August Mack
ENVIRONMENTAL

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4401 Rockside Road, Suite 300 ▪ Independence, Ohio 44131

December 12, 2024

Karen Nesbit
Ohio Environmental Protection Agency
Northeast District Office
2110 East Aurora Road
Twinsburg, Ohio 44087

Re: Initial Site Investigation Report
Material Sciences Corporation
460 West Main Street
Canfield, Ohio
August Mack Project Number JY2380.372

Dear Ms. Nesbit:

August Mack Environmental, Inc. (August Mack), on behalf of Material Sciences Corporation (MSC), is submitting this Initial Site Investigation (ISI) Report for the MSC facility property located at 460 West Main Street, Canfield, Ohio (Site). This report includes pertinent Site background information, a summary of investigation activities, sampling procedures, laboratory analytical results, and planned next steps.

1 BACKGROUND INFORMATION

The Site is a metal galvanizing and coil coating facility located in Canfield, Ohio and has been operating since the 1950s under various entities including Canfield Steel and Pittsburgh Steel. MSC acquired the facility in 2013 and has operated the Site since then. In July 2024, MSC conducted a cleaning of process lines and equipment during its regularly scheduled maintenance operations, which appeared to dislodge dark brown process water with a high pH that contained cyanide and metals. The process water breached a previously abandoned drainage pipe and was released to the Adjacent Ditch located northeast of the facility along the Mill Creek Metro Park Bikeway. On July 11, 2024, the process water was visually observed in the ditch by a pedestrian on the bikeway who notified the local Canfield Fire Department. The Canfield Fire Department then notified MSC and the Ohio Environmental Protection Agency (Ohio EPA) of the discharge. Approximately 1,000 feet of the Adjacent Ditch was impacted by the process water and MSC was issued a Notice of Violation (NOV) from the Ohio EPA on October 11, 2024 for unlawful disposal of hazardous waste. MSC and August Mack are currently

working with Ohio EPA to establish a Director's Final Findings and Orders to address the NOV and future actions at the Site.

In response to the release, MSC contracted with various environmental service providers such as THG & Associates (THG), Environmental Response Contractor (ERC), and August Mack to assess, respond, contain and cleanup the released process water. Since being contracted in mid-August, August Mack has performed numerous interim measure activities, including but not limited to the following:

- Installing temporary dams and five sumps within the Adjacent Ditch to collect impacted stormwater into on-Site storage tanks and stop any migration into the surface water feature that is located north of the Site,
- Diverting clean stormwater away from the Adjacent Ditch
- Collecting impacted water from subsurface drainage pipes into on-Site storage tanks,
- Properly disposing of approximately 115,000 gallons of impacted water off-Site as hazardous waste,
- Installing a fence between the Adjacent Ditch and the Bikeway, and
- Installing a liner on approximately 1,200 feet of the Adjacent Ditch in accordance with the Ditch Interim Measures Plan, dated November 15, 2024, that was approved by the Ohio EPA (the liner installation is currently ongoing).

Since August Mack's involvement there has been no breach of impacted process water past the line of compliance dam, formerly the Ohio EPA plywood dam, which is at the end of the Adjacent Ditch. Details associated with water collection efforts continue to be discussed with Ohio EPA weekly and submitted in weekly reports. A report regarding the lining of the ditch will be provided under a separate cover following the ditch liner installation completion.

As part of the ongoing response, August Mack conducted investigations on-Site, within the Adjacent Ditch, within the Surface Water Feature to the north of the property, and within Sawmill Creek to assess potential soil, surface water, and groundwater impacts associated with the release. The work was performed in general accordance with the Ohio EPA approved Sampling and Analysis Plan (SAP) dated September 31, 2024. Details and results of the investigation are provided below.

2 INVESTIGATION METHODS

2.1 On-Site Soil Borings

Prior to advancing soil borings, August Mack contacted Ohio 811 to clear public underground utilities at the Site. Additionally, a private utility locate was conducted using ground penetrating radar and electromagnetic survey techniques to locate utilities in the vicinity of soil boring locations.

August Mack mobilized to the Site in October 2024 to initiate soil sampling activities. A total of 21 soil borings (SB-1 through SB-4 and SB-6 through SB-22)[1] were advanced using a Geoprobe® Direct Push Sampling System (Geoprobe®) to a maximum depth of 34 feet below grade (ft bg). Soil was collected continuously in two-foot intervals from each boring for the purpose of lithologic description, field screening for pH utilizing a soil pH probe, and headspace analysis utilizing a photoionization detector (PID). Depending on the data quality objective for the boring location and field conditions, up to three unsaturated soil samples were collected from each boring. The sampling intervals were chosen based on visual staining/odor and elevated pH/PID readings. A total of 53 soil samples were collected from on-Site borings, which includes Quality assurance/Quality control (QA/QC) samples collected at the minimum frequency described below:

- One duplicate sample collected per 10 samples
- One matrix spike/matrix spike duplicate (MS/MSD) per 20 samples
- One trip blank per cooler per day
- One equipment blank (EB) and one rinse blank (RB) per event.

Samples were submitted to Eurofins Environment Testing in Barberton, Ohio for laboratory analysis of chemicals of concern (COCs) listed in **Table 1**. Contrary to the methods listed in the SAP, hexavalent chromium, total cyanide, and free cyanide were analyzed by U.S. EPA methods 7199, 9012, and OIA1677, respectively. These methods were the only methods available through Eurofins Environment Testing for the given parameters but are comparable to the original methods listed in the SAP. Soil samples were collected in accordance with the field procedures provided in **Attachment A**. The soil boring logs are included in **Attachment B**. Soil boring locations are shown on **Figure 1A**.

[1] Please note that proposed soil boring, SB-5, was not advanced due to the location not being accessible by Geoprobe®.

2.2 On-Site Grab Groundwater Sampling

Following soil boring advancement, temporary one-inch piezometers were installed to collect grab groundwater samples from each boring. Samples were collected via peristaltic pump and submitted to Eurofins Environment Testing in Barberton, Ohio for laboratory analysis for COCs listed in **Table 1**. Samples submitted for dissolved metals were field filtered. A total of 24 grab groundwater samples were collected, which includes QA/QC samples collected at the minimum frequency described below:

- One duplicate sample per 10 samples
- One MS and one MSD sample per 20 samples
- One trip blank per cooler per day

Grab groundwater samples were collected in accordance with the field procedures provided in **Attachment A**.

2.3 On-Site Monitoring Well Installation

Upon completion of soil boring activities, 15 soil boring locations (SB-1, SB-4, SB-7, SB-8, SB-9, SB-10, SB-11, SB-12, SB-13, SB-14, SB-16, SB-17, SB-18 SB-19, SB-20) were converted into permanent, 2-inch monitoring wells (MW-1 through MW-15) using hollow-stem auger (HSA) drilling techniques. Following installation, the monitoring wells were properly developed and surveyed by a licensed professional surveyor. The monitoring well locations are shown on **Figure 1A**. August Mack field procedures are provided as **Attachment A**. The monitoring well construction diagrams are provided as **Attachment B**.

The monitoring wells were allowed to equilibrate for at least one week following well installation and development. Groundwater elevation data was collected from the monitoring well network to assess the hydrogeologic conditions at the Site. Groundwater elevation measurements were collected in accordance with August Mack field procedures provided as **Attachment A**. Monitoring well information and depth-to-water measurements are presented in **Table 2**. Calculated potentiometric surface contours from the gauging event are depicted on **Figure 2.**

August Mack completed the low-flow groundwater sampling event of the 15 monitoring wells in late November 2024. The sampling results are forthcoming and additional information will be provided under a separate cover.

2.4 Surface Water Feature Sampling

August Mack conducted soil and water sampling of the Surface Water Feature located to the north of the Site in October 2024. A total of 14 soil borings (SB-23 through SB-36) were advanced using hand auger sampling techniques. Soil at each location was collected at depths of zero ft, one-half ft, and two ft bg, except when subsurface conditions caused refusal. At the request of Ohio EPA, two surface water samples were collected using new disposable syringes at two boring locations (SB-29 and SB-36). Soil and surface water samples were submitted to Eurofins Environment Testing in Barberton, OH for the laboratory analysis of COCs listed in **Table 1**. A total of 47 soil samples collected from the Surface Water Feature, which includes QA/QC samples collected at the minimum frequency described below:

- One duplicate sample per 10 samples
- One MS/MSD sample per 20 samples
- One trip blank per cooler per day
- One EB and one RB per event.

Soil boring and surface water sampling locations of the water feature are provided in **Figure 1B.** August Mack field procedures are provided **Attachment A**.

2.5 Adjacent Ditch and Sawmill Creek Sampling

August Mack mobilized to the Site in October 2024[2] to conduct soil and surface water sampling of the Adjacent Ditch located to the east of the Site. At the request of Ohio EPA, August Mack also sampled Sawmill Creek, which is downstream of the Surface Water Feature and located to the northeast of the Site. A total of 148 soil samples were collected at 26 transects along the Adjacent Ditch and Sawmill Creek, as shown in **Figure 1C**. The transects were spaced approximately every 125 feet based on site conditions and accessibility.

August Mack collected soil samples at three evenly spaced locations within the Adjacent Ditch and Sawmill Creek across each transect (one from each bank and one from the center line). Samples were also collected at different depths using a disposable scoop and hand auger. Maximum sampling depth ranged from one to four ft bg depending on subsurface conditions encountered (e.g., gravel causing refusal). A total of 79 soil samples

[2] Prior to August Mack involvement, THG collected soil samples within the Adjacent Ditch. These results are presented in the tables as part of this report, but they are not discussed in detail because August Mack sampling encompassed these locations within the Adjacent Ditch.

were collected from the Adjacent Ditch, and 69 soil samples were collected from Sawmill Creek.

In addition to collecting soil samples, four surface water samples were collected utilizing unused disposable syringes within the Adjacent Ditch and three surface water samples were collected within Sawmill Creek. Soil and surface water samples were submitted to Eurofins Environment Testing in Barberton, Ohio and analyzed for the COCs presented in **Table 1**. In addition to collecting soil samples from each location at each depth for the parameters listed above, appropriate QA/QC samples were collected, including the following items:

- One duplicate sample per 10 samples
- One MS/ MSD sample per 20 samples
- One trip blank per cooler per day
- One EB and one RB per event.

August Mack field procedures are provided in **Attachment A**. Sampling locations are shown on **Figure 1C**.

3 INVESTIGATION RESULTS

A total of 248 soil samples and 24 grab groundwater samples were collected during the Initial Site Investigation. Based on the facility's historical Site usage and metal galvanizing/coating processes, the primary COCs for the Site are Cyanide, Zinc, Hexavalent Chromium, and Trichloroethene. Due to the nature of the recent release, the ISI focused on the primary COCs as well as an extensive suite of additional analytes. The laboratory data for all COCs and additional analytes have been included as part of the Figures, Tables, and Attachments. Considering the volume of data collected as part of the ISI, the following investigation result sections are focused on the Site's primary COCs. Detections of the primary Site COCs are organized by each sampling effort and are detailed in the following sections.

3.1 On-Site Soil Boring Analytical Results

The on-Site subsurface soil analytical results were compared to the U.S. EPA Industrial RSL, and exceeded the RSL at the following locations:

- Total cyanide was reported above the EPA Industrial RSL in one sample collected from SB-12B at a depth of 4-6 ft bg.

- Although arsenic exceeded the Industrial RSL, concentrations are generally within background levels established in the Ohio EPA *Evaluation of Background Metal Soil Concentrations in Mahoning County* report.

The on-Site soil analytical results are summarized in **Table 3** and on **Figure 3**. Copies of the laboratory analytical reports are included in **Attachment C.**

3.2 Grab Groundwater Analytical Results

The grab groundwater analytical results were compared to the Ground Water Protection Standards (GWPS).[3] The following locations exceeded GWPS for the primary COCs:

- Trichloroethene exceeded the GWPS in five samples
- Hexavalent chromium exceeded the GWPS in four samples
- Total Zinc exceeded the GWPS in five samples; however, the dissolved Zinc concentrations were below the GWPS in every sample.

The grab groundwater samples were turbid due to the sample collection method; therefore, the dissolved metals results were consistently less than the total metals results. The grab groundwater analytical results are summarized in **Table 4** and on **Figure 4**. Copies of the laboratory analytical reports are included in **Attachment C.**

3.3 Surface Water Feature Soil Analytical Results

Soil analytical results collected from the Surface Water Feature were compared to the established US EPA 2024 Residential and Industrial RSLs. The primary COC exceedances in soil within the Surface Water Feature are as follows:

- Total cyanide exceeded the Zinc exceeded Residential RSL in 17 samples.
- Although arsenic exceeded the Industrial RSL, it appears that concentrations are within background levels based on the Ohio EPA *Evaluation of Background Metal Soil Concentrations in Mahoning County* report.

The Surface Water Feature soil analytical results are summarized in **Table 5** and on **Figure 5**. Copies of the laboratory analytical reports are included in **Attachment C.**

[3] The GWPS is defined as the applicable Maximum Contaminant Level (MCL) or RSL tap water values with a TR of 1E-06 and a THQ of 0.1 when no MCL exists.

3.4 Adjacent Ditch and Sawmill Creek Soil Results

Soil analytical results from the Adjacent Ditch and Sawmill Creek were compared to U.S. EPA Residential and/or Industrial RSLs. Primary COC exceedances in soil samples from the Adjacent Ditch and Sawmill Creek are as follows:

- Adjacent Ditch soil results
  - Zinc exceeded the Residential RSL in 20 samples
  - Hexavalent chromium exceeded the Residential RSL in two samples
  - Total cyanide exceeded the Industrial RSLs in 47 samples and 15 samples exceeded Residential RSLs
  - Although arsenic exceeded the Industrial and Residential RSLs, it appears that concentrations are within background levels based on the Ohio EPA *Evaluation of Background Metal Soil Concentrations in Mahoning County* report.

- Sawmill Creek soil results
  - Zinc exceeded the Residential RSL in six samples
  - Hexavalent chromium exceeded the Residential RSL in six samples
  - Total cyanide exceeded the Residential RSLs in 52 samples.
  - Although arsenic exceeded the Residential RSL, it appears that concentrations are within background levels based on the Ohio EPA *Evaluation of Background Metal Soil Concentrations in Mahoning County* report.

The Adjacent Ditch and Sawmill Creek soil analytical results are summarized in **Table 6** and **Table 7**, respectively. The Adjacent Ditch and Sawmill Creek exceeding locations are shown on **Figure 6** and **Figure 7**, respectively. The Sawmill Creek results were only compared to Residential RSLs on the figure. Copies of the laboratory analytical reports are included in **Attachment C.**

3.5 Adjacent Ditch, Surface Water Feature, and Sawmill Creek Surface Water Analytical Results

The Adjacent Ditch, Surface Water Feature, and Sawmill Creek surface water analytical results were compared to the established Ohio EPA Non-Drinking Surface Water Human Health Criteria.[4] Primary COC exceedances of the Ohio EPA Non-Drinking Surface

[4] https://dam.assets.ohio.gov/image/upload/epa.ohio.gov/Portals/35/wqs/Ohioval_April_9_2021.pdf

Water Human Health within the Adjacent Ditch, Surface Water Feature, and Sawmill Creek were as follows:

- Zinc exceeded the Human Health Criteria in two samples collected within the Adjacent Ditch.
- No primary COCs were reported in samples from the Surface Water Feature or Sawmill Creek at concentrations above the Human Health Criteria.

The Adjacent Ditch, Surface Water Feature, and Sawmill Creek surface water analytical results are summarized in **Table 8.** Exceedances are depicted on **Figure 8, Figure 9, and Figure 10,** respectively. Copies of the laboratory analytical reports are included in **Attachment C.**

4 SUMMARY AND NEXT STEPS

In response to the July 2024 release, MSC has worked collaboratively with Ohio EPA to conduct numerous interim measure activities to address the release and the associated potential exposure concerns. In addition, August Mack conducted an extensive initial investigation on and off-Site, which was done in accordance with the Ohio EPA approved SAP. The efforts completed as part of this ISI report are as follows:

- Advanced 21 soil borings on-Site to collect 53 soil samples,
- Collected 24 grab groundwater samples,
- Installed and developed 15 monitoring wells,
- Collected 79 soil and four surface water samples in the Adjacent Ditch,
- Collected 47 soil and two surface water samples in the Surface Water Feature north of the Site, and
- Collected 69 soil and three surface water samples in Sawmill Creek.

Groundwater sampling from the recently installed monitoring well network is the only remaining sampling for the SAP, which was completed in late November 2024. The groundwater analytical data is still being received from the laboratory and the results will be submitted under a separate cover.

In summary, analytical results show that impacts are present in on-Site soils and groundwater, as well as off-Site soil and surface water. August Mack will evaluate the recently collected groundwater data in conjunction with the analytical data presented in this report to determine what additional sampling is needed to fully characterize the Site.

Currently August Mack is preparing to perform the following interim measures and additional sampling activities:

- Additional soil sampling within Sawmill Creek to determine potential interim measures (e.g., fencing),
- Vapor intrusion sampling within the facility,
- Ecological assessment following Ohio EPA guidance in the Surface Water Feature,
- Continue to divert clean stormwater away from the Adjacent Ditch, and to collect impacted stormwater into on-Site storage tanks to stop any migration into the Surface Water Feature,
- Finish lining the Adjacent Ditch to prevent direct contact and to bypass clean storm water over impacted sediments.

Please feel free to contact us if you have any questions or comments.

Sincerely,

Brandon C. Lewis, CHMM
Regional Director, Ohio Offices

Charlie Gomez, LPG
Principal of Closure Services

FIGURES

Figure 1A: Soil Boring and Monitoring Well Locations
Figure 1B: Surface Water Feature Sampling Locations
Figure 1C: Adjacent Ditch and Sawmill Creek Sampling Locations
Figure 2: November Potentiometric Surface Map
Figure 3: On-Site Soil Borings – Soil Analytical Results
Figure 4: On-Site Grab Groundwater Analytical Results
Figure 5: Surface Water Feature – Soil Analytical Results
Figure 6: Adjacent Ditch - Soil Analytical Results Map
Figure 7: Sawmill Creek - Soil Analytical Results Map
Figure 8: Adjacent Ditch- Surface Water Analytical Results Map
Figure 9: Surface Water Feature – Surface Water Analytical Results Map
Figure 10: Sawmill Creek- Surface Water Analytical Results Map

SB-19/MW-10
SB-20/MW-11
SB-17/MW-9
SB-18/MW-14
SB-16/MW-8
SB-15
SB-21
SB-13/MW-12
SB-14/MW-13
SB-10/MW-6
SB-22
SB-11/MW-7
SB-12/MW-3
SB-7/MW-15
SB-8/MW-4
SB-9/MW-5
SB-6
SB-4/MW-2
Weldon Ln
SB-2
SB-1/MW-1
SB-3

Subject Property
Soil Boring
Soil Boring / Monitoring Well
MH-R (Manhole Red)
MH-Y (Manhole Yellow)
Adjacent Ditch

Nearmap Aerial Imagery:
June 15, 2024

Material Sciences Corporation
Canfield
Soil Boring and Monitoring Well Locations

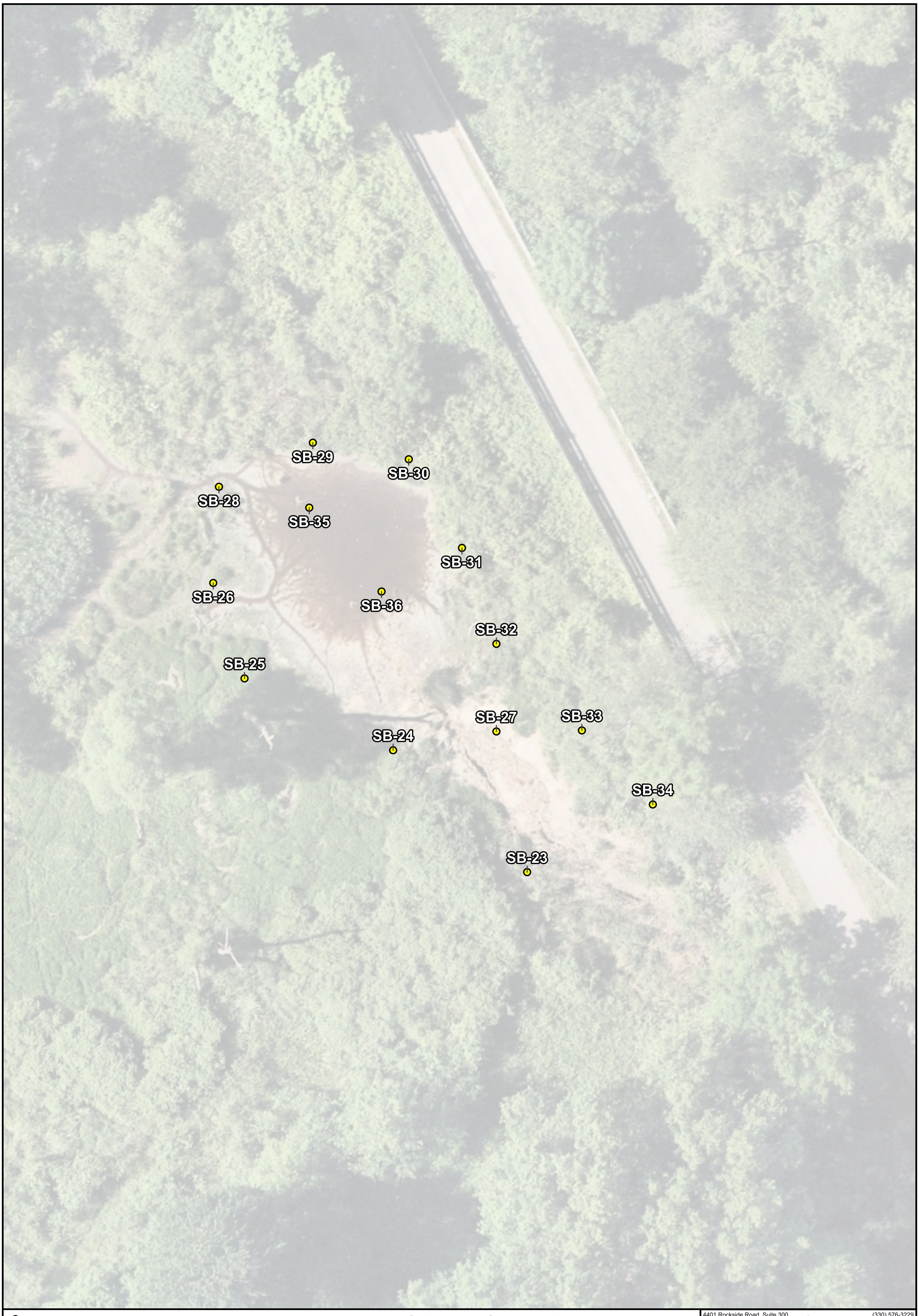
460 West Main Street
Canfield, Ohio 44406

N

0 50 100 ft

4401 Rockside Road, Suite 300
Independence, Ohio 44131
(330) 576-3229
August Mack ENVIRONMENTAL

PROJECT NO.: JY2380.372	DATE: 12/12/2024
	SCALE: 1:1,500
FIGURE: 1A	CREATED BY: CC



Soil and Groundwater Sample Location

Nearmap Aerial Imagery:
June 15, 2024

Material Sciences Corporation
Canfield

Surface Water Feature Sampling Locations

460 West Main Street
Canfield, Ohio 44406

N

0 10 20 ft

4401 Rockside Road, Suite 300
Independence, Ohio 44131
(330) 576-3229

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PROJECT NO.: JY2380.372	DATE: 12/10/2024
	SCALE: 1:250
FIGURE: 1B	CREATED BY: CC

S Briarcliff Dr

T2-500 T2-625 T2-750 T2-875 T2-1000 T2-1125 T2-1250 T2-1375 T2-1500 T2-1625 T2-1750

T2-375

T2-1820

T2-250

T2-100

T2-0

T-1125

SS-5

SS-5N

T-1000

T-875

SS-4

SS-4N

T-750

SS-3

SS-3N

T-625

T-500

SS-2

SS-2N

T-375

T-250

Outfall-3-N

SS-1

T-125

Outfall-2-N

Outfall-1-S

T-0

Bkgrnd

Cardinal Dr

Weldon Ln

W Main St

Subject Property

Soil Sample

Nearmap Aerial Imagery:
June 15, 2024

Material Sciences Corporation
Canfield

Adjacent Ditch and
Sawmill Creek Sampling Locations

460 West Main Street
Canfield, Ohio 44406

N

0 75 150 ft

4401 Rockside Road, Suite 300
Independence, Ohio 44131
(330) 576-3229

August Mack
ENVIRONMENTAL

PROJECT NO.: JY2380.372	DATE: 12/10/2024
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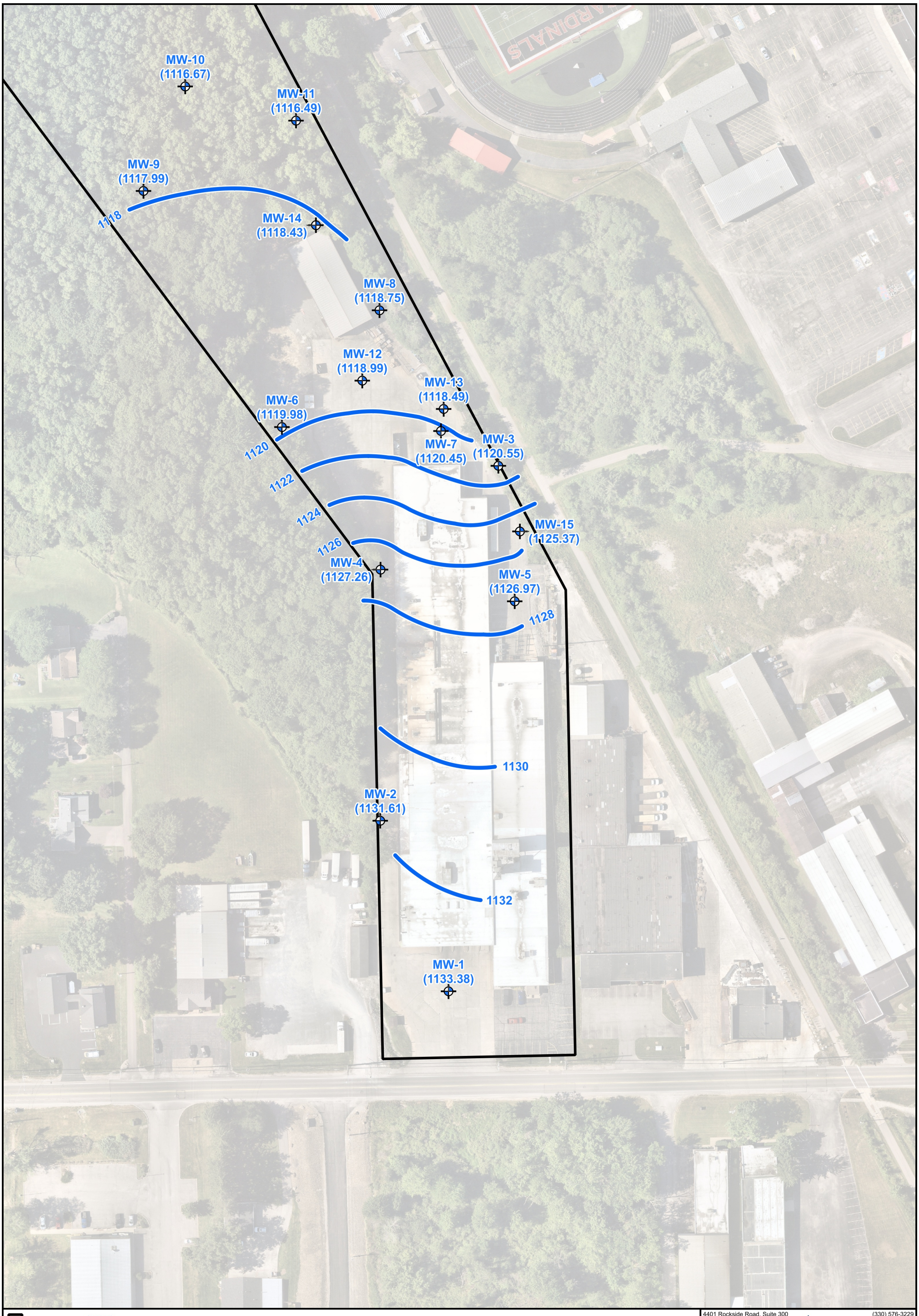
FIGURE: 1C	CREATED BY: CC



Subject Property (1133.38) Groundwater Elevation (ft/MSL)

Monitoring Well Groundwater Contours

Material Sciences Corporation
Canfield

November Potentiometric Surface Map

460 West Main Street
Canfield, Ohio 44406

N

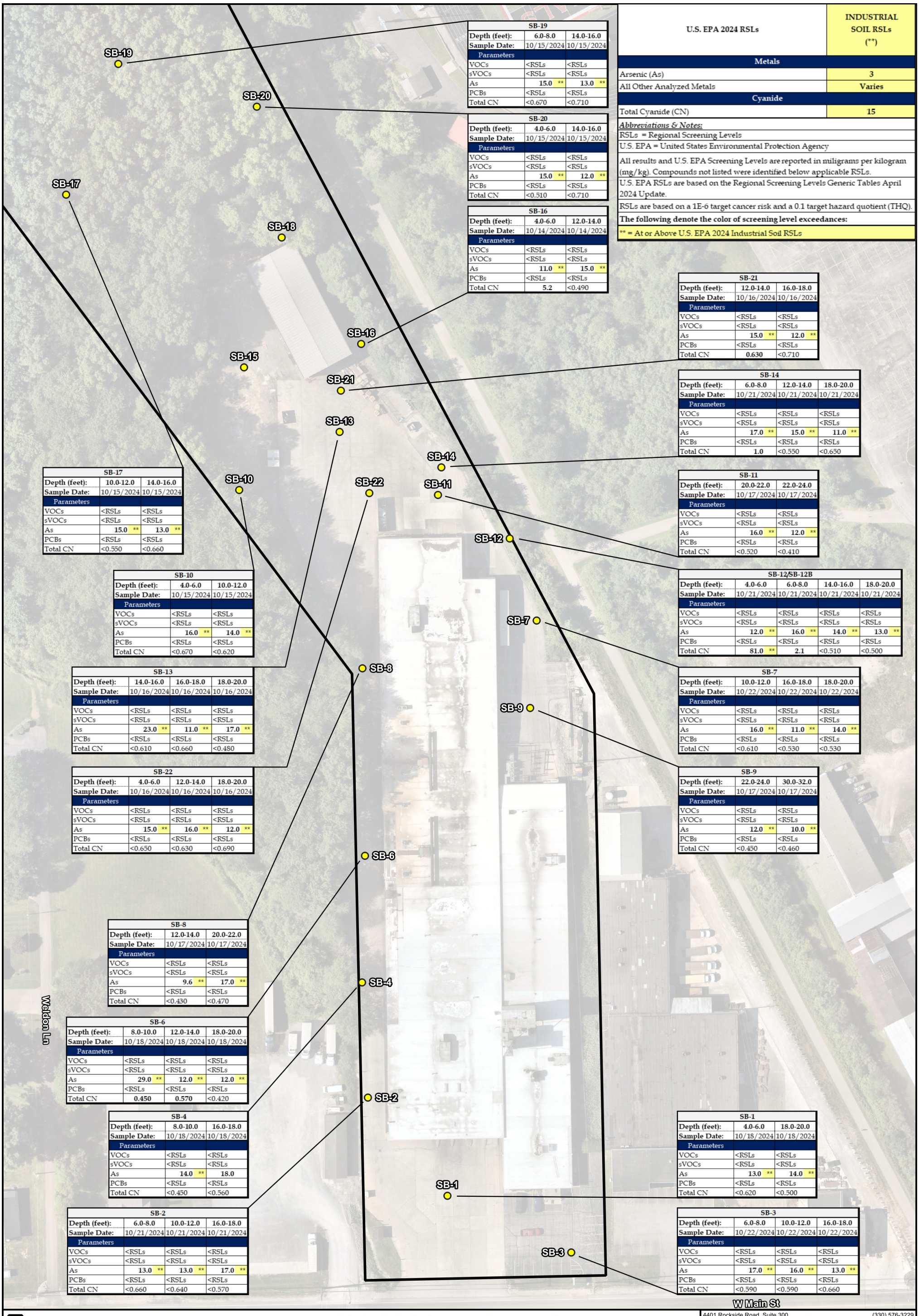
0 50 100 ft

Nearmap Aerial Imagery:
June 15, 2024

4401 Rockside Road, Suite 300
Independence, Ohio 44131
(330) 576-3229

August Mack
ENVIRONMENTAL

PROJECT NO.: JY2380.372	DATE: 12/10/2024
	SCALE: 1:1,250
FIGURE: 2	CREATED BY: CC



SB-19		
Depth (feet):	6.0-8.0	14.0-16.0
Sample Date:	10/15/2024	10/15/2024
Parameters		
VOCs	<RSLs	<RSLs
sVOCs	<RSLs	<RSLs
As	**15.0** **	**13.0** **
PCBs	<RSLs	<RSLs
Total CN	<0.670	<0.710

SB-20		
Depth (feet):	4.0-6.0	14.0-16.0
Sample Date:	10/15/2024	10/15/2024
Parameters		
VOCs	<RSLs	<RSLs
sVOCs	<RSLs	<RSLs
As	**15.0** **	**12.0** **
PCBs	<RSLs	<RSLs
Total CN	<0.510	<0.710

SB-16		
Depth (feet):	4.0-6.0	12.0-14.0
Sample Date:	10/14/2024	10/14/2024
Parameters		
VOCs	<RSLs	<RSLs
sVOCs	<RSLs	<RSLs
As	**11.0** **	**15.0** **
PCBs	<RSLs	<RSLs
Total CN	**5.2**	<0.490

U.S. EPA 2024 RSLs	INDUSTRIAL SOIL RSLs (**)
Metals	
Arsenic (As)	**3**
All Other Analyzed Metals	**Varies**
Cyanide	
Total Cyanide (CN)	**15**

Abbreviations & Notes:

RSLs = Regional Screening Levels

U.S. EPA = United States Environmental Protection Agency

All results and U.S. EPA Screening Levels are reported in miligrams per kilogram (mg/kg). Compounds not listed were identified below applicable RSLs.

U.S. EPA RSLs are based on the Regional Screening Levels Generic Tables April 2024 Update.

RSLs are based on a 1E-6 target cancer risk and a 0.1 target hazard quotient (THQ).

The following denote the color of screening level exceedances:

** = At or Above U.S. EPA 2024 Industrial Soil RSLs

SB-21		
Depth (feet):	12.0-14.0	16.0-18.0
Sample Date:	10/16/2024	10/16/2024
Parameters		
VOCs	<RSLs	<RSLs
sVOCs	<RSLs	<RSLs
As	**15.0** **	**12.0** **
PCBs	<RSLs	<RSLs
Total CN	**0.630**	<0.710

SB-14			
Depth (feet):	6.0-8.0	12.0-14.0	18.0-20.0
Sample Date:	10/21/2024	10/21/2024	10/21/2024
Parameters			
VOCs	<RSLs	<RSLs	<RSLs
sVOCs	<RSLs	<RSLs	<RSLs
As	**17.0** **	**15.0** **	**11.0** **
PCBs	<RSLs	<RSLs	<RSLs
Total CN	**1.0**	<0.550	<0.650

SB-17		
Depth (feet):	10.0-12.0	14.0-16.0
Sample Date:	10/15/2024	10/15/2024
Parameters		
VOCs	<RSLs	<RSLs
sVOCs	<RSLs	<RSLs
As	**15.0** **	**13.0** **
PCBs	<RSLs	<RSLs
Total CN	<0.550	<0.660

SB-11		
Depth (feet):	20.0-22.0	22.0-24.0
Sample Date:	10/17/2024	10/17/2024
Parameters		
VOCs	<RSLs	<RSLs
sVOCs	<RSLs	<RSLs
As	**16.0** **	**12.0** **
PCBs	<RSLs	<RSLs
Total CN	<0.520	<0.410

SB-10		
Depth (feet):	4.0-6.0	10.0-12.0
Sample Date:	10/15/2024	10/15/2024
Parameters		
VOCs	<RSLs	<RSLs
sVOCs	<RSLs	<RSLs
As	**16.0** **	**14.0** **
PCBs	<RSLs	<RSLs
Total CN	<0.670	<0.620

SB-12/SB-12B				
Depth (feet):	4.0-6.0	6.0-8.0	14.0-16.0	18.0-20.0
Sample Date:	10/21/2024	10/21/2024	10/21/2024	10/21/2024
Parameters				
VOCs	<RSLs	<RSLs	<RSLs	<RSLs
sVOCs	<RSLs	<RSLs	<RSLs	<RSLs
As	**12.0** **	**16.0** **	**14.0** **	**13.0** **
PCBs	<RSLs	<RSLs	<RSLs	<RSLs
Total CN	**81.0** **	**2.1**	<0.510	<0.500

SB-13			
Depth (feet):	14.0-16.0	16.0-18.0	18.0-20.0
Sample Date:	10/16/2024	10/16/2024	10/16/2024
Parameters			
VOCs	<RSLs	<RSLs	<RSLs
sVOCs	<RSLs	<RSLs	<RSLs
As	**23.0** **	**11.0** **	**17.0** **
PCBs	<RSLs	<RSLs	<RSLs
Total CN	<0.610	<0.660	<0.480

SB-7			
Depth (feet):	10.0-12.0	16.0-18.0	18.0-20.0
Sample Date:	10/22/2024	10/22/2024	10/22/2024
Parameters			
VOCs	<RSLs	<RSLs	<RSLs
sVOCs	<RSLs	<RSLs	<RSLs
As	**16.0** **	**11.0** **	**14.0** **
PCBs	<RSLs	<RSLs	<RSLs
Total CN	<0.610	<0.530	<0.530

SB-22			
Depth (feet):	4.0-6.0	12.0-14.0	18.0-20.0
Sample Date:	10/16/2024	10/16/2024	10/16/2024
Parameters			
VOCs	<RSLs	<RSLs	<RSLs
sVOCs	<RSLs	<RSLs	<RSLs
As	**15.0** **	**16.0** **	**12.0** **
PCBs	<RSLs	<RSLs	<RSLs
Total CN	<0.650	<0.630	<0.690

SB-9		
Depth (feet):	22.0-24.0	30.0-32.0
Sample Date:	10/17/2024	10/17/2024
Parameters		
VOCs	<RSLs	<RSLs
sVOCs	<RSLs	<RSLs
As	**12.0** **	**10.0** **
PCBs	<RSLs	<RSLs
Total CN	<0.450	<0.460

SB-8		
Depth (feet):	12.0-14.0	20.0-22.0
Sample Date:	10/17/2024	10/17/2024
Parameters		
VOCs	<RSLs	<RSLs
sVOCs	<RSLs	<RSLs
As	**9.6** **	**17.0** **
PCBs	<RSLs	<RSLs
Total CN	<0.430	<0.470

SB-6			
Depth (feet):	8.0-10.0	12.0-14.0	18.0-20.0
Sample Date:	10/18/2024	10/18/2024	10/18/2024
Parameters			
VOCs	<RSLs	<RSLs	<RSLs
sVOCs	<RSLs	<RSLs	<RSLs
As	**29.0** **	**12.0** **	**12.0** **
PCBs	<RSLs	<RSLs	<RSLs
Total CN	**0.450**	**0.570**	<0.420

SB-4		
Depth (feet):	8.0-10.0	16.0-18.0
Sample Date:	10/18/2024	10/18/2024
Parameters		
VOCs	<RSLs	<RSLs
sVOCs	<RSLs	<RSLs
As	**14.0** **	**18.0**
PCBs	<RSLs	<RSLs
Total CN	<0.450	<0.560

SB-1		
Depth (feet):	4.0-6.0	18.0-20.0
Sample Date:	10/18/2024	10/18/2024
Parameters		
VOCs	<RSLs	<RSLs
sVOCs	<RSLs	<RSLs
As	**13.0** **	**14.0** **
PCBs	<RSLs	<RSLs
Total CN	<0.620	<0.500

SB-2			
Depth (feet):	6.0-8.0	10.0-12.0	16.0-18.0
Sample Date:	10/21/2024	10/21/2024	10/21/2024
Parameters			
VOCs	<RSLs	<RSLs	<RSLs
sVOCs	<RSLs	<RSLs	<RSLs
As	**13.0** **	**13.0** **	**17.0** **
PCBs	<RSLs	<RSLs	<RSLs
Total CN	<0.660	<0.640	<0.570

SB-3			
Depth (feet):	6.0-8.0	10.0-12.0	16.0-18.0
Sample Date:	10/22/2024	10/22/2024	10/22/2024
Parameters			
VOCs	<RSLs	<RSLs	<RSLs
sVOCs	<RSLs	<RSLs	<RSLs
As	**17.0** **	**16.0** **	**13.0** **
PCBs	<RSLs	<RSLs	<RSLs
Total CN	<0.590	<0.590	<0.660

Subject Property

Soil Sample

Nearmap Aerial Imagery: June 15, 2024

Material Sciences Corporation Canfield

On-Site Soil Borings - Soil Analytical Results Map

460 West Main Street
Canfield, Ohio 44406

N

0 50 100 ft

4401 Rockside Road, Suite 300
Independence, Ohio 44131
(330) 576-3229

August Mack ENVIRONMENTAL

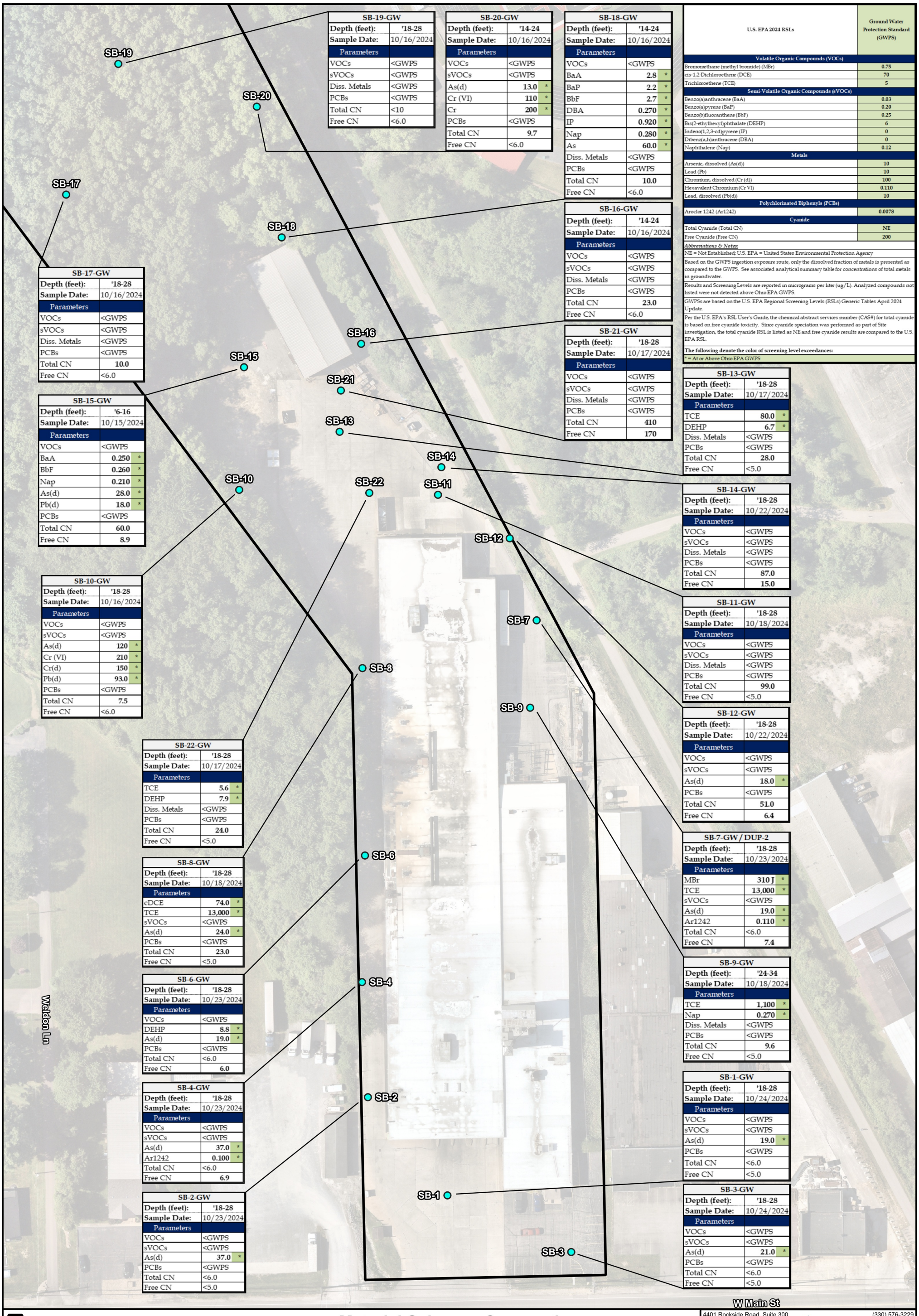
PROJECT NO.: JY2380.372

DATE: 12/12/2024

SCALE: 1:1,000

FIGURE: 3

CREATED BY: CC



SB-19-GW	
Depth (feet):	'18-28
Sample Date:	10/16/2024
Parameters	
VOCs	<GWPS
sVOCs	<GWPS
Diss. Metals	<GWPS
PCBs	<GWPS
Total CN	<10
Free CN	<6.0

SB-20-GW	
Depth (feet):	'14-24
Sample Date:	10/16/2024
Parameters	
VOCs	<GWPS
sVOCs	<GWPS
As(d)	13.0 *
Cr (VI)	110 *
Cr	200 *
PCBs	<GWPS
Total CN	9.7
Free CN	<6.0

SB-18-GW	
Depth (feet):	'14-24
Sample Date:	10/16/2024
Parameters	
VOCs	<GWPS
BaA	2.8 *
BaP	2.2 *
BbF	2.7 *
DBA	0.270 *
IP	0.920 *
Nap	0.280 *
As	60.0 *
Diss. Metals	<GWPS
PCBs	<GWPS
Total CN	10.0
Free CN	<6.0

SB-16-GW	
Depth (feet):	'14-24
Sample Date:	10/16/2024
Parameters	
VOCs	<GWPS
sVOCs	<GWPS
Diss. Metals	<GWPS
PCBs	<GWPS
Total CN	23.0
Free CN	<6.0

SB-17-GW	
Depth (feet):	'18-28
Sample Date:	10/16/2024
Parameters	
VOCs	<GWPS
sVOCs	<GWPS
Diss. Metals	<GWPS
PCBs	<GWPS
Total CN	10.0
Free CN	<6.0

SB-21-GW	
Depth (feet):	'18-28
Sample Date:	10/17/2024
Parameters	
VOCs	<GWPS
sVOCs	<GWPS
Diss. Metals	<GWPS
PCBs	<GWPS
Total CN	410
Free CN	170

SB-13-GW	
Depth (feet):	'18-28
Sample Date:	10/17/2024
Parameters	
TCE	80.0 *
DEHP	6.7 *
Diss. Metals	<GWPS
PCBs	<GWPS
Total CN	28.0
Free CN	<5.0

SB-15-GW	
Depth (feet):	'6-16
Sample Date:	10/15/2024
Parameters	
VOCs	<GWPS
BaA	0.250 *
BbF	0.260 *
Nap	0.210 *
As(d)	28.0 *
Pb(d)	18.0 *
PCBs	<GWPS
Total CN	60.0
Free CN	8.9

SB-14-GW	
Depth (feet):	'18-28
Sample Date:	10/22/2024
Parameters	
VOCs	<GWPS
sVOCs	<GWPS
Diss. Metals	<GWPS
PCBs	<GWPS
Total CN	87.0
Free CN	15.0

SB-10-GW	
Depth (feet):	'18-28
Sample Date:	10/16/2024
Parameters	
VOCs	<GWPS
sVOCs	<GWPS
As(d)	120 *
Cr (VI)	210 *
Cr(d)	150 *
Pb(d)	93.0 *
PCBs	<GWPS
Total CN	7.5
Free CN	<6.0

SB-11-GW	
Depth (feet):	'18-28
Sample Date:	10/18/2024
Parameters	
VOCs	<GWPS
sVOCs	<GWPS
Diss. Metals	<GWPS
PCBs	<GWPS
Total CN	99.0
Free CN	<5.0

SB-22-GW	
Depth (feet):	'18-28
Sample Date:	10/17/2024
Parameters	
TCE	5.6 *
DEHP	7.9 *
Diss. Metals	<GWPS
PCBs	<GWPS
Total CN	24.0
Free CN	<5.0

SB-12-GW	
Depth (feet):	'18-28
Sample Date:	10/22/2024
Parameters	
VOCs	<GWPS
sVOCs	<GWPS
As(d)	18.0 *
PCBs	<GWPS
Total CN	51.0
Free CN	6.4

SB-8-GW	
Depth (feet):	'18-28
Sample Date:	10/18/2024
Parameters	
cDCE	74.0 *
TCE	13,000 *
sVOCs	<GWPS
As(d)	24.0 *
PCBs	<GWPS
Total CN	23.0
Free CN	<5.0

SB-7-GW / DUP-2	
Depth (feet):	'18-28
Sample Date:	10/23/2024
Parameters	
MBr	310 J *
TCE	13,000 *
sVOCs	<GWPS
As(d)	19.0 *
Ar1242	0.110 *
Total CN	<6.0
Free CN	7.4

SB-6-GW	
Depth (feet):	'18-28
Sample Date:	10/23/2024
Parameters	
VOCs	<GWPS
DEHP	8.8 *
As(d)	19.0 *
PCBs	<GWPS
Total CN	<6.0
Free CN	6.0

SB-9-GW	
Depth (feet):	'24-34
Sample Date:	10/18/2024
Parameters	
TCE	1,100 *
Nap	0.270 *
Diss. Metals	<GWPS
PCBs	<GWPS
Total CN	9.6
Free CN	<5.0

SB-4-GW	
Depth (feet):	'18-28
Sample Date:	10/23/2024
Parameters	
VOCs	<GWPS
sVOCs	<GWPS
As(d)	37.0 *
Ar1242	0.100 *
Total CN	<6.0
Free CN	6.9

SB-1-GW	
Depth (feet):	'18-28
Sample Date:	10/24/2024
Parameters	
VOCs	<GWPS
sVOCs	<GWPS
As(d)	19.0 *
PCBs	<GWPS
Total CN	<6.0
Free CN	<5.0

SB-2-GW	
Depth (feet):	'18-28
Sample Date:	10/23/2024
Parameters	
VOCs	<GWPS
sVOCs	<GWPS
As(d)	37.0 *
PCBs	<GWPS
Total CN	<6.0
Free CN	<5.0

SB-3-GW	
Depth (feet):	'18-28
Sample Date:	10/24/2024
Parameters	
VOCs	<GWPS
sVOCs	<GWPS
As(d)	21.0 *
PCBs	<GWPS
Total CN	<6.0
Free CN	<5.0

U.S. EPA 2024 RSLs	Ground Water Protection Standard (GWPS)
Volatile Organic Compounds (VOCs)	
Bromomethane (methyl bromide) (MBr)	0.75
cis-1,2-Dichloroethene (DCE)	70
Trichloroethene (TCE)	5
Semi-Volatile Organic Compounds (sVOCs)	
Benzo(a)anthracene (BaA)	0.03
Benzo(a)pyrene (BaP)	0.20
Benzo(b)fluoranthene (BbF)	0.25
Bis(2-ethylhexyl)phthalate (DEHP)	6
Indeno(1,2,3-cd)pyrene (IP)	0
Dibenz(a,h)anthracene (DBA)	0
Naphthalene (Nap)	0.12
Metals	
Arsenic, dissolved (As(d))	10
Lead (Pb)	10
Chromium, dissolved (Cr (d))	100
Hexavalent Chromium (Cr VI)	0.110
Lead, dissolved (Pb(d))	10
Polychlorinated Biphenyls (PCBs)	
Aroclor 1242 (Ar1242)	0.0078
Cyanide	
Total Cyanide (Total CN)	NE
Free Cyanide (Free CN)	200

Abbreviations & Notes:

NE = Not Established; U.S. EPA = United States Environmental Protection Agency

Based on the GWPS ingestion exposure route, only the dissolved fraction of metals is presented as compared to the GWPS. See associated analytical summary table for concentrations of total metals in groundwater.

Results and Screening Levels are reported in micrograms per liter (ug/L). Analyzed compounds not listed were not detected above Ohio EPA GWPS.

GWPSs are based on the U.S. EPA Regional Screening Levels (RSLs) Generic Tables April 2024 Update.

Per the U.S. EPA's RSL User's Guide, the chemical abstract services number (CAS#) for total cyanide is based on free cyanide toxicity. Since cyanide speciation was performed as part of Site investigation, the total cyanide RSL is listed as NE and free cyanide results are compared to the U.S. EPA RSL.

The following denote the color of screening level exceedances:

* = At or Above Ohio EPA GWPS

Subject Property

Grab Groundwater Sample

Material Sciences Corporation
Canfield

On-Site -
Grab Groundwater Results Map

460 West Main Street
Canfield, Ohio 44406

N

0 50 100 ft

Nearmap Aerial Imagery:
June 15, 2024

4401 Rockside Road, Suite 300
Independence, Ohio 44131
(330) 576-3229

August Mack ENVIRONMENTAL

PROJECT NO.: JY2380.372	DATE: 12/12/2024
	SCALE: 1:1,000
FIGURE: 4	CREATED BY: CC

SB-35			
Depth (feet):	**0.0-0.5**	**0.5-1.0**	**2.0-2.5**
Sample Date:	10/09/2024	10/09/2024	10/09/2024
Parameters			
BaP	**0.220** *	**0.110** *	<0.067
BbF	**0.430**	**0.220**	**0.074**
DBA	**0.045**	<0.082	<0.067
As	**6.9** **	**12.0** **	**9.2** **
Cd	**0.520**	**0.460**	**0.250**
Cr(VI)	<6.0 E	<0.28	<2.3 E
Pb	**29.0**	**32.0**	**24.0**
Zn	**21,000** *	**1,500**	**1,200**
Cyanide (Total)	**860** **	**14.0** *	**8.5** *

SB-29			
Depth (feet):	**0.0-0.5**	**0.5-1.0**	**2.0-2.5**
Sample Date:	10/08/2024	10/08/2024	10/08/2024
Parameters			
BaP	**0.110** *	**0.120** *	**0.019**
BbF	**0.250**	**0.260**	**0.036**
DBA	<0.094	<0.077	<0.053
As	**7.3** **	**9.2** **	**5.6** **
Cd	**0.500**	**0.500**	**0.170**
Cr(VI)	<1.6 E	<1.4 E	<1.9 E
Pb	**27.0**	**42.0**	**14.0**
Zn	**4,700** *	**170**	**69.0**
Cyanide (Total)	**450** **	**220** **	**6.6** *

SB-30			
Depth (feet):	**0.0-0.5**	**0.5-1.0**	**2.0-2.5**
Sample Date:	10/09/2024	10/09/2024	10/09/2024
Parameters			
BaP	**0.230** *	**0.066**	**0.023**
BbF	**0.420**	**0.110**	**0.042**
DBA	**0.047**	<0.057	<0.050
As	**7.0** **	**9.2** **	**8.3** **
Cd	**0.430**	**0.240**	**0.240**
Cr(VI)	<2.8 E	<2.0 E	<0.19
Pb	**23.0**	**370** *	**19.0**
Zn	**22,000** *	**300**	**230**
Cyanide (Total)	**320** **	**28.0** **	**24.0** **

SB-31			
Depth (feet):	**0.0-0.5**	**0.5-1.0**	**2.0-2.5**
Sample Date:	10/09/2024	10/09/2024	10/09/2024
Parameters			
BaP	**0.480** *	**0.087**	**0.030**
BbF	**0.960**	**0.150**	**0.057**
DBA	**0.088**	<0.058	<0.073
As	**8.2** **	**11.0** **	**10.0** **
Cd	**0.350**	**0.320**	**0.140**
Cr(VI)	<2.7 E	<2.2 E	<2.5 E
Pb	**23.0**	**31.0**	**18.0**
Zn	**9,500** *	**600**	**320**
Cyanide (Total)	**690** **	**37.0** **	**17.0** **

U.S. EPA 2024 RSLs	RESIDENT SOIL RSLs (*)	INDUSTRIAL SOIL RSLs (**)
Semi-Volatile Organic Compounds (sVOCs)		
Benzo(a)pyrene (BaP)	**0.11**	**2**
Benzo(b)fluoranthene (BbF)	**1.1**	**21**
Dibenz(a,h)anthracene (DBA)	**0.11**	**2**
Metals		
Arsenic (As)	**0.68**	**3**
Cadmium (Cd)	**0.71**	**10**
Chromium (Hexavalent) (Cr(VI))	**0.3**	**6**
Lead	**200**	**800**
Zinc (Zn)	**2,300**	**35,000**
Cyanide		
Total Cyanide (CN)	**2.3**	**15**

Abbreviations & Notes:

BRL = Below Laboratory Reporting Limits

RSLs = Regional Screening Levels

U.S. EPA = United States Environmental Protection Agency

Other analyzed compounds not listed were detected at concentrations below applicable RSLs (<RSLs).

Results and U.S. EPA Screening Levels are reported in miligrams per kilogram (mg/kg).

U.S. EPA RSLs are based on the Regional Screening Levels Generic Tables April 2024 Update.

RSLs are based on a 1E-6 target cancer risk and a 0.1 target hazard quotient (THQ).

The following denote the color of screening level exceedances:

* = At or Above U.S. EPA 2024 Resident Soil RSLs

** = At or Above U.S. EPA 2024 Industrial Soil RSLs

SB-28			
Depth (feet):	**0.0-0.5**	**0.5-1.0**	**2.0-2.5**
Sample Date:	10/08/2024	10/08/2024	10/08/2024
Parameters			
BaP	**0.230** *	**0.033**	**0.018**
BbF	**0.460**	**0.065**	**0.031**
DBA	**0.042**	<0.056	<0.049
As	**8.7** **	**6.6** **	**11.0** **
Cd	**0.420**	**0.440**	**0.064**
Cr(VI)	<3.7 E	<1.9 E	<0.17
Pb	**28.0**	**31.0**	**11.0**
Zn	**2,300** *	**240**	**45.0**
Cyanide (Total)	**270** **	**9.0** *	**6.9** *

SB-26			
Depth (feet):	**0.0-0.5**	**0.5-1.0**	**2.0-2.5**
Sample Date:	10/08/2024	10/08/2024	10/08/2024
Parameters			
BaP	**0.270** *	**0.035**	<0.050
BbF	**0.550**	**0.055**	<0.050
DBA	**0.058**	<0.058	<0.050
As	**12.0** **	**6.0** **	**7.8** **
Cd	**0.480**	**0.250**	**0.100**
Cr(VI)	<3.5 E	<2.1 E	<0.88 E
Pb	**30.0**	**28.0**	**9.9**
Zn	**2,300** *	**99.0**	**60.0**
Cyanide (Total)	**380** **	**20.0** **	**9.9** *

SB-36			
Depth (feet):	**0.0-0.5**	**0.5-1.0**	**2.0-2.5**
Sample Date:	10/09/2024	10/09/2024	10/09/2024
Parameters			
BaP	**0.410** *	**0.370** *	**0.051**
BbF	**0.820**	**0.780**	**0.087**
DBA	**0.083**	**0.078**	<0.051
As	**8.1** **	**11.0** **	**7.5** **
Cd	**0.430**	**0.380**	**0.230**
Cr(VI)	<2.3 E	<2.1 E	<0.18
Pb	**26.0**	**27.0**	**21.0**
Zn	**20,000** *	**810**	**290**
Cyanide (Total)	**700** **	**6.5** *	<6.0 E

SB-32			
Depth (feet):	**0.0-0.5**	**0.5-1.0**	**2.0-2.5**
Sample Date:	10/09/2024	10/09/2024	10/09/2024
Parameters			
BaP	**0.350** *	**0.310** *	**0.040**
BbF	**0.750**	**0.560**	**0.082**
DBA	**0.072**	**0.053**	<0.057
As	**7.5** **	**12.0** **	**9.4** **
Cd	**0.310**	**0.370**	**0.098**
Cr(VI)	<2.2 E	<2.1 E	<2.1 E
Pb	**25.0**	**32.0**	**17.0**
Zn	**21,000** *	**1,700**	**790**
Cyanide (Total)	**700** **	**260** **	**60.0** **

SB-33			
Depth (feet):	**0.0-0.5**	**0.5-1.0**	**2.0-2.5**
Sample Date:	10/09/2024	10/09/2024	10/09/2024
Parameters			
BaP	**0.470** *	**0.120** *	<0.048
BbF	**1.1** *	**0.200**	<0.048
DBA	**0.097**	**0.020**	<0.048
As	**11.0** **	**14.0** **	**11.0** **
Cd	**0.390**	**0.120**	**0.078**
Cr(VI)	<4.1 E	**0.250**	<0.17
Pb	**29.0**	**15.0**	**13.0**
Zn	**7,600** *	**280**	**190**
Cyanide (Total)	**390** **	**36.0** **	**8.1** *

SB-25			
Depth (feet):	**0.0-0.5**	**0.5-1.0**	**2.0-2.5**
Sample Date:	10/08/2024	10/08/2024	10/08/2024
Parameters			
BaP	**0.350** *	**0.100**	<0.050
BbF	**0.690**	**0.200**	<0.050
DBA	**0.069**	<0.078	<0.050
As	**17.0** **	**9.8** **	**4.1** **
Cd	**0.520**	**0.500**	**0.048**
Cr(VI)	<4.1 E	<1.3 E	<0.90 E
Pb	**28.0**	**40.0**	**9.4**
Zn	**16,000** *	**380**	**81.0**
Cyanide (Total)	**860** **	**74.0** **	**22.0** **

SB-24			
Depth (feet):	**0.0-0.5**	**0.5-1.0**	**2.0-2.5**
Sample Date:	10/08/2024	10/08/2024	10/08/2024
Parameters			
BaP	**0.590** *	**0.130** *	<0.050
BbF	**1.3** *	**0.250**	**0.026**
DBA	**0.140** *	**0.027**	<0.050
As	**7.8** **	**10.0** **	**7.6** **
Cd	**0.310**	**0.520**	**0.120**
Cr(VI)	<2.3 E	<1.0 E	<0.89 E
Pb	**22.0**	**36.0**	**10.0**
Zn	**24,000** *	**620**	**150**
Cyanide (Total)	**940** **	**24.0** **	**30.0** **

SB-27			
Depth (feet):	**0.0-0.5**	**0.5-1.0**	**2.0-2.5**
Sample Date:	10/08/2024	10/08/2024	10/08/2024
Parameters			
BaP	**0.300** *	**0.280** *	**0.018**
BbF	**0.610**	**0.460**	**0.035**
DBA	**0.066**	**0.060**	<0.051
As	**9.3** **	**19.0** **	**8.8** **
Cd	**0.330**	**0.870** *	**0.110**
Cr(VI)	**13.0** **	<0.22	<0.18
Pb	**26.0**	**83.0**	**13.0**
Zn	**7,500** *	**1,400**	**360**
Cyanide (Total)	**930** **	**100** **	**100** **

SB-23			
Depth (feet):	**0.0-0.5**	**0.5-1.0**	**2.0-2.5**
Sample Date:	10/08/2024	10/08/2024	10/08/2024
Parameters			
BaP	**0.370** *	**0.430** *	<0.049
BbF	**0.760**	**0.800**	**0.028**
DBA	**0.068**	**0.086**	<0.049
As	**11.0** **	**12.0** **	**15.0** **
Cd	**0.260**	**0.190**	**0.051**
Cr(VI)	<0.23	<1.0 E	<0.17
Pb	**22.0**	**20.0**	**13.0**
Zn	**9,400** *	**2,100**	**260**
Cyanide (Total)	**600** **	**240** **	**87.0** **

SB-34			
Depth (feet):	**0.0-0.5**	**0.5-1.0**	**2.0-2.5**
Sample Date:	10/08/2024	10/08/2024	10/08/2024
Parameters			
BaP	**0.610** *	**0.035**	**0.021**
BbF	**1.1** *	**0.065**	**0.039**
DBA	**0.120** *	<0.049	<0.047
As	**10.0** **	**14.0** **	**12.0** **
Cd	**0.390**	**0.088**	**0.120**
Cr(VI)	<1.1 E	<0.16	<0.16
Pb	**28.0**	**14.0**	**13.0**
Zn	**3,700** *	**180**	**200**
Cyanide (Total)	**500** **	**63.0** **	**21.0** **

SB-28 SB-29 SB-30 SB-31 SB-35 SB-26 SB-36 SB-32 SB-25 SB-27 SB-33 SB-24 SB-34 SB-23

Soil Sample

Nearmap Aerial Imagery: June 15, 2024

Material Sciences Corporation Canfield

Surface Water Feature - Soil Analytical Results Map

460 West Main Street
Canfield, Ohio 44406

N

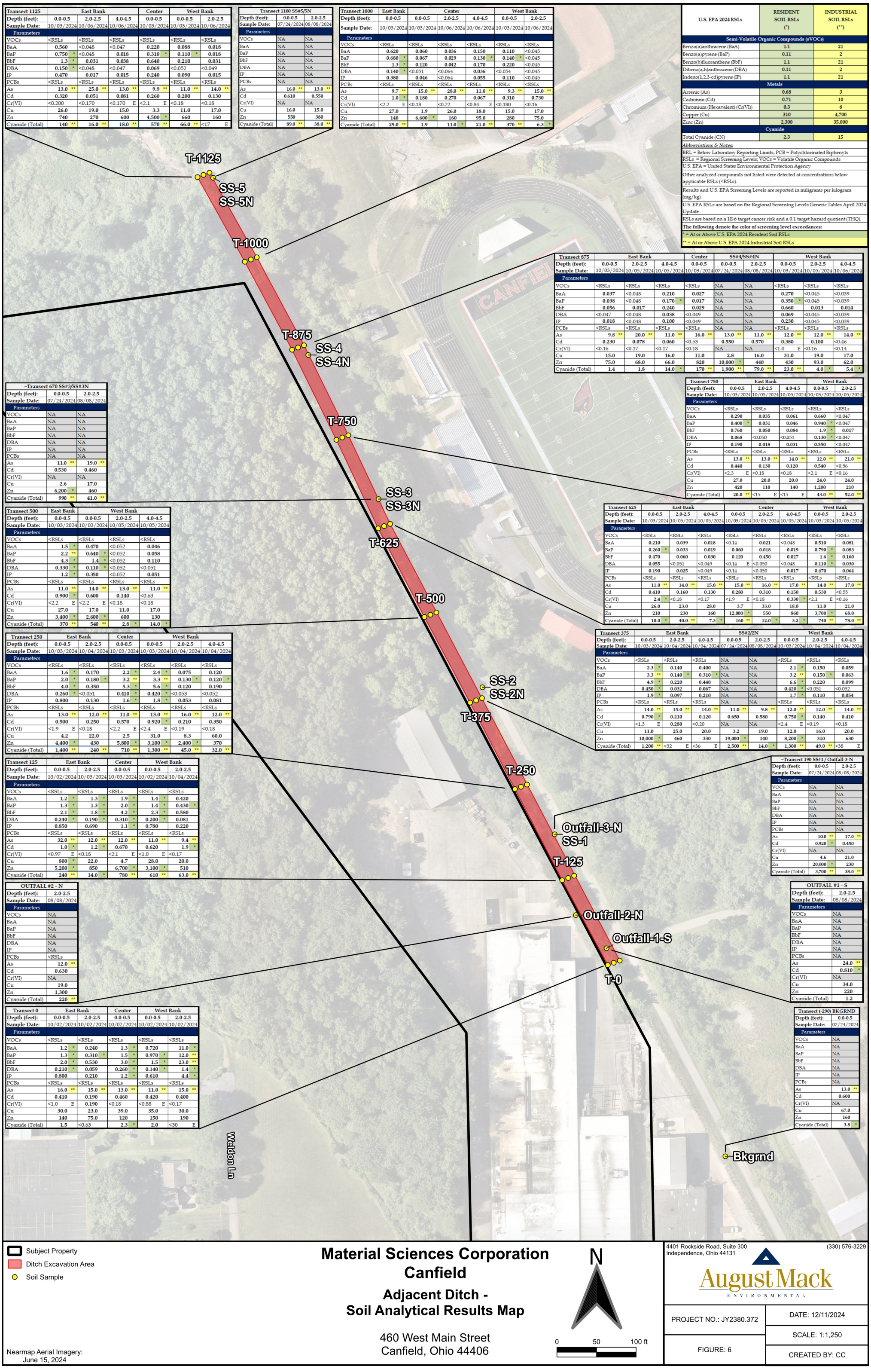
0 10 20 ft

4401 Rockside Road, Suite 300
Independence, Ohio 44131
(330) 576-3229
August Mack ENVIRONMENTAL

PROJECT NO.: JY2380.372 | DATE: 12/10/2024

SCALE: 1:250

FIGURE: 5 | CREATED BY: CC



Transect 1125	East Bank			Center	West Bank	
Depth (feet):	0.0-0.5	2.0-2.5	4.0-4.5	0.0-0.5	0.0-0.5	2.0-2.5
Sample Date:	10/03/2024	10/06/2024	10/06/2024	10/03/2024	10/03/2024	10/06/2024
Parameters						
VOCs	<RSLs	<RSLs	<RSLs	<RSLs	<RSLs	<RSLs
BaA	0.560	<0.048	<0.047	0.220	0.088	0.018
BaP	0.750 *	<0.048	0.018	0.310 *	0.110 *	0.018
BbF	1.3 *	0.031	0.038	0.640	0.210	0.031
DBA	0.150 *	<0.048	<0.047	0.069	<0.052	<0.049
IP	0.470	0.017	0.015	0.240	0.090	0.015
PCBs	<RSLs	<RSLs	<RSLs	<RSLs	<RSLs	<RSLs
As	13.0 **	25.0 **	13.0 **	9.9 **	11.0 **	14.0 **
Cd	0.320	0.051	0.081	0.260	0.200	0.130
Cr(VI)	<0.200	<0.170	<0.170 E	<2.1 E	<0.18	<0.18
Cu	26.0	19.0	15.0	3.3	11.0	17.0
Zn	740	270	600	4,500 *	660	160
Cyanide (Total)	140 **	16.0 **	18.0 **	570 **	66.0 **	<17 E

Transect 1100 SS#5/5N	East Bank	
Depth (feet):	0.0-0.5	2.0-2.5
Sample Date:	07/24/2024	08/08/2024
Parameters		
VOCs	NA	NA
BaA	NA	NA
BaP	NA	NA
BbF	NA	NA
DBA	NA	NA
IP	NA	NA
PCBs	NA	NA
As	16.0 **	13.0 **
Cd	0.610	0.550
Cr(VI)	NA	NA
Cu	16.0	15.0
Zn	550	380
Cyanide (Total)	89.0 **	38.0 **

Transect 1000	East Bank	Center			West Bank	
Depth (feet):	0.0-0.5	0.0-0.5	2.0-2.5	4.0-4.5	0.0-0.5	2.0-2.5
Sample Date:	10/03/2024	10/03/2024	10/06/2024	10/06/2024	10/03/2024	10/06/2024
Parameters						
VOCs	<RSLs	<RSLs	<RSLs	<RSLs	<RSLs	<RSLs
BaA	0.620	0.060	0.036	0.150	0.110	<0.045
BaP	0.680 *	0.067	0.029	0.130 *	0.140 *	<0.045
BbF	1.3 *	0.120	0.042	0.170	0.220	<0.045
DBA	0.140 *	<0.051	<0.064	0.036	<0.054	<0.045
IP	0.380	0.046	<0.064	0.055	0.110	<0.045
PCBs	<RSLs	<RSLs	<RSLs	<RSLs	<RSLs	<RSLs
As	9.7 **	15.0 **	28.0 **	11.0 **	9.3 **	15.0 **
Cd	1.0 *	0.180	0.270	0.067	0.310	0.730
Cr(VI)	<2.2 E	<0.18	<0.22	<0.84 E	<0.180	<0.16
Cu	27.0	1.9	26.0	18.0	15.0	17.0
Zn	140	6,600 *	160	95.0	280	75.0
Cyanide (Total)	29.0 **	1.9	11.0 *	21.0 **	370 **	6.3 *

U.S. EPA 2024 RSLs	RESIDENT SOIL RSLs (*)	INDUSTRIAL SOIL RSLs (**)
Semi-Volatile Organic Compounds (sVOCs)		
Benzo(a)anthracene (BaA)	1.1	21
Benzo(a)pyrene (BaP)	0.11	2
Benzo(b)fluoranthene (BbF)	1.1	21
Dibenz(a,h)anthracene (DBA)	0.11	2
Indeno(1,2,3-cd)pyrene (IP)	1.1	21
Metals		
Arsenic (As)	0.68	3
Cadmium (Cd)	0.71	10
Chromium (Hexavalent) (Cr(VI))	0.3	6
Copper (Cu)	310	4,700
Zinc (Zn)	2,300	35,000
Cyanide		
Total Cyanide (CN)	2.3	15

Abbreviations & Notes:

BRL = Below Laboratory Reporting Limits; PCB = Polychlorinated Biphenyls

RSLs = Regional Screening Levels; VOCs = Volatile Organic Compounds

U.S. EPA = United States Environmental Protection Agency

Other analyzed compounds not listed were detected at concentrations below applicable RSLs (<RSLs).

Results and U.S. EPA Screening Levels are reported in miligrams per kilogram (mg/kg).

U.S. EPA RSLs are based on the Regional Screening Levels Generic Tables April 2024 Update.

RSLs are based on a 1E-6 target cancer risk and a 0.1 target hazard quotient (THQ).

The following denote the color of screening level exceedances:

* = At or Above U.S. EPA 2024 Resident Soil RSLs

** = At or Above U.S. EPA 2024 Industrial Soil RSLs

Transect 875	East Bank			Center	SS#4/SS#4N		West Bank		
Depth (feet):	0.0-0.5	2.0-2.5	4.0-4.5	0.0-0.5	0.0-0.5	2.0-2.5	0.0-0.5	2.0-2.5	4.0-4.5
Sample Date:	10/03/2024	10/05/2024	10/05/2024	10/03/2024	07/24/2024	08/08/2024	10/03/2024	10/05/2024	10/06/2024
Parameters									
VOCs	<RSLs	<RSLs	<RSLs	<RSLs	NA	NA	<RSLs	<RSLs	<RSLs
BaA	0.037	<0.048	0.210	0.027	NA	NA	0.270	<0.045	<0.039
BaP	0.038	<0.048	0.170 *	0.017	NA	NA	0.350 *	<0.045	<0.039
BbF	0.056	0.017	0.240	0.029	NA	NA	0.660	0.013	0.014
DBA	<0.047	<0.048	0.038	<0.049	NA	NA	0.069	<0.045	<0.039
IP	0.018	<0.048	0.100	<0.049	NA	NA	0.230	<0.045	<0.039
PCBs	<RSLs	<RSLs	<RSLs	<RSLs	NA	NA	<RSLs	<RSLs	<RSLs
As	9.8 **	20.0 **	11.0 **	16.0 **	13.0 **	11.0 **	12.0 **	12.0 **	14.0 **
Cd	0.230	0.078	0.060	<0.53	0.550	0.570	0.380	0.100	<0.46
Cr(VI)	<0.16	<0.17	<0.17	<0.18	NA	NA	<1.0 E	<0.16	<0.14
Cu	15.0	19.0	16.0	11.0	2.8	16.0	31.0	19.0	17.0
Zn	75.0	68.0	66.0	820	10,000 *	440	430	93.0	62.0
Cyanide (Total)	1.4	1.8	14.0 *	170 **	1,900 **	79.0 **	23.0 **	4.0 *	5.4 *

Transect 750	East Bank			West Bank	
Depth (feet):	0.0-0.5	2.0-2.5	4.0-4.5	0.0-0.5	2.0-2.5
Sample Date:	10/03/2024	10/05/2024	10/05/2024	10/03/2024	10/05/2024
Parameters					
VOCs	<RSLs	<RSLs	<RSLs	<RSLs	<RSLs
BaA	0.290	0.035	0.061	0.660	<0.047
BaP	0.400 *	0.031	0.046	0.940 *	<0.047
BbF	0.760	0.050	0.084	1.9 *	0.017
DBA	0.068	<0.050	<0.051	0.130 *	<0.047
IP	0.190	0.018	0.031	0.550	<0.047
PCBs	<RSLs	<RSLs	<RSLs	<RSLs	<RSLs
As	13.0 **	13.0 **	14.0 **	12.0 **	21.0 **
Cd	0.440	0.130	0.120	0.540	<0.56
Cr(VI)	<2.3 E	<0.18	<0.18	<2.1 E	<0.16
Cu	27.0	20.0	20.0	24.0	24.0
Zn	420	110	140	1,200	210
Cyanide (Total)	20.0 **	<15 E	<15 E	43.0 **	52.0 **

~Transect 670 SS#3/SS#3N	East Bank	
Depth (feet):	0.0-0.5	2.0-2.5
Sample Date:	07/24/2024	08/08/2024
Parameters		
VOCs	NA	NA
BaA	NA	NA
BaP	NA	NA
BbF	NA	NA
DBA	NA	NA
IP	NA	NA
PCBs	NA	NA
As	11.0 **	19.0 **
Cd	0.530	0.460
Cr(VI)	NA	NA
Cu	2.6	17.0
Zn	6,200 *	460
Cyanide (Total)	990 **	41.0 **

Transect 625	East Bank			Center			West Bank	
Depth (feet):	0.0-0.5	2.0-2.5	4.0-4.5	0.0-0.5	2.0-2.5	4.0-4.5	0.0-0.5	2.0-2.5
Sample Date:	10/03/2024	10/05/2024	10/05/2024	10/03/2024	10/05/2024	10/05/2024	10/03/2024	10/05/2024
Parameters								
VOCs	<RSLs	<RSLs	<RSLs	<RSLs	<RSLs	<RSLs	<RSLs	<RSLs
BaA	0.210	0.039	0.018	<0.14	0.021	<0.048	0.510	0.081
BaP	0.260 *	0.033	0.019	0.060	0.018	0.019	0.790 *	0.083
BbF	0.470	0.060	0.030	0.120	0.450	0.027	1.6 *	0.160
DBA	0.055	<0.051	<0.049	<0.14 E	<0.050	<0.048	0.110 *	0.030
IP	0.190	0.025	<0.049	<0.14	<0.050	0.017	0.470	0.064
PCBs	<RSLs	<RSLs	<RSLs	<RSLs	<RSLs	<RSLs	<RSLs	<RSLs
As	11.0 **	14.0 **	15.0 **	15.0 **	16.0 **	17.0 **	14.0 **	17.0 **
Cd	0.410	0.160	0.130	0.280	0.310	0.150	0.530	<0.55
Cr(VI)	2.4 *	<0.18	<0.17	<1.9 E	<0.18	0.330 *	<2.1 E	<0.16
Cu	26.0	23.0	28.0	3.7	33.0	18.0	11.0	21.0
Zn	210	230	160	12,000 *	550	860	3,700 *	68.0
Cyanide (Total)	10.0 *	40.0 **	7.3 *	160 **	12.0 *	3.2 *	740 **	78.0 **

Transect 500	East Bank	West Bank		
Depth (feet):	0.0-0.5	0.0-0.5	2.0-2.5	4.0-4.5
Sample Date:	10/03/2024	10/03/2024	10/05/2024	10/05/2024
Parameters				
VOCs	<RSLs	<RSLs	<RSLs	<RSLs
BaA	1.5 *	0.470	<0.052	0.046
BaP	2.2 **	0.640 *	<0.052	0.058
BbF	4.3 *	1.4 *	<0.052	0.110
DBA	0.330 *	0.110 *	<0.052	<0.051
IP	1.2 *	0.350	<0.052	0.051
PCBs	<RSLs	<RSLs	<RSLs	<RSLs
As	11.0 **	14.0 **	13.0 **	11.0 **
Cd	0.900 *	0.600	0.140	<0.63
Cr(VI)	<2.2 E	<2.2 E	<0.18	<0.18
Cu	27.0	17.0	11.0	17.0
Zn	3,400 *	2,600 *	600	130
Cyanide (Total)	370 **	540 **	2.8 *	14.0 *

Transect 375	East Bank			SS#2/2N		West Bank		
Depth (feet):	0.0-0.5	2.0-2.5	4.0-4.5	0.0-0.5	2.0-2.5	0.0-0.5	2.0-2.5	4.0-4.5
Sample Date:	10/03/2024	10/04/2024	10/04/2024	07/24/2024	08/08/2024	10/03/2024	10/04/2024	10/04/2024
Parameters								
VOCs	<RSLs	<RSLs	<RSLs	NA	NA	<RSLs	<RSLs	<RSLs
BaA	2.3 *	0.140	0.400	NA	NA	2.1 *	0.150	0.059
BaP	3.3 **	0.140 *	0.310 *	NA	NA	3.2 **	0.150 *	0.063
BbF	4.9 *	0.220	0.440	NA	NA	6.6 *	0.220	0.099
DBA	0.450 *	0.032	0.067	NA	NA	0.420 *	<0.051	<0.052
IP	1.9 *	0.097	0.210	NA	NA	1.7 *	0.110	0.054
PCBs	<RSLs	<RSLs	<RSLs	NA	NA	<RSLs	<RSLs	<RSLs
As	14.0 **	15.0 **	14.0 **	11.0 **	9.8 **	12.0 **	12.0 **	14.0 **
Cd	0.790 *	0.210	0.120	0.650	0.580	0.750 *	0.140	0.410
Cr(VI)	<1.3 E	0.280	<0.20	NA	NA	<2.4 E	<0.19	<0.18
Cu	11.0	25.0	20.0	3.2	19.0	12.0	16.0	20.0
Zn	10,000 *	460	330	19,000 *	140	8,200 *	310	630
Cyanide (Total)	1,200 **	<32 E	<36 E	2,500 **	14.0 *	1,300 **	49.0 **	<38 E

Transect 250	East Bank		Center	West Bank		
Depth (feet):	0.0-0.5	2.0-2.5	0.0-0.5	0.0-0.5	2.0-2.5	4.0-4.5
Sample Date:	10/03/2024	10/04/2024	10/03/2024	10/03/2024	10/04/2024	10/04/2024
Parameters						
VOCs	<RSLs	<RSLs	<RSLs	<RSLs	<RSLs	<RSLs
BaA	1.6 *	0.170	2.2 *	2.4 *	0.075	0.120
BaP	2.0 *	0.180 *	3.2 **	3.3 **	0.130 *	0.120 *
BbF	4.0 *	0.350	5.3 *	5.6 *	0.120	0.190
DBA	0.260 *	<0.051	0.410 *	0.420 *	<0.053	<0.052
IP	0.800	0.130	1.6 *	1.8 *	0.053	0.081
PCBs	<RSLs	<RSLs	<RSLs	<RSLs	<RSLs	<RSLs
As	13.0 **	12.0 **	11.0 **	13.0 **	16.0 **	12.0 **
Cd	0.500	0.250	0.570	0.920 *	0.210	0.350
Cr(VI)	<1.9 E	<0.18	<2.2 E	<2.4 E	<0.19	<0.18
Cu	4.2	22.0	2.5	31.0	8.3	60.0
Zn	4,400 *	430	5,800 *	3,100 *	2,400 *	370
Cyanide (Total)	1,400 **	240 **	710 **	1,300 **	45.0 **	32.0 **

~Transect 190 SS#1 / Outfall-3-N	East Bank	
Depth (feet):	0.0-0.5	2.0-2.5
Sample Date:	07/24/2024	08/08/2024
Parameters		
VOCs	NA	NA
BaA	NA	NA
BaP	NA	NA
BbF	NA	NA
DBA	NA	NA
IP	NA	NA
PCBs	NA	NA
As	10.0 **	17.0 **
Cd	0.920 *	0.450
Cr(VI)	NA	NA
Cu	4.6	21.0
Zn	20,000 *	230
Cyanide (Total)	3,700 **	38.0 **

Transect 125	East Bank		Center	West Bank	
Depth (feet):	0.0-0.5	2.0-2.5	0.0-0.5	0.0-0.5	2.0-2.5
Sample Date:	10/02/2024	10/03/2024	10/03/2024	10/02/2024	10/04/2024
Parameters					
VOCs	<RSLs	<RSLs	<RSLs	<RSLs	<RSLs
BaA	1.2 *	1.3 *	1.9 *	1.4 *	0.420
BaP	1.3 *	1.3 *	2.0 *	1.4 *	0.430 *
BbF	2.1 *	1.8 *	4.2 *	2.3 *	0.580
DBA	0.240 *	0.190 *	0.310 *	0.200 *	0.081
IP	0.850	0.690	1.1 *	0.780	0.220
PCBs	<RSLs	<RSLs	<RSLs	<RSLs	<RSLs
As	32.0 **	12.0 **	12.0 **	11.0 **	9.4 **
Cd	1.0 *	1.2 *	0.670	0.620	1.9 *
Cr(VI)	<0.97 E	<0.18	<2.1 E	<1.0 E	<0.17
Cu	800 *	22.0	4.7	28.0	20.0
Zn	5,200 *	850	6,700 *	3,100 *	510
Cyanide (Total)	240 **	14.0 *	780 **	610 **	63.0 **

OUTFALL #1 - S	
Depth (feet):	2.0-2.5
Sample Date:	08/08/2024
Parameters	
VOCs	NA
BaA	NA
BaP	NA
BbF	NA
DBA	NA
IP	NA
PCBs	NA
As	24.0 **
Cd	0.810 *
Cr(VI)	NA
Cu	34.0
Zn	220
Cyanide (Total)	1.2

OUTFALL #2 - N	
Depth (feet):	2.0-2.5
Sample Date:	08/08/2024
Parameters	
VOCs	NA
BaA	NA
BaP	NA
BbF	NA
DBA	NA
IP	NA
PCBs	<RSLs
As	12.0 **
Cd	0.630
Cr(VI)	NA
Cu	19.0
Zn	1,300
Cyanide (Total)	220 **

Transect 0	East Bank		Center	West Bank	
Depth (feet):	0.0-0.5	2.0-2.5	0.0-0.5	0.0-0.5	2.0-2.5
Sample Date:	10/02/2024	10/02/2024	10/02/2024	10/02/2024	10/02/2024
Parameters					
VOCs	<RSLs	<RSLs	<RSLs	<RSLs	<RSLs
BaA	1.2 *	0.240	1.3 *	0.720	11.0 *
BaP	1.3 *	0.310 *	1.5 *	0.970 *	12.0 **
BbF	2.0 *	0.530	3.0 *	1.5 *	23.0 **
DBA	0.210 *	0.059	0.260 *	0.140 *	1.4 *
IP	0.800	0.210	1.2 *	0.610	4.4 *
PCBs	<RSLs	<RSLs	<RSLs	<RSLs	<RSLs
As	16.0 **	15.0 **	13.0 **	11.0 **	15.0 **
Cd	0.410	0.190	0.460	0.420	0.400
Cr(VI)	<1.0 E	0.190	<0.18	<0.88 E	<0.17
Cu	30.0	23.0	39.0	35.0	30.0
Zn	140	75.0	120	150	190
Cyanide (Total)	1.5	<0.63	2.3 *	2.0	<30 E

Transect (-290) BKGRND	
Depth (feet):	0.0-0.5
Sample Date:	07/24/2024
Parameters	
VOCs	NA
BaA	NA
BaP	NA
BbF	NA
DBA	NA
IP	NA
PCBs	NA
As	13.0 **
Cd	0.600
Cr(VI)	NA
Cu	67.0
Zn	160
Cyanide (Total)	3.8 *

Subject Property

Ditch Excavation Area

Soil Sample

Nearmap Aerial Imagery: June 15, 2024

Material Sciences Corporation Canfield

Adjacent Ditch - Soil Analytical Results Map

460 West Main Street
Canfield, Ohio 44406

N

0 50 100 ft

4401 Rockside Road, Suite 300
Independence, Ohio 44131
(330) 576-3229

August Mack ENVIRONMENTAL

PROJECT NO.: JY2380.372

DATE: 12/11/2024

FIGURE: 6

SCALE: 1:1,250

CREATED BY: CC

Transect 100	North Bank		South Bank	
Depth (feet):	0.0-0.5		0.0-0.5	2.0-2.5
Sample Date:	10/25/2024		10/25/2024	10/28/2024
Parameters				
BaA	**1.5**	*	**0.740**	<0.052
BaP	**1.9**	*	**0.910**	* <0.052
BbF	**2.9**	*	**1.3**	* <0.052
DBA	**0.310**	*	**0.140**	* <0.052
IP	**1.2**	*	**0.590**	<0.052
As	**13.0**	*	**11.0**	* **14.0** *
Cr IV	<0.180		**0.220**	<0.520
Zn	**1,200**		**1,000**	**55.0**
Total CN	**7.7**	*	**130**	* **0.660**

Transect 375	North Bank		Center		South Bank	
Depth (feet):	0.0-0.5		0.0-0.5		0.0-0.5	2.0-2.5
Sample Date:	10/25/2024		10/25/2024		10/25/2024	10/25/2024
Parameters						
BaA	**0.570**		**0.210**		**0.300**	<0.020
BaP	**0.730**	*	**0.270**	*	**0.430** *	**0.021**
BbF	**1.1**	*	**0.450**		**0.770**	**0.035**
DBA	**0.140**	*	**0.064**		**0.120** *	<0.020
IP	**0.560**		**0.230**		**0.370**	**0.016**
As	**9.9**	*	**12.0**	*	**12.0** *	**5.3** *
Cr IV	<0.170		<0.200		<0.260	<0.180
Zn	**740**		**2,400**	*	**4,800** *	**140**
Total CN	**57.0**	*	**190**	*	**270** *	**40.0** *

Transect 625	North Bank		South Bank	
Depth (feet):	0.0-0.5		0.0-0.5	2.0-2.5
Sample Date:	10/24/2024		10/24/2024	10/24/2024
Parameters				
BaA	**0.039**		**0.320**	**0.024**
BaP	**0.050**		**0.330** *	**0.026**
BbF	**0.078**		**0.530**	**0.044**
DBA	<0.021		**0.060**	<0.018
IP	**0.036**		**0.230**	**0.020**
As	**16.0**	*	**9.8** *	**13.0** *
Cr IV	<0.190		<0.180	<0.170
Zn	**130**		**1,300**	**140**
Total CN	**11.0**	*	**21.0** *	**26.0** *

Transect 875	North Bank			Center		South Bank	
Depth (feet):	0.0-0.5		2.0-2.5	1.0-1.5		0.0-0.5	1.5-2.0
Sample Date:	10/23/2024		10/24/2024	10/24/2024		10/23/2024	10/23/2024
Parameters							
BaA	<0.020		<0.020	<0.019		**0.550**	**0.024**
BaP	<0.018		<0.018	<0.018		**0.740** *	**0.020**
BbF	<0.016		<0.016	**0.016**		**1.2** *	**0.041**
DBA	<0.020		<0.020	<0.019		**0.110** *	<0.019
IP	<0.016		<0.016	<0.015		**0.400**	**0.017**
As	**13.0**	*	**11.0** *	**14.0** *		**11.0** *	**19.0** *
Cr IV	<0.180		<0.180	<0.170		<0.210	<0.170
Zn	**160**		**68.0**	**120**		**1,300**	**53.0**
Total CN	**24.0**	*	**1.1**	**1.3**		**160** *	**8.2** *

Transect 1125	North Bank			South Bank	
Depth (feet):	0.0-0.5		2.0-2.5	0.0-0.5	2.0-2.5
Sample Date:	10/21/2024		10/21/2024	10/21/2024	10/21/2024
Parameters					
BaA	**0.650**		**0.022**	**0.590**	**0.026**
BaP	**0.910**	*	**0.024**	**0.800** *	**0.034**
BbF	**1.6**	*	**0.041**	**1.5** *	**0.050**
DBA	**0.130**	*	<0.019	**0.140** *	<0.019
IP	**0.520**		<0.015	**0.600**	**0.021**
As	**13.0**	*	**16.0** *	**13.0** *	**11.0** *
Cr IV	<0.250		<0.180	<0.240	<0.170
Zn	**1,300**		**90.0**	**1,900**	**73.0**
Total CN	<42.0		**230** *	**49.0** *	**240** *

Transect 1375	North Bank			South Bank/DUP-2	
Depth (feet):	0.0-0.5		2.0-2.5	0.0-0.5	2.0-2.5
Sample Date:	10/22/2024		10/22/2024	10/22/2024	10/22/2024
Parameters					
BaA	**0.550**		**0.069**	**0.020**	<0.019
BaP	**0.810**	*	**0.094**	**0.024**	<0.018
BbF	**1.3**	*	**0.140**	**0.046**	<0.016
DBA	**0.140**	*	<0.019	<0.020	<0.019
IP	**0.590**		**0.057**	**0.022**	<0.016
As	**14.0**	*	**17.0** *	**14.0** *	**11.0** *
Cr IV	<0.260		<0.170	<0.150	<0.170
Zn	**3,700**	*	**77.0**	**150**	**72.0**
Total CN	**350**	*	**5.9** *	**21.0** *	**1.8**

Transect 1625	North Bank			Center		South Bank / DUP-3	
Depth (feet):	0.0-0.5		2.0-2.5	2.0-2.5		0.0-0.5	2.0-2.5
Sample Date:	10/23/2024		10/23/2024	10/23/2024		10/22/2024	10/23/2024
Parameters							
BaA	**0.210**		<0.020	<0.020		**0.390**	**0.029**
BaP	**0.280**	*	<0.018	<0.018		**0.550** *	**0.038**
BbF	**0.520**		<0.016	<0.016		**1.0**	**0.069**
DBA	**0.061**		<0.020	<0.020		**0.087**	**0.020**
IP	**0.240**		<0.016	<0.016		**0.420**	**0.027**
As	**9.9**	*	**50.0** *	**7.5** *		**12.0** *	**8.6** *
Cr IV	<0.240		<0.180	<0.190		<0.180	<0.170
Zn	**2,300**	*	**58.0**	**58.0**		**1,200**	**84.0**
Total CN	**220**	*	**3.9** *	**150**	*	**37.0** *	**1.2**

U.S. EPA 2024 RSLs	RESIDENT SOIL RSLs (*)
Semi-Volatile Organic Compounds (sVOCs)	
Benzo(a)anthracene (BaA)	1.1
Benzo(a)pyrene (BaP)	0.11
Benzo(b)fluoranthene (BbF)	1.1
Dibenz(a,h)anthracene (DBA)	0.11
Indeno(1,2,3-cd)pyrene (IP)	1.1
All Other Analyzed sVOCs	Varies
Metals	
Arsenic (As)	0.68
Chromium (Hexavalent) (CrVI))	0.3
Zinc (Zn)	2,300
All Other Analyzed Metals	Varies
Cyanide	
Free Cyanide (CN)	NE
Total Cyanide (CN)	2.3

Abbreviations & Notes:

BRL = Below Laboratory Reporting Limits

RSLs = Regional Screening Levels

U.S. EPA = United States Environmental Protection Agency

All results and U.S. EPA Screening Levels are reported in milligrams per kilogram (mg/kg).

U.S. EPA RSLs are based on the Regional Screening Levels Generic Tables April 2024 Update.

RSLs are based on a 1E-6 target cancer risk and a 0.1 target hazard quotient (THQ).

The following denote the color of screening level exceedances:

* = At or Above U.S. EPA 2024 Resident Soil RSLs

S Briarcliff Dr

Cardinal Dr

T2-0 T2-100 T2-250 T2-375 T2-500 T2-625 T2-750 T2-875 T2-1000 T2-1125 T2-1250 T2-1375 T2-1500 T2-1625 T2-1750 T2-1820

Transect 0	North Bank		South Bank/DUP-7	
Depth (feet):	0.0-0.5	2.0-2.5	0.0-0.5	2.0-2.5
Sample Date:	10/28/2024	10/28/2024	10/28/2024	10/28/2024
Parameters				
BaA	**0.100**	<0.053	<0.049	<0.048
BaP	**0.130** *	<0.053	<0.049	<0.048
BbF	**0.210**	<0.053	<0.049	<0.048
DBA	**0.033**	<0.053	<0.049	<0.048
IP	**0.095**	<0.053	<0.049	<0.048
As	**17.0** *	**11.0** *	**18.0** *	**28.0** *
Cr IV	<0.610	**0.940** *	**1.8** *	<0.480
Zn	**2,100**	**68.0**	**100**	**65.0**
Total CN	**230** *	**1.1**	**49.0** *	**1.6**

Transect 250	North Bank / DUP-6			South Bank
Depth (feet):	0.0-0.5		1.0-1.5	0.0-0.5
Sample Date:	10/25/2024		10/25/2024	10/25/2024
Parameters				
BaA	**2.0** *		**0.027**	**0.410**
BaP	**2.8** *		**0.034**	**0.460** *
BbF	**3.8** *		**0.057**	**0.620**
DBA	**0.400** *		<0.018	**0.081**
IP	**1.7** *		**0.025**	**0.310**
As	**13.0** *		**15.0** *	**12.0** *
Cr IV	<0.240		<0.170	<0.150
Zn	**4,100** *		**86.0**	**230**
Total CN	**170** *		**31.0** *	**33.0** *

Transect 500	North Bank		South Bank / DUP-5	
Depth (feet):	0.0-0.5	2.0-2.5	0.0-0.5	2.0-2.5
Sample Date:	10/24/2024	10/25/2024	10/24/2024	10/24/2024
Parameters				
BaA	**0.062**	<0.020	**0.130**	<0.020
BaP	**0.072**	<0.018	**0.150** *	<0.018
BbF	**0.100**	<0.016	**0.210**	<0.016
DBA	<0.020	<0.020	**0.030**	<0.020
IP	**0.053**	<0.016	**0.088**	<0.016
As	**11.0** *	**8.0** *	**15.0** *	**15.0** *
Cr IV	<0.150	<0.150	<0.150	<0.150
Zn	**260**	**61.0**	**680**	**60.0**
Total CN	**31.0** *	<0.720	**57.0** *	<0.780

Transect 750	North Bank / DUP-4		South Bank	
Depth (feet):	0.0-0.5	2.0-2.5	0.0-0.5	2.0-2.5
Sample Date:	10/24/2024	10/24/2024	10/24/2024	10/24/2024
Parameters				
BaA	**1.5** *	<0.019	**0.400**	**0.025**
BaP	**1.4** *	<0.018	**0.460** *	**0.028**
BbF	**2.0** *	<0.013	**0.740**	**0.045**
DBA	**0.210** *	<0.019	**0.084**	<0.018
IP	**0.880**	<0.013	**0.320**	**0.019**
As	**12.0** *	**7.7** *	**12.0** *	**16.0** *
Cr IV	**0.470** *	<0.170	<0.200	<0.170
Zn	**220**	**74.0**	**470**	**80.0**
Total CN	**72.0** *	**0.730**	**110** *	**4.9** *

Transect 1000	North Bank		Center		South Bank / DUP-1	
Depth (feet):	0.0-0.5		2.0-2.5		0.0-0.5	2.0-2.5
Sample Date:	10/21/2024		10/21/2024		10/21/2024	10/21/2024
Parameters						
BaA	**0.033**		**1.4** *	**0.024**	**0.900**	**0.092**
BaP	**0.045**		**1.7** *	**0.032**	**1.3** *	**0.120** *
BbF	**0.081**		**2.4** *	**0.060**	**2.1** *	**0.180**
DBA	<0.020		**0.280** *	<0.019	**0.190** *	**0.027**
IP	**0.028**		**1.1** *	**0.020**	**0.790**	**0.070**
As	**13.0** *		**27.0** *	**13.0** *	**10.0** *	**11.0** *
Cr IV	<0.190		<0.170	<0.180	<0.180	<0.220
Zn	**71.0**		**730**	**68.0**	**500**	**86.0**
Total CN	**9.2** *		**250** *	**29.0** *	**89.0** *	**93.0** *

Transect 1250	North Bank		South Bank	
Depth (feet):	0.0-0.5	2.0-2.5	0.0-0.5	2.0-2.5
Sample Date:	10/22/2024	10/22/2024	10/21/2024	10/22/2024
Parameters				
BaA	**0.510**	<0.019	**0.690**	**0.170**
BaP	**0.620** *	<0.017	**0.920** *	**0.230** *
BbF	**1.2** *	<0.015	**1.6** *	**0.310**
DBA	**0.100**	<0.019	**0.150** *	**0.045**
IP	**0.510**	<0.015	**0.630**	**0.130**
As	**11.0** *	**9.5** *	**11.0** *	**12.0** *
Cr IV	<0.210	<0.150	**1.7** *	<0.150
Zn	**1,400**	**71.0**	**4,300** *	**130**
Total CN	**220** *	**29.0** *	<47.0	**43.0** *

Transect 1500	North Bank		South Bank	
Depth (feet):	0.0-0.5	2.0-2.5	0.0-0.5	2.0-2.5
Sample Date:	10/22/2024	10/22/2024	10/22/2024	10/22/2024
Parameters				
BaA	**0.980**	<0.018	<0.018	<0.019
BaP	**1.1** *	<0.017	<0.017	<0.018
BbF	**1.6** *	**0.020**	<0.014	<0.015
DBA	**0.140** *	<0.018	<0.015	<0.019
IP	**0.680**	<0.014	<0.014	<0.015
As	**8.7** *	**13.0** *	**11.0** *	**13.0** *
Cr IV	<0.200	<0.170	<0.170	<0.170
Zn	**1,100**	**66.0**	**80.0**	**61.0**
Total CN	**120** *	**3.2** *	**7.0** *	<0.530

Transect 1750	North Bank	South Bank
Depth (feet):	0.0-0.5	0.0-0.5
Sample Date:	10/23/2024	10/23/2024
Parameters		
BaA	**0.850**	**0.420**
BaP	**1.2** *	**0.530** *
BbF	**1.8** *	**0.790**
DBA	**0.190** *	**0.096**
IP	**0.850**	**0.350**
As	**11.0** *	**7.3** *
Cr IV	**0.460** *	**0.490** *
Zn	**230**	**220**
Total CN	**15.0** *	**2.2**

Transect 1820	North Bank		Center		South Bank	
Depth (feet):	0.0-0.5		1.0-1.5		0.0-0.5	2.0-2.5
Sample Date:	10/23/2024		10/23/2024		10/23/2024	10/23/2024
Parameters						
BaA	**4.9** *		**0.610**		**0.570**	**0.190**
BaP	**5.5** *		**0.530** *		**0.710** *	**0.170** *
BbF	**7.7** *		**0.740**		**1.0**	**0.250**
DBA	**0.930** *		**0.077**		**0.100**	**0.036**
IP	**3.3** *		**0.280**		**0.420**	**0.080**
As	**7.8** *		**16.0** *		**16.0** *	**12.0** *
Cr IV	<0.220		<0.170		<0.170	<0.170
Zn	**160**		**92.0**		**150**	**61.0**
Total CN	**11.0** *		**1.5**		**1.4**	<0.560

Subject Property

Sawmill Creek

Soil Sample

Nearmap Aerial Imagery:
June 15, 2024

Material Sciences Corporation - Canfield

Sawmill Creek -
Soil Analytical Results Map

460 West Main Street
Canfield, Ohio 44406

N

0 75 150 ft

4401 Rockside Road, Suite 300
Independence, Ohio 44131
(330) 576-3229

August Mack ENVIRONMENTAL

PROJECT NO.: JY2380.372

DATE: 12/12/2024

SCALE: 1:1,500

FIGURE: 7

CREATED BY: CC

OHIO EPA
NON-DRINKING
SURFACE WATER
HUMAN HEALTH CRITERIA

Semi-Volatile Organic Compounds (sVOCs)	
Benzo(a)anthracene (BaA)	0.013
Benzo(a)pyrene (BaP)	0.0013
Benzo(b)fluoranthene (BbF)	0.013
Benzo(k)fluoranthene (BkF)	0.130
Indeno(1,2,3-cd)pyrene (IP)	0.013
Metals	
Mercury	0.012
Zinc (Zn) (Dissolved [Zn(d)])	26000
Cyanide	
Total Cyanide (CN)	NE
Free Cyanide (CN)	400

Abbreviations & Notes:

NE = Not Established; PCBs = Polychlorinated Biphenyls; VOCs = Volatile Organic Compounds

U.S. EPA = United States Environmental Protection Agency

The higher of the two values between original sample and duplicate sample is posted if a compound exceeds OH EPA Surface Water.

Results and Screening Levels are reported in micrograms per liter (ug/L). Analyzed compounds not listed were not detected above Ohio EPA Surface Water Criteria (<SurfCrit).

Per the U.S. EPA's RSL User's Guide, the chemical abstract services number (CAS#) for total cyanide is based on free cyanide toxicity. Since cyanide speciation was performed as part of Site investigation, the total cyanide OH EPA Surface Water Criteria is listed as NE and free cyanide results are compared to the OH EPA Surface Water Criteria.

The following denote the color of screening level exceedances:

^ = At or Above Ohio EPA Non-Drinking Surface Water Human Health Criteria

T-750

Transect 750 Center	
Depth (feet):	**Surface**
Sample Date:	10/07/2024
Parameters	
VOCs	<SurfCrit
BaA	<0.065
BaP	<0.17
BbF	**0.160** ^
BkF	<0.13
IP	<0.13
PCBs	<SurfCrit
Hg	<0.13
Zn	**3,200**
Zn	**2,700**
Total CN	**840**
Free CN	**46.0**

T-500

Transect 500 Center	
Depth (feet):	**Surface**
Sample Date:	10/07/2024
Parameters	
VOCs	<SurfCrit
BaA	**0.250** ^
BaP	**0.240** ^
BbF	**0.430** ^
BkF	**0.160** ^
IP	**0.160** ^
PCBs	<SurfCrit
Hg	**1.2** ^
Zn	**69,000** ^
Zn(d)	**19,000**
Total CN	**2,000**
Free CN	**94.0**

T-375

Transect 375 Center / SW-DUP-1	
Depth (feet):	**Surface**
Sample Date:	10/07/2024
Parameters	
VOCs	<SurfCrit
BaA	**0.340** ^
BaP	**0.580** ^
BbF	**1.3** ^
BkF	**0.410** ^
IP	**0.540** ^
PCBs	<SurfCrit
Hg	<0.200
Zn	**28,000** ^
Zn(d)	**970**
Total CN	**4,900**
Free CN	**83.0**

Weldon Ln

Subject Property

Surface Water Sample

Nearmap Aerial Imagery:
June 15, 2024

Material Sciences Corporation
Canfield

Adjacent Ditch - Surface Water Analytical Results Map

460 West Main Street
Canfield, Ohio 44406

N

0 50 100 ft

4401 Rockside Road, Suite 300
Independence, Ohio 44131
(330) 576-3229

August Mack ENVIRONMENTAL

PROJECT NO.: JY2380.372

DATE: 12/11/2024

SCALE: 1:1,250

FIGURE: 8

CREATED BY: CC

SB-29-SW	
Depth (feet):	Surface
Sample Date:	10/25/2024
Parameters	
VOCs	<SurfCrit
BaA	0.190 ^
BaP	0.320 ^
BbF	0.600 ^
BkF	0.180 ^
IP	0.240 ^
Metals	<SurfCrit
PCBs	<SurfCrit
Total CN	8,100
Free CN	130

SB-36-SW	
Depth (feet):	Surface
Sample Date:	10/25/2024
Parameters	
VOCs	<SurfCrit
BaA	<0.065
BaP	<0.17
BbF	<0.15
BkF	<0.13
IP	<0.13
Metals	<SurfCrit
PCBs	<SurfCrit
Total CN	2,400
Free CN	130

OHIO EPA
NON-DRINKING
SURFACE WATER
HUMAN HEALTH CRITERIA

Semi-Volatile Organic Compounds (sVOCs)	
Benzo(a)anthracene (BaA)	0.013
Benzo(a)pyrene (BaP)	0.0013
Benzo(b)fluoranthene (BbF)	0.013
Benzo(k)fluoranthene (BkF)	0.130
Indeno(1,2,3-cd)pyrene (IP)	0.013
Cyanide	
Total Cyanide (CN)	NE
Free Cyanide (CN)	400

Abbreviations & Notes:

NE = Not Established; PCBs = Polychlorinated Biphenyls; VOCs = Volatile Organic Compounds

U.S. EPA = United States Environmental Protection Agency

Results and Screening Levels are reported in micrograms per liter (ug/L). Analyzed compounds not listed were not detected above Ohio EPA Surface Water Criteria (<SurfCrit).

Per the U.S. EPA's RSL User's Guide, the chemical abstract services number (CAS#) for total cyanide is based on free cyanide toxicity. Since cyanide speciation was performed as part of Site investigation, the total cyanide OH EPA Surface Water Criteria is listed as NE and free cyanide results are compared to the OH EPA Surface Water Criteria.

The following denote the color of screening level exceedances:

^ = At or Above Ohio EPA Non-Drinking Surface Water Human Health Criteria

SB-29
SB-30
SB-28
SB-35
SB-31
SB-26
SB-36
SB-32
SB-25
SB-27
SB-33
SB-24
SB-34
SB-23

Soil Boring Location

Nearmap Aerial Imagery:
June 15, 2024

Material Sciences Corporation
Canfield

Surface Water Feature -
Surface Water Analytical Results Map

460 West Main Street
Canfield, Ohio 44406

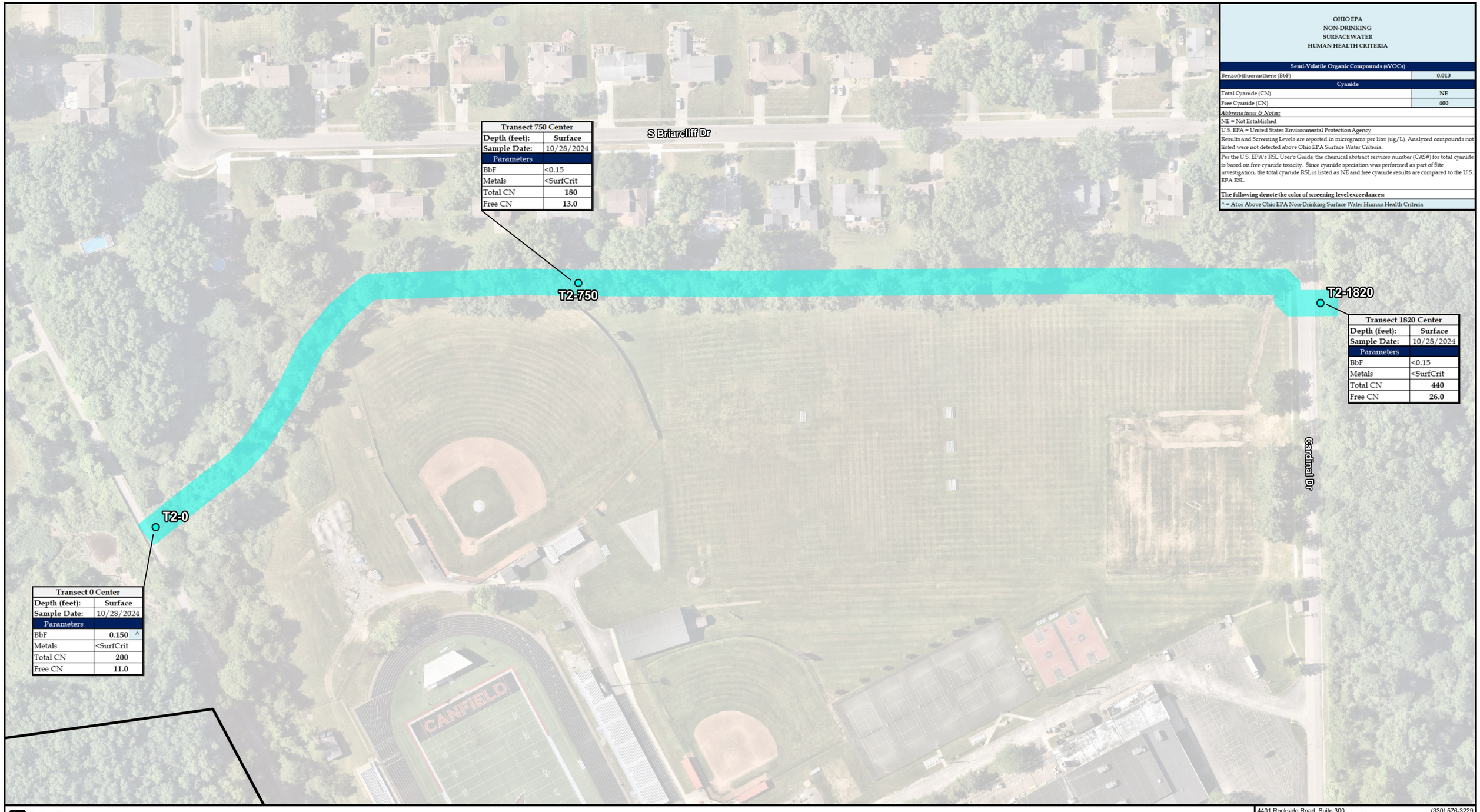
N

0 10 20 ft

4401 Rockside Road, Suite 300
Independence, Ohio 44131
(330) 576-3229

August Mack
ENVIRONMENTAL

PROJECT NO.: JY2380.372	DATE: 12/11/2024
	SCALE: 1:250
FIGURE: 9	CREATED BY: CC



Transect 750 Center	
Depth (feet):	Surface
Sample Date:	10/28/2024
Parameters	
BbF	<0.15
Metals	<SurfCrit
Total CN	**180**
Free CN	**13.0**

Transect 1820 Center	
Depth (feet):	Surface
Sample Date:	10/28/2024
Parameters	
BbF	<0.15
Metals	<SurfCrit
Total CN	**440**
Free CN	**26.0**

Transect 0 Center	
Depth (feet):	Surface
Sample Date:	10/28/2024
Parameters	
BbF	**0.150** ^
Metals	<SurfCrit
Total CN	**200**
Free CN	**11.0**

OHIO EPA
NON-DRINKING
SURFACE WATER
HUMAN HEALTH CRITERIA

Semi-Volatile Organic Compounds (sVOCs)	
Benzo(b)fluoranthene (BbF)	**0.013**
Cyanide	
Total Cyanide (CN)	**NE**
Free Cyanide (CN)	**400**

Abbreviations & Notes:

NE = Not Established

U.S. EPA = United States Environmental Protection Agency

Results and Screening Levels are reported in micrograms per liter (ug/L). Analyzed compounds not listed were not detected above Ohio EPA Surface Water Criteria.

Per the U.S. EPA's RSL User's Guide, the chemical abstract services number (CAS#) for total cyanide is based on free cyanide toxicity. Since cyanide speciation was performed as part of Site investigation, the total cyanide RSL is listed as NE and free cyanide results are compared to the U.S. EPA RSL.

The following denote the color of screening level exceedances:

^ = At or Above Ohio EPA Non-Drinking Surface Water Human Health Criteria

Subject Property

Sawmill Creek

Nearmap Aerial Imagery:
June 15, 2024

Material Sciences Corporation - Canfield

Sawmill Creek - Surface Water
Analytical Results Map

460 West Main Street
Canfield, Ohio 44406

N

0 75 150 ft

4401 Rockside Road, Suite 300
Independence, Ohio 44131
(330) 576-3229
August Mack ENVIRONMENTAL

PROJECT NO.: JY2380.372	DATE: 12/12/2024
	SCALE: 1:1,500
FIGURE: 10	CREATED BY: CC

TABLES

Table 1: Chemicals of Concern
Table 2: Summary of Groundwater Elevation Data
Table 3: On-Site Soil Boring Analytical Results
Table 4: Grab Groundwater Analytical Results
Table 5: Soil Analytical Results Surface Water Feature
Table 6: Soil Analytical Results Adjacent Ditch
Table 7: Sawmill Creek Soil Results
Table 8: Surface Water Analytical Results Adjacent Ditch, Surface Water Feature, and Sawmill Creek

TABLE 1

ANALYTICAL METHODS AND CHEMICALS OF CONCERN

Soil Samples	
Constituents of Concern	**Analytical Method**
Volatile Organic Compounds (VOCs)	U.S. EPA SW-846 Method 8260
Semi-Volatile Organic Compounds (SVOCs)	U.S. EPA SW-846 Method 8270
Arsenic (As), Barium (Ba), Cadmium (Cd), Chromium (Cr), Copper (Cu), Lead (Pb), Selenium (Se), Silver (Ag), and Zinc (Zn)	U.S. EPA SW-846 Methods 6010
Hexavalent Chromium (Cr VI)	U.S. EPA SW-846 Methods 7196
Mercury (Hg)	U.S. EPA SW-846 Methods 7471
Percent Moisture	ASTM D2974 or equivalent
Polychlorinated Biphenyls (PCBs)	U.S. EPA SW-846 Method 8082
pH/Corrosivity	U.S. EPA SW-846 Method 9045
Cyanide (Total)	U.S. EPA SW-846 Method 9012
Cyanide (Free)	U.S. EPA SW-846 Method OIA-1677
Aqueous Samples	
Constituents of Concern	**Analytical Method**
Volatile Organic Compounds (VOCs)	U.S. EPA SW-846 Method 8260
Semi-Volatile Organic Compounds (SVOCs)	U.S. EPA SW-846 Method 8270
Arsenic (As), Barium (Ba), Cadmium (Cd), Chromium (Cr), Copper (Cu), Lead (Pb), Selenium (Se), Silver (Ag), and Zinc (Zn)	U.S. EPA SW-846 Methods 6010
Hexavalent Chromium (Cr VI)	U.S. EPA SW-846 Methods 7196
Mercury (Hg)	U.S. EPA SW-846 Methods 7470
Polychlorinated Biphenyls (PCBs)	U.S. EPA SW-846 Method 8082
pH/Corrosivity	Field Measurement
Cyanide (Total)	U.S. EPA SW-846 Method 9012
Cyanide (Free)	U.S. EPA SW-846 Method OIA-1677

SUMMARY OF GROUNDWATER ELEVATIONS

August Mack ENVIRONMENTAL	Date	Top of Casing Elevation (amsl)	Depth to Water^ (ft)	Groundwater Elevation (amsl)	Measured Well Depth^ (ft)	Top of Well Screen (ft bg)	Bottom of Well Screen (ft bg)	Top of Well Screen (ft amsl)	Bottom of Well Screen (ft amsl)
MONITORING WELLS									
MW-1	11/11/2024	1139.93	6.55	1133.38	25.50	15.50	25.50	1124.18	1114.18
MW-2	11/11/2024	1137.76	6.15	1131.61	NM	15.00	25.00	1122.51	1112.51
MW-3	11/11/2024	1134.49	13.94	1120.55	26.28	16.58	26.58	1117.66	1107.66
MW-4	11/11/2024	1136.87	9.61	1127.26	25.90	17.00	27.00	1119.62	1109.62
MW-5	11/11/2024	1137.98	11.01	1126.97	26.31	16.70	26.70	1121.03	1111.03
MW-6	11/11/2024	1134.80	14.82	1119.98	25.50	15.24	25.24	1119.31	1109.31
MW-7	11/11/2024	1134.75	14.3	1120.45	27.19	17.00	27.00	1117.50	1107.50
MW-8	11/11/2024	1131.97	13.22	1118.75	21.79	11.95	21.95	1119.77	1109.77
MW-9	11/11/2024	1135.04	17.05	1117.99	28.40	15.42	25.42	1119.37	1109.37
MW-10	11/11/2024	1131.49	14.82	1116.67	26.42	13.49	23.49	1117.75	1107.75
MW-11	11/11/2024	1126.41	9.92	1116.49	25.33	12.32	22.32	1113.84	1103.84
MW-12	11/11/2024	1133.91	14.92	1118.99	24.70	14.72	24.72	1118.94	1108.94
MW-13	11/11/2024	1133.93	15.44	1118.49	24.22	14.86	24.86	1118.82	1108.82
MW-14	11/11/2024	1131.61	13.18	1118.43	24.31	14.73	24.73	1116.63	1106.63
MW-15	11/11/2024	1135.47	10.1	1125.37	26.05	16.20	26.20	1119.02	1109.02

Abbreviations & Notes
amsl = feet above mean sea level
ft = feet; ft bg= feet below grade
NA = Not Applicable; NM = Not Measured
^ = Measurement taken from top of PVC casing

Material Sciences Corporation
Canfield, Ohio

TABLE 3

SUMMARY OF SOIL ANALYTICAL DATA
ON-SITE

August Mack Project No.:
JY2380.372

	Site Areas	U.S. EPA 2024 INDUSTRIAL SOIL RSLs (**)	On-Site	On-Site	On-Site	On-Site	On-Site	On-Site	On-Site	On-Site	On-Site	On-Site	On-Site	On-Site	On-Site	On-Site	On-Site	On-Site	On-Site
	Sample Location:		SB-1		SB-2			SB-3				SB-4		SB-6			SB-7			
	Sample Depth (feet):		4.0-6.0	18.0-20.0	6.0-8.0	10.0-12.0	16.0-18.0	6.0-8.0	10.0-12.0	10.0-12.0 [DUP-6]	16.0-18.0	8.0-10.0	16.0-18.0	8.0-10.0	12.0-14.0	18.0-20.0	10.0-12.0	16.0-18.0	16.0-18.0 [DUP-5]	18.0-20.0
	Sample Date:		10/18/2024	10/18/2024	10/21/2024	10/21/2024	10/21/2024	10/22/2024	10/22/2024	10/22/2024	10/22/2024	10/18/2024	10/18/2024	10/18/2024	10/18/2024	10/18/2024	10/22/2024	10/22/2024	10/22/2024	10/22/2024
VOLATILE ORGANIC COMPOUNDS (VOCs) VIA U.S. EPA METHOD 8260																				
Acetone (2-Propanone)		**110,000**	<0.022	<0.022	<0.023	<0.023	<0.024	<0.023	**0.030**	**0.026** J	<0.022	<0.024	<0.024	<0.024	<0.025	<0.023	<0.024	**0.023** J	<0.022	**0.030**
2-Butanone (MEK)		**19,000**	<0.0038	<0.0038	<0.0038	<0.0039	<0.0041	<0.0038	<0.0039	<0.0039	**0.0051**	<0.0041	<0.0041	<0.0040	<0.0042	<0.0039	<0.0041	<0.0038	<0.0038	<0.0037
Carbon disulfide		**350**	<0.0012	<0.0012	<0.0013	<0.0013	<0.0013	<0.0013	<0.0013	**0.0018** J	<0.0012	<0.0013	<0.0014	<0.0013	<0.0014	<0.0013	<0.0013	<0.0012	<0.0012	**0.0017** J
Methyl Acetate		**120,000**	<0.0036	<0.0036	<0.0037	<0.0037	<0.0039	<0.0037	<0.0037	<0.0037	<0.0036	<0.0039	<0.0040	<0.0039	<0.0040	<0.0038	<0.0039	<0.0036	<0.0036	<0.0036
Tetrachloroethene (PCE)		**39**	<0.0021	<0.0020	<0.0021	<0.0021	<0.0022	<0.0021	<0.0021	<0.0021	<0.0020	<0.0022	<0.0022	<0.0022	<0.0023	<0.0021	<0.0022	<0.0020	<0.0020	<0.0020
Toluene		**4,700**	<0.00083	<0.00082	<0.00083	<0.00085	<0.00089	**0.0020** J	<0.00084	**0.0011** J	**0.0015** J	<0.00088	<0.00090	<0.00088	<0.00091	<0.00085	<0.00089	**0.00100** J	<0.00082	<0.00081
All Other Analyzed VOCs		**Varies**	BRL	BRL	BRL	BRL	BRL	BRL	BRL	BRL	BRL	BRL	BRL	BRL	BRL	BRL	BRL	BRL	BRL	BRL
SEMIVOLATILE ORGANIC COMPOUNDS (SVOCs) VIA U.S. EPA METHOD 8270																				
Acenaphthene		**4,500**	<0.016	<0.016	<0.016	<0.016	<0.017	<0.016	<0.016	<0.016	<0.016	<0.016	<0.017	<0.016	<0.017	<0.016	<0.017	<0.016	<0.016	<0.016
Acenaphthylene		**NE**	<0.017	<0.017	<0.017	<0.017	<0.018	<0.017	<0.017	<0.017	<0.018	<0.017	<0.018	<0.017	<0.018	<0.017	<0.018	<0.017	<0.017	<0.018
Acetophenone		**12,000**	<0.029	<0.028	<0.028	<0.029	<0.031	<0.029	<0.028	<0.029	<0.029	<0.029	<0.030	<0.029	<0.029	<0.028	<0.030	<0.029	<0.029	<0.029
Anthracene		**23,000**	<0.014	<0.013	<0.014	<0.014	<0.015	<0.014	<0.013	<0.014	<0.014	<0.014	<0.015	<0.014	<0.014	<0.013	<0.014	<0.014	<0.014	<0.014
Benzaldehyde		**820**	<0.065	<0.063	<0.064	<0.065	<0.069	<0.064	<0.063	<0.064	<0.066	<0.065	<0.068	<0.064	<0.066	<0.063	<0.067	<0.065	<0.065	<0.066
Benzo(a)anthracene		**21**	<0.017	<0.017	<0.017	<0.017	<0.018	<0.017	<0.017	<0.017	<0.018	<0.017	<0.018	<0.017	<0.018	<0.017	<0.018	<0.017	<0.017	<0.018
Benzo(a)pyrene		**2.1**	<0.016	<0.016	<0.016	<0.016	<0.017	<0.016	<0.016	<0.016	**0.017** J	<0.016	<0.017	<0.016	<0.017	<0.016	<0.017	<0.016	<0.016	<0.016
Benzo(b)fluoranthene		**21**	<0.014	<0.013	<0.014	<0.014	<0.015	<0.014	<0.013	<0.014	**0.027** J	<0.014	<0.015	<0.014	<0.014	<0.013	<0.014	<0.014	<0.014	**0.021** J
Benzo(g,h,i)perylene		**NE**	<0.031	<0.030	<0.031	<0.031	<0.033	<0.031	<0.030	<0.031	**0.040** J	<0.031	<0.033	<0.031	<0.032	<0.030	<0.032	<0.031	<0.031	<0.032
Benzo(k)fluoranthene		**210**	<0.012	<0.011	<0.011	<0.012	<0.012	<0.011	<0.011	<0.012	<0.012	<0.012	<0.012	<0.011	<0.012	<0.011	<0.012	<0.012	<0.012	<0.012
1,1'-Biphenyl		**20**	<0.032	<0.031	<0.032	<0.033	<0.034	<0.032	<0.031	<0.032	<0.033	<0.033	<0.034	<0.032	<0.033	<0.031	<0.033	<0.033	<0.032	<0.033
Butylbenzylphthalate		**1,200**	<0.059	<0.057	<0.058	<0.059	<0.062	<0.058	<0.057	<0.059	<0.060	<0.059	<0.062	<0.058	<0.060	<0.057	<0.061	<0.059	<0.059	<0.060
Carbazole		**NE**	<0.031	<0.030	<0.031	<0.031	<0.033	<0.031	<0.030	<0.031	<0.032	<0.031	<0.033	<0.031	<0.032	<0.030	<0.032	<0.031	<0.031	<0.032
Chrysene		**2,100**	<0.016	<0.016	<0.016	<0.016	<0.017	<0.016	<0.016	<0.016	**0.029** J	<0.016	<0.017	<0.016	<0.017	<0.016	<0.017	<0.016	<0.016	**0.021** J
Dibenz(a,h)anthracene		**2.1**	<0.017	<0.017	<0.017	<0.017	<0.018	<0.017	<0.017	<0.017	<0.018	<0.017	<0.018	<0.017	<0.018	<0.017	<0.018	<0.017	<0.017	<0.018
Dibenzofuran		**120**	<0.034	<0.033	<0.033	<0.034	<0.035	<0.033	<0.032	<0.033	<0.034	<0.034	<0.035	<0.033	<0.034	<0.032	<0.035	<0.034	<0.033	<0.034
Diethylphthalate		**66,000**	<0.050	<0.048	<0.049	<0.050	<0.053	<0.049	<0.048	<0.049	<0.051	<0.050	<0.052	<0.049	<0.051	<0.048	<0.051	<0.050	<0.050	<0.050
bis(2-Ethylhexyl)phthalate		**160**	**0.15**	**0.11**	**0.083**	**0.081**	**0.16**	<0.064	<0.063	**0.071**	**0.081**	**0.097**	**0.089**	**0.100**	**0.090**	**0.081**	<0.067	**0.078**	<0.065	<0.066
Fluoranthene		**3,000**	<0.016	<0.016	<0.016	<0.016	<0.017	<0.016	<0.016	<0.016	**0.034** J	<0.016	<0.017	<0.016	<0.017	<0.016	<0.017	<0.016	<0.016	<0.016
Fluorene		**3,000**	<0.016	<0.016	<0.016	<0.016	<0.017	<0.016	<0.016	<0.016	<0.016	<0.016	<0.017	<0.016	<0.017	<0.016	<0.017	<0.016	<0.016	<0.016
Indeno(1,2,3-cd)pyrene		**21**	<0.014	<0.013	<0.014	<0.014	<0.015	<0.014	<0.013	<0.014	<0.014	<0.014	<0.015	<0.014	<0.014	<0.013	<0.014	<0.014	<0.014	<0.014
Isophorone		**2,400**	<0.030	<0.029	<0.030	<0.030	<0.032	<0.030	<0.029	<0.030	<0.031	<0.030	<0.032	<0.030	<0.031	<0.029	<0.031	<0.030	<0.030	<0.030
2-Methylnaphthalene		**300**	<0.015	<0.015	<0.015	<0.015	<0.016	<0.015	**0.015** J	<0.015	**0.019** J	<0.015	<0.016	<0.015	<0.015	**0.015** J	<0.015	**0.016** J	**0.015** J	**0.019** J
3&4-Methylphenol (m&p-cresol)		**NE**	<0.047	<0.046	<0.047	<0.048	<0.050	<0.047	<0.046	<0.047	<0.048	<0.048	<0.050	<0.047	<0.048	<0.046	<0.049	<0.048	<0.047	<0.048
Naphthalene		**8.6**	<0.015	<0.015	<0.015	<0.015	<0.016	<0.015	<0.015	<0.015	<0.015	<0.015	<0.016	<0.015	<0.015	<0.015	<0.015	<0.015	<0.015	<0.015
Phenanthrene		**NE**	<0.015	<0.015	<0.015	<0.015	<0.016	<0.015	**0.026** J	<0.015	**0.032** J	<0.015	<0.016	<0.015	<0.015	**0.015** J	<0.015	**0.017** J	**0.018** J	**0.028** J
Phenol		**25,000**	<0.044	<0.043	<0.043	<0.044	<0.046	<0.043	<0.043	<0.044	<0.045	<0.044	<0.046	<0.043	<0.045	<0.042	<0.045	<0.044	<0.044	<0.045
Pyrene		**2,300**	<0.018	<0.018	<0.018	<0.019	<0.020	<0.018	<0.018	<0.018	**0.049**	<0.019	<0.019	<0.018	<0.019	<0.018	<0.019	<0.019	<0.018	<0.019
All Other Analyzed SVOCs		**Varies**	BRL	BRL	BRL	BRL	BRL	BRL	BRL	BRL	BRL	BRL	BRL	BRL	BRL	BRL	BRL	BRL	BRL	BRL
ELEMENTS VIA U.S. EPA METHODS 6010/7471																				
Arsenic		**3.0**	**13** **	**14** **	**13** **	**13** **	**17** **	**17** **	**16** **	**23** **	**13** **	**14** **	**18** **	**29** **	**12** **	**12** **	**16** **	**11** **	**14** **	**14** **
Barium		**22,000**	**45**	**17**	**32**	**33**	**14** J	**21**	**23**	**87**	**22**	**34**	**16** J	**34**	**20** J	**27**	**49**	**17** J	**17** J	**26**
Cadmium		**10.0**	**0.11** J	**0.091** J	**0.081** J	**0.090** J	**0.069** J	**0.060** J	**0.051** J	**0.056** J	<0.045	**0.088** J	<0.058	**0.11** J	**0.090** J	**0.076** J	**0.083** J	**0.059** J	<0.047	**0.096** J
Chromium (Hexavalent)		**6.3**	<0.160	<0.160	<0.160	<0.160	<0.170	<0.150	<0.160	<0.150	<0.160	<0.170	<0.170	<0.150	<0.170	<0.160	<0.160	<0.160	<0.150	<0.160
Chromium (Total)		**NE**	**12**	**9.2**	**11**	**13**	**12**	**8.2**	**13**	**12**	**9.5**	**13.0**	**12.0**	**13**	**16.0**	**11.0**	**15.0**	**12.0**	**13.0**	**12.0**
Copper		**4,700**	**17**	**18**	**17**	**17**	**17**	**27**	**59**	**17**	**18**	**21**	**17**	**22**	**19**	**17**	**18**	**18**	**18**	**17**
Lead		**800**	**9.6**	**8.4**	**11**	**9.7**	**8.4**	**11**	**9.9**	**10.0**	**9.6**	**15**	**8.7**	**12**	**12**	**8.7**	**10.0**	**8.3**	**9.3**	**11**
Mercury		**4.6**	<0.018	<0.018	<0.022	<0.020	<0.022	<0.022	<0.019	<0.018	<0.020	<0.023	<0.020	<0.023	<0.020	<0.020	<0.020	<0.018	<0.020	<0.020
Selenium		**580**	<0.510	<0.360	<0.430	<0.520	<0.490	<0.390	**0.58** J	**0.65** J	**0.52** J	**0.79** J	**0.61** J	<0.530	**0.66** J	<0.480	**0.70** J	**0.70** J	<0.460	<0.490
Silver		**580**	<0.088	<0.062	<0.074	<0.090	<0.085	<0.067	<0.084	<0.067	<0.076	<0.093	<0.097	<0.092	<0.090	<0.083	<0.073	<0.088	<0.079	<0.084
Zinc		**35,000**	**79**	**74**	**59**	**60**	**54**	**57**	**64**	**62**	**59**	**68**	**55**	**61**	**68**	**60**	**70**	**57**	**58**	**57**
POLYCHLORINATED BIPHENYLS (PCBs) VIA U.S. EPA METHOD 8082																				
Total PCBs (polychlorinated biphenyls)		**0.94**	<0.028	<0.028	<0.029	<0.030	<0.030	<0.029	<0.028	<0.028	<0.029	<0.029	<0.032	<0.029	<0.029	<0.029	<0.030	<0.028	<0.030	<0.029
Aroclor 1242		**0.95**	<0.022	<0.021	<0.022	<0.022	<0.023	<0.022	<0.021	<0.022	<0.022	<0.022	<0.024	<0.022	<0.022	<0.022	<0.023	<0.021	<0.022	<0.022
Aroclor 1248		**0.94**	<0.019	<0.019	<0.020	<0.020	<0.020	<0.020	<0.019	<0.019	<0.020	<0.020	<0.022	<0.020	<0.020	<0.020	<0.020	<0.019	<0.020	<0.019
Aroclor 1254		**0.97**	<0.024	<0.023	<0.025	<0.025	<0.025	<0.024	<0.023	<0.024	<0.025	<0.024	<0.027	<0.024	<0.025	<0.025	<0.025	<0.023	<0.025	<0.024
Aroclor 1260		**0.99**	<0.024	<0.023	<0.025	<0.025	<0.025	<0.024	<0.023	<0.024	<0.025	<0.024	<0.027	<0.024	<0.025	<0.025	<0.025	<0.023	<0.025	<0.024
All Other Analyzed PCBs		**Varies**	BRL	BRL	BRL	BRL	BRL	BRL	BRL	BRL	BRL	BRL	BRL	BRL	BRL	BRL	BRL	BRL	BRL	BRL
WET CHEMISTRIES VIA U.S. EPA METHOD 9045/9012																				
Free Cyanide (Leachate - mg/L)		**NE**	<0.0060	<0.0060	**0.006** J	**0.0200**	<0.0060	<0.0060	<0.0060	<0.0060	<0.0060	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0060	<0.0060	<0.0060	<0.0060
Estimated Free Cyanide in Soil (Leachate x 20 - mg/kg)		**15**	ND	ND	**0.116** J	**0.400**	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Total Cyanide		**15**	<0.620	<0.500	<0.660	<0.640	<0.570	<0.590	<0.590	<0.590	<0.660	<0.450	<0.560	**0.450** J	**0.570** J	<0.420	<0.610	<0.530	<0.540	<0.530

Abbreviations & Notes

NF = Not Established; RSLs = Regional Screening Levels
J = Reported value is estimated
USEPA = United States Environmental Protection Agency; SSLs = Soil Screening Levels
All results and USEPA Screening Levels are reported in milligrams per kilogram (mg/kg).
USEPA RSLs are based on the Regional Screening Levels Generic Tables April 2024 Update.
RSLs are based on a 1E-6 target cancer risk and a 0.1 target hazard quotient (THQ).

The following denote the symbol and color of screening level exceedances:
** = At or Above USEPA 2024 Industrial Soil RSLs

SUMMARY OF SOIL ANALYTICAL DATA
ON-SITE

	Site Areas	U.S. EPA 2024 INDUSTRIAL SOIL RSLs (**)	On-Site	On-Site	On-Site	On-Site	On-Site	On-Site	On-Site	On-Site	On-Site	On-Site	On-Site	On-Site	On-Site	On-Site	On-Site	On-Site	On-Site	On-Site
	Sample Location:		SB-8		SB-9		SB-10		SB-11		SB-12B	SB-12			SB-13				SB-14	
	Sample Depth (feet):		12.0-14.0	20.0-22.0	22.0-24.0	30.0-32.0	4.0-6.0	10.0-12.0	20.0-22.0	22.0-24.0	4.0-6.0	6.0-8.0	14.0-16.0	18.0-20.0	14.0-16.0	16.0-18.0	16.0-18.0 [DUP-2]	18.0-20.0	6.0-8.0	6.0-8.0 [DUP-4]
	Sample Date:		10/17/2024	10/17/2024	10/17/2024	10/17/2024	10/15/2024	10/15/2024	10/17/2024	10/17/2024	10/21/2024	10/21/2024	10/21/2024	10/21/2024	10/16/2024	10/16/2024	10/16/2024	10/16/2024	10/21/2024	10/21/2024
VOLATILE ORGANIC COMPOUNDS (VOCs) VIA U.S. EPA METHOD 8260																				
Acetone (2-Propanone)		110,000	<0.023	**0.71** J	<0.530	<0.022	<0.023	<0.024	<0.023	<0.023	**0.17**	**0.051**	<0.023	<0.023	**0.033**	<0.023	<0.024	<0.022	**0.065**	**0.18**
2-Butanone (MEK)		19,000	<0.0040	<0.980	<0.760	<0.0037	<0.0039	<0.0040	<0.0040	<0.0038	**0.022** J	**0.0053** J	**0.0041** J	<0.0038	<0.0037	<0.0039	<0.0040	<0.0038	**0.0064** J	**0.020** J
Carbon disulfide		350	<0.0013	<0.300	<0.240	<0.0012	<0.0013	<0.0013	<0.0013	<0.0013	<0.0014	<0.0013	<0.0013	<0.0012	<0.0012	<0.0013	<0.0013	<0.0012	<0.0013	**0.0033** J
Methyl Acetate		120,000	<0.0038	<0.470	<0.370	<0.0035	<0.0037	<0.0039	<0.0038	<0.0037	<0.0041	<0.0037	<0.0037	<0.0037	<0.0035	<0.0038	<0.0038	<0.0036	<0.0038	<0.0038
Tetrachloroethene (PCE)		39	<0.0021	<0.270	<0.210	<0.0020	<0.0021	<0.0022	<0.0021	<0.0021	<0.0023	<0.0021	<0.0021	<0.0021	<0.0020	<0.0021	<0.0022	<0.0021	<0.0021	<0.0022
Toluene		4,700	<0.00086	<0.180	<0.140	<0.00080	<0.00084	<0.00088	<0.00086	<0.00083	<0.00092	<0.00084	<0.00084	<0.00083	<0.00081	<0.00086	<0.00087	<0.00083	<0.00086	<0.00087
All Other Analyzed VOCs		Varies	BRL	BRL	BRL	BRL	BRL	BRL	BRL	BRL	BRL	BRL	BRL	BRL	BRL	BRL	BRL	BRL	BRL	BRL
SEMIVOLATILE ORGANIC COMPOUNDS (SVOCs) VIA U.S. EPA METHOD 8270																				
Acenaphthene		4,500	<0.016	<0.017	<0.016	<0.016	<0.017	<0.017	<0.016	<0.016	<0.018	<0.016	<0.016	<0.015	<0.016	<0.016	<0.016	<0.016	<0.017	<0.016
Acenaphthylene		NE	<0.017	<0.018	<0.017	<0.017	<0.018	<0.018	<0.017	<0.017	<0.019	<0.017	<0.017	<0.017	<0.017	<0.017	<0.017	<0.017	<0.018	<0.017
Acetophenone		12,000	<0.029	<0.030	<0.028	<0.028	<0.030	<0.030	<0.028	<0.028	<0.032	<0.029	<0.028	<0.028	<0.028	<0.029	<0.029	<0.028	<0.030	<0.028
Anthracene		23,000	<0.014	<0.015	<0.014	<0.013	<0.014	<0.015	<0.014	<0.013	<0.015	<0.014	<0.014	<0.013	<0.014	<0.014	<0.014	<0.014	<0.014	<0.014
Benzaldehyde		820	<0.065	<0.068	<0.063	<0.062	<0.066	<0.068	<0.063	<0.063	<0.072	<0.064	<0.064	<0.062	<0.063	<0.064	<0.065	<0.063	<0.067	<0.064
Benzo(a)anthracene		21	<0.017	<0.018	<0.017	<0.017	<0.018	<0.018	<0.017	<0.017	<0.019	<0.017	<0.017	<0.017	<0.017	<0.017	<0.017	<0.017	**0.035** J	<0.017
Benzo(a)pyrene		2.1	<0.016	<0.017	<0.016	<0.016	<0.017	<0.017	<0.016	<0.016	<0.018	<0.016	<0.016	<0.015	<0.016	<0.016	<0.016	<0.016	**0.036** J	<0.016
Benzo(b)fluoranthene		21	<0.014	**0.021** J	**0.021** J	**0.014** J	<0.014	<0.015	<0.014	<0.013	<0.015	<0.014	<0.014	<0.013	<0.014	<0.014	<0.014	<0.014	**0.056**	<0.014
Benzo(g,h,i)perylene		NE	<0.031	**0.044** J	**0.045**	**0.036** J	<0.032	<0.033	<0.030	<0.030	<0.035	<0.031	<0.031	<0.030	<0.031	<0.031	<0.031	<0.030	<0.032	<0.031
Benzo(k)fluoranthene		210	<0.012	<0.012	<0.011	<0.011	<0.012	<0.012	<0.011	<0.011	<0.013	<0.012	<0.011	<0.011	<0.011	<0.011	<0.012	<0.011	**0.017** J	<0.011
1,1'-Biphenyl		20	<0.032	<0.034	<0.032	<0.031	<0.033	<0.034	<0.032	<0.031	<0.036	<0.032	<0.032	<0.031	<0.032	<0.032	<0.032	<0.032	<0.033	<0.032
Butylbenzylphthalate		1,200	<0.059	<0.062	<0.058	<0.056	<0.060	<0.062	<0.058	<0.057	<0.065	<0.059	<0.058	<0.056	<0.058	<0.058	<0.059	<0.058	<0.061	<0.058
Carbazole		NE	<0.031	<0.033	<0.031	<0.030	<0.032	<0.033	<0.030	<0.030	<0.035	<0.031	<0.031	<0.030	<0.031	<0.031	<0.031	<0.030	<0.032	<0.031
Chrysene		2,100	<0.016	**0.019** J	**0.023** J	<0.016	<0.017	<0.017	<0.016	<0.016	<0.018	<0.016	<0.016	<0.015	<0.016	<0.016	<0.016	<0.016	**0.042** J	<0.016
Dibenz(a,h)anthracene		2.1	<0.017	<0.018	<0.017	<0.017	<0.018	<0.018	<0.017	<0.017	<0.019	<0.017	<0.017	<0.017	<0.017	<0.017	<0.017	<0.017	<0.018	<0.017
Dibenzofuran		120	<0.034	<0.035	<0.033	<0.032	<0.034	<0.035	<0.033	<0.032	<0.037	<0.033	<0.033	<0.032	<0.033	<0.033	<0.034	<0.033	<0.035	<0.033
Diethylphthalate		66,000	<0.050	<0.052	<0.049	<0.048	<0.051	<0.052	<0.049	<0.048	<0.055	<0.049	<0.049	<0.047	<0.049	<0.049	<0.050	<0.049	<0.051	<0.049
bis(2-Ethylhexyl)phthalate		160	**0.12**	**0.100**	<0.063	<0.062	**0.070**	<0.068	<0.063	<0.063	**0.15**	**0.088** J	**0.088** J	**0.100** J	**0.066**	<0.064	<0.065	**0.077**	<0.067	**0.092** J
Fluoranthene		3,000	<0.016	<0.017	**0.019** J	<0.016	<0.017	<0.017	<0.016	<0.016	<0.018	<0.016	<0.016	<0.015	<0.016	<0.016	<0.016	<0.016	**0.095**	<0.016
Fluorene		3,000	<0.016	<0.017	<0.016	<0.016	<0.017	<0.017	<0.016	<0.016	<0.018	<0.016	<0.016	<0.015	<0.016	<0.016	<0.016	<0.016	<0.017	<0.016
Indeno(1,2,3-cd)pyrene		21	<0.014	<0.015	<0.014	<0.013	<0.014	<0.015	<0.014	<0.013	<0.015	<0.014	<0.014	<0.013	<0.014	<0.014	<0.014	<0.014	**0.023** J	<0.014
Isophorone		2,400	<0.030	<0.032	<0.029	<0.029	<0.031	<0.031	<0.029	<0.029	<0.033	<0.030	<0.030	<0.029	<0.029	<0.029	<0.030	<0.030	<0.029	<0.031	<0.030
2-Methylnaphthalene		300	<0.015	**0.035** J	**0.040** J	**0.055**	<0.015	<0.016	**0.016** J	**0.026** J	<0.017	<0.015	<0.015	**0.025** J	<0.015	**0.031**	<0.015	<0.015	**0.016** J	<0.015
3&4-Methylphenol (m&p-cresol)		NE	<0.047	<0.050	<0.046	<0.045	<0.049	<0.050	<0.046	<0.046	<0.053	<0.047	<0.047	<0.045	<0.046	<0.047	<0.047	<0.046	<0.049	<0.047
Naphthalene		8.6	<0.015	<0.016	<0.015	**0.016** J	<0.015	<0.016	<0.015	<0.015	<0.017	<0.015	<0.015	<0.014	<0.015	<0.015	<0.015	<0.015	**0.015** J	<0.015
Phenanthrene		NE	<0.015	**0.041** J	**0.054**	**0.059**	<0.015	<0.016	**0.015** J	**0.034** J	<0.017	<0.015	<0.015	**0.033** J	<0.015	**0.023**	<0.015	<0.015	**0.042** J	<0.015
Phenol		25,000	<0.044	<0.046	<0.043	<0.042	<0.045	<0.046	<0.043	<0.043	**0.100** J	<0.044	<0.043	<0.042	<0.043	<0.043	<0.044	<0.043	<0.045	<0.043
Pyrene		2,300	<0.018	**0.031** J	**0.032** J	**0.020** J	<0.019	<0.019	<0.018	<0.018	<0.021	<0.018	<0.018	<0.018	<0.018	<0.018	<0.019	<0.018	**0.072**	<0.018
All Other Analyzed SVOCs		Varies	BRL	BRL	BRL	BRL	BRL	BRL	BRL	BRL	BRL	BRL	BRL	BRL	BRL	BRL	BRL	BRL	BRL	BRL
ELEMENTS VIA U.S. EPA METHODS 6010/7471																				
Arsenic		3.0	**9.6** **	**17** **	**12** **	**10.0** **	**16** **	**14** **	**16** **	**12** **	**12** **	**16** **	**14** **	**13** **	**23** **	**11** **	**14** **	**17** **	**17** **	**9.1** **
Barium		22,000	**29**	**47**	**16** J	**14** J	**27**	**19**	**22**	**30**	**43**	**59**	**56**	**18** J	**31**	**18**	**15**	**22**	**48**	**62**
Cadmium		10.0	**0.13** J	**0.080** J	<0.051	**0.072** J	**0.074**	**0.054**	**0.049** J	**0.053** J	**0.063** J	**0.075** J	**0.057** J	**0.062** J	**0.087**	**0.065**	<0.048	**0.058**	**0.054** J	**0.35** J
Chromium (Hexavalent)		6.3	<0.160	<0.160	<0.150	<0.150	<0.170	<0.160	<0.160	<0.150	<0.180	<0.160	<0.160	<0.150	<0.160	<0.160	<0.160	<0.160	**0.20** J	<0.160
Chromium (Total)		NE	**15**	**17**	**9.1**	**7.1**	**10.0**	**8.1**	**12**	**12**	**18**	**15**	**15**	**13**	**15**	**12**	**10.0**	**13**	**19**	**11**
Copper		4,700	**20**	**18**	**16**	**22**	**22**	**19**	**30**	**16**	**17**	**19**	**18**	**17**	**16**	**17**	**17**	**17**	**19**	**12**
Lead		800	**9.5**	**11**	**8.4**	**6.7**	**11**	**8.8**	**8.6**	**7.8**	**10.0**	**11**	**10.0**	**9.8**	**12**	**9.6**	**9.3**	**11**	**16**	**9.9**
Mercury		4.6	<0.024	<0.021	<0.021	<0.018	<0.021	<0.020	<0.018	<0.019	<0.027	<0.020	<0.023	<0.021	<0.019	<0.018	**0.047**	<0.021	<0.020	<0.020
Selenium		580	**0.94** J	**0.58** J	**0.62** J	<0.480	**0.61**	<0.510	**0.62** J	**0.41** J	**0.63** J	<0.510	<0.430	<0.440	**0.75**	<0.410	<0.470	<0.460	<0.450	<0.450
Silver		580	<0.089	<0.084	<0.086	<0.083	<0.084	<0.088	<0.075	<0.065	<0.092	<0.087	<0.074	<0.077	<0.066	<0.070	<0.081	<0.080	<0.078	<0.078
Zinc		35,000	**57**	**69**	**51**	**44**	**63**	**53**	**53**	**52**	**45**	**69**	**69**	**55**	**69**	**60**	**55**	**64**	**110**	**47**
POLYCHLORINATED BIPHENYLS (PCBs) VIA U.S. EPA METHOD 8082																				
Total PCBs (polychlorinated biphenyls)		0.94	<0.028	<0.029	<0.028	<0.028	<0.030	<0.030	<0.028	<0.028	<0.031	<0.028	<0.028	<0.028	<0.028	<0.029	<0.029	<0.029	<0.029	<0.029
Aroclor 1242		0.95	<0.021	<0.022	<0.021	<0.021	<0.023	<0.023	<0.022	<0.021	<0.023	<0.021	<0.022	<0.021	<0.021	<0.022	<0.022	<0.022	<0.022	<0.022
Aroclor 1248		0.94	<0.019	<0.020	<0.019	<0.019	<0.020	<0.020	<0.019	<0.019	<0.021	<0.019	<0.019	<0.019	<0.019	<0.020	<0.020	<0.020	<0.020	<0.020
Aroclor 1254		0.97	<0.024	<0.024	<0.024	<0.023	<0.025	<0.025	<0.024	<0.023	<0.026	<0.024	<0.024	<0.024	<0.024	<0.024	<0.024	<0.024	<0.024	<0.024
Aroclor 1260		0.99	<0.024	<0.024	<0.024	<0.023	<0.025	<0.025	<0.024	<0.023	<0.026	<0.024	<0.024	<0.024	<0.024	<0.024	<0.024	<0.024	<0.024	<0.024
All Other Analyzed PCBs		Varies	BRL	BRL	BRL	BRL	BRL	BRL	BRL	BRL	BRL	BRL	BRL	BRL	BRL	BRL	BRL	BRL	BRL	BRL
WET CHEMISTRIES VIA U.S. EPA METHOD 9045/9012																				
Free Cyanide (Leachate - mg/L)		NE	<0.0050	<0.0050	<0.0050	<0.0050	<0.0060	<0.0060	<0.0050	<0.0050	**0.0390**	**0.005** J	<0.0060	<0.0060	<0.0060	<0.0060	<0.0060	<0.0060	<0.0060	<0.0060
Estimated Free Cyanide in Soil (Leachate x 20 - mg/kg)		15	ND	ND	ND	ND	ND	ND	ND	ND	**0.780**	**0.104** J	ND	ND	ND	ND	ND	ND	ND	ND
Total Cyanide		15	<0.430	<0.470	<0.450	<0.460	<0.670	<0.620	<0.520	<0.410	**81** **	**2.1**	<0.510	<0.500	<0.610	<0.660	<0.560	<0.480	**1.0**	<0.630

Abbreviations & Notes

NF = Not Established; RSLs = Regional Screening Levels

J = Reported value is estimated

USEPA = United States Environmental Protection Agency; SSLs = Soil Screening Levels

All results and USEPA Screening Levels are reported in milligrams per kilogram (mg/kg).

USEPA RSLs are based on the Regional Screening Levels Generic Tables April 2024 Update.

RSLs are based on a 1E-6 target cancer risk and a 0.1 target hazard quotient (THQ).

The following denote the symbol and color of screening level exceedances:

** = At or Above USEPA 2024 Industrial Soil RSLs

TABLE 3

SUMMARY OF SOIL ANALYTICAL DATA
ON-SITE

Site Areas	U.S. EPA 2024 INDUSTRIAL SOIL RSLs (**)	On-Site	On-Site	On-Site	On-Site	On-Site	On-Site	On-Site	On-Site	On-Site	On-Site	On-Site	On-Site	On-Site	On-Site	On-Site	On-Site
Sample Location:		SB-14		SB-16		SB-17		SB-19			SB-20		SB-21		SB-22		SB-22
Sample Depth (feet):		12.0-14.0	18.0-20.0	12.0-14.0	4.0-6.0	10.0-12.0	14.0-16.0	6.0-8.0	14.0-16.0	14.0-16.0 [DUP-1]	4.0-6.0	14.0-16.0	12.0-14.0	16.0-18.0	4.0-6.0	12.0-14.0	18.0-20.0
Sample Date:		10/21/2024	10/21/2024	10/14/2024	10/14/2024	10/15/2024	10/15/2024	10/15/2024	10/15/2024	10/15/2024	10/15/2024	10/15/2024	10/16/2024	10/16/2024	10/16/2024	10/16/2024	10/16/2024
VOLATILE ORGANIC COMPOUNDS (VOCs) VIA U.S. EPA METHOD 8260																	
Acetone (2-Propanone)	**110,000**	<0.023	<0.023	<0.027	**0.087**	<0.028	<0.028	<0.027	<0.029	<0.028	<0.026	<0.028	<0.023	<0.024	**0.12**	<0.028	<0.028
2-Butanone (MEK)	**19,000**	<0.0039	<0.0039	<0.021	**0.0083** J	<0.023	<0.023	<0.021	<0.023	<0.022	<0.021	<0.023	<0.0038	<0.0040	**0.0074**	<0.022	<0.023
Carbon disulfide	**350**	<0.0013	<0.0013	<0.0053	<0.0057	<0.0056	<0.0057	<0.0053	<0.0058	<0.0056	<0.0052	<0.0057	<0.0013	<0.0013	<0.0056	<0.0055	<0.0057
Methyl Acetate	**120,000**	<0.0037	<0.0037	<0.027	<0.029	<0.028	<0.028	<0.027	<0.029	<0.028	<0.026	<0.028	<0.0037	<0.0039	<0.028	<0.028	<0.028
Tetrachloroethene (PCE)	**39**	<0.0021	<0.0021	<0.0053	<0.0057	<0.0056	<0.0057	<0.0053	<0.0058	<0.0056	<0.0052	<0.0057	<0.0021	<0.0022	<0.0056	<0.0055	<0.0057
Toluene	**4,700**	**0.0013** J	<0.00085	<0.0053	<0.0057	<0.0056	<0.0057	<0.0053	<0.0058	<0.0056	<0.0052	<0.0057	<0.00083	<0.00088	<0.0056	<0.0055	<0.0057
All Other Analyzed VOCs	**Varies**	BRL	BRL	BRL	BRL	BRL	BRL	BRL	BRL	BRL	BRL	BRL	BRL	BRL	BRL	BRL	BRL
SEMIVOLATILE ORGANIC COMPOUNDS (SVOCs) VIA U.S. EPA METHOD 8270																	
Acenaphthene	**4,500**	<0.016	<0.016	<0.045	<0.050	<0.045	<0.047	<0.045	<0.046	<0.044	<0.044	<0.045	<0.016	<0.016	<0.046	<0.046	<0.046
Acenaphthylene	**NE**	<0.017	<0.017	<0.045	<0.050	<0.045	<0.047	<0.045	<0.046	<0.044	<0.044	<0.045	<0.017	<0.017	<0.046	<0.046	<0.046
Acetophenone	**12,000**	<0.028	<0.029	<0.110	<0.130	<0.110	<0.120	<0.110	<0.120	<0.110	<0.110	<0.110	<0.029	<0.029	<0.120	<0.120	<0.120
Anthracene	**23,000**	<0.014	<0.014	<0.045	<0.050	<0.045	<0.047	<0.045	<0.046	<0.044	<0.044	<0.045	<0.014	<0.014	<0.046	<0.046	<0.046
Benzaldehyde	**820**	<0.064	<0.065	<0.370	<0.410	<0.370	<0.390	<0.370	<0.380	<0.370	<0.360	<0.370	<0.064	<0.064	<0.380	<0.380	<0.380
Benzo(a)anthracene	**21**	<0.017	<0.017	<0.045	<0.050	<0.045	<0.047	<0.045	<0.046	<0.044	<0.044	<0.045	<0.017	<0.017	<0.046	<0.046	<0.046
Benzo(a)pyrene	**2.1**	<0.016	<0.016	<0.045	<0.050	<0.045	<0.047	<0.045	<0.046	<0.044	<0.044	<0.045	<0.016	<0.016	<0.046	<0.046	<0.046
Benzo(b)fluoranthene	**21**	<0.014	<0.014	<0.045	<0.050	<0.045	<0.047	<0.045	**0.017** J	<0.044	<0.044	<0.045	<0.014	<0.014	<0.046	<0.046	<0.046
Benzo(g,h,i)perylene	**NE**	<0.031	<0.031	<0.045	<0.050	<0.045	<0.047	<0.045	**0.044** J	<0.044	<0.044	<0.045	<0.031	<0.031	<0.046	<0.046	**0.031** J
Benzo(k)fluoranthene	**210**	<0.011	<0.012	<0.045	<0.050	<0.045	<0.047	<0.045	<0.046	<0.044	<0.044	<0.045	<0.011	<0.011	<0.046	<0.046	<0.046
1,1'-Biphenyl	**20**	<0.032	<0.033	<0.110	<0.130	<0.110	<0.120	<0.110	<0.120	<0.110	<0.110	<0.110	<0.032	<0.032	<0.120	<0.120	<0.120
Butylbenzylphthalate	**1,200**	<0.058	<0.059	<0.170	<0.190	<0.170	<0.180	<0.170	<0.170	<0.170	<0.170	<0.170	<0.058	<0.059	<0.170	<0.170	<0.170
Carbazole	**NE**	<0.031	<0.031	<0.110	<0.130	<0.110	<0.120	<0.110	<0.120	<0.110	<0.110	<0.110	<0.031	<0.031	<0.120	<0.120	<0.120
Chrysene	**2,100**	<0.016	<0.016	<0.045	<0.050	<0.045	<0.047	<0.045	**0.017** J	<0.044	<0.044	<0.045	<0.016	<0.016	<0.046	<0.046	<0.046
Dibenz(a,h)anthracene	**2.1**	<0.017	<0.017	<0.045	<0.050	<0.045	<0.047	<0.045	<0.046	<0.044	<0.044	<0.045	<0.017	<0.017	<0.046	<0.046	<0.046
Dibenzofuran	**120**	<0.033	<0.034	<0.110	<0.130	<0.110	<0.120	<0.110	<0.120	<0.110	<0.110	<0.110	<0.033	<0.033	<0.120	<0.120	<0.120
Diethylphthalate	**66,000**	<0.049	<0.050	<0.170	<0.190	<0.170	<0.180	<0.170	<0.170	<0.170	<0.170	<0.170	<0.049	<0.049	<0.170	<0.170	<0.170
bis(2-Ethylhexyl)phthalate	**160**	<0.064	**0.097** J	**0.069** J	<0.190	<0.170	<0.180	<0.170	**0.086** J	<0.170	<0.170	<0.170	**0.065**	<0.064	<0.170	<0.170	<0.170
Fluoranthene	**3,000**	<0.016	<0.016	<0.045	<0.050	<0.045	<0.047	<0.045	<0.046	<0.044	<0.044	<0.045	<0.016	<0.016	<0.046	<0.046	<0.046
Fluorene	**3,000**	<0.016	<0.016	<0.045	<0.050	<0.045	<0.047	<0.045	<0.046	<0.044	<0.044	<0.045	<0.016	<0.016	<0.046	<0.046	<0.046
Indeno(1,2,3-cd)pyrene	**21**	<0.014	<0.014	<0.045	<0.050	<0.045	<0.047	<0.045	<0.046	<0.044	<0.044	<0.045	<0.014	<0.014	<0.046	<0.046	<0.046
Isophorone	**2,400**	<0.030	<0.030	<0.110	<0.130	<0.110	<0.120	<0.110	<0.120	<0.110	<0.110	<0.110	<0.030	<0.030	<0.120	<0.120	<0.120
2-Methylnaphthalene	**300**	<0.015	<0.015	<0.045	<0.050	<0.045	**0.019** J	<0.045	**0.027** J	<0.044	<0.044	<0.045	<0.015	<0.015	<0.046	<0.046	**0.018** J
3&4-Methylphenol (m&p-cresol)	**NE**	<0.047	<0.048	<0.450	<0.500	<0.450	<0.470	<0.450	<0.460	<0.440	<0.440	<0.450	<0.047	<0.047	<0.460	<0.460	<0.460
Naphthalene	**8.6**	<0.015	<0.015	<0.045	<0.050	<0.045	<0.047	<0.045	<0.046	<0.044	<0.044	<0.045	<0.015	<0.015	<0.046	<0.046	<0.046
Phenanthrene	**NE**	<0.015	<0.015	<0.045	<0.050	<0.045	**0.031** J	<0.045	**0.036** J	<0.044	<0.044	<0.045	<0.015	**0.016**	<0.046	<0.046	**0.018** J
Phenol	**25,000**	<0.043	<0.044	<0.110	<0.130	<0.110	<0.120	<0.110	<0.120	<0.110	<0.110	<0.110	<0.044	<0.044	<0.120	<0.120	<0.120
Pyrene	**2,300**	<0.018	<0.019	<0.045	<0.050	<0.045	<0.047	<0.045	**0.028** J	<0.044	<0.044	<0.045	<0.018	<0.018	<0.046	<0.046	**0.021** J
All Other Analyzed SVOCs	**Varies**	BRL	BRL	BRL	BRL	BRL	BRL	BRL	BRL	BRL	BRL	BRL	BRL	BRL	BRL	BRL	BRL
ELEMENTS VIA U.S. EPA METHODS 6010/7471																	
Arsenic	**3.0**	**15** **	**11** **	**15** **	**11** **	**15** **	**13** **	**15** **	**13** **	**15** **	**15** **	**12** **	**15** **	**11** **	**15** **	**16** **	**12** **
Barium	**22,000**	**41**	**19** J	**35**	**38**	**32**	**22**	**38**	**18** J	**37**	**37**	**57**	**24**	**20**	**36**	**38**	**32**
Cadmium	**10.0**	**0.054** J	**0.090** J	**0.074** J	<0.550	**0.054** J	<0.400	**0.064** J	<0.470	**0.053** J	**0.059** J	<0.510	**0.071**	**0.074**	<0.520	<0.540	**0.095** J
Chromium (Hexavalent)	**6.3**	<0.160	<0.160	<0.160	<0.170	<0.170	<0.170	<0.160	<0.170	<0.170	<0.160	<0.160	<0.150	<0.160	<0.500	<0.490	<0.480
Chromium (Total)	**NE**	**15**	**12**	**11**	**17**	**13**	**12**	**13**	**11**	**13**	**13**	**8.7**	**11**	**15**	**16**	**15**	**12**
Copper	**4,700**	**20**	**18**	**18**	**18**	**18**	**17**	**18**	**18**	**17**	**20**	**16**	**19**	**19**	**20**	**19**	**17**
Lead	**800**	**11**	**10.0**	**12**	**10.0**	**11**	**9.7**	**11**	**10.0**	**10.0**	**9.9**	**8.6**	**11**	**11**	**12**	**10.0**	**9.7**
Mercury	**4.6**	<0.018	<0.020	**0.038** J	**0.055** J	**0.028** J	**0.029** J	**0.035** J	**0.030** J	**0.032** J	**0.031** J	**0.029** J	<0.020	<0.019	**0.033** J	<0.110	<0.110
Selenium	**580**	<0.520	<0.480	<2.0	**0.61** J	<2.1	**0.43** J	<1.8	<1.9	<1.9	<1.8	<2.0	<0.460	<0.420	**0.62** J	<2.2	**0.59** J
Silver	**580**	<0.090	<0.083	<1.0	<1.1	<1.0	<0.800	<0.890	<0.940	<0.940	<0.880	<1.0	<0.079	<0.072	<1.0	<1.1	<0.960
Zinc	**35,000**	**60**	**64**	**60**	**48**	**65**	**60**	**60**	**66**	**60**	**60**	**58**	**68**	**64**	**43**	**59**	**64**
POLYCHLORINATED BIPHENYLS (PCBs) VIA U.S. EPA METHOD 8082																	
Total PCBs (polychlorinated biphenyls)	**0.94**	<0.029	<0.028	<0.059	**0.043**	<0.056	<0.058	<0.057	<0.062	<0.056	<0.056	<0.059	<0.028	<0.029	<0.062	<0.057	<0.056
Aroclor 1242	**0.95**	<0.022	<0.021	<0.059	<0.063	<0.056	<0.058	<0.057	<0.062	<0.056	<0.056	<0.059	<0.021	<0.022	<0.062	<0.057	<0.056
Aroclor 1248	**0.94**	<0.020	<0.019	<0.059	<0.063	<0.056	<0.058	<0.057	<0.062	<0.056	<0.056	<0.059	<0.019	<0.019	<0.062	<0.057	<0.056
Aroclor 1254	**0.97**	<0.024	<0.024	<0.059	**0.043** J	<0.056	<0.058	<0.057	<0.062	<0.056	<0.056	<0.059	<0.023	<0.024	<0.062	<0.057	<0.056
Aroclor 1260	**0.99**	<0.024	<0.024	<0.059	<0.063	<0.056	<0.058	<0.057	<0.062	<0.056	<0.056	<0.059	<0.023	<0.024	<0.062	<0.057	<0.056
All Other Analyzed PCBs	**Varies**	BRL	BRL	BRL	BRL	BRL	BRL	BRL	BRL	BRL	BRL	BRL	BRL	BRL	BRL	BRL	BRL
WET CHEMISTRIES VIA U.S. EPA METHOD 9045/9012																	
Free Cyanide (Leachate - mg/L)	**NE**	<0.0060	<0.0060	<0.0060	**0.009**	<0.0060	<0.0060	<0.0060	<0.0060	<0.0060	<0.0060	**0.006** J	<0.0060	<0.0060	<0.0060	<0.0060	<0.0060
Estimated Free Cyanide in Soil (Leachate x 20 - mg/kg)	**15**	ND	ND	ND	**0.178**	ND	ND	ND	ND	ND	ND	**0.118** J	ND	ND	ND	ND	ND
Total Cyanide	**15**	<0.550	<0.650	<0.490	**5.2**	<0.550	<0.660	<0.670	<0.710	<0.510	<0.510	<0.710	**0.630**	<0.650	<0.650	<0.630	<0.690

Abbreviations & Notes

NF = Not Established; RSLs = Regional Screening Levels
J = Reported value is estimated
USEPA = United States Environmental Protection Agency; SSLs = Soil Screening Levels
All results and USEPA Screening Levels are reported in milligrams per kilogram (mg/kg).
USEPA RSLs are based on the Regional Screening Levels Generic Tables April 2024 Update.
RSLs are based on a 1E-6 target cancer risk and a 0.1 target hazard quotient (THQ).

The following denote the symbol and color of screening level exceedances:

** = At or Above USEPA 2024 Industrial Soil RSLs

Material Sciences Corporation
Canfield, Ohio

TABLE 4

SUMMARY OF GRAB GROUNDWATER ANALYTICAL DATA

August Mack Project No.: JY2380.372

	Site Area	U.S. EPA 2024 GWPS (*)	On-Site	On-Site	On-Site	On-Site	On-Site	On-Site	On-Site	On-Site	On-Site	On-Site	On-Site	On-Site	On-Site	On-Site
	Sample ID:		SB-1-GW	SB-2-GW	SB-3-GW	SB-4-GW		SB-6-GW	SB-7-GW		SB-8-GW	SB-9-GW	SB-10-GW	SB-11-GW	SB-12-GW	SB-13-GW	SB-14-GW
	Depth (feet):		18-28	18-28	18-28	18-28	18-28 [DUP-3]	18-28	18-28	18-28 [DUP-2]	18-28	24-34	18-28	18-28	18-28	18-28	18-28
	Sample Date:		10/24/2024	10/23/2024	10/24/2024	10/23/2024	10/23/2024	10/23/2024	10/23/2024	10/23/2024	10/18/2024	10/18-20/2024	10/16/2024	10/18/2024	10/22/2024	10/17/2024	10/22/2024
VOLATILE ORGANIC COMPOUDS (VOCs) VIA U.S. EPA METHOD 8260																	
Acetone (2-Propanone)		**1,800**	<10	<10	<10	<10	<10	<10	<5,000 E	<5,000 E	<1,000	<100	**7.3** J	<10	<10	<10	<10
Bromomethane (methyl bromide)		**0.75**	<0.42	<0.42	<0.42	<0.42	<0.42	<0.42	<210 E	**310** J *	<42 E	<4.2 E	<1.0 E	<0.42	<0.42	<0.42	<0.42
2-Butanone (MEK)		**560**	<10	<10	<10	<10	<10	<10	<5,000 E	<5,000 E	**200** J	**28** J	**3.5** J	<10	**2.0** J	<10	**1.9** J
cis-1,2-Dichloroethene (cis-1,2-DCE)		**70**	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<500 E	<500 E	**74** J *	**17**	<1.0	<1.0	**0.52** JB	**4.6**	<1.0
2-Hexanone		**3.8**	<10 E	<10 E	<10 E	<10 E	<10 E	<10 E	<5,000 E	<5,000 E	<1,000 E	<100 E	<10 E	<10 E	<10 E	<10 E	<10 E
1,2,4-Trichlorobenzene		**70**	<0.77	<0.77	<0.77	<0.77	<0.77	<0.77	<390 E	<390 E	<77 E	<7.7	<1.0	<0.77	<0.77	<0.77	<0.77
Trichloroethene (TCE)		**5.0**	<0.44	<0.44	<0.44	<0.44	<0.44	<0.44	**13,000** *	**12,000** *	**13,000** *	**1,100** *	<1.0	<0.44	<0.44	**80** *	<0.44
All Other Analyzed VOCs		**Varies**	BRL	BRL	BRL	BRL	BRL	BRL	BRL	BRL	BRL	BRL	BRL	BRL	BRL	BRL	BRL
SEMIVOLATILE ORGANIC COMPOUNDS (SVOCs) VIA U.S. EPA METHOD 8270																	
Acenaphthene		**53**	<0.20	<0.19	<0.20	<0.22	<0.28	<0.26	<0.19	<0.20	<0.20	<0.20	<0.21	<0.19	<0.19	<0.20	<0.20
Anthracene		**180**	<0.20	<0.19	<0.20	<0.22	<0.28	<0.26	<0.19	<0.20	<0.20	<0.20	<0.21	<0.19	<0.19	<0.20	<0.20
Benzo(a)anthracene		**0.030**	<0.068 E	<0.065 E	<0.068 E	<0.074 E	<0.094 E	<0.089 E	<0.065 E	<0.068 E	<0.068 E	<0.068 E	<0.21 E	<0.065 E	<0.065 E	<0.068 E	<0.068 E
Benzo(a)pyrene		**0.20**	<0.17	<0.17	<0.17	<0.19	<0.24 E	<0.23 E	<0.17	<0.17	<0.17	<0.17	<0.21 E	<0.17	<0.17	<0.17	<0.17
Benzo(b)fluoranthene		**0.25**	<0.15	<0.15	<0.15	<0.17	<0.21	<0.20	<0.15	<0.15	<0.15	<0.15	<0.21	<0.15	<0.15	<0.15	<0.15
Benzo(g,h,i)perylene		**NE**	<0.20	<0.19	<0.20	<0.22	<0.28	<0.26	<0.19	<0.20	<0.20	<0.20	<0.21	<0.19	<0.19	<0.20	<0.20
Benzo(k)fluoranthene		**2.5**	<0.14	<0.13	<0.14	<0.15	<0.19	<0.18	<0.13	<0.14	<0.14	<0.14	<0.21	<0.13	<0.13	<0.14	<0.14
Bis(2-ethylhexyl)phthalate		**6.0**	<2.2	<2.1	<2.2	<2.4	<3.1	**8.8** *	<2.1	<2.2	<2.2	<2.2	<5.2	<2.1	**4.3** J	**6.7** B *	**4.4** J
Chrysene		**25**	<0.20	<0.19	<0.20	<0.22	<0.28	<0.26	<0.19	<0.20	<0.20	<0.20	<0.21	<0.19	<0.19	<0.20	<0.20
Dibenz(a,h)anthracene		**0.025**	<0.20 E	<0.19 E	<0.20 E	<0.22 E	<0.28 E	<0.26 E	<0.19 E	<0.20 E	<0.20 E	<0.20 E	<0.21 E	<0.19 E	<0.19 E	<0.20 E	<0.20 E
Dibenzofuran		**0.79**	<1.0 E	<0.96 E	<1.0 E	<1.1 E	<1.4 E	<1.3 E	<0.96 E	<1.0 E	<1.0 E	<1.0 E	<1.0 E	<0.96 E	<0.96 E	<1.0 E	<1.0 E
Diethylphthalate		**1,500**	<5.0	<4.8	<5.0	<5.4	<6.9	<6.6	<4.8	<5.0	<5.0	**0.44** J	<5.2	<4.8	<4.8	<5.0	<5.0
Dimethyl phthalate		**NE**	<2.0	<1.9	<2.0	<2.2	<2.8	<2.6	<1.9	<2.0	<2.0	**0.62** J	<2.1	<1.9	<1.9	<2.0	<2.0
Fluoranthene		**80**	**0.25**	<0.19	<0.20	**0.17** J	<0.28	<0.26	<0.19	<0.20	<0.20	<0.20	<0.21	<0.19	<0.19	<0.20	<0.20
Fluorene		**29**	<0.20	<0.19	<0.20	<0.22	<0.28	<0.26	<0.19	<0.20	<0.20	<0.20	<0.21	<0.19	<0.19	<0.20	<0.20
Indeno(1,2,3-cd)pyrene		**0.25**	<0.14	<0.13	<0.14	<0.15	<0.19	<0.18	<0.13	<0.14	<0.14	<0.14	<0.21	<0.13	<0.13	<0.14	<0.14
2-Methylnaphthalene		**3.6**	<0.20	<0.19	<0.20	<0.22	<0.28	<0.26	<0.19	<0.20	<0.20	**0.15** J	<0.21	<0.19	<0.19	<0.20	<0.20
Naphthalene		**0.12**	<0.11	<0.10	<0.11	<0.12	<0.15 E	<0.14 E	<0.10	<0.11	<0.11	**0.27** *	<0.21 E	<0.10	<0.10	<0.11	<0.11
Phenanthrene		**NE**	**0.26**	<0.19	<0.20	**0.18** J	<0.28	<0.26	<0.19	<0.20	<0.20	<0.20	<0.21	<0.19	<0.19	<0.20	<0.20
Pyrene		**12**	**0.18** J	<0.19	<0.20	**0.12** J	<0.28	<0.26	<0.19	<0.20	<0.20	<0.20	<0.21	<0.19	<0.19	**0.16** J	<0.20
All Other Analyzed SVOCs		**Varies**	BRL	BRL	BRL	BRL	BRL	BRL	BRL	BRL	BRL	BRL	BRL	BRL	BRL	BRL	BRL
METALS VIA U.S. EPA METHODS 6010/7196/7470																	
Arsenic		**10**	**33** *	**140** *	**22** *	**1,900** *	**2,200** *	**6,600** *	**25** *	**22** *	**26** *	**10** J *	**27.0** *	**180** *	**170** *	**13** J *	**46** *
Arsenic, dissolved		**10**	**19** *	**37** *	**21** *	**37** *	**49** *	**19** *	**19** *	**19** *	**24** *	**4.6** J	**120** *	**7.5** J	**18** *	<4.1	<4.1
Barium		**2,000**	**55** J	**190** J	**35** J	**890**	**810**	**8,000** *	**60** J	**45** J	**43** J	**78.0** J	**160**	**610**	**520**	**66** J	**81** J
Barium, dissolved		**2,000**	**83** J	**36** J	**30** J	**59** J	**82** J	**36** J	**40** J	**35** J	**34** J	**51** J	**400**	**85** J	**53** J	**42** J	**34** J
Cadmium		**5.0**	<5.0	**0.95** J	<5.0	**6.9** J *	**9.4** J *	**34** J *	<5.0	<5.0	<5.0	<5.0	**0.47** J	**1.5** J	**1.3** J	<5.0	**0.58** J
Cadmium, dissolved		**5.0**	<5.0	<5.0	<5.0	<5.0	**0.64** J	<5.0	<5.0	<5.0	<5.0	<5.0	**1.1** J	<5.0	<5.0	<5.0	**0.50** J
Chromium (VI)		**0.11**	<7.0 E	<7.0 E	<180 E	<7.0 E	<7.0 E	<7.0 E	<7.0 E	<7.0 E	<7.0 E	<70 E	**210** J *	<70 E	<7.0 E	<7.0 E	**12** J *
Chromium (Total)		**100**	**5.4** J	**83**	**2.6** J	**1,200** *	**1,500** *	**4,500** *	**6.5** J	**2.6** J	**3.7** J	**12**	**20**	**180** *	**140** *	**13**	**17**
Chromium (Total), dissolved		**100**	**7.6** J	<10	<10	**10**	**27**	**0.79** J	<10	<10	<10	**1.0** J	**150** *	**6.1** J	**6.5** J	**2.1** J	<10
Copper		**1,300**	**6.4** J	**140**	<25	**2,100** *	**2,300** *	**7,800** *	**10** J	**4.6** J	**4.8** J	**11** J	**48**	**230**	**190**	**11** J	**34**
Copper, dissolved		**1,300**	**9.7** J	<25	<25	**14** J	**39**	<25	<25	<25	<25	<25	**240**	**6.4** J	**9.1** J	<25	<25
Lead		**10**	**4.5** J	**83** *	<10	**970** *	**1,000** *	**3,800** *	<10	<10	<10	**4.9** J	**26** *	**120** *	**90** *	**7.9** J	**16** *
Lead, dissolved		**10**	**7.3** J	<10	<10	**6.6** J	**27** *	<10	<10	<10	<10	<10	**93** *	**4.2** J	**4.1** J	<10	<10
Mercury		**2.0**	<0.13	<0.13	<0.13	**0.52**	**0.79**	**2.2** *	<0.13	<0.13	<0.13	<0.13	<0.20	**0.14** J	**0.14** J	<0.13	<0.13
Selenium		**50**	<20	<20	<20	<100 E	**69** J *	**110** J *	<20	<20	<20	<20	<20	**7.9** J	<20	<20	<20
Selenium, dissolved		**50**	<20	<20	<20	<20	<20	<20	<20	<20	<20	<20	<20	<20	<20	<20	<20
Zinc		**600**	<50	**380**	<50	**6,600** *	**8,100** *	**25,000** *	**23** J	<50	**25** J	**46** J	**88**	**900** *	**660** *	**44** J	**120**
Zinc, dissolved		**600**	**30** J	<50	<50	**43** J	**130**	<50	<50	<50	<50	<50	**590**	**29** J	**52**	<50	<50
All Other Analyzed Metals		**Varies**	BRL	BRL	BRL	BRL	BRL	BRL	BRL	BRL	BRL	BRL	BRL	BRL	BRL	BRL	BRL
POLYCHLORINATED BIPHENYLS (PCBs) VIA U.S. EPA METHOD 8082																	
Total PCBs		**0.5**	<0.053	<0.053	<0.054	**0.10**	<0.084	<0.081	**0.11**	<0.053	<0.053	<0.054	<0.10	<0.055	<0.054	<0.054	<0.054
Aroclor 1242		**0.0078**	<0.072 E	<0.072 E	<0.074 E	**0.10** *	<0.11 E	<0.11 E	**0.11** *	<0.072 E	<0.072 E	<0.074 E	<0.10 E	<0.075 E	<0.073 E	<0.074 E	<0.073 E
All Other Analyzed PCBs		**Varies**	BRL	BRL	BRL	BRL	BRL	BRL	BRL	BRL	BRL	BRL	BRL	BRL	BRL	BRL	BRL
CYANIDE VIA U.S. EPA METHOD 9012 AND OIA-1677																	
Cyanide, Total		**NE**	<6.0	<6.0	<6.0	<6.0	<6.0	<6.0	<6.0	<6.0	**23**	**9.6** J	**7.5** J	**99**	**51**	**28**	**87**
Cyanide, Free		**200**	<5.0	<5.0	<5.0	**6.9**	**6.0**	**6.0**	**7.4**	**5.5** J	<5.0	<5.0	<6.0	<5.0	**6.4**	<5.0	**15**

Abbreviations & Notes

B = Compound was detected in an associated blank
BRL = Below Laboratory Reporting Limits
DUP = Duplicate Sample
E = Reporting limit exceeds GWPS due to dilution or analytical limitations
J = Reported value is estimated
MCL = Maximum Contaminant Level
NE = Not Established
RSL = Regional Screening Level
TCR = Target Cancer Risk
THQ = Target Hazard Quotient
U.S. EPA = United States Environmental Protection Agency

The following denote the symbol and color of screening level exceedances:

* = At or above U.S. EPA Ground Water Protection Standards (GWPS)

Where default reporting limits exceed GWPS, results are reported as non-detect at the method detection limit.

GWPS are the U.S. EPA MCL, if available, or current U.S. EPA Residential Tapwater RSL assuming TCR of 1x10-6 and THQ of 0.1.

Results and GWPS are reported in micrograms per liter (µg/L).

SUMMARY OF GRAB GROUNDWATER ANALYTICAL DATA

	Site Area		On-Site	On-Site	On-Site	On-Site	On-Site	On-Site	On-Site	On-Site	On-Site
	Sample ID:	U.S. EPA 2024 GWPS (*)	SB-15-GW	SB-16-GW	SB-17-GW	SB-18-GW	SB-19-GW	SB-20-GW	SB-21-GW	SB-22-GW	
	Depth (feet):		6-16	14-24	18-28	14-24	18-28	14-24	18-28	18-28	18-28 [DUP-1]
	Sample Date:		10/15/2024	10/16/2024	10/16/2024	10/16/2024	10/16/2024	10/16/2024	10/17/2024	10/17/2024	10/17/2024
VOLATILE ORGANIC COMPOUDS (VOCs) VIA U.S. EPA METHOD 8260											
Acetone (2-Propanone)		1,800	**12**	**11**	<10	**12**	**6.6**	**6.1**	<10	<10	<10
Bromomethane (methyl bromide)		0.75	<0.42	<1.0 E	<1.0 E	<1.0 E	<1.0 E	<1.0 E	<0.42	<0.42	<0.42
2-Butanone (MEK)		560	**1.9** J	**7.2** J	<10	**24**	**1.2** J	**1.2** J	<10	<10	<10
cis-1,2-Dichloroethene (cis-1,2-DCE)		70	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
2-Hexanone		3.8	<10 E	<10 E	<10 E	**1.8** J	<10 E	<10 E	<10 E	<10 E	<10 E
1,2,4-Trichlorobenzene		70	<0.77	<1.0	<1.0	<1.0	<1.0	<1.0	**1.2**	<0.77	<0.77
Trichloroethene (TCE)		5.0	<0.44	<1.0	<1.0	<1.0	<1.0	<1.0	<0.44	**5.6** *	**5.2** *
All Other Analyzed VOCs		Varies	BRL	BRL	BRL	BRL	BRL	BRL	BRL	BRL	BRL
SEMIVOLATILE ORGANIC COMPOUNDS (SVOCs) VIA U.S. EPA METHOD 8270											
Acenaphthene		53	<0.19	<0.20	<0.19	**0.77**	<0.21	<0.19	<0.20	<0.20	<0.20
Anthracene		180	**0.13** J	<0.20	<0.19	**1.7**	<0.21	<0.19	<0.20	<0.20	<0.20
Benzo(a)anthracene		0.030	**0.25** *	<0.20 E	<0.19 E	**2.8** *	<0.21 E	<0.19 E	<0.068 E	<0.068 E	<0.068 E
Benzo(a)pyrene		0.20	**0.19**	<0.20	<0.19	**2.2** *	<0.21 E	<0.19	<0.17	<0.17	<0.17
Benzo(b)fluoranthene		0.25	**0.26** *	<0.20	<0.19	**2.7** *	<0.21	<0.19	<0.15	<0.15	<0.15
Benzo(g,h,i)perylene		NE	<0.19	<0.20	<0.19	**1.2**	<0.21	<0.19	<0.20	<0.20	<0.20
Benzo(k)fluoranthene		2.5	<0.13	<0.20	<0.19	**1.2**	<0.21	<0.19	<0.14	<0.14	<0.14
Bis(2-ethylhexyl)phthalate		6.0	<2.1	<5.0	**2.4** J	<4.8	<5.2	<4.8	**3.1** JB	**7.9** B *	**3.4** JB
Chrysene		25	**0.24**	<0.20	<0.19	**2.5**	<0.21	<0.19	<0.20	<0.20	<0.20
Dibenz(a,h)anthracene		0.025	<0.19 E	<0.20 E	<0.19 E	**0.27** *	<0.21 E	<0.19 E	<0.20 E	<0.20 E	<0.20 E
Dibenzofuran		0.79	<0.96 E	<1.0 E	<0.96 E	**0.38** J	<1.0 E	<0.96 E	<1.0 E	<1.0 E	<1.0 E
Diethylphthalate		1,500	<4.8	<5.0	<4.8	<4.8	<5.2	<4.8	<5.0	<5.0	<5.0
Dimethyl phthalate		NE	<1.9	<2.0	<1.9	<1.9	<2.1	<1.9	<2.0	<2.0	<2.0
Fluoranthene		80	**0.57**	<0.20	<0.19	**7.6**	<0.21	<0.19	<0.20	<0.20	<0.20
Fluorene		29	<0.19	<0.20	<0.19	**0.74**	<0.21	<0.19	<0.20	<0.20	<0.20
Indeno(1,2,3-cd)pyrene		0.25	<0.13	<0.20	<0.19	**0.92** *	<0.21	<0.19	<0.14	<0.14	<0.14
2-Methylnaphthalene		3.6	**0.18** J	<0.20	<0.19	<0.19	<0.21	<0.19	<0.20	<0.20	<0.20
Naphthalene		0.12	**0.21** *	<0.20 E	<0.19 E	**0.28** *	<0.21 E	<0.19 E	<0.11	<0.11	<0.11
Phenanthrene		NE	**0.43**	<0.20	<0.19	**5.9**	<0.21	<0.19	<0.20	<0.20	<0.20
Pyrene		12	**0.40**	<0.20	<0.19	**5.5**	<0.21	<0.19	<0.20	<0.20	<0.20
All Other Analyzed SVOCs		Varies	BRL	BRL	BRL	BRL	BRL	BRL	BRL	BRL	BRL
METALS VIA U.S. EPA METHODS 6010/7196/7470											
Arsenic		10	**29** *	**180** *	**22.0** *	**60** *	**36** *	**110** *	**230** *	**9.0** J	**6.8** J
Arsenic, dissolved		10	**28** *	<15 E	**8.4** J	<15 E	**9.4** J	**13** J *	<4.1	<4.1	<4.1
Barium		2,000	**140** J	**440**	**60**	**210**	**160**	**270**	**170** J	**45** J	**42** J
Barium, dissolved		2,000	**130** J	**54**	**45**	**34**	**47**	**33**	**24** J	**35** J	**33** J
Cadmium		5.0	<5.0	**1.5** J	<5.0	**0.66** J	**0.82** J	**1.3** J	**0.51** J	<5.0	<5.0
Cadmium, dissolved		5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
Chromium (VI)		0.11	**140** J *	<200 E	<20 E	<20 E	<20 E	**110** J *	<7.0 E	<7.0 E	<7.0 E
Chromium (Total)		100	**29**	**110** *	**6.8** J	**53**	**54**	**200** *	**44**	**5.2** J	**4.6** J
Chromium (Total), dissolved		100	**29**	<10	<10	<10	<10	<10	**1.6** J	**1.3** J	**1.2** J
Copper		1,300	**36**	**160**	**10** J	**85**	**100**	**190**	**170**	**6.8** J	**5.0** J
Copper, dissolved		1,300	**34**	<25	<25	<25	<25	<25	**71**	<25	<25
Lead		10	**18** *	**83** *	**4.3** J	**54** *	**51** *	**110** *	**47** *	**3.7** J	<10
Lead, dissolved		10	**18** *	<10	<10	<10	<10	<10	<10	<10	<10
Mercury		2.0	<0.13	<0.20	<0.20	<0.20	<0.20	<0.20	<0.13	<0.13	<0.13
Selenium		50	**7.3** J	<20	<20	<20	<20	<20	<20	<20	<20
Selenium, dissolved		50	**6.9** J	<20	<20	<20	<20	<20	**6.3** J	<20	<20
Zinc		600	**130**	**480**	**26** J	**300**	**180**	**510**	**290**	**26** J	<50
Zinc, dissolved		600	**120**	<50	<50	<50	<50	<50	<50	<50	<50
All Other Analyzed Metals		Varies	BRL	BRL	BRL	BRL	BRL	BRL	BRL	BRL	BRL
POLYCHLORINATED BIPHENYLS (PCBs) VIA U.S. EPA METHOD 8082											
Total PCBs		0.5	<0.053	<0.099	<0.096	<0.095	<0.097	<0.10	<0.054	<0.054	<0.054
Aroclor 1242		0.0078	<0.072 E	<0.099 E	<0.096 E	<0.095 E	<0.097 E	<0.10 E	<0.074 E	<0.074 E	<0.073 E
All Other Analyzed PCBs		Varies	BRL	BRL	BRL	BRL	BRL	BRL	BRL	BRL	BRL
CYANIDE VIA U.S. EPA METHOD 9012 AND OIA-1677											
Cyanide, Total		NE	**60**	**23**	**10**	**10**	<10	**9.7**	**410**	**24**	**23**
Cyanide, Free		200	**8.9**	<6.0	<6.0	<6.0	<6.0	<6.0	**170**	<5.0	<5.0

Abbreviations & Notes

B = Compound was detected in an associated blank
BRL = Below Laboratory Reporting Limits
DUP = Duplicate Sample
E = Reporting limit exceeds GWPS due to dilution or analytical limitations
J = Reported value is estimated
MCL = Maximum Contaminant Level
NE = Not Established
RSL = Regional Screening Level
TCR = Target Cancer Risk
THQ = Target Hazard Quotient
U.S. EPA = United States Environmental Protection Agency

The following denote the symbol and color of screening level exceedances:

* = At or above U.S. EPA Ground Water Protection Standards (GWPS)

Where default reporting limits exceed GWPS, results are reported as non-detect at the method detection limit.

GWPS are the U.S. EPA MCL, if available, or current U.S. EPA Residential Tapwater RSL assuming TCR of 1x10-6 and THQ of 0.1.

Results and GWPS are reported in micrograms per liter (µg/L).

SUMMARY OF SOIL ANALYTICAL DATA
SURFACE WATER FEATURE

August Mack ENVIRONMENTAL	*Site Areas*	U.S. EPA 2024 RESIDENT SOIL RSLs (*)	U.S. EPA 2024 INDUSTRIAL SOIL RSLs (**)	Surface Water Feature	Surface Water Feature	Surface Water Feature	Surface Water Feature	Surface Water Feature	Surface Water Feature	Surface Water Feature	Surface Water Feature	Surface Water Feature	Surface Water Feature	Surface Water Feature	Surface Water Feature
	Sample Location:			SB-23			SB-24				SB-25			SB-26	
	Sample Depth (feet):			0.0-0.5	0.5-1.0	2.0-2.5	0.0-0.5	0.0-0.5 [DUP-9]	0.5-1.0	2.0-2.5	0.0-0.5	0.5-1.0	2.0-2.5	0.0-0.5	0.5-1.0
	Sample Date:			10/08/2024	10/08/2024	10/08/2024	10/08/2024	10/08/2024	10/08/2024	10/08/2024	10/08/2024	10/08/2024	10/08/2024	10/08/2024	10/08/2024
SEMIVOLATILE ORGANIC COMPOUNDS (SVOCs) VIA U.S. EPA METHOD 8270															
Acenaphthene		360	4,500	<0.068	<0.057	<0.049	<0.065	<0.062	<0.057	<0.050	<0.120	<0.078	<0.050	<0.099	<0.058
Acenaphthylene		NE	NE	<0.068	<0.057	<0.049	0.025 J	<0.062	<0.057	<0.050	<0.120	<0.078	<0.050	<0.099	<0.058
Anthracene		1,800	23,000	0.036 J	0.046 J	<0.049	0.051 J	0.040 J	0.027 J	<0.050	<0.120	<0.078	<0.050	<0.099	<0.058
Benzo(a)anthracene		1.1	21	0.26	0.28	<0.049	0.41	0.34	0.11	<0.050	0.24	0.073 J	<0.050	0.18	0.030 J
Benzo(a)pyrene		0.11	2.1	0.37 *	0.43 *	<0.049	0.59 *	0.50 *	0.13 *	<0.050	0.35 *	0.100	<0.050	0.27 *	0.035 J
Benzo(b)fluoranthene		1.1	21	0.76	0.80	0.028 J	1.3 *	1.1 *	0.25	0.026 J	0.69	0.20	<0.050	0.55	0.055 J
Benzo(g,h,i)perylene		NE	NE	0.43	0.51	<0.049	0.75	0.63	0.12	<0.050	0.38	0.12	<0.050	0.31	<0.058
Benzo(k)fluoranthene		11	210	0.26	0.26	<0.049	0.49	0.36	0.076	<0.050	0.23	0.079	<0.050	0.15	0.036 J
Chrysene		110	2,100	0.53	0.54	0.019 J	0.94	0.77	0.16	0.023 J	0.49	0.16	<0.050	0.39	0.050 J
Dibenz(a,h)anthracene		0.11	2.1	0.068	0.086	<0.049	0.14 *	0.11 *	0.027 J	<0.050	0.069 J	<0.078	<0.050	0.058 J	<0.058
Fluoranthene		240	3,000	0.88	0.98	0.023 J	1.3	1.2	0.33	0.040 J	0.84	0.24	<0.050	0.59	0.089
Fluorene		240	3,000	<0.068	<0.057	<0.049	<0.065	<0.062	<0.057	<0.050	<0.120	<0.078	<0.050	<0.099	<0.058
Indeno(1,2,3-cd)pyrene		1.1	21	0.31	0.37	<0.049	0.56	0.45	0.100	<0.050	0.27	0.079	<0.050	0.23	0.025 J
Naphthalene		2.0	8.6	0.053 J	0.046 J	<0.049	0.084	0.079	0.019 J	<0.050	<0.120	<0.078	<0.050	<0.099	<0.058
Phenanthrene		NE	NE	0.28	0.32	<0.049	0.36	0.33	0.13	0.024 J	0.26	0.082	<0.050	0.16	0.033 J
Pyrene		180	2,300	0.67	0.75	0.020 J	1.0	0.92	0.28	0.034 J	0.66	0.22	<0.050	0.49	0.079
All Other Analyzed SVOCs		Varies	Varies	BRL	BRL	BRL	BRL	BRL	BRL	BRL	BRL	BRL	BRL	BRL	BRL
ELEMENTS VIA U.S. EPA METHODS 6010/7471															
Arsenic		0.68	3.0	11 **	12 **	15 **	7.8 **	10.0 **	10.0 **	7.6 **	17 **	9.8 **	4.1 **	12 **	6.0 **
Barium		1,500	22,000	84	40	48	82	67	78	92	130	100	81	90	82
Cadmium		0.71	10.0	0.260 J	0.190 J	0.0510 J	0.310 J	0.340 J	0.520 J	0.120 J	0.520 J	0.500 J	0.0480 J	0.480 J	0.250 J
Chromium (Hexavalent)		0.30	6.3	<0.700 E	<1.0 E	<0.170	<2.3 E	<1.1 E	<1.0 E	<0.890 E	<4.1 E	<1.3 E	<0.900 E	<3.5 E	<2.1 E
Chromium (Total)		NE	NE	16	13	17	16	22	25	12	29	25	11	34	14
Copper		310	4,700	2.4 J	5.3	17	<3.5	3.0	31	10.0	2.7 J	25	6.0	12	12
Lead		200	800	22	20	13	22	24	36	10.0	28	40	9.4	30	28
Mercury		1.1	4.6	0.0650 J	0.0580 J	0.0360 J	0.0430 J	0.0600 J	0.0690 J	0.0530 J	0.0790 J	0.1000 J	0.0380 J	0.0910 J	0.0970 J
Selenium		39	580	1.2 J	0.670 J	<1.9	<2.8	<2.2	1.2 J	<2.3	<4.5	0.910 J	<1.9	1.2 J	<2.4
Silver		39	580	<1.5	<1.1	<0.930	<1.4	<1.1	<1.3	<1.2	<2.3	<1.7	<0.950	<2.0	<1.2
Zinc		2,300	35,000	9,400 *	2,100	260	24,000 *	5,700 *	620	150	16,000 *	380	81	2,300 *	99
WET CHEMISTRIES VIA U.S. EPA METHOD 9045/9012															
Free Cyanide (Leachate - mg/L)		0.20	NE	<0.0060	<0.0060	<0.0060	<0.0060	<0.0060	<0.0060	<0.0060	0.0120	0.0074	0.0054 J	0.0140	<0.0060
Estimated Free Cyanide in Soil (Leachate x 20 - mg/kg)		2.3	15	ND	ND	ND	ND	ND	ND	ND	0.240	0.148	0.108 J	0.280	ND
Total Cyanide		2.3	15	600 **	240 **	87 **	940 **	820 **	24 **	30 **	860 **	74 **	22 **	380 **	20 **

Abbreviations & Notes

NE = Not Established; RSLs = Regional Screening Levels
J = Reported value is estimated
USEPA = United States Environmental Protection Agency; SSLs = Soil Screening Levels
All results and USEPA Screening Levels are reported in miligrams per kilogram (mg/kg).
USEPA RSLs are based on the Regional Screening Levels Generic Tables April 2024 Update.
RSLs are based on a 1E-6 target cancer risk and a 0.1 target hazard quotient (THQ).

The following denote the symbol and color of screening level exceedances:

* = At or Above USEPA 2024 Resident Soil RSL
** = At or Above USEPA 2024 Industrial Soil RSLs

SUMMARY OF SOIL ANALYTICAL DATA
SURFACE WATER FEATURE

	Site Areas	U.S. EPA 2024 RESIDENT SOIL RSLs (*)	U.S. EPA 2024 INDUSTRIAL SOIL RSLs (**)	Surface Water Feature	Surface Water Feature	Surface Water Feature	Surface Water Feature	Surface Water Feature	Surface Water Feature	Surface Water Feature	Surface Water Feature	Surface Water Feature	Surface Water Feature	Surface Water Feature	Surface Water Feature
	Sample Location:			SB-26	SB-27			SB-28				SB-29			SB-30
	Sample Depth (feet):			2.0-2.5	0.0-0.5	0.5-1.0	2.0-2.5	0.0-0.5	0.5-1.0	0.5-1.0 [DUP-10]	2.0-2.5	0.0-0.5	0.5-1.0	2.0-2.5	0.0-0.5
	Sample Date:			10/08/2024	10/08/2024	10/08/2024	10/08/2024	10/08/2024	10/08/2024	10/08/2024	10/08/2024	10/08/2024	10/08/2024	10/08/2024	10/09/2024
SEMIVOLATILE ORGANIC COMPOUNDS (SVOCs) VIA U.S. EPA METHOD 8270															
Acenaphthene		360	4,500	<0.050	<0.064	<0.120	<0.051	<0.110	<0.056	<0.058	<0.049	<0.094	<0.077	<0.053	<0.083
Acenaphthylene		NE	NE	<0.050	<0.064	<0.120	<0.051	<0.110	<0.056	<0.058	<0.049	<0.094	<0.077	<0.053	<0.083
Anthracene		1,800	23,000	<0.050	0.039 J	0.047 J	<0.051	<0.110	<0.056	<0.058	<0.049	<0.094	<0.077	<0.053	<0.083
Benzo(a)anthracene		1.1	21	<0.050	0.23	0.24	<0.051	0.14	0.0310 J	0.0320 J	<0.049	0.0760 J	0.0900	<0.053	0.160
Benzo(a)pyrene		0.11	2.1	<0.050	0.30 *	0.28 *	0.018 J	0.23 *	0.0330 J	0.0360 J	0.0180 J	0.110 *	0.120 *	0.0190 J	0.230 *
Benzo(b)fluoranthene		1.1	21	<0.050	0.61	0.46	0.035 J	0.46	0.0650	0.0840	0.0310 J	0.250	0.260	0.0360 J	0.420
Benzo(g,h,i)perylene		NE	NE	<0.050	0.35	0.27	<0.051	0.25	<0.056	0.0400 J	<0.049	0.120	0.130	<0.053	0.260
Benzo(k)fluoranthene		11	210	<0.050	0.17	0.18	<0.051	0.13	0.0200 J	0.0170 J	0.0130 J	0.0810 J	0.0860	0.0140 J	0.170
Chrysene		110	2,100	<0.050	0.41	0.32	0.024 J	0.31	0.0440 J	0.0580	0.0220 J	0.160	0.180	0.0240 J	0.370
Dibenz(a,h)anthracene		0.11	2.1	<0.050	0.066	0.060 J	<0.051	0.042 J	<0.056	<0.058	<0.049	<0.094	<0.077	<0.053	0.0470 J
Fluoranthene		240	3,000	<0.050	0.78	0.66	0.036 J	0.48	0.0820	0.1000	0.0380 J	0.280	0.290	0.0440 J	0.610
Fluorene		240	3,000	<0.050	<0.064	<0.120	<0.051	<0.110	<0.056	<0.058	<0.049	<0.094	<0.077	<0.053	<0.083
Indeno(1,2,3-cd)pyrene		1.1	21	<0.050	0.26	0.22	<0.051	0.18	0.0250 J	0.0320 J	<0.049	0.0890 J	0.1000	<0.053	0.180
Naphthalene		2.0	8.6	<0.050	0.038 J	<0.120	<0.051	<0.110	<0.056	<0.058	<0.049	<0.094	<0.077	<0.053	0.0290 J
Phenanthrene		NE	NE	<0.050	0.29	0.25	0.016 J	0.14	0.0340 J	0.0380 J	0.0170 J	0.0830 J	0.0830	<0.053	0.180
Pyrene		180	2,300	<0.050	0.61	0.53	0.030 J	0.41	0.0660	0.0850	0.0330 J	0.230	0.230	0.0330 J	0.470
All Other Analyzed SVOCs		Varies	Varies	BRL	BRL	BRL	BRL	BRL	BRL	BRL	BRL	BRL	BRL	BRL	BRL
ELEMENTS VIA U.S. EPA METHODS 6010/7471															
Arsenic		0.68	3.0	7.8 **	9.3 **	19 **	8.8 **	8.7 **	6.6 **	7.6 **	11 **	7.3 **	9.2 **	5.6 **	7.0 **
Barium		1,500	22,000	74	63	82	62	89	93	91	66	73	120	67	62
Cadmium		0.71	10.0	0.1000 J	0.330 J	0.870 *	0.110 J	0.420 J	0.440 J	0.300 J	0.0640 J	0.500 J	0.500 J	0.170 J	0.430 J
Chromium (Hexavalent)		0.30	6.3	<0.880 E	13 J **	<0.220	<0.180	<3.7 E	<1.9 E	<1.0 E	<0.170	<1.6 E	<1.4 E	<1.9 E	<2.8 E
Chromium (Total)		NE	NE	10.0	26	43	13	30	19	18	10.0	26	27	10.0	19
Copper		310	4,700	8.3	1.8 J	22	11	15	15	16	7.4	9.4	22	9.1	1.4 J
Lead		200	800	9.9	26	83	13	28	31	37	11	27	42	14	23
Mercury		1.1	4.6	0.0460 J	0.0600 J	0.110 J	0.0380 J	0.0840 J	0.0830 J	0.0820 J	0.0370 J	0.0730 J	0.0830 J	0.0440 J	0.0780 J
Selenium		39	580	<2.1	0.870 J	2.0 J	<2.2	<5.1	0.860 J	<2.4	<2.1	1.8 J	<3.6	<2.2	<3.5
Silver		39	580	<1.1	<1.5	<1.1	<1.1	<2.6	<1.2	<1.2	<1.0	<2.2	<1.8	<1.1	<1.7
Zinc		2,300	35,000	60	7,500 *	1,400	360	2,300 *	240	150	45	4,700 *	170	69	22,000 *
WET CHEMISTRIES VIA U.S. EPA METHOD 9045/9012															
Free Cyanide (Leachate - mg/L)		0.20	NE	0.0062	0.0250	0.0072	0.0087	0.0120	0.0074	0.0068	<0.0060	0.0320	<0.0060	<0.0060	0.0250
Estimated Free Cyanide in Soil (Leachate x 20 - mg/kg)		2.3	15	0.124	0.500	0.144	0.174	0.240	0.148	0.136	ND	0.640	ND	ND	0.500
Total Cyanide		2.3	15	9.9 *	930 **	100 **	100 **	270 **	9.0 *	20 **	6.9 *	450 **	220 **	6.6 J *	320 **

Abbreviations & Notes

NE = Not Established; RSLs = Regional Screening Levels
J = Reported value is estimated
USEPA = United States Environmental Protection Agency; SSLs = Soil Screening Levels
All results and USEPA Screening Levels are reported in miligrams per kilogram (mg/kg).
USEPA RSLs are based on the Regional Screening Levels Generic Tables April 2024 Update.
RSLs are based on a 1E-6 target cancer risk and a 0.1 target hazard quotient (THQ).

The following denote the symbol and color of screening level exceedances:

* = At or Above USEPA 2024 Resident Soil RSL
** = At or Above USEPA 2024 Industrial Soil RSLs

SUMMARY OF SOIL ANALYTICAL DATA
SURFACE WATER FEATURE

August Mack ENVIRONMENTAL	*Site Areas*	U.S. EPA 2024 RESIDENT SOIL RSLs (*)	U.S. EPA 2024 INDUSTRIAL SOIL RSLs (**)	Surface Water Feature	Surface Water Feature	Surface Water Feature	Surface Water Feature	Surface Water Feature	Surface Water Feature	Surface Water Feature	Surface Water Feature	Surface Water Feature	Surface Water Feature	Surface Water Feature	Surface Water Feature
	Sample Location:			SB-30			SB-31				SB-32				SB-33
	Sample Depth (feet):			0.5-1.0	0.5-1.0 [DUP-13]	2.0-2.5	0.0-0.5	0.0-0.5 [DUP-12]	0.5-1.0	2.0-2.5	0.0-0.5	0.0-0.5 [DUP-11]	0.5-1.0	2.0-2.5	0.0-0.5
	Sample Date:			10/09/2024	10/09/2024	10/09/2024	10/09/2024	10/09/2024	10/09/2024	10/09/2024	10/09/2024	10/09/2024	10/09/2024	10/09/2024	10/09/2024
SEMIVOLATILE ORGANIC COMPOUNDS (SVOCs) VIA U.S. EPA METHOD 8270															
Acenaphthene		360	4,500	<0.057	<0.053	<0.050	<0.080	<0.077	<0.058	<0.073	<0.062	<0.062	<0.062	<0.057	<0.057
Acenaphthylene		NE	NE	<0.057	<0.053	<0.050	<0.080	<0.077	<0.058	<0.073	<0.062	<0.062	<0.062	<0.057	0.0250 J
Anthracene		1,800	23,000	<0.057	<0.053	<0.050	0.0500 J	0.0480 J	<0.058	<0.073	0.0380 J	0.0390 J	0.0390 J	<0.057	0.0470 J
Benzo(a)anthracene		1.1	21	0.0570	<0.053	0.0230 J	0.330	0.320	0.0700	0.0270 J	0.240	0.290	0.230	0.0290 J	0.310
Benzo(a)pyrene		0.11	2.1	0.0660	0.0240 J	0.0230 J	0.480 *	0.470 *	0.0870	0.0300 J	0.350 *	0.410 *	0.310 *	0.0400 J	0.470 *
Benzo(b)fluoranthene		1.1	21	0.110	0.0350 J	0.0420 J	0.960	0.920	0.150	0.0570 J	0.750	0.950	0.560	0.0820	1.1 *
Benzo(g,h,i)perylene		NE	NE	0.0620	0.0390 J	<0.050	0.480	0.470	0.0730	<0.073	0.350	0.390	0.260	<0.057	0.530
Benzo(k)fluoranthene		11	210	0.0420 J	0.0160 J	0.0160 J	0.300	0.280	0.0580	0.0200 J	0.270	0.290	0.200	0.0260 J	0.300
Chrysene		110	2,100	0.0850	0.0340 J	0.0340 J	0.660	0.640	0.110	0.0370 J	0.520	0.650	0.380	0.0520 J	0.650
Dibenz(a,h)anthracene		0.11	2.1	<0.057	<0.053	<0.050	0.0880	0.0910	<0.058	<0.073	0.0720	0.0790	0.0530 J	<0.057	0.0970
Fluoranthene		240	3,000	0.150	0.0440 J	0.0610	1.2	1.1	0.180	0.0600 J	0.930	1.1	0.680	0.0790	0.920
Fluorene		240	3,000	<0.057	<0.053	<0.050	<0.080	<0.077	<0.058	<0.073	<0.062	<0.062	<0.062	<0.057	<0.057
Indeno(1,2,3-cd)pyrene		1.1	21	0.0480 J	<0.053	0.0210 J	0.380	0.370	0.0630	0.0250 J	0.290	0.330	0.210	0.0310 J	0.440
Naphthalene		2.0	8.6	0.0180 J	<0.053	<0.050	0.0400 J	0.0410 J	<0.058	<0.073	0.0380 J	0.0330 J	0.0500 J	<0.057	0.0510 J
Phenanthrene		NE	NE	0.0730	0.0440 J	0.0340 J	0.330	0.320	0.0700	<0.073	0.250	0.280	0.230	0.0290 J	0.270
Pyrene		180	2,300	0.120	0.0390 J	0.0500	0.890	0.870	0.150	0.0480 J	0.660	0.810	0.530	0.0630	0.690
All Other Analyzed SVOCs		Varies	Varies	BRL	BRL	BRL	BRL	BRL	BRL	BRL	BRL	BRL	BRL	BRL	BRL
ELEMENTS VIA U.S. EPA METHODS 6010/7471															
Arsenic		0.68	3.0	9.2 **	9.2 **	8.3 **	8.2 **	9.8 **	11 **	10.0 **	7.5 **	7.0 **	12 **	9.4 **	11 **
Barium		1,500	22,000	66	62	73	66	75	74	120	110	91	70	78	80
Cadmium		0.71	10.0	0.240 J	0.240 J	0.240 J	0.350 J	0.450 J	0.320 J	0.140 J	0.310 J	0.240 J	0.370 J	0.0980 J	0.390 J
Chromium (Hexavalent)		0.30	6.3	<2.0 E	<0.180	<0.190	<2.7 E	<2.8 E	<2.2 E	<2.5 E	<2.2 E	<2.2 E	<2.1 E	<2.1 E	<4.1 E
Chromium (Total)		NE	NE	15	15	12	22	27	20	18	16	13	21	12	24
Copper		310	4,700	17	17	14	2.5 J	4.7	27	15	<3.5	<3.0	24	7.2	4.0
Lead		200	800	370 *	22	19	23	27	31	18	25	19	32	17	29
Mercury		1.1	4.6	0.0740 J	0.140 J	0.0610 J	0.0490 J	0.0570 J	0.0540 J	0.0690 J	0.0380 J	<0.190	0.0650 J	0.0420 J	0.0390 J
Selenium		39	580	0.530 J	<2.1	0.580 J	<2.7	<3.6	0.720 J	0.820 J	0.810 J	<2.4	0.670 J	<2.2	0.670 J
Silver		39	580	<1.0	<1.0	<1.1	<1.3	<1.8	<1.3	<1.6	<1.4	<1.2	<1.4	<1.1	<1.2
Zinc		2,300	35,000	300	380	230	9,500 *	10,000 *	600	320	21,000 *	33,000 *	1,700	790	7,600 *
WET CHEMISTRIES VIA U.S. EPA METHOD 9045/9012															
Free Cyanide (Leachate - mg/L)		0.20	NE	0.0053 J	<0.0060	<0.0060	0.0420	0.0330	0.0071	0.0051 J	0.0320	0.0320	0.0470	0.0260	0.0230
Estimated Free Cyanide in Soil (Leachate x 20 - mg/kg)		2.3	15	0.106 J	ND	ND	0.840	0.660	0.142	0.102 J	0.640	0.640	0.940	0.520	0.460
Total Cyanide		2.3	15	28 **	6.9 *	24 **	690 **	580 **	37 **	17 **	700 **	760 **	260 **	60 **	390 **

Abbreviations & Notes

NE = Not Established; RSLs = Regional Screening Levels
J = Reported value is estimated
USEPA = United States Environmental Protection Agency; SSLs = Soil Screening Levels
All results and USEPA Screening Levels are reported in miligrams per kilogram (mg/kg).
USEPA RSLs are based on the Regional Screening Levels Generic Tables April 2024 Update.
RSLs are based on a 1E-6 target cancer risk and a 0.1 target hazard quotient (THQ).

The following denote the symbol and color of screening level exceedances:

* = At or Above USEPA 2024 Resident Soil RSL
** = At or Above USEPA 2024 Industrial Soil RSLs

TABLE 5

SUMMARY OF SOIL ANALYTICAL DATA
SURFACE WATER FEATURE

August Mack ENVIRONMENTAL	*Site Areas*	U.S. EPA 2024 RESIDENT SOIL RSLs (*)	U.S. EPA 2024 INDUSTRIAL SOIL RSLs (**)	Surface Water Feature	Surface Water Feature	Surface Water Feature	Surface Water Feature	Surface Water Feature	Surface Water Feature	Surface Water Feature	Surface Water Feature	Surface Water Feature	Surface Water Feature	Surface Water Feature
	Sample Location:			SB-33		SB-34			SB-35			SB-36		
	Sample Depth (feet):			0.5-1.0	2.0-2.5	0.0-0.5	0.5-1.0	2.0-2.5	0.0-0.5	0.5-1.0	2.0-2.5	0.0-0.5	0.5-1.0	2.0-2.5
	Sample Date:			10/09/2024	10/09/2024	10/08/2024	10/08/2024	10/08/2024	10/09/2024	10/09/2024	10/09/2024	10/09/2024	10/09/2024	10/09/2024
SEMIVOLATILE ORGANIC COMPOUNDS (SVOCs) VIA U.S. EPA METHOD 8270														
Acenaphthene		360	4,500	<0.047	<0.048	<0.060	<0.049	<0.047	<0.085	<0.082	<0.067	<0.064	0.0220 J	<0.051
Acenaphthylene		NE	NE	0.0180 J	<0.048	0.0280 J	<0.049	<0.047	<0.085	<0.082	<0.067	<0.064	<0.057	<0.051
Anthracene		1,800	23,000	0.0230 J	<0.048	0.0630	<0.049	<0.047	0.0260 J	<0.082	<0.067	0.0520 J	0.0500 J	<0.051
Benzo(a)anthracene		1.1	21	0.110	<0.048	0.400	0.0270 J	0.0200 J	0.160	0.1000	0.0280 J	0.290	0.300	0.0420 J
Benzo(a)pyrene		0.11	2.1	0.120 *	<0.048	0.610 *	0.0350 J	0.0210 J	0.220 *	0.110 *	<0.067	0.410 *	0.370 *	0.0510
Benzo(b)fluoranthene		1.1	21	0.200	<0.048	1.1 *	0.0650	0.0390 J	0.430	0.220	0.0740	0.820	0.780	0.0870
Benzo(g,h,i)perylene		NE	NE	0.0880	<0.048	0.620	0.0390 J	<0.047	0.220	0.0950	<0.067	0.460	0.430	0.0650
Benzo(k)fluoranthene		11	210	0.0660	<0.048	0.440	0.0210 J	0.0130 J	0.160	0.0960	0.0220 J	0.260	0.250	0.0400 J
Chrysene		110	2,100	0.140	<0.048	0.750	0.0420 J	0.0260 J	0.340	0.170	0.0440 J	0.630	0.560	0.0660
Dibenz(a,h)anthracene		0.11	2.1	0.0200 J	<0.048	0.120 *	<0.049	<0.047	0.0450 J	<0.082	<0.067	0.0830	0.0780	<0.051
Fluoranthene		240	3,000	0.280	<0.048	1.2	0.0670	0.0400 J	0.670	0.320	0.0820	1.2	1.0	0.120
Fluorene		240	3,000	<0.047	<0.048	0.0230 J	<0.049	<0.047	<0.085	<0.082	<0.067	0.0220 J	0.0230 J	<0.051
Indeno(1,2,3-cd)pyrene		1.1	21	0.0710	<0.048	0.490	0.0270 J	0.0170 J	0.170	0.0790 J	0.0300 J	0.320	0.320	0.0430 J
Naphthalene		2.0	8.6	0.0410 J	<0.048	0.0420 J	<0.049	<0.047	<0.085	0.0670 J	<0.067	0.0420 J	0.0310 J	0.0230 J
Phenanthrene		NE	NE	0.1000	<0.048	0.380	0.0250 J	0.0250 J	0.210	0.150	0.0280 J	0.370	0.320	0.0520
Pyrene		180	2,300	0.210	<0.048	0.950	0.0550	0.0380 J	0.470	0.230	0.0630 J	0.870	0.830	0.0960
All Other Analyzed SVOCs		Varies	Varies	BRL	BRL	BRL	BRL	BRL	BRL	BRL	BRL	BRL	BRL	BRL
ELEMENTS VIA U.S. EPA METHODS 6010/7471														
Arsenic		0.68	3.0	14 **	11 **	10.0 **	14 **	12 **	6.9 **	12 **	9.2 **	8.1 **	11 **	7.5 **
Barium		1,500	22,000	47	40	69	35	38	93	89	98	74	76	75
Cadmium		0.71	10.0	0.120 J	0.0780 J	0.390 J	0.0880 J	0.120 J	0.520 J	0.460 J	0.250 J	0.430 J	0.380 J	0.230 J
Chromium (Hexavalent)		0.30	6.3	0.250 J	<0.170	<1.1 E	<0.160	<0.160	<6.0 E	<0.280	<2.3 E	<2.3 E	<2.1 E	<0.180
Chromium (Total)		NE	NE	12	11	28	12	12	23	31	20	22	20	14
Copper		310	4,700	18	12	6.0	17	18	<5.1	37	13	<3.8	31	19
Lead		200	800	15	13	28	14	13	29	32	24	26	27	21
Mercury		1.1	4.6	0.0290 J	<0.120	0.0390 J	0.0310 J	0.0190 J	0.0690 J	0.0700 J	0.0580 J	0.0350 J	0.0410 J	0.0590 J
Selenium		39	580	0.630 J	<1.7	<2.3	0.530 J	0.520 J	<4.1	0.880 J	<2.7	<3.1	1.2 J	0.650 J
Silver		39	580	<1.1	<0.850	<1.2	<0.850	<1.0	<2.0	<1.9	<1.4	<1.5	<1.2	<1.0
Zinc		2,300	35,000	280	190	3,700 *	180	200	21,000 *	1,500	1,200	20,000 *	810	290
WET CHEMISTRIES VIA U.S. EPA METHOD 9045/9012														
Free Cyanide (Leachate - mg/L)		0.20	NE	0.0080	0.0051 J	0.0160	0.0130	0.0083	0.170	0.0062	0.0060	0.0650	0.0110	0.0060
Estimated Free Cyanide in Soil (Leachate x 20 - mg/kg)		2.3	15	0.160	0.102 J	0.320	0.260	0.166	3.4 *	0.124	0.120	1.3	0.220	0.120
Total Cyanide		2.3	15	36 **	8.1 *	500 **	63 **	21 **	860 **	14 *	8.5 J *	700 **	6.5 J *	<6.0 E

Abbreviations & Notes

NE = Not Established; RSLs = Regional Screening Levels
J = Reported value is estimated
USEPA = United States Environmental Protection Agency; SSLs = Soil Screening Levels
All results and USEPA Screening Levels are reported in miligrams per kilogram (mg/kg).
USEPA RSLs are based on the Regional Screening Levels Generic Tables April 2024 Update.
RSLs are based on a 1E-6 target cancer risk and a 0.1 target hazard quotient (THQ).

The following denote the symbol and color of screening level exceedances:

* = At or Above USEPA 2024 Resident Soil RSL
** = At or Above USEPA 2024 Industrial Soil RSLs

SUMMARY OF SOIL ANALYTICAL DATA
ADJACENT DITCH

	Site Areas	U.S. EPA 2024 RESIDENT SOIL RSLs (*)	U.S. EPA 2024 INDUSTRIAL SOIL RSLs (**)	Adjacent Ditch	Adjacent Ditch	Adjacent Ditch	Adjacent Ditch	Adjacent Ditch	Adjacent Ditch	Adjacent Ditch	Adjacent Ditch	Adjacent Ditch	Adjacent Ditch	Adjacent Ditch	Adjacent Ditch	Adjacent Ditch	Adjacent Ditch	Adjacent Ditch	Adjacent Ditch	Adjacent Ditch	Adjacent Ditch	Adjacent Ditch
	Sample Location:			Transect (-290) BKGRND	OUTFALL #1 - S	OUTFALL #2 - N	OUTFALL #3 - N	Transect 0 West Bank		Transect 0 Center	Transect 0 East Bank		Transect 125 West Bank		Transect 125 Center	Transect 125 East Bank			~Transect 190 SS#1	Transect 250 West Bank			
	Sample Depth (feet):			0.0-0.5	2.0-2.5	2.0-2.5	2.0-2.5	0.0-0.5	2.0-2.5	0.0-0.5	0.0-0.5	2.0-2.5	0.0-0.5	2.0-2.5	0.0-0.5	0.0-0.5	2.0-2.5	0.0-0.5	0.0-0.5	2.0-2.5	2.0-2.5 [DUP-4]	4.0-4.5
	Sample Date:			07/24/2024	08/08/2024	08/08/2024	08/08/2024	10/02/2024	10/02/2024	10/02/2024	10/02/2024	10/02/2024	10/02/2024	10/04/2024	10/03/2024	10/02/2024	10/03/2024	07/24/2024	10/03/2024	10/04/2024	10/04/2024	10/04/2024
VOLATILE ORGANIC COMPOUNDS (VOCs) VIA U.S. EPA METHOD 8260																						
Acetone (2-Propanone)		7,000	110,000	NA	NA	NA	NA	<0.031	<0.028	<0.034	<0.033	<0.029	**0.053**	<0.031	**0.068**	<0.034	**0.046**	NA	<0.042	**0.041**	**0.052**	**0.032** J
2-Butanone (MEK)		2,700	19,000	NA	NA	NA	NA	<0.025	<0.023	<0.027	<0.026	<0.023	**0.0059** J	<0.025	<0.029	<0.027	**0.010** J	NA	<0.033	**0.0088** J	**0.012** J	**0.0077** J
Carbon disulfide		77	350	NA	NA	NA	NA	<0.0061	<0.0056	<0.0067	<0.0066	<0.0058	<0.0066	<0.0063	**0.0018** J	<0.0068	<0.0064	NA	<0.0083	<0.0065	<0.0062	<0.0067
Methyl Acetate		7,800	120,000	NA	NA	NA	NA	<0.031	<0.028	**0.011** J	<0.033	<0.029	<0.033	<0.031	<0.036	**0.0049** J	<0.032	NA	<0.042	<0.033	<0.031	<0.033
Tetrachloroethene (PCE)		8.1	39	NA	NA	NA	NA	<0.0061	<0.0056	<0.0067	<0.0066	<0.0058	<0.0066	<0.0063	<0.0073	<0.0068	<0.0064	NA	<0.0083	<0.0065	<0.0062	<0.0067
Toluene		490	4,700	NA	NA	NA	NA	<0.0061	<0.0056	<0.0067	<0.0066	<0.0058	<0.0066	<0.0063	<0.0073	<0.0068	<0.0064	NA	<0.0083	<0.0065	<0.0062	<0.0067
All Other Analyzed VOCs		Varies	Varies	NA	NA	NA	NA	BRL	BRL	BRL	BRL	BRL	BRL	BRL	BRL	BRL	BRL	NA	BRL	BRL	BRL	BRL
SEMIVOLATILE ORGANIC COMPOUNDS (SVOCs) VIA U.S. EPA METHOD 8270																						
Acenaphthene		360	4,500	NA	NA	NA	NA	**0.0420** J	**2.1**	**0.0570**	**0.0720**	<0.049	**0.200**	**0.0610**	**0.170** J	**0.0980**	**0.300**	NA	**0.170**	<0.053	**0.0290** J	<0.052
Acenaphthylene		NE	NE	NA	NA	NA	NA	**0.0580**	<1.2	**0.120**	**0.270**	**0.0680**	**0.0360** J	**0.0250** J	**0.130** J	**0.0830**	**0.0410** J	NA	**0.110**	<0.053	<0.051	<0.052
Acetophenone		780	12,000	NA	NA	NA	NA	<0.130	<2.9	<0.130	<0.150	<0.120	<0.150	<0.130	<0.620	<0.140	<0.130	NA	<0.170	<0.130	<0.130	<0.130
Anthracene		1,800	23,000	NA	NA	NA	NA	**0.130**	**2.1**	**0.230**	**0.260**	**0.0520**	**0.480**	**0.170**	**0.490**	**0.280**	**0.630**	NA	**0.510**	**0.0210** J	**0.0760**	**0.0530**
Benzaldehyde		170	820	NA	NA	NA	NA	<0.410	<9.7	<0.450	**0.120** J	<0.400	<0.480	<0.410	<2.1	<0.470	<0.430	NA	<0.560	<0.440	<0.420	<0.430
Benzo(a)anthracene		1.1	21	NA	NA	NA	NA	**0.720**	**11** *	**1.3** *	**1.2** *	**0.240**	**1.4** *	**0.420**	**1.9** *	**1.2** *	**1.3** *	NA	**2.4** *	**0.0750**	**0.150**	**0.120**
Benzo(a)pyrene		0.11	2.1	NA	NA	NA	NA	**0.970** *	**12** **	**1.5** *	**1.3** *	**0.310** *	**1.4** *	**0.430** *	**2.0** *	**1.3** *	**1.3** *	NA	**3.3** **	**0.0690**	**0.130** *	**0.120** *
Benzo(b)fluoranthene		1.1	21	NA	NA	NA	NA	**1.5** *	**23** **	**3.0** *	**2.0** *	**0.530**	**2.3** *	**0.580**	**4.2** *	**2.1** *	**1.8** *	NA	**5.6** *	**0.120**	**0.210**	**0.190**
Benzo(g,h,i)perylene		NE	NE	NA	NA	NA	NA	**0.810**	**4.6**	**1.6**	**1.0**	**0.280**	**1.0**	**0.270**	**1.2**	**1.1**	**0.800**	NA	**2.2**	**0.0660**	**0.120**	**0.110**
Benzo(k)fluoranthene		11	210	NA	NA	NA	NA	**0.510**	**7.7**	**0.940**	**0.830**	**0.170**	**0.760**	**0.230**	**1.1**	**0.740**	**0.640**	NA	**2.2**	**0.0480** J	**0.0690**	**0.0610**
1,1'-Biphenyl		4.7	20	NA	NA	NA	NA	<0.130	<2.9	<0.130	**0.0420** J	<0.120	<0.150	<0.130	<0.620	<0.140	<0.130	NA	<0.170	<0.130	<0.130	<0.130
Butylbenzylphthalate		290	1,200	NA	NA	NA	NA	<0.190	<4.4	<0.200	<0.220	<0.180	<0.220	<0.190	<0.930	<0.210	<0.190	NA	**0.1000** J	<0.200	<0.190	<0.190
Carbazole		NE	NE	NA	NA	NA	NA	**0.150**	**4.1**	**0.200**	**0.170**	**0.0340** J	**0.430**	**0.0930** J	**0.410** J	**0.270**	**0.360**	NA	**0.580**	<0.130	**0.0440** J	<0.130
Chrysene		110	2,100	NA	NA	NA	NA	**1.0**	**16**	**2.0**	**1.4**	**0.320**	**1.7**	**0.460**	**2.6**	**1.5**	**1.5**	NA	**3.9**	**0.0860**	**0.160**	**0.140**
Dibenz(a,h)anthracene		0.11	2.1	NA	NA	NA	NA	**0.140** *	**1.4** *	**0.260** *	**0.210** *	**0.0590**	**0.200** *	**0.0810**	**0.310** *	**0.240** *	**0.190** *	NA	**0.420** *	<0.053	<0.051	<0.052
Dibenzofuran		7.8	120	NA	NA	NA	NA	**0.0430** J	**1.2** J	**0.0700** J	**0.150**	**0.0460** J	**0.120** J	**0.0380** J	**0.190** J	**0.0900** J	**0.210**	NA	**0.140** J	<0.130	<0.130	<0.130
Diethylphthalate		5,100	66,000	NA	NA	NA	NA	<0.190	<4.4	<0.200	<0.220	<0.180	<0.220	<0.190	<0.930	<0.210	**0.130** J	NA	<0.250	<0.200	<0.190	<0.190
bis(2-Ethylhexyl)phthalate		39	160	NA	NA	NA	NA	**0.0770** J	<4.4	<0.200	<0.220	<0.180	**0.1000** J	<0.190	<0.930	**0.130** J	**0.330**	NA	**0.280**	<0.200	<0.190	<0.190
Fluoranthene		240	3,000	NA	NA	NA	NA	**1.9**	**44**	**3.5**	**2.6**	**0.470**	**3.8**	**0.970**	**4.9**	**3.1**	**3.2**	NA	**7.5**	**0.160**	**0.400**	**0.300**
Fluorene		240	3,000	NA	NA	NA	NA	**0.0390** J	**2.0**	**0.0490** J	**0.0700**	<0.049	**0.170**	**0.0600**	**0.180** J	**0.0890**	**0.310**	NA	**0.170**	<0.053	**0.0340** J	**0.0210** J
Indeno(1,2,3-cd)pyrene		1.1	21	NA	NA	NA	NA	**0.610**	**4.4** *	**1.2** *	**0.800**	**0.210**	**0.780**	**0.220**	**1.1** *	**0.850**	**0.690**	NA	**1.8** *	**0.0530**	**0.0980**	**0.0810**
Isophorone		570	2,400	NA	NA	NA	NA	<0.130	<2.9	<0.130	<0.150	<0.120	<0.150	<0.130	<0.620	<0.140	<0.130	NA	<0.170	<0.130	<0.130	<0.130
2-Methylnaphthalene		24	300	NA	NA	NA	NA	**0.0930**	**0.600** J	**0.190**	**0.370**	**0.140**	**0.170**	**0.0430** J	**0.580**	**0.180**	**0.140**	NA	**0.180**	**0.0220** J	<0.051	**0.0280** J
3&4-Methylphenol (m&p-cresol)		NE	NE	NA	NA	NA	NA	<0.500	<12.0	<0.540	<0.580	<0.490	**0.0710** J	**0.400** J	<2.5	**0.120** J	<0.520	NA	<0.680	<0.530	<0.510	<0.520
Naphthalene		2.0	8.6	NA	NA	NA	NA	**0.0710**	<1.2	**0.140**	**0.260**	**0.110**	**0.150**	**0.0510**	**0.490**	**0.150**	**0.160**	NA	**0.160**	<0.053	<0.051	**0.0240** J
Phenanthrene		NE	NE	NA	NA	NA	NA	**0.750**	**28**	**1.2**	**1.0**	**0.180**	**2.1**	**0.540**	**2.3**	**1.4**	**2.4**	NA	**2.9**	**0.0870**	**0.260**	**0.220**
Phenol		1,900	25,000	NA	NA	NA	NA	<0.130	<2.9	<0.130	<0.150	<0.120	**0.0670** J	**0.0580** J	<0.620	**0.0560** J	<0.130	NA	<0.170	<0.130	<0.130	<0.130
Pyrene		180	2,300	NA	NA	NA	NA	**1.5**	**31**	**2.8**	**2.1**	**0.410**	**2.9**	**0.770**	**3.8**	**2.4**	**2.5**	NA	**5.7**	**0.140**	**0.290**	**0.270**
All Other Analyzed SVOCs		Varies	Varies	NA	NA	NA	NA	BRL	BRL	BRL	BRL	BRL	BRL	BRL	BRL	BRL	BRL	NA	BRL	BRL	BRL	BRL
ELEMENTS VIA U.S. EPA METHODS 6010/7471																						
Arsenic		0.68	3.0	**13** **	**24** **	**12** **	**17** **	**11** **	**15** **	**13** **	**16** **	**15** **	**11** **	**9.4** **	**12** **	**32** **	**12** **	**10.0** **	**13** **	**16** **	**16** **	**12** **
Barium		1,500	22,000	NA	NA	NA	NA	**93**	**75**	**100**	**85**	**52**	**130**	**100**	**160**	**120**	**84**	NA	**150**	**96**	**72**	**73**
Cadmium		0.71	10.0	**0.600**	**0.810** *	**0.630**	**0.450**	**0.420** J	**0.400** J	**0.460** J	**0.410** J	**0.190** J	**0.620**	**1.9** *	**0.670** J	**1.0** J *	**1.2** *	**0.920** *	**0.920** *	**0.210** J	**0.0830** J	**0.350** J
Chromium (Hexavalent)		0.30	6.3	NA	NA	NA	NA	<0.880 E	<0.170	<0.180	<1.0 E	**0.190** J	<1.0 E	<0.170	<2.1 E	<0.970 E	<0.180	NA	<2.4 E	<0.190	<0.180	<0.180
Chromium (Total)		NE	NE	**41**	**19**	**25**	**17**	**94**	**31**	**53**	**24**	**15**	**31**	**22**	**42**	**340**	**22**	**95**	**68**	**23**	**19**	**24**
Copper		310	4,700	**67**	**34**	**19**	**21**	**35**	**30**	**39**	**30**	**23**	**28**	**20**	**4.7**	**800** *	**22**	**4.6**	**31**	**8.3**	**20**	**60**
Lead		200	800	**69**	**48**	**93**	**26**	**27**	**33**	**26**	**39**	**14**	**39**	**63**	**46**	**71**	**44**	**47**	**62**	**24**	**17**	**32**
Mercury		1.1	4.6	**0.120**	**0.140**	**0.130**	**0.120**	**0.0360** J	**0.0400** J	**0.0320** J	**0.0460** J	**0.0210** J	**0.0440** J	**0.0300** J	**0.0720** J	**0.0400** J	**0.0290** J	**0.220**	**0.0670** J	**0.0300** J	**0.0700** J	**0.0410** J
Selenium		39	580	NA	NA	NA	NA	**1.0** J	**0.810** J	**1.2** J	**0.830** J	<2.2	**0.800** J	**1.1** J	<2.8	**1.6** J	**0.910** J	NA	**2.1** J	**0.780** J	<1.9	**1.2** J
Silver		39	580	**1.0**	**1.6**	**1.1**	**0.890**	**0.270** J	<1.0	**0.250** J	<1.3	<1.1	**0.220** J	**2.4**	**0.240** J	**1.1** J	**1.4**	**1.8**	**0.300** J	<0.970	<0.970	<1.2
Zinc		2,300	35,000	**160**	**220**	**1,300**	**230**	**150**	**190**	**120**	**140**	**75**	**3,100** *	**510**	**6,700** *	**5,200** *	**850**	**20,000** *	**3,100** *	**2,400** *	**170**	**370**
POLYCHLORINATED BIPHENYLS (PCBs) VIA U.S. EPA METHOD 8082																						
Total PCBs (polychlorinated biphenyls)		0.23	0.94	NA	NA	NA	NA	**0.0260**	**0.0330**	**0.0450**	<0.071	**0.120**	**0.0700**	**0.0800**	**0.160**	**0.0710**	<0.064	NA	**0.0730**	**0.0610**	**0.0480**	**0.170**
Aroclor 1242		0.23	0.95	NA	NA	NA	NA	**0.0260** J	**0.0330** J	**0.0450** J	<0.071	<0.059	**0.0370** J	<0.065	**0.120**	**0.0370** J	<0.064	NA	<0.086	<0.064	<0.065	<0.067
Aroclor 1248		0.23	0.94	NA	NA	NA	NA	<0.063	<0.059	<0.067	<0.071	**0.120**	<0.070	**0.0800**	<0.075	<0.068	<0.064	NA	**0.0730** J	**0.0610** J	**0.0480** J	**0.170**
Aroclor 1254		0.12	0.97	NA	NA	NA	NA	<0.063	<0.059	<0.067	<0.071	<0.059	**0.0330** J	<0.065	**0.0400** J	**0.0340** J	<0.064	NA	<0.086	<0.064	<0.065	<0.067
Aroclor 1260		0.24	0.99	NA	NA	NA	NA	<0.063	<0.059	<0.067	<0.071	<0.059	<0.070	<0.065	<0.075	<0.068	<0.064	NA	<0.086	<0.064	<0.065	<0.067
All Other Analyzed PCBs		Varies	Varies	NA	NA	NA	NA	BRL	BRL	BRL	BRL	BRL	BRL	BRL	BRL	BRL	BRL	NA	BRL	BRL	BRL	BRL
WET CHEMISTRIES VIA U.S. EPA METHOD 9045/9012																						
Corrosivity (pH)		NE	NE	**8.3**	**7.2**	**10.6**	**9.6**	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	**11.7**	NA	NA	NA	NA
Free Cyanide (Leachate - mg/L)		0.20	NE	NA	NA	NA	NA	<0.0060	<0.0060	<0.0060	**0.0058** J	<0.0060	**0.0110**	**0.0073**	**0.0290**	**0.0340**	**0.0072**	NA	<0.0060	**0.0075**	**0.0085**	<0.0060
Estimated Free Cyanide in Soil (Leachate x 20 - mg/kg)		2.3	15	NA	NA	NA	NA	ND	ND	ND	**0.116** J	ND	**0.220**	**0.146**	**0.580**	**0.680**	**0.144**	NA	ND	**0.150**	**0.170**	ND
Total Cyanide		2.3	15	**3.8** *	**1.2**	**220** **	**38** **	**2.0**	<30.0 E	**2.3** *	**1.5**	<0.630	**610** **	**63** **	**780** **	**240** **	**14** *	**3,700** **	**1,300** **	**34** **	**45** **	**32** J **

Abbreviations & Notes

NE = Not Established; RSLs = Regional Screening Levels
J = Reported value is estimated
USEPA = United States Environmental Protection Agency; SSLs = Soil Screening Levels
All results and USEPA Screening Levels are reported in miligrams per kilogram (mg/kg).
USEPA RSLs are based on the Regional Screening Levels Generic Tables April 2024 Update.
RSLs are based on a 1E-6 target cancer risk and a 0.1 target hazard quotient (THQ).

The following denote the symbol and color of screening level exceedances:

* = At or Above USEPA 2024 Resident Soil RSL
** = At or Above USEPA 2024 Industrial Soil RSLs

SUMMARY OF SOIL ANALYTICAL DATA
ADJACENT DITCH

Site Areas	U.S. EPA 2024 RESIDENT SOIL RSLs (*)	U.S. EPA 2024 INDUSTRIAL SOIL RSLs (**)	Adjacent Ditch	Adjacent Ditch	Adjacent Ditch	Adjacent Ditch	Adjacent Ditch	Adjacent Ditch	Adjacent Ditch	Adjacent Ditch	Adjacent Ditch	Adjacent Ditch	Adjacent Ditch	Adjacent Ditch	Adjacent Ditch	Adjacent Ditch	Adjacent Ditch	Adjacent Ditch	Adjacent Ditch	Adjacent Ditch	Adjacent Ditch
Sample Location:			Transect 250 Center		Transect 250 East Bank		Transect 375 SS#2	Transect 375 SS#2 - N	Transect 375 West Bank			Transect 375 East Bank			Transect 500 West Bank			Transect 500 East Bank	Transect 625 West Bank		Transect 625 Center
Sample Depth (feet):			0.0-0.5	0.0-0.5 [DUP-1]	0.0-0.5	2.0-2.5	0.0-0.5	2.0-2.5	0.0-0.5	2.0-2.5	4.0-4.5	0.0-0.5	2.0-2.5	4.0-4.5	0.0-0.5	2.0-2.5	4.0-4.5	0.0-0.5	0.0-0.5	2.0-2.5	0.0-0.5
Sample Date:			10/03/2024	10/03/2024	10/03/2024	10/04/2024	07/24/2024	08/08/2024	10/03/2024	10/04/2024	10/04/2024	10/03/2024	10/04/2024	10/04/2024	10/03/2024	10/05/2024	10/05/2024	10/03/2024	10/03/2024	10/05/2024	10/03/2024
VOLATILE ORGANIC COMPOUNDS (VOCs) VIA U.S. EPA METHOD 8260																					
Acetone (2-Propanone)	7,000	110,000	0.031 J	<0.030	<0.034	0.0330	NA	NA	<0.040	0.0310	0.0410	<0.043	0.0360	0.0670	<0.035	0.0500	0.0580	<0.037	<0.035	0.0350	<0.035
2-Butanone (MEK)	2,700	19,000	<0.030	<0.024	<0.027	0.0067 J	NA	NA	<0.032	0.0058 J	0.0098 J	<0.034	0.0067 J	0.0120 J	<0.028	0.0110 J	0.0081 J	<0.030	0.0080 J	0.0057 J	<0.028
Carbon disulfide	77	350	<0.0074	<0.0060	<0.0069	<0.0065	NA	NA	<0.0081	<0.0062	<0.0064	<0.0085	<0.0061	<0.0066	<0.0071	<0.0065	<0.0063	<0.0074	<0.0070	<0.0058	<0.0069
Methyl Acetate	7,800	120,000	<0.037	<0.030	<0.034	<0.032	NA	NA	<0.040	<0.031	<0.032	<0.043	<0.030	<0.033	<0.035	<0.032	<0.031	<0.037	<0.035	<0.029	<0.035
Tetrachloroethene (PCE)	8.1	39	<0.0074	<0.0060	<0.0069	<0.0065	NA	NA	<0.0081	<0.0062	<0.0064	<0.0085	<0.0061	<0.0066	<0.0071	<0.0065	<0.0063	0.0074	<0.0070	<0.0058	<0.0069
Toluene	490	4,700	0.0031 J	<0.0060	<0.0069	<0.0065	NA	NA	<0.0081	<0.0062	<0.0064	<0.0085	<0.0061	<0.0066	<0.0071	<0.0065	<0.0063	<0.0074	<0.0070	<0.0058	<0.0069
All Other Analyzed VOCs	Varies	Varies	BRL	BRL	BRL	BRL	NA	NA	BRL	BRL	BRL	BRL	BRL	BRL	BRL	BRL	BRL	BRL	BRL	BRL	BRL
SEMIVOLATILE ORGANIC COMPOUNDS (SVOCs) VIA U.S. EPA METHOD 8270																					
Acenaphthene	360	4,500	0.170	0.0760 J	0.130 J	<0.051	NA	NA	0.130	0.0280 J	<0.052	0.140	0.0340 J	0.110	0.0300 J	<0.052	<0.051	0.0720 J	0.0350 J	<0.046	<0.140
Acenaphthylene	NE	NE	0.130	0.0730 J	0.1000 J	<0.051	NA	NA	0.130	<0.051	<0.052	0.150	<0.052	<0.056	0.0400 J	<0.052	<0.051	0.120	0.0400 J	<0.046	<0.140
Acetophenone	780	12,000	<0.160	0.0660 J	<0.550	<0.130	NA	NA	<0.330	<0.130	<0.130	0.0600 J	<0.130	<0.140	<0.150	<0.130	<0.130	<0.290	<0.150	<0.120	<0.350
Anthracene	1,800	23,000	0.460	0.230	0.370	0.0450 J	NA	NA	0.390	0.0780	0.0200 J	0.490	0.0740	0.230	0.0830	<0.052	<0.051	0.270	0.110	0.0180 J	<0.140
Benzaldehyde	170	820	0.230 J	0.150 J	<1.8	<0.420	NA	NA	<1.1	<0.420	<0.430	0.1000 J	<0.430	<0.460	<0.490	<0.430	<0.420	<0.960	0.0880 J	<0.380	<1.2
Benzo(a)anthracene	1.1	21	2.2 *	1.2 *	1.6 *	0.170	NA	NA	2.1 *	0.150	0.0590	2.3 *	0.140	0.400	0.470	<0.052	0.0460 J	1.5 *	0.510	0.0810	<0.140
Benzo(a)pyrene	0.11	2.1	3.2 **	1.8 *	2.0 *	0.180 *	NA	NA	3.2 **	0.150 *	0.0630	3.3 **	0.140 *	0.310 *	0.640 *	<0.052	0.0580	2.2 **	0.790 *	0.0830	0.0600 J
Benzo(b)fluoranthene	1.1	21	5.3 *	3.3 *	4.0 *	0.350	NA	NA	6.6 *	0.220	0.0990	4.9 *	0.220	0.440	1.4 *	<0.052	0.110	4.3 *	1.6 *	0.160	0.120 J
Benzo(g,h,i)perylene	NE	NE	1.8	1.1	0.980	0.170	NA	NA	2.0	0.140	0.0780	2.3	0.140	0.240	0.370	<0.052	0.0650	1.4	0.520	0.0890	<0.140
Benzo(k)fluoranthene	11	210	2.3	1.1	1.3	0.0880	NA	NA	1.8	0.0970	0.0280 J	2.0	0.0790	0.190	0.440	<0.052	0.0250 J	1.1	0.550	0.0390 J	<0.140
1,1'-Biphenyl	4.7	20	0.140 J	<0.260	<0.550	<0.130	NA	NA	<0.330	<0.130	<0.130	<0.170	<0.130	<0.140	<0.150	<0.130	<0.130	<0.290	<0.150	<0.120	<0.350
Butylbenzylphthalate	290	1,200	<0.240	<0.390	<0.820	<0.190	NA	NA	<0.500	<0.190	<0.200	<0.250	<0.200	<0.210	<0.220	<0.190	<0.190	<0.440	<0.220	<0.170	<0.530
Carbazole	NE	NE	0.510	0.230 J	0.320 J	0.0370 J	NA	NA	0.510	0.0560 J	<0.130	0.520	0.0530 J	0.180	0.110 J	<0.130	<0.130	0.300	0.150	<0.120	<0.350
Chrysene	110	2,100	3.7	1.9	2.2	0.220	NA	NA	3.7	0.170	0.0770	3.7	0.180	0.440	0.780	<0.052	0.0660	2.3	0.940	0.110	<0.140
Dibenz(a,h)anthracene	0.11	2.1	0.410 *	0.250 *	0.260 *	<0.051	NA	NA	0.420 *	<0.051	<0.052	0.450 *	0.0320 J	0.0670	0.110 *	<0.052	<0.051	0.330 *	0.110 *	0.0300 J	<0.140 E
Dibenzofuran	7.8	120	0.390	<0.260	<0.550	<0.130	NA	NA	0.1000 J	<0.130	<0.130	0.120 J	<0.130	0.0860 J	<0.150	<0.130	<0.130	<0.290	0.0430 J	<0.120	<0.350
Diethylphthalate	5,100	66,000	<0.240	<0.390	<0.820	<0.190	NA	NA	<0.500	<0.190	<0.200	<0.250	<0.200	<0.210	<0.220	<0.190	<0.190	<0.440	<0.220	<0.170	<0.530
bis(2-Ethylhexyl)phthalate	39	160	0.430	0.180 J	0.400 J	<0.190	NA	NA	0.230 J	<0.190	<0.200	0.170 J	<0.200	<0.210	0.0970 J	<0.190	<0.190	0.320 J	<0.220	<0.170	<0.530
Fluoranthene	240	3,000	6.5	3.5	4.1	0.390	NA	NA	6.6	0.400	0.140	6.4	0.400	1.2	1.4	<0.052	0.110	4.0	1.7	0.170	0.130 J
Fluorene	240	3,000	0.170	0.0780 J	0.130 J	0.0180 J	NA	NA	0.130	0.0330 J	<0.052	0.150	0.0390 J	0.0990	0.0270 J	<0.052	<0.051	0.0780 J	0.0390 J	<0.046	<0.140
Indeno(1,2,3-cd)pyrene	1.1	21	1.6 *	0.980	0.800	0.130	NA	NA	1.7 *	0.110	0.0540	1.9 *	0.0970	0.210	0.350	<0.052	0.0510	1.2 *	0.470	0.0640	<0.140
Isophorone	570	2,400	<0.160	<0.260	<0.550	<0.130	NA	NA	<0.330	<0.130	<0.130	0.130 J	<0.130	<0.140	<0.150	<0.130	<0.130	<0.290	<0.150	<0.120	<0.350
2-Methylnaphthalene	24	300	1.6	0.130	0.200 J	0.0400 J	NA	NA	0.180	0.0260 J	0.0330 J	0.170	0.0230 J	0.0370 J	0.0570 J	<0.052	<0.051	0.130	0.0810	0.0460	0.140
3&4-Methylphenol (m&p-cresol)	NE	NE	0.220 J	<1.0	<2.2	<0.510	NA	NA	<1.3	<0.510	<0.520	<0.670	<0.520	<0.560	0.0840 J	<0.520	<0.510	<1.2	0.110 J	<0.460	0.140 J
Naphthalene	2.0	8.6	0.980	0.120	0.170 J	0.0330 J	NA	NA	0.140	0.0210 J	0.0320 J	0.160	0.0230 J	0.0540 J	0.0530 J	<0.052	<0.051	0.120	0.0740	0.0340 J	0.110 J
Phenanthrene	NE	NE	3.1	1.3	1.8	0.180	NA	NA	2.3	0.260	0.0860	2.7	0.290	1.0	0.500	<0.052	0.0400 J	1.4	0.630	0.0960	0.140
Phenol	1,900	25,000	0.110 J	<0.260	<0.550	<0.130	NA	NA	<0.330	<0.130	<0.130	<0.170	<0.130	<0.140	<0.150	<0.130	<0.130	<0.290	<0.150	<0.120	<0.350
Pyrene	180	2,300	5.2	2.7	3.2	0.320	NA	NA	5.3	0.290	0.120	5.5	0.290	0.810	1.1	<0.052	0.0850	3.2	1.3	0.140	0.0900 J
All Other Analyzed SVOCs	Varies	Varies	BRL	BRL	BRL	BRL	NA	NA	BRL	BRL	BRL	BRL	BRL	BRL	BRL	BRL	BRL	BRL	BRL	BRL	BRL
ELEMENTS VIA U.S. EPA METHODS 6010/7471																					
Arsenic	0.68	3.0	9.4 **	11 **	13 **	12 **	11 **	9.8 **	12 **	12 **	14 **	14 **	15 **	14 **	14 **	13 **	11 **	11 **	14 **	17 **	15 **
Barium	1,500	22,000	82	92	110	73	NA	NA	150	70	110	160	66	59	110	75	62	150	96	44	100
Cadmium	0.71	10.0	0.570	0.530	0.500 J	0.250 J	0.650	0.580	0.750 J *	0.140 J	0.410 J	0.790 J *	0.210 J	0.120 J	0.600	0.140 J	<0.630	0.900 *	0.530 J	<0.550	0.280 J
Chromium (Hexavalent)	0.30	6.3	<2.2 E	<1.8 E	<1.9 E	<0.180	NA	NA	<2.4 E	<0.190	<0.180	<1.3 E	0.280 J	<0.200	<2.2 E	<0.180	<0.180	<2.2 E	<2.1 E	<0.160	<1.9 E
Chromium (Total)	NE	NE	28	32	28	20	20	17	93	17	23	98	21	18	33	16	16	64	32	14	18
Copper	310	4,700	2.5 J	4.4	4.2	22	3.2	19	12	16	20	11	25	20	17	11	17	27	11	21	3.7
Lead	200	800	42	48	35	24	25	18	57	18	31	62	23	21	44	19	12	54	40	12	30
Mercury	1.1	4.6	0.0640 J	0.0420 J	0.0770 J	0.0240 J	0.150	0.130	0.0810 J	0.0530 J	0.0550 J	0.0770 J	0.0510 J	0.0600 J	0.0780 J	0.0760 J	0.0700 J	0.0830 J	0.0680 J	0.0610 J	0.0370 J
Selenium	39	580	0.720 J	0.540 J	0.730 J	0.810 J	NA	NA	2.0 J	<2.0	0.790 J	2.3 J	0.520 J	0.580 J	0.980 J	0.560 J	<2.5	1.1 J	0.800 J	<2.2	<2.6
Silver	39	580	0.240 J	0.1000 J	0.1000 J	<1.1	1.3	1.2	0.220 J	<1.0	<1.0	0.330 J	<0.980	<1.2	<1.1	<0.960	<1.3	0.300 J	0.110 J	<1.1	0.110 J
Zinc	2,300	35,000	5,800 *	3,500 *	4,400 *	430	19,000 *	140	8,200 *	310	630	10,000 *	460	330	2,600 *	600	130	3,400 *	3,700 *	68	12,000 *
POLYCHLORINATED BIPHENYLS (PCBs) VIA U.S. EPA METHOD 8082																					
Total PCBs (polychlorinated biphenyls)	0.23	0.94	0.0860	0.0530	0.0870	0.0800	NA	NA	0.0390	0.0540	0.1000	0.0670	0.0560	0.0530	<0.073	<0.065	<0.061	0.0370	<0.075	0.0300	<0.072
Aroclor 1242	0.23	0.95	0.0380 J	<0.063	<0.068	<0.065	NA	NA	<0.083	<0.066	<0.066	<0.084	<0.064	<0.068	<0.073	<0.065	<0.061	<0.075	<0.075	<0.059	<0.072
Aroclor 1248	0.23	0.94	<0.081	0.0530 J	0.0570 J	0.0800	NA	NA	<0.083	0.0540 J	0.1000	0.0670 J	0.0560 J	0.0530 J	<0.073	<0.065	<0.061	<0.075	<0.075	<0.059	<0.072
Aroclor 1254	0.12	0.97	0.0480 J	<0.063	<0.068	<0.065	NA	NA	0.0390 J	<0.066	<0.066	<0.084	<0.064	<0.068	<0.073	<0.065	<0.061	0.0370 J	<0.075	<0.059	<0.072
Aroclor 1260	0.24	0.99	<0.081	<0.063	0.0300 J	<0.065	NA	NA	<0.083	<0.066	<0.066	<0.084	<0.064	<0.068	<0.073	<0.065	<0.061	<0.075	<0.075	0.0300 J	<0.072
All Other Analyzed PCBs	Varies	Varies	BRL	BRL	BRL	BRL	NA	NA	BRL	BRL	BRL	BRL	BRL	BRL	BRL	BRL	BRL	BRL	BRL	BRL	BRL
WET CHEMISTRIES VIA U.S. EPA METHOD 9045/9012																					
Corrosivity (pH)	NE	NE	NA	NA	NA	NA	11.3	8.7	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Free Cyanide (Leachate - mg/L)	0.20	NE	0.0290	0.0270	0.0080	0.0150	NA	NA	<0.0060	0.0094	0.0095	<0.0060	0.0200	0.0091	<0.0060	<0.0060	0.0059 J	<0.0060	<0.0060	<0.0060	0.0130
Estimated Free Cyanide in Soil (Leachate x 20 - mg/kg)	2.3	15	0.580	0.540	0.160	0.300	NA	NA	ND	0.188	0.190	ND	0.400	0.182	ND	ND	0.118 J	ND	ND	ND	0.260
Total Cyanide	2.3	15	710 **	530 **	1,400 **	240 **	2,500 **	14 *	1,300 **	49 **	<38.0 E	1,200 **	<32.0 E	<36.0 E	540 **	2.8 *	14 *	370 **	740 **	78 **	160 **

Abbreviations & Notes

NE = Not Established; RSLs = Regional Screening Levels
J = Reported value is estimated
USEPA = United States Environmental Protection Agency; SSLs = Soil Screening Levels
All results and USEPA Screening Levels are reported in miligrams per kilogram (mg/kg).
USEPA RSLs are based on the Regional Screening Levels Generic Tables April 2024 Update.
RSLs are based on a 1E-6 target cancer risk and a 0.1 target hazard quotient (THQ).

The following denote the symbol and color of screening level exceedances:

* = At or Above USEPA 2024 Resident Soil RSL
** = At or Above USEPA 2024 Industrial Soil RSLs

SUMMARY OF SOIL ANALYTICAL DATA
ADJACENT DITCH

August Mack Environmental	Site Areas	U.S. EPA 2024 RESIDENT SOIL RSLs (*)	U.S. EPA 2024 INDUSTRIAL SOIL RSLs (**)	Adjacent Ditch	Adjacent Ditch	Adjacent Ditch	Adjacent Ditch	Adjacent Ditch	Adjacent Ditch	Adjacent Ditch	Adjacent Ditch	Adjacent Ditch	Adjacent Ditch	Adjacent Ditch	Adjacent Ditch	Adjacent Ditch	Adjacent Ditch	Adjacent Ditch	Adjacent Ditch	Adjacent Ditch	Adjacent Ditch
	Sample Location:			Transect 625 Center			Transect 625 East Bank			~Transect 670 SS#3	~Transect 670 SS#3-N	Transect 750 West Bank				Transect 750 East Bank			Transect 875 SS#4	Transect 875 SS#4 - N	Transect 875 West Bank	
	Sample Depth (feet):			2.0-2.5	2.0-2.5 [DUP-5]	4.0-4.5	0.0-0.5	2.0-2.5	4.0-4.5	0.0-0.5	2.0-2.5	0.0-0.5	0.0-0.5 [DUP-2]	2.0-2.5	2.0-2.5 [DUP-6]	0.0-0.5	2.0-2.5	4.0-4.5	0.0-0.5	2.0-2.5	0.0-0.5	2.0-2.5
	Sample Date:			10/05/2024	10/05/2024	10/05/2024	10/03/2024	10/05/2024	10/05/2024	07/24/2024	08/08/2024	10/03/2024	10/03/2024	10/05/2024	10/05/2024	10/03/2024	10/05/2024	10/05/2024	07/24/2024	08/08/2024	10/03/2024	10/05/2024
VOLATILE ORGANIC COMPOUNDS (VOCs) VIA U.S. EPA METHOD 8260																						
Acetone (2-Propanone)		7,000	110,000	<0.031	<0.029	<0.030	<0.034	<0.031	**0.0330**	NA	NA	<0.036	<0.035	<0.029	<0.030	<0.038	**0.0450**	**0.0310** J	NA	NA	<0.034	<0.028
2-Butanone (MEK)		2,700	19,000	<0.025	<0.023	<0.024	<0.027	<0.025	**0.0069** J	NA	NA	<0.028	<0.028	<0.023	<0.024	<0.030	**0.0110** J	**0.0072** J	NA	NA	<0.027	<0.023
Carbon disulfide		77	350	<0.0062	<0.0058	<0.0060	<0.0067	<0.0063	<0.0062	NA	NA	<0.0071	<0.0069	<0.0058	<0.0060	<0.0076	<0.0062	<0.0064	NA	NA	<0.0068	<0.0057
Methyl Acetate		7,800	120,000	<0.031	<0.029	<0.030	<0.034	<0.031	<0.031	NA	NA	<0.036	<0.035	<0.029	<0.030	<0.038	<0.031	<0.032	NA	NA	<0.034	<0.028
Tetrachloroethene (PCE)		8.1	39	<0.0062	<0.0058	<0.0060	<0.0067	<0.0063	<0.0062	NA	NA	<0.0071	<0.0069	<0.0058	<0.0060	<0.0076	<0.0062	<0.0064	NA	NA	<0.0068	<0.0057
Toluene		490	4,700	<0.0062	<0.0058	<0.0060	<0.0067	<0.0063	<0.0062	NA	NA	<0.0071	<0.0069	<0.0058	<0.0060	<0.0076	<0.0062	<0.0064	NA	NA	<0.0068	<0.0057
All Other Analyzed VOCs		Varies	Varies	BRL	BRL	BRL	BRL	BRL	BRL	NA	NA	BRL	BRL	BRL	BRL	BRL	BRL	BRL	NA	NA	BRL	BRL
SEMIVOLATILE ORGANIC COMPOUNDS (SVOCs) VIA U.S. EPA METHOD 8270																						
Acenaphthene		360	4,500	<0.050	<0.046	<0.048	<0.055	<0.051	<0.049	NA	NA	**0.0340** J	**0.0370** J	<0.047	<0.048	**0.0230** J	**0.0410** J	<0.051	NA	NA	**0.0230** J	<0.045
Acenaphthylene		NE	NE	<0.050	<0.046	<0.048	<0.055	<0.051	<0.049	NA	NA	<0.057	**0.0550** J	<0.047	<0.048	<0.065	<0.050	<0.051	NA	NA	**0.0270** J	<0.045
Acetophenone		780	12,000	<0.130	<0.120	<0.120	<0.140	<0.130	<0.120	NA	NA	<0.140	<0.140	<0.120	<0.120	<0.160	<0.120	<0.130	NA	NA	<0.140	<0.110
Anthracene		1,800	23,000	<0.050	<0.046	<0.048	**0.0390** J	<0.051	<0.049	NA	NA	**0.120**	**0.110**	<0.047	<0.048	**0.0580** J	**0.0600**	**0.0170** J	NA	NA	**0.0520** J	<0.045
Benzaldehyde		170	820	<0.410	<0.380	<0.400	<0.460	<0.420	<0.400	NA	NA	<0.470	<0.470	<0.390	<0.400	<0.540	<0.410	<0.420	NA	NA	<0.460	<0.370
Benzo(a)anthracene		1.1	21	<0.050	**0.0210** J	<0.048	**0.210**	**0.0390** J	**0.0180** J	NA	NA	**0.660**	**0.630**	<0.047	<0.048	**0.290**	**0.0350** J	**0.0610**	NA	NA	**0.270**	<0.045
Benzo(a)pyrene		0.11	2.1	<0.050	**0.0180** J	**0.0190** J	**0.260** *	**0.0330** J	**0.0190** J	NA	NA	**0.940** *	**0.920** *	<0.047	<0.048	**0.400** *	**0.0310** J	**0.0460** J	NA	NA	**0.350** *	<0.045
Benzo(b)fluoranthene		1.1	21	<0.050	**0.0450** J	**0.0270** J	**0.470**	**0.0600**	**0.0300** J	NA	NA	**1.9** *	**1.9** *	<0.047	**0.0170** J	**0.760**	**0.0500**	**0.0840**	NA	NA	**0.660**	**0.0130** J
Benzo(g,h,i)perylene		NE	NE	<0.050	<0.046	<0.048	**0.240**	**0.0350** J	<0.049	NA	NA	**0.610**	**0.590**	<0.047	<0.048	**0.230**	<0.050	**0.0470** J	NA	NA	**0.300**	<0.045
Benzo(k)fluoranthene		11	210	<0.050	**0.0190** J	**0.0160** J	**0.160**	**0.0230** J	**0.0140** J	NA	NA	**0.650**	**0.490**	<0.047	<0.048	**0.210**	**0.0160** J	**0.0350** J	NA	NA	**0.210**	<0.045
1,1'-Biphenyl		4.7	20	<0.130	<0.120	<0.120	<0.140	<0.130	<0.120	NA	NA	<0.140	<0.140	<0.120	<0.120	<0.160	<0.120	<0.130	NA	NA	<0.140	<0.110
Butylbenzylphthalate		290	1,200	<0.190	<0.170	<0.180	<0.210	<0.190	<0.180	NA	NA	<0.220	<0.210	<0.180	<0.180	<0.240	<0.190	<0.190	NA	NA	<0.210	<0.170
Carbazole		NE	NE	<0.130	<0.120	<0.120	**0.0550** J	<0.130	<0.120	NA	NA	**0.120** J	**0.120** J	<0.120	<0.120	**0.0810** J	<0.120	<0.130	NA	NA	**0.0560** J	<0.110
Chrysene		110	2,100	<0.050	**0.0320** J	**0.0220** J	**0.340**	**0.0480** J	**0.0330** J	NA	NA	**1.1**	**1.0**	<0.047	**0.0180** J	**0.490**	**0.0460** J	**0.0670**	NA	NA	**0.430**	**0.0200** J
Dibenz(a,h)anthracene		0.11	2.1	<0.050	<0.046	<0.048	**0.0550**	<0.051	<0.049	NA	NA	**0.130** *	**0.130** *	<0.047	<0.048	**0.0680**	<0.050	<0.051	NA	NA	**0.0690**	<0.045
Dibenzofuran		7.8	120	<0.130	<0.120	<0.120	<0.140	<0.130	<0.120	NA	NA	**0.0420** J	**0.0460** J	<0.120	<0.120	<0.160	**0.0600** J	**0.0450** J	NA	NA	<0.140	<0.110
Diethylphthalate		5,100	66,000	<0.190	<0.170	<0.180	<0.210	<0.190	<0.180	NA	NA	<0.220	<0.210	<0.180	<0.180	<0.240	<0.190	<0.190	NA	NA	<0.210	<0.170
bis(2-Ethylhexyl)phthalate		39	160	<0.190	<0.170	<0.180	<0.210	<0.190	<0.180	NA	NA	**0.120** J	**0.130** J	<0.180	<0.180	<0.240	<0.190	<0.190	NA	NA	**0.110** J	<0.170
Fluoranthene		240	3,000	<0.050	**0.0520**	**0.0410** J	**0.540**	**0.0740**	**0.0440** J	NA	NA	**1.7**	**1.6**	<0.047	**0.0260** J	**0.900**	**0.160**	**0.140**	NA	NA	**0.690**	**0.0230** J
Fluorene		240	3,000	<0.050	<0.046	<0.048	<0.055	<0.051	<0.049	NA	NA	**0.0400** J	**0.0340** J	<0.047	<0.048	<0.065	**0.0730**	<0.051	NA	NA	**0.0210** J	<0.045
Indeno(1,2,3-cd)pyrene		1.1	21	<0.050	<0.046	**0.0170** J	**0.190**	**0.0250** J	<0.049	NA	NA	**0.550**	**0.500**	<0.047	<0.048	**0.190**	**0.0180** J	**0.0310** J	NA	NA	**0.230**	<0.045
Isophorone		570	2,400	<0.130	<0.120	<0.120	<0.140	<0.130	<0.120	NA	NA	<0.140	<0.140	<0.120	<0.120	<0.160	<0.120	<0.130	NA	NA	<0.140	<0.110
2-Methylnaphthalene		24	300	**0.0160** J	<0.046	<0.048	**0.0400** J	**0.0370** J	**0.0470** J	NA	NA	**0.0830**	**0.0960**	<0.047	<0.048	**0.0480** J	**0.0470** J	**0.1000**	NA	NA	**0.0630**	**0.0390** J
3&4-Methylphenol (m&p-cresol)		NE	NE	<0.500	<0.460	<0.480	<0.550	<0.510	<0.490	NA	NA	<0.570	<0.570	<0.470	<0.480	<0.650	<0.500	<0.510	NA	NA	<0.560	<0.450
Naphthalene		2.0	8.6	<0.050	<0.046	<0.048	**0.0320** J	**0.0250** J	**0.0350** J	NA	NA	**0.0650**	**0.0720**	<0.047	<0.048	**0.0430** J	**0.0310** J	**0.0660**	NA	NA	**0.0460** J	**0.0280** J
Phenanthrene		NE	NE	<0.050	**0.0280** J	**0.0210** J	**0.200**	**0.0520**	**0.0400** J	NA	NA	**0.610**	**0.580**	<0.047	<0.048	**0.350**	**0.240**	**0.130**	NA	NA	**0.260**	**0.0250** J
Phenol		1,900	25,000	<0.130	<0.120	<0.120	<0.140	<0.130	<0.120	NA	NA	<0.140	<0.140	<0.120	<0.120	<0.160	<0.120	<0.130	NA	NA	<0.140	<0.110
Pyrene		180	2,300	<0.050	**0.0410** J	**0.0370** J	**0.440**	**0.0660**	**0.0340** J	NA	NA	**1.4**	**1.3**	<0.047	**0.0190** J	**0.710**	**0.1000**	**0.1000**	NA	NA	**0.540**	**0.0200** J
All Other Analyzed SVOCs		Varies	Varies	BRL	BRL	BRL	BRL	BRL	BRL	NA	NA	BRL	BRL	BRL	BRL	BRL	BRL	BRL	NA	NA	BRL	BRL
ELEMENTS VIA U.S. EPA METHODS 6010/7471																						
Arsenic		0.68	3.0	**14** **	**16** **	**17** **	**11** **	**14** **	**15** **	**11** **	**19** **	**12** **	**12** **	**16** **	**21** **	**13** **	**13** **	**14** **	**13** **	**11** **	**12** **	**12** **
Barium		1,500	22,000	**69**	**37**	**43**	**60**	**64**	**61**	NA	NA	**85**	**86**	**43**	**66**	**85**	**56**	**50**	NA	NA	**68**	**48**
Cadmium		0.71	10.0	**0.310** J	<0.440	**0.150** J	**0.410** J	**0.160** J	**0.130** J	**0.530**	**0.460**	**0.540** J	**0.480** J	<0.560	**0.0660** J	**0.440** J	**0.130** J	**0.120** J	**0.550**	**0.570**	**0.380** J	**0.1000** J
Chromium (Hexavalent)		0.30	6.3	<0.180	<0.160	**0.330** J *	**2.4** J *	<0.180	<0.170	NA	NA	<2.1 E	<2.1 E	<0.160	<0.170	<2.3 E	<0.180	<0.180	NA	NA	<1.0 E	<0.160
Chromium (Total)		NE	NE	**16**	**16**	**14**	**17**	**16**	**16**	**14**	**16**	**24**	**26**	**14**	**16**	**20**	**13**	**15**	**11**	**18**	**18**	**12**
Copper		310	4,700	**33**	**19**	**18**	**26**	**23**	**28**	**2.6**	**17**	**24**	**27**	**17**	**24**	**27**	**20**	**20**	**2.8**	**16**	**31**	**19**
Lead		200	800	**25**	**11**	**15**	**26**	**20**	**20**	**27**	**13**	**37**	**37**	**11**	**29**	**29**	**17**	**19**	**20**	**12**	**32**	**13**
Mercury		1.1	4.6	**0.0720** J	**0.0290** J	<0.130	**0.0830** J	**0.0830** J	**0.110** J	**0.130**	**0.120**	**0.0590** J	**0.0600** J	**0.0470** J	**0.0710** J	**0.0560** J	**0.0470** J	**0.0690** J	**0.160**	**0.120**	**0.0340** J	**0.0470** J
Selenium		39	580	**1.0** J	<1.8	<1.8	**0.870** J	**0.550** J	<2.1	NA	NA	**1.1** J	**0.790** J	<2.2	<2.1	<2.9	<1.8	<2.0	NA	NA	<2.3	<1.8
Silver		39	580	<1.1	<0.890	<0.910	<0.960	<0.970	<1.0	**1.1**	**0.920**	**0.120** J	<1.3	<1.1	<1.0	**0.160** J	<0.910	<1.0	**1.1**	**1.1**	<1.1	<0.920
Zinc		2,300	35,000	**550**	**160**	**860**	**210**	**230**	**160**	**6,200** *	**460**	**1,200**	**890**	**200**	**210**	**420**	**110**	**140**	**10,000** *	**440**	**430**	**93**
POLYCHLORINATED BIPHENYLS (PCBs) VIA U.S. EPA METHOD 8082																						
Total PCBs (polychlorinated biphenyls)		0.23	0.94	<0.063	**0.180**	<0.058	<0.070	**0.0260**	<0.060	NA	NA	<0.074	<0.070	<0.058	<0.060	<0.083	<0.064	<0.063	NA	NA	<0.071	<0.057
Aroclor 1242		0.23	0.95	<0.063	<0.061	<0.058	<0.070	<0.062	<0.060	NA	NA	<0.074	<0.070	<0.058	<0.060	<0.083	<0.064	<0.063	NA	NA	<0.071	<0.057
Aroclor 1248		0.23	0.94	<0.063	<0.061	<0.058	<0.070	<0.062	<0.060	NA	NA	<0.074	<0.070	<0.058	<0.060	<0.083	<0.064	<0.063	NA	NA	<0.071	<0.057
Aroclor 1254		0.12	0.97	<0.063	<0.061	<0.058	<0.070	**0.0260** J	<0.060	NA	NA	<0.074	<0.070	<0.058	<0.060	<0.083	<0.064	<0.063	NA	NA	<0.071	<0.057
Aroclor 1260		0.24	0.99	<0.063	**0.180**	<0.058	<0.070	<0.062	<0.060	NA	NA	<0.074	<0.070	<0.058	<0.060	<0.083	<0.064	<0.063	NA	NA	<0.071	<0.057
All Other Analyzed PCBs		Varies	Varies	BRL	BRL	BRL	BRL	BRL	BRL	NA	NA	BRL	BRL	BRL	BRL	BRL	BRL	BRL	NA	NA	BRL	BRL
WET CHEMISTRIES VIA U.S. EPA METHOD 9045/9012																						
Corrosivity (pH)		NE	NE	NA	NA	NA	NA	NA	NA	**11.3**	**8.6**	NA	NA	NA	NA	NA	NA	NA	**11.3**	**8.7**	NA	NA
Free Cyanide (Leachate - mg/L)		0.20	NE	<0.0060	**0.0080**	**0.0054** J	<0.0060	<0.0060	**0.0060**	NA	NA	<0.0060	<0.0060	**0.0081**	**0.0078**	<0.0060	**0.0074**	**0.0096**	NA	NA	<0.0060	**0.0057** J
Estimated Free Cyanide in Soil (Leachate x 20 - mg/kg)		2.3	15	ND	**0.160**	**0.108** J	ND	ND	**0.120**	NA	NA	ND	ND	**0.162**	**0.156**	ND	**0.148**	**0.192**	NA	NA	ND	**0.114** J
Total Cyanide		2.3	15	**12** J *	**0.920**	**3.2** *	**10.0** *	**40** **	**7.3** *	**990** **	**41** **	**39** **	**43** **	**52** **	**48** **	**20** **	<15.0 E	<15.0 E	**1,900** **	**79** **	**23** **	**4.0** *

Abbreviations & Notes

NE = Not Established; RSLs = Regional Screening Levels
J = Reported value is estimated
USEPA = United States Environmental Protection Agency; SSLs = Soil Screening Levels
All results and USEPA Screening Levels are reported in miligrams per kilogram (mg/kg).
USEPA RSLs are based on the Regional Screening Levels Generic Tables April 2024 Update.
RSLs are based on a 1E-6 target cancer risk and a 0.1 target hazard quotient (THQ).

The following denote the symbol and color of screening level exceedances:

* = At or Above USEPA 2024 Resident Soil RSL
** = At or Above USEPA 2024 Industrial Soil RSLs

SUMMARY OF SOIL ANALYTICAL DATA
ADJACENT DITCH

Site Areas		U.S. EPA 2024 RESIDENT SOIL RSLs (*)	U.S. EPA 2024 INDUSTRIAL SOIL RSLs (**)	Adjacent Ditch	Adjacent Ditch	Adjacent Ditch	Adjacent Ditch	Adjacent Ditch	Adjacent Ditch	Adjacent Ditch	Adjacent Ditch	Adjacent Ditch	Adjacent Ditch	Adjacent Ditch	Adjacent Ditch	Adjacent Ditch	Adjacent Ditch	Adjacent Ditch	Adjacent Ditch	Adjacent Ditch	Adjacent Ditch
Sample Location:				Transect 875 West Bank	Transect 875 Center	Transect 875 East Bank				Transect 1000 West Bank			Transect 1000 Center			Transect 1000 East Bank	Transect 1100 SS#5	Transect 1100 SS#5 - N	Transect 1125 West Bank		Transect 1125 Center
Sample Depth (feet):				4.0-4.5	0.0-0.5	0.0-0.5	2.0-2.5	2.0-2.5 [DUP-7]	4.0-4.5	0.0-0.5	2.0-2.5	2.0-2.5 [DUP-8]	0.0-0.5	2.0-2.5	4.0-4.5	0.0-0.5	0.0-0.5	2.0-2.5 -2.5	0.0-0.5	2.0-2.5	0.0-0.5
Sample Date:				10/06/2024	10/03/2024	10/03/2024	10/05/2024	10/05/2024	10/05/2024	10/03/2024	10/06/2024	10/06/2024	10/03/2024	10/06/2024	10/06/2024	10/03/2024	07/24/2024	08/08/2024	10/03/2024	10/06/2024	10/03/2024
VOLATILE ORGANIC COMPOUNDS (VOCs) VIA U.S. EPA METHOD 8260																					
Acetone (2-Propanone)		7,000	110,000	<0.024	<0.030	<0.028	**0.0370**	<0.030	**0.0280 J**	<0.033	<0.028	<0.028	<0.031	<0.040	**0.041**	<0.039	NA	NA	**0.034**	<0.031	<0.039
2-Butanone (MEK)		2,700	19,000	<0.019	<0.024	<0.023	**0.0082 J**	<0.024	**0.0073 J**	<0.026	**0.0039 J**	<0.022	<0.025	<0.032	**0.011 J**	<0.031	NA	NA	**0.0066 J**	<0.025	<0.031
Carbon disulfide		77	350	<0.0049	<0.0060	<0.0056	<0.0062	<0.0061	<0.0060	<0.0065	<0.0055	<0.0056	<0.0062	<0.0079	<0.0060	<0.0077	NA	NA	<0.0063	<0.0061	<0.0077
Methyl Acetate		7,800	120,000	<0.024	<0.030	<0.028	<0.031	<0.030	<0.030	<0.033	<0.028	<0.028	<0.031	<0.040	<0.030	<0.039	NA	NA	<0.032	<0.031	<0.039
Tetrachloroethene (PCE)		8.1	39	<0.0049	<0.0060	<0.0056	<0.0062	<0.0061	<0.0060	<0.0065	<0.0055	<0.0056	<0.0062	<0.0079	<0.0060	<0.0077	NA	NA	<0.0063	<0.0061	<0.0077
Toluene		490	4,700	<0.0049	<0.0060	<0.0056	<0.0062	<0.0061	<0.0060	<0.0065	<0.0055	<0.0056	<0.0062	<0.0079	<0.0060	<0.0077	NA	NA	<0.0063	<0.0061	<0.0077
All Other Analyzed VOCs		Varies	Varies	BRL	BRL	BRL	BRL	BRL	BRL	BRL	BRL	BRL	BRL	BRL	BRL	BRL	NA	NA	BRL	BRL	BRL
SEMIVOLATILE ORGANIC COMPOUNDS (SVOCs) VIA U.S. EPA METHOD 8270																					
Acenaphthene		360	4,500	<0.039	<0.049	<0.047	<0.048	<0.048	<0.048	<0.054	<0.045	<0.045	<0.051	<0.064	<0.049	**0.034 J**	NA	NA	<0.052	<0.049	<0.063
Acenaphthylene		NE	NE	<0.039	<0.049	<0.047	<0.048	<0.048	**0.0460 J**	<0.054	<0.045	<0.045	<0.051	<0.064	**0.025 J**	**0.27**	NA	NA	<0.052	<0.049	<0.063
Acetophenone		780	12,000	<0.097	<0.120	<0.120	<0.120	<0.120	<0.120	<0.140	<0.110	<0.110	<0.130	<0.160	<0.120	<0.150	NA	NA	<0.130	<0.120	<0.160
Anthracene		1,800	23,000	<0.039	<0.049	<0.047	<0.048	<0.048	**0.0630**	**0.0180 J**	<0.045	<0.045	**0.015 J**	<0.064	**0.046 J**	**0.17**	NA	NA	**0.018 J**	<0.049	**0.038 J**
Benzaldehyde		170	820	<0.320	<0.400	<0.390	<0.400	<0.400	<0.400	<0.450	<0.370	<0.380	<0.420	<0.530	<0.400	**0.18 J**	NA	NA	<0.430	<0.410	<0.520
Benzo(a)anthracene		1.1	21	<0.039	**0.0270 J**	**0.0370 J**	<0.048	<0.048	**0.210**	**0.110**	<0.045	<0.045	**0.060**	**0.036 J**	**0.15**	**0.62**	NA	NA	**0.088**	**0.018 J**	**0.22**
Benzo(a)pyrene		0.11	2.1	<0.039	**0.0170 J**	**0.0380 J**	<0.048	<0.048	**0.170** *	**0.140** *	<0.045	<0.045	**0.067**	**0.029 J**	**0.13** *	**0.68** *	NA	NA	**0.11** *	**0.018 J**	**0.31** *
Benzo(b)fluoranthene		1.1	21	**0.0140 J**	**0.0290 J**	**0.0560**	**0.0170 J**	<0.048	**0.240**	**0.220**	<0.045	<0.045	**0.12**	**0.042 J**	**0.17**	**1.3** *	NA	NA	**0.21**	**0.031 J**	**0.64**
Benzo(g,h,i)perylene		NE	NE	<0.039	<0.049	**0.0340 J**	<0.048	<0.048	**0.120**	**0.140**	<0.045	<0.045	**0.061**	<0.064	**0.077**	**0.44**	NA	NA	**0.11**	<0.049	**0.30**
Benzo(k)fluoranthene		11	210	<0.039	**0.0140 J**	**0.0220 J**	<0.048	<0.048	**0.110**	**0.110**	<0.045	<0.045	**0.051**	<0.064	**0.070**	**0.47**	NA	NA	**0.073**	**0.013 J**	**0.21**
1,1'-Biphenyl		4.7	20	<0.097	<0.120	<0.120	<0.120	<0.120	<0.120	<0.140	<0.110	<0.110	<0.130	<0.160	<0.120	**0.093 J**	NA	NA	<0.130	<0.120	<0.160
Butylbenzylphthalate		290	1,200	<0.150	<0.180	<0.180	<0.180	<0.180	<0.180	<0.200	<0.170	<0.170	<0.190	<0.240	<0.180	<0.230	NA	NA	<0.190	<0.180	<0.230
Carbazole		NE	NE	<0.097	<0.120	<0.120	<0.120	<0.120	<0.120	<0.140	<0.110	<0.110	<0.130	<0.160	<0.120	**0.100 J**	NA	NA	<0.130	<0.120	**0.059 J**
Chrysene		110	2,100	<0.039	**0.0300 J**	**0.0470**	**0.0190 J**	<0.048	**0.190**	**0.170**	<0.045	<0.045	**0.099**	**0.056 J**	**0.15**	**0.77**	NA	NA	**0.15**	**0.021 J**	**0.46**
Dibenz(a,h)anthracene		0.11	2.1	<0.039	<0.049	<0.047	<0.048	<0.048	**0.0380 J**	<0.054	<0.045	<0.045	<0.051	<0.064	**0.036 J**	**0.14** *	NA	NA	<0.052	<0.049	**0.069**
Dibenzofuran		7.8	120	<0.097	<0.120	<0.120	<0.120	<0.120	<0.120	<0.140	<0.110	<0.110	<0.130	<0.160	<0.120	**0.22**	NA	NA	<0.130	<0.120	**0.048 J**
Diethylphthalate		5,100	66,000	<0.150	<0.180	<0.180	<0.180	<0.180	<0.180	<0.200	<0.170	<0.170	<0.190	<0.240	<0.180	<0.230	NA	NA	<0.190	<0.180	<0.230
bis(2-Ethylhexyl)phthalate		39	160	<0.150	<0.180	<0.180	<0.180	<0.180	<0.180	<0.200	<0.170	<0.170	<0.190	<0.240	<0.180	<0.230	NA	NA	<0.190	<0.180	<0.230
Fluoranthene		240	3,000	**0.0160 J**	**0.0390 J**	**0.0670**	**0.0400 J**	<0.048	**0.510**	**0.250**	<0.045	<0.045	**0.16**	**0.043 J**	**0.28**	**1.2**	NA	NA	**0.24**	**0.039 J**	**0.68**
Fluorene		240	3,000	<0.039	<0.049	<0.047	<0.048	<0.048	**0.0290 J**	<0.054	<0.045	<0.045	<0.051	<0.064	<0.049	<0.061	NA	NA	<0.052	<0.049	<0.063
Indeno(1,2,3-cd)pyrene		1.1	21	<0.039	<0.049	**0.0180 J**	<0.048	<0.048	**0.1000**	**0.110**	<0.045	<0.045	**0.046 J**	<0.064	**0.055**	**0.38**	NA	NA	**0.090**	**0.015 J**	**0.24**
Isophorone		570	2,400	<0.097	<0.120	<0.120	<0.120	<0.120	<0.120	<0.140	<0.110	<0.110	<0.130	<0.160	<0.120	<0.150	NA	NA	<0.130	<0.120	<0.160
2-Methylnaphthalene		24	300	**0.0230 J**	**0.0210 J**	**0.0400 J**	**0.0300 J**	<0.048	**0.0390 J**	**0.0720**	<0.045	<0.045	**0.076**	**0.075**	**0.100**	**1.0**	NA	NA	**0.042 J**	**0.037 J**	**0.18**
3&4-Methylphenol (m&p-cresol)		NE	NE	<0.390	<0.490	<0.470	<0.480	<0.480	<0.480	<0.540	<0.450	<0.450	**0.063 J**	<0.640	**0.075 J**	<0.610	NA	NA	**0.17 J**	<0.490	**0.35 J**
Naphthalene		2.0	8.6	**0.0130 J**	<0.049	**0.0290 J**	**0.0220 J**	<0.048	**0.0300 J**	**0.0510 J**	<0.045	<0.045	**0.063**	**0.059 J**	**0.069**	**0.75**	NA	NA	**0.029 J**	**0.051**	**0.14**
Phenanthrene		NE	NE	**0.0150 J**	**0.0180 J**	**0.0360 J**	**0.0230 J**	<0.048	**0.300**	**0.120**	<0.045	<0.045	**0.076**	**0.036 J**	**0.11**	**0.65**	NA	NA	**0.11**	**0.031 J**	**0.28**
Phenol		1,900	25,000	<0.097	<0.120	<0.120	<0.120	<0.120	<0.120	<0.140	<0.110	<0.110	<0.130	<0.160	<0.120	<0.150	NA	NA	<0.130	<0.120	<0.160
Pyrene		180	2,300	<0.039	**0.0400 J**	**0.0570**	**0.0340 J**	<0.048	**0.380**	**0.200**	<0.045	<0.045	**0.13**	**0.048 J**	**0.21**	**0.97**	NA	NA	**0.20**	**0.031 J**	**0.55**
All Other Analyzed SVOCs		Varies	Varies	BRL	BRL	BRL	BRL	BRL	BRL	BRL	BRL	BRL	BRL	BRL	BRL	BRL	NA	NA	BRL	BRL	BRL
ELEMENTS VIA U.S. EPA METHODS 6010/7471																					
Arsenic		0.68	3.0	**14** **	**16** **	**9.8** **	**20** **	**10.0** **	**11** **	**9.3** **	**14** **	**15** **	**15** **	**28** **	**11** **	**9.7** **	**16** **	**13** **	**11** **	**14** **	**9.9** **
Barium		1,500	22,000	**41**	**56**	**44**	**46**	**48**	**44**	**51**	**31**	**31**	**72**	**97**	**48**	**150**	NA	NA	**47**	**63**	**55**
Cadmium		0.71	10.0	<0.460	<0.530	**0.230 J**	**0.0780 J**	<0.510	**0.0600 J**	**0.310 J**	<0.510	**0.0730 J**	**0.18 J**	**0.27 J**	**0.067 J**	**1.0** *	**0.61**	**0.55**	**0.20 J**	**0.13 J**	**0.26 J**
Chromium (Hexavalent)		0.30	6.3	<0.140	<0.180	<0.160	<0.170	<0.170	<0.170	<0.180	<0.160	<0.160	<0.180	<0.220	<0.840 E	<2.2 E	NA	NA	<0.180	<0.180	<2.1 E
Chromium (Total)		NE	NE	**12**	**15**	**11**	**14**	**13**	**13**	**11**	**11**	**12**	**10.0**	**17**	**13**	**12**	**17**	**14**	**11**	**14**	**14**
Copper		310	4,700	**17**	**11**	**15**	**19**	**17**	**16**	**15**	**17**	**17**	**1.9 J**	**26**	**18**	**27**	**16**	**15**	**11**	**17**	**3.3 J**
Lead		200	800	**9.9**	**10.0**	**14**	**15**	**14**	**11**	**18**	**11**	**11**	**18**	**24**	**13**	**30**	**17**	**14**	**18**	**15**	**21**
Mercury		1.1	4.6	**0.0400 J**	<0.130	**0.0320 J**	**0.0560 J**	**0.0560 J**	**0.0540 J**	**0.0320 J**	**0.0500 J**	**0.0310 J**	<0.130	**0.083 J**	**0.058 J**	**0.085 J**	**0.13**	**0.14**	<0.120	**0.035 J**	**0.030 J**
Selenium		39	580	<1.9	**0.530 J**	**0.510 J**	<2.5	**0.540 J**	**0.530 J**	<2.0	<2.0	<1.7	**0.69 J**	**0.68 J**	<2.0	**1.5 J**	NA	NA	<2.5	<1.9	<3.0
Silver		39	580	<0.930	<1.1	<0.980	<1.2	<1.0	<0.940	<1.0	<1.0	<0.870	<1.0	<1.4	<0.980	**0.38 J**	**1.2**	**1.1**	<1.3	<0.940	<1.5
Zinc		2,300	35,000	**62**	**820**	**75**	**68**	**65**	**66**	**280**	**70**	**75**	**6,600** *	**160**	**95**	**140**	**550**	**380**	**660**	**160**	**4,500** *
POLYCHLORINATED BIPHENYLS (PCBs) VIA U.S. EPA METHOD 8082																					
Total PCBs (polychlorinated biphenyls)		0.23	0.94	<0.048	<0.059	<0.061	<0.061	<0.060	<0.060	<0.068	<0.057	<0.055	<0.064	<0.081	<0.059	<0.080	NA	NA	<0.061	<0.061	<0.081
Aroclor 1242		0.23	0.95	<0.048	<0.059	<0.061	<0.061	<0.060	<0.060	<0.068	<0.057	<0.055	<0.064	<0.081	<0.059	<0.080	NA	NA	<0.061	<0.061	<0.081
Aroclor 1248		0.23	0.94	<0.048	<0.059	<0.061	<0.061	<0.060	<0.060	<0.068	<0.057	<0.055	<0.064	<0.081	<0.059	<0.080	NA	NA	<0.061	<0.061	<0.081
Aroclor 1254		0.12	0.97	<0.048	<0.059	<0.061	<0.061	<0.060	<0.060	<0.068	<0.057	<0.055	<0.064	<0.081	<0.059	<0.080	NA	NA	<0.061	<0.061	<0.081
Aroclor 1260		0.24	0.99	<0.048	<0.059	<0.061	<0.061	<0.060	<0.060	<0.068	<0.057	<0.055	<0.064	<0.081	<0.059	<0.080	NA	NA	<0.061	<0.061	<0.081
All Other Analyzed PCBs		Varies	Varies	BRL	BRL	BRL	BRL	BRL	BRL	BRL	BRL	BRL	BRL	BRL	BRL	BRL	NA	NA	BRL	BRL	BRL
WET CHEMISTRIES VIA U.S. EPA METHOD 9045/9012																					
Corrosivity (pH)		NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	**8.3**	**8.4**	NA	NA	NA
Free Cyanide (Leachate - mg/L)		0.20	NE	**0.0053 J**	**0.0110**	<0.0060	<0.0060	<0.0060	<0.0060	**0.0072**	**0.0066**	**0.0082**	**0.0095**	<0.0060	<0.0060	**0.0055 J**	NA	NA	**0.0420**	**0.0088**	**0.0065**
Estimated Free Cyanide in Soil (Leachate x 20 - mg/kg)		2.3	15	**0.106 J**	**0.220**	ND	ND	ND	ND	**0.144**	**0.132**	**0.164**	**0.190**	ND	ND	**0.110 J**	NA	NA	**0.840**	**0.176**	**0.130**
Total Cyanide		2.3	15	**5.4** *	**170** **	**1.4**	**1.8**	**1.2**	**14 J** *	**370** **	**6.3** *	<16.0 E	**1.9**	**11** *	**21** **	**29** **	**89** **	**38** **	**66** **	<17.0 E	**570** **

Abbreviations & Notes

NE = Not Established; RSLs = Regional Screening Levels
J = Reported value is estimated
USEPA = United States Environmental Protection Agency; SSLs = Soil Screening Levels
All results and USEPA Screening Levels are reported in miligrams per kilogram (mg/kg).
USEPA RSLs are based on the Regional Screening Levels Generic Tables April 2024 Update.
RSLs are based on a 1E-6 target cancer risk and a 0.1 target hazard quotient (THQ).

The following denote the symbol and color of screening level exceedances:
* = At or Above USEPA 2024 Resident Soil RSL
** = At or Above USEPA 2024 Industrial Soil RSLs

TABLE 6

SUMMARY OF SOIL ANALYTICAL DATA
ADJACENT DITCH

	Site Areas	U.S. EPA 2024 RESIDENT SOIL RSLs (*)	U.S. EPA 2024 INDUSTRIAL SOIL RSLs (**)	Adjacent Ditch	Adjacent Ditch	Adjacent Ditch	Adjacent Ditch
	Sample Location:			Transect 1125 East Bank			
	Sample Depth (feet):			0.0-0.5	0.0-0.5 [DUP-3]	2.0-2.5	4.0-4.5
	Sample Date:			10/03/2024	10/03/2024	10/06/2024	10/06/2024
VOLATILE ORGANIC COMPOUNDS (VOCs) VIA U.S. EPA METHOD 8260							
Acetone (2-Propanone)		**7,000**	**110,000**	<0.036	<0.029	**0.041**	<0.029
2-Butanone (MEK)		**2,700**	**19,000**	<0.029	<0.023	**0.0067** J	<0.023
Carbon disulfide		**77**	**350**	<0.0072	<0.0059	<0.0058	<0.0058
Methyl Acetate		**7,800**	**120,000**	<0.036	<0.029	<0.029	<0.029
Tetrachloroethene (PCE)		**8.1**	**39**	<0.0072	<0.0059	<0.0058	<0.0058
Toluene		**490**	**4,700**	<0.0072	<0.0059	<0.0058	<0.0058
All Other Analyzed VOCs		**Varies**	**Varies**	BRL	BRL	BRL	BRL
SEMIVOLATILE ORGANIC COMPOUNDS (SVOCs) VIA U.S. EPA METHOD 8270							
Acenaphthene		**360**	**4,500**	**0.023** J	<0.051	<0.048	<0.047
Acenaphthylene		**NE**	**NE**	**0.11**	<0.051	<0.048	<0.047
Acetophenone		**780**	**12,000**	<0.140	<0.130	<0.120	<0.120
Anthracene		**1,800**	**23,000**	**0.12**	**0.025** J	<0.048	<0.047
Benzaldehyde		**170**	**820**	<0.470	<0.420	<0.390	<0.390
Benzo(a)anthracene		**1.1**	**21**	**0.56**	**0.14**	<0.048	<0.047
Benzo(a)pyrene		**0.11**	**2.1**	**0.75** *	**0.23** *	<0.048	**0.018** J
Benzo(b)fluoranthene		**1.1**	**21**	**1.3** *	**0.44**	**0.031** J	**0.038** J
Benzo(g,h,i)perylene		**NE**	**NE**	**0.60**	**0.18**	<0.048	<0.047
Benzo(k)fluoranthene		**11**	**210**	**0.55**	**0.14**	<0.048	<0.047
1,1'-Biphenyl		**4.7**	**20**	<0.140	<0.130	<0.120	<0.120
Butylbenzylphthalate		**290**	**1,200**	<0.220	<0.190	<0.180	<0.180
Carbazole		**NE**	**NE**	**0.095** J	**0.040** J	<0.120	<0.120
Chrysene		**110**	**2,100**	**0.84**	**0.29**	**0.023** J	**0.029** J
Dibenz(a,h)anthracene		**0.11**	**2.1**	**0.15** *	**0.050** J	<0.048	<0.047
Dibenzofuran		**7.8**	**120**	**0.057** J	<0.130	<0.120	<0.120
Diethylphthalate		**5,100**	**66,000**	<0.220	<0.190	<0.180	<0.180
bis(2-Ethylhexyl)phthalate		**39**	**160**	<0.220	<0.190	<0.180	<0.180
Fluoranthene		**240**	**3,000**	**1.4**	**0.47**	**0.029** J	**0.041** J
Fluorene		**240**	**3,000**	**0.038** J	<0.051	<0.048	<0.047
Indeno(1,2,3-cd)pyrene		**1.1**	**21**	**0.47**	**0.17**	**0.017** J	**0.015** J
Isophorone		**570**	**2,400**	<0.140	<0.130	<0.120	<0.120
2-Methylnaphthalene		**24**	**300**	**0.17**	**0.067**	<0.048	<0.047
3&4-Methylphenol (m&p-cresol)		**NE**	**NE**	<0.570	**1.5**	<0.480	<0.470
Naphthalene		**2.0**	**8.6**	**0.14**	**0.047** J	<0.048	<0.047
Phenanthrene		**NE**	**NE**	**0.51**	**0.16**	**0.030** J	**0.020** J
Phenol		**1,900**	**25,000**	<0.140	**0.051** J	<0.120	<0.120
Pyrene		**180**	**2,300**	**1.1**	**0.37**	**0.023** J	**0.036** J
All Other Analyzed SVOCs		**Varies**	**Varies**	BRL	BRL	BRL	BRL
ELEMENTS VIA U.S. EPA METHODS 6010/7471							
Arsenic		**0.68**	**3.0**	**13** **	**11** **	**25** **	**13** **
Barium		**1,500**	**22,000**	**69**	**45**	**35**	**37**
Cadmium		**0.71**	**10.0**	**0.32** J	**0.23** J	**0.051** J	**0.081** J
Chromium (Hexavalent)		**0.30**	**6.3**	<0.200	<1.7 E	<0.170	<0.170
Chromium (Total)		**NE**	**NE**	**18**	**10.0**	**13**	**13**
Copper		**310**	**4,700**	**26**	**14**	**19**	**15**
Lead		**200**	**800**	**27**	**18**	**14**	**15**
Mercury		**1.1**	**4.6**	**0.043** J	<0.130	**0.025** J	**0.042** J
Selenium		**39**	**580**	**0.70** J	**0.54** J	<2.1	<2.1
Silver		**39**	**580**	<1.4	<1.0	<1.0	<1.1
Zinc		**2,300**	**35,000**	**630**	**740**	**270**	**600**
POLYCHLORINATED BIPHENYLS (PCBs) VIA U.S. EPA METHOD 8082							
Total PCBs (polychlorinated biphenyls)		**0.23**	**0.94**	<0.072	<0.063	<0.060	<0.061
Aroclor 1242		**0.23**	**0.95**	<0.072	<0.063	<0.060	<0.061
Aroclor 1248		**0.23**	**0.94**	<0.072	<0.063	<0.060	<0.061
Aroclor 1254		**0.12**	**0.97**	<0.072	<0.063	<0.060	<0.061
Aroclor 1260		**0.24**	**0.99**	<0.072	<0.063	<0.060	<0.061
All Other Analyzed PCBs		**Varies**	**Varies**	BRL	BRL	BRL	BRL
WET CHEMISTRIES VIA U.S. EPA METHOD 9045/9012							
Corrosivity (pH)		**NE**	**NE**	NA	NA	NA	NA
Free Cyanide (Leachate - mg/L)		**0.20**	**NE**	**0.0053** J	**0.0210**	<0.0060	**0.0063**
Estimated Free Cyanide in Soil (Leachate x 20 - mg/kg)		**2.3**	**15**	**0.106** J	**0.420**	ND	**0.126**
Total Cyanide		**2.3**	**15**	**70** **	**140** **	**16** **	**18** **

Abbreviations & Notes

NE = Not Established; RSLs = Regional Screening Levels

J = Reported value is estimated

USEPA = United States Environmental Protection Agency; SSLs = Soil Screening Levels

All results and USEPA Screening Levels are reported in miligrams per kilogram (mg/kg).

USEPA RSLs are based on the Regional Screening Levels Generic Tables April 2024 Update.

RSLs are based on a 1E-6 target cancer risk and a 0.1 target hazard quotient (THQ).

The following denote the symbol and color of screening level exceedances:

* = At or Above USEPA 2024 Resident Soil RSL

** = At or Above USEPA 2024 Industrial Soil RSLs

TABLE 7

SUMMARY OF SOIL ANALYTICAL DATA
SAWMILL CREEK

	Site Areas	U.S. EPA 2024 RESIDENT SOIL RSLs (*)	U.S. EPA 2024 INDUSTRIAL SOIL RSLs (**)	Sawmill Creek	Sawmill Creek	Sawmill Creek	Sawmill Creek	Sawmill Creek	Sawmill Creek	Sawmill Creek	Sawmill Creek	Sawmill Creek	Sawmill Creek	Sawmill Creek	Sawmill Creek
	Sample Location:			Transect 0 North Bank		Transect 0 South Bank			Transect 100 North Bank	Transect 100 South Bank		Transect 250 North Bank			Transect 250 South Bank
	Sample Depth (feet):			0.0-0.5	2.0-2.5	0.0-0.5	0.0-0.5 [DUP-7]	2.0-2.5	0.0-0.5	0.0-0.5	2.0-2.5	0.0-0.5	0.0-0.5 [DUP-6]	1.0-1.5	0.0-0.5
	Sample Date:			10/28/2024	10/28/2024	10/28/2024	10/28/2024	10/28/2024	10/25/2024	10/25/2024	10/28/2024	10/25/2024	10/25/2024	10/25/2024	10/25/2024
SEMIVOLATILE ORGANIC COMPOUNDS (SVOCs) VIA U.S. EPA METHOD 8270															
Acenaphthene		**360**	**4,500**	<0.058	<0.053	<0.049	<0.049	<0.048	**0.070**	**0.042** J	<0.052	**0.100**	<0.024	<0.017	<0.019
Acenaphthylene		**NE**	**NE**	<0.058	<0.053	<0.049	<0.049	<0.048	**0.060**	**0.024** J	<0.052	**0.048** J	**0.029** J	<0.018	**0.036** J
Anthracene		**1,800**	**23,000**	<0.058	<0.053	<0.049	<0.049	<0.048	**0.28**	**0.15**	<0.052	**0.67**	**0.094**	<0.015	**0.079**
Benzo(a)anthracene		**1.1**	**21**	**0.100**	<0.053	<0.049	**0.019** J	<0.048	**1.5** *	**0.74**	<0.052	**2.0** *	**0.53**	**0.027** J	**0.41**
Benzo(a)pyrene		**0.11**	**2.1**	**0.13** *	<0.053	<0.049	**0.020** J	<0.048	**1.9** *	**0.91** *	<0.052	**2.8** **	**0.63** *	**0.034** J	**0.46** *
Benzo(b)fluoranthene		**1.1**	**21**	**0.21**	<0.053	<0.049	**0.038** J	<0.048	**2.9** *	**1.3** *	<0.052	**3.8** *	**1.0**	**0.057**	**0.62**
Benzo(g,h,i)perylene		**NE**	**NE**	**0.15**	<0.053	<0.049	<0.049	<0.048	**1.4**	**0.74**	<0.052	**2.2**	**0.54**	**0.037** J	**0.40**
Benzo(k)fluoranthene		**11**	**210**	**0.093**	<0.053	<0.049	**0.013** J	<0.048	**0.90**	**0.46**	<0.052	**1.5**	**0.33**	**0.014** J	**0.26**
Chrysene		**110**	**2,100**	**0.15**	<0.053	<0.049	**0.028** J	<0.048	**2.0**	**0.99**	<0.052	**2.3**	**0.70**	**0.033** J	**0.52**
Dibenz(a,h)anthracene		**0.11**	**2.1**	**0.033** J	<0.053	<0.049	<0.049	<0.048	**0.31** *	**0.14** *	<0.052	**0.40** *	**0.099**	<0.018	**0.081**
Fluoranthene		**240**	**3,000**	**0.23**	<0.053	<0.049	**0.042** J	<0.048	**3.3**	**1.9**	<0.052	**4.5**	**1.2**	**0.056**	**1.1**
Fluorene		**240**	**3,000**	<0.058	<0.053	<0.049	<0.049	<0.048	**0.084**	**0.049** J	<0.052	**0.15**	**0.026** J	<0.017	**0.030** J
Indeno(1,2,3-cd)pyrene		**1.1**	**21**	**0.095**	<0.053	<0.049	**0.015** J	<0.048	**1.2** *	**0.59**	<0.052	**1.7** *	**0.44**	**0.025** J	**0.31**
Naphthalene		**2.0**	**8.6**	<0.058	<0.053	<0.049	<0.049	<0.048	**0.065**	**0.040** J	<0.052	**0.055** J	**0.063** J	<0.016	**0.036** J
Phenanthrene		**NE**	**NE**	**0.081**	<0.053	<0.049	<0.049	<0.048	**1.3**	**0.81**	<0.052	**2.4**	**0.48**	**0.021** J	**0.55**
Pyrene		**180**	**2,300**	**0.20**	<0.053	<0.049	**0.033** J	<0.048	**2.9**	**1.6**	<0.052	**3.8**	**1.0**	**0.052**	**0.92**
All Other Analyzed SVOCs		**Varies**	**Varies**	BRL	BRL	BRL	BRL	BRL	BRL	BRL	BRL	BRL	BRL	BRL	BRL
ELEMENTS VIA U.S. EPA METHODS 6010/7471															
Arsenic		**0.68**	**3.0**	**17** **	**11** **	**18** **	**23** **	**28** **	**13** **	**11** **	**14** **	**13** **	**17** **	**15** **	**12** **
Barium		**1,500**	**22,000**	**70**	**52**	**93**	**75**	**64**	**77**	**65**	**56**	**73**	**77**	**60**	**66**
Cadmium		**0.71**	**10.0**	**0.21** J	**0.100** J	**0.16** J	**0.13** J	**0.099** J	**0.41** J	**0.32** J	**0.13** J	**0.38** J	**0.32** J	**0.11** J	**0.21** J
Chromium (Hexavalent)		**0.30**	**6.3**	<0.610 E	**0.94** *	<0.520 E	**1.8** *	<0.480 E	<0.180	**0.22** J	<0.520 E	<0.240	<0.240	<0.170	<0.180
Chromium (Total)		**NE**	**NE**	**13**	**16**	**13**	**13**	**15**	**25**	**22**	**12**	**24**	**40**	**15**	**20**
Copper		**310**	**4,700**	**4.8**	**19**	**19**	**16**	**19**	**18**	**12**	**14**	**3.4**	**10.0**	**18**	**20**
Lead		**200**	**800**	**18**	**11**	**14**	**12**	**14**	**27**	**21**	**11**	**30**	**27**	**15**	**19**
Mercury		**1.1**	**4.6**	**0.025** J	<0.120	<0.140	<0.140	<0.110	**0.071** J	**0.059** J	**0.023** J	**0.049** J	**0.045** J	<0.021	**0.047** J
Selenium		**39**	**580**	**1.1** J	<1.7	**0.98** J	<2.1	<1.8	**1.4** J	**1.4** J	<2.3	**1.7** J	**1.4** J	<0.570	**0.75** J
Silver		**39**	**580**	<1.3	<0.870	<1.2	<1.1	<0.880	<0.100	<0.099	<1.1	<0.120	<0.110	<0.099	<0.096
Zinc		**2,300**	**35,000**	**2,100**	**68**	**100**	**180**	**65**	**1,200**	**1,000**	**55**	**4,100** *	**690**	**86**	**230**
WET CHEMISTRIES VIA U.S. EPA METHOD 9045/9012															
Free Cyanide (Leachate - mg/L)		**0.20**	**NE**	**0.036**	<0.0060	<0.0060	<0.0060	<0.0060	<0.0060	**0.013**	<0.0060	**0.025**	**0.016**	<0.0060	**0.0075**
Estimated Free Cyanide in Soil (Leachate x 20 - mg/kg)		**2.3**	**15**	**0.72**	ND	ND	ND	ND	ND	**0.26**	ND	**0.50**	**0.32**	ND	**0.15**
Total Cyanide		**2.3**	**15**	**230** **	**1.1**	**7.2** *	**49** **	**1.6**	**7.7** *	**130** **	**0.66**	**110** **	**170** **	**31** **	**33** **

Abbreviations & Notes

NE = Not Established; RSLs = Regional Screening Levels
J = Reported value is estimated
USEPA = United States Environmental Protection Agency; SSLs = Soil Screening Levels
All results and USEPA Screening Levels are reported in miligrams per kilogram (mg/kg).
USEPA RSLs are based on the Regional Screening Levels Generic Tables April 2024 Update.
RSLs are based on a 1E-6 target cancer risk and a 0.1 target hazard quotient (THQ).

The following denote the symbol and color of screening level exceedances:

* = At or Above USEPA 2024 Resident Soil RSL
** = At or Above USEPA 2024 Industrial Soil RSLs

SUMMARY OF SOIL ANALYTICAL DATA
SAWMILL CREEK

	Site Areas	U.S. EPA 2024 RESIDENT SOIL RSLs (*)	U.S. EPA 2024 INDUSTRIAL SOIL RSLs (**)	Sawmill Creek	Sawmill Creek	Sawmill Creek	Sawmill Creek	Sawmill Creek	Sawmill Creek	Sawmill Creek	Sawmill Creek	Sawmill Creek	Sawmill Creek	Sawmill Creek	Sawmill Creek
	Sample Location:			Transect 375 North Bank	Transect 375 Center	Transect 375 South Bank		Transect 500 North Bank		Transect 500 South Bank			Transect 625 North Bank	Transect 625 South Bank	
	Sample Depth (feet):			0.0-0.5	0.0-0.5	0.0-0.5	2.0-2.5	0.0-0.5	2.0-2.5	0.0-0.5	0.0-0.5 [DUP-5]	0.0-0.5	0.0-0.5	0.0-0.5	2.0-2.5
	Sample Date:			10/25/2024	10/25/2024	10/25/2024	10/25/2024	10/24/2024	10/25/2024	10/24/2024	10/24/2024	10/25/2024	10/24/2024	10/24/2024	10/24/2024
SEMIVOLATILE ORGANIC COMPOUNDS (SVOCs) VIA U.S. EPA METHOD 8270															
Acenaphthene		360	4,500	0.025 J	<0.020	<0.027	<0.019	<0.018	<0.018	<0.018	<0.018	<0.018	<0.020	<0.018	<0.017
Acenaphthylene		NE	NE	0.028 J	<0.022	<0.029	<0.020	<0.020	<0.020	<0.020	<0.020	<0.020	<0.021	<0.020	<0.018
Anthracene		1,800	23,000	0.100	0.037 J	0.051 J	<0.016	<0.016	<0.016	0.041 J	<0.016	<0.016	<0.017	0.050 J	<0.015
Benzo(a)anthracene		1.1	21	0.57	0.21	0.30	<0.020	0.062	<0.020	0.13	0.087	<0.020	0.039 J	0.32	0.024 J
Benzo(a)pyrene		0.11	2.1	0.73 *	0.27 *	0.43 *	0.021 J	0.072	<0.018	0.15 *	0.12 *	<0.018	0.050 J	0.33 *	0.026 J
Benzo(b)fluoranthene		1.1	21	1.1 *	0.45	0.77	0.035 J	0.100	<0.016	0.21	0.18	<0.016	0.078	0.53	0.044 J
Benzo(g,h,i)perylene		NE	NE	0.78	0.33	0.49	<0.036	0.062	<0.035	0.12	0.11	<0.035	0.047 J	0.32	<0.033
Benzo(k)fluoranthene		11	210	0.36	0.16	0.32	<0.013	0.036 J	<0.013	0.071	0.059	<0.013	0.030 J	0.20	0.012 J
Chrysene		110	2,100	0.78	0.34	0.56	0.027 J	0.085	<0.018	0.16	0.12	<0.018	0.057	0.43	0.032 J
Dibenz(a,h)anthracene		0.11	2.1	0.14 *	0.064	0.12 *	<0.020	<0.020	<0.020	0.030 J	0.035 J	<0.020	<0.021	0.060	<0.018
Fluoranthene		240	3,000	1.3	0.53	0.91	0.042 J	0.17	<0.018	0.35	0.23	<0.018	0.11	0.79	0.054
Fluorene		240	3,000	0.027 J	<0.020	<0.027	<0.019	<0.018	<0.018	<0.018	<0.018	<0.018	<0.020	<0.018	<0.017
Indeno(1,2,3-cd)pyrene		1.1	21	0.56	0.23	0.37	0.016 J	0.053	<0.016	0.088	0.078	<0.016	0.036 J	0.23	0.020 J
Naphthalene		2.0	8.6	0.055	<0.019	<0.025	<0.017	<0.017	<0.017	<0.017	<0.017	<0.017	<0.018	0.025 J	<0.016
Phenanthrene		NE	NE	0.47	0.21	0.33	<0.017	0.071	<0.017	0.19	0.075	<0.017	0.046 J	0.29	0.017 J
Pyrene		180	2,300	1.1	0.47	0.76	0.032 J	0.14	<0.021	0.29	0.19	<0.021	0.086	0.67	0.049
All Other Analyzed SVOCs		Varies	Varies	BRL	BRL	BRL	BRL	BRL	BRL	BRL	BRL	BRL	BRL	BRL	BRL
ELEMENTS VIA U.S. EPA METHODS 6010/7471															
Arsenic		0.68	3.0	9.9 **	12 **	12 **	5.3 **	11 **	8.0 **	15 **	11 **	15 **	16 **	9.8 **	13 **
Barium		1,500	22,000	58	65	75	96	78	69	67	55	71	53	56	40
Cadmium		0.71	10.0	0.25 J	0.23 J	0.48 J	0.12 J	0.060 J	<0.055	0.15 J	0.14 J	0.073 J	0.080 J	0.16 J	0.053 J
Chromium (Hexavalent)		0.30	6.3	<0.170	<0.200	<0.260	<0.180	<0.180	<0.180	<0.180	0.22 J	<0.180	<0.190	<0.180	<0.170
Chromium (Total)		NE	NE	21	19	24	18	18	21	16	14	20	15	15	13
Copper		310	4,700	9.7	4.2	4.6	13	15	18	10.0	10.0	19	20	8.6	17
Lead		200	800	18	18	25	7.3	12	9.4	19	17	10.0	12	15	14
Mercury		1.1	4.6	0.047 J	0.032 J	0.049 J	<0.024	<0.022	<0.023	0.030 J	<0.027	<0.028	<0.027	0.022 J	<0.021
Selenium		39	580	0.76 J	0.87 J	0.88 J	<0.490	<0.580	0.71 J	0.86 J	<0.430	<0.530	<0.540	0.74 J	<0.480
Silver		39	580	<0.082	<0.093	<0.120	<0.085	<0.100	<0.092	<0.100	<0.075	<0.091	<0.094	<0.098	<0.084
Zinc		2,300	35,000	740	2,400 *	4,800 *	140	260	61	680	380	60	130	1,300	140
WET CHEMISTRIES VIA U.S. EPA METHOD 9045/9012															
Free Cyanide (Leachate - mg/L)		0.20	NE	0.012	0.048	0.034	0.0089	0.0075	<0.0050	0.0070	0.0065	<0.0060	<0.0060	0.0057 J	<0.0060
Estimated Free Cyanide in Soil (Leachate x 20 - mg/kg)		2.3	15	0.24	0.96	0.68	0.18	0.15	ND	0.14	0.13	ND	ND	0.11 J	ND
Total Cyanide		2.3	15	57 **	190 **	270 **	40 **	31 **	<0.720	43 **	57 **	<0.780	11 *	21 **	26 **

Abbreviations & Notes

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J = Reported value is estimated
USEPA = United States Environmental Protection Agency; SSLs = Soil Screening Levels
All results and USEPA Screening Levels are reported in miligrams per kilogram (mg/kg).
USEPA RSLs are based on the Regional Screening Levels Generic Tables April 2024 Update.
RSLs are based on a 1E-6 target cancer risk and a 0.1 target hazard quotient (THQ).

The following denote the symbol and color of screening level exceedances:

* = At or Above USEPA 2024 Resident Soil RSL
** = At or Above USEPA 2024 Industrial Soil RSLs

SUMMARY OF SOIL ANALYTICAL DATA
SAWMILL CREEK

	Site Areas	U.S. EPA 2024 RESIDENT SOIL RSLs (*)	U.S. EPA 2024 INDUSTRIAL SOIL RSLs (**)	Sawmill Creek	Sawmill Creek	Sawmill Creek	Sawmill Creek	Sawmill Creek	Sawmill Creek	Sawmill Creek	Sawmill Creek	Sawmill Creek	Sawmill Creek	Sawmill Creek	Sawmill Creek
	Sample Location:			Transect 750 North Bank			Transect 750 South Bank		Transect 875 North Bank		Transect 875 Center	Transect 875 South Bank		Transect 1000 North Bank	Transect 1000 Center
	Sample Depth (feet):			0.0-0.5	0.0-0.5 [DUP-4]	2.0-2.5	0.0-0.5	2.0-2.5	0.0-0.5	2.0-2.5	1.0-1.5	0.0-0.5	1.5-2.0	0.0-0.5	0.0-0.5
	Sample Date:			10/24/2024	10/24/2024	10/24/2024	10/24/2024	10/24/2024	10/23/2024	10/24/2024	10/24/2024	10/23/2024	10/23/2024	10/21/2024	10/21/2024
SEMIVOLATILE ORGANIC COMPOUNDS (SVOCs) VIA U.S. EPA METHOD 8270															
Acenaphthene		360	4,500	**0.077** J	<0.020	<0.018	<0.020	<0.017	<0.018	<0.018	<0.018	**0.031** J	<0.018	<0.018	<0.034
Acenaphthylene		NE	NE	<0.042	<0.021	<0.019	<0.022	<0.018	<0.020	<0.020	<0.019	<0.023	<0.019	<0.020	<0.037
Anthracene		1,800	23,000	**0.39**	**0.025** J	<0.015	**0.071**	<0.015	<0.016	<0.016	<0.015	**0.099**	<0.015	<0.016	**0.22**
Benzo(a)anthracene		1.1	21	**1.5** *	**0.15**	<0.019	**0.40**	**0.025** J	<0.020	<0.020	<0.019	**0.55**	**0.024** J	**0.033** J	**1.4** *
Benzo(a)pyrene		0.11	2.1	**1.4** *	**0.21** *	<0.018	**0.46** *	**0.028** J	<0.018	<0.018	<0.018	**0.74** *	**0.020** J	**0.045** J	**1.7** *
Benzo(b)fluoranthene		1.1	21	**2.0** *	**0.38**	<0.015	**0.74**	**0.045** J	<0.016	<0.016	**0.016** J	**1.2** *	**0.041** J	**0.081**	**2.4** *
Benzo(g,h,i)perylene		NE	NE	**1.1**	**0.21**	<0.034	**0.44**	<0.033	<0.035	<0.035	<0.035	**0.53**	<0.034	<0.036	**1.4**
Benzo(k)fluoranthene		11	210	**0.81**	**0.14**	<0.013	**0.25**	**0.014** J	<0.013	<0.013	<0.013	**0.38**	<0.013	**0.027** J	**1.1**
Chrysene		110	2,100	**1.7**	**0.28**	<0.018	**0.53**	**0.035** J	<0.018	<0.018	**0.023** J	**0.81**	**0.034** J	**0.054**	**1.9**
Dibenz(a,h)anthracene		0.11	2.1	**0.21** *	**0.049** J	<0.019	**0.084**	<0.018	<0.020	<0.020	<0.019	**0.11** *	<0.019	<0.020	**0.28** *
Fluoranthene		240	3,000	**3.5**	**0.48**	<0.018	**0.95**	**0.057**	<0.018	<0.018	**0.019** J	**1.6**	**0.045** J	**0.11**	**3.6**
Fluorene		240	3,000	**0.097** J	<0.020	<0.018	**0.024** J	<0.017	<0.018	<0.018	<0.018	**0.031** J	<0.018	<0.018	**0.041** J
Indeno(1,2,3-cd)pyrene		1.1	21	**0.88**	**0.16**	<0.015	**0.32**	**0.019** J	<0.016	<0.016	<0.015	**0.40**	**0.017** J	**0.028** J	**1.1** *
Naphthalene		2.0	8.6	**0.049** J	<0.018	<0.017	**0.021** J	<0.016	<0.017	<0.017	**0.020** J	**0.037** J	<0.016	<0.017	<0.032
Phenanthrene		NE	NE	**1.5**	**0.17**	<0.017	**0.37**	**0.019** J	<0.017	<0.017	**0.021** J	**0.57**	**0.018** J	**0.031** J	**0.91**
Pyrene		180	2,300	**3.0**	**0.39**	<0.020	**0.78**	**0.054**	<0.021	<0.021	<0.021	**1.2**	**0.039** J	**0.075**	**2.7**
All Other Analyzed SVOCs		Varies	Varies	BRL	BRL	BRL	BRL	BRL	BRL	BRL	BRL	BRL	BRL	BRL	BRL
ELEMENTS VIA U.S. EPA METHODS 6010/7471															
Arsenic		0.68	3.0	**12** **	**11** **	**7.7** **	**12** **	**16** **	**13** **	**11** **	**14** **	**11** **	**19** **	**13** **	**27** **
Barium		1,500	22,000	**68**	**67**	**63**	**68**	**61**	**16** J	**72**	**59**	**74**	**29**	**67**	**69**
Cadmium		0.71	10.0	**0.24** J	**0.26** J	**0.069** J	**0.22** J	<0.051	<0.055	<0.055	**0.070** J	**0.40** J	<0.048	**0.12** J	**0.20** J
Chromium (Hexavalent)		0.30	6.3	**0.47** J *	**0.24** J	<0.170	<0.200	<0.170	<0.180	<0.180	<0.170	<0.210	<0.170	<0.190	<0.170
Chromium (Total)		NE	NE	**19**	**18**	**21**	**17**	**19**	**7.5**	**19**	**19**	**23**	**9.1**	**18**	**12**
Copper		310	4,700	**17**	**12**	**18**	**12**	**16**	**14**	**18**	**17**	**9.7**	**18**	**18**	**6.1**
Lead		200	800	**22**	**20**	**11**	**19**	**11**	**10.0**	**11**	**11**	**22**	**11**	**12**	**21**
Mercury		1.1	4.6	**0.042** J	**0.051** J	<0.022	**0.034** J	<0.022	<0.025	<0.023	<0.024	**0.032** J	<0.025	**0.024** J	<0.019
Selenium		39	580	**0.81** J	**1.0** J	<0.550	**1.1** J	**0.69** J	<0.540	<0.540	**0.68** J	**0.78** J	<0.470	**0.58** J	**1.1** J
Silver		39	580	<0.086	<0.110	<0.095	<0.100	<0.086	<0.093	<0.093	<0.094	<0.120	<0.081	<0.096	<0.082
Zinc		2,300	35,000	**220**	**950**	**74**	**470**	**80**	**160**	**68**	**120**	**1,300**	**53**	**71**	**730**
WET CHEMISTRIES VIA U.S. EPA METHOD 9045/9012															
Free Cyanide (Leachate - mg/L)		0.20	NE	**0.0057** J	**0.010**	<0.0060	**0.011**	<0.0060	**0.0074**	**0.0059** J	<0.0060	**0.010**	<0.0060	**0.0094**	**0.017**
Estimated Free Cyanide in Soil (Leachate x 20 - mg/kg)		2.3	15	**0.11** J	**0.20**	ND	**0.22**	ND	**0.15**	**0.12** J	ND	**0.20**	ND	**0.19**	**0.34**
Total Cyanide		2.3	15	**50** **	**72** **	**0.73**	**110** **	**4.9** *	**24** **	**1.1**	**1.3**	**160** **	**8.2** *	**9.2** *	**250** **

Abbreviations & Notes

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J = Reported value is estimated
USEPA = United States Environmental Protection Agency; SSLs = Soil Screening Levels
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USEPA RSLs are based on the Regional Screening Levels Generic Tables April 2024 Update.
RSLs are based on a 1E-6 target cancer risk and a 0.1 target hazard quotient (THQ).

The following denote the symbol and color of screening level exceedances:

* = At or Above USEPA 2024 Resident Soil RSL
** = At or Above USEPA 2024 Industrial Soil RSLs

TABLE 7

SUMMARY OF SOIL ANALYTICAL DATA
SAWMILL CREEK

	Site Areas	U.S. EPA 2024 RESIDENT SOIL RSLs (*)	U.S. EPA 2024 INDUSTRIAL SOIL RSLs (**)	Sawmill Creek	Sawmill Creek	Sawmill Creek	Sawmill Creek	Sawmill Creek	Sawmill Creek	Sawmill Creek	Sawmill Creek	Sawmill Creek	Sawmill Creek	Sawmill Creek	Sawmill Creek
	Sample Location:			Transect 1000 Center	Transect 1000 South Bank			Transect 1125 North Bank		Transect 1125 South Bank		Transect 1250 North Bank		Transect 1250 South Bank	
	Sample Depth (feet):			2.0-2.5	0.0-0.5	0.0-0.5 [DUP-1]	2.0-2.5	0.0-0.5	2.0-2.5	0.0-0.5	2.0-2.5	0.0-0.5	2.0-2.5	0.0-0.5	2.0-2.5
	Sample Date:			10/21/2024	10/21/2024	10/21/2024	10/21/2024	10/21/2024	10/21/2024	10/21/2024	10/21/2024	10/22/2024	10/22/2024	10/21/2024	10/22/2024
SEMIVOLATILE ORGANIC COMPOUNDS (SVOCs) VIA U.S. EPA METHOD 8270															
Acenaphthene		360	4,500	<0.017	0.033 J	0.047 J	<0.022	<0.025	<0.018	<0.024	<0.018	0.027 J	<0.017	<0.028	<0.018
Acenaphthylene		NE	NE	<0.019	0.037 J	0.042 J	<0.024	<0.027	<0.019	<0.026	<0.019	<0.023	<0.019	<0.030	<0.020
Anthracene		1,800	23,000	<0.015	0.14	0.17	<0.019	0.11	<0.015	0.088	<0.015	0.079	<0.015	0.11	0.027 J
Benzo(a)anthracene		1.1	21	0.024 J	0.90	0.98	0.092	0.65	0.022 J	0.59	0.026 J	0.51	<0.019	0.69	0.17
Benzo(a)pyrene		0.11	2.1	0.032 J	1.2 *	1.3 *	0.12 *	0.91 *	0.024 J	0.80 *	0.034 J	0.62 *	<0.017	0.92 *	0.23 *
Benzo(b)fluoranthene		1.1	21	0.060	1.9 *	2.1 *	0.18	1.6 *	0.041 J	1.5 *	0.050 J	1.2 *	<0.015	1.6 *	0.31
Benzo(g,h,i)perylene		NE	NE	<0.034	0.99	1.0	0.049 J	0.62	<0.034	0.78	<0.034	0.69	<0.033	0.76	0.19
Benzo(k)fluoranthene		11	210	0.016 J	0.79	0.80	0.076	0.49	0.014 J	0.42	0.027 J	0.41	<0.012	0.47	0.16
Chrysene		110	2,100	0.035 J	1.4	1.4	0.13	1.1	0.034 J	0.98	0.041 J	0.87	<0.017	1.2	0.28
Dibenz(a,h)anthracene		0.11	2.1	<0.019	0.19 *	0.19 *	0.027 J	0.13 *	<0.019	0.14 *	<0.019	0.100	<0.019	0.15 *	0.045 J
Fluoranthene		240	3,000	0.076	2.4	2.5	0.29	2.0	0.055	1.8	0.075	1.7	<0.017	2.1	0.52
Fluorene		240	3,000	<0.017	0.035 J	0.047 J	<0.022	0.029 J	<0.018	<0.024	<0.018	0.026 J	<0.017	<0.028	<0.018
Indeno(1,2,3-cd)pyrene		1.1	21	0.020 J	0.78	0.79	0.070	0.52	<0.015	0.60	0.021 J	0.51	<0.015	0.63	0.13
Naphthalene		2.0	8.6	<0.016	0.026 J	0.034 J	<0.021	0.030 J	<0.016	0.030 J	<0.016	<0.020	<0.016	0.027 J	<0.017
Phenanthrene		NE	NE	0.028 J	0.78	0.94	0.094	0.58	0.020 J	0.54	0.030 J	0.55	<0.016	0.61	0.18
Pyrene		180	2,300	0.060	1.8	1.9	0.20	1.5	0.051	1.3	0.053	1.3	<0.020	1.6	0.43
All Other Analyzed SVOCs		Varies	Varies	BRL	BRL	BRL	BRL	BRL	BRL	BRL	BRL	BRL	BRL	BRL	BRL
ELEMENTS VIA U.S. EPA METHODS 6010/7471															
Arsenic		0.68	3.0	13 **	8.9 **	10.0 **	11 **	13 **	16 **	13 **	11 **	11 **	9.5 **	11 **	12 **
Barium		1,500	22,000	93	56	62	80	80	95	75	120	60	75	68	89
Cadmium		0.71	10.0	0.12 J	0.29 J	0.32 J	0.21 J	0.39 J	0.15 J	0.34 J	0.11 J	0.25 J	<0.059	0.41 J	0.091 J
Chromium (Hexavalent)		0.30	6.3	<0.180	<0.180	<0.180	<0.220	<0.250	<0.180	<0.240	<0.170	<0.210	<0.180	1.7 *	<0.180
Chromium (Total)		NE	NE	23	19	20	20	25	18	22	21	17	22	22	20
Copper		310	4,700	17	13	17	20	16	17	11	20	8.4	18	5.5	19
Lead		200	800	12	20	21	15	24	12	22	11	20	9.4	22	15
Mercury		1.1	4.6	<0.020	0.034 J	0.040 J	<0.032	<0.037	<0.021	0.034 J	<0.020	<0.030	<0.020	<0.039	<0.024
Selenium		39	580	0.64 J	0.86 J	0.61 J	0.96 J	1.3 J	0.93 J	1.0 J	0.63 J	0.97 J	<0.580	1.4 J	<0.560
Silver		39	580	<0.075	<0.089	<0.100	<0.110	<0.150	<0.096	<0.120	<0.085	<0.100	<0.100	<0.160	<0.097
Zinc		2,300	35,000	68	500	240	86	1,300	90	1,900	73	1,400	71	4,300 *	130
WET CHEMISTRIES VIA U.S. EPA METHOD 9045/9012															
Free Cyanide (Leachate - mg/L)		0.20	NE	<0.0060	0.023	<0.0060	0.0051 J	0.026	0.0062	0.047	<0.0060	0.028	0.012	0.027	<0.0060
Estimated Free Cyanide in Soil (Leachate x 20 - mg/kg)		2.3	15	ND	0.46	ND	0.10 J	0.52	0.12	0.94	ND	0.56	0.24	0.54	ND
Total Cyanide		2.3	15	29 **	80 **	89 **	93 **	<42.0 E	230 **	49 **	240 **	220 **	29 **	<47.0 E	43 **

Abbreviations & Notes

NE = Not Established; RSLs = Regional Screening Levels
J = Reported value is estimated
USEPA = United States Environmental Protection Agency; SSLs = Soil Screening Levels
All results and USEPA Screening Levels are reported in miligrams per kilogram (mg/kg).
USEPA RSLs are based on the Regional Screening Levels Generic Tables April 2024 Update.
RSLs are based on a 1E-6 target cancer risk and a 0.1 target hazard quotient (THQ).

The following denote the symbol and color of screening level exceedances:

* = At or Above USEPA 2024 Resident Soil RSL
** = At or Above USEPA 2024 Industrial Soil RSLs

TABLE 7

SUMMARY OF SOIL ANALYTICAL DATA
SAWMILL CREEK

	Site Areas	U.S. EPA 2024 RESIDENT SOIL RSLs (*)	U.S. EPA 2024 INDUSTRIAL SOIL RSLs (**)	Sawmill Creek	Sawmill Creek	Sawmill Creek	Sawmill Creek	Sawmill Creek	Sawmill Creek	Sawmill Creek	Sawmill Creek	Sawmill Creek	Sawmill Creek	Sawmill Creek	Sawmill Creek
	Sample Location:			Transect 1375 North Bank		Transect 1375 South Bank			Transect 1500 North Bank		Transect 1500 South Bank		Transect 1625 North Bank		Transect 1625 Center
	Sample Depth (feet):			0.0-0.5	2.0-2.5	0.0-0.5	0.0-0.5 [DUP-2]	2.0-2.5	0.0-0.5	2.0-2.5	0.0-0.5	2.0-2.5	0.0-0.5	2.0-2.5	2.0-2.5
	Sample Date:			10/22/2024	10/22/2024	10/22/2024	10/22/2024	10/22/2024	10/22/2024	10/22/2024	10/22/2024	10/22/2024	10/23/2024	10/23/2024	10/23/2024
SEMIVOLATILE ORGANIC COMPOUNDS (SVOCs) VIA U.S. EPA METHOD 8270															
Acenaphthene		360	4,500	<0.026	<0.018	<0.018	<0.018	<0.018	**0.048** J	<0.017	<0.017	<0.018	<0.024	<0.018	<0.018
Acenaphthylene		NE	NE	<0.028	<0.019	<0.020	<0.019	<0.019	**0.030** J	<0.018	<0.018	<0.019	<0.025	<0.020	<0.020
Anthracene		1,800	23,000	**0.066** J	<0.015	<0.016	<0.015	<0.016	**0.16**	<0.014	<0.014	<0.015	**0.041** J	<0.016	<0.016
Benzo(a)anthracene		1.1	21	**0.55**	**0.069**	**0.020** J	<0.019	<0.019	**0.98**	<0.018	<0.018	<0.019	**0.21**	<0.020	<0.020
Benzo(a)pyrene		0.11	2.1	**0.81** *	**0.094**	**0.024** J	<0.018	<0.018	**1.1** *	<0.017	<0.017	<0.018	**0.28** *	<0.018	<0.018
Benzo(b)fluoranthene		1.1	21	**1.3** *	**0.14**	**0.046** J	**0.016** J	<0.016	**1.6** *	**0.020** J	<0.014	<0.015	**0.52**	<0.016	<0.016
Benzo(g,h,i)perylene		NE	NE	**0.77**	**0.074**	<0.035	<0.034	<0.035	**0.88**	<0.032	<0.032	<0.034	**0.32**	<0.035	<0.035
Benzo(k)fluoranthene		11	210	**0.50**	**0.040** J	<0.013	<0.013	<0.013	**0.57**	<0.012	<0.012	<0.013	**0.19**	<0.013	<0.013
Chrysene		110	2,100	**1.0**	**0.11**	**0.034** J	<0.018	<0.018	**1.3**	**0.024** J	<0.017	<0.018	**0.42**	<0.018	<0.018
Dibenz(a,h)anthracene		0.11	2.1	**0.14** *	<0.019	<0.020	<0.019	<0.019	**0.14** *	<0.018	<0.018	<0.019	**0.061** J	<0.020	<0.020
Fluoranthene		240	3,000	**1.9**	**0.17**	**0.058**	**0.024** J	<0.018	**2.6**	**0.034** J	<0.017	<0.018	**0.82**	<0.018	<0.018
Fluorene		240	3,000	<0.026	<0.018	<0.018	<0.018	<0.018	**0.048** J	<0.017	<0.017	<0.018	<0.024	<0.018	<0.018
Indeno(1,2,3-cd)pyrene		1.1	21	**0.59**	**0.057**	**0.022** J	<0.015	<0.016	**0.68**	<0.014	<0.014	<0.015	**0.24**	<0.016	<0.016
Naphthalene		2.0	8.6	**0.028** J	<0.016	<0.017	<0.016	<0.017	**0.062**	<0.016	<0.016	<0.016	<0.022	<0.017	<0.017
Phenanthrene		NE	NE	**0.57**	**0.050**	<0.017	<0.016	<0.017	**1.0**	<0.016	<0.016	<0.016	**0.29**	<0.017	<0.017
Pyrene		180	2,300	**1.5**	**0.14**	**0.046** J	<0.020	<0.021	**2.3**	**0.026** J	<0.019	<0.020	**0.60**	<0.021	<0.021
All Other Analyzed SVOCs		Varies	Varies	BRL	BRL	BRL	BRL	BRL	BRL	BRL	BRL	BRL	BRL	BRL	BRL
ELEMENTS VIA U.S. EPA METHODS 6010/7471															
Arsenic		0.68	3.0	**14** **	**17** **	**12** **	**14** **	**11** **	**8.7** **	**13** **	**11** **	**13** **	**9.9** **	**50** **	**7.5** **
Barium		1,500	22,000	**88**	**68**	**57**	**47**	**68**	**60**	**71**	**93**	**68**	**72**	**40**	**84**
Cadmium		0.71	10.0	**0.43** J	**0.083** J	**0.071** J	**0.075** J	**0.071** J	**0.37** J	**0.064** J	**0.076** J	**0.067** J	**0.32** J	**0.054** J	**0.100** J
Chromium (Hexavalent)		0.30	6.3	<0.260	<0.170	<0.180	<0.180	<0.170	<0.200	<0.170	<0.170	<0.170	<0.240	<0.180	<0.190
Chromium (Total)		NE	NE	**28**	**16**	**16**	**17**	**18**	**21**	**15**	**19**	**20**	**24**	**13**	**20**
Copper		310	4,700	**7.8**	**18**	**18**	**19**	**18**	**9.9**	**17**	**17**	**18**	**9.6**	**19**	**13**
Lead		200	800	**29**	**11**	**11**	**12**	**11**	**23**	**9.5**	**10.0**	**10.0**	**21**	**13**	**6.5**
Mercury		1.1	4.6	**0.052** J	<0.024	<0.023	<0.023	<0.020	**0.047** J	<0.021	<0.024	<0.022	**0.043** J	<0.023	<0.027
Selenium		39	580	<0.850	<0.430	<0.520	<0.550	<0.480	**0.55** J	<0.490	<0.430	<0.470	**0.73** J	<0.520	**0.61** J
Silver		39	580	<0.150	<0.074	<0.090	<0.096	<0.083	<0.091	<0.084	<0.075	<0.082	<0.120	<0.090	<0.086
Zinc		2,300	35,000	**3,700** *	**77**	**150**	**79**	**72**	**1,100**	**66**	**80**	**61**	**2,300** *	**58**	**58**
WET CHEMISTRIES VIA U.S. EPA METHOD 9045/9012															
Free Cyanide (Leachate - mg/L)		0.20	NE	**0.035**	**0.0060**	<0.0060	**0.0093**	<0.0060	**0.0059** J	<0.0060	<0.0060	<0.0060	**0.0085**	<0.0060	**0.0063**
Estimated Free Cyanide in Soil (Leachate x 20 - mg/kg)		2.3	15	**0.70**	**0.12**	ND	**0.19**	ND	**0.12** J	ND	ND	ND	**0.17**	ND	**0.13**
Total Cyanide		2.3	15	**350** **	**5.9** *	**21** **	**3.3** *	**1.8**	**120** **	**3.2** *	**7.0** *	<0.530	**220** **	**3.9** *	**150** **

Abbreviations & Notes

NE = Not Established; RSLs = Regional Screening Levels
J = Reported value is estimated
USEPA = United States Environmental Protection Agency; SSLs = Soil Screening Levels
All results and USEPA Screening Levels are reported in miligrams per kilogram (mg/kg).
USEPA RSLs are based on the Regional Screening Levels Generic Tables April 2024 Update.
RSLs are based on a 1E-6 target cancer risk and a 0.1 target hazard quotient (THQ).

The following denote the symbol and color of screening level exceedances:

* = At or Above USEPA 2024 Resident Soil RSL
** = At or Above USEPA 2024 Industrial Soil RSLs

SUMMARY OF SOIL ANALYTICAL DATA
SAWMILL CREEK

	Site Areas	U.S. EPA 2024 RESIDENT SOIL RSLs (*)	U.S. EPA 2024 INDUSTRIAL SOIL RSLs (**)	Sawmill Creek	Sawmill Creek	Sawmill Creek	Sawmill Creek	Sawmill Creek	Sawmill Creek	Sawmill Creek	Sawmill Creek	Sawmill Creek
	Sample Location:			Transect 1625 South Bank			Transect 1750 North Bank	Transect 1750 South Bank	Transect 1820 North Bank	Transect 1820 Center	Transect 1820 South Bank	
	Sample Depth (feet):			0.0-0.5	0.0-0.5 [DUP-3]	2.0-2.5	0.0-0.5	0.0-0.5	0.0-0.5	1.0-1.5	0.0-0.5	2.0-2.5
	Sample Date:			10/22/2024	10/22/2024	10/23/2024	10/23/2024	10/23/2024	10/23/2024	10/23/2024	10/23/2024	10/23/2024
SEMIVOLATILE ORGANIC COMPOUNDS (SVOCs) VIA U.S. EPA METHOD 8270												
Acenaphthene		360	4,500	0.019 J	<0.019	<0.017	0.048 J	<0.024	0.37	0.13	0.041 J	0.031 J
Acenaphthylene		NE	NE	<0.019	<0.020	<0.018	0.033 J	<0.026	<0.120	<0.018	<0.019	<0.018
Anthracene		1,800	23,000	0.063	0.035 J	<0.015	0.13	0.066 J	1.3	0.27	0.13	0.054
Benzo(a)anthracene		1.1	21	0.39	0.23	0.029 J	0.85	0.42	4.9 *	0.61	0.57	0.19
Benzo(a)pyrene		0.11	2.1	0.55 *	0.26 *	0.038 J	1.2 *	0.53 *	5.5 **	0.53 *	0.71 *	0.17 *
Benzo(b)fluoranthene		1.1	21	1.0	0.34	0.069	1.8 *	0.79	7.7 *	0.74	1.0	0.25
Benzo(g,h,i)perylene		NE	NE	0.57	0.22	0.041 J	1.2	0.48	4.0	0.37	0.54	0.093
Benzo(k)fluoranthene		11	210	0.30	0.18	0.018 J	0.57	0.29	3.0	0.29	0.39	0.094
Chrysene		110	2,100	0.75	0.31	0.055	1.4	0.63	6.6	0.76	0.89	0.22
Dibenz(a,h)anthracene		0.11	2.1	0.087	0.053 J	0.020 J	0.19 *	0.096	0.93 *	0.077	0.100	0.036 J
Fluoranthene		240	3,000	1.3	0.72	0.094	2.7	1.3	17	1.9	2.0	0.57
Fluorene		240	3,000	0.018 J	<0.019	<0.017	0.047 J	0.027 J	0.60	0.15	0.057	0.038 J
Indeno(1,2,3-cd)pyrene		1.1	21	0.42	0.17	0.027 J	0.85	0.35	3.3 *	0.28	0.42	0.080
Naphthalene		2.0	8.6	0.019 J	<0.018	<0.016	0.042 J	0.042 J	<0.100	<0.016	<0.017	<0.016
Phenanthrene		NE	NE	0.41	0.31	0.037 J	1.1	0.49	9.6	1.5	1.0	0.38
Pyrene		180	2,300	1.0	0.55	0.070	2.1	1.0	12	1.4	1.4	0.39
All Other Analyzed SVOCs		Varies	Varies	BRL	BRL	BRL	BRL	BRL	BRL	BRL	BRL	BRL
ELEMENTS VIA U.S. EPA METHODS 6010/7471												
Arsenic		0.68	3.0	7.2 **	12 **	8.6 **	11 **	7.3 **	7.8 **	16 **	16 **	12 **
Barium		1,500	22,000	44	54	93	68	64	64	46	82	39
Cadmium		0.71	10.0	0.19 J	0.15 J	0.100 J	0.34 J	0.32 J	0.24 J	0.073 J	0.088 J	0.083 J
Chromium (Hexavalent)		0.30	6.3	<0.180	<0.190	<0.170	0.46 J *	0.49 J *	<0.220	<0.170	<0.170	<0.170
Chromium (Total)		NE	NE	15	14	23	20	20	20	12	16	11
Copper		310	4,700	7.3	10.0	15	17	18	16	15	17	19
Lead		200	800	15	18	9.4	21	19	16	11	14	11
Mercury		1.1	4.6	<0.022	<0.025	<0.020	0.038 J	<0.034	<0.025	<0.019	<0.023	<0.025
Selenium		39	580	<0.540	<0.480	<0.570	1.1 J	0.78 J	<0.700	<0.380	0.49 J	<0.480
Silver		39	580	<0.093	<0.084	<0.099	<0.087	<0.130	<0.120	<0.066	<0.084	<0.082
Zinc		2,300	35,000	1,200	200	84	230	220	160	92	150	61
WET CHEMISTRIES VIA U.S. EPA METHOD 9045/9012												
Free Cyanide (Leachate - mg/L)		0.20	NE	0.013	0.016	<0.0060	0.0090	<0.0060	<0.0060	<0.0060	<0.0060	<0.0060
Estimated Free Cyanide in Soil (Leachate x 20 - mg/kg)		2.3	15	0.26	0.32	ND	0.18	ND	ND	ND	ND	ND
Total Cyanide		2.3	15	37 **	35 **	1.2	15 **	2.2	11 *	1.5	1.4	<0.560

Abbreviations & Notes

NE = Not Established; RSLs = Regional Screening Levels
J = Reported value is estimated
USEPA = United States Environmental Protection Agency; SSLs = Soil Screening Levels
All results and USEPA Screening Levels are reported in miligrams per kilogram (mg/kg).
USEPA RSLs are based on the Regional Screening Levels Generic Tables April 2024 Update.
RSLs are based on a 1E-6 target cancer risk and a 0.1 target hazard quotient (THQ).

The following denote the symbol and color of screening level exceedances:

* = At or Above USEPA 2024 Resident Soil RSL
** = At or Above USEPA 2024 Industrial Soil RSLs

SUMMARY OF SURFACE WATER ANALYTICAL DATA
ADJACENT DITCH, SURFACE WATER FEATURE & SAWMILL CREEK

	Site Area	OHIO EPA NON-DRINKING SURFACE WATER HUMAN HEALTH CRITERIA (^)	Adjacent Ditch	Adjacent Ditch	Adjacent Ditch	Adjacent Ditch	Surface Water Feature	Surface Water Feature	Sawmill Creek	Sawmill Creek	Sawmill Creek
	Sample ID:		Transect 375 Center		Transect 500 Center	Transect 750 Center	SB-29-SW	SB-36-SW	Transect 0 Center	Transect 750 Center	Transect 1820 Center
	Depth (feet):		Surface	Surface [SW-DUP-1]	Surface	Surface	Surface	Surface	Surface	Surface	Surface
	Sample Date:		10/07/2024	10/07/2024	10/07/2024	10/07/2024	10/25/2024	10/25/2024	10/28/2024	10/28/2024	10/28/2024
SEMIVOLATILE ORGANIC COMPOUNDS (SVOCs) VIA U.S. EPA METHOD 8270											
Benzo(a)anthracene		**0.013**	<0.074 E	**0.34** ^	**0.25** ^	<0.065 E	**0.19** J ^	<0.065 E	<0.068 E	<0.068 E	<0.065 E
Benzo(a)pyrene		**0.0013**	<0.19 E	**0.58** ^	**0.24** ^	<0.17 E	**0.32** ^	<0.17 E	<0.17 E	<0.17 E	<0.17 E
Benzo(b)fluoranthene		**0.013**	<0.17 E	**1.3** ^	**0.43** ^	**0.16** J ^	**0.60** ^	<0.15 E	**0.15** J ^	<0.15 E	<0.15 E
Benzo(g,h,i)perylene		**NE**	<0.22	**0.74**	**0.21**	<0.19	**0.29**	<0.19	<0.20	<0.20	<0.19
Benzo(k)fluoranthene		**0.13**	<0.15 E	**0.41** ^	**0.16** J ^	<0.13	**0.18** J ^	<0.13	<0.14 E	<0.14 E	<0.13
Chrysene		**1.3**	<0.22	**0.71**	**0.34**	**0.15** J	**0.28**	<0.19	<0.20	<0.20	<0.19
Dibenz(a,h)anthracene		**0.0013**	<0.22 E	<0.19 E	<0.20 E	<0.19 E	<0.20 E	<0.19 E	<0.20 E	<0.20 E	<0.19 E
Fluoranthene		**20**	<0.22	**1.1**	**0.55**	**0.21**	**0.64**	<0.19	**0.21**	<0.20	<0.19
Fluorene		**70**	<0.22	<0.19	<0.20	<0.19	<0.20	<0.19	<0.20	<0.20	<0.19
Indeno(1,2,3-cd)pyrene		**0.013**	<0.15 E	**0.54** ^	**0.16** J ^	<0.13 E	**0.24** ^	<0.13 E	<0.14 E	<0.14 E	<0.13 E
Naphthalene		**NE**	<0.12	<0.10	<0.11	<0.10	<0.11	**0.10** J	**1.6**	<0.11	<0.10
Phenanthrene		**NE**	<0.22	**0.31**	**0.22**	<0.19	**0.20**	<0.19	**0.16** J	<0.20	<0.19
Pyrene		**30**	**0.14** J	**0.92**	**0.47**	**0.18** J	**0.43**	<0.19	**0.15** J	<0.20	<0.19
All Other Analyzed SVOCs		**Varies**	BRL	BRL	BRL	BRL	BRL	BRL	BRL	BRL	BRL
METALS VIA U.S. EPA METHODS 6010/7196/7470											
Arsenic		**NE**	**9.0** J	**51**	**600**	**27**	**4.2** J	**4.2** J	<4.1	<4.1	<4.1
Arsenic, dissolved		**NE**	**5.7** J	**8.8** J	**210**	**27**	<4.1	<4.1	<4.1	<4.1	<4.1
Barium		**NE**	**28** J	**150** J	**1,800**	**66** J	**88** J	**43** J	**55** J	**42** J	**73** J
Barium, dissolved		**NE**	**24** J	**27** J	**650**	**61** J	**39** J	**30** J	**53** J	**37** J	**70** J
Cadmium		**NE**	<5.0	**0.72** J	**6.7** J	**0.55** J	<5.0	<5.0	<5.0	<5.0	<5.0
Cadmium, dissolved		**NE**	<5.0	<5.0	**2.3** J	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
Chromium (VI)		**NE**	<7.0	<7.0	<70	<350	<7.0	<7.0	<7.0	<7.0	<7.0
Chromium, total		**NE**	**4.1** J	**140**	**620**	**24**	**12**	**4.7** J	<10	**0.97** J	**3.8** J
Chromium, dissolved		**NE**	**2.5** J	**5.0** J	**250**	**20**	**0.85** J	**2.9** J	<10	**0.77** J	**3.4** J
Copper		**NE**	**11** J	**110**	**710**	**62**	**10** J	**3.9** J	<25	<25	<25
Copper, dissolved		**NE**	**8.6** J	**11** J	**310**	**57**	<25	<25	<25	<25	<25
Lead		**NE**	<10	**58**	**730**	**24**	**11**	**5.4** J	<10	<10	<10
Lead, dissolved		**NE**	<10	**3.2** J	**210**	**21**	<10	<10	<10	<10	<10
Mercury		**0.012**	<0.13 E	<0.13 E	**1.2** ^	<0.13 E	<0.13 E	<0.13 E	<0.13 E	<0.13 E	<0.13 E
Mercury, dissolved		**0.012**	<0.13 E	<0.13 E	**0.52** ^	<0.13 E	<0.13 E	<0.13 E	<0.13 E	<0.13 E	<0.13 E
Selenium		**4,200**	<20	**17** J	**51** J	<20	<20	<20	<20	<20	<20
Selenium, dissolved		**4,200**	<20	<20	**16** J	<20	<20	<20	<20	<20	<20
Silver		**NE**	<1.4	<1.4	<1.4	<1.4	<1.4	<1.4	<1.4	<1.4	<1.4
Silver, dissolved		**NE**	<1.4	<1.4	<1.4	<1.4	<1.4	<1.4	<1.4	<1.4	<1.4
Zinc		**26,000**	**830**	**28,000** ^	**69,000** ^	**3,200**	**5,500**	**2,700**	**51**	**130**	<50
Zinc, dissolved		**26,000**	**230**	**970**	**19,000**	**2,700**	**48** J	**1,200**	<50	**42** J	<50
CYANIDE VIA U.S. EPA METHOD 9012 AND OIA-1677											
Cyanide, Total		**NE**	**480** J	**4,900**	**2,000**	**840**	**8,100**	**2,400**	**200**	**180**	**440**
Cyanide, Free		**400**	**21**	**83**	**94**	**46**	**130**	**130**	**11**	**13**	**26**

Abbreviations & Notes

B = Compound was detected in an associated blank
BRL = Below Laboratory Reporting Limits
DUP = Duplicate Sample
E = Reporting limit exceeds Criteria due to dilution or analytical limitations
J = Reported value is estimated
NA = Sample was not analyzed for this compound
NE = Not Established
U.S. EPA = United States Environmental Protection Agency

The following denote the symbol and color of screening level exceedances:

^ = At or above Ohio River Basin Human Health Tier I Criteria - Non-Drinking Water Use

Where default reporting limits exceed Criteria, results are reported as non-detect at the method detection limit.

Results and Criteria are reported in micrograms per liter (µg/L).

ATTACHMENT A

Field Procedures

GEOPROBE® DRILLING SOIL SAMPLING PROCEDURES

Drilling was performed in accordance with standard United States Environmental Protection Agency (U.S. EPA) protocols.

Soil borings were advanced using a Geoprobe® Direct Push Sampling System. Soil borings were advanced to the desired depth required for the investigation. Soil samples were collected continuously from each boring location by pushing a 4-foot long nickel-plated core barrel sampler, recovering a continuous, undisturbed soil sample within a disposable acetate liner inside the core barrel sampler. A new acetate liner was used for each sample collected. Upon retrieval, each soil core was capped to prevent volatilization and set aside until the terminal depth of the boring was reached. All soil samples were handled with new, clean nitrile sampling gloves to prevent cross-contamination between samples. All reusable equipment used to collect the soil samples was decontaminated with a Liquinox® solution (or equivalent) and rinsed with distilled water and deionized water between each boring location.

Once all cores were retrieved, each 4-foot section of soil was opened one at a time and divided into 2-foot sections. Each 2-foot section was screened in the field using a MiniRae® photoionization detector (PID), by creating indentions in the soil along the 2-foot section and collecting a reading directly from the soil core. Each 2-foot section was also screened for pH utilizing a soil pH probe. Following field screening the liner was re-sealed, prior to opening the next 4-foot section and repeating the field screening process. Once all soil cores were field screened, soil samples selected for laboratory analysis were transferred to clean, labeled sample containers (provided by the laboratory) and placed immediately on ice in a cooler for preservation in the field. Following field screening and sample selection, soil was lithologically classified and inspected in the field for evidence of contamination (odors, staining, etc.). The results of headspace analyses, lithological descriptions, and core retrieval times were recorded on boring logs. Soil samples were submitted to a certified laboratory for analysis.

Non-dedicated equipment utilized during soil boring activities was decontaminated before and after each use with non-phosphate detergent wash, followed by distilled water rinses to prevent cross-contamination.

HAND AUGER SOIL SAMPLING PROCEDURES

All sampling activities were performed in accordance with standard United States Environmental Protection Agency (U.S. EPA) protocols for environmental investigations by August Mack personnel.

Surface soil samples were collected using a hand auger to the desired depth required for the investigation. Soil samples were collected continuously from each sample location at half-foot intervals, beginning at grade level and continuing until the boring was terminated. Each soil sample was obtained using a stainless-steel core barrel sampler with a 6-foot extension attached to the end of a threaded cross handle. Soil samples were collected by turning the barrel sampler to the desired depth and recovering a continuous soil sample inside the barrel.

Upon retrieval, soil samples were extruded from the barrel by hand using clean nitrile sampling gloves to prevent cross-contamination between samples. All reusable equipment that was in contact with the samples was decontaminated before each use with a non-phosphate detergent (i.e. Liquinox® or equivalent) wash, followed by distilled water and deionized water rinses.

Soil samples collected during the project were placed on top of new polyethylene sheeting and the samples inspected in the field for evidence of contamination such as visible staining and/or odors. For each 1-foot section an aliquot of soil was transferred to clean, labeled sample containers (provided by the laboratory) and placed immediately back on ice in a cooler for preservation in the field. Soil samples were then delivered to a certified laboratory for analysis using chain-of-custody documentation.

Upon completion of the surface soil sampling activities, all sampling equipment was decontaminated as noted.

GEOPROBE® GRAB GROUNDWATER SAMPLING PROCEDURES

Grab Groundwater Sampling Activities

Upon completion of the Geoprobe® soil borings, a one (1)-inch diameter temporary polyvinyl chloride (PVC) with 10-feet of 0.010-inch machine slotted well screen, threaded to the appropriate length of PVC riser, was installed in the borehole. The slotted screen was installed to intersect the groundwater interface. Groundwater samples were collected from the temporary piezometer using a peristaltic pump with dedicated polyethylene tubing (or equivalent). The groundwater samples were transferred to clean, labeled sample containers (provided by the laboratory) and placed immediately on ice in a cooler for preservation in the field. Groundwater samples were submitted for laboratory analysis via analytical methods outlined in **Table 1**.

Site Restoration Activities

Upon completion of the field sampling activities, temporary piezometers were removed from the boreholes and the boreholes were abandoned by manually pouring soil cuttings and/or bentonite chips into the boreholes. Site restoration was completed by patching the surface materials complementary to pre-investigation conditions. Some locations were converted to permanent monitoring wells, in these instances the monitoring well installation procedures were followed after removing the one (1) inch PVC pipe.

FIELD FILTERING

Prior to collection of dissolved, field filtered water samples, a new 0.45-micron high-capacity groundwater filter was attached to the end of the sampling tubing or a new disposable syringe. Groundwater filters, tubing, and syringes were handled with new, clean nitrile sampling gloves to prevent cross-contamination between samples. Once tubing was attached, sample water was passed through the filter using one of two methods: pressure push or gravity feed.

Pressure was applied via a Geotech bladder pump, peristaltic pump, or new disposable syringe to push the water through the filter. Gravity feed involved the use of a Teflon-lined bailer, which was filled with groundwater and connected to the filter with Teflon lined tubing. The bailer was then held upright with the filter at the bottom over a sample container, and the water gradually flowed through the filter into the container via gravity.

Samples were collected in clean, labeled sample containers (provided by the laboratory) and placed immediately on ice in a cooler for preservation in the field. New, dedicated, tubing or syringes and field filters were used for each well and discarded after each use.

SURFACE WATER SAMPLING PROCEDURES

New, dedicated, syringes were utilized to collect surface water from applicable sampling locations. Syringes were handled with new, clean nitrile sampling gloves to prevent cross-contamination between samples. Samples were collected in syringes from the sampling locations and transferred to clean, labeled sample containers (provided by the laboratory), and placed immediately on ice in a cooler for preservation in the field.

MONITORING WELL INSTALLATION PROCEDURES

All drilling and well installations were performed in accordance with standard United States Environmental Protection Agency (U.S. EPA) protocols.

Upon completion of the Geoprobe® soil borings, the appropriate borings were converted into permanent monitoring wells using the hollow-stem auger. Each well consisted of 2-inch diameter PVC with 10 feet of 0.010-inch machine slotted well screen threaded to the appropriate length of PVC riser. The screen filter pack consisting of coarse washed filter sand (#5 sand) was installed via gravity pour around the well screen. A weighted measuring tape was used to ensure that bridging did not occur during installation of the filter pack. During installation, the augers were slowly removed as the annular space was filled with sand. This process was continued until the filter pack extended approximately 2-2.5-feet above the top of the well screen. The annular space was filled with hydrated bentonite chips, installed via gravity pour, to approximately 2-feet above the filter pack, creating a bentonite seal. Above the seal, the annular space was filled with bentonite chips to approximately 1-2.5-feet below ground level. The remaining annular space was then then filled with coarse washed filter sand (#5 sand) to approximately 2-inches below the top of the well casing.

Each well was finished by installing either a flush-mount or stick-up steel protective cover surrounded by a 2-foot by 2-foot concrete pad. The riser pipes were cut approximately3-inches below the opening of the protective cover and each well was completed with a locking well cap.

The monitoring wells were developed to produce water that is as free, as practicable, from sediment, drill cuttings, and drilling water via a submersible pump. Each well was developed until the water was deemed representative of groundwater. The wells were allowed to equilibrate prior to sampling. All drilling materials were decontaminated between each monitoring well location and prior to demobilization from the Site.

Decontamination procedures during well installation activities included pressure-washing augers that encountered soils with non-phosphate detergent wash, followed by distilled water rinses. The development pump was also decontaminated before and after each use with non-phosphate detergent wash, followed by distilled water rinses to prevent cross contamination.

MONITORING WELL WATER LEVEL MEASUREMENT

Water level measurements were collected from each monitoring well prior to groundwater sampling. After removing the well cap, sufficient time was allowed for the water level to equilibrate with the ambient air pressure.

Prior to water level measuring, the existing reference point on the well casing was determined. A water level indicator probe was slowly lowered into the well until the sound from the indicator was audible. The probe was then slowly pulled out a few inches and dropped back down at smaller increments until the water level could be determined to within 0.01-feet. The water level was measured based on an existing reference point on the well casing. Following groundwater sampling activities, the total depth of the well was measured and recorded to the nearest 0.01-feet by allowing the probe of the measuring tape to contact the base of the well. The water level indicator was decontaminated before and after each use with a non-phosphate detergent wash, followed by distilled water and deionized water (laboratory provided) rinses to prevent cross contamination.

EQUIPMENT DECONTAMINATION

Equipment that came into contact with the soil and/or groundwater was decontaminated before and after each use with non-phosphate detergent wash, followed by distilled water rinses, and a deionized water rinse (laboratory provided) to prevent cross-contamination. All decontamination water generated during the sampling activities was containerized in properly labeled 55-gallon drums and stored on-Site pending disposal.

ATTACHMENT B

Soil Boring Logs and Well Construction Diagrams

August Mack ENVIRONMENTAL

SB-1/MW-1

Project Number:	JY2380.372	Date Drilled:	10/18/2024
Project Name:	MSC Canfield	Personnel:	A. Crane
Site Address:	460 W Main Street	Driller:	Envirocore
City, State:	Canfield, OH	Driller License:	Not Applicable (NA)
Boring Location:	Near loading bays doors 3 & 4	Drilling Method:	Direct-push Dual Tube
Latitude/Northing*:	499600.1330	Longitude/Easting*:	2444062.7760
Surface Elevation:	1140.28	GW Sample Method:	Peristaltic/Low Flow

Depth (ft.)	Soil Type	Lithology Description	% Recovery	PID (ppm)/pH Probe	Screen Interval	Soil Sample Interval	Comments
0	CONCRETE						START: 1413
1	SAND	10YR 3/1, very dense, moist, fine to coarse grained, well graded, with silt, few gravel		0.8/ 8.38			
2	CLAYEY SILT	10YR 5/2, very stiff, moist, low plasticity, few gravel	45				
3		10YR 5/8, no gravel		0.6/ 8.58			
4							
5			100	0.2/ 8.75			
6							
7				0.4/ 8.73			
8		10YR 4/6, firm, few gravel					Soil sample SB-1-8-10 collected at 0840
9	SILTY CLAY	10YR 5/1, very stiff, moist, low plasticity, few sand	50	0.8/ 8.30			
10							
11				1.0/ 8.21			
12		Stiff, with sand					Soil sample SB-1-12-14 collected at 0845
13			95	0.4/ 7.80			
14							
15				0.4/ 7.84			
16	CLAYEY SAND	10YR 5/1, dense, moist, fine grained, poorly graded, with silt					
17				0.2/ 7.79			
18	SILTY CLAY	10YR 5/1, stiff, moist, low plasticity, with sand	50				
19				0.1/ 7.94			Monitoring Well MW-1 installed (18-28')
20							

* = Latitude/Longitude, Northing/Easting (State Plane or UTM), and Surface Elevation are estimated unless specified in the report to have been surveyed.

August Mack ENVIRONMENTAL

SB-1/MW-1

Project Number:	JY2380.372	Date Drilled:	10/18/2024
Project Name:	MSC Canfield	Personnel:	A. Crane
Site Address:	460 W Main Street	Driller:	Envirocore
City, State:	Canfield, OH	Driller License:	Not Applicable (NA)
Boring Location:	Near loading bays doors 3 & 4	Drilling Method:	Direct-push Dual Tube
Latitude/Northing*:	499600.1330	Longitude/Easting*:	2444062.7760
Surface Elevation:	1140.28	GW Sample Method:	Peristaltic/Low Flow

Depth (ft.)	Soil Type	Lithology Description	% Recovery	PID (ppm)/pH Probe	Screen Interval	Soil Sample Interval	Comments
20	**CLAYEY SAND**	10YR 5/1, medium dense, wet, fine to medium grained, well graded, with silt	75	0.5/ 7.98			Grab groundwater sample SB-1-GW-18-28 collected at 0850 (10/24/24)
21							
22	**SILTY CLAY**	10YR 5/1, stiff, moist, low plasticity, with sand					
23	**LEAN CLAY**	10YR 5/1, stiff, moist, medium plasticity, with silt, few sand		0.4/ 7.77			
24							
25	**SILTY CLAY**	10YR 5/1, stiff, moist, low plasticity, few sand	15	0.4/ 7.62			
26							
27				0.1/ 7.44			
28							End of boring at 28' (1447)

* = Latitude/Longitude, Northing/Easting (State Plane or UTM), and Surface Elevation are estimated unless specified in the report to have been surveyed.

August Mack ENVIRONMENTAL	Project Number: JY2380.372	Date Drilled:	10/21/2024
	Project Name: MSC Canfield	Personnel:	A. Crane
	Site Address: 460 W Main Street	Driller:	Envirocore
	City, State: Canfield, OH	Driller License:	Not Applicable (NA)
	Boring Location: Drive south of grate diversion	Drilling Method:	Direct-push Dual Tube
SB-2	Latitude/Northing*: 499698.1950	Longitude/Easting*:	2443989.9860
	Surface Elevation: 1138.35	GW Sample Method:	Peristaltic Pump

Depth (ft.)	Soil Type	Lithology Description	% Recovery	PID (ppm)/pH Probe	Screen Interval	Soil Sample Interval	Comments
0	CONCRETE						START: 0942
1	CLAYEY SAND	10YR 5/2, medium dense, moist, medium to coarse garined, well graded, with silt, few gravel		0.6/ 7.55			
2	CLAYEY SILT	10YR 5/6, stiff, moist, low plasticity, few sand	45				
3				0.4/ 6.41			
4							
5	SILTY CLAY	10YR 5/6, stiff, moist, low plasticity, few gravel		0.2/ 6.99			
6			80				
7	CLAYEY SILT	10YR 5/6, stiff, moist, low plasticity		0.2/ 7.35			Soil sample SB-2-6-8 collected at 0954
8							
9	SILTY CLAY	10YR 5/6, stiff, most, low plasticity		0.4/ 7.45			
10	SAND	10YR 5/6, dense, wet, fine grained, poorly graded, with silt	90				
11	SILTY CLAY	10YR 5/6, stiff, moist, low plasticity, with sand		0.2/ 7.40			Soil sample SB-2-10-12 collected at 1005
12	SAND	10YR 6/6, dense, wet, fine to coarse grained, well graded, with silt					
13	CLAYEY SILT	10YR 5/1, stiff, moist, low plasticity, few gravel		1.5/ 7.52			
14			70				
15				0.4/ 7.62			
16	SILTY CLAY	10YR 5/1, stiff, moist, low plasticity					
17		Few sand		1.0/ 7.80			Soil sample SB-2-16-18 collected at 1010
18	CLAYEY SILT	10YR 5/1, stiff, moist, low plasticity, few sand	70				
19				1.1/ 7.75			Grab groundwater sample SB-2-GW-18-28 collected at 1415 (10/23/24)
20	SILTY CLAY	10YR 5/1, stiff, moist, low plasticity, few sand					

* = Latitude/Longitude, Northing/Easting (State Plane or UTM), and Surface Elevation are estimated unless specified in the report to have been surveyed.

August Mack ENVIRONMENTAL

SB-2

Project Number:	JY2380.372	Date Drilled:	10/21/2024
Project Name:	MSC Canfield	Personnel:	A. Crane
Site Address:	460 W Main Street	Driller:	Envirocore
City, State:	Canfield, OH	Driller License:	Not Applicable (NA)
Boring Location:	Drive south of grate diversion	Drilling Method:	Direct-push Dual Tube
Latitude/Northing*:	499698.1950	Longitude/Easting*:	2443989.9860
Surface Elevation:	1138.35	GW Sample Method:	Peristaltic Pump

Depth (ft.)	Soil Type	Lithology Description	% Recovery	PID (ppm)/pH Probe	Screen Interval	Soil Sample Interval	Comments
20	SILTY CLAY	10YR 5/1, stiff, moist, low plasticity, few sand					
21	GRAVEL	10YR 7/1, dense, moist, fine grained, poorly graded, with silt		1.1/ 7.76			
22		10YR 5/1, stiff, moist, low plasticity, few sand	40	1.4/ 7.75			
23							
24	SILTY CLAY			1.0/ 7.92			
25							
26			50	0.9/ 7.82			
27							
28							End of boring at 28' (1024)

* = Latitude/Longitude, Northing/Easting (State Plane or UTM), and Surface Elevation are estimated unless specified in the report to have been surveyed.

August Mack ENVIRONMENTAL	Project Number: JY2380.372	Date Drilled:	10/22/2024
	Project Name: MSC Canfield	Personnel:	A. Crane
	Site Address: 460 W Main Street	Driller:	Envirocore
	City, State: Canfield, OH	Driller License:	Not Applicable (NA)
	Boring Location: Near office entrance	Drilling Method:	Direct-push Dual Tube
SB-3	Latitude/Northing*: 499545.8170	Longitude/Easting*:	2444181.3980
	Surface Elevation: 1142.04	GW Sample Method:	Peristaltic Pump

Depth (ft.)	Soil Type	Lithology Description	% Recovery	PID (ppm)/pH Probe	Screen Interval	Soil Sample Interval	Comments
0	ASPHALT						START: 1352
1	CONCRETE						
1	CLAYEY SAND	10YR 4/4, medium dense, moist, fine grained, poorly graded, with silt, few gravel		0.5/ 7.26			
2		10YR 4/4, very stiff, moist, low plasticity	50				
3	SILTY CLAY			0.6/ 7.30			
4		Few sand					
5				0.4/ 7.17			
6	LEAN CLAY	10YR 4/4, very stiff, moist, medium plasticity, with silt, few sand	100				
7		10YR 4/4, very stiff, moist, low plasticity, few sand		0.2/ 7.57			Soil sample SB-3-6-8 collected at 1358
8							
9		10YR 4/2, few gravel, no sand		0.1/ 7.56			
10	SILTY CLAY		100				
11		10YR 5/2, firm		0.3/ 7.58			Soil sample SB-3-10-12 collected at 1400
12		10YR 5/1, very stiff, few sand					
13		10YR 5/1, very stiff, moist, medium plasticity, with silt		0.4/ 7.47			
14			75				
15				0.5/ 7.49			
16	LEAN CLAY						Soil sample SB-2-16-18 collected at 1404
17				0.4/ 7.44			
18			95				
19	SILTY CLAY	10YR 5/1, stiff, moist, low plasticity Increasing moisture		0.4/ 7.41			Grab groundwater sample SB-3-GW-18-28 collected at 1130 (10/24/24)
20							

* = Latitude/Longitude, Northing/Easting (State Plane or UTM), and Surface Elevation are estimated unless specified in the report to have been surveyed.

August Mack ENVIRONMENTAL

SB-3

Project Number:	JY2380.372	Date Drilled:	10/22/2024
Project Name:	MSC Canfield	Personnel:	A. Crane
Site Address:	460 W Main Street	Driller:	Envirocore
City, State:	Canfield, OH	Driller License:	Not Applicable (NA)
Boring Location:	Near office entrance	Drilling Method:	Direct-push Dual Tube
Latitude/Northing*:	499545.8170	Longitude/Easting*:	2444181.3980
Surface Elevation:	1142.04	GW Sample Method:	Peristaltic Pump

Depth (ft.)	Soil Type	Lithology Description	% Recovery	PID (ppm)/pH Probe	Screen Interval	Soil Sample Interval	Comments
20	SILTY CLAY	10YR 5/1, stiff, moist, low plasticity, increasing moisture	95	0.3/ 7.45			
21		Very stiff, decreasing moisture, few sand					
22	CLAYEY SAND	10YR 5/1, medium dense, moist, fine to medium grained, well graded, with silt		0.2/ 7.39			
23	SILTY CLAY	10YR 5/1, very stiff, moist, low plasticity, few sand					
24	LEAN CLAY	10YR 5/1, very stiff, moist, medium plasticity, with silt, few sand	65	0.3/ 7.43			
25							
26				0.1/ 7.34			
27							
28							End of boring at 28' (1414)

* = Latitude/Longitude, Northing/Easting (State Plane or UTM), and Surface Elevation are estimated unless specified in the report to have been surveyed.

August Mack ENVIRONMENTAL

SB-4/MW-2

Project Number:	JY2380.372	Date Drilled:	10/18/2024
Project Name:	MSC Canfield	Personnel:	A. Crane
Site Address:	460 W Main Street	Driller:	Envirocore
City, State:	Canfield, OH	Driller License:	Not Applicable (NA)
Boring Location:	Middle of access drive	Drilling Method:	Direct-push Dual Tube
Latitude/Northing*:	499804.3700	Longitude/Easting*:	2443981.0340
Surface Elevation:	1138.26	GW Sample Method:	Peristaltic/Low Flow

Depth (ft.)	Soil Type	Lithology Description	% Recovery	PID (ppm)/pH Probe	Screen Interval	Soil Sample Interval	Comments
0	CONCRETE						START: 1053
1	SAND	10YR 5/2, dense, moist, fine to coarse grained, well graded, with silt		0.6/ 6.60			
2	CLAYEY SILT	10YR 5/2, very stiff, moist, low plasticity	35				
3		10YR 5/6, few gravel		1.0/ 5.47			
4							
5				0.7/ 6.46			
6			85				
7				0.5/ 7.63			
8	SILTY CLAY	10YR 5/6, stiff, moist, low plasticity					
9				0.4/ 7.84			Soil sample SB-4-8-10 collected at 0840
10			80				
11				0.5/ 7.40			
12	CLAYEY GRAVEL	10YR 5/4, dense, moist, fine grained, poorly graded, with silt					
13	CLAYEY SILT	10YR 4/6, very stiff, moist, low plasticity, few sand		2.0/ 7.78			Soil sample SB-4-12-14 collected at 0845
14			50				
15		10YR 5/1, stiff		2.6/ 7.74			
16		No sand					
17				1.6/ 7.77			
18		Very stiff, moist	80				
19				1.9/ 7.85			Monitoring Well MW-2 installed (18-28')
20							

* = Latitude/Longitude, Northing/Easting (State Plane or UTM), and Surface Elevation are estimated unless specified in the report to have been surveyed.

August Mack ENVIRONMENTAL

SB-4/MW-2

Project Number:	JY2380.372	Date Drilled:	10/18/2024
Project Name:	MSC Canfield	Personnel:	A. Crane
Site Address:	460 W Main Street	Driller:	Envirocore
City, State:	Canfield, OH	Driller License:	Not Applicable (NA)
Boring Location:	Middle of access drive	Drilling Method:	Direct-push Dual Tube
Latitude/Northing*:	499804.3700	Longitude/Easting*:	2443981.0340
Surface Elevation:	1138.26	GW Sample Method:	Peristaltic/Low Flow

Depth (ft.)	Soil Type	Lithology Description	% Recovery	PID (ppm)/pH Probe	Screen Interval	Soil Sample Interval	Comments
20	SAND	10YR 5/1, loose, wet, fine grained, poorly graded, with silt	100	1.7/ 7.87			Grab groundwater sample SB-4-GW-18-28 collected at 1125 (10/23/24)
21		Medium dense, fine to medium grained, well graded					
22							
23	CLAYEY SAND	10YR 5/1, dense, wet, fine to medium grained, well graded, with silt		1.1/ 7.70			
	SILTY CLAY	10YR 5/1, stiff, moist, low plasticity, few sand					
24	CLAYEY SILT	10YR 5/1, very soft, wet, low plasticity	100	0.6/ 7.73			
25		10YR 5/1, stiff, moist, low plasticity					
26	SILTY CLAY						
27		Few sand		0.6/ 7.83			
28							End of boring at 28' (1123)

* = Latitude/Longitude, Northing/Easting (State Plane or UTM), and Surface Elevation are estimated unless specified in the report to have been surveyed.

August Mack ENVIRONMENTAL

SB-6

Project Number:	JY2380.372	Date Drilled:	10/18/2024
Project Name:	MSC Canfield	Personnel:	A. Crane
Site Address:	460 W Main Street	Driller:	Envirocore
City, State:	Canfield, OH	Driller License:	Not Applicable (NA)
Boring Location:	Drive near silo on roof	Drilling Method:	Direct-push Dual Tube
Latitude/Northing*:	499925.5790	Longitude/Easting*:	2443980.5890
Surface Elevation:	1138.28	GW Sample Method:	Peristaltic Pump

Depth (ft.)	Soil Type	Lithology Description	% Recovery	PID (ppm)/pH Probe	Screen Interval	Soil Sample Interval	Comments
0	CONCRETE						START: 0833
1	SAND	10YR 5/2, dense, moist, fine to coarse grained, well graded, with silt		0.1/ 7.64			
2	CLAYEY SILT	10YR 5/1, very stiff, moist, low plasticity	50				
3		10YR 5/6		0.4/ 6.12			
4							
5				0.6/ 6.84			
6			100				
7	SAND	10YR 5/6, medium dense, wet, fine grained, poorly graded, with silt		0.4/ 7.96			
8	CLAYEY SILT	10YR 5/8, very stiff, moist, low plasticity, few sand					
9				0.5/ 8.48			Soil sample SB-6-8-10 collected at 0840
10	SAND	10YR 5/8, medium dense, wet, fine grained, poorly graded, with silt	100				
11	CLAYEY SILT	10YR 5/8, very stiff, moist, low plasticity		1.0/ 8.34			
12	SILTY CLAY	10YR 5/1, stiff, moist, low plasticity					Soil sample SB-6-12-14 collected at 0845
13				0.8/ 8.61			
14			100				
15				1.5/ 7.84			
16							
17				1.5/ 7.86			
18		Very stiff	100				
19				1.5/ 8.33			Soil sample SB-6-18-20 collected at 0852
20							

* = Latitude/Longitude, Northing/Easting (State Plane or UTM), and Surface Elevation are estimated unless specified in the report to have been surveyed.

August Mack ENVIRONMENTAL	Project Number: JY2380.372	Date Drilled:	10/18/2024
	Project Name: MSC Canfield	Personnel:	A. Crane
	Site Address: 460 W Main Street	Driller:	Envirocore
	City, State: Canfield, OH	Driller License:	Not Applicable (NA)
	Boring Location: Drive near silo on roof	Drilling Method:	Direct-push Dual Tube
SB-6	Latitude/Northing*: 499925.5790	Longitude/Easting*:	2443980.5890
	Surface Elevation: 1138.28	GW Sample Method:	Peristaltic Pump

Depth (ft.)	Soil Type	Lithology Description	% Recovery	PID (ppm)/pH Probe	Screen Interval	Soil Sample Interval	Comments
20	SILTY CLAY	10YR 5/1, very stiff, moist, low plasticity					
21				1.3/ 7.85			Grab groundwater sample SB-6-GW-18-28 collected at 1440 (10/23/24)
	CLAYEY SAND	10YR 5/1, medium dense, wet, fine grained, poorly graded, with silt					
22		10YR 5/1, stiff, moist, low plasticity, few sand	100				
23				2/ 7.91			
24							
25	SILTY CLAY			1.5/ 7.76			
26			100				
27				1.8/ 7.72			
28							End of boring at 28' (0901)

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August Mack ENVIRONMENTAL

SB-7/MW-15

Project Number:	JY2380.372	Date Drilled:	10/22/2024
Project Name:	MSC Canfield	Personnel:	A. Crane
Site Address:	460 W Main Street	Driller:	Envirocore
City, State:	Canfield, OH	Driller License:	Not Applicable (NA)
Boring Location:	North of pallet storage	Drilling Method:	Direct-push Dual Tube
Latitude/Northing*:	500150.4000	Longitude/Easting*:	2444145.4840
Surface Elevation:	1135.97	GW Sample Method:	Peristaltic/Low Flow

Depth (ft.)	Soil Type	Lithology Description	% Recovery	PID (ppm)/pH Probe	Screen Interval	Soil Sample Interval	Comments
0	ASPHALT						START: 0910
1	SAND	10YR 3/3, dense, moist, fine grained, poorly graded, with silt		0.6/ 7.38			
2	LEAN CLAY	10YR 4/1, firm, moist, medium plasticity, with silt	35				
3				0.9/ 7.36			
4		10YR 5/2, soft, moist, medium plasticity, with silt					
5	SILTY CLAY	10YR 5/2, firm, moist, low plasticity		0.4/ 7.38			
6		10YR 5/6, stiff	75				
7				0.2/ 7.36			
8		Very stiff					
9				0.8/ 7.33			
10			100				Soil sample SB-7-10-12 collected at 0922
11				1.7/ 7.55			
12		Few sand					
13		With sand		1.7/ 7.38			
14		Few sand 10YR 5/2	100				
15		No sand		1.3/ 7.40			
16		10YR 5/1, stiff, few sand					Soil sample SB-7-16-18 collected at 0925
17				1.4/ 7.60			
18			60				Soil sample SB-7-18-20 collected at 0928
19				1.1/ 7.42			
20							

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August Mack ENVIRONMENTAL

SB-7/MW-15

Project Number:	JY2380.372	Date Drilled:	10/22/2024
Project Name:	MSC Canfield	Personnel:	A. Crane
Site Address:	460 W Main Street	Driller:	Envirocore
City, State:	Canfield, OH	Driller License:	Not Applicable (NA)
Boring Location:	North of pallet storage	Drilling Method:	Direct-push Dual Tube
Latitude/Northing*:	500150.4000	Longitude/Easting*:	2444145.4840
Surface Elevation:	1135.97	GW Sample Method:	Peristaltic/Low Flow

Depth (ft.)	Soil Type	Lithology Description	% Recovery	PID (ppm)/pH Probe	Screen Interval	Soil Sample Interval	Comments
20	SILTY CLAY	10YR 5/1, stiff, few sand		0.6/ 7.42			Grab groundwater sample SB-7-GW-18-28 collected at 0830 (10/23/24)
21							
22	CLAYEY SAND	10YR 5/1, dense, wet, fine grained, poorly graded, with silt	100				
	SAND	10YR 5/1, dense, wet, fine grained, poorly graded, with silt		2.7/ 7.43			
23	CLAYEY SAND	10YR 5/1, dense, wet, fine grained, poorly graded, with silt					
24	SILTY CLAY	10YR 5/1, very stiff, moist, low plasticity, with sand		0.9/ 7.45			
25							
26	LEAN CLAY	10YR 5/1, very stiff, moist, low plasticity, with silt, few sand	75	2.4/ 7.44			
27							
28							End of boring at 28' (0937)

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August Mack ENVIRONMENTAL

SB-8/MW-4

Project Number:	JY2380.372	Date Drilled:	10/17/2024
Project Name:	MSC Canfield	Personnel:	A. Crane
Site Address:	460 W Main Street	Driller:	Envirocore
City, State:	Canfield, OH	Driller License:	Not Applicable (NA)
Boring Location:	South of manhole in drive	Drilling Method:	Direct-push Dual Tube
Latitude/Northing*:	500105.1350	Longitude/Easting*:	2443981.3370
Surface Elevation:	1137.36	GW Sample Method:	Peristaltic/Low Flow

Depth (ft.)	Soil Type	Lithology Description	% Recovery	PID (ppm)/pH Probe	Screen Interval	Soil Sample Interval	Comments
0	CONCRETE						START: 1540
1	GRAVEL	10YR 4/1, dense, moist, fine grained, poorly graded, with silt	50	0.0/ 8.00			
2				0.6/ 7.30			
3	CLAYEY SILT	10YR 5/1, very stiff, moist, low plasticity					
4		10YR 5/6	100	0.0/ 6.86			
5							
6				0.0/ 7.80			
7							
8				0.3/ 7.41			
9							
10		Few gravel	100	0.9/ 7.70			
11							
12		10YR 4/4, no gravel					Soil sample SB-8-12-14 collected at 1556
13				1.1/ 7.85			Black staining (13.00')
14			100				
15				0.5/ 7.68			
16		10YR 5/1					
17				1.1/ 7.75			
18			100				
19	SILTY CLAY	10YR 5/1, stiff, moist, low plasticity		0.8/ 7.86			Monitoring Well MW-4 installed (18-28')
20		Firm					

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August Mack ENVIRONMENTAL	Project Number: JY2380.372	Date Drilled:	10/17/2024
	Project Name: MSC Canfield	Personnel:	A. Crane
	Site Address: 460 W Main Street	Driller:	Envirocore
	City, State: Canfield, OH	Driller License:	Not Applicable (NA)
	Boring Location: South of manhole in drive	Drilling Method:	Direct-push Dual Tube
SB-8/MW-4	Latitude/Northing*: 500105.1350	Longitude/Easting*:	2443981.3370
	Surface Elevation: 1137.36	GW Sample Method:	Peristaltic/Low Flow

Depth (ft.)	Soil Type	Lithology Description	% Recovery	PID (ppm)/pH Probe	Screen Interval	Soil Sample Interval	Comments
20	SILTY CLAY	10YR 5/1, stiff, moist, low plasticity	95	5.7/ 7.81			Soil sample SB-8-20-22 collected at 1605
21							
22	CLAYEY SILT	10YR 5/1, soft, wet, low plasticity, few sand					
23				5/ 7.92			Grab groundwater sample SB-8-GW-18-28 collected at 0955 (10/18/24)
24	SILTY CLAY	10YR 5/1, firm, moist, low plasticity, few sand					
25		Stiff	85	1.9/ 7.85			
26	LEAN CLAY	10YR 5/1, stiff, moist, medium plasticity, few sand					
27				1.7/ 7.73			
28							End of boring at 28' (1615)

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August Mack ENVIRONMENTAL	Project Number: JY2380.372	Date Drilled:	10/17/2024
	Project Name: MSC Canfield	Personnel:	A. Crane
	Site Address: 460 W Main Street	Driller:	Envirocore
	City, State: Canfield, OH	Driller License:	Not Applicable (NA)
	Boring Location: North of door 9	Drilling Method:	Direct-push Dual Tube
SB-9/MW-5	Latitude/Northing*: 500067.1540	Longitude/Easting*:	2444142.0250
	Surface Elevation: 1138.55	GW Sample Method:	Peristaltic/Low Flow

Depth (ft.)	Soil Type	Lithology Description	% Recovery	PID (ppm)/pH Probe	Screen Interval	Soil Sample Interval	Comments
0	ASPHALT						START: 1307
1	CLAYEY GRAVEL	10YR 3/1, medium dense, moist, fine grained, poorly graded, with silt		1.9/ 7.15			
2	LEAN CLAY	10YR 5/1, stiff, moist, medium plasticity, few gravel	40				
3	SILTY CLAY	10YR 5/1, firm, low plasticity, no gravel		0.5/ 7.20			
4							
5				1.9/ 7.32			
6	CLAYEY SILT	10YR 5/6, very stiff, moist, low plasticity	90				
7				1.0/ 7.38			
8							
9				0.6/ 7.48			
10			100				
11				0.4/ 7.42			
12		Few gravel					
13				0.3/ 7.30			
14			100				
15		10YR 6/6		0.2/ 7.58			
16							
17	CLAYEY SAND	10YR 6/6, dense, fine grained, poorly graded, with silt		0.8/ 7.60			
18		10YR 5/1, stiff, moist, medium plasticity, with sand	100				
19	LEAN CLAY	No sand		1.4/ 7.60			
20							

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August Mack ENVIRONMENTAL

SB-9/MW-5

Project Number:	JY2380.372	Date Drilled:	10/17/2024
Project Name:	MSC Canfield	Personnel:	A. Crane
Site Address:	460 W Main Street	Driller:	Envirocore
City, State:	Canfield, OH	Driller License:	Not Applicable (NA)
Boring Location:	North of door 9	Drilling Method:	Direct-push Dual Tube
Latitude/Northing*:	500067.1540	Longitude/Easting*:	2444142.0250
Surface Elevation:	1138.55	GW Sample Method:	Peristaltic/Low Flow

Depth (ft.)	Soil Type	Lithology Description	% Recovery	PID (ppm)/pH Probe	Screen Interval	Soil Sample Interval	Comments
20	LEAN CLAY	10YR 5/2, stiff, moist, low plasticity, few sand					
21				2.6/ 7.53			
22	CLAYEY SILT	10YR 5/2, stiff, moist, low plasticity, few sand	100				
23		10YR 5/1		18.9/ 7.66			Soil sample SB-9-22-24 collected at 1345
24							Monitoring Well MW-5 installed (24-34')
25				1.8/ 7.82			
26			100				Grab groundwater sample SB-9-GW-24-34 collected at 1340 (10/18/24)
27	SILTY CLAY	10YR 4/1, firm, moist, low plasticity, few sand		1.8/ 7.88			
28							
29				1.1/ 7.92			
30			100				Soil sample SB-9-30-32 collected at 1400
31				1.8/ 7.62			
32	CLAYEY SILT	10YR 4/1, soft, wet, low plasticity, few sand					
33			100	1.9/ NA			
34	SILTY CLAY	Firm, moist, decreasing sand					End of boring at 34' (1408)

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August Mack ENVIRONMENTAL

SB-10/MW-6

Project Number:	JY2380.372	Date Drilled:	10/15/2024
Project Name:	MSC Canfield	Personnel:	A. Crane
Site Address:	460 W Main Street	Driller:	Envirocore
City, State:	Canfield, OH	Driller License:	Not Applicable (NA)
Boring Location:	Behind sand stockpiles	Drilling Method:	Direct-push Dual Tube
Latitude/Northing*:	500275.8470	Longitude/Easting*:	2443863.3460
Surface Elevation:	1134.90	GW Sample Method:	Peristaltic/Low Flow

Depth (ft.)	Soil Type	Lithology Description	% Recovery	PID (ppm)/pH Probe	Screen Interval	Soil Sample Interval	Comments
0	GRAVEL	10YR 5/6, loose, moist, coarse grained, poorly graded, with silt					START: 1548
1		10YR 5/6, very stiff, moist, low plasticity		0.3/ 7.10			
2			65				
3				0.3/ 6.79			
4							
5				5.0/ 7.31			Soil sample SB-10-4-6 collected at 1553
6	CLAYEY SILT		65				
7				0.8/ 6.88			
8							
9				0.6/ 7.52			
10			80				
11				0.5/ 7.72			Soil sample SB-10-10-12 collected at 1608
12	SILTY CLAY	10YR 5/6, stiff, moist, low plasticity, few sand					
13	CLAYEY SAND	10YR 5/8, dense, wet, fine grained, poorly graded, with silt		0.4/ 7.86			
14		10YR 4/6, very stiff, moist, low plasticity, few sand	100				
15				0.4/ 7.81			
16							
17	CLAYEY SILT			0.7/ 7.85			
18		10YR 5/4, stiff, few gravel, no sand	90				
19				0.9/ 7.73			Monitoring Well MW-6 installed (18-28')
20		10YR 5/1, firm, few sand, no gravel					

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August Mack ENVIRONMENTAL

SB-10/MW-6

Project Number:	JY2380.372	Date Drilled:	10/15/2024
Project Name:	MSC Canfield	Personnel:	A. Crane
Site Address:	460 W Main Street	Driller:	Envirocore
City, State:	Canfield, OH	Driller License:	Not Applicable (NA)
Boring Location:	Behind sand stockpiles	Drilling Method:	Direct-push Dual Tube
Latitude/Northing*:	500275.8470	Longitude/Easting*:	2443863.3460
Surface Elevation:	1134.90	GW Sample Method:	Peristaltic/Low Flow

Depth (ft.)	Soil Type	Lithology Description	% Recovery	PID (ppm)/pH Probe	Screen Interval	Soil Sample Interval	Comments
20–21	CLAYEY SILT	10YR 5/1, firm, few sand, no gravel		0.5/ 7.67			Grab groundwater sample SB-10-GW-18-28 collected at 1315 (10/16/24)
21–22	CLAYEY SAND	10YR 5/1, dense, wet, fine grained, poorly graded, with silt	100				
22	SAND	10YR 5/1, dense, wet, fine grained, poorly graded, with silt		0.2/ 7.77			
22–23	CLAYEY SAND	10YR 5/1, dense, wet, fine grained, poorly graded, with silt					
23–24	SILTY CLAY	10YR 5/1, stiff, moist, low plasticity, with sand		0.3/ 7.70			
24–25		Few sand	55				
25–26				0.2/ 7.66			
26–27							
27–28							End of boring at 28' (1617)

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August Mack ENVIRONMENTAL

SB-11/MW-7

Project Number:	JY2380.372	Date Drilled:	10/17/2024
Project Name:	MSC Canfield	Personnel:	A. Crane
Site Address:	460 W Main Street	Driller:	Envirocore
City, State:	Canfield, OH	Driller License:	Not Applicable (NA)
Boring Location:	North of door 6 and 7	Drilling Method:	Direct-push Dual Tube
Latitude/Northing*:	500268.4250	Longitude/Easting*:	2444054.5080
Surface Elevation:	1134.80	GW Sample Method:	Peristaltic/Low Flow

Depth (ft.)	Soil Type	Lithology Description	% Recovery	PID (ppm)/pH Probe	Screen Interval	Soil Sample Interval	Comments
0	CONCRETE						START: 0924
1	SAND	10YR 5/2, dense, moist, fine grained, poorly graded, with silt		1.0/ 11.94			
2	CLAYEY SILT	10YR 5/8, very stiff, moist, low plasticity, few sand	55				
3		No sand		1.0/ 8.62			
4		10YR 5/2, firm					
5		Soft, increasing moisture		1.0/ 9.36			
6			85				
7		10YR 4/3, very stiff, decreasing moisture		0.1/ 7.09			
8							
9				0.3/ 7.64			
10		Few sand					
10	CLAYEY SAND	10YR 4/3, dense, wet, fine grained, poorly graded	100				
11		10YR 4/3, very stiff, moist, low plasticity, few sand		0.1/ 7.84			
12		10YR 5/6, no sand					
13				0.5/ 7.84			
14			100				
15	CLAYEY SILT	Few sand		0.7/ 7.89			
16		10YR 4/3, no sand					
17				0.4/ 7.77			
18			100				
19		10YR 5/1, stiff		0.5/ 7.89			Monitoring Well MW-7 installed (18-28')
20							

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August Mack ENVIRONMENTAL

SB-11/MW-7

Project Number:	JY2380.372	Date Drilled:	10/17/2024
Project Name:	MSC Canfield	Personnel:	A. Crane
Site Address:	460 W Main Street	Driller:	Envirocore
City, State:	Canfield, OH	Driller License:	Not Applicable (NA)
Boring Location:	North of door 6 and 7	Drilling Method:	Direct-push Dual Tube
Latitude/Northing*:	500268.4250	Longitude/Easting*:	2444054.5080
Surface Elevation:	1134.80	GW Sample Method:	Peristaltic/Low Flow

Depth (ft.)	Soil Type	Lithology Description	% Recovery	PID (ppm)/pH Probe	Screen Interval	Soil Sample Interval	Comments
20	CLAYEY SILT	10YR 5/1, stiff, moist, low plasticity	100	0.4/ 7.94			Soil sample SB-11-20-22 collected at 0952
21	SILTY CLAY	10YR 5/1, firm, moist, low plasticity, few gravel					Grab groundwater sample SB-11-GW-18-28 collected at 1120 (10/18/24)
22							
23				0.3/ 7.82			Soil sample SB-11-22-24 collected at 0946
24	LEAN CLAY	10YR 5/1, firm, moist, medium plasticity, with silt, few gravel	100	0.8/ 7.90			
25		Soft, few sand, no gravel					
26	CLAYEY SAND	10YR 5/4, dense, wet, fine to medium grained, well graded, with silt					
27	SILTY CLAY	10YR 6/2, firm, moist, low plasticity, with sand		0.7/ 7.94			
28							End of boring at 28' (0954)

* = Latitude/Longitude, Northing/Easting (State Plane or UTM), and Surface Elevation are estimated unless specified in the report to have been surveyed.

August Mack ENVIRONMENTAL

SB-12/MW-3

Project Number:	JY2380.372	Date Drilled:	10/21/2024
Project Name:	MSC Canfield	Personnel:	A. Crane
Site Address:	460 W Main Street	Driller:	Envirocore
City, State:	Canfield, OH	Driller License:	Not Applicable (NA)
Boring Location:	North of door 8	Drilling Method:	Direct-push Dual Tube
Latitude/Northing*:	500222.3480	Longitude/Easting*:	2444115.1340
Surface Elevation:	1134.97	GW Sample Method:	Peristaltic/Low Flow

Depth (ft.)	Soil Type	Lithology Description	% Recovery	PID (ppm)/pH Probe	Screen Interval	Soil Sample Interval	Comments
0	ASPHALT						START: 1532
1	CLAYEY SAND	10YR 5/2, dense, moist, fine to coarse grained, well graded, with silt		0.6/ 7.24			
2			50				
3	LEAN CLAY	10YR 4/3, firm, moist, medium plasticity, with silt		0.7/ 7.25			
4	CLAYEY SAND	10YR 6/2, medium dense, moist, fine to coarse grained, well graded, with silt					Soil sample SB-12A-4-6 collected at 1540
5	SILTY CLAY	10YR 3/1, very soft, moist, medium plasticity, with silt		65.4/ 7.15			Very strong odor (4.50-6.00')
6			60				Soil sample SB-12-6-8 collected at 1545
7	LEAN CLAY	10YR 5/1, soft 10YR 4/3, firm, moist, medium plasticity, with silt		1.6/ 7.19			
8	SILTY CLAY	10YR 5/6, stiff, moist, low plasticity					
9				1.3/ 7.25			
10		Very stiff, few gravel	100				
11				1.0/ 7.46			
12							
13				0.8/ 7.66			
14		No gravel	100				Soil sample SB-12-14-16 collected at 1556
15				0.9/ 7.69			
16		10YR 5/2					
17				0.7/ 7.36			
18		10YR 5/1, stiff, few sand	100				Soil sample SB-12-18-20 collected at 1608
19				0.6/ 7.50			Monitoring Well MW-3 installed (18-28')
20							

* = Latitude/Longitude, Northing/Easting (State Plane or UTM), and Surface Elevation are estimated unless specified in the report to have been surveyed.

August Mack ENVIRONMENTAL

SB-12/MW-3

Project Number:	JY2380.372	Date Drilled:	10/21/2024
Project Name:	MSC Canfield	Personnel:	A. Crane
Site Address:	460 W Main Street	Driller:	Envirocore
City, State:	Canfield, OH	Driller License:	Not Applicable (NA)
Boring Location:	North of door 8	Drilling Method:	Direct-push Dual Tube
Latitude/Northing*:	500222.3480	Longitude/Easting*:	2444115.1340
Surface Elevation:	1134.97	GW Sample Method:	Peristaltic/Low Flow

Depth (ft.)	Soil Type	Lithology Description	% Recovery	PID (ppm)/pH Probe	Screen Interval	Soil Sample Interval	Comments
20	SILTY CLAY	10YR 5/2, stiff, moist, low plasticity, no sand	95	0.7/ 7.31			Grab groundwater sample SB-12-GW-18-28 collected at 1418 (10/22/24)
21		Very soft, wet					
22				0.9/ 7.52			
23	LEAN CLAY	10YR 5/2, stiff, moist, medium plasticity, with silt					
24		Few sand	75	0.8/ 7.48			
25							
26	CLAYEY SAND	10YR 5/2, dense, moist, fine grained, poorly graded, with silt		1.0/ 7.49			
27	SILTY CLAY	10YR 5/2, stiff, moist, medium plasticity, few sand					
28							End of boring at 28' (1625)

* = Latitude/Longitude, Northing/Easting (State Plane or UTM), and Surface Elevation are estimated unless specified in the report to have been surveyed.

August Mack ENVIRONMENTAL

SB-13/MW-12

Project Number:	JY2380.372	Date Drilled:	10/16/2024
Project Name:	MSC Canfield	Personnel:	A. Crane
Site Address:	460 W Main Street	Driller:	Envirocore
City, State:	Canfield, OH	Driller License:	Not Applicable (NA)
Boring Location:	South of building 2	Drilling Method:	Direct-push Dual Tube
Latitude/Northing*:	500331.9050	Longitude/Easting*:	2443959.1260
Surface Elevation:	1134.19	GW Sample Method:	Peristaltic/Low Flow

Depth (ft.)	Soil Type	Lithology Description	% Recovery	PID (ppm)/pH Probe	Screen Interval	Soil Sample Interval	Comments
0	CONCRETE		30	1.2/ 7.72			START: 1130
1	CLAYEY GRAVEL	10YR 2/1, dense, moist, fine grained, poorly graded, with silt					Fill material (0-3')
2							
3	BRICK			0.7/ 8.90			
	CLAYEY GRAVEL	10YR 2/1, dense, moist, fine grained, poorly graded, with silt					
4	NO RECOVERY		0	NM/ 8.56			
5							
6				NM/ 8.35			
7							
8	CLAYEY SILT	10YR 4/6, very stiff, moist, low plasticity, few gravel	100	1.4/ 6.43			
9							
10				1.6/ 7.45			
11							
12	SILTY CLAY	10YR 5/8, firm, moist, low plasticity	100	1.7/ 7.60			
13							
14				1.3/ 7.77			Soil sample SB-13-14-16 collected at 1145
15							
16		10YR 5/1, very stiff					
17	CLAYEY SILT	10YR 4/2, stiff, moist, low plasticity	100	1.2/ 7.83			Soil sample SB-13-16-18 collected at 1148
18		10YR 5/1, few gravel					
19		10YR 4/4		1.6/ 7.72			Soil sample SB-13-18-20 collected at 1150 Monitoring Well MW-12 installed (18-28')
20							

* = Latitude/Longitude, Northing/Easting (State Plane or UTM), and Surface Elevation are estimated unless specified in the report to have been surveyed.

August Mack ENVIRONMENTAL	Project Number: JY2380.372	Date Drilled:	10/16/2024
	Project Name: MSC Canfield	Personnel:	A. Crane
	Site Address: 460 W Main Street	Driller:	Envirocore
	City, State: Canfield, OH	Driller License:	Not Applicable (NA)
	Boring Location: South of building 2	Drilling Method:	Direct-push Dual Tube
SB-13/MW-12	Latitude/Northing*: 500331.9050	Longitude/Easting*:	2443959.1260
	Surface Elevation: 1134.19	GW Sample Method:	Peristaltic/Low Flow

Depth (ft.)	Soil Type	Lithology Description	% Recovery	PID (ppm)/pH Probe	Screen Interval	Soil Sample Interval	Comments
20	CLAYEY SAND	10YR 5/1, dense, wet, fine grained, poorly graded, with silt	100	1.6/ 7.69			Grab groundwater sample SB-13-GW-18-28 collected at 1105 (10/17/24)
21							
22							
23				1.2/ 7.68			
24			100				
25	SILTY CLAY	10YR 5/1, stiff, moist, low plasticity, with sand		1.3/ 7.51			
26	LEAN CLAY	10YR 5/1, stiff, moist, medium plasticity, few sand		0.7/ 7.58			
27							
28							End of boring at 28' (1206)

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August Mack ENVIRONMENTAL

SB-14/MW-13

Project Number:	JY2380.372	Date Drilled:	10/21/2024
Project Name:	MSC Canfield	Personnel:	A. Crane
Site Address:	460 W Main Street	Driller:	Envirocore
City, State:	Canfield, OH	Driller License:	Not Applicable (NA)
Boring Location:	North of door 7 against fence	Drilling Method:	Direct-push Dual Tube
Latitude/Northing*:	500297.9750	Longitude/Easting*:	2444056.6040
Surface Elevation:	1134.65	GW Sample Method:	Peristaltic/Low Flow

Depth (ft.)	Soil Type	Lithology Description	% Recovery	PID (ppm)/pH Probe	Screen Interval	Soil Sample Interval	Comments
0	CLAYEY GRAVEL	10YR 4/1, medium dense, moist, fine grained, poorly graded, with silt					START: 1310
1	CLAYEY SAND	10YR 4/1, medium dense, moist, medium to coarse grained, well graded, with silt		1.9/ 7.21			
2	SILTY CLAY	10YR 3/1, very stiff, moist, low plasticity	40				
3				1.4/ 7.22			
4							
5				0.9/ 7.24			
6		10YR 5/2, soft, moist, low plasticity	55				Soil sample SB-14-6-8 collected at 1320
7	CLAYEY SILT	10YR 5/6, very stiff, moist, low plasticity		1.0/ 7.27			
8							
9				1.0/ 7.26			
10			100				
11				1.0/ 7.27			
12							Soil sample SB-14-12-14 collected at 1328
13	SILTY CLAY	10YR 5/6, very stiff, moist, low plasticity		1.0/ 7.29			
14			100				
15	CLAYEY SAND	10YR 5/6, dense, moist, fine to medium grained, well graded, with silt		0.7/ 7.25			
16	SILTY CLAY	10YR 5/8, stiff, moist, low plasticity, few sand					
17		10YR 4/2, no sand		0.6/ 7.21			
18			75				
19		Few sand		0.6/ 7.29			Soil sample SB-14-18-20 collected at 1333 Monitoring Well MW-13 installed (18-28')
20		With sand					

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August Mack ENVIRONMENTAL

SB-14/MW-13

Project Number:	JY2380.372	Date Drilled:	10/21/2024
Project Name:	MSC Canfield	Personnel:	A. Crane
Site Address:	460 W Main Street	Driller:	Envirocore
City, State:	Canfield, OH	Driller License:	Not Applicable (NA)
Boring Location:	North of door 7 against fence	Drilling Method:	Direct-push Dual Tube
Latitude/Northing*:	500297.9750	Longitude/Easting*:	2444056.6040
Surface Elevation:	1134.65	GW Sample Method:	Peristaltic/Low Flow

Depth (ft.)	Soil Type	Lithology Description	% Recovery	PID (ppm)/pH Probe	Screen Interval	Soil Sample Interval	Comments
20	SILTY CLAY	10YR 4/2, stiff, moist, low plasticity, with sand					
21	CLAYEY SAND	10YR 6/8, dense, wet, fine grained, poorly graded, with silt	60	1.4/ 7.30			Grab groundwater sample SB-14-GW-18-28 collected at 1215 (10/22/24)
22							
23	SILTY CLAY	10YR 5/1, stiff, moist, low plasticity		0.7/ 7.45			
24			100				
25		Firm		0.8/ 7.39			
26		Stiff, moist, few sand					
27				1.0/ 7.32			
28	LEAN CLAY	10YR 5/1, stiff, moist, medium plasticity, with silt, few sand					End of boring at 28' (1339)

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August Mack ENVIRONMENTAL

SB-15

Project Number:	JY2380.372	Date Drilled:	10/14/2024
Project Name:	MSC Canfield	Personnel:	A. Crane
Site Address:	460 W Main Street	Driller:	Envirocore
City, State:	Canfield, OH	Driller License:	Not Applicable (NA)
Boring Location:	West of Building 2	Drilling Method:	Direct-push Dual Tube
Latitude/Northing*:	500393.2740	Longitude/Easting*:	2443867.9890
Surface Elevation:	1133.45	GW Sample Method:	Peristaltic Pump

Depth (ft.)	Soil Type	Lithology Description	% Recovery	PID (ppm)/pH Probe	Screen Interval	Soil Sample Interval	Comments
0	CLAYEY GRAVEL	10YR 5/1, medium dense, moist, fined grained, poorly graded, with silt	30	0.0/ 11.07			START: 1112
2	SILTY CLAY	10YR 4/4, very soft, moist, low plasticity, few sand		0.0/ 8.27			Soil sample SB-15-2-4 collected at 1115
4	CLAYEY SILT	10YR 5/4, stiff, moist, low plasticity	75	0.1/ 7.46			Soil sample SB-15-4-6 collected at 1120
6				0.0/ 7.55			Soil sample SB-15-6-8 collected at 1125
8	SILT	10YR 5/4, very soft, wet, non-plastic	100	0.0/ 7.44			Grab groundwater sample SB-15-GW-6-16 collected at 0730 (10/15/24)
9	CLAYEY SILT	10YR 5/4, firm, moist, low plasticity					
11		Few gravel		0.0/ 7.92			
12		Very soft, wet, low plasticity, few sand, no gravel	100	0.0/ 7.71			
14		Stiff, moist, few gravel, no sand		0.0/ 8.17			
16							End of boring at 16' (1138)

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August Mack ENVIRONMENTAL

SB-16/MW-8

Project Number:	JY2380.372	Date Drilled:	10/14/2024
Project Name:	MSC Canfield	Personnel:	A. Crane
Site Address:	460 W Main Street	Driller:	Envirocore
City, State:	Canfield, OH	Driller License:	Not Applicable (NA)
Boring Location:	East of Building 2	Drilling Method:	Direct-push Dual Tube
Latitude/Northing*:	500415.6090	Longitude/Easting*:	2443980.0730
Surface Elevation:	1132.35	GW Sample Method:	Peristaltic/Low Flow

Depth (ft.)	Soil Type	Lithology Description	% Recovery	PID (ppm)/pH Probe	Screen Interval	Soil Sample Interval	Comments
0	CLAYEY GRAVEL	10YR 5/1, very dense, moist, fine grained, poorly graded, with silt					START: 1457
1				0.0/ 9.38			
2		10YR 3/1, firm, moist, low plasticity, few gravel	45				
3				0.0/ 11.03			
4	SILTY CLAY	Soft					Soil sample SB-16-4-6 collected at 1515
5				0.0/ 8.98			Wood fragments (4.50')
6			75				
7	LEAN CLAY	10YR 6/3, firm, moist, medium plasticity, with silt		0.0/ 7.84			
8	CLAYEY SILT	10YR 5/6, very stiff, moist, low plasticity, few gravel					
9				0.0/ 6.69			
10			90				
11				0.0/ 6.66			
12							Soil sample SB-16-12-14 collected at 1525
13				0.0/ 6.61			
14			100				
15				0.0/ 6.61			Monitoring Well MW-8 installed (14-24')
16		Very soft, wet, few sand					Grab groundwater sample SB-16-GW-14-24 collected at 1105 (10/16/24)
17				0.0/ 5.95			
18	LEAN CLAY	10YR 4/1, firm, moist, medium plasticity, few sand	75				
19				0.0/ NA			
20	CLAYEY SAND	10YR 5/6, dense, moist, medium grained, poorly graded, with silt					

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August Mack ENVIRONMENTAL	Project Number: JY2380.372	Date Drilled:	10/14/2024
	Project Name: MSC Canfield	Personnel:	A. Crane
	Site Address: 460 W Main Street	Driller:	Envirocore
	City, State: Canfield, OH	Driller License:	Not Applicable (NA)
	Boring Location: East of Building 2	Drilling Method:	Direct-push Dual Tube
SB-16/MW-8	Latitude/Northing*: 500415.6090	Longitude/Easting*:	2443980.0730
	Surface Elevation: 1132.35	GW Sample Method:	Peristaltic/Low Flow

Depth (ft.)	Soil Type	Lithology Description	% Recovery	PID (ppm)/pH Probe	Screen Interval	Soil Sample Interval	Comments
20	CLAYEY SILT	10YR 4/1, stiff, moist, low plasticity, few sand	75	0.0/ NA			
21							
22		Very stiff, moist, low plasticity, no sand		0.0/ NA			
23							
24							End of boring at 24' (1539)

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August Mack ENVIRONMENTAL

SB-17/MW-9

Project Number:	JY2380.372	Date Drilled:	10/15/2024
Project Name:	MSC Canfield	Personnel:	A. Crane
Site Address:	460 W Main Street	Driller:	Envirocore
City, State:	Canfield, OH	Driller License:	Not Applicable (NA)
Boring Location:	West of forest road	Drilling Method:	Direct-push Dual Tube
Latitude/Northing*:	500558.6480	Longitude/Easting*:	2443697.7380
Surface Elevation:	1132.25	GW Sample Method:	Peristaltic/Low Flow

Depth (ft.)	Soil Type	Lithology Description	% Recovery	PID (ppm)/pH Probe	Screen Interval	Soil Sample Interval	Comments
0	CLAYEY SILT	10YR 4/4, firm, moist, low plasticity, few gravel					START: 1043
1		10YR 6/8, stiff		0.1/ 4.33			Organic material (0-0.5')
2			90				
3				0.2/ 5.17			
4							
5				0.3/ 6.23			
6			100				
7		10YR 5/6, very stiff		0.3/ 6.45			
8		10YR 5/1, stiff					
9				0.0/ 7.06			
10			100				
11				0.2/ 7.48			Soil sample SB-17-10-12 collected at 1055
12							
13				0.1/ 7.98			
14	SILTY CLAY	10YR 4/1, stiff, moist, low plasticity, few gravel	100				
15				0.1/ 7.92			Soil sample SB-17-14-16 collected at 1100
16		Firm, no gravel					
17		Soft, decreasing moisture		0.1/ 8.15			
18		Firm, moist	100				
19				0.3/ 8.00			Monitoring Well MW-9 installed (18-28')
20							

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August Mack ENVIRONMENTAL

SB-17/MW-9

Project Number:	JY2380.372	Date Drilled:	10/15/2024
Project Name:	MSC Canfield	Personnel:	A. Crane
Site Address:	460 W Main Street	Driller:	Envirocore
City, State:	Canfield, OH	Driller License:	Not Applicable (NA)
Boring Location:	West of forest road	Drilling Method:	Direct-push Dual Tube
Latitude/Northing*:	500558.6480	Longitude/Easting*:	2443697.7380
Surface Elevation:	1132.25	GW Sample Method:	Peristaltic/Low Flow

Depth (ft.)	Soil Type	Lithology Description	% Recovery	PID (ppm)/pH Probe	Screen Interval	Soil Sample Interval	Comments
20	CLAYEY SAND	10YR 4/1, dense, wet, fine grained, poorly graded, with silt	100	0.3/ 7.88			Grab groundwater sample SB-17-GW-18-28 collected at 1030 (10/16/24)
21							
22				0.2/ 7.86			
23							
24			25	0.2/ 8.16			
25	SILTY CLAY	10YR 4/1, stiff, moist, low plasticity, with sand					
26		Few sand		0.1/ 7.88			
27							
28							End of boring at 28' (1111)

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August Mack ENVIRONMENTAL

SB-18/MW-14

Project Number:	JY2380.372	Date Drilled:	10/14/2024
Project Name:	MSC Canfield	Personnel:	A. Crane
Site Address:	460 W Main Street	Driller:	Envirocore
City, State:	Canfield, OH	Driller License:	Not Applicable (NA)
Boring Location:	North of Building 2	Drilling Method:	Direct-push Dual Tube
Latitude/Northing*:	500517.3250	Longitude/Easting*:	2443904.0730
Surface Elevation:	1132.24	GW Sample Method:	Peristaltic/Low Flow

Depth (ft.)	Soil Type	Lithology Description	% Recovery	PID (ppm)/pH Probe	Screen Interval	Soil Sample Interval	Comments
0	CLAYEY SILT	10YR 4/3, stiff, moist, low plasticity, few gravel	50	0.0/ 8.62			START: 1305 Organic material (0-0.5')
1							
2				0.3/ 8.56			
3							
4	CLAYEY GRAVEL	10YR 5/2, medium dense, moist, fine grained, poorly graded, with silt	55	0.0/ 8.93			Soil sample SB-18-4-6 collected at 1308
5							
6	CLAYEY SILT	10YR 5/2, very stiff, moist, low plasticity, few gravel		0.0/ 8.73			Soil sample SB-18-6-8 collected at 1315
7							
8			75	0.0/ 7.06			
9							
10				0.0/ 8.01			
11							
12		10YR 5/6, stiff	100	0.0/ 8.39			
13							
14				0.0/ 8.48			Soil sample SB-18-14-16 collected at 1325 Monitoring Well MW-14 installed (14-24')
15							
16		10YR 4/1, very stiff	100	0.0/ 8.79			
17		Stiff					
18		10YR 5/8, very soft, wet					
19	LEAN CLAY	10YR 3/1 Firm, moist, medium plasticity, with silt		0.0/ 8.76			Grab groundwater sample SB-18-GW-14-24 collected at 1105 (10/16/24)
20							

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August Mack ENVIRONMENTAL

SB-18/MW-14

Project Number:	JY2380.372	Date Drilled:	10/14/2024
Project Name:	MSC Canfield	Personnel:	A. Crane
Site Address:	460 W Main Street	Driller:	Envirocore
City, State:	Canfield, OH	Driller License:	Not Applicable (NA)
Boring Location:	North of Building 2	Drilling Method:	Direct-push Dual Tube
Latitude/Northing*:	500517.3250	Longitude/Easting*:	2443904.0730
Surface Elevation:	1132.24	GW Sample Method:	Peristaltic/Low Flow

Depth (ft.)	Soil Type	Lithology Description	% Recovery	PID (ppm)/pH Probe	Screen Interval	Soil Sample Interval	Comments
20	**CLAYEY SAND**	10YR 5/4, medium dense, wet, fine to medium grained, well graded, with silt	80	0.0/ 8.61			
21							
22	**CLAYEY SILT**	10YR 5/1, firm, moist, low plasticity, few sand		0.0/ 8.87			
23	**CLAYEY SAND**	10YR 5/1, medium dense, wet, fine grained, poorly graded, with silt					
24							End of boring at 24' (1331)

* = Latitude/Longitude, Northing/Easting (State Plane or UTM), and Surface Elevation are estimated unless specified in the report to have been surveyed.

August Mack ENVIRONMENTAL

SB-19/MW-10

Project Number:	JY2380.372	Date Drilled:	10/15/2024
Project Name:	MSC Canfield	Personnel:	A. Crane
Site Address:	460 W Main Street	Driller:	Envirocore
City, State:	Canfield, OH	Driller License:	Not Applicable (NA)
Boring Location:	West of forest road near sump	Drilling Method:	Direct-push Dual Tube
Latitude/Northing*:	500683.7900	Longitude/Easting*:	2443747.5470
Surface Elevation:	1129.01	GW Sample Method:	Peristaltic/Low Flow

Depth (ft.)	Soil Type	Lithology Description	% Recovery	PID (ppm)/pH Probe	Screen Interval	Soil Sample Interval	Comments
0	CLAYEY SILT	10YR 4/4, firm, moist, low plasticity, few gravel					START: 0909
1		10YR 6/8, stiff		0.0/ 6.66			Organic material (0-0.5')
2			80				
3				0.0/ 6.12			
4							
5				0.0/ 6.95			
6		10YR 5/6, very stiff	100				Soil sample SB-19-6-8 collected at 0915
7				0.0/ 7.27			
8		10YR 5/1, stiff					
9				0.0/ 6.91			
10		No gravel	100				
11	SILTY CLAY	10YR 4/1, stiff, moist, low plasticity, few gravel		0.2/ 6.92			
12							
13				0.0/ 6.96			
14			95				Soil sample SB-19-14-16 collected at 0925
15		Firm, no gravel		0.2/ 7.64			
16		Increasing moisture					
17		Decreasing moisture		0.2/ 7.89			
18	CLAYEY SAND	10YR 4/1, dense, wet, fine grained, poorly graded, with silt	80				Monitoring Well MW-10 installed (18-28')
19	LEAN CLAY	10YR 5/1, firm, moist, medium plasticity, with silt		0.3/ 7.38			
20							

* = Latitude/Longitude, Northing/Easting (State Plane or UTM), and Surface Elevation are estimated unless specified in the report to have been surveyed.

August Mack ENVIRONMENTAL	Project Number: JY2380.372	Date Drilled:	10/15/2024
	Project Name: MSC Canfield	Personnel:	A. Crane
	Site Address: 460 W Main Street	Driller:	Envirocore
	City, State: Canfield, OH	Driller License:	Not Applicable (NA)
	Boring Location: West of forest road near sump	Drilling Method:	Direct-push Dual Tube
SB-19/MW-10	Latitude/Northing*: 500683.7900	Longitude/Easting*:	2443747.5470
	Surface Elevation: 1129.01	GW Sample Method:	Peristaltic/Low Flow

Depth (ft.)	Soil Type	Lithology Description	% Recovery	PID (ppm)/pH Probe	Screen Interval	Soil Sample Interval	Comments
20							
21	CLAYEY SAND	10YR 4/1, dense, wet, fine grained, poorly graded, with silt	100	0.0/ 7.72			Grab groundwater sample SB-19-GW-18-28 collected at 1238 (10/16/24)
22							
23		10YR 5/1, stiff, moist, low plasticity, few sand		0.4/ 7.65			
24	CLAYEY SILT	10YR 4/1					
25				0.1/ 7.98			
26			55				
27				0.2/ 7.74			
28							End of boring at 28' (0941)

* = Latitude/Longitude, Northing/Easting (State Plane or UTM), and Surface Elevation are estimated unless specified in the report to have been surveyed.

August Mack ENVIRONMENTAL

SB-20/MW-11

Project Number:	JY2380.372	Date Drilled:	10/15/2024
Project Name:	MSC Canfield	Personnel:	A. Crane
Site Address:	460 W Main Street	Driller:	Envirocore
City, State:	Canfield, OH	Driller License:	Not Applicable (NA)
Boring Location:	East of forest road near sump	Drilling Method:	Direct-push Dual Tube
Latitude/Northing*:	500642.7470	Longitude/Easting*:	2443880.3360
Surface Elevation:	1123.65	GW Sample Method:	Peristaltic/Low Flow

Depth (ft.)	Soil Type	Lithology Description	% Recovery	PID (ppm)/pH Probe	Screen Interval	Soil Sample Interval	Comments
0	CLAYEY SILT	10YR 4/4, firm, moist, low plasticity, few gravel					START: 1256
1		10YR 6/8, stiff		1.8/ 7.55			Organic material (0-0.5')
2			65				
3				1.4/ 7.23			
4							
5			90	1.3/ 7.39			Soil sample SB-20-4-6 collected at 1300
6		10YR 5/6, very stiff					
7				1.4/ 7.27			
8		10YR 5/1, stiff					
9				1.7/ 7.23			
10			75				
11	SILTY CLAY	10YR 5/1, stiff, moist, low plasticity		0.7/ 7.36			
12							
13				1.0/ 7.36			
14		Firm, few sand	45				Soil sample SB-20-14-16 collected at 1320
15				1.8/ 7.35			Monitoring Well MW-11 installed (14-24')
16	CLAYEY SAND	10YR 4/1, dense, moist, fine grained, poorly graded, with silt					
17	SAND	10YR 4/1, dense, wet, fine grained, poorly graded, with silt		2.2/ 7.38			Grab groundwater sample SB-20-GW-14-24 collected at 1203 (10/16/24)
18			100				
19				2.1/ 7.33			
20							

* = Latitude/Longitude, Northing/Easting (State Plane or UTM), and Surface Elevation are estimated unless specified in the report to have been surveyed.

August Mack ENVIRONMENTAL

SB-20/MW-11

Project Number:	JY2380.372	Date Drilled:	10/15/2024
Project Name:	MSC Canfield	Personnel:	A. Crane
Site Address:	460 W Main Street	Driller:	Envirocore
City, State:	Canfield, OH	Driller License:	Not Applicable (NA)
Boring Location:	East of forest road near sump	Drilling Method:	Direct-push Dual Tube
Latitude/Northing*:	500642.7470	Longitude/Easting*:	2443880.3360
Surface Elevation:	1123.65	GW Sample Method:	Peristaltic/Low Flow

Depth (ft.)	Soil Type	Lithology Description	% Recovery	PID (ppm)/pH Probe	Screen Interval	Soil Sample Interval	Comments
20							
21	**SAND**	10YR4/1, medium dense, wet, fine to medium grained, well graded, with silt	85	2.0/ 7.29			
22							
23	**SILTY CLAY**	10YR 5/1, stiff, moist, low plasticity, few sand		2.5/ 7.31			
24							End of boring at 24' (1332)

* = Latitude/Longitude, Northing/Easting (State Plane or UTM), and Surface Elevation are estimated unless specified in the report to have been surveyed.

August Mack ENVIRONMENTAL	Project Number: JY2380.372	Date Drilled:	10/16/2024
	Project Name: MSC Canfield	Personnel:	A. Crane
	Site Address: 460 W Main Street	Driller:	Envirocore
	City, State: Canfield, OH	Driller License:	Not Applicable (NA)
	Boring Location: South of Building 2	Drilling Method:	Direct-push Dual Tube
SB-21	Latitude/Northing*: 500370.9990	Longitude/Easting*:	2443960.7420
	Surface Elevation: 1133.61	GW Sample Method:	Peristaltic Pump

Depth (ft.)	Soil Type	Lithology Description	% Recovery	PID (ppm)/pH Probe	Screen Interval	Soil Sample Interval	Comments
0	CONCRETE						START: 0928
1	GRAVEL	10YR 4/1, dense, moist, fine grained, poorly graded, with silt		0.7/ 9.84			
2	SILTY CLAY	10YR 4/1, firm, moist, low plasticity, few gravel	40				
3				0.6/ 8.43			
4		10YR 4/2					
5				1.2/ 6.47			
6	CLAYEY SILT	10YR 5/6, very stiff, moist, low plasticity	40				
7				1.1/ 6.84			
8		Few gravel					
9				1.0/ 7.33			
10			100				
11				1.0/ 7.62			
12		10YR 5/8, stiff, no gravel					Soil sample SB-21-12-14 collected at 0949
13				1.0/ 7.92			
14			100				
15				0.7/ 7.75			
16	SILTY CLAY	10YR 5/8, firm, moist, low plasticity					Soil sample SB-21-16-18 collected at 0955
17	CLAYEY SILT	10YR 4/2, stiff, moist, low plasticity		0.2/ 7.98			
18	CLAYEY SAND	10YR 5/6, medium dense, moist, fine grained, poorly graded, with silt	100				
19	SAND	10YR 5/8, dense, wet, fine grained, poorly graded, with stil		0.8/ 7.95			
20							

* = Latitude/Longitude, Northing/Easting (State Plane or UTM), and Surface Elevation are estimated unless specified in the report to have been surveyed.

August Mack ENVIRONMENTAL

SB-21

Project Number:	JY2380.372	Date Drilled:	10/16/2024
Project Name:	MSC Canfield	Personnel:	A. Crane
Site Address:	460 W Main Street	Driller:	Envirocore
City, State:	Canfield, OH	Driller License:	Not Applicable (NA)
Boring Location:	South of Building 2	Drilling Method:	Direct-push Dual Tube
Latitude/Northing*:	500370.9990	Longitude/Easting*:	2443960.7420
Surface Elevation:	1133.61	GW Sample Method:	Peristaltic Pump

Depth (ft.)	Soil Type	Lithology Description	% Recovery	PID (ppm)/pH Probe	Screen Interval	Soil Sample Interval	Comments
20							
21	CLAYEY SILT	10YR 5/1, very stiff, moist, low plasticity, few sand		0.8/ 8.14			Grab groundwater sample SB-21-GW-18-28 collected at 0950 (10/17/24)
22			100				
23	CLAYEY SAND	10YR 5/1, dense, wet, fine grained, poorly graded, with silt		1.0/ 8.10			
24							
25				1.0/ 7.99			
26			100				
27	LEAN CLAY	10YR 5/1, stiff, moist, medium plasticity, few sand		1.6/ 7.70			
28							End of boring at 28' (0957)

* = Latitude/Longitude, Northing/Easting (State Plane or UTM), and Surface Elevation are estimated unless specified in the report to have been surveyed.

August Mack ENVIRONMENTAL

SB-22

Project Number:	JY2380.372	Date Drilled:	10/17/2024
Project Name:	MSC Canfield	Personnel:	A. Crane
Site Address:	460 W Main Street	Driller:	Envirocore
City, State:	Canfield, OH	Driller License:	Not Applicable (NA)
Boring Location:	North of manhole (yellow)	Drilling Method:	Direct-push Dual Tube
Latitude/Northing*:	500272.9060	Longitude/Easting*:	2443987.9990
Surface Elevation:	1135.24	GW Sample Method:	Peristaltic Pump

Depth (ft.)	Soil Type	Lithology Description	% Recovery	PID (ppm)/pH Probe	Screen Interval	Soil Sample Interval	Comments
0	CONCRETE						START: 1525
1	GRAVEL	10YR 4/1, dense, moist, fine grained, poorly graded, with silt	65	0.7/ 10.94			Fill material (0-2')
2							Asphalt fragments (0.75-2')
3	SILTY CLAY	10YR 4/1, soft, moist, low plasticity, few gravel		0.9/ 7.87			
4		10YR 5/2, firm, no gravel					Soil sample SB-22-4-6 collected at 1531
5				0.9/ 7.88			
6		10YR 5/8, very stiff	85				
7				0.9/ 7.58			
8	CLAYEY SILT	Few gravel					
9				0.7/ 7.63			
10			100				
11				0.7/ 7.72			
12	SILTY CLAY	10YR 5/8, stiff, moist, low plasticity, few gravel					Soil sample SB-22-12-14 collected at 1540
13				1.0/ 7.45			Black staining (13')
14			100				
15				0.8/ 7.77			
16	CLAYEY SILT	10YR 4/2, stiff, moist, low plasticity					
17				1.9/ 7.60			
18	CLAYEY SAND	10YR 5/6, medium dense, moist, fine grained, poorly graded, with silt	100				Soil sample SB-22-18-20 collected at 1552
19	LEAN CLAY	10YR 5/1, stiff, moist, medium plasticity, with silt		1.6/ 7.64			
20							

* = Latitude/Longitude, Northing/Easting (State Plane or UTM), and Surface Elevation are estimated unless specified in the report to have been surveyed.

August Mack ENVIRONMENTAL

SB-22

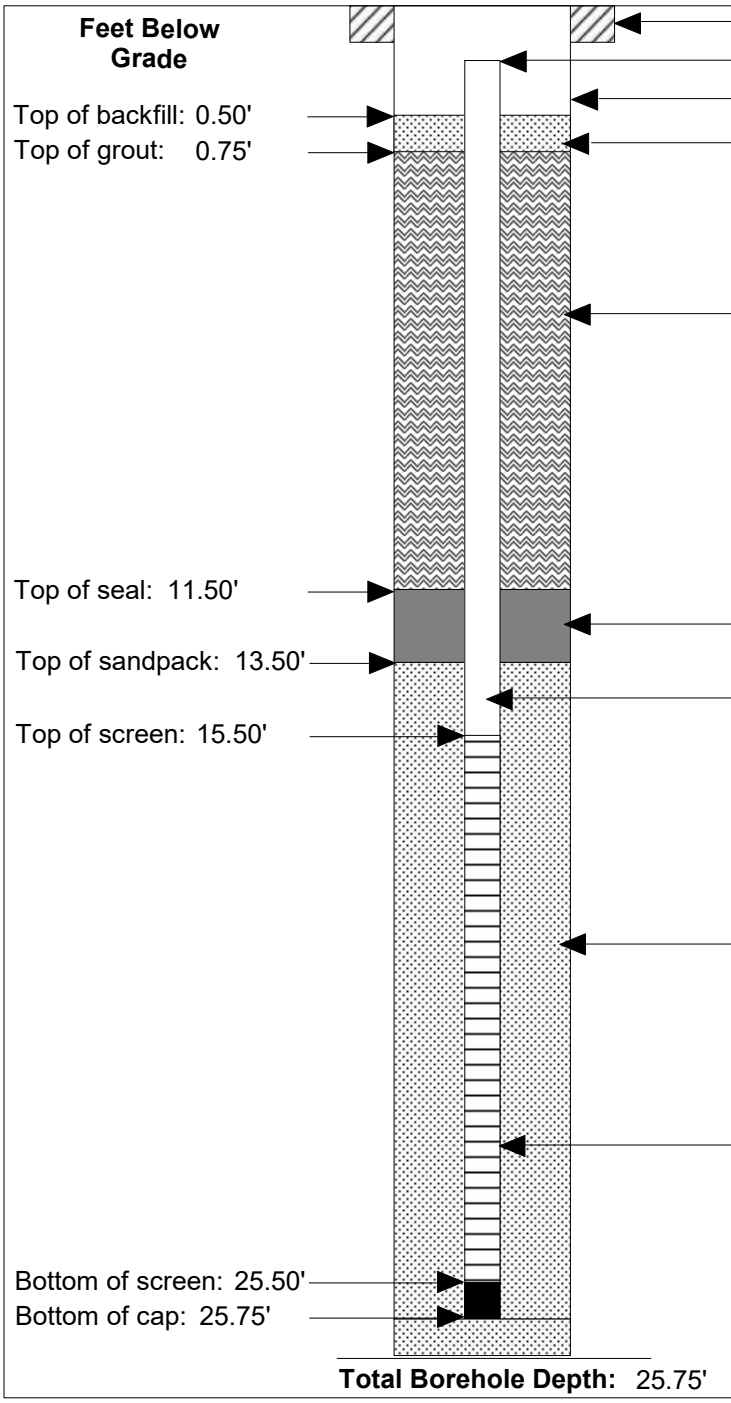
Project Number:	JY2380.372	Date Drilled:	10/17/2024
Project Name:	MSC Canfield	Personnel:	A. Crane
Site Address:	460 W Main Street	Driller:	Envirocore
City, State:	Canfield, OH	Driller License:	Not Applicable (NA)
Boring Location:	North of manhole (yellow)	Drilling Method:	Direct-push Dual Tube
Latitude/Northing*:	500272.9060	Longitude/Easting*:	2443987.9990
Surface Elevation:	1135.24	GW Sample Method:	Peristaltic Pump

Depth (ft.)	Soil Type	Lithology Description	% Recovery	PID (ppm)/pH Probe	Screen Interval	Soil Sample Interval	Comments
20	CLAYEY SAND	10YR 5/6, dense, wet, medium grained, poorly graded, with silt					Grab groundwater sample SB-22-GW-18-28 collected at 1300 (10/17/24)
21	SAND	10YR 5/6, dense, wet, medium grained, with silt		1.9/ 7.72			
22	CLAYEY SAND	10YR 5/6, dense, wet, fine to medium grained, well graded, with silt	95				
23	SAND	10YR 5/6, dense, wet, fine to medium grained, well graded, with silt		1.6/ 7.65			
24	SILTY CLAY	10YR 5/1, firm, moist, low plasticity, with sand					
25				1.6/ 7.63			
26	LEAN CLAY	10YR 5/1, stiff, moist, medium plasticity, few sand	85				
27				1.9/ 7.76			
28							End of boring at 28' (1634)

* = Latitude/Longitude, Northing/Easting (State Plane or UTM), and Surface Elevation are estimated unless specified in the report to have been surveyed.

August Mack Environmental	Project Number:	JY2380.372	Date Installed:	10/30/2024
	Project Name:	Material Sciences Corporation	Personnel:	A. Crane
	Site Address:	460 West Main Street	Driller:	Envirocore
	City, State:	Canfield, Ohio	Drilling License:	Not Provided
	Well Location:	Front of facility loading bays	Drilling Method:	Hollow Stem Auger (HAS)
MW-1	Northing*:	499600.133	Easting*:	2444062.776
	Surveyed Vault Elevation:	1140.28	Borehole Diameter:	8.25"
	Surveyed Surface Elevation:	1140.28	T.O.C. Elevation:	1139.93

Well Construction Diagram



Well Construction Details

Concrete Surface Seal

Top of Casing

Protective Flush Mount Cover

Annular Space Backfill:
Type: *#5 Washed Quartz Sand*
Installation: *Gravity Poured*

Annular Space Grout:
Type: *Bentonite Chips*
Installation: *Gravity Poured*

Monitoring Well Seal:
Type: *Hydrated Bentonite Chips*
Installation: *Gravity Poured*

Monitoring Well Riser Pipe:
Type: *S40 PVC*
Inner Diameter (inches): *2"*
Length (feet): *15.25'*
Joint Type: *Threaded*

Monitoring Well Screen Filter:
Type: *#5 Washed Quartz Sand*
Installation: *Gravity Poured*

Monitoring Well Screen:
Type: *S40 PVC*
Inner Diameter (inches): *2"*
Slot Size (inches): *0.01"*
Length (feet): *10.00'*
Cap Length (feet): *0.25'*

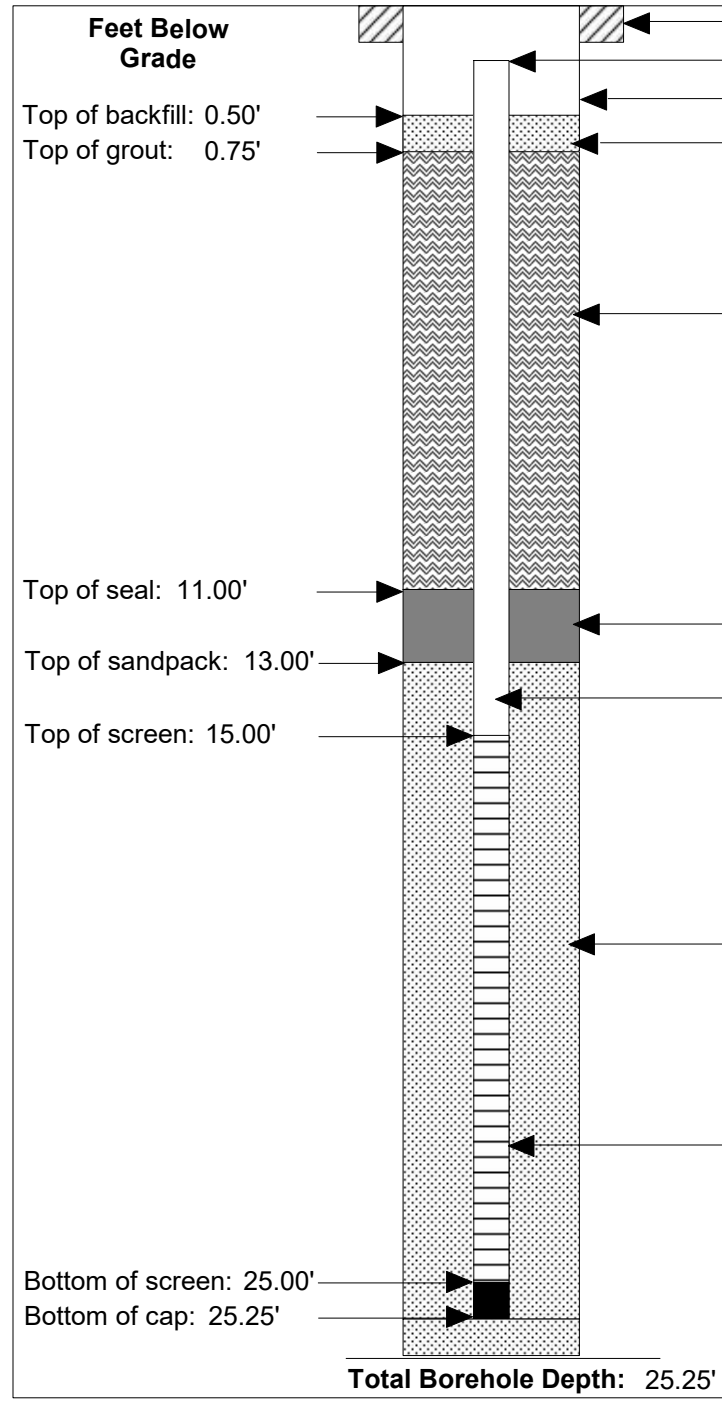
* = Northing and Easting (State Plane or UTM) are estimated, unless specified in the report to have been surveyed.

August Mack ENVIRONMENTAL

MW-2

Project Number:	JY2380.372	Date Installed:	10/29/2024
Project Name:	Material Sciences Corporation	Personnel:	A. Crane
Site Address:	460 West Main Street	Driller:	Envirocore
City, State:	Canfield, Ohio	Drilling License:	Not Provided
Well Location:	West side of access road	Drilling Method:	Hollow Stem Auger (HAS)
Northing*:	499804.370	Easting*:	2443981.034
Surveyed Vault Elevation:	1138.26	Borehole Diameter:	8.25"
Surveyed Surface Elevation:	1138.34	T.O.C. Elevation:	1137.76

Well Construction Diagram



Well Construction Details

Concrete Surface Seal

Top of Casing

Protective Flush Mount Cover

Annular Space Backfill:
Type: *#5 Washed Quartz Sand*
Installation: *Gravity Poured*

Annular Space Grout:
Type: *Bentonite Chips*
Installation: *Gravity Poured*

Monitoring Well Seal:
Type: *Hydrated Bentonite Chips*
Installation: *Gravity Poured*

Monitoring Well Riser Pipe:
Type: *S40 PVC*
Inner Diameter (inches): *2"*
Length (feet): *14.75'*
Joint Type: *Threaded*

Monitoring Well Screen Filter:
Type: *#5 Washed Quartz Sand*
Installation: *Gravity Poured*

Monitoring Well Screen:
Type: *S40 PVC*
Inner Diameter (inches): *2"*
Slot Size (inches): *0.01"*
Length (feet): *10.00'*
Cap Length (feet): *0.25'*

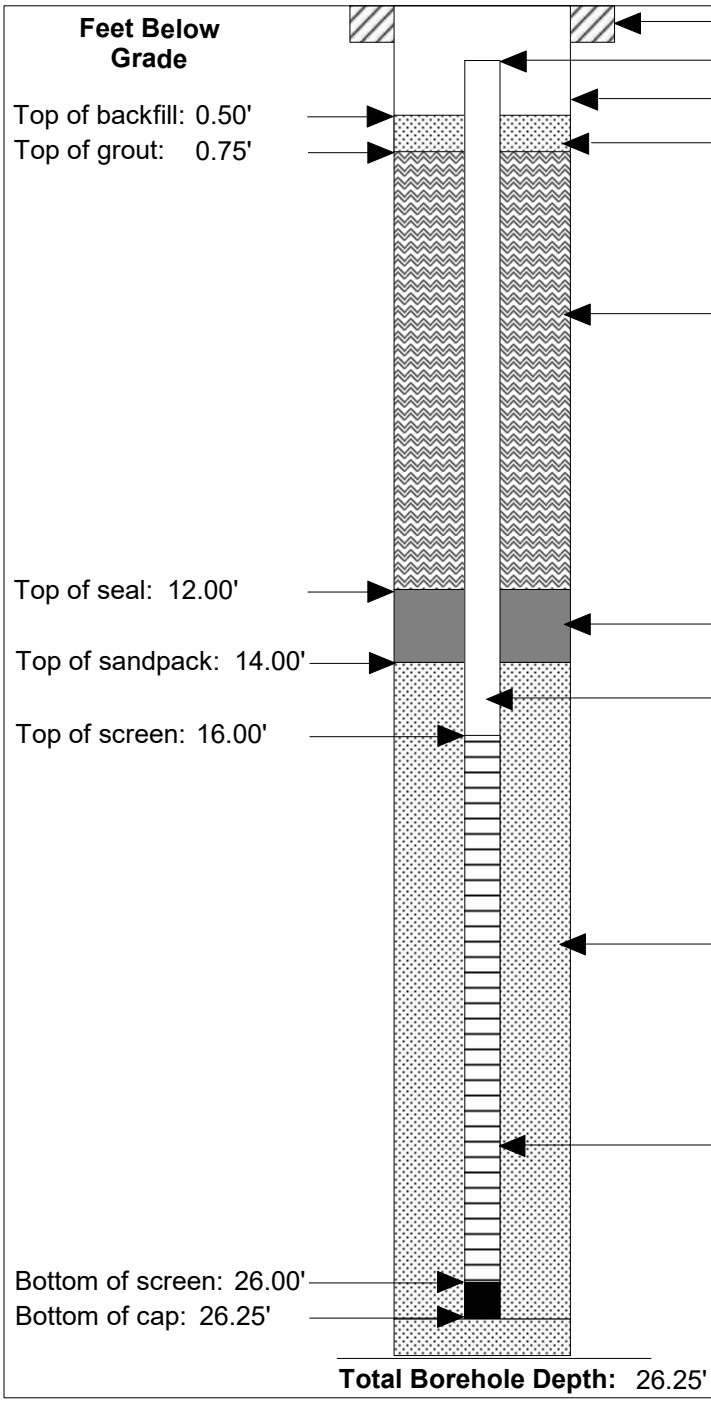
* = Northing and Easting (State Plane or UTM) are estimated, unless specified in the report to have been surveyed.

August Mack ENVIRONMENTAL

MW-3

Project Number:	JY2380.372	Date Installed:	10/24/2024
Project Name:	Material Sciences Corporation	Personnel:	A. Crane
Site Address:	460 West Main Street	Driller:	Envirocore
City, State:	Canfield, Ohio	Drilling License:	Not Provided
Well Location:	North of main bld door 8	Drilling Method:	Hollow Stem Auger (HAS)
Northing*:	500222.348	Easting*:	2444115.134
Surveyed Vault Elevation:	1134.97	Borehole Diameter:	8.25"
Surveyed Surface Elevation:	1135.04	T.O.C. Elevation:	1134.49

Well Construction Diagram



Well Construction Details

Concrete Surface Seal

Top of Casing

Protective Flush Mount Cover

Annular Space Backfill:
Type: *#5 Washed Quartz Sand*
Installation: *Gravity Poured*

Annular Space Grout:
Type: *Bentonite Chips*
Installation: *Gravity Poured*

Monitoring Well Seal:
Type: *Hydrated Bentonite Chips*
Installation: *Gravity Poured*

Monitoring Well Riser Pipe:
Type: *S40 PVC*
Inner Diameter (inches): *2"*
Length (feet): *15.75'*
Joint Type: *Threaded*

Monitoring Well Screen Filter:
Type: *#5 Washed Quartz Sand*
Installation: *Gravity Poured*

Monitoring Well Screen:
Type: *S40 PVC*
Inner Diameter (inches): *2"*
Slot Size (inches): *0.01"*
Length (feet): *10.00'*
Cap Length (feet): *0.25'*

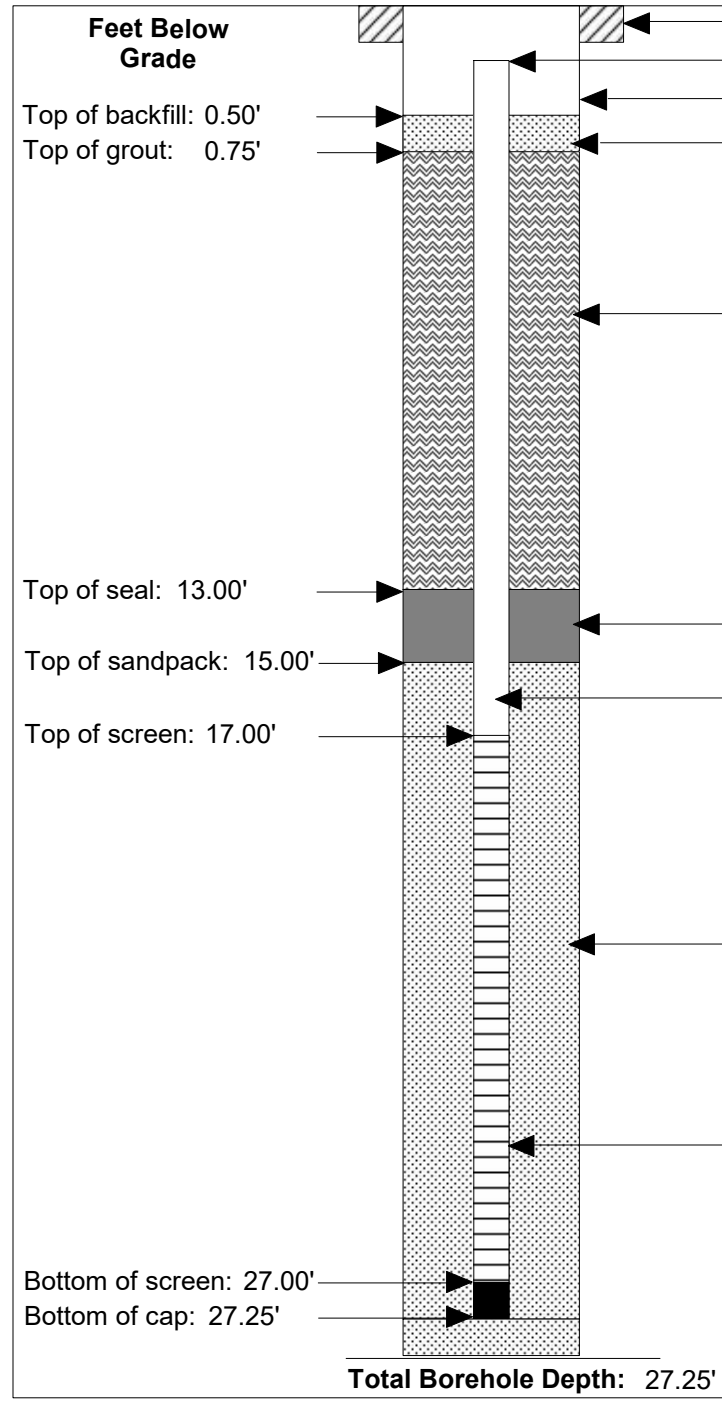
* = Northing and Easting (State Plane or UTM) are estimated, unless specified in the report to have been surveyed.

August Mack ENVIRONMENTAL

MW-4

Project Number:	JY2380.372	Date Installed:	10/30/2024
Project Name:	Material Sciences Corporation	Personnel:	A. Crane
Site Address:	460 West Main Street	Driller:	Envirocore
City, State:	Canfield, Ohio	Drilling License:	Not Provided
Well Location:	West side of access road	Drilling Method:	Hollow Stem Auger (HAS)
Northing*:	500105.135	Easting*:	2443981.337
Surveyed Vault Elevation:	1137.36	Borehole Diameter:	8.25"
Surveyed Surface Elevation:	1137.37	T.O.C. Elevation:	1136.87

Well Construction Diagram



Well Construction Details

Concrete Surface Seal

Top of Casing

Protective Flush Mount Cover

Annular Space Backfill:
Type: *#5 Washed Quartz Sand*
Installation: *Gravity Poured*

Annular Space Grout:
Type: *Bentonite Chips*
Installation: *Gravity Poured*

Monitoring Well Seal:
Type: *Hydrated Bentonite Chips*
Installation: *Gravity Poured*

Monitoring Well Riser Pipe:
Type: *S40 PVC*
Inner Diameter (inches): *2"*
Length (feet): *16.75'*
Joint Type: *Threaded*

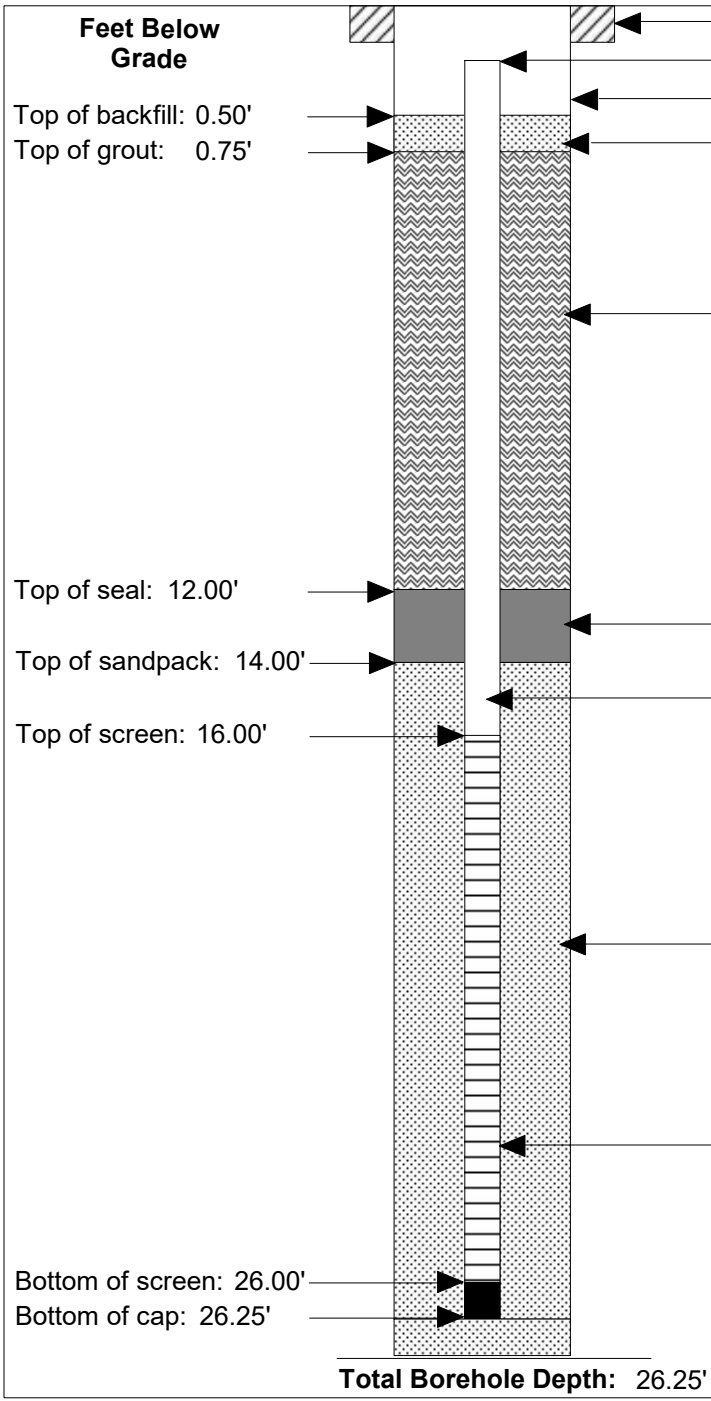
Monitoring Well Screen Filter:
Type: *#5 Washed Quartz Sand*
Installation: *Gravity Poured*

Monitoring Well Screen:
Type: *S40 PVC*
Inner Diameter (inches): *2"*
Slot Size (inches): *0.01"*
Length (feet): *10.00'*
Cap Length (feet): *0.25'*

* = Northing and Easting (State Plane or UTM) are estimated, unless specified in the report to have been surveyed.

August Mack ENVIRONMENTAL	Project Number:	JY2380.372	Date Installed:	10/29/2024
	Project Name:	Material Sciences Corporation	Personnel:	A. Crane
	Site Address:	460 West Main Street	Driller:	Envirocore
	City, State:	Canfield, Ohio	Drilling License:	Not Provided
	Well Location:	North of main building door 9	Drilling Method:	Hollow Stem Auger (HAS)
MW-5	Northing*:	500067.154	Easting*:	2444142.025
	Surveyed Vault Elevation:	1138.55	Borehole Diameter:	8.25"
	Surveyed Surface Elevation:	1138.62	T.O.C. Elevation:	1137.97

Well Construction Diagram



Well Construction Details

Concrete Surface Seal

Top of Casing

Protective Flush Mount Cover

Annular Space Backfill:
Type: *#5 Washed Quartz Sand*
Installation: *Gravity Poured*

Annular Space Grout:
Type: *Bentonite Chips*
Installation: *Gravity Poured*

Monitoring Well Seal:
Type: *Hydrated Bentonite Chips*
Installation: *Gravity Poured*

Monitoring Well Riser Pipe:
Type: *S40 PVC*
Inner Diameter (inches): *2"*
Length (feet): *15.75'*
Joint Type: *Threaded*

Monitoring Well Screen Filter:
Type: *#5 Washed Quartz Sand*
Installation: *Gravity Poured*

Monitoring Well Screen:
Type: *S40 PVC*
Inner Diameter (inches): *2"*
Slot Size (inches): *0.01"*
Length (feet): *10.00'*
Cap Length (feet): *0.25'*

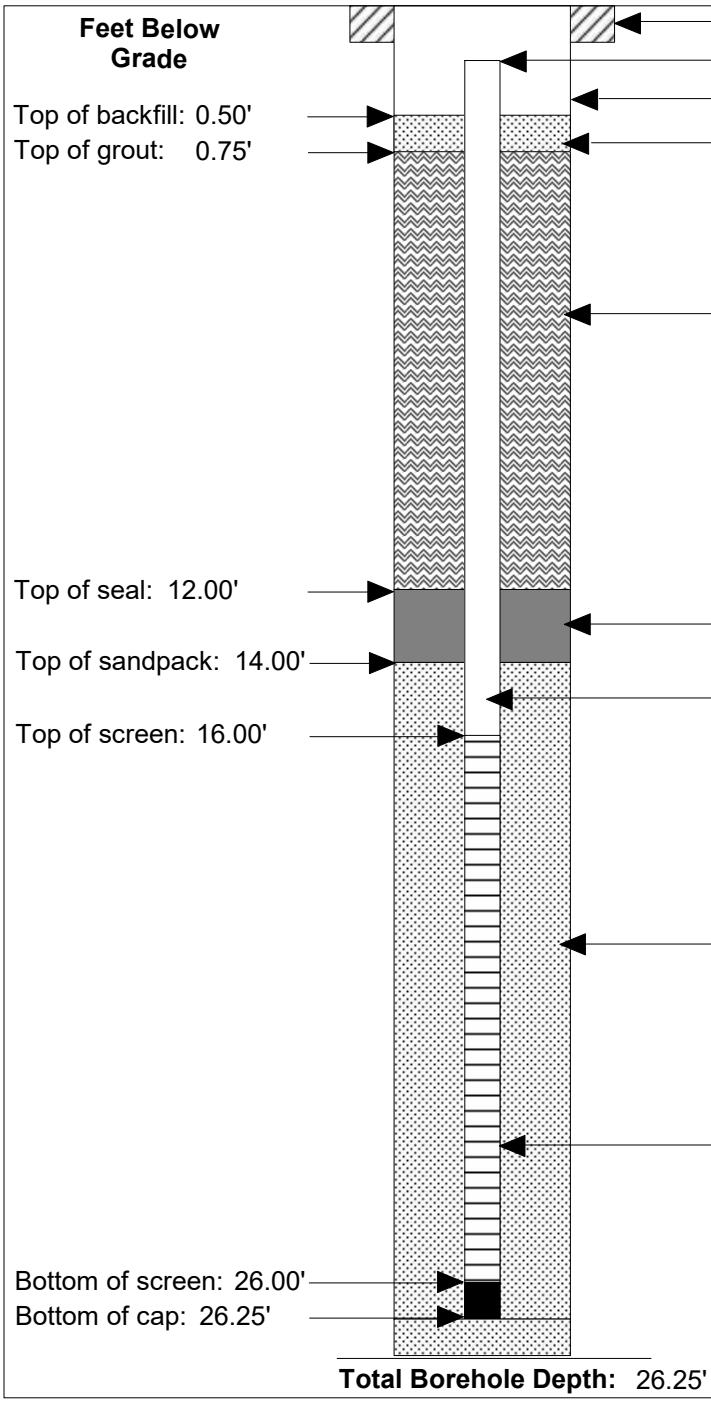
* = Northing and Easting (State Plane or UTM) are estimated, unless specified in the report to have been surveyed.

August Mack ENVIRONMENTAL

MW-6

Project Number:	JY2380.372	Date Installed:	10/28/2024
Project Name:	Material Sciences Corporation	Personnel:	A. Crane
Site Address:	460 West Main Street	Driller:	Envirocore
City, State:	Canfield, Ohio	Drilling License:	Not Provided
Well Location:	Between main bld and bld 2	Drilling Method:	Hollow Stem Auger (HAS)
Northing*:	500275.847	Easting*:	2443863.346
Surveyed Vault Elevation:	1134.90	Borehole Diameter:	8.25"
Surveyed Surface Elevation:	1134.79	T.O.C. Elevation:	1134.80

Well Construction Diagram



Well Construction Details

Concrete Surface Seal

Top of Casing

Protective Flush Mount Cover

Annular Space Backfill:
Type: *#5 Washed Quartz Sand*
Installation: *Gravity Poured*

Annular Space Grout:
Type: *Bentonite Chips*
Installation: *Gravity Poured*

Monitoring Well Seal:
Type: *Hydrated Bentonite Chips*
Installation: *Gravity Poured*

Monitoring Well Riser Pipe:
Type: *S40 PVC*
Inner Diameter (inches): *2"*
Length (feet): *15.75'*
Joint Type: *Threaded*

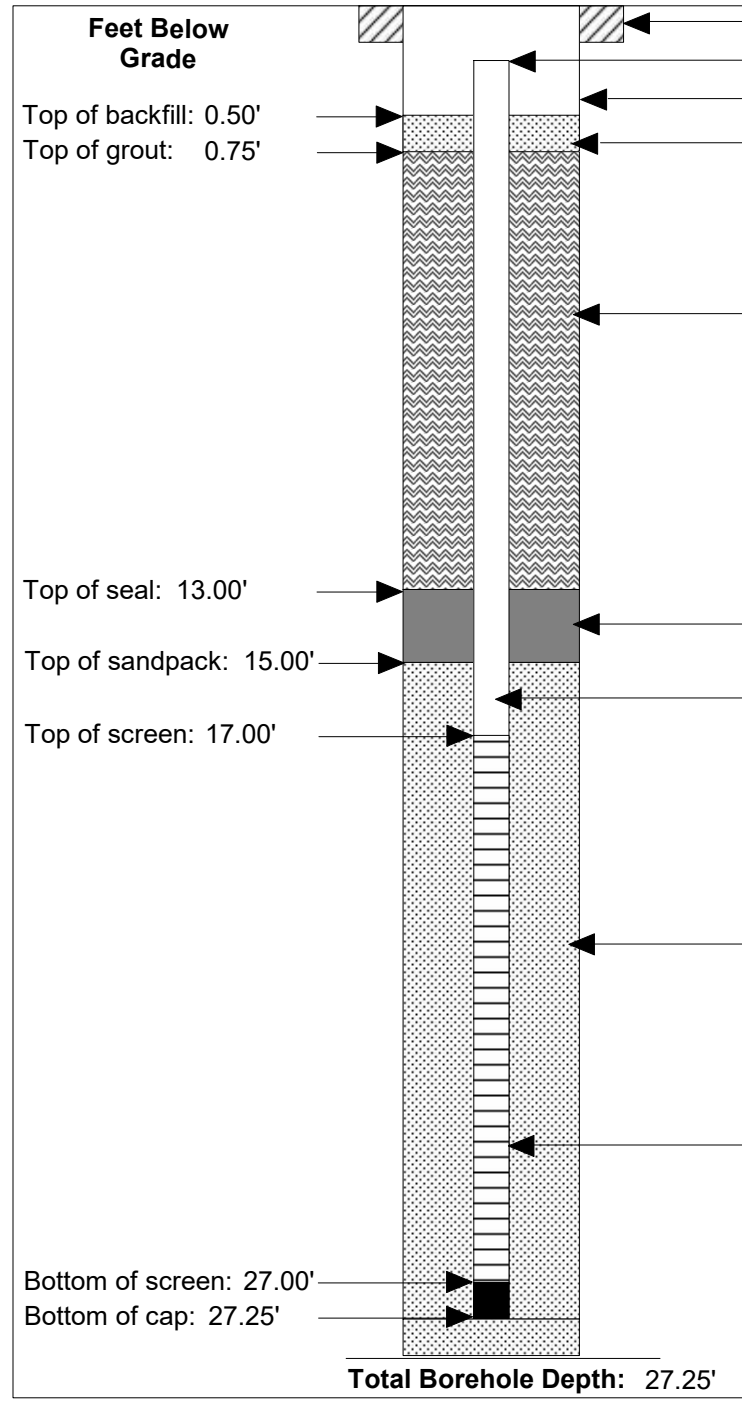
Monitoring Well Screen Filter:
Type: *#5 Washed Quartz Sand*
Installation: *Gravity Poured*

Monitoring Well Screen:
Type: *S40 PVC*
Inner Diameter (inches): *2"*
Slot Size (inches): *0.01"*
Length (feet): *10.00'*
Cap Length (feet): *0.25'*

* = Northing and Easting (State Plane or UTM) are estimated, unless specified in the report to have been surveyed.

August Mack ENVIRONMENTAL	Project Number:	JY2380.372	Date Installed:	10/29/2024
	Project Name:	Material Sciences Corporation	Personnel:	A. Crane
	Site Address:	460 West Main Street	Driller:	Envirocore
	City, State:	Canfield, Ohio	Drilling License:	Not Provided
	Well Location:	North of main bld door 6	Drilling Method:	Hollow Stem Auger (HAS)
MW-7	Northing*:	500268.425	Easting*:	2444054.508
	Surveyed Vault Elevation:	1135.18	Borehole Diameter:	8.25"
	Surveyed Surface Elevation:	1135.18	T.O.C. Elevation:	1134.75

Well Construction Diagram



Well Construction Details

Concrete Surface Seal

Top of Casing

Protective Flush Mount Cover

Annular Space Backfill:
Type: *#5 Washed Quartz Sand*
Installation: *Gravity Poured*

Annular Space Grout:
Type: *Bentonite Chips*
Installation: *Gravity Poured*

Monitoring Well Seal:
Type: *Hydrated Bentonite Chips*
Installation: *Gravity Poured*

Monitoring Well Riser Pipe:
Type: *S40 PVC*
Inner Diameter (inches): *2"*
Length (feet): *16.75'*
Joint Type: *Threaded*

Monitoring Well Screen Filter:
Type: *#5 Washed Quartz Sand*
Installation: *Gravity Poured*

Monitoring Well Screen:
Type: *S40 PVC*
Inner Diameter (inches): *2"*
Slot Size (inches): *0.01"*
Length (feet): *10.00'*
Cap Length (feet): *0.25'*

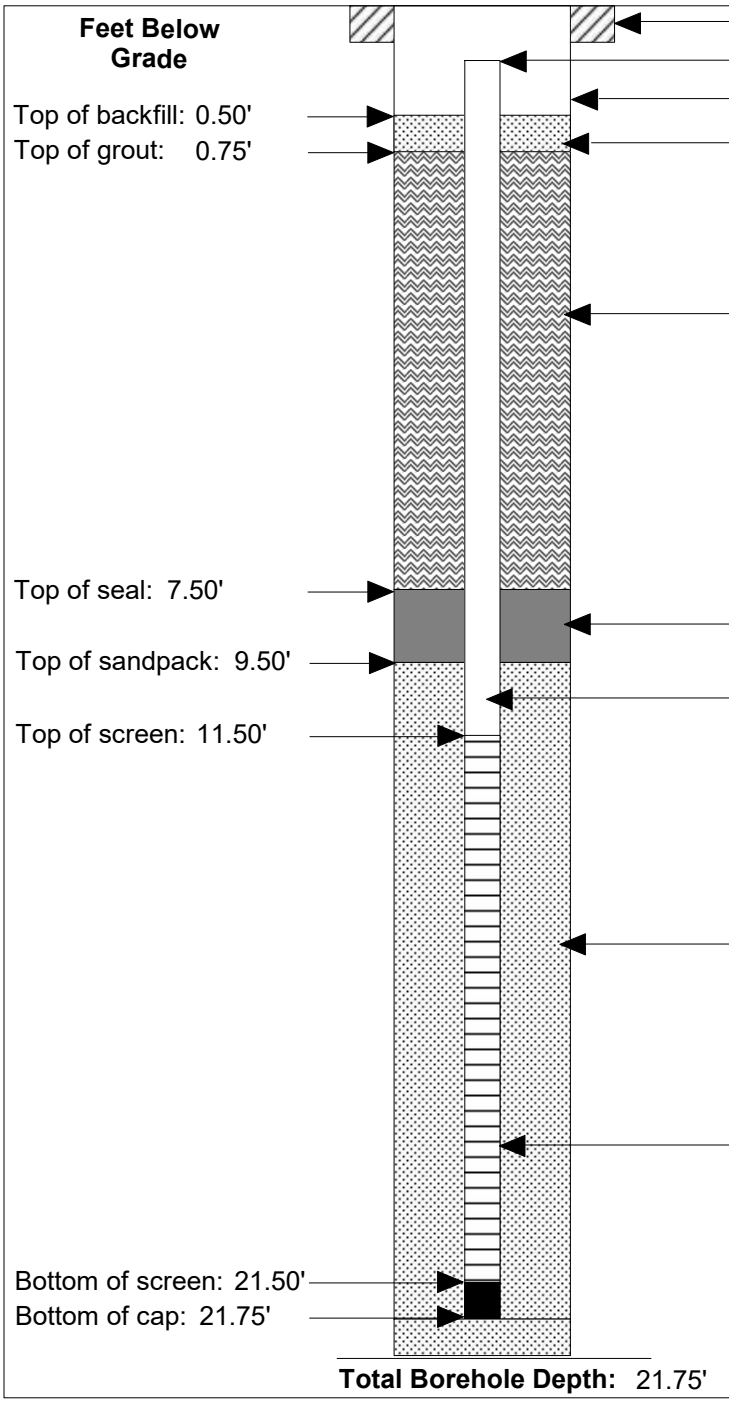
* = Northing and Easting (State Plane or UTM) are estimated, unless specified in the report to have been surveyed.

August Mack ENVIRONMENTAL

MW-8

Project Number:	JY2380.372	Date Installed:	10/23/2024
Project Name:	Material Sciences Corporation	Personnel:	A. Crane
Site Address:	460 West Main Street	Driller:	Envirocore
City, State:	Canfield, Ohio	Drilling License:	Not Provided
Well Location:	West of Building 2	Drilling Method:	Hollow Stem Auger (HAS)
Northing*:	500415.609	Easting*:	2443980.073
Surveyed Vault Elevation:	1132.31	Borehole Diameter:	8.25"
Surveyed Surface Elevation:	1132.35	T.O.C. Elevation:	1131.96

Well Construction Diagram



Well Construction Details

Concrete Surface Seal

Top of Casing

Protective Flush Mount Cover

Annular Space Backfill:
Type: *#5 Washed Quartz Sand*
Installation: *Gravity Poured*

Annular Space Grout:
Type: *Bentonite Chips*
Installation: *Gravity Poured*

Monitoring Well Seal:
Type: *Hydrated Bentonite Chips*
Installation: *Gravity Poured*

Monitoring Well Riser Pipe:
Type: *S40 PVC*
Inner Diameter (inches): *2"*
Length (feet): *11.25'*
Joint Type: *Threaded*

Monitoring Well Screen Filter:
Type: *#5 Washed Quartz Sand*
Installation: *Gravity Poured*

Monitoring Well Screen:
Type: *S40 PVC*
Inner Diameter (inches): *2"*
Slot Size (inches): *0.01"*
Length (feet): *10.00'*
Cap Length (feet): *0.25'*

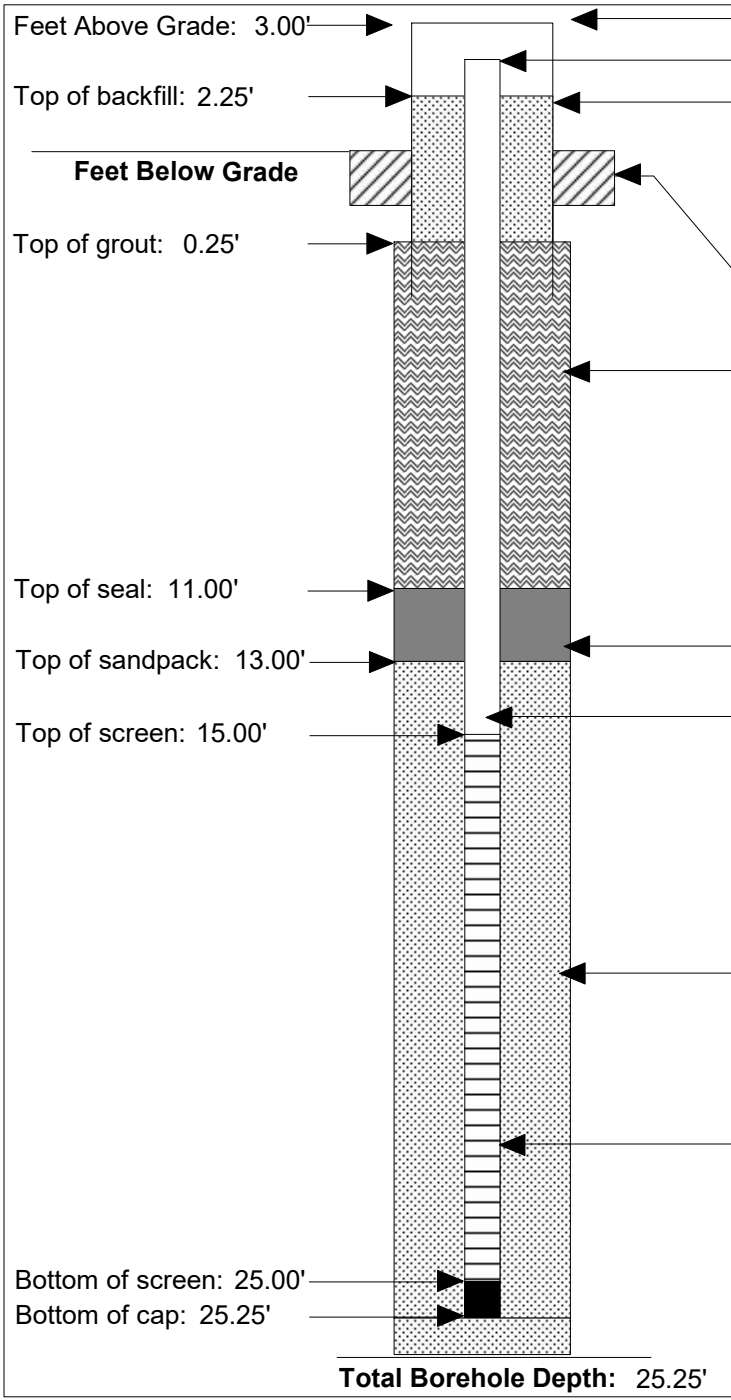
* = Northing and Easting (State Plane or UTM) are estimated, unless specified in the report to have been surveyed.

August Mack ENVIRONMENTAL

MW-9

Project Number:	JY2380.372	Date Installed:	10/25/2024
Project Name:	MSC Canfield	Personnel:	A. Crane
Site Address:	460 West Main Street	Driller:	Envirocore
City, State:	Canfield, Ohio	Drilling License:	Not Applicable (NA)
Well Location:	Northeast of Building 2	Drilling Method:	Hollow Stem Auger (HAS)
Northing*:	500558.648	Easting*:	2443697.738
Surveyed Vault Elevation:	1135.09	Borehole Diameter:	8.25"
Surveyed Surface Elevation:	1132.24	T.O.C. Elevation:	1135.04

Well Construction Diagram



Well Construction Details

Protective Above Ground Cover

Top of Casing

Annular Space Backfill:
Type: *#5 Quartz Washed Sand*
Installation: *Gravity Poured*

Concrete Surface Seal

Annular Space Grout:
Type: *Bentonite Chips*
Installation: *Gravity Poured*

Monitoring Well Seal:
Type: *Hydrated Bentonite Chips*
Installation: *Gravity Poured*

Monitoring Well Riser Pipe:
Type: *S40 PVC*
Inner Diameter (inches): *2"*
Length (feet): *17.75'*
Joint Type: *Threaded*

Monitoring Well Screen Filter:
Type: *#5 Quartz Washed Sand*
Installation: *Gravity Poured*

Monitoring Well Screen:
Type: *S40 PVC*
Inner Diameter (inches): *2"*
Slot Size (inches): *0.01"*
Length (feet): *10.00'*
Cap Length (feet): *0.25'*

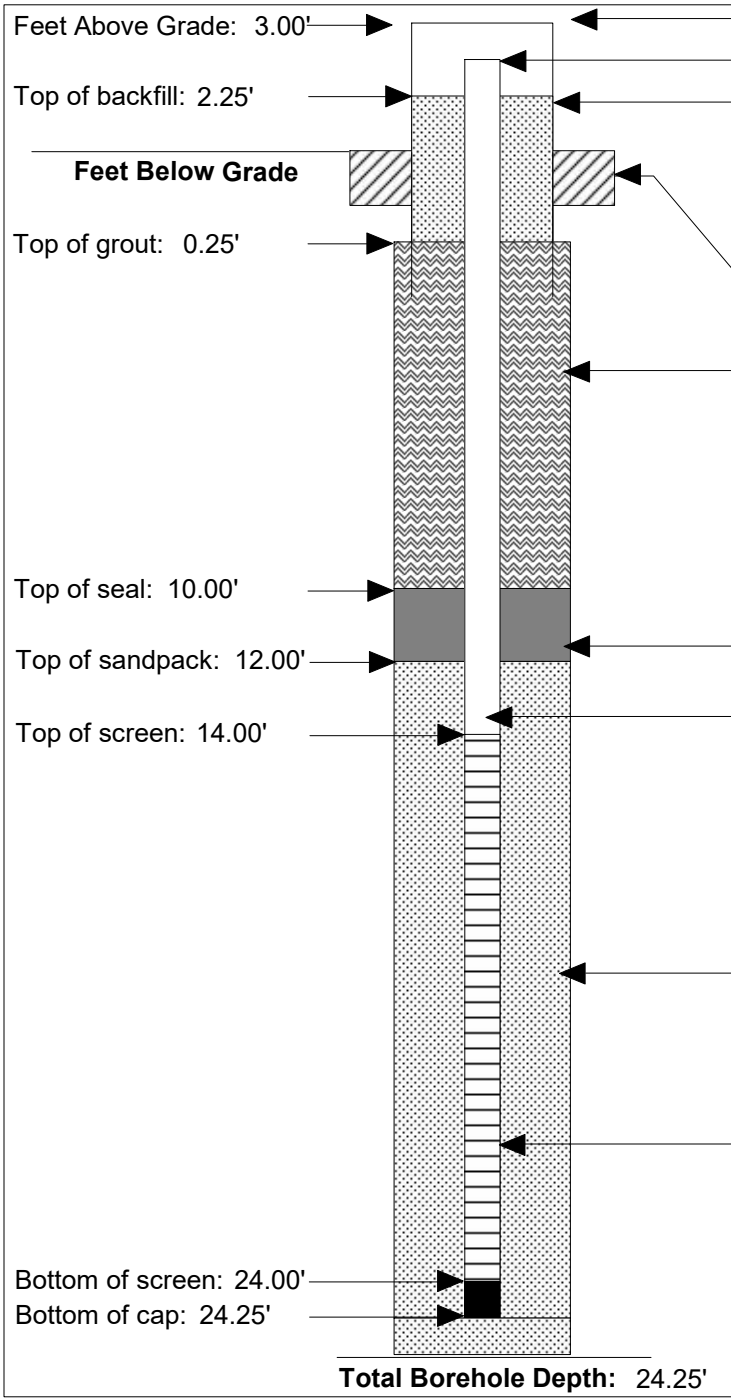
* = Northing and Easting (State Plane and UTM) are estimated, unless specified in the report to have been surveyed.

August Mack ENVIRONMENTAL

MW-10

Project Number:	JY2380.372	Date Installed:	10/25/2024
Project Name:	MSC Canfield	Personnel:	A. Crane
Site Address:	460 West Main Street	Driller:	Envirocore
City, State:	Canfield, Ohio	Drilling License:	Not Applicable (NA)
Well Location:	Northeast of Building 2	Drilling Method:	Hollow Stem Auger (HAS)
Northing*:	500683.790	Easting*:	2443747.547
Surveyed Vault Elevation:	1131.72	Borehole Diameter:	8.25"
Surveyed Surface Elevation:	1129.01	T.O.C. Elevation:	1131.49

Well Construction Diagram



Well Construction Details

Protective Above Ground Cover

Top of Casing

Annular Space Backfill:
Type: *#5 Quartz Washed Sand*
Installation: *Gravity Poured*

Concrete Surface Seal

Annular Space Grout:
Type: *Bentonite Chips*
Installation: *Gravity Poured*

Monitoring Well Seal:
Type: *Hydrated Bentonite Chips*
Installation: *Gravity Poured*

Monitoring Well Riser Pipe:
Type: *S40 PVC*
Inner Diameter (inches): *2"*
Length (feet): *16.75'*
Joint Type: *Threaded*

Monitoring Well Screen Filter:
Type: *#5 Quartz Washed Sand*
Installation: *Gravity Poured*

Monitoring Well Screen:
Type: *S40 PVC*
Inner Diameter (inches): *2"*
Slot Size (inches): *0.01"*
Length (feet): *10.00'*
Cap Length (feet): *0.25'*

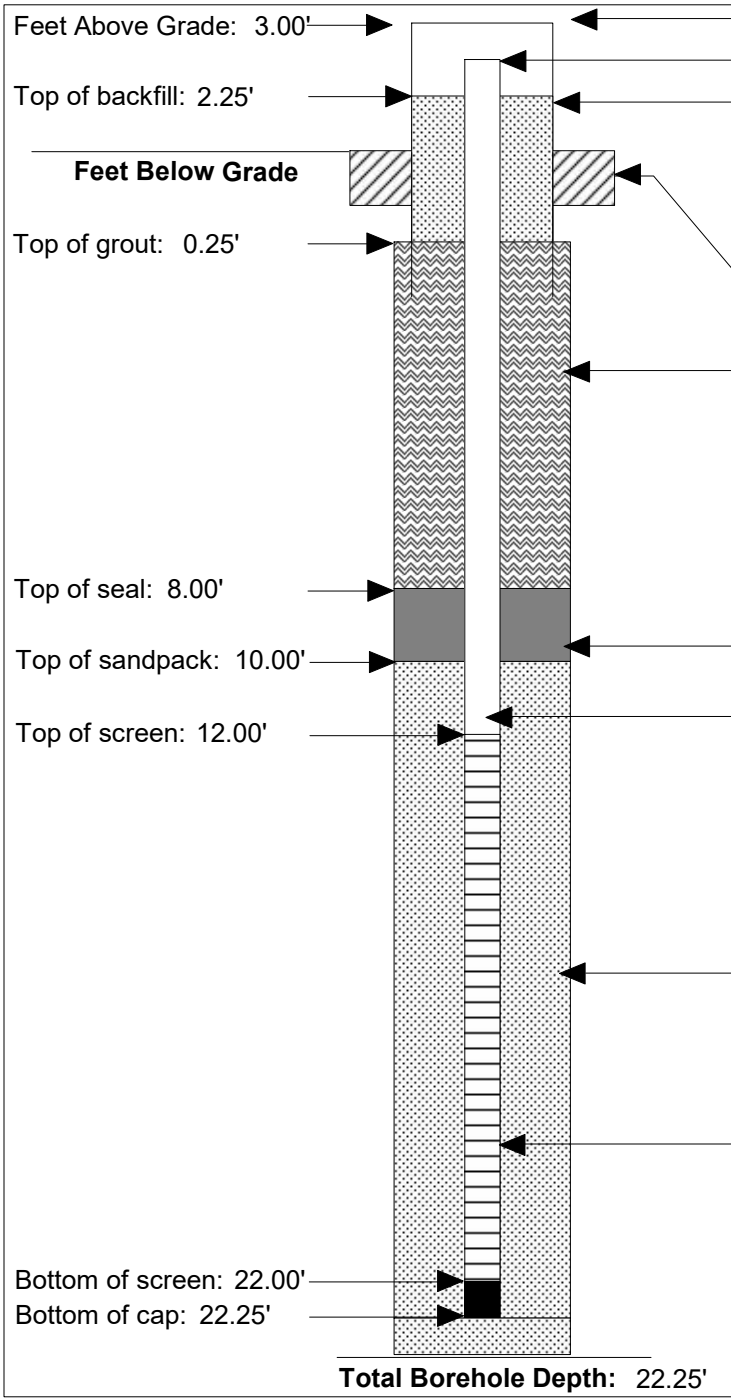
* = Northing and Easting (State Plane and UTM) are estimated, unless specified in the report to have been surveyed.

August Mack ENVIRONMENTAL

MW-11

Project Number:	JY2380.372	Date Installed:	10/23/2024
Project Name:	MSC Canfield	Personnel:	A. Crane
Site Address:	460 West Main Street	Driller:	Envirocore
City, State:	Canfield, Ohio	Drilling License:	Not Applicable (NA)
Well Location:	North of Building 2	Drilling Method:	Hollow Stem Auger (HAS)
Northing*:	500642.747	Easting*:	2443880.336
Surveyed Vault Elevation:	1126.60	Borehole Diameter:	8.25"
Surveyed Surface Elevation:	1123.65	T.O.C. Elevation:	1126.41

Well Construction Diagram



Well Construction Details

Protective Above Ground Cover

Top of Casing

Annular Space Backfill:
Type: *#5 Quartz Washed Sand*
Installation: *Gravity Poured*

Concrete Surface Seal

Annular Space Grout:
Type: *Bentonite Chips*
Installation: *Gravity Poured*

Monitoring Well Seal:
Type: *Hydrated Bentonite Chips*
Installation: *Gravity Poured*

Monitoring Well Riser Pipe:
Type: *S40 PVC*
Inner Diameter (inches): *2"*
Length (feet): *15.00'*
Joint Type: *Threaded*

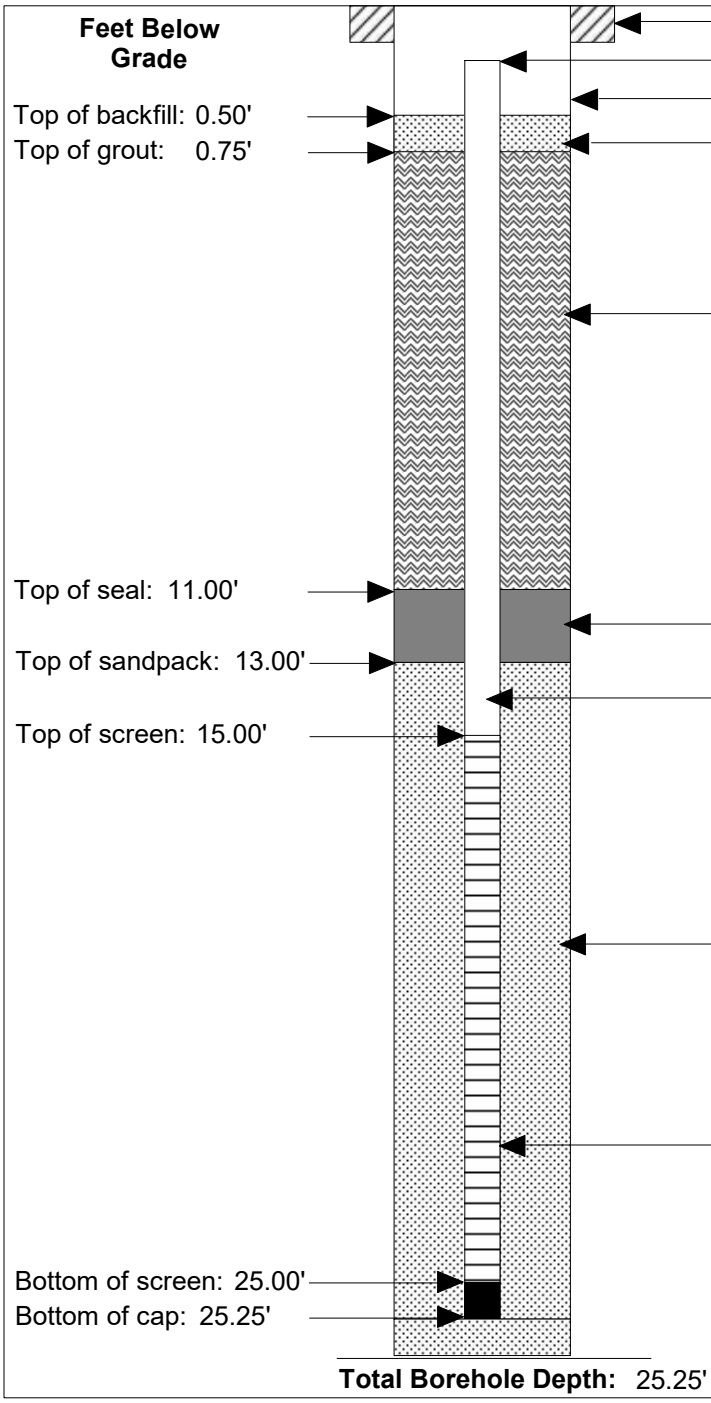
Monitoring Well Screen Filter:
Type: *#5 Quartz Washed Sand*
Installation: *Gravity Poured*

Monitoring Well Screen:
Type: *S40 PVC*
Inner Diameter (inches): *2"*
Slot Size (inches): *0.01"*
Length (feet): *10.00'*
Cap Length (feet): *0.25'*

* = Northing and Easting (State Plane and UTM) are estimated, unless specified in the report to have been surveyed.

August Mack ENVIRONMENTAL	Project Number:	JY2380.372	Date Installed:	10/28/2024
	Project Name:	Material Sciences Corporation	Personnel:	A. Crane
	Site Address:	460 West Main Street	Driller:	Envirocore
	City, State:	Canfield, Ohio	Drilling License:	Not Provided
	Well Location:	South of Building 2	Drilling Method:	Hollow Stem Auger (HAS)
MW-12	Northing*:	500331.905	Easting*:	2443959.126
	Surveyed Vault Elevation:	1134.19	Borehole Diameter:	8.25"
	Surveyed Surface Elevation:	1134.18	T.O.C. Elevation:	1133.91

Well Construction Diagram



Well Construction Details

Concrete Surface Seal

Top of Casing

Protective Flush Mount Cover

Annular Space Backfill:
Type: *#5 Washed Quartz Sand*
Installation: *Gravity Poured*

Annular Space Grout:
Type: *Bentonite Chips*
Installation: *Gravity Poured*

Monitoring Well Seal:
Type: *Hydrated Bentonite Chips*
Installation: *Gravity Poured*

Monitoring Well Riser Pipe:
Type: *S40 PVC*
Inner Diameter (inches): *2"*
Length (feet): *14.75'*
Joint Type: *Threaded*

Monitoring Well Screen Filter:
Type: *#5 Washed Quartz Sand*
Installation: *Gravity Poured*

Monitoring Well Screen:
Type: *S40 PVC*
Inner Diameter (inches): *2"*
Slot Size (inches): *0.01"*
Length (feet): *10.00'*
Cap Length (feet): *0.25'*

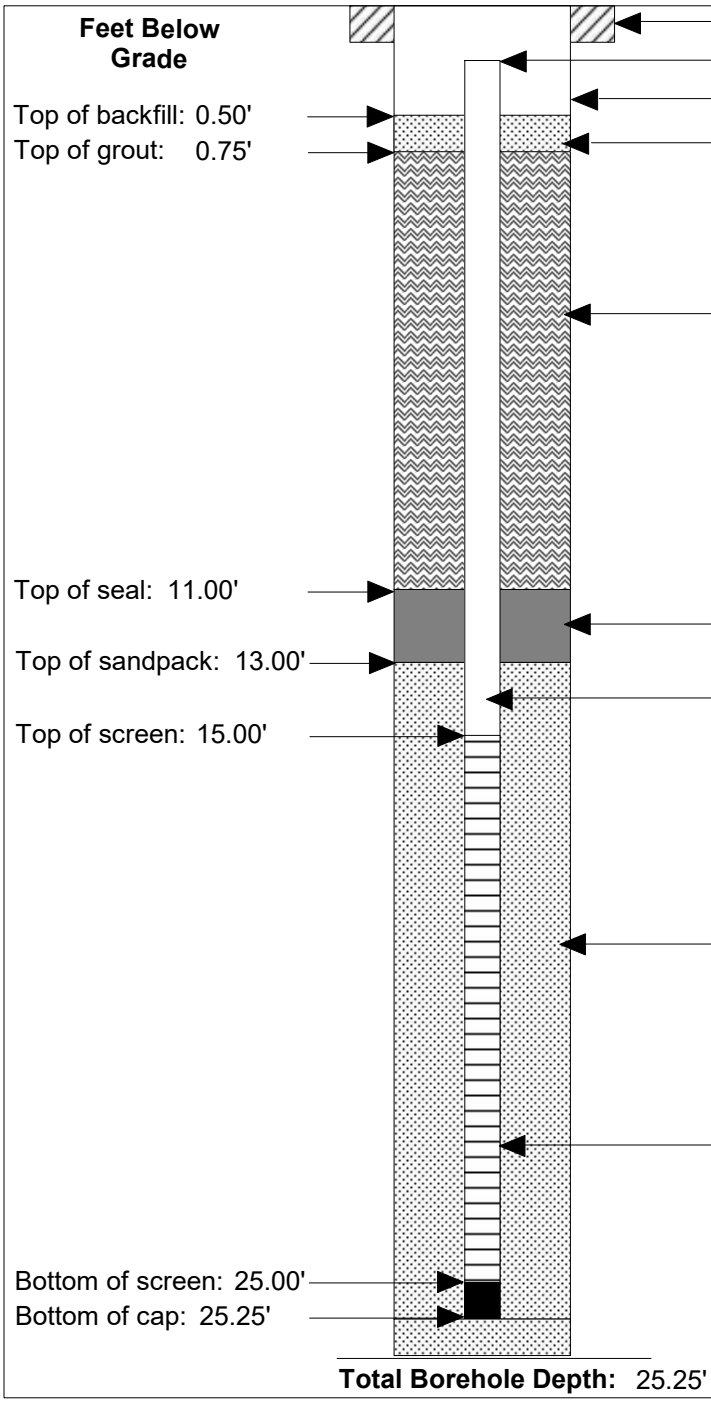
* = Northing and Easting (State Plane or UTM) are estimated, unless specified in the report to have been surveyed.

August Mack ENVIRONMENTAL

MW-13

Project Number:	JY2380.372	Date Installed:	10/23/2024
Project Name:	Material Sciences Corporation	Personnel:	A. Crane
Site Address:	460 West Main Street	Driller:	Envirocore
City, State:	Canfield, Ohio	Drilling License:	Not Provided
Well Location:	North of main building door 7	Drilling Method:	Hollow Stem Auger (HAS)
Northing*:	500297.975	Easting*:	2444056.604
Surveyed Vault Elevation:	1134.65	Borehole Diameter:	8.25"
Surveyed Surface Elevation:	1134.76	T.O.C. Elevation:	1133.93

Well Construction Diagram



Well Construction Details

Concrete Surface Seal

Top of Casing

Protective Flush Mount Cover

Annular Space Backfill:
Type: *#5 Washed Quartz Sand*
Installation: *Gravity Poured*

Annular Space Grout:
Type: *Bentonite Chips*
Installation: *Gravity Poured*

Monitoring Well Seal:
Type: *Hydrated Bentonite Chips*
Installation: *Gravity Poured*

Monitoring Well Riser Pipe:
Type: *S40 PVC*
Inner Diameter (inches): *2"*
Length (feet): *14.75'*
Joint Type: *Threaded*

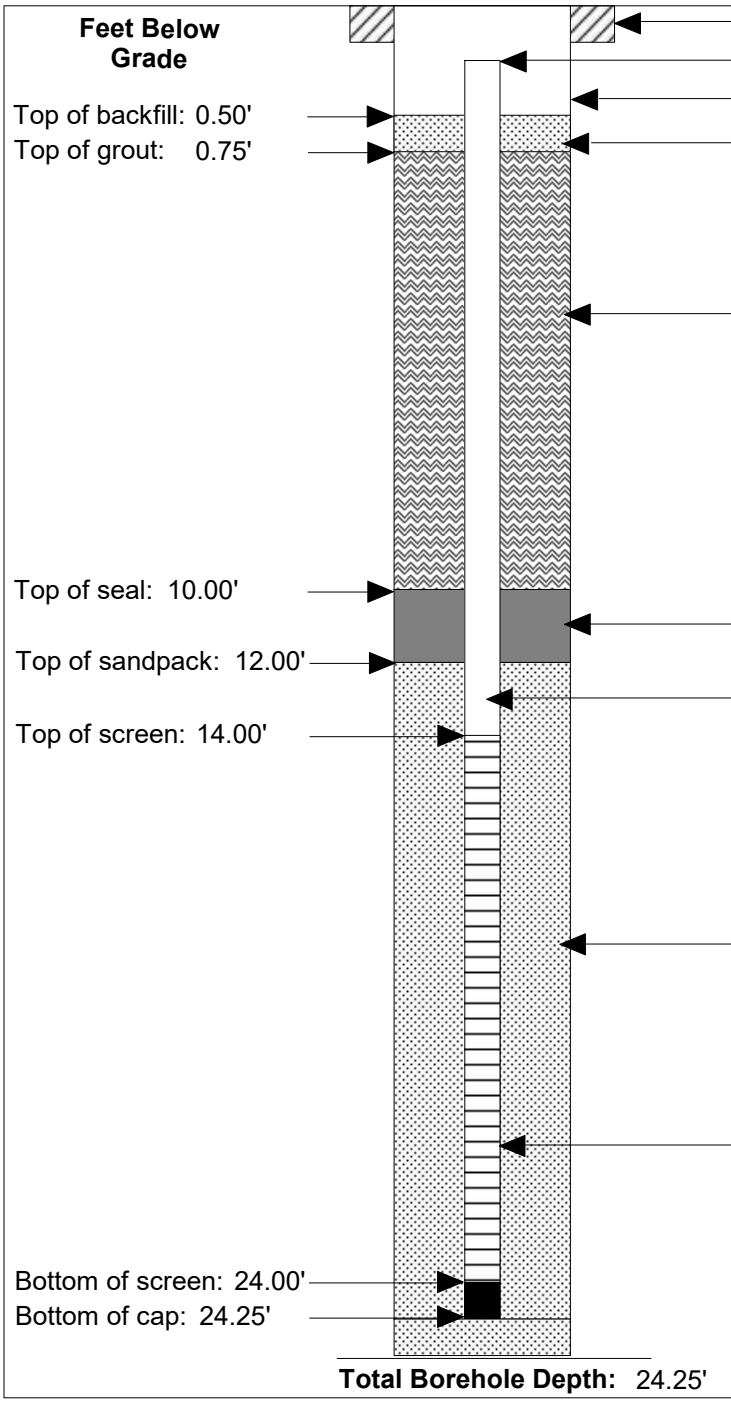
Monitoring Well Screen Filter:
Type: *#5 Washed Quartz Sand*
Installation: *Gravity Poured*

Monitoring Well Screen:
Type: *S40 PVC*
Inner Diameter (inches): *2"*
Slot Size (inches): *0.01"*
Length (feet): *10.00'*
Cap Length (feet): *0.25'*

* = Northing and Easting (State Plane or UTM) are estimated, unless specified in the report to have been surveyed.

August Mack ENVIRONMENTAL	Project Number:	JY2380.372	Date Installed:	10/23/2024
	Project Name:	Material Sciences Corporation	Personnel:	A. Crane
	Site Address:	460 West Main Street	Driller:	Envirocore
	City, State:	Canfield, Ohio	Drilling License:	Not Provided
	Well Location:	Northeast corner of Building 2	Drilling Method:	Hollow Stem Auger (HAS)
MW-14	Northing*:	500517.325	Easting*:	2443904.073
	Surveyed Vault Elevation:	1132.23	Borehole Diameter:	8.25"
	Surveyed Surface Elevation:	1132.24	T.O.C. Elevation:	1131.61

Well Construction Diagram



Well Construction Details

Concrete Surface Seal

Top of Casing

Protective Flush Mount Cover

Annular Space Backfill:
Type: *#5 Washed Quartz Sand*
Installation: *Gravity Poured*

Annular Space Grout:
Type: *Bentonite Chips*
Installation: *Gravity Poured*

Monitoring Well Seal:
Type: *Hydrated Bentonite Chips*
Installation: *Gravity Poured*

Monitoring Well Riser Pipe:
Type: *S40 PVC*
Inner Diameter (inches): *2"*
Length (feet): *13.75'*
Joint Type: *Threaded*

Monitoring Well Screen Filter:
Type: *#5 Washed Quartz Sand*
Installation: *Gravity Poured*

Monitoring Well Screen:
Type: *S40 PVC*
Inner Diameter (inches): *2"*
Slot Size (inches): *0.01"*
Length (feet): *10.00'*
Cap Length (feet): *0.25'*

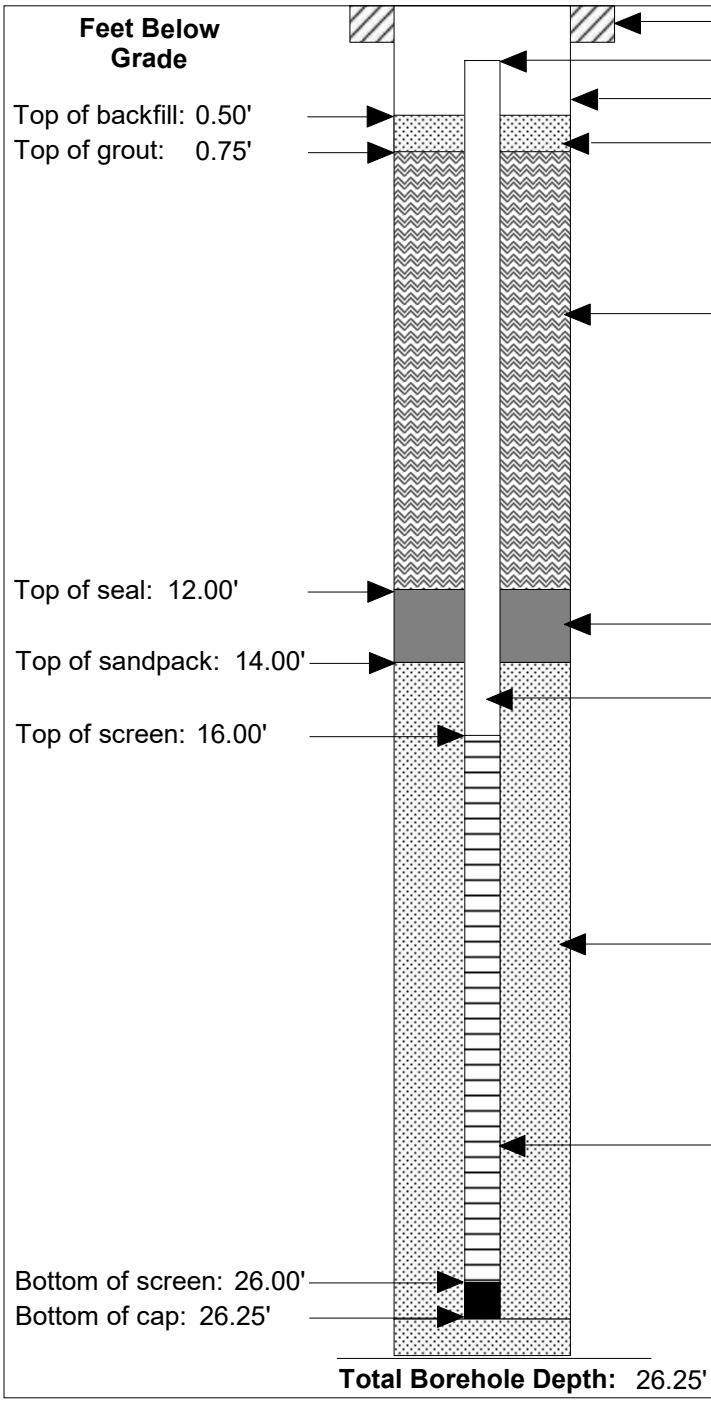
* = Northing and Easting (State Plane or UTM) are estimated, unless specified in the report to have been surveyed.

August Mack ENVIRONMENTAL

MW-15

Project Number:	JY2380.372	Date Installed:	10/24/2024
Project Name:	Material Sciences Corporation	Personnel:	A. Crane
Site Address:	460 West Main Street	Driller:	Envirocore
City, State:	Canfield, Ohio	Drilling License:	Not Provided
Well Location:	North of main building door 9	Drilling Method:	Hollow Stem Auger (HAS)
Northing*:	500150.400	Easting*:	2444145.484
Surveyed Vault Elevation:	1135.97	Borehole Diameter:	8.25"
Surveyed Surface Elevation:	1135.94	T.O.C. Elevation:	1135.47

Well Construction Diagram



Well Construction Details

Concrete Surface Seal

Top of Casing

Protective Flush Mount Cover

Annular Space Backfill:
Type: *#5 Washed Quartz Sand*
Installation: *Gravity Poured*

Annular Space Grout:
Type: *Bentonite Chips*
Installation: *Gravity Poured*

Monitoring Well Seal:
Type: *Hydrated Bentonite Chips*
Installation: *Gravity Poured*

Monitoring Well Riser Pipe:
Type: *S40 PVC*
Inner Diameter (inches): *2"*
Length (feet): *15.75'*
Joint Type: *Threaded*

Monitoring Well Screen Filter:
Type: *#5 Washed Quartz Sand*
Installation: *Gravity Poured*

Monitoring Well Screen:
Type: *S40 PVC*
Inner Diameter (inches): *2"*
Slot Size (inches): *0.01"*
Length (feet): *10.00'*
Cap Length (feet): *0.25'*

* = Northing and Easting (State Plane or UTM) are estimated, unless specified in the report to have been surveyed.

ATTACHMENT C

Laboratory Analytical Reports

eurofins | Environment Testing

ANALYTICAL REPORT

PREPARED FOR

Attn: Mr. Jim Steudler
THG & Associates
623 Washington Street
Meadville, Pennsylvania 16335

Generated 7/30/2024 4:11:20 PM

JOB DESCRIPTION

MSC - DITCH

JOB NUMBER

240-208329-1

Eurofins Cleveland
180 S. Van Buren Avenue
Barberton OH 44203

See page two for job notes and contact information.

my EOL

Job Notes

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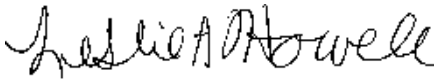
The test results in this report relate only to the samples as received by the laboratory and will meet all requirements of the methodology, with any exceptions noted. This report shall not be reproduced except in full, without the express written approval of the laboratory. All questions should be directed to the Eurofins Environment Testing North Central, LLC Project Manager.

Authorization



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Authorized for release by
Leslie Howell, Project Manager I
Leslie.Howell@et.eurofinsus.com
(330)966-9266

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Definitions/Glossary

Client: THG & Associates
Job ID: 240-208329-1
Project/Site: MSC - DITCH

Qualifiers

Metals

Qualifier	Qualifier Description
F1	MS and/or MSD recovery exceeds control limits.
U	Indicates the analyte was analyzed for but not detected.

General Chemistry

Qualifier	Qualifier Description
HF	Parameter with a holding time of 15 minutes. Test performed by laboratory at client's request. Sample was analyzed outside of hold time.
U	Indicates the analyte was analyzed for but not detected.

Glossary

Abbreviation	These commonly used abbreviations may or may not be present in this report.
¤	Listed under the "D" column to designate that the result is reported on a dry weight basis
%R	Percent Recovery
CFL	Contains Free Liquid
CFU	Colony Forming Unit
CNF	Contains No Free Liquid
DER	Duplicate Error Ratio (normalized absolute difference)
Dil Fac	Dilution Factor
DL	Detection Limit (DoD/DOE)
DL, RA, RE, IN	Indicates a Dilution, Re-analysis, Re-extraction, or additional Initial metals/anion analysis of the sample
DLC	Decision Level Concentration (Radiochemistry)
EDL	Estimated Detection Limit (Dioxin)
LOD	Limit of Detection (DoD/DOE)
LOQ	Limit of Quantitation (DoD/DOE)
MCL	EPA recommended "Maximum Contaminant Level"
MDA	Minimum Detectable Activity (Radiochemistry)
MDC	Minimum Detectable Concentration (Radiochemistry)
MDL	Method Detection Limit
ML	Minimum Level (Dioxin)
MPN	Most Probable Number
MQL	Method Quantitation Limit
NC	Not Calculated
ND	Not Detected at the reporting limit (or MDL or EDL if shown)
NEG	Negative / Absent
POS	Positive / Present
PQL	Practical Quantitation Limit
PRES	Presumptive
QC	Quality Control
RER	Relative Error Ratio (Radiochemistry)
RL	Reporting Limit or Requested Limit (Radiochemistry)
RPD	Relative Percent Difference, a measure of the relative difference between two points
TEF	Toxicity Equivalent Factor (Dioxin)
TEQ	Toxicity Equivalent Quotient (Dioxin)
TNTC	Too Numerous To Count

Job Narrative
240-208329-1

Analytical test results meet all requirements of the associated regulatory program listed on the Accreditation/Certification Summary Page unless otherwise noted under the individual analysis. Data qualifiers and/or narrative comments are included to explain any exceptions, if applicable.

- Matrix QC may not be reported if insufficient sample is provided or site-specific QC samples were not submitted. In these situations, to demonstrate precision and accuracy at a batch level, a LCS/LCSD may be performed, unless otherwise specified in the method.
- Surrogate and/or isotope dilution analyte recoveries (if applicable) which are outside of the QC window are confirmed unless attributed to a dilution or otherwise noted in the narrative.

Regulated compliance samples (e.g. SDWA, NPDES) must comply with the associated agency requirements/permits.

Receipt
The samples were received on 7/25/2024 10:00 AM. Unless otherwise noted below, the samples arrived in good condition, and, where required, properly preserved and on ice. The temperature of the cooler at receipt time was 2.1°C.

Metals
No additional analytical or quality issues were noted, other than those described above or in the Definitions/ Glossary page.

General Chemistry
No additional analytical or quality issues were noted, other than those described above or in the Definitions/ Glossary page.

Method Summary

Client: THG & Associates
Project/Site: MSC - DITCH

Job ID: 240-208329-1

Method	Method Description	Protocol	Laboratory
6010D	Metals (ICP)	SW846	EET CLE
7471B	Mercury (CVAA)	SW846	EET CLE
9012B	Cyanide, Total andor Amenable	SW846	EET CLE
9045D	pH	SW846	EET CLE
Moisture	Percent Moisture	EPA	EET CLE
3050B	Preparation, Metals	SW846	EET CLE
7471B	Preparation, Mercury	SW846	EET CLE
9012B	Cyanide, Total and/or Amenable, Distillation	SW846	EET CLE

Protocol References:

EPA = US Environmental Protection Agency

SW846 = "Test Methods For Evaluating Solid Waste, Physical/Chemical Methods", Third Edition, November 1986 And Its Updates.

Laboratory References:

EET CLE = Eurofins Cleveland, 180 S. Van Buren Avenue, Barberton, OH 44203, TEL (330)497-9396

Sample Summary

Client: THG & Associates
Project/Site: MSC - DITCH

Job ID: 240-208329-1

Lab Sample ID	Client Sample ID	Matrix	Collected	Received
240-208329-1	BKGRND	Solid	07/24/24 09:30	07/25/24 10:00
240-208329-2	SS #1	Solid	07/24/24 10:00	07/25/24 10:00
240-208329-3	SS #2	Solid	07/24/24 10:15	07/25/24 10:00
240-208329-4	SS #3	Solid	07/24/24 10:50	07/25/24 10:00
240-208329-5	SS #4	Solid	07/24/24 11:10	07/25/24 10:00
240-208329-6	SS #5	Solid	07/24/24 11:30	07/25/24 10:00

Detection Summary

Client: THG & Associates
Project/Site: MSC - DITCH

Job ID: 240-208329-1

Client Sample ID: BKGRND — Lab Sample ID: 240-208329-1

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Arsenic	13		3.0		mg/Kg	2	☼	6010D	Total/NA
Cadmium	0.60		0.51		mg/Kg	1	☼	6010D	Total/NA
Chromium	41	F1	2.0		mg/Kg	2	☼	6010D	Total/NA
Copper	67	F1	5.1		mg/Kg	2	☼	6010D	Total/NA
Nickel	40		4.0		mg/Kg	1	☼	6010D	Total/NA
Lead	69	F1	1.0		mg/Kg	1	☼	6010D	Total/NA
Zinc	160	F1	5.1		mg/Kg	1	☼	6010D	Total/NA
Cyanide, Total	3.8		3.0		mg/Kg	5	☼	9012B	Total/NA
pH	8.3	HF	0.1		SU	1		9045D	Total/NA
Corrosivity	8.3	HF	0.1		SU	1		9045D	Total/NA

Client Sample ID: SS #1 — Lab Sample ID: 240-208329-2

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Arsenic	10		2.7		mg/Kg	1	☼	6010D	Total/NA
Chromium	95		1.8		mg/Kg	1	☼	6010D	Total/NA
Lead	47		1.8		mg/Kg	1	☼	6010D	Total/NA
Zinc	20000		180		mg/Kg	20	☼	6010D	Total/NA
Cyanide, Total	3700		230		mg/Kg	200	☼	9012B	Total/NA
pH	11.7	HF	0.1		SU	1		9045D	Total/NA
Corrosivity	11.7	HF	0.1		SU	1		9045D	Total/NA

Client Sample ID: SS #2 — Lab Sample ID: 240-208329-3

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Arsenic	11		1.9		mg/Kg	1	☼	6010D	Total/NA
Chromium	20		1.3		mg/Kg	1	☼	6010D	Total/NA
Lead	25		1.3		mg/Kg	1	☼	6010D	Total/NA
Zinc	19000		130		mg/Kg	20	☼	6010D	Total/NA
Cyanide, Total	2500		110		mg/Kg	125	☼	9012B	Total/NA
pH	11.3	HF	0.1		SU	1		9045D	Total/NA
Corrosivity	11.3	HF	0.1		SU	1		9045D	Total/NA

Client Sample ID: SS #3 — Lab Sample ID: 240-208329-4

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Arsenic	11		1.6		mg/Kg	1	☼	6010D	Total/NA
Chromium	14		1.1		mg/Kg	1	☼	6010D	Total/NA
Lead	27		1.1		mg/Kg	1	☼	6010D	Total/NA
Zinc	6200		53		mg/Kg	10	☼	6010D	Total/NA
Cyanide, Total	990		84		mg/Kg	125	☼	9012B	Total/NA
pH	11.3	HF	0.1		SU	1		9045D	Total/NA
Corrosivity	11.3	HF	0.1		SU	1		9045D	Total/NA

Client Sample ID: SS #4 — Lab Sample ID: 240-208329-5

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Arsenic	13		1.7		mg/Kg	1	☼	6010D	Total/NA
Chromium	11		1.1		mg/Kg	1	☼	6010D	Total/NA
Lead	20		1.1		mg/Kg	1	☼	6010D	Total/NA
Zinc	10000		110		mg/Kg	20	☼	6010D	Total/NA
Cyanide, Total	1900		100		mg/Kg	125	☼	9012B	Total/NA
pH	11.3	HF	0.1		SU	1		9045D	Total/NA

This Detection Summary does not include radiochemical test results.

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Client Sample ID: SS #4 (Continued) — Lab Sample ID: 240-208329-5

Analyte	Result	Qualifier	RL	RL	Unit	Dil Fac	D	Method	Prep Type
Corrosivity	11.3	HF	0.1		SU	1		9045D	Total/NA

Client Sample ID: SS #5 — Lab Sample ID: 240-208329-6

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Arsenic	16		1.8		mg/Kg	1	☼	6010D	Total/NA
Chromium	17		1.2		mg/Kg	1	☼	6010D	Total/NA
Copper	16		3.0		mg/Kg	1	☼	6010D	Total/NA
Nickel	22		4.9		mg/Kg	1	☼	6010D	Total/NA
Lead	17		1.2		mg/Kg	1	☼	6010D	Total/NA
Zinc	550		6.1		mg/Kg	1	☼	6010D	Total/NA
Cyanide, Total	89		15		mg/Kg	25	☼	9012B	Total/NA
pH	8.3	HF	0.1		SU	1		9045D	Total/NA
Corrosivity	8.3	HF	0.1		SU	1		9045D	Total/NA

This Detection Summary does not include radiochemical test results.

Client: THG & Associates
Project/Site: MSC - DITCH

Job ID: 240-208329-1

Client Sample ID: BKGRND
Date Collected: 07/24/24 09:30
Date Received: 07/25/24 10:00

Lab Sample ID: 240-208329-1
Matrix: Solid
Percent Solids: 89.9

Method: SW846 6010D - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Silver	1.0	U	1.0		mg/Kg	☼	07/26/24 15:00	07/29/24 10:32	1
Arsenic	**13**		3.0		mg/Kg	☼	07/26/24 15:00	07/30/24 04:58	2
Cadmium	**0.60**		0.51		mg/Kg	☼	07/26/24 15:00	07/29/24 10:32	1
Chromium	**41**	**F1**	2.0		mg/Kg	☼	07/26/24 15:00	07/30/24 04:58	2
Copper	**67**	**F1**	5.1		mg/Kg	☼	07/26/24 15:00	07/30/24 04:58	2
Nickel	**40**		4.0		mg/Kg	☼	07/26/24 15:00	07/29/24 10:32	1
Lead	**69**	**F1**	1.0		mg/Kg	☼	07/26/24 15:00	07/29/24 10:32	1
Zinc	**160**	**F1**	5.1		mg/Kg	☼	07/26/24 15:00	07/29/24 10:32	1

Method: SW846 7471B - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.12	U	0.12		mg/Kg	☼	07/26/24 15:00	07/29/24 12:45	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cyanide, Total (SW846 9012B)	**3.8**		3.0		mg/Kg	☼	07/29/24 08:27	07/29/24 14:00	5

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
pH (SW846 9045D)	**8.3**	**HF**	0.1		SU			07/29/24 13:10	1
Corrosivity (SW846 9045D)	**8.3**	**HF**	0.1		SU			07/29/24 13:10	1
Percent Solids (EPA Moisture)	**89.9**		0.1		%			07/26/24 14:47	1

Client Sample Results

Client: THG & Associates
Project/Site: MSC - DITCH

Job ID: 240-208329-1

Client Sample ID: SS #1

Date Collected: 07/24/24 10:00
Date Received: 07/25/24 10:00

Lab Sample ID: 240-208329-2

Matrix: Solid
Percent Solids: 44.4

Method: SW846 6010D - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Silver	1.8	U	1.8		mg/Kg	☼	07/26/24 15:00	07/29/24 10:54	1
Arsenic	**10**		2.7		mg/Kg	☼	07/26/24 15:00	07/29/24 10:54	1
Cadmium	0.92	U	0.92		mg/Kg	☼	07/26/24 15:00	07/29/24 10:54	1
Chromium	**95**		1.8		mg/Kg	☼	07/26/24 15:00	07/29/24 10:54	1
Copper	4.6	U	4.6		mg/Kg	☼	07/26/24 15:00	07/29/24 10:54	1
Nickel	7.3	U	7.3		mg/Kg	☼	07/26/24 15:00	07/29/24 10:54	1
Lead	**47**		1.8		mg/Kg	☼	07/26/24 15:00	07/29/24 10:54	1
Zinc	**20000**		180		mg/Kg	☼	07/26/24 15:00	07/30/24 05:20	20

Method: SW846 7471B - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.22	U	0.22		mg/Kg	☼	07/26/24 15:00	07/29/24 12:50	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cyanide, Total (SW846 9012B)	**3700**		230		mg/Kg	☼	07/29/24 08:27	07/29/24 14:05	200

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
pH (SW846 9045D)	**11.7**	**HF**	0.1		SU			07/29/24 13:14	1
Corrosivity (SW846 9045D)	**11.7**	**HF**	0.1		SU			07/29/24 13:14	1
Percent Solids (EPA Moisture)	**44.4**		0.1		%			07/26/24 14:47	1

Client: THG & Associates
Project/Site: MSC - DITCH

Job ID: 240-208329-1

Client Sample ID: SS #2
Date Collected: 07/24/24 10:15
Date Received: 07/25/24 10:00

Lab Sample ID: 240-208329-3
Matrix: Solid
Percent Solids: 62.4

Method: SW846 6010D - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Silver	1.3	U	1.3		mg/Kg	☼	07/26/24 15:00	07/29/24 10:59	1
Arsenic	**11**		1.9		mg/Kg	☼	07/26/24 15:00	07/29/24 10:59	1
Cadmium	0.65	U	0.65		mg/Kg	☼	07/26/24 15:00	07/29/24 10:59	1
Chromium	**20**		1.3		mg/Kg	☼	07/26/24 15:00	07/29/24 10:59	1
Copper	3.2	U	3.2		mg/Kg	☼	07/26/24 15:00	07/29/24 10:59	1
Nickel	5.2	U	5.2		mg/Kg	☼	07/26/24 15:00	07/29/24 10:59	1
Lead	**25**		1.3		mg/Kg	☼	07/26/24 15:00	07/29/24 10:59	1
Zinc	**19000**		130		mg/Kg	☼	07/26/24 15:00	07/30/24 05:24	20

Method: SW846 7471B - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.15	U	0.15		mg/Kg	☼	07/26/24 15:00	07/29/24 12:51	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cyanide, Total (SW846 9012B)	**2500**		110		mg/Kg	☼	07/29/24 08:27	07/29/24 15:28	125

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
pH (SW846 9045D)	**11.3**	**HF**	0.1		SU			07/29/24 13:32	1
Corrosivity (SW846 9045D)	**11.3**	**HF**	0.1		SU			07/29/24 13:32	1
Percent Solids (EPA Moisture)	**62.4**		0.1		%			07/26/24 14:47	1

Client: THG & Associates
Project/Site: MSC - DITCH

Job ID: 240-208329-1

Client Sample ID: SS #3
Date Collected: 07/24/24 10:50
Date Received: 07/25/24 10:00

Lab Sample ID: 240-208329-4
Matrix: Solid
Percent Solids: 74.1

Method: SW846 6010D - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Silver	1.1	U	1.1		mg/Kg	☼	07/26/24 15:00	07/29/24 11:04	1
Arsenic	**11**		1.6		mg/Kg	☼	07/26/24 15:00	07/29/24 11:04	1
Cadmium	0.53	U	0.53		mg/Kg	☼	07/26/24 15:00	07/29/24 11:04	1
Chromium	**14**		1.1		mg/Kg	☼	07/26/24 15:00	07/29/24 11:04	1
Copper	2.6	U	2.6		mg/Kg	☼	07/26/24 15:00	07/29/24 11:04	1
Nickel	4.2	U	4.2		mg/Kg	☼	07/26/24 15:00	07/29/24 11:04	1
Lead	**27**		1.1		mg/Kg	☼	07/26/24 15:00	07/29/24 11:04	1
Zinc	**6200**		53		mg/Kg	☼	07/26/24 15:00	07/30/24 05:29	10

Method: SW846 7471B - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.13	U	0.13		mg/Kg	☼	07/26/24 15:00	07/29/24 12:53	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cyanide, Total (SW846 9012B)	**990**		84		mg/Kg	☼	07/29/24 08:27	07/29/24 14:17	125

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
pH (SW846 9045D)	**11.3**	**HF**	0.1		SU			07/29/24 13:37	1
Corrosivity (SW846 9045D)	**11.3**	**HF**	0.1		SU			07/29/24 13:37	1
Percent Solids (EPA Moisture)	**74.1**		0.1		%			07/26/24 14:47	1

Client: THG & Associates
Project/Site: MSC - DITCH

Job ID: 240-208329-1

Client Sample ID: SS #4
Date Collected: 07/24/24 11:10
Date Received: 07/25/24 10:00

Lab Sample ID: 240-208329-5
Matrix: Solid
Percent Solids: 62.5

Method: SW846 6010D - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Silver	1.1	U	1.1		mg/Kg	☼	07/26/24 15:00	07/29/24 11:17	1
Arsenic	**13**		1.7		mg/Kg	☼	07/26/24 15:00	07/29/24 11:17	1
Cadmium	0.55	U	0.55		mg/Kg	☼	07/26/24 15:00	07/29/24 11:17	1
Chromium	**11**		1.1		mg/Kg	☼	07/26/24 15:00	07/29/24 11:17	1
Copper	2.8	U	2.8		mg/Kg	☼	07/26/24 15:00	07/29/24 11:17	1
Nickel	4.4	U	4.4		mg/Kg	☼	07/26/24 15:00	07/29/24 11:17	1
Lead	**20**		1.1		mg/Kg	☼	07/26/24 15:00	07/29/24 11:17	1
Zinc	**10000**		110		mg/Kg	☼	07/26/24 15:00	07/30/24 05:33	20

Method: SW846 7471B - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.16	U	0.16		mg/Kg	☼	07/26/24 15:00	07/29/24 12:58	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cyanide, Total (SW846 9012B)	**1900**		100		mg/Kg	☼	07/29/24 08:27	07/29/24 14:21	125

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
pH (SW846 9045D)	**11.3**	**HF**	0.1		SU			07/29/24 13:41	1
Corrosivity (SW846 9045D)	**11.3**	**HF**	0.1		SU			07/29/24 13:41	1
Percent Solids (EPA Moisture)	**62.5**		0.1		%			07/26/24 14:52	1

Client: THG & Associates
Project/Site: MSC - DITCH

Job ID: 240-208329-1

Client Sample ID: SS #5
Date Collected: 07/24/24 11:30
Date Received: 07/25/24 10:00

Lab Sample ID: 240-208329-6
Matrix: Solid
Percent Solids: 75.9

Method: SW846 6010D - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Silver	1.2	U	1.2		mg/Kg	☼	07/26/24 15:00	07/29/24 11:21	1
Arsenic	**16**		1.8		mg/Kg	☼	07/26/24 15:00	07/29/24 11:21	1
Cadmium	0.61	U	0.61		mg/Kg	☼	07/26/24 15:00	07/29/24 11:21	1
Chromium	**17**		1.2		mg/Kg	☼	07/26/24 15:00	07/29/24 11:21	1
Copper	**16**		3.0		mg/Kg	☼	07/26/24 15:00	07/29/24 11:21	1
Nickel	**22**		4.9		mg/Kg	☼	07/26/24 15:00	07/29/24 11:21	1
Lead	**17**		1.2		mg/Kg	☼	07/26/24 15:00	07/29/24 11:21	1
Zinc	**550**		6.1		mg/Kg	☼	07/26/24 15:00	07/29/24 11:21	1

Method: SW846 7471B - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.13	U	0.13		mg/Kg	☼	07/26/24 15:00	07/29/24 13:00	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cyanide, Total (SW846 9012B)	**89**		15		mg/Kg	☼	07/29/24 08:27	07/29/24 14:26	25

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
pH (SW846 9045D)	**8.3**	**HF**	0.1		SU			07/29/24 13:46	1
Corrosivity (SW846 9045D)	**8.3**	**HF**	0.1		SU			07/29/24 13:46	1
Percent Solids (EPA Moisture)	**75.9**		0.1		%			07/26/24 14:52	1

Method: 6010D - Metals (ICP)

Lab Sample ID: MB 240-621344/1-A
Matrix: Solid
Analysis Batch: 621583

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 621344

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Silver	1.0	U	1.0		mg/Kg		07/26/24 15:00	07/29/24 10:24	1
Arsenic	1.5	U	1.5		mg/Kg		07/26/24 15:00	07/29/24 10:24	1
Cadmium	0.50	U	0.50		mg/Kg		07/26/24 15:00	07/29/24 10:24	1
Chromium	1.0	U	1.0		mg/Kg		07/26/24 15:00	07/29/24 10:24	1
Copper	2.5	U	2.5		mg/Kg		07/26/24 15:00	07/29/24 10:24	1
Nickel	4.0	U	4.0		mg/Kg		07/26/24 15:00	07/29/24 10:24	1
Lead	1.0	U	1.0		mg/Kg		07/26/24 15:00	07/29/24 10:24	1
Zinc	5.0	U	5.0		mg/Kg		07/26/24 15:00	07/29/24 10:24	1

Lab Sample ID: LCS 240-621344/2-A
Matrix: Solid
Analysis Batch: 621583

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 621344

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Silver	10.0	9.42		mg/Kg		94	80 - 120
Arsenic	200	194		mg/Kg		97	80 - 120
Cadmium	100	95.7		mg/Kg		96	80 - 120
Chromium	100	92.9		mg/Kg		93	80 - 120
Copper	100	91.7		mg/Kg		92	80 - 120
Nickel	100	96.4		mg/Kg		96	80 - 120
Lead	100	91.4		mg/Kg		91	80 - 120
Zinc	100	96.2		mg/Kg		96	80 - 120

Lab Sample ID: 240-208329-1 MS
Matrix: Solid
Analysis Batch: 621583

Client Sample ID: BKGRND
Prep Type: Total/NA
Prep Batch: 621344

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Silver	1.0	U	10.8	8.93		mg/Kg	☼	83	75 - 125
Cadmium	0.60		108	86.6		mg/Kg	☼	80	75 - 125
Nickel	40		108	128		mg/Kg	☼	82	75 - 125
Lead	69	F1	108	135	F1	mg/Kg	☼	61	75 - 125
Zinc	160	F1	108	236	F1	mg/Kg	☼	70	75 - 125

Lab Sample ID: 240-208329-1 MS
Matrix: Solid
Analysis Batch: 621583

Client Sample ID: BKGRND
Prep Type: Total/NA
Prep Batch: 621344

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Arsenic	13		216	186		mg/Kg	☼	80	75 - 125
Chromium	41	F1	108	119	F1	mg/Kg	☼	72	75 - 125
Copper	67	F1	108	142	F1	mg/Kg	☼	70	75 - 125

Lab Sample ID: 240-208329-1 MSD
Matrix: Solid
Analysis Batch: 621583

Client Sample ID: BKGRND
Prep Type: Total/NA
Prep Batch: 621344

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Silver	1.0	U	10.8	8.78		mg/Kg	☼	81	75 - 125	2	20

Method: 6010D - Metals (ICP) (Continued)

Lab Sample ID: 240-208329-1 MSD — **Client Sample ID: BKGRND**
Matrix: Solid — **Prep Type: Total/NA**
Analysis Batch: 621583 — **Prep Batch: 621344**

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Cadmium	0.60		108	85.1		mg/Kg	☼	78	75 - 125	2	20
Nickel	40		108	129		mg/Kg	☼	83	75 - 125	1	20
Lead	69	F1	108	132	F1	mg/Kg	☼	58	75 - 125	2	20
Zinc	160	F1	108	234	F1	mg/Kg	☼	68	75 - 125	1	20

Lab Sample ID: 240-208329-1 MSD — **Client Sample ID: BKGRND**
Matrix: Solid — **Prep Type: Total/NA**
Analysis Batch: 621583 — **Prep Batch: 621344**

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Arsenic	13		216	181		mg/Kg	☼	78	75 - 125	3	20
Chromium	41	F1	108	118	F1	mg/Kg	☼	71	75 - 125	1	20
Copper	67	F1	108	139	F1	mg/Kg	☼	67	75 - 125	2	20

Method: 7471B - Mercury (CVAA)

Lab Sample ID: MB 240-621345/1-A — **Client Sample ID: Method Blank**
Matrix: Solid — **Prep Type: Total/NA**
Analysis Batch: 621536 — **Prep Batch: 621345**

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.10	U	0.10		mg/Kg		07/26/24 15:00	07/29/24 12:41	1

Lab Sample ID: LCS 240-621345/2-A — **Client Sample ID: Lab Control Sample**
Matrix: Solid — **Prep Type: Total/NA**
Analysis Batch: 621536 — **Prep Batch: 621345**

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Mercury	0.833	0.867		mg/Kg		104	80 - 120

Lab Sample ID: 240-208329-1 MS — **Client Sample ID: BKGRND**
Matrix: Solid — **Prep Type: Total/NA**
Analysis Batch: 621536 — **Prep Batch: 621345**

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Mercury	0.12	U	0.199	0.235		mg/Kg	☼	91	80 - 120

Lab Sample ID: 240-208329-1 MSD — **Client Sample ID: BKGRND**
Matrix: Solid — **Prep Type: Total/NA**
Analysis Batch: 621536 — **Prep Batch: 621345**

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Mercury	0.12	U	0.199	0.238		mg/Kg	☼	93	80 - 120	1	20

Client: THG & Associates
Project/Site: MSC - DITCH

Job ID: 240-208329-1

Method: 9012B - Cyanide, Total andor Amenable

Lab Sample ID: MB 240-621434/1-A
Matrix: Solid
Analysis Batch: 621559

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 621434

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cyanide, Total	0.48	U	0.48		mg/Kg		07/29/24 08:27	07/29/24 13:43	1

Lab Sample ID: LCS 240-621434/2-A
Matrix: Solid
Analysis Batch: 621559

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 621434

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Cyanide, Total	8.18	9.07		mg/Kg		111	65 - 128

Method: 9045D - pH

Lab Sample ID: 240-208329-3 DU
Matrix: Solid
Analysis Batch: 621517

Client Sample ID: SS #2
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	DU Result	DU Qualifier	Unit	D	RPD	RPD Limit
pH	11.3	HF	11.3		SU		0.3	20
Corrosivity	11.3	HF	11.3		SU		0.3	20

Method: Moisture - Percent Moisture

Lab Sample ID: 240-208329-5 DU
Matrix: Solid
Analysis Batch: 621352

Client Sample ID: SS #4
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	DU Result	DU Qualifier	Unit	D	RPD	RPD Limit
Percent Solids	62.5		61.1		%		2	20

Metals

Prep Batch: 621344

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
240-208329-1	BKGRND	Total/NA	Solid	3050B	
240-208329-2	SS #1	Total/NA	Solid	3050B	
240-208329-3	SS #2	Total/NA	Solid	3050B	
240-208329-4	SS #3	Total/NA	Solid	3050B	
240-208329-5	SS #4	Total/NA	Solid	3050B	
240-208329-6	SS #5	Total/NA	Solid	3050B	
MB 240-621344/1-A	Method Blank	Total/NA	Solid	3050B	
LCS 240-621344/2-A	Lab Control Sample	Total/NA	Solid	3050B	
240-208329-1 MS	BKGRND	Total/NA	Solid	3050B	
240-208329-1 MSD	BKGRND	Total/NA	Solid	3050B	

Prep Batch: 621345

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
240-208329-1	BKGRND	Total/NA	Solid	7471B	
240-208329-2	SS #1	Total/NA	Solid	7471B	
240-208329-3	SS #2	Total/NA	Solid	7471B	
240-208329-4	SS #3	Total/NA	Solid	7471B	
240-208329-5	SS #4	Total/NA	Solid	7471B	
240-208329-6	SS #5	Total/NA	Solid	7471B	
MB 240-621345/1-A	Method Blank	Total/NA	Solid	7471B	
LCS 240-621345/2-A	Lab Control Sample	Total/NA	Solid	7471B	
240-208329-1 MS	BKGRND	Total/NA	Solid	7471B	
240-208329-1 MSD	BKGRND	Total/NA	Solid	7471B	

Analysis Batch: 621536

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
240-208329-1	BKGRND	Total/NA	Solid	7471B	621345
240-208329-2	SS #1	Total/NA	Solid	7471B	621345
240-208329-3	SS #2	Total/NA	Solid	7471B	621345
240-208329-4	SS #3	Total/NA	Solid	7471B	621345
240-208329-5	SS #4	Total/NA	Solid	7471B	621345
240-208329-6	SS #5	Total/NA	Solid	7471B	621345
MB 240-621345/1-A	Method Blank	Total/NA	Solid	7471B	621345
LCS 240-621345/2-A	Lab Control Sample	Total/NA	Solid	7471B	621345
240-208329-1 MS	BKGRND	Total/NA	Solid	7471B	621345
240-208329-1 MSD	BKGRND	Total/NA	Solid	7471B	621345

Analysis Batch: 621583

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
240-208329-1	BKGRND	Total/NA	Solid	6010D	621344
240-208329-1	BKGRND	Total/NA	Solid	6010D	621344
240-208329-2	SS #1	Total/NA	Solid	6010D	621344
240-208329-2	SS #1	Total/NA	Solid	6010D	621344
240-208329-3	SS #2	Total/NA	Solid	6010D	621344
240-208329-3	SS #2	Total/NA	Solid	6010D	621344
240-208329-4	SS #3	Total/NA	Solid	6010D	621344
240-208329-4	SS #3	Total/NA	Solid	6010D	621344
240-208329-5	SS #4	Total/NA	Solid	6010D	621344
240-208329-5	SS #4	Total/NA	Solid	6010D	621344
240-208329-6	SS #5	Total/NA	Solid	6010D	621344
MB 240-621344/1-A	Method Blank	Total/NA	Solid	6010D	621344

Metals (Continued)

Analysis Batch: 621583 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
LCS 240-621344/2-A	Lab Control Sample	Total/NA	Solid	6010D	621344
240-208329-1 MS	BKGRND	Total/NA	Solid	6010D	621344
240-208329-1 MS	BKGRND	Total/NA	Solid	6010D	621344
240-208329-1 MSD	BKGRND	Total/NA	Solid	6010D	621344
240-208329-1 MSD	BKGRND	Total/NA	Solid	6010D	621344

General Chemistry

Analysis Batch: 621352

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
240-208329-1	BKGRND	Total/NA	Solid	Moisture	
240-208329-2	SS #1	Total/NA	Solid	Moisture	
240-208329-3	SS #2	Total/NA	Solid	Moisture	
240-208329-4	SS #3	Total/NA	Solid	Moisture	
240-208329-5	SS #4	Total/NA	Solid	Moisture	
240-208329-6	SS #5	Total/NA	Solid	Moisture	
240-208329-5 DU	SS #4	Total/NA	Solid	Moisture	

Prep Batch: 621434

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
240-208329-1	BKGRND	Total/NA	Solid	9012B	
240-208329-2	SS #1	Total/NA	Solid	9012B	
240-208329-3	SS #2	Total/NA	Solid	9012B	
240-208329-4	SS #3	Total/NA	Solid	9012B	
240-208329-5	SS #4	Total/NA	Solid	9012B	
240-208329-6	SS #5	Total/NA	Solid	9012B	
MB 240-621434/1-A	Method Blank	Total/NA	Solid	9012B	
LCS 240-621434/2-A	Lab Control Sample	Total/NA	Solid	9012B	

Analysis Batch: 621517

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
240-208329-1	BKGRND	Total/NA	Solid	9045D	
240-208329-2	SS #1	Total/NA	Solid	9045D	
240-208329-3	SS #2	Total/NA	Solid	9045D	
240-208329-4	SS #3	Total/NA	Solid	9045D	
240-208329-5	SS #4	Total/NA	Solid	9045D	
240-208329-6	SS #5	Total/NA	Solid	9045D	
LCS 240-621517/2	Lab Control Sample	Total/NA	Solid	9045D	
LCS 240-621517/24	Lab Control Sample	Total/NA	Solid	9045D	
240-208329-3 DU	SS #2	Total/NA	Solid	9045D	

Analysis Batch: 621559

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
240-208329-1	BKGRND	Total/NA	Solid	9012B	621434
240-208329-2	SS #1	Total/NA	Solid	9012B	621434
240-208329-3	SS #2	Total/NA	Solid	9012B	621434
240-208329-4	SS #3	Total/NA	Solid	9012B	621434
240-208329-5	SS #4	Total/NA	Solid	9012B	621434
240-208329-6	SS #5	Total/NA	Solid	9012B	621434
MB 240-621434/1-A	Method Blank	Total/NA	Solid	9012B	621434
LCS 240-621434/2-A	Lab Control Sample	Total/NA	Solid	9012B	621434

Lab Chronicle

Client: THG & Associates
Project/Site: MSC - DITCH

Job ID: 240-208329-1

Client Sample ID: BKGRND
Lab Sample ID: 240-208329-1

Date Collected: 07/24/24 09:30
Matrix: Solid
Date Received: 07/25/24 10:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	9045D		1	621517	C5SV	EET CLE	07/29/24 13:10
Total/NA	Analysis	Moisture		1	621352	C5SV	EET CLE	07/26/24 14:47

Client Sample ID: BKGRND
Lab Sample ID: 240-208329-1

Date Collected: 07/24/24 09:30
Matrix: Solid
Date Received: 07/25/24 10:00
Percent Solids: 89.9

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	3050B			621344	DEE	EET CLE	07/26/24 15:00
Total/NA	Analysis	6010D		1	621583	KLC	EET CLE	07/29/24 10:32
Total/NA	Prep	3050B			621344	DEE	EET CLE	07/26/24 15:00
Total/NA	Analysis	6010D		2	621583	KLC	EET CLE	07/30/24 04:58
Total/NA	Prep	7471B			621345	DEE	EET CLE	07/26/24 15:00
Total/NA	Analysis	7471B		1	621536	S4FJ	EET CLE	07/29/24 12:45
Total/NA	Prep	9012B			621434	BLW	EET CLE	07/29/24 08:27
Total/NA	Analysis	9012B		5	621559	BLW	EET CLE	07/29/24 14:00

Client Sample ID: SS #1
Lab Sample ID: 240-208329-2

Date Collected: 07/24/24 10:00
Matrix: Solid
Date Received: 07/25/24 10:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	9045D		1	621517	C5SV	EET CLE	07/29/24 13:14
Total/NA	Analysis	Moisture		1	621352	C5SV	EET CLE	07/26/24 14:47

Client Sample ID: SS #1
Lab Sample ID: 240-208329-2

Date Collected: 07/24/24 10:00
Matrix: Solid
Date Received: 07/25/24 10:00
Percent Solids: 44.4

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	3050B			621344	DEE	EET CLE	07/26/24 15:00
Total/NA	Analysis	6010D		1	621583	KLC	EET CLE	07/29/24 10:54
Total/NA	Prep	3050B			621344	DEE	EET CLE	07/26/24 15:00
Total/NA	Analysis	6010D		20	621583	KLC	EET CLE	07/30/24 05:20
Total/NA	Prep	7471B			621345	DEE	EET CLE	07/26/24 15:00
Total/NA	Analysis	7471B		1	621536	S4FJ	EET CLE	07/29/24 12:50
Total/NA	Prep	9012B			621434	BLW	EET CLE	07/29/24 08:27
Total/NA	Analysis	9012B		200	621559	BLW	EET CLE	07/29/24 14:05

Client Sample ID: SS #2
Lab Sample ID: 240-208329-3

Date Collected: 07/24/24 10:15
Matrix: Solid
Date Received: 07/25/24 10:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	9045D		1	621517	C5SV	EET CLE	07/29/24 13:32

Client Sample ID: SS #2 — **Lab Sample ID: 240-208329-3**
Date Collected: 07/24/24 10:15 — **Matrix: Solid**
Date Received: 07/25/24 10:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	Moisture		1	621352	C5SV	EET CLE	07/26/24 14:47

Client Sample ID: SS #2 — **Lab Sample ID: 240-208329-3**
Date Collected: 07/24/24 10:15 — **Matrix: Solid**
Date Received: 07/25/24 10:00 — **Percent Solids: 62.4**

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	3050B			621344	DEE	EET CLE	07/26/24 15:00
Total/NA	Analysis	6010D		1	621583	KLC	EET CLE	07/29/24 10:59
Total/NA	Prep	3050B			621344	DEE	EET CLE	07/26/24 15:00
Total/NA	Analysis	6010D		20	621583	KLC	EET CLE	07/30/24 05:24
Total/NA	Prep	7471B			621345	DEE	EET CLE	07/26/24 15:00
Total/NA	Analysis	7471B		1	621536	S4FJ	EET CLE	07/29/24 12:51
Total/NA	Prep	9012B			621434	BLW	EET CLE	07/29/24 08:27
Total/NA	Analysis	9012B		125	621559	BLW	EET CLE	07/29/24 15:28

Client Sample ID: SS #3 — **Lab Sample ID: 240-208329-4**
Date Collected: 07/24/24 10:50 — **Matrix: Solid**
Date Received: 07/25/24 10:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	9045D		1	621517	C5SV	EET CLE	07/29/24 13:37
Total/NA	Analysis	Moisture		1	621352	C5SV	EET CLE	07/26/24 14:47

Client Sample ID: SS #3 — **Lab Sample ID: 240-208329-4**
Date Collected: 07/24/24 10:50 — **Matrix: Solid**
Date Received: 07/25/24 10:00 — **Percent Solids: 74.1**

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	3050B			621344	DEE	EET CLE	07/26/24 15:00
Total/NA	Analysis	6010D		1	621583	KLC	EET CLE	07/29/24 11:04
Total/NA	Prep	3050B			621344	DEE	EET CLE	07/26/24 15:00
Total/NA	Analysis	6010D		10	621583	KLC	EET CLE	07/30/24 05:29
Total/NA	Prep	7471B			621345	DEE	EET CLE	07/26/24 15:00
Total/NA	Analysis	7471B		1	621536	S4FJ	EET CLE	07/29/24 12:53
Total/NA	Prep	9012B			621434	BLW	EET CLE	07/29/24 08:27
Total/NA	Analysis	9012B		125	621559	BLW	EET CLE	07/29/24 14:17

Client Sample ID: SS #4 — **Lab Sample ID: 240-208329-5**
Date Collected: 07/24/24 11:10 — **Matrix: Solid**
Date Received: 07/25/24 10:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	9045D		1	621517	C5SV	EET CLE	07/29/24 13:41
Total/NA	Analysis	Moisture		1	621352	C5SV	EET CLE	07/26/24 14:52

Lab Chronicle

Client: THG & Associates
Job ID: 240-208329-1
Project/Site: MSC - DITCH

Client Sample ID: SS #4
Lab Sample ID: 240-208329-5
Date Collected: 07/24/24 11:10
Matrix: Solid
Date Received: 07/25/24 10:00
Percent Solids: 62.5

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	3050B			621344	DEE	EET CLE	07/26/24 15:00
Total/NA	Analysis	6010D		1	621583	KLC	EET CLE	07/29/24 11:17
Total/NA	Prep	3050B			621344	DEE	EET CLE	07/26/24 15:00
Total/NA	Analysis	6010D		20	621583	KLC	EET CLE	07/30/24 05:33
Total/NA	Prep	7471B			621345	DEE	EET CLE	07/26/24 15:00
Total/NA	Analysis	7471B		1	621536	S4FJ	EET CLE	07/29/24 12:58
Total/NA	Prep	9012B			621434	BLW	EET CLE	07/29/24 08:27
Total/NA	Analysis	9012B		125	621559	BLW	EET CLE	07/29/24 14:21

Client Sample ID: SS #5
Lab Sample ID: 240-208329-6
Date Collected: 07/24/24 11:30
Matrix: Solid
Date Received: 07/25/24 10:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	9045D		1	621517	C5SV	EET CLE	07/29/24 13:46
Total/NA	Analysis	Moisture		1	621352	C5SV	EET CLE	07/26/24 14:52

Client Sample ID: SS #5
Lab Sample ID: 240-208329-6
Date Collected: 07/24/24 11:30
Matrix: Solid
Date Received: 07/25/24 10:00
Percent Solids: 75.9

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	3050B			621344	DEE	EET CLE	07/26/24 15:00
Total/NA	Analysis	6010D		1	621583	KLC	EET CLE	07/29/24 11:21
Total/NA	Prep	7471B			621345	DEE	EET CLE	07/26/24 15:00
Total/NA	Analysis	7471B		1	621536	S4FJ	EET CLE	07/29/24 13:00
Total/NA	Prep	9012B			621434	BLW	EET CLE	07/29/24 08:27
Total/NA	Analysis	9012B		25	621559	BLW	EET CLE	07/29/24 14:26

Laboratory References:

EET CLE = Eurofins Cleveland, 180 S. Van Buren Avenue, Barberton, OH 44203, TEL (330)497-9396

Accreditation/Certification Summary

Client: THG & Associates
Project/Site: MSC - DITCH

Job ID: 240-208329-1

Laboratory: Eurofins Cleveland

All accreditations/certifications held by this laboratory are listed. Not all accreditations/certifications are applicable to this report.

Authority	Program	Identification Number	Expiration Date
California	State	2927	02-28-25
Georgia	State	4062	02-27-25
Illinois	NELAP	200004	08-31-25
Iowa	State	421	06-01-25
Kentucky (UST)	State	112225	02-27-25
Kentucky (WW)	State	KY98016	12-30-24
Minnesota	NELAP	039-999-348	12-31-24
New Jersey	NELAP	OH001	07-03-25
New York	NELAP	10975	04-02-25
Ohio VAP	State	ORELAP 4062	02-27-25
Oregon	NELAP	4062	02-28-25
Pennsylvania	NELAP	68-00340	08-31-25
Texas	NELAP	T104704517-22-19	08-31-24
USDA	US Federal Programs	P330-18-00281	01-05-27
Virginia	NELAP	460175	09-14-24
West Virginia DEP	State	210	12-31-24

Eurofins Cleveland
180 S. Van Buren Avenue
Barberton, OH 44203
Phone (330) 497-9396 Phone (330) 497-0772

Chain of Custody Record

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Client Information	Sampler: J. STEUDLER	Lab PM: Howell, Leslie	Carrier Tracking No(s):	COC No: 240-122733-42799.1
Client Contact: Mr. Jim Steudler	Phone: 814.720.2136	E-Mail: Leslie.Howell@et.eurofinsus.com	State of Origin: OH	Page: Page 1 of 1
Company: THG & Associates	PWSID:			Job #:
Address: 623 Washington Street	Due Date Requested:			
City: Meadville	TAT Requested (days): 3 DAYS			
State, Zip: PA, 16335	Compliance Project: Δ Yes Δ No			
Phone: 814-337-1300(Tel) 814-337-1304(Fax)	PO #: Purchase Order Requested 24-206			
Email: jmsteudler@thgassociates.com	WO #:			
Project Name: Material Sciences Corp	Project #: 24006855			
Site: MSC - DITCH	SSOW#:			

Analysis Requested

Preservation Codes:
N - None
D - HNO3
B - NaOH
Other:

Sample Identification	Sample Date	Sample Time	Sample Type (C=comp, G=grab)	Matrix (W=water, S=solid, O=waste/oil, BT=Tissue, A=Air)	Field Filtered Sample (Yes or No)	Perform MS/MSD (Yes or No)	6010D, 7471B, 9012B, Moisture	MOISTURE / %o SOLIDS	6010 - CUSTOM METALS	9012B - CN, TOTAL	7471B - TOTAL Hg	SOIL PH	Total Number of containers	Special Instructions/Note:
			Preservation Code:		X	X	N						X	
BKGRND	7/24/24	9:30A	G	Solid				X	X	X	X	X		CUSTOM METALS:
SS #1	"	10:00	"	Solid										As, Cd, Cr, Cu, Pb
SS #2		10:15		Solid										Ni, Ag, Zn
SS #3		10:50		Solid										
SS #4		11:10		Solid										
SS #5		11:30		Solid										
				Solid										
				Solid										
				Solid										
				Solid										

240-208329 Chain of Custody

Possible Hazard Identification
☑ Non-Hazard ☐ Flammable ☐ Skin Irritant ☐ Poison B ☐ Unknown ☐ Radiological

Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)
☐ Return To Client ☑ Disposal By Lab ☐ Archive For ____ Months

Deliverable Requested: I, II, III, IV, Other (specify)

Special Instructions/QC Requirements:

Empty Kit Relinquished by:	Date:	Time:	Method of Shipment:

Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company
J. STEUDLER	7/24/24 2PM	THG	MALISSA LOAR	7-25-24 10Am	
Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company
Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company

Custody Seals Intact: Δ Yes Δ No	Custody Seal No.:	Cooler Temperature(s) °C and Other Remarks:

Eurofins – Cleveland Sample Receipt Form/Narrative **Login # :** _____
Barberton Facility

Client THG & ASS. Site Name _____ Cooler unpacked by: MALISSA LOAR

Cooler Received on 7.25.24 Opened on 7.25.24

FedEx: 1st Grd Exp UPS FAS Waypoint Client Drop Off Eurofins Courier Other _____

Receipt After-hours Drop-off Date/Time _____ Storage Location ----

Eurofins Cooler # 2 Foam Box Client Cooler Box Other _____

Packing material used: Bubble Wrap Foam Plastic Bag None Other _____

COOLANT: Wet Ice Blue Ice Dry Ice Water None

1 Cooler temperature upon receipt ☐ See Multiple Cooler Form

IR GUN # 22 (CF 0.1 °C) Observed Cooler Temp. 2.2 °C Corrected Cooler Temp. 2.1 °C

2.	Were tamper/custody seals on the outside of the cooler(s)? If Yes Quantity _____	Yes No
	-Were the seals on the outside of the cooler(s) signed & dated?	Yes No NA
	-Were tamper/custody seals on the bottle(s) or bottle kits (LLHg/MeHg)?	Yes No
	-Were tamper/custody seals intact and uncompromised?	Yes No NA
3	Shippers' packing slip attached to the cooler(s)?	Yes No
4	Did custody papers accompany the sample(s)?	Yes No
5	Were the custody papers relinquished & signed in the appropriate place?	Yes No
6	Was/were the person(s) who collected the samples clearly identified on the COC?	Yes No
7	Did all bottles arrive in good condition (Unbroken)?	Yes No
8	Could all bottle labels (ID/Date/Time) be reconciled with the COC?	Yes No
9	For each sample, does the COC specify preservatives (Y/N), # of containers (Y/N), and sample type of grab/comp(Y/N)?	
10	Were correct bottle(s) used for the test(s) indicated?	Yes No
11	Sufficient quantity received to perform indicated analyses?	Yes No
12	Are these work share samples and all listed on the COC?	Yes No
	If yes, Questions 13-17 have been checked at the originating laboratory	
13	Were all preserved sample(s) at the correct pH upon receipt?	Yes No NA pH Strip Lot# HC442471
14	Were VOAs on the COC?	Yes No
15	Were air bubbles >6 mm in any VOA vials? ● ← Larger than this	Yes No NA
16.	Was a VOA trip blank present in the cooler(s)? Trip Blank Lot # _____	Yes No
17	Was a LL Hg or Me Hg trip blank present? _____	Yes No

Tests that are not checked for pH by Receiving:
VOAs
Oil and Grease
TOC

Contacted PM _____ Date _____ by _____ via Verbal Voice Mail Other

Concerning _____

18. CHAIN OF CUSTODY & SAMPLE DISCREPANCIES ☐ additional next page | Samples processed by:

_____

_____

_____

_____

19. SAMPLE CONDITION

Sample(s) _____ were received after the recommended holding time had expired.

Sample(s) _____ were received in a broken container

Sample(s) _____ were received with bubble >6 mm in diameter (Notify PM)

20. SAMPLE PRESERVATION

Sample(s) _____ were further preserved in the laboratory

Time preserved. _____ Preservative(s) added/Lot number(s): _____

VOA Sample Preservation - Date/Time VOAs Frozen. _____

7/25/2024

Login Container Summary Report

240-208329

7/30/2024

Temperature readings _____

Client Sample ID	Lab ID	Container Type	Container pH	Container Temp	Preservation Added	Preservation Lot Number
BKGRND	240-208329-A-1	SnapCap 1/2 ounce unpreserved				
BKGRND	240-208329-B-1	Soil jar 8oz - clear glass				
SS #1	240-208329-A-2	SnapCap 1/2 ounce unpreserved				
SS #1	240-208329-B-2	Soil jar 8oz - clear glass				
SS #2	240-208329-A-3	SnapCap 1/2 ounce unpreserved				
SS #2	240-208329-B-3	Soil jar 8oz - clear glass				
SS #3	240-208329-A-4	SnapCap 1/2 ounce unpreserved				
SS #3	240-208329-B-4	Soil jar 8oz - clear glass				
SS #4	240-208329-A-5	SnapCap 1/2 ounce unpreserved				
SS #4	240-208329-B-5	Soil jar 8oz - clear glass				
SS #5	240-208329-A-6	SnapCap 1/2 ounce unpreserved				
SS #5	240-208329-B-6	Soil jar 8oz - clear glass				

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ANALYTICAL REPORT

PREPARED FOR

Attn: Mr. Jim Steudler
THG & Associates
623 Washington Street
Meadville, Pennsylvania 16335

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JOB DESCRIPTION

MSC - DITCH

JOB NUMBER

240-209203-1

Eurofins Cleveland
180 S. Van Buren Avenue
Barberton OH 44203

See page two for job notes and contact information.

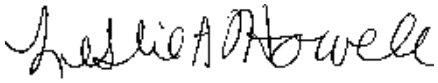
myEOL

Job Notes

This report may not be reproduced except in full, and with written approval from the laboratory. The results relate only to the samples tested. For questions please contact the Project Manager at the e-mail address or telephone number listed on this page.

The test results in this report relate only to the samples as received by the laboratory and will meet all requirements of the methodology, with any exceptions noted. This report shall not be reproduced except in full, without the express written approval of the laboratory. All questions should be directed to the Eurofins Environment Testing North Central, LLC Project Manager.

Authorization



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Authorized for release by
Leslie Howell, Project Manager I
Leslie.Howell@et.eurofinsus.com
(330)966-9266

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Definitions/Glossary

Client: THG & Associates
Project/Site: MSC - DITCH

Job ID: 240-209203-1

Qualifiers

Metals

Qualifier	Qualifier Description
U	Indicates the analyte was analyzed for but not detected.

General Chemistry

Qualifier	Qualifier Description
4	MS, MSD: The analyte present in the original sample is greater than 4 times the matrix spike concentration; therefore, control limits are not applicable.
HF	Parameter with a holding time of 15 minutes. Test performed by laboratory at client's request. Sample was analyzed outside of hold time.
U	Indicates the analyte was analyzed for but not detected.

Glossary

Abbreviation	These commonly used abbreviations may or may not be present in this report.
¤	Listed under the "D" column to designate that the result is reported on a dry weight basis
%R	Percent Recovery
CFL	Contains Free Liquid
CFU	Colony Forming Unit
CNF	Contains No Free Liquid
DER	Duplicate Error Ratio (normalized absolute difference)
Dil Fac	Dilution Factor
DL	Detection Limit (DoD/DOE)
DL, RA, RE, IN	Indicates a Dilution, Re-analysis, Re-extraction, or additional Initial metals/anion analysis of the sample
DLC	Decision Level Concentration (Radiochemistry)
EDL	Estimated Detection Limit (Dioxin)
LOD	Limit of Detection (DoD/DOE)
LOQ	Limit of Quantitation (DoD/DOE)
MCL	EPA recommended "Maximum Contaminant Level"
MDA	Minimum Detectable Activity (Radiochemistry)
MDC	Minimum Detectable Concentration (Radiochemistry)
MDL	Method Detection Limit
ML	Minimum Level (Dioxin)
MPN	Most Probable Number
MQL	Method Quantitation Limit
NC	Not Calculated
ND	Not Detected at the reporting limit (or MDL or EDL if shown)
NEG	Negative / Absent
POS	Positive / Present
PQL	Practical Quantitation Limit
PRES	Presumptive
QC	Quality Control
RER	Relative Error Ratio (Radiochemistry)
RL	Reporting Limit or Requested Limit (Radiochemistry)
RPD	Relative Percent Difference, a measure of the relative difference between two points
TEF	Toxicity Equivalent Factor (Dioxin)
TEQ	Toxicity Equivalent Quotient (Dioxin)
TNTC	Too Numerous To Count

Job Narrative
240-209203-1

Analytical test results meet all requirements of the associated regulatory program listed on the Accreditation/Certification Summary Page unless otherwise noted under the individual analysis. Data qualifiers and/or narrative comments are included to explain any exceptions, if applicable.

- Matrix QC may not be reported if insufficient sample is provided or site-specific QC samples were not submitted. In these situations, to demonstrate precision and accuracy at a batch level, a LCS/LCSD may be performed, unless otherwise specified in the method.
- Surrogate and/or isotope dilution analyte recoveries (if applicable) which are outside of the QC window are confirmed unless attributed to a dilution or otherwise noted in the narrative.

Regulated compliance samples (e.g. SDWA, NPDES) must comply with the associated agency requirements/permits.

Receipt
The samples were received on 8/9/2024 10:00 AM. Unless otherwise noted below, the samples arrived in good condition, and, where required, properly preserved and on ice. The temperature of the cooler at receipt time was 3.4°C.

Metals
No additional analytical or quality issues were noted, other than those described above or in the Definitions/ Glossary page.

General Chemistry
No additional analytical or quality issues were noted, other than those described above or in the Definitions/ Glossary page.

Method Summary

Client: THG & Associates
Project/Site: MSC - DITCH

Job ID: 240-209203-1

Method	Method Description	Protocol	Laboratory
6010D	Metals (ICP)	SW846	EET CLE
7471B	Mercury (CVAA)	SW846	EET CLE
9012B	Cyanide, Total andor Amenable	SW846	EET CLE
9045D	pH	SW846	EET CLE
Moisture	Percent Moisture	EPA	EET CLE
3050B	Preparation, Metals	SW846	EET CLE
7471B	Preparation, Mercury	SW846	EET CLE
9012B	Cyanide, Total and/or Amenable, Distillation	SW846	EET CLE

Protocol References:

EPA = US Environmental Protection Agency

SW846 = "Test Methods For Evaluating Solid Waste, Physical/Chemical Methods", Third Edition, November 1986 And Its Updates.

Laboratory References:

EET CLE = Eurofins Cleveland, 180 S. Van Buren Avenue, Barberton, OH 44203, TEL (330)497-9396

Sample Summary

Client: THG & Associates
Project/Site: MSC - DITCH

Job ID: 240-209203-1

Lab Sample ID	Client Sample ID	Matrix	Collected	Received
240-209203-1	OUTFALL #1 - S	Solid	08/08/24 10:30	08/09/24 10:00
240-209203-2	OUTFALL #2 - N	Solid	08/08/24 11:30	08/09/24 10:00
240-209203-3	OUTFALL #3 - N	Solid	08/08/24 12:00	08/09/24 10:00
240-209203-4	SS #2 - N	Solid	08/08/24 12:30	08/09/24 10:00
240-209203-5	SS #3 - N	Solid	08/08/24 12:50	08/09/24 10:00
240-209203-6	SS #4 - N	Solid	08/08/24 13:10	08/09/24 10:00
240-209203-7	SS #5 - N	Solid	08/08/24 13:30	08/09/24 10:00

Detection Summary

Client: THG & Associates
Project/Site: MSC - DITCH

Job ID: 240-209203-1

Client Sample ID: OUTFALL #1 - S — Lab Sample ID: 240-209203-1

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Arsenic	24		2.4		mg/Kg	1	☼	6010D	Total/NA
Chromium	19		1.6		mg/Kg	1	☼	6010D	Total/NA
Copper	34		4.0		mg/Kg	1	☼	6010D	Total/NA
Nickel	28		6.5		mg/Kg	1	☼	6010D	Total/NA
Lead	48		1.6		mg/Kg	1	☼	6010D	Total/NA
Zinc	220		8.1		mg/Kg	1	☼	6010D	Total/NA
Cyanide, Total	1.2		0.81		mg/Kg	1	☼	9012B	Total/NA
pH	7.2	HF	0.1		SU	1		9045D	Total/NA
Corrosivity	7.2	HF	0.1		SU	1		9045D	Total/NA

Client Sample ID: OUTFALL #2 - N — Lab Sample ID: 240-209203-2

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Arsenic	12		1.7		mg/Kg	1	☼	6010D	Total/NA
Cadmium	0.63		0.57		mg/Kg	1	☼	6010D	Total/NA
Chromium	25		1.1		mg/Kg	1	☼	6010D	Total/NA
Copper	19		2.9		mg/Kg	1	☼	6010D	Total/NA
Nickel	13		4.6		mg/Kg	1	☼	6010D	Total/NA
Lead	93		1.1		mg/Kg	1	☼	6010D	Total/NA
Zinc	1300		29		mg/Kg	5	☼	6010D	Total/NA
Cyanide, Total	220		18		mg/Kg	25	☼	9012B	Total/NA
pH	10.6	HF	0.1		SU	1		9045D	Total/NA
Corrosivity	10.6	HF	0.1		SU	1		9045D	Total/NA

Client Sample ID: OUTFALL #3 - N — Lab Sample ID: 240-209203-3

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Arsenic	17		1.3		mg/Kg	1	☼	6010D	Total/NA
Chromium	17		0.89		mg/Kg	1	☼	6010D	Total/NA
Copper	21		2.2		mg/Kg	1	☼	6010D	Total/NA
Nickel	17		3.6		mg/Kg	1	☼	6010D	Total/NA
Lead	26		0.89		mg/Kg	1	☼	6010D	Total/NA
Zinc	230		4.5		mg/Kg	1	☼	6010D	Total/NA
Cyanide, Total	38		3.6		mg/Kg	5	☼	9012B	Total/NA
pH	9.6	HF	0.1		SU	1		9045D	Total/NA
Corrosivity	9.6	HF	0.1		SU	1		9045D	Total/NA

Client Sample ID: SS #2 - N — Lab Sample ID: 240-209203-4

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Arsenic	9.8		1.7		mg/Kg	1	☼	6010D	Total/NA
Chromium	17		1.2		mg/Kg	1	☼	6010D	Total/NA
Copper	19		2.9		mg/Kg	1	☼	6010D	Total/NA
Nickel	20		4.7		mg/Kg	1	☼	6010D	Total/NA
Lead	18		1.2		mg/Kg	1	☼	6010D	Total/NA
Zinc	140		5.8		mg/Kg	1	☼	6010D	Total/NA
Cyanide, Total	14		0.81		mg/Kg	1	☼	9012B	Total/NA
pH	8.7	HF	0.1		SU	1		9045D	Total/NA
Corrosivity	8.7	HF	0.1		SU	1		9045D	Total/NA

This Detection Summary does not include radiochemical test results.

Detection Summary

Client: THG & Associates
Project/Site: MSC - DITCH

Job ID: 240-209203-1

Client Sample ID: SS #3 - N — Lab Sample ID: 240-209203-5

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Arsenic	19		1.4		mg/Kg	1	☼	6010D	Total/NA
Chromium	16		0.92		mg/Kg	1	☼	6010D	Total/NA
Copper	17		2.3		mg/Kg	1	☼	6010D	Total/NA
Nickel	26		3.7		mg/Kg	1	☼	6010D	Total/NA
Lead	13		0.92		mg/Kg	1	☼	6010D	Total/NA
Zinc	460		4.6		mg/Kg	1	☼	6010D	Total/NA
Cyanide, Total	41		0.56		mg/Kg	1	☼	9012B	Total/NA
pH	8.6	HF	0.1		SU	1		9045D	Total/NA
Corrosivity	8.6	HF	0.1		SU	1		9045D	Total/NA

Client Sample ID: SS #4 - N — Lab Sample ID: 240-209203-6

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Arsenic	11		1.7		mg/Kg	1	☼	6010D	Total/NA
Chromium	18		1.1		mg/Kg	1	☼	6010D	Total/NA
Copper	16		2.9		mg/Kg	1	☼	6010D	Total/NA
Nickel	29		4.6		mg/Kg	1	☼	6010D	Total/NA
Lead	12		1.1		mg/Kg	1	☼	6010D	Total/NA
Zinc	440		5.7		mg/Kg	1	☼	6010D	Total/NA
Cyanide, Total	79		18		mg/Kg	25	☼	9012B	Total/NA
pH	8.7	HF	0.1		SU	1		9045D	Total/NA
Corrosivity	8.7	HF	0.1		SU	1		9045D	Total/NA

Client Sample ID: SS #5 - N — Lab Sample ID: 240-209203-7

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Arsenic	13		1.7		mg/Kg	1	☼	6010D	Total/NA
Chromium	14		1.1		mg/Kg	1	☼	6010D	Total/NA
Copper	15		2.8		mg/Kg	1	☼	6010D	Total/NA
Nickel	18		4.4		mg/Kg	1	☼	6010D	Total/NA
Lead	14		1.1		mg/Kg	1	☼	6010D	Total/NA
Zinc	380		5.5		mg/Kg	1	☼	6010D	Total/NA
Cyanide, Total	38		3.2		mg/Kg	5	☼	9012B	Total/NA
pH	8.4	HF	0.1		SU	1		9045D	Total/NA
Corrosivity	8.4	HF	0.1		SU	1		9045D	Total/NA

This Detection Summary does not include radiochemical test results.

Client Sample Results

Client: THG & Associates
Project/Site: MSC - DITCH

Job ID: 240-209203-1

Client Sample ID: OUTFALL #1 - S

Date Collected: 08/08/24 10:30
Date Received: 08/09/24 10:00

Lab Sample ID: 240-209203-1

Matrix: Solid
Percent Solids: 59.6

Method: SW846 6010D - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Silver	1.6	U	1.6		mg/Kg	☼	08/09/24 15:00	08/13/24 18:28	1
Arsenic	**24**		2.4		mg/Kg	☼	08/09/24 15:00	08/13/24 18:28	1
Cadmium	0.81	U	0.81		mg/Kg	☼	08/09/24 15:00	08/13/24 18:28	1
Chromium	**19**		1.6		mg/Kg	☼	08/09/24 15:00	08/13/24 18:28	1
Copper	**34**		4.0		mg/Kg	☼	08/09/24 15:00	08/13/24 18:28	1
Nickel	**28**		6.5		mg/Kg	☼	08/09/24 15:00	08/13/24 18:28	1
Lead	**48**		1.6		mg/Kg	☼	08/09/24 15:00	08/13/24 18:28	1
Zinc	**220**		8.1		mg/Kg	☼	08/09/24 15:00	08/13/24 18:28	1

Method: SW846 7471B - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.14	U	0.14		mg/Kg	☼	08/12/24 15:00	08/13/24 11:54	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cyanide, Total (SW846 9012B)	**1.2**		0.81		mg/Kg	☼	08/12/24 09:51	08/12/24 13:25	1

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
pH (SW846 9045D)	**7.2**	**HF**	0.1		SU			08/12/24 13:39	1
Corrosivity (SW846 9045D)	**7.2**	**HF**	0.1		SU			08/12/24 13:39	1
Percent Solids (EPA Moisture)	**59.6**		0.1		%			08/12/24 10:21	1

Client Sample Results

Client: THG & Associates
Project/Site: MSC - DITCH

Job ID: 240-209203-1

Client Sample ID: OUTFALL #2 - N

Date Collected: 08/08/24 11:30
Date Received: 08/09/24 10:00

Lab Sample ID: 240-209203-2

Matrix: Solid
Percent Solids: 76.0

Method: SW846 6010D - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Silver	1.1	U	1.1		mg/Kg	☼	08/09/24 15:00	08/13/24 18:32	1
Arsenic	**12**		1.7		mg/Kg	☼	08/09/24 15:00	08/13/24 18:32	1
Cadmium	**0.63**		0.57		mg/Kg	☼	08/09/24 15:00	08/13/24 18:32	1
Chromium	**25**		1.1		mg/Kg	☼	08/09/24 15:00	08/13/24 18:32	1
Copper	**19**		2.9		mg/Kg	☼	08/09/24 15:00	08/13/24 18:32	1
Nickel	**13**		4.6		mg/Kg	☼	08/09/24 15:00	08/13/24 18:32	1
Lead	**93**		1.1		mg/Kg	☼	08/09/24 15:00	08/13/24 18:32	1
Zinc	**1300**		29		mg/Kg	☼	08/09/24 15:00	08/13/24 18:37	5

Method: SW846 7471B - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.13	U	0.13		mg/Kg	☼	08/12/24 15:00	08/13/24 12:03	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cyanide, Total (SW846 9012B)	**220**		18		mg/Kg	☼	08/12/24 09:51	08/12/24 15:03	25

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
pH (SW846 9045D)	**10.6**	**HF**	0.1		SU			08/12/24 13:50	1
Corrosivity (SW846 9045D)	**10.6**	**HF**	0.1		SU			08/12/24 13:50	1
Percent Solids (EPA Moisture)	**76.0**		0.1		%			08/12/24 10:21	1

Client Sample Results

Client: THG & Associates
Project/Site: MSC - DITCH

Job ID: 240-209203-1

Client Sample ID: OUTFALL #3 - N

Date Collected: 08/08/24 12:00
Date Received: 08/09/24 10:00

Lab Sample ID: 240-209203-3

Matrix: Solid
Percent Solids: 75.2

Method: SW846 6010D - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Silver	0.89	U	0.89		mg/Kg	☼	08/09/24 15:00	08/13/24 18:41	1
Arsenic	**17**		1.3		mg/Kg	☼	08/09/24 15:00	08/13/24 18:41	1
Cadmium	0.45	U	0.45		mg/Kg	☼	08/09/24 15:00	08/13/24 18:41	1
Chromium	**17**		0.89		mg/Kg	☼	08/09/24 15:00	08/13/24 18:41	1
Copper	**21**		2.2		mg/Kg	☼	08/09/24 15:00	08/13/24 18:41	1
Nickel	**17**		3.6		mg/Kg	☼	08/09/24 15:00	08/13/24 18:41	1
Lead	**26**		0.89		mg/Kg	☼	08/09/24 15:00	08/13/24 18:41	1
Zinc	**230**		4.5		mg/Kg	☼	08/09/24 15:00	08/13/24 18:41	1

Method: SW846 7471B - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.12	U	0.12		mg/Kg	☼	08/12/24 15:00	08/13/24 12:05	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cyanide, Total (SW846 9012B)	**38**		3.6		mg/Kg	☼	08/12/24 09:51	08/12/24 14:36	5

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
pH (SW846 9045D)	**9.6**	**HF**	0.1		SU			08/12/24 14:23	1
Corrosivity (SW846 9045D)	**9.6**	**HF**	0.1		SU			08/12/24 14:23	1
Percent Solids (EPA Moisture)	**75.2**		0.1		%			08/12/24 10:21	1

Client Sample Results

Client: THG & Associates
Project/Site: MSC - DITCH

Job ID: 240-209203-1

Client Sample ID: SS #2 - N

Date Collected: 08/08/24 12:30
Date Received: 08/09/24 10:00

Lab Sample ID: 240-209203-4

Matrix: Solid
Percent Solids: 73.3

Method: SW846 6010D - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Silver	1.2	U	1.2		mg/Kg	☼	08/09/24 15:00	08/13/24 18:45	1
Arsenic	**9.8**		1.7		mg/Kg	☼	08/09/24 15:00	08/13/24 18:45	1
Cadmium	0.58	U	0.58		mg/Kg	☼	08/09/24 15:00	08/13/24 18:45	1
Chromium	**17**		1.2		mg/Kg	☼	08/09/24 15:00	08/13/24 18:45	1
Copper	**19**		2.9		mg/Kg	☼	08/09/24 15:00	08/13/24 18:45	1
Nickel	**20**		4.7		mg/Kg	☼	08/09/24 15:00	08/13/24 18:45	1
Lead	**18**		1.2		mg/Kg	☼	08/09/24 15:00	08/13/24 18:45	1
Zinc	**140**		5.8		mg/Kg	☼	08/09/24 15:00	08/13/24 18:45	1

Method: SW846 7471B - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.13	U	0.13		mg/Kg	☼	08/12/24 15:00	08/13/24 12:06	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cyanide, Total (SW846 9012B)	**14**		0.81		mg/Kg	☼	08/12/24 09:51	08/12/24 13:34	1

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
pH (SW846 9045D)	**8.7**	**HF**	0.1		SU			08/12/24 14:34	1
Corrosivity (SW846 9045D)	**8.7**	**HF**	0.1		SU			08/12/24 14:34	1
Percent Solids (EPA Moisture)	**73.3**		0.1		%			08/12/24 10:21	1

Client: THG & Associates
Project/Site: MSC - DITCH

Job ID: 240-209203-1

Client Sample ID: SS #3 - N
Date Collected: 08/08/24 12:50
Date Received: 08/09/24 10:00

Lab Sample ID: 240-209203-5
Matrix: Solid
Percent Solids: 79.6

Method: SW846 6010D - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Silver	0.92	U	0.92		mg/Kg	☼	08/09/24 15:00	08/13/24 18:50	1
Arsenic	**19**		1.4		mg/Kg	☼	08/09/24 15:00	08/13/24 18:50	1
Cadmium	0.46	U	0.46		mg/Kg	☼	08/09/24 15:00	08/13/24 18:50	1
Chromium	**16**		0.92		mg/Kg	☼	08/09/24 15:00	08/13/24 18:50	1
Copper	**17**		2.3		mg/Kg	☼	08/09/24 15:00	08/13/24 18:50	1
Nickel	**26**		3.7		mg/Kg	☼	08/09/24 15:00	08/13/24 18:50	1
Lead	**13**		0.92		mg/Kg	☼	08/09/24 15:00	08/13/24 18:50	1
Zinc	**460**		4.6		mg/Kg	☼	08/09/24 15:00	08/13/24 18:50	1

Method: SW846 7471B - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.12	U	0.12		mg/Kg	☼	08/12/24 15:00	08/13/24 12:08	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cyanide, Total (SW846 9012B)	**41**		0.56		mg/Kg	☼	08/12/24 09:51	08/12/24 13:36	1

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
pH (SW846 9045D)	**8.6**	**HF**	0.1		SU			08/12/24 14:45	1
Corrosivity (SW846 9045D)	**8.6**	**HF**	0.1		SU			08/12/24 14:45	1
Percent Solids (EPA Moisture)	**79.6**		0.1		%			08/12/24 10:21	1

Client Sample Results

Client: THG & Associates
Project/Site: MSC - DITCH

Job ID: 240-209203-1

Client Sample ID: SS #4 - N

Date Collected: 08/08/24 13:10
Date Received: 08/09/24 10:00

Lab Sample ID: 240-209203-6

Matrix: Solid
Percent Solids: 78.8

Method: SW846 6010D - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Silver	1.1	U	1.1		mg/Kg	☼	08/09/24 15:00	08/13/24 18:54	1
Arsenic	**11**		1.7		mg/Kg	☼	08/09/24 15:00	08/13/24 18:54	1
Cadmium	0.57	U	0.57		mg/Kg	☼	08/09/24 15:00	08/13/24 18:54	1
Chromium	**18**		1.1		mg/Kg	☼	08/09/24 15:00	08/13/24 18:54	1
Copper	**16**		2.9		mg/Kg	☼	08/09/24 15:00	08/13/24 18:54	1
Nickel	**29**		4.6		mg/Kg	☼	08/09/24 15:00	08/13/24 18:54	1
Lead	**12**		1.1		mg/Kg	☼	08/09/24 15:00	08/13/24 18:54	1
Zinc	**440**		5.7		mg/Kg	☼	08/09/24 15:00	08/13/24 18:54	1

Method: SW846 7471B - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.12	U	0.12		mg/Kg	☼	08/12/24 15:00	08/13/24 12:10	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cyanide, Total (SW846 9012B)	**79**		18		mg/Kg	☼	08/12/24 09:51	08/12/24 15:08	25

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
pH (SW846 9045D)	**8.7**	**HF**	0.1		SU			08/12/24 14:56	1
Corrosivity (SW846 9045D)	**8.7**	**HF**	0.1		SU			08/12/24 14:56	1
Percent Solids (EPA Moisture)	**78.8**		0.1		%			08/12/24 10:21	1

Client Sample Results

Client: THG & Associates
Project/Site: MSC - DITCH

Job ID: 240-209203-1

Client Sample ID: SS #5 - N

Date Collected: 08/08/24 13:30
Date Received: 08/09/24 10:00

Lab Sample ID: 240-209203-7

Matrix: Solid
Percent Solids: 79.0

Method: SW846 6010D - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Silver	1.1	U	1.1		mg/Kg	☼	08/09/24 15:00	08/13/24 18:58	1
Arsenic	**13**		1.7		mg/Kg	☼	08/09/24 15:00	08/13/24 18:58	1
Cadmium	0.55	U	0.55		mg/Kg	☼	08/09/24 15:00	08/13/24 18:58	1
Chromium	**14**		1.1		mg/Kg	☼	08/09/24 15:00	08/13/24 18:58	1
Copper	**15**		2.8		mg/Kg	☼	08/09/24 15:00	08/13/24 18:58	1
Nickel	**18**		4.4		mg/Kg	☼	08/09/24 15:00	08/13/24 18:58	1
Lead	**14**		1.1		mg/Kg	☼	08/09/24 15:00	08/13/24 18:58	1
Zinc	**380**		5.5		mg/Kg	☼	08/09/24 15:00	08/13/24 18:58	1

Method: SW846 7471B - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.14	U	0.14		mg/Kg	☼	08/12/24 15:00	08/13/24 12:12	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cyanide, Total (SW846 9012B)	**38**		3.2		mg/Kg	☼	08/12/24 09:51	08/12/24 14:58	5

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
pH (SW846 9045D)	**8.4**	**HF**	0.1		SU			08/12/24 15:07	1
Corrosivity (SW846 9045D)	**8.4**	**HF**	0.1		SU			08/12/24 15:07	1
Percent Solids (EPA Moisture)	**79.0**		0.1		%			08/12/24 10:21	1

Method: 6010D - Metals (ICP)

Lab Sample ID: MB 240-622953/1-A
Matrix: Solid
Analysis Batch: 623240

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 622953

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Silver	1.0	U	1.0		mg/Kg		08/09/24 15:00	08/13/24 17:18	1
Arsenic	1.5	U	1.5		mg/Kg		08/09/24 15:00	08/13/24 17:18	1
Cadmium	0.50	U	0.50		mg/Kg		08/09/24 15:00	08/13/24 17:18	1
Chromium	1.0	U	1.0		mg/Kg		08/09/24 15:00	08/13/24 17:18	1
Copper	2.5	U	2.5		mg/Kg		08/09/24 15:00	08/13/24 17:18	1
Nickel	4.0	U	4.0		mg/Kg		08/09/24 15:00	08/13/24 17:18	1
Lead	1.0	U	1.0		mg/Kg		08/09/24 15:00	08/13/24 17:18	1
Zinc	5.0	U	5.0		mg/Kg		08/09/24 15:00	08/13/24 17:18	1

Lab Sample ID: LCS 240-622953/2-A
Matrix: Solid
Analysis Batch: 623240

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 622953

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Silver	10.0	9.56		mg/Kg		96	80 - 120
Arsenic	200	201		mg/Kg		100	80 - 120
Cadmium	100	99.7		mg/Kg		100	80 - 120
Chromium	100	99.4		mg/Kg		99	80 - 120
Copper	100	98.3		mg/Kg		98	80 - 120
Nickel	100	94.1		mg/Kg		94	80 - 120
Lead	100	99.7		mg/Kg		100	80 - 120
Zinc	100	94.6		mg/Kg		95	80 - 120

Method: 7471B - Mercury (CVAA)

Lab Sample ID: MB 240-623105/1-A
Matrix: Solid
Analysis Batch: 623256

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 623105

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.10	U	0.10		mg/Kg		08/12/24 15:00	08/13/24 11:43	1

Lab Sample ID: LCS 240-623105/2-A
Matrix: Solid
Analysis Batch: 623256

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 623105

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Mercury	0.833	0.846		mg/Kg		101	80 - 120

Lab Sample ID: 240-209203-1 MS
Matrix: Solid
Analysis Batch: 623256

Client Sample ID: OUTFALL #1 - S
Prep Type: Total/NA
Prep Batch: 623105

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Mercury	0.14	U	0.305	0.355		mg/Kg	☼	98	80 - 120

Method: 7471B - Mercury (CVAA) (Continued)

Lab Sample ID: 240-209203-1 MSD
Matrix: Solid
Analysis Batch: 623256

Client Sample ID: OUTFALL #1 - S
Prep Type: Total/NA
Prep Batch: 623105

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Mercury	0.14	U	0.280	0.322		mg/Kg	☼	95	80 - 120	10	20

Method: 9012B - Cyanide, Total andor Amenable

Lab Sample ID: MB 240-623042/1-A
Matrix: Solid
Analysis Batch: 623126

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 623042

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cyanide, Total	0.45	U	0.45		mg/Kg		08/12/24 09:51	08/12/24 12:59	1

Lab Sample ID: LCS 240-623042/2-A
Matrix: Solid
Analysis Batch: 623126

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 623042

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Cyanide, Total	7.27	6.46		mg/Kg		89	65 - 128

Lab Sample ID: 240-209203-4 MS
Matrix: Solid
Analysis Batch: 623126

Client Sample ID: SS #2 - N
Prep Type: Total/NA
Prep Batch: 623042

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Cyanide, Total	14		1.56	63.9	4	mg/Kg	☼	3225	24 - 140

Lab Sample ID: 240-209203-4 MSD
Matrix: Solid
Analysis Batch: 623126

Client Sample ID: SS #2 - N
Prep Type: Total/NA
Prep Batch: 623042

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Cyanide, Total	14		1.49	60.5	4	mg/Kg	☼	3151	24 - 140	5	40

Lab Sample ID: MRL 240-623126/10
Matrix: Solid
Analysis Batch: 623126

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	MRL Result	MRL Qualifier	Unit	D	%Rec	%Rec Limits
Cyanide, Total	0.0100	0.0122		mg/L		122	70 - 130

Method: 9045D - pH

Lab Sample ID: 240-209203-3 DU
Matrix: Solid
Analysis Batch: 623084

Client Sample ID: OUTFALL #3 - N
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	DU Result	DU Qualifier	Unit	D	RPD	RPD Limit
pH	9.6	HF	9.6		SU		0.2	20
Corrosivity	9.6	HF	9.6		SU		0.2	20

Client: THG & Associates
Project/Site: MSC - DITCH

Job ID: 240-209203-1

Method: Moisture - Percent Moisture

Lab Sample ID: 240-209203-5 DU
Matrix: Solid
Analysis Batch: 623058

Client Sample ID: SS #3 - N
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier		DU Result	DU Qualifier	Unit	D			RPD	RPD Limit
Percent Solids	79.6			72.4		%				9	20

Metals

Prep Batch: 622953

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
240-209203-1	OUTFALL #1 - S	Total/NA	Solid	3050B	
240-209203-2	OUTFALL #2 - N	Total/NA	Solid	3050B	
240-209203-3	OUTFALL #3 - N	Total/NA	Solid	3050B	
240-209203-4	SS #2 - N	Total/NA	Solid	3050B	
240-209203-5	SS #3 - N	Total/NA	Solid	3050B	
240-209203-6	SS #4 - N	Total/NA	Solid	3050B	
240-209203-7	SS #5 - N	Total/NA	Solid	3050B	
MB 240-622953/1-A	Method Blank	Total/NA	Solid	3050B	
LCS 240-622953/2-A	Lab Control Sample	Total/NA	Solid	3050B	

Prep Batch: 623105

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
240-209203-1	OUTFALL #1 - S	Total/NA	Solid	7471B	
240-209203-2	OUTFALL #2 - N	Total/NA	Solid	7471B	
240-209203-3	OUTFALL #3 - N	Total/NA	Solid	7471B	
240-209203-4	SS #2 - N	Total/NA	Solid	7471B	
240-209203-5	SS #3 - N	Total/NA	Solid	7471B	
240-209203-6	SS #4 - N	Total/NA	Solid	7471B	
240-209203-7	SS #5 - N	Total/NA	Solid	7471B	
MB 240-623105/1-A	Method Blank	Total/NA	Solid	7471B	
LCS 240-623105/2-A	Lab Control Sample	Total/NA	Solid	7471B	
240-209203-1 MS	OUTFALL #1 - S	Total/NA	Solid	7471B	
240-209203-1 MSD	OUTFALL #1 - S	Total/NA	Solid	7471B	

Analysis Batch: 623240

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
240-209203-1	OUTFALL #1 - S	Total/NA	Solid	6010D	622953
240-209203-2	OUTFALL #2 - N	Total/NA	Solid	6010D	622953
240-209203-2	OUTFALL #2 - N	Total/NA	Solid	6010D	622953
240-209203-3	OUTFALL #3 - N	Total/NA	Solid	6010D	622953
240-209203-4	SS #2 - N	Total/NA	Solid	6010D	622953
240-209203-5	SS #3 - N	Total/NA	Solid	6010D	622953
240-209203-6	SS #4 - N	Total/NA	Solid	6010D	622953
240-209203-7	SS #5 - N	Total/NA	Solid	6010D	622953
MB 240-622953/1-A	Method Blank	Total/NA	Solid	6010D	622953
LCS 240-622953/2-A	Lab Control Sample	Total/NA	Solid	6010D	622953

Analysis Batch: 623256

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
240-209203-1	OUTFALL #1 - S	Total/NA	Solid	7471B	623105
240-209203-2	OUTFALL #2 - N	Total/NA	Solid	7471B	623105
240-209203-3	OUTFALL #3 - N	Total/NA	Solid	7471B	623105
240-209203-4	SS #2 - N	Total/NA	Solid	7471B	623105
240-209203-5	SS #3 - N	Total/NA	Solid	7471B	623105
240-209203-6	SS #4 - N	Total/NA	Solid	7471B	623105
240-209203-7	SS #5 - N	Total/NA	Solid	7471B	623105
MB 240-623105/1-A	Method Blank	Total/NA	Solid	7471B	623105
LCS 240-623105/2-A	Lab Control Sample	Total/NA	Solid	7471B	623105
240-209203-1 MS	OUTFALL #1 - S	Total/NA	Solid	7471B	623105
240-209203-1 MSD	OUTFALL #1 - S	Total/NA	Solid	7471B	623105

General Chemistry

Prep Batch: 623042

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
240-209203-1	OUTFALL #1 - S	Total/NA	Solid	9012B	
240-209203-2	OUTFALL #2 - N	Total/NA	Solid	9012B	
240-209203-3	OUTFALL #3 - N	Total/NA	Solid	9012B	
240-209203-4	SS #2 - N	Total/NA	Solid	9012B	
240-209203-5	SS #3 - N	Total/NA	Solid	9012B	
240-209203-6	SS #4 - N	Total/NA	Solid	9012B	
240-209203-7	SS #5 - N	Total/NA	Solid	9012B	
MB 240-623042/1-A	Method Blank	Total/NA	Solid	9012B	
LCS 240-623042/2-A	Lab Control Sample	Total/NA	Solid	9012B	
240-209203-4 MS	SS #2 - N	Total/NA	Solid	9012B	
240-209203-4 MSD	SS #2 - N	Total/NA	Solid	9012B	

Analysis Batch: 623058

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
240-209203-1	OUTFALL #1 - S	Total/NA	Solid	Moisture	
240-209203-2	OUTFALL #2 - N	Total/NA	Solid	Moisture	
240-209203-3	OUTFALL #3 - N	Total/NA	Solid	Moisture	
240-209203-4	SS #2 - N	Total/NA	Solid	Moisture	
240-209203-5	SS #3 - N	Total/NA	Solid	Moisture	
240-209203-6	SS #4 - N	Total/NA	Solid	Moisture	
240-209203-7	SS #5 - N	Total/NA	Solid	Moisture	
240-209203-5 DU	SS #3 - N	Total/NA	Solid	Moisture	

Analysis Batch: 623084

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
240-209203-1	OUTFALL #1 - S	Total/NA	Solid	9045D	
240-209203-2	OUTFALL #2 - N	Total/NA	Solid	9045D	
240-209203-3	OUTFALL #3 - N	Total/NA	Solid	9045D	
240-209203-4	SS #2 - N	Total/NA	Solid	9045D	
240-209203-5	SS #3 - N	Total/NA	Solid	9045D	
240-209203-6	SS #4 - N	Total/NA	Solid	9045D	
240-209203-7	SS #5 - N	Total/NA	Solid	9045D	
LCS 240-623084/2	Lab Control Sample	Total/NA	Solid	9045D	
240-209203-3 DU	OUTFALL #3 - N	Total/NA	Solid	9045D	

Analysis Batch: 623126

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
240-209203-1	OUTFALL #1 - S	Total/NA	Solid	9012B	623042
240-209203-2	OUTFALL #2 - N	Total/NA	Solid	9012B	623042
240-209203-3	OUTFALL #3 - N	Total/NA	Solid	9012B	623042
240-209203-4	SS #2 - N	Total/NA	Solid	9012B	623042
240-209203-5	SS #3 - N	Total/NA	Solid	9012B	623042
240-209203-6	SS #4 - N	Total/NA	Solid	9012B	623042
240-209203-7	SS #5 - N	Total/NA	Solid	9012B	623042
MB 240-623042/1-A	Method Blank	Total/NA	Solid	9012B	623042
LCS 240-623042/2-A	Lab Control Sample	Total/NA	Solid	9012B	623042
MRL 240-623126/10	Lab Control Sample	Total/NA	Solid	9012B	
240-209203-4 MS	SS #2 - N	Total/NA	Solid	9012B	623042
240-209203-4 MSD	SS #2 - N	Total/NA	Solid	9012B	623042

Lab Chronicle

Client: THG & Associates
Project/Site: MSC - DITCH

Job ID: 240-209203-1

Client Sample ID: OUTFALL #1 - S
Lab Sample ID: 240-209203-1
Date Collected: 08/08/24 10:30
Matrix: Solid
Date Received: 08/09/24 10:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	9045D		1	623084	PQD2	EET CLE	08/12/24 13:39
Total/NA	Analysis	Moisture		1	623058	PQD2	EET CLE	08/12/24 10:21

Client Sample ID: OUTFALL #1 - S
Lab Sample ID: 240-209203-1
Date Collected: 08/08/24 10:30
Matrix: Solid
Date Received: 08/09/24 10:00
Percent Solids: 59.6

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	3050B			622953	DEE	EET CLE	08/09/24 15:00
Total/NA	Analysis	6010D		1	623240	AJC	EET CLE	08/13/24 18:28
Total/NA	Prep	7471B			623105	DEE	EET CLE	08/12/24 15:00
Total/NA	Analysis	7471B		1	623256	GK	EET CLE	08/13/24 11:54
Total/NA	Prep	9012B			623042	C5SV	EET CLE	08/12/24 09:51
Total/NA	Analysis	9012B		1	623126	C5SV	EET CLE	08/12/24 13:25

Client Sample ID: OUTFALL #2 - N
Lab Sample ID: 240-209203-2
Date Collected: 08/08/24 11:30
Matrix: Solid
Date Received: 08/09/24 10:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	9045D		1	623084	PQD2	EET CLE	08/12/24 13:50
Total/NA	Analysis	Moisture		1	623058	PQD2	EET CLE	08/12/24 10:21

Client Sample ID: OUTFALL #2 - N
Lab Sample ID: 240-209203-2
Date Collected: 08/08/24 11:30
Matrix: Solid
Date Received: 08/09/24 10:00
Percent Solids: 76.0

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	3050B			622953	DEE	EET CLE	08/09/24 15:00
Total/NA	Analysis	6010D		1	623240	AJC	EET CLE	08/13/24 18:32
Total/NA	Prep	3050B			622953	DEE	EET CLE	08/09/24 15:00
Total/NA	Analysis	6010D		5	623240	AJC	EET CLE	08/13/24 18:37
Total/NA	Prep	7471B			623105	DEE	EET CLE	08/12/24 15:00
Total/NA	Analysis	7471B		1	623256	GK	EET CLE	08/13/24 12:03
Total/NA	Prep	9012B			623042	C5SV	EET CLE	08/12/24 09:51
Total/NA	Analysis	9012B		25	623126	C5SV	EET CLE	08/12/24 15:03

Client Sample ID: OUTFALL #3 - N
Lab Sample ID: 240-209203-3
Date Collected: 08/08/24 12:00
Matrix: Solid
Date Received: 08/09/24 10:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	9045D		1	623084	PQD2	EET CLE	08/12/24 14:23
Total/NA	Analysis	Moisture		1	623058	PQD2	EET CLE	08/12/24 10:21

Lab Chronicle

Client: THG & Associates
Project/Site: MSC - DITCH

Job ID: 240-209203-1

Client Sample ID: OUTFALL #3 - N
Lab Sample ID: 240-209203-3
Date Collected: 08/08/24 12:00
Matrix: Solid
Date Received: 08/09/24 10:00
Percent Solids: 75.2

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	3050B			622953	DEE	EET CLE	08/09/24 15:00
Total/NA	Analysis	6010D		1	623240	AJC	EET CLE	08/13/24 18:41
Total/NA	Prep	7471B			623105	DEE	EET CLE	08/12/24 15:00
Total/NA	Analysis	7471B		1	623256	GK	EET CLE	08/13/24 12:05
Total/NA	Prep	9012B			623042	C5SV	EET CLE	08/12/24 09:51
Total/NA	Analysis	9012B		5	623126	C5SV	EET CLE	08/12/24 14:36

Client Sample ID: SS #2 - N
Lab Sample ID: 240-209203-4
Date Collected: 08/08/24 12:30
Matrix: Solid
Date Received: 08/09/24 10:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	9045D		1	623084	PQD2	EET CLE	08/12/24 14:34
Total/NA	Analysis	Moisture		1	623058	PQD2	EET CLE	08/12/24 10:21

Client Sample ID: SS #2 - N
Lab Sample ID: 240-209203-4
Date Collected: 08/08/24 12:30
Matrix: Solid
Date Received: 08/09/24 10:00
Percent Solids: 73.3

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	3050B			622953	DEE	EET CLE	08/09/24 15:00
Total/NA	Analysis	6010D		1	623240	AJC	EET CLE	08/13/24 18:45
Total/NA	Prep	7471B			623105	DEE	EET CLE	08/12/24 15:00
Total/NA	Analysis	7471B		1	623256	GK	EET CLE	08/13/24 12:06
Total/NA	Prep	9012B			623042	C5SV	EET CLE	08/12/24 09:51
Total/NA	Analysis	9012B		1	623126	C5SV	EET CLE	08/12/24 13:34

Client Sample ID: SS #3 - N
Lab Sample ID: 240-209203-5
Date Collected: 08/08/24 12:50
Matrix: Solid
Date Received: 08/09/24 10:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	9045D		1	623084	PQD2	EET CLE	08/12/24 14:45
Total/NA	Analysis	Moisture		1	623058	PQD2	EET CLE	08/12/24 10:21

Client Sample ID: SS #3 - N
Lab Sample ID: 240-209203-5
Date Collected: 08/08/24 12:50
Matrix: Solid
Date Received: 08/09/24 10:00
Percent Solids: 79.6

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	3050B			622953	DEE	EET CLE	08/09/24 15:00
Total/NA	Analysis	6010D		1	623240	AJC	EET CLE	08/13/24 18:50
Total/NA	Prep	7471B			623105	DEE	EET CLE	08/12/24 15:00
Total/NA	Analysis	7471B		1	623256	GK	EET CLE	08/13/24 12:08

Lab Chronicle

Client: THG & Associates
Project/Site: MSC - DITCH

Job ID: 240-209203-1

Client Sample ID: SS #3 - N
Lab Sample ID: 240-209203-5
Date Collected: 08/08/24 12:50
Matrix: Solid
Date Received: 08/09/24 10:00
Percent Solids: 79.6

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	9012B			623042	C5SV	EET CLE	08/12/24 09:51
Total/NA	Analysis	9012B		1	623126	C5SV	EET CLE	08/12/24 13:36

Client Sample ID: SS #4 - N
Lab Sample ID: 240-209203-6
Date Collected: 08/08/24 13:10
Matrix: Solid
Date Received: 08/09/24 10:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	9045D		1	623084	PQD2	EET CLE	08/12/24 14:56
Total/NA	Analysis	Moisture		1	623058	PQD2	EET CLE	08/12/24 10:21

Client Sample ID: SS #4 - N
Lab Sample ID: 240-209203-6
Date Collected: 08/08/24 13:10
Matrix: Solid
Date Received: 08/09/24 10:00
Percent Solids: 78.8

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	3050B			622953	DEE	EET CLE	08/09/24 15:00
Total/NA	Analysis	6010D		1	623240	AJC	EET CLE	08/13/24 18:54
Total/NA	Prep	7471B			623105	DEE	EET CLE	08/12/24 15:00
Total/NA	Analysis	7471B		1	623256	GK	EET CLE	08/13/24 12:10
Total/NA	Prep	9012B			623042	C5SV	EET CLE	08/12/24 09:51
Total/NA	Analysis	9012B		25	623126	C5SV	EET CLE	08/12/24 15:08

Client Sample ID: SS #5 - N
Lab Sample ID: 240-209203-7
Date Collected: 08/08/24 13:30
Matrix: Solid
Date Received: 08/09/24 10:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	9045D		1	623084	PQD2	EET CLE	08/12/24 15:07
Total/NA	Analysis	Moisture		1	623058	PQD2	EET CLE	08/12/24 10:21

Client Sample ID: SS #5 - N
Lab Sample ID: 240-209203-7
Date Collected: 08/08/24 13:30
Matrix: Solid
Date Received: 08/09/24 10:00
Percent Solids: 79.0

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	3050B			622953	DEE	EET CLE	08/09/24 15:00
Total/NA	Analysis	6010D		1	623240	AJC	EET CLE	08/13/24 18:58
Total/NA	Prep	7471B			623105	DEE	EET CLE	08/12/24 15:00
Total/NA	Analysis	7471B		1	623256	GK	EET CLE	08/13/24 12:12
Total/NA	Prep	9012B			623042	C5SV	EET CLE	08/12/24 09:51
Total/NA	Analysis	9012B		5	623126	C5SV	EET CLE	08/12/24 14:58

Laboratory References:
EET CLE = Eurofins Cleveland, 180 S. Van Buren Avenue, Barberton, OH 44203, TEL (330)497-9396

Accreditation/Certification Summary

Client: THG & Associates
Project/Site: MSC - DITCH

Job ID: 240-209203-1

Laboratory: Eurofins Cleveland

All accreditations/certifications held by this laboratory are listed. Not all accreditations/certifications are applicable to this report.

Authority	Program	Identification Number	Expiration Date
California	State	2927	02-28-25
Georgia	State	4062	02-27-25
Illinois	NELAP	200004	08-31-25
Iowa	State	421	06-01-25
Kentucky (UST)	State	112225	02-27-25
Kentucky (WW)	State	KY98016	12-30-24
Minnesota	NELAP	039-999-348	12-31-24
New Jersey	NELAP	OH001	07-03-25
New York	NELAP	10975	04-02-25
Ohio VAP	State	ORELAP 4062	02-27-25
Oregon	NELAP	4062	02-28-25
Pennsylvania	NELAP	68-00340	08-31-25
Texas	NELAP	T104704517-22-19	08-31-24
USDA	US Federal Programs	P330-18-00281	01-05-27
Virginia	NELAP	460175	09-14-24
West Virginia DEP	State	210	12-31-24

2.4 | 3.4

Eurofins Cleveland
180 S. Van Buren Avenue
Barberton, OH 44203
Phone (330) 497-9396 Phone (330) 497-0772

Chain of Custody Record

eurofins | Environment Testing

Client Information	Sampler: J. STEUDLER	Lab PM: Howell, Leslie	Carrier Tracking No(s):	COC No: 240-122733-42799.1
Client Contact: Mr. Jim Steudler	Phone: 814.720.2136	E-Mail: Leslie.Howell@et.eurofinsus.com	State of Origin: OH	Page: Page 1 of 11
Company: THG & Associates	PWSID:	Analysis Requested		Job #:
Address: 623 Washington Street	Due Date Requested:			Preservation Codes: N - None D - HNO3 B - NaOH
City: Meadville	TAT Requested (days): 3 DAY TAT			
State, Zip: PA, 16335	Compliance Project: Δ Yes Δ No			
Phone: 814-337-1300(Tel) 814-337-1304(Fax)	PO #: Purchase Order Requested 24-221			
Email: jmsteudler@thgassociates.com	WO #:			
Project Name: Material Sciences Corp	Project #: 24006855			
Site: MSC - DITCH	SSOW#:			Other:

Sample Identification	Sample Date	Sample Time	Sample Type (C=Comp, G=grab)	Matrix (W=water, S=solid, O=waste/oil, BT=Tissue, A=Air)	Field Filtered Sample (Yes or No)	6010D, 7471B, 9012B, Moisture	6010D - CUSTOM METALS	9012B - CN TOTAL	7471B - TOTAL HG	SOIL PH	Total Number of Containers	Special Instructions/Note:
			Preservation Code:									
OUTFALL #1-S	8/8/24	10:30	G	Solid	N	Y	1	1	1	1	1	CUSTOM METALS - As, Co, Cr, Cu, Pb, Ni, Ag, Zn
OUTFALL #2-N	8/8/24	11:30		Solid								
OUTFALL #3-N		12:00		Solid								
SS #2-N		12:30		Solid								
SS #3-N		12:50		Solid								
SS #4-N		1:10		Solid								
SS #5-N		1:30		Solid								
				Solid								
				Solid								
				Solid								

240-209203 Chain of Custody

Possible Hazard Identification
☐ Non-Hazard ☐ Flammable ☐ Skin Irritant ☐ Poison B ☐ Unknown ☐ Radiological

Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)
☐ Return To Client ☑ Disposal By Lab ☐ Archive For _____ Months

Deliverable Requested: I, II, III, IV, Other (specify)

Special Instructions/QC Requirements:

Empty Kit Relinquished by:	Date:	Time:	Method of Shipment:

Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company
J. STEUDLER	8/8/24 3:30PM	THG	JESSICA RIGDON	8-9-24 1000	EETNC
Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company
Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company

Custody Seals Intact: Δ Yes Δ No	Custody Seal No.:	Cooler Temperature(s) °C and Other Remarks:

Eurofins – Cleveland Sample Receipt Form/Narrative **Login # :** _____
Barberton Facility

Client THG + Assoc Site Name _____ Cooler unpacked by: JESSICA RIGDON

Cooler Received on 8 9 24 Opened on 8-9-24

FedEx. 1st Grd Exp (UPS) FAS Waypoint Client Drop Off Eurofins Courier Other _____

Receipt After-hours. Drop-off Date/Time _____ Storage Location _____

Eurofins Cooler # EC Foam Box Client Cooler Box Other _____

Packing material used: (Bubble Wrap) Foam Plastic Bag None Other _____

COOLANT: (Wet Ice) Blue Ice Dry Ice Water None

1 Cooler temperature upon receipt ☐ See Multiple Cooler Form

IR GUN # 19 (CF +1.0 °C) Observed Cooler Temp. 2.4 °C Corrected Cooler Temp. 3.4 °C

2. Were tamper/custody seals on the outside of the cooler(s)? If Yes Quantity 1	(Yes)	No
-Were the seals on the outside of the cooler(s) signed & dated?	(Yes)	No NA
-Were tamper/custody seals on the bottle(s) or bottle kits (LLHg/MeHg)?	Yes	(No)
-Were tamper/custody seals intact and uncompromised?	(Yes)	No NA
3 Shippers' packing slip attached to the cooler(s)?	(Yes)	No
4 Did custody papers accompany the sample(s)?	(Yes)	No
5 Were the custody papers relinquished & signed in the appropriate place?	(Yes)	No
6. Was/were the person(s) who collected the samples clearly identified on the COC?	(Yes)	No
7 Did all bottles arrive in good condition (Unbroken)?	(Yes)	No
8 Could all bottle labels (ID/Date/Time) be reconciled with the COC?	(Yes)	No
9 For each sample, does the COC specify preservatives (Y(N), # of containers (Y(N), and sample type of grab/comp(Y)N)?		
10 Were correct bottle(s) used for the test(s) indicated?	(Yes)	No
11 Sufficient quantity received to perform indicated analyses?	(Yes)	No
12 Are these work share samples and all listed on the COC?	Yes	(No)
If yes, Questions 13-17 have been checked at the originating laboratory		
13 Were all preserved sample(s) at the correct pH upon receipt?	Yes	No (NA) pH Strip Lot# HC442471
14 Were VOAs on the COC?	Yes	(No)
15 Were air bubbles >6 mm in any VOA vials? ● ⬅ Larger than this	Yes	No (NA)
16. Was a VOA trip blank present in the cooler(s)? Trip Blank Lot #_____	Yes	(No)
17 Was a LL Hg or Me Hg trip blank present? _____	Yes	(No)

Tests that are not checked for pH by Receiving:

VOAs
Oil and Grease
TOC

Contacted PM _____ Date _____ by _____ via Verbal Voice Mail Other

Concerning _____

18. CHAIN OF CUSTODY & SAMPLE DISCREPANCIES ☐ additional next page

Samples processed by:

_____

_____

_____

_____

19. SAMPLE CONDITION

Sample(s) _____ were received after the recommended holding time had expired

Sample(s) _____ were received in a broken container

Sample(s) _____ were received with bubble >6 mm in diameter (Notify PM)

20. SAMPLE PRESERVATION

Sample(s) _____ were further preserved in the laboratory

Time preserved. _____ Preservative(s) added/Lot number(s): _____

VOA Sample Preservation - Date/Time VOAs Frozen _____

8/9/2024

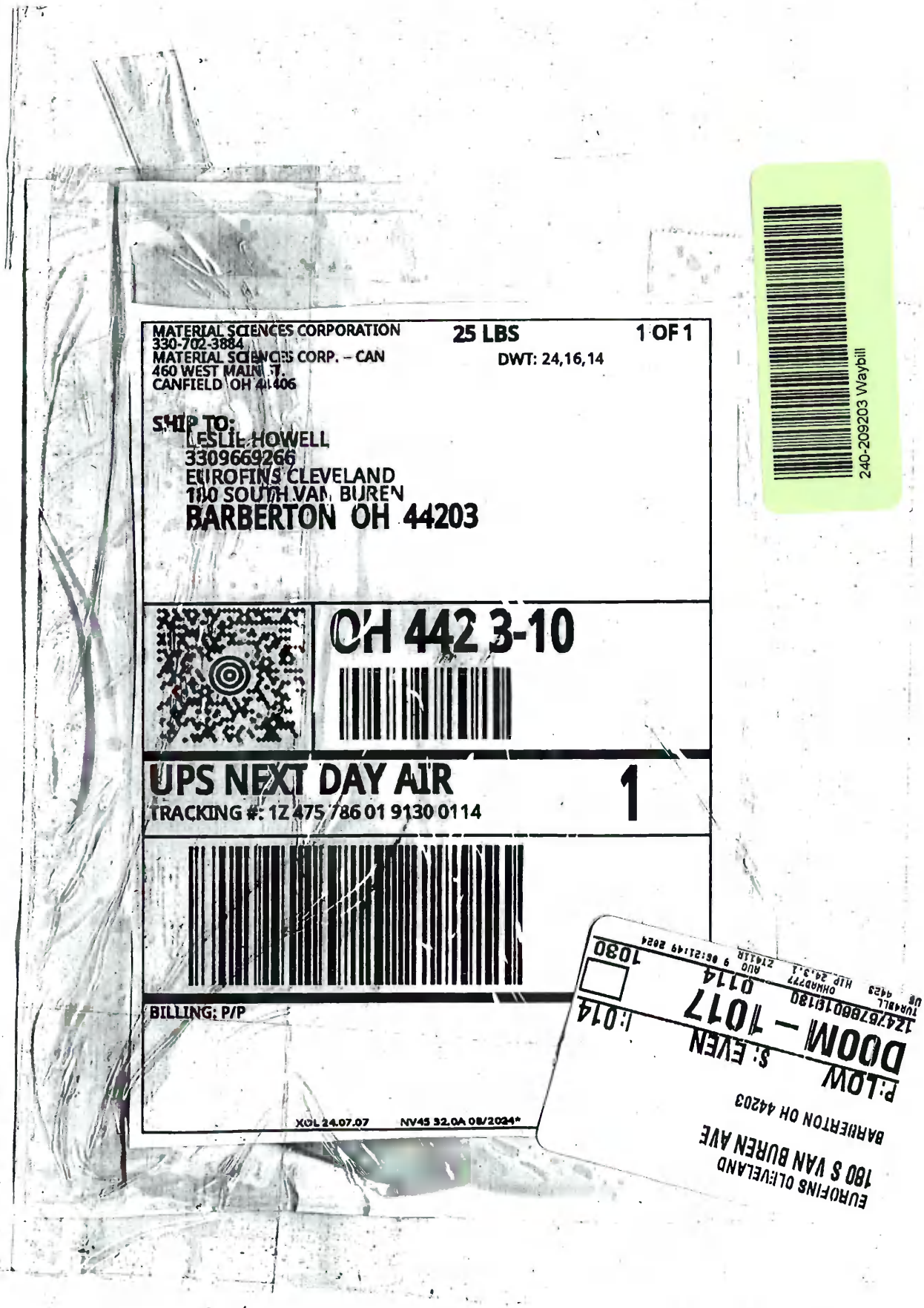
Login Container Summary Report

240-209203

8/14/2024

Temperature readings _____

Client Sample ID	Lab ID	Container Type	Container pH	Container Temp	Preservation Added	Preservation Lot Number
OUTFALL #1 - S	240-209203-A-1	SnapCap 1/2 ounce unpreserved				
OUTFALL #1 - S	240-209203-B-1	Soil jar 8oz - clear glass				
OUTFALL #2 - N	240-209203-A-2	SnapCap 1/2 ounce unpreserved				
OUTFALL #2 - N	240-209203-B-2	Soil jar 8oz - clear glass				
OUTFALL #3 - N	240-209203-A-3	SnapCap 1/2 ounce unpreserved				
OUTFALL #3 - N	240-209203-B-3	Soil jar 8oz - clear glass				
SS #2 - N	240-209203-A-4	SnapCap 1/2 ounce unpreserved				
SS #2 - N	240-209203-B-4	Soil jar 8oz - clear glass				
SS #3 - N	240-209203-A-5	SnapCap 1/2 ounce unpreserved				
SS #3 - N	240-209203-B-5	Soil jar 8oz - clear glass				
SS #4 - N	240-209203-A-6	SnapCap 1/2 ounce unpreserved				
SS #4 - N	240-209203-B-6	Soil jar 8oz - clear glass				
SS #5 - N	240-209203-A-7	SnapCap 1/2 ounce unpreserved				
SS #5 - N	240-209203-B-7	Soil jar 8oz - clear glass				



MATERIAL SCIENCES CORPORATION
330-702-3884
MATERIAL SCIENCES CORP. – CAN
460 WEST MAIN ST.
CANFIELD OH 44406

25 LBS

1 OF 1

DWT: 24,16,14

SHIP TO:
LESLIE HOWELL
3309669266
EUROFINS CLEVELAND
180 SOUTH VAN BUREN
BARBERTON OH 44203

OH 442 3-10

UPS NEXT DAY AIR

1

TRACKING #: 1Z 475 786 01 9130 0114

BILLING: P/P

XOL 24.07.07 NV45 32.0A 08/2024*

240-209203 Waybill

P:LOW S: EVEN I:014
DOOM – 1017
0114
1080
1Z4767860191300
OHMAD777
AUG 9 06:21:49 2024
ZT411R
HIP 24.3.1
TURABLL
US 4423

EUROFINS CLEVELAND
180 S VAN BUREN AVE
BARBERTON OH 44203

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ANALYTICAL REPORT

PREPARED FOR

Attn: Kain Lager-Lowe
August Mack Environmental, Inc.
7830 North Central Drive, Suite B
Lewis Center, Ohio 43035

Generated 10/9/2024 5:35:01 PM

JOB DESCRIPTION

MSC Canfield - Soil

JOB NUMBER

240-212351-1

Eurofins Cleveland
180 S. Van Buren Avenue
Barberton OH 44203

See page two for job notes and contact information.

my EOL

Job Notes

This report may not be reproduced except in full, and with written approval from the laboratory. The results relate only to the samples tested. For questions please contact the Project Manager at the e-mail address or telephone number listed on this page.

The test results in this report relate only to the samples as received by the laboratory and will meet all requirements of the methodology, with any exceptions noted. This report shall not be reproduced except in full, without the express written approval of the laboratory. All questions should be directed to the Eurofins Environment Testing North Central, LLC Project Manager.

Authorization



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10/9/2024 5:35:01 PM

Authorized for release by
Nicole Kalis, Project Manager I
Nicole.Kalis@et.eurofinsus.com
(330)497-9396

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Definitions/Glossary

Client: August Mack Environmental, Inc. Job ID: 240-212351-1
Project/Site: MSC Canfield - Soil

Qualifiers

GC/MS VOA

Qualifier	Qualifier Description
J	Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.

GC/MS Semi VOA

Qualifier	Qualifier Description
J	Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.

GC Semi VOA

Qualifier	Qualifier Description
J	Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.
p	The %RPD between the primary and confirmation column/detector is >40%. The lower value has been reported.
S1-	Surrogate recovery exceeds control limits, low biased.

Metals

Qualifier	Qualifier Description
J	Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.

General Chemistry

Qualifier	Qualifier Description
4	MS, MSD: The analyte present in the original sample is greater than 4 times the matrix spike concentration; therefore, control limits are not applicable.
F3	Duplicate RPD exceeds the control limit

Glossary

Abbreviation	These commonly used abbreviations may or may not be present in this report.
☼	Listed under the "D" column to designate that the result is reported on a dry weight basis
%R	Percent Recovery
CFL	Contains Free Liquid
CFU	Colony Forming Unit
CNF	Contains No Free Liquid
DER	Duplicate Error Ratio (normalized absolute difference)
Dil Fac	Dilution Factor
DL	Detection Limit (DoD/DOE)
DL, RA, RE, IN	Indicates a Dilution, Re-analysis, Re-extraction, or additional Initial metals/anion analysis of the sample
DLC	Decision Level Concentration (Radiochemistry)
EDL	Estimated Detection Limit (Dioxin)
LOD	Limit of Detection (DoD/DOE)
LOQ	Limit of Quantitation (DoD/DOE)
MCL	EPA recommended "Maximum Contaminant Level"
MDA	Minimum Detectable Activity (Radiochemistry)
MDC	Minimum Detectable Concentration (Radiochemistry)
MDL	Method Detection Limit
ML	Minimum Level (Dioxin)
MPN	Most Probable Number
MQL	Method Quantitation Limit
NC	Not Calculated
ND	Not Detected at the reporting limit (or MDL or EDL if shown)
NEG	Negative / Absent
POS	Positive / Present
PQL	Practical Quantitation Limit
PRES	Presumptive
QC	Quality Control
RER	Relative Error Ratio (Radiochemistry)
RL	Reporting Limit or Requested Limit (Radiochemistry)
RPD	Relative Percent Difference, a measure of the relative difference between two points
TEF	Toxicity Equivalent Factor (Dioxin)

Glossary (Continued)

Abbreviation	These commonly used abbreviations may or may not be present in this report.
TEQ	Toxicity Equivalent Quotient (Dioxin)
TNTC	Too Numerous To Count

Job Narrative
240-212351-1

Analytical test results meet all requirements of the associated regulatory program listed on the Accreditation/Certification Summary Page unless otherwise noted under the individual analysis. Data qualifiers and/or narrative comments are included to explain any exceptions, if applicable.

- Matrix QC may not be reported if insufficient sample is provided or site-specific QC samples were not submitted. In these situations, to demonstrate precision and accuracy at a batch level, a LCS/LCSD may be performed, unless otherwise specified in the method.
- Surrogate and/or isotope dilution analyte recoveries (if applicable) which are outside of the QC window are confirmed unless attributed to a dilution or otherwise noted in the narrative.

Regulated compliance samples (e.g. SDWA, NPDES) must comply with the associated agency requirements/permits.

Receipt
The samples were received on 10/3/2024 12:00 PM. Unless otherwise noted below, the samples arrived in good condition, and, where required, properly preserved and on ice. The temperature of the cooler at receipt time was 5.6°C.

GC/MS VOA
Method 8260D: The continuing calibration verification (CCV) analyzed in batch 240-629629 was outside the method criteria for the following analyte(s): Bromomethane. An MRL standard at or below the reporting limit (RL) was analyzed with the affected samplesTB-1-20241003 (240-212351-8), (240-212367-C-1), (240-212367-A-1 MS) and (240-212367-B-1 MSD) and found to be acceptable. As indicated in the reference method, sample analysis may proceed; however, any detection for the affected analyte(s) is considered estimated.

Method 8260D: The method blank for analytical batch 240-629629 contained Bromomethane above the method detection limit (MDL). Associated samples were not re-analyzed because the method blank results were less than the reporting limit (RL) OR practical quantitation limit (PQL).

Method 8260D: The continuing calibration verification (CCV) analyzed in batch 240-629507 was outside the method criteria for the following analyte(s): Bromoform and Bromomethane. A CCV standard at or below the reporting limit (RL) was analyzed with the affected samples and found to be acceptable. As indicated in the reference method, sample analysis may proceed; however, any detection for the affected analyte(s) is considered estimated.

No additional analytical or quality issues were noted, other than those described above or in the Definitions/ Glossary page.

GC/MS Semi VOA
Method 8270E: The continuing calibration verification (CCV) associated with batch 240-629877 recovered above the upper control limit for Hexachlorocyclopentadiene. The sample associated with this CCV was non-detect for the affected analyte; therefore, the data has been reported. The associated sample is impacted: TO-E-0.0 (240-212351-1).

No additional analytical or quality issues were noted, other than those described above or in the Definitions/ Glossary page.

PCBs
Method 8082A: Internal standard (ISTD) response for the following sample exceeded the control limit on Column CLP-2 0.53mm ID: TO-E-2.0 (240-212351-2). As such, the sample results associated with this ISTD were reported from the other column, which met ISTD acceptance criteria.

Method 8082A: The following samples required a tetrabutylammonium sulfite (TBA) clean-up to reduce matrix interferences caused by sulfur: T125-E-0.0 (240-212351-5) and TO-W-2.0 (240-212351-7).

Method 8082A: The DCB Decachlorobiphenyl surrogate recovery for the following samples was outside acceptance limits (low biased) on the primary column: T125-E-0.0 (240-212351-5). The recovery is within acceptance limits on the other column, indicating that the extraction process was in control.

Method 8082A: The following samples required a tetrabutylammonium sulfite (TBA) clean-up to reduce matrix interferences caused by sulfur: TO-C-0.0 (240-212351-3) and TO-W-0.0 (240-212351-4).

Method 8082A: The following samples appear to contain polychlorinated biphenyls (PCBs); however, due to weathering, other

environmental processes and/or contributions from the presence of multiple Aroclors, resulting in overlapping PCB patterns, the PCBs in the samples do not directly match any of the laboratory's Aroclor standards used for instrument calibration: TO-C-0.0 (240-212351-3) and TO-W-0.0 (240-212351-4). The samples have been quantified and reported using the best overall Aroclor/standard pattern match relative to the reference standards.

No additional analytical or quality issues were noted, other than those described above or in the Definitions/ Glossary page.

Metals
Method 6010D: The following sample was diluted due to the nature of the sample matrix: T125-E-0.0 (240-212351-5). Elevated reporting limits (RLs) are provided.

No additional analytical or quality issues were noted, other than those described above or in the Definitions/ Glossary page.

General Chemistry
Method 9012B: The method blank for preparation batch 240-629525 and analytical batch 240-629607 contained Total Cyanide above the method detection limit (MDL) reporting limit (RL). Associated sample(s) were not re-extracted and/or re-analyzed because results were greater than 10X the value found in the method blank.

Method 9012B: The method blank for preparation batch 240-629525 contained total cyanide above the reporting limit (RL). None of the samples associated with this method blank contained the target compound; therefore, re-extraction and/or re-analysis of samples were not performed.

Method 9012B: The matrix spike / matrix spike duplicate (MS/MSD) recoveries for preparation batch 240-629719 and analytical batch 240-629821 were outside control limits. Sample matrix interference is suspected because the associated laboratory control sample (LCS) recovery was within acceptance limits.

Method 9012B: The following sample was diluted due to the nature of the sample matrix: TO-W-2.0 (240-212351-7). Elevated reporting limits (RLs) are provided.

No additional analytical or quality issues were noted, other than those described above or in the Definitions/ Glossary page.

Method Summary

Client: August Mack Environmental, Inc.
Job ID: 240-212351-1
Project/Site: MSC Canfield - Soil

Method	Method Description	Protocol	Laboratory
8260D	Volatile Organic Compounds by GC/MS	SW846	EET CLE
8270E	Semivolatile Organic Compounds (GC/MS)	SW846	EET CLE
8082A	Polychlorinated Biphenyls (PCBs) by Gas Chromatography	SW846	EET CLE
6010D	Metals (ICP)	SW846	EET CLE
7471B	Mercury (CVAA)	SW846	EET CLE
9012B	Cyanide, Total andor Amenable	SW846	EET CLE
Moisture	Percent Moisture	EPA	EET CLE
3050B	Preparation, Metals	SW846	EET CLE
3546	Microwave Extraction	SW846	EET CLE
5030C	Purge and Trap	SW846	EET CLE
7471B	Preparation, Mercury	SW846	EET CLE
9012B	Cyanide, Total and/or Amenable, Distillation	SW846	EET CLE

Protocol References:

EPA = US Environmental Protection Agency

SW846 = "Test Methods For Evaluating Solid Waste, Physical/Chemical Methods", Third Edition, November 1986 And Its Updates.

Laboratory References:

EET CLE = Eurofins Cleveland, 180 S. Van Buren Avenue, Barberton, OH 44203, TEL (330)497-9396

Sample Summary

Client: August Mack Environmental, Inc.
Job ID: 240-212351-1
Project/Site: MSC Canfield - Soil

Lab Sample ID	Client Sample ID	Matrix	Collected	Received
240-212351-1	TO-E-0.0	Solid	10/02/24 14:18	10/03/24 12:00
240-212351-2	TO-E-2.0	Solid	10/02/24 15:00	10/03/24 12:00
240-212351-3	TO-C-0.0	Solid	10/02/24 15:35	10/03/24 12:00
240-212351-4	TO-W-0.0	Solid	10/02/24 15:45	10/03/24 12:00
240-212351-5	T125-E-0.0	Solid	10/02/24 16:03	10/03/24 12:00
240-212351-6	T125-W-0.0	Solid	10/02/24 16:10	10/03/24 12:00
240-212351-7	TO-W-2.0	Solid	10/02/24 16:30	10/03/24 12:00
240-212351-8	TB-1-20241003	Water	10/02/24 00:00	10/03/24 12:00

Detection Summary

Client: August Mack Environmental, Inc.
Project/Site: MSC Canfield - Soil

Job ID: 240-212351-1

Client Sample ID: TO-E-0.0 — Lab Sample ID: 240-212351-1

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
1,1'-Biphenyl	42	J	150	41	ug/Kg	1	☼	8270E	Total/NA
2-Methylnaphthalene	370		58	19	ug/Kg	1	☼	8270E	Total/NA
Acenaphthene	72		58	20	ug/Kg	1	☼	8270E	Total/NA
Acenaphthylene	270		58	22	ug/Kg	1	☼	8270E	Total/NA
Anthracene	260		58	17	ug/Kg	1	☼	8270E	Total/NA
Benzaldehyde	120	J	480	81	ug/Kg	1	☼	8270E	Total/NA
Benzo[a]anthracene	1200		58	22	ug/Kg	1	☼	8270E	Total/NA
Benzo[a]pyrene	1300		58	20	ug/Kg	1	☼	8270E	Total/NA
Benzo[b]fluoranthene	2000		58	17	ug/Kg	1	☼	8270E	Total/NA
Benzo[g,h,i]perylene	1000		58	39	ug/Kg	1	☼	8270E	Total/NA
Benzo[k]fluoranthene	830		58	15	ug/Kg	1	☼	8270E	Total/NA
Carbazole	170		150	39	ug/Kg	1	☼	8270E	Total/NA
Chrysene	1400		58	20	ug/Kg	1	☼	8270E	Total/NA
Dibenz(a,h)anthracene	210		58	22	ug/Kg	1	☼	8270E	Total/NA
Dibenzofuran	150		150	42	ug/Kg	1	☼	8270E	Total/NA
Fluoranthene	2600		58	20	ug/Kg	1	☼	8270E	Total/NA
Fluorene	70		58	20	ug/Kg	1	☼	8270E	Total/NA
Indeno[1,2,3-cd]pyrene	800		58	17	ug/Kg	1	☼	8270E	Total/NA
Naphthalene	260		58	19	ug/Kg	1	☼	8270E	Total/NA
Phenanthrene	1000		58	19	ug/Kg	1	☼	8270E	Total/NA
Pyrene	2100		58	23	ug/Kg	1	☼	8270E	Total/NA
Arsenic	16		1.9	0.40	mg/Kg	1	☼	6010D	Total/NA
Barium	85		26	0.16	mg/Kg	1	☼	6010D	Total/NA
Cadmium	0.41	J	0.64	0.061	mg/Kg	1	☼	6010D	Total/NA
Chromium	24		1.3	0.44	mg/Kg	1	☼	6010D	Total/NA
Copper	30		3.2	0.90	mg/Kg	1	☼	6010D	Total/NA
Lead	39		1.3	0.36	mg/Kg	1	☼	6010D	Total/NA
Selenium	0.83	J	2.6	0.60	mg/Kg	1	☼	6010D	Total/NA
Zinc	140		6.4	4.6	mg/Kg	1	☼	6010D	Total/NA
Mercury	0.046	J	0.15	0.027	mg/Kg	1	☼	7471B	Total/NA
Cyanide, Total	1.5		0.86	0.68	mg/Kg	1	☼	9012B	Total/NA

Client Sample ID: TO-E-2.0 — Lab Sample ID: 240-212351-2

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
2-Methylnaphthalene	140		49	16	ug/Kg	1	☼	8270E	Total/NA
Acenaphthylene	68		49	18	ug/Kg	1	☼	8270E	Total/NA
Anthracene	52		49	15	ug/Kg	1	☼	8270E	Total/NA
Benzo[a]anthracene	240		49	18	ug/Kg	1	☼	8270E	Total/NA
Benzo[a]pyrene	310		49	17	ug/Kg	1	☼	8270E	Total/NA
Benzo[b]fluoranthene	530		49	15	ug/Kg	1	☼	8270E	Total/NA
Benzo[g,h,i]perylene	280		49	33	ug/Kg	1	☼	8270E	Total/NA
Benzo[k]fluoranthene	170		49	12	ug/Kg	1	☼	8270E	Total/NA
Carbazole	34	J	120	33	ug/Kg	1	☼	8270E	Total/NA
Chrysene	320		49	17	ug/Kg	1	☼	8270E	Total/NA
Dibenz(a,h)anthracene	59		49	18	ug/Kg	1	☼	8270E	Total/NA
Dibenzofuran	46	J	120	35	ug/Kg	1	☼	8270E	Total/NA
Fluoranthene	470		49	17	ug/Kg	1	☼	8270E	Total/NA
Indeno[1,2,3-cd]pyrene	210		49	15	ug/Kg	1	☼	8270E	Total/NA
Naphthalene	110		49	16	ug/Kg	1	☼	8270E	Total/NA
Phenanthrene	180		49	16	ug/Kg	1	☼	8270E	Total/NA

This Detection Summary does not include radiochemical test results.

Client Sample ID: TO-E-2.0 (Continued)

Lab Sample ID: 240-212351-2

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Pyrene	410		49	19	ug/Kg	1	☼	8270E	Total/NA
Aroclor-1248	120		59	20	ug/Kg	1	☼	8082A	Total/NA
Arsenic	15		1.6	0.34	mg/Kg	1	☼	6010D	Total/NA
Barium	52		22	0.14	mg/Kg	1	☼	6010D	Total/NA
Cadmium	0.19	J	0.54	0.052	mg/Kg	1	☼	6010D	Total/NA
Chromium	15		1.1	0.37	mg/Kg	1	☼	6010D	Total/NA
Copper	23		2.7	0.76	mg/Kg	1	☼	6010D	Total/NA
Lead	14		1.1	0.30	mg/Kg	1	☼	6010D	Total/NA
Zinc	75		5.4	3.9	mg/Kg	1	☼	6010D	Total/NA
Mercury	0.021	J	0.10	0.019	mg/Kg	1	☼	7471B	Total/NA

Client Sample ID: TO-C-0.0

Lab Sample ID: 240-212351-3

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Methyl acetate	11	J	34	4.6	ug/Kg	1	☼	8260D	Total/NA
2-Methylnaphthalene	190		54	18	ug/Kg	1	☼	8270E	Total/NA
Acenaphthene	57		54	19	ug/Kg	1	☼	8270E	Total/NA
Acenaphthylene	120		54	20	ug/Kg	1	☼	8270E	Total/NA
Anthracene	230		54	16	ug/Kg	1	☼	8270E	Total/NA
Benzo[a]anthracene	1300		54	20	ug/Kg	1	☼	8270E	Total/NA
Benzo[a]pyrene	1500		54	19	ug/Kg	1	☼	8270E	Total/NA
Benzo[b]fluoranthene	3000		54	16	ug/Kg	1	☼	8270E	Total/NA
Benzo[g,h,i]perylene	1600		54	36	ug/Kg	1	☼	8270E	Total/NA
Benzo[k]fluoranthene	940		54	13	ug/Kg	1	☼	8270E	Total/NA
Carbazole	200		130	36	ug/Kg	1	☼	8270E	Total/NA
Chrysene	2000		54	19	ug/Kg	1	☼	8270E	Total/NA
Dibenz(a,h)anthracene	260		54	20	ug/Kg	1	☼	8270E	Total/NA
Dibenzofuran	70	J	130	39	ug/Kg	1	☼	8270E	Total/NA
Fluoranthene	3500		54	19	ug/Kg	1	☼	8270E	Total/NA
Fluorene	49	J	54	19	ug/Kg	1	☼	8270E	Total/NA
Indeno[1,2,3-cd]pyrene	1200		54	16	ug/Kg	1	☼	8270E	Total/NA
Naphthalene	140		54	18	ug/Kg	1	☼	8270E	Total/NA
Phenanthrene	1200		54	18	ug/Kg	1	☼	8270E	Total/NA
Pyrene	2800		54	22	ug/Kg	1	☼	8270E	Total/NA
Aroclor-1242	45	J	67	25	ug/Kg	1	☼	8082A	Total/NA
Arsenic	13		1.9	0.40	mg/Kg	1	☼	6010D	Total/NA
Barium	100		25	0.16	mg/Kg	1	☼	6010D	Total/NA
Cadmium	0.46	J	0.63	0.061	mg/Kg	1	☼	6010D	Total/NA
Chromium	53		1.3	0.44	mg/Kg	1	☼	6010D	Total/NA
Copper	39		3.2	0.89	mg/Kg	1	☼	6010D	Total/NA
Lead	26		1.3	0.36	mg/Kg	1	☼	6010D	Total/NA
Selenium	1.2	J	2.5	0.60	mg/Kg	1	☼	6010D	Total/NA
Silver	0.25	J	1.3	0.10	mg/Kg	1	☼	6010D	Total/NA
Zinc	120		6.3	4.6	mg/Kg	1	☼	6010D	Total/NA
Mercury	0.032	J	0.12	0.022	mg/Kg	1	☼	7471B	Total/NA
Cyanide, Total	2.3		0.81	0.64	mg/Kg	1	☼	9012B	Total/NA

Client Sample ID: TO-W-0.0

Lab Sample ID: 240-212351-4

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
2-Methylnaphthalene	93		50	16	ug/Kg	1	☼	8270E	Total/NA
Acenaphthene	42	J	50	18	ug/Kg	1	☼	8270E	Total/NA

This Detection Summary does not include radiochemical test results.

Client Sample ID: TO-W-0.0 (Continued)

Lab Sample ID: 240-212351-4

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Acenaphthylene	58		50	19	ug/Kg	1	☼	8270E	Total/NA
Anthracene	130		50	15	ug/Kg	1	☼	8270E	Total/NA
Benzo[a]anthracene	720		50	19	ug/Kg	1	☼	8270E	Total/NA
Benzo[a]pyrene	970		50	18	ug/Kg	1	☼	8270E	Total/NA
Benzo[b]fluoranthene	1500		50	15	ug/Kg	1	☼	8270E	Total/NA
Benzo[g,h,i]perylene	810		50	34	ug/Kg	1	☼	8270E	Total/NA
Benzo[k]fluoranthene	510		50	13	ug/Kg	1	☼	8270E	Total/NA
Bis(2-ethylhexyl) phthalate	77	J	190	70	ug/Kg	1	☼	8270E	Total/NA
Carbazole	150		130	34	ug/Kg	1	☼	8270E	Total/NA
Chrysene	1000		50	18	ug/Kg	1	☼	8270E	Total/NA
Dibenz(a,h)anthracene	140		50	19	ug/Kg	1	☼	8270E	Total/NA
Dibenzofuran	43	J	130	36	ug/Kg	1	☼	8270E	Total/NA
Fluoranthene	1900		50	18	ug/Kg	1	☼	8270E	Total/NA
Fluorene	39	J	50	18	ug/Kg	1	☼	8270E	Total/NA
Indeno[1,2,3-cd]pyrene	610		50	15	ug/Kg	1	☼	8270E	Total/NA
Naphthalene	71		50	16	ug/Kg	1	☼	8270E	Total/NA
Phenanthrene	750		50	16	ug/Kg	1	☼	8270E	Total/NA
Pyrene	1500		50	20	ug/Kg	1	☼	8270E	Total/NA
Aroclor-1242	26	J	63	24	ug/Kg	1	☼	8082A	Total/NA
Arsenic	11		1.7	0.36	mg/Kg	1	☼	6010D	Total/NA
Barium	93		23	0.14	mg/Kg	1	☼	6010D	Total/NA
Cadmium	0.42	J	0.56	0.054	mg/Kg	1	☼	6010D	Total/NA
Chromium	94		1.1	0.39	mg/Kg	1	☼	6010D	Total/NA
Copper	35		2.8	0.79	mg/Kg	1	☼	6010D	Total/NA
Lead	27		1.1	0.32	mg/Kg	1	☼	6010D	Total/NA
Selenium	1.0	J	2.3	0.53	mg/Kg	1	☼	6010D	Total/NA
Silver	0.27	J	1.1	0.091	mg/Kg	1	☼	6010D	Total/NA
Zinc	150		5.6	4.1	mg/Kg	1	☼	6010D	Total/NA
Mercury	0.036	J	0.13	0.023	mg/Kg	1	☼	7471B	Total/NA
Cyanide, Total	2.0		0.59	0.47	mg/Kg	1	☼	9012B	Total/NA

Client Sample ID: T125-E-0.0

Lab Sample ID: 240-212351-5

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Methyl acetate	4.9	J	34	4.6	ug/Kg	1	☼	8260D	Total/NA
2-Methylnaphthalene	180		56	18	ug/Kg	1	☼	8270E	Total/NA
Acenaphthene	98		56	20	ug/Kg	1	☼	8270E	Total/NA
Acenaphthylene	83		56	21	ug/Kg	1	☼	8270E	Total/NA
Anthracene	280		56	17	ug/Kg	1	☼	8270E	Total/NA
Benzo[a]anthracene	1200		56	21	ug/Kg	1	☼	8270E	Total/NA
Benzo[a]pyrene	1300		56	20	ug/Kg	1	☼	8270E	Total/NA
Benzo[b]fluoranthene	2100		56	17	ug/Kg	1	☼	8270E	Total/NA
Benzo[g,h,i]perylene	1100		56	38	ug/Kg	1	☼	8270E	Total/NA
Benzo[k]fluoranthene	740		56	14	ug/Kg	1	☼	8270E	Total/NA
Bis(2-ethylhexyl) phthalate	130	J	210	79	ug/Kg	1	☼	8270E	Total/NA
Carbazole	270		140	38	ug/Kg	1	☼	8270E	Total/NA
Chrysene	1500		56	20	ug/Kg	1	☼	8270E	Total/NA
Dibenz(a,h)anthracene	240		56	21	ug/Kg	1	☼	8270E	Total/NA
Dibenzofuran	90	J	140	41	ug/Kg	1	☼	8270E	Total/NA
Fluoranthene	3100		56	20	ug/Kg	1	☼	8270E	Total/NA
Fluorene	89		56	20	ug/Kg	1	☼	8270E	Total/NA

This Detection Summary does not include radiochemical test results.

Client Sample ID: T125-E-0.0 (Continued)

Lab Sample ID: 240-212351-5

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Indeno[1,2,3-cd]pyrene	850		56	17	ug/Kg	1	☼	8270E	Total/NA
Naphthalene	150		56	18	ug/Kg	1	☼	8270E	Total/NA
Phenanthrene	1400		56	18	ug/Kg	1	☼	8270E	Total/NA
Phenol	56	J	140	54	ug/Kg	1	☼	8270E	Total/NA
Pyrene	2400		56	23	ug/Kg	1	☼	8270E	Total/NA
3 & 4 Methylphenol	120	J	560	58	ug/Kg	1	☼	8270E	Total/NA
Aroclor-1242	37	J	68	26	ug/Kg	1	☼	8082A	Total/NA
Aroclor-1254	34	J	68	28	ug/Kg	1	☼	8082A	Total/NA
Arsenic	32		1.9	0.41	mg/Kg	1	☼	6010D	Total/NA
Barium	120		26	0.16	mg/Kg	1	☼	6010D	Total/NA
Cadmium	1.0	J	3.2	0.31	mg/Kg	5	☼	6010D	Total/NA
Chromium	340		1.3	0.45	mg/Kg	1	☼	6010D	Total/NA
Copper	800		16	4.6	mg/Kg	5	☼	6010D	Total/NA
Lead	71		6.5	1.8	mg/Kg	5	☼	6010D	Total/NA
Selenium	1.6	J	2.6	0.61	mg/Kg	1	☼	6010D	Total/NA
Silver	1.1	J	1.3	0.11	mg/Kg	1	☼	6010D	Total/NA
Zinc	5200		32	24	mg/Kg	5	☼	6010D	Total/NA
Mercury	0.040	J	0.13	0.023	mg/Kg	1	☼	7471B	Total/NA
Cyanide, Total	240		18	14	mg/Kg	25	☼	9012B	Total/NA

Client Sample ID: T125-W-0.0

Lab Sample ID: 240-212351-6

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
2-Butanone (MEK)	5.9	J	26	4.7	ug/Kg	1	☼	8260D	Total/NA
Acetone	53		33	28	ug/Kg	1	☼	8260D	Total/NA
2-Methylnaphthalene	170		58	19	ug/Kg	1	☼	8270E	Total/NA
Acenaphthene	200		58	20	ug/Kg	1	☼	8270E	Total/NA
Acenaphthylene	36	J	58	22	ug/Kg	1	☼	8270E	Total/NA
Anthracene	480		58	17	ug/Kg	1	☼	8270E	Total/NA
Benzo[a]anthracene	1400		58	22	ug/Kg	1	☼	8270E	Total/NA
Benzo[a]pyrene	1400		58	20	ug/Kg	1	☼	8270E	Total/NA
Benzo[b]fluoranthene	2300		58	17	ug/Kg	1	☼	8270E	Total/NA
Benzo[g,h,i]perylene	1000		58	39	ug/Kg	1	☼	8270E	Total/NA
Benzo[k]fluoranthene	760		58	15	ug/Kg	1	☼	8270E	Total/NA
Bis(2-ethylhexyl) phthalate	100	J	220	81	ug/Kg	1	☼	8270E	Total/NA
Carbazole	430		150	39	ug/Kg	1	☼	8270E	Total/NA
Chrysene	1700		58	20	ug/Kg	1	☼	8270E	Total/NA
Dibenz(a,h)anthracene	200		58	22	ug/Kg	1	☼	8270E	Total/NA
Dibenzofuran	120	J	150	42	ug/Kg	1	☼	8270E	Total/NA
Fluoranthene	3800		58	20	ug/Kg	1	☼	8270E	Total/NA
Fluorene	170		58	20	ug/Kg	1	☼	8270E	Total/NA
Indeno[1,2,3-cd]pyrene	780		58	17	ug/Kg	1	☼	8270E	Total/NA
Naphthalene	150		58	19	ug/Kg	1	☼	8270E	Total/NA
Phenanthrene	2100		58	19	ug/Kg	1	☼	8270E	Total/NA
Phenol	67	J	150	55	ug/Kg	1	☼	8270E	Total/NA
Pyrene	2900		58	23	ug/Kg	1	☼	8270E	Total/NA
3 & 4 Methylphenol	71	J	580	59	ug/Kg	1	☼	8270E	Total/NA
Aroclor-1242	37	J	70	27	ug/Kg	1	☼	8082A	Total/NA
Aroclor-1254	33	J	70	30	ug/Kg	1	☼	8082A	Total/NA
Arsenic	11		1.5	0.32	mg/Kg	1	☼	6010D	Total/NA
Barium	130		20	0.13	mg/Kg	1	☼	6010D	Total/NA

This Detection Summary does not include radiochemical test results.

Client Sample ID: T125-W-0.0 (Continued)

Lab Sample ID: 240-212351-6

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Cadmium	0.62		0.50	0.048	mg/Kg	1	☼	6010D	Total/NA
Chromium	31		1.0	0.35	mg/Kg	1	☼	6010D	Total/NA
Copper	28		2.5	0.71	mg/Kg	1	☼	6010D	Total/NA
Lead	39		1.0	0.28	mg/Kg	1	☼	6010D	Total/NA
Selenium	0.80	J	2.0	0.47	mg/Kg	1	☼	6010D	Total/NA
Silver	0.22	J	1.0	0.082	mg/Kg	1	☼	6010D	Total/NA
Zinc	3100		50	37	mg/Kg	10	☼	6010D	Total/NA
Mercury	0.044	J	0.15	0.026	mg/Kg	1	☼	7471B	Total/NA
Cyanide, Total	610		38	30	mg/Kg	25	☼	9012B	Total/NA

Client Sample ID: TO-W-2.0

Lab Sample ID: 240-212351-7

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
2-Methylnaphthalene	600	J	1200	380	ug/Kg	25	☼	8270E	Total/NA
Acenaphthene	2100		1200	410	ug/Kg	25	☼	8270E	Total/NA
Anthracene	2100		1200	350	ug/Kg	25	☼	8270E	Total/NA
Benzo[a]anthracene	11000		1200	440	ug/Kg	25	☼	8270E	Total/NA
Benzo[a]pyrene	12000		1200	410	ug/Kg	25	☼	8270E	Total/NA
Benzo[b]fluoranthene	23000		1200	350	ug/Kg	25	☼	8270E	Total/NA
Benzo[g,h,i]perylene	4600		1200	790	ug/Kg	25	☼	8270E	Total/NA
Benzo[k]fluoranthene	7700		1200	290	ug/Kg	25	☼	8270E	Total/NA
Carbazole	4100		2900	790	ug/Kg	25	☼	8270E	Total/NA
Chrysene	16000		1200	410	ug/Kg	25	☼	8270E	Total/NA
Dibenz(a,h)anthracene	1400		1200	440	ug/Kg	25	☼	8270E	Total/NA
Dibenzofuran	1200	J	2900	850	ug/Kg	25	☼	8270E	Total/NA
Fluoranthene	44000		1200	410	ug/Kg	25	☼	8270E	Total/NA
Fluorene	2000		1200	410	ug/Kg	25	☼	8270E	Total/NA
Indeno[1,2,3-cd]pyrene	4400		1200	350	ug/Kg	25	☼	8270E	Total/NA
Phenanthrene	28000		1200	380	ug/Kg	25	☼	8270E	Total/NA
Pyrene	31000		1200	470	ug/Kg	25	☼	8270E	Total/NA
Aroclor-1242	33	J	59	23	ug/Kg	1	☼	8082A	Total/NA
Arsenic	15		1.6	0.33	mg/Kg	1	☼	6010D	Total/NA
Barium	75		21	0.13	mg/Kg	1	☼	6010D	Total/NA
Cadmium	0.40	J	0.52	0.050	mg/Kg	1	☼	6010D	Total/NA
Chromium	31		1.0	0.36	mg/Kg	1	☼	6010D	Total/NA
Copper	30		2.6	0.73	mg/Kg	1	☼	6010D	Total/NA
Lead	33		1.0	0.29	mg/Kg	1	☼	6010D	Total/NA
Selenium	0.81	J	2.1	0.49	mg/Kg	1	☼	6010D	Total/NA
Zinc	190		5.2	3.8	mg/Kg	1	☼	6010D	Total/NA
Mercury	0.040	J	0.12	0.022	mg/Kg	1	☼	7471B	Total/NA

Client Sample ID: TB-1-20241003

Lab Sample ID: 240-212351-8

No Detections.

This Detection Summary does not include radiochemical test results.

Client: August Mack Environmental, Inc.
Project/Site: MSC Canfield - Soil

Job ID: 240-212351-1

Client Sample ID: TO-E-0.0
Date Collected: 10/02/24 14:18
Date Received: 10/03/24 12:00

Lab Sample ID: 240-212351-1
Matrix: Solid
Percent Solids: 69.3

Method: SW846 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		6.6	2.3	ug/Kg	☼	10/04/24 11:04	10/04/24 15:58	1
1,1,2,2-Tetrachloroethane	ND		6.6	1.9	ug/Kg	☼	10/04/24 11:04	10/04/24 15:58	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		6.6	1.7	ug/Kg	☼	10/04/24 11:04	10/04/24 15:58	1
1,1,2-Trichloroethane	ND		6.6	1.5	ug/Kg	☼	10/04/24 11:04	10/04/24 15:58	1
1,1-Dichloroethane	ND		6.6	1.9	ug/Kg	☼	10/04/24 11:04	10/04/24 15:58	1
1,1-Dichloroethene	ND		6.6	2.4	ug/Kg	☼	10/04/24 11:04	10/04/24 15:58	1
1,2,4-Trichlorobenzene	ND		6.6	3.3	ug/Kg	☼	10/04/24 11:04	10/04/24 15:58	1
1,2-Dibromo-3-Chloropropane	ND		13	4.7	ug/Kg	☼	10/04/24 11:04	10/04/24 15:58	1
Ethylene Dibromide	ND		6.6	1.0	ug/Kg	☼	10/04/24 11:04	10/04/24 15:58	1
1,2-Dichlorobenzene	ND		6.6	1.5	ug/Kg	☼	10/04/24 11:04	10/04/24 15:58	1
1,2-Dichloroethane	ND		6.6	2.4	ug/Kg	☼	10/04/24 11:04	10/04/24 15:58	1
1,2-Dichloropropane	ND		6.6	1.1	ug/Kg	☼	10/04/24 11:04	10/04/24 15:58	1
1,3-Dichlorobenzene	ND		6.6	2.2	ug/Kg	☼	10/04/24 11:04	10/04/24 15:58	1
1,4-Dichlorobenzene	ND		6.6	1.2	ug/Kg	☼	10/04/24 11:04	10/04/24 15:58	1
2-Butanone (MEK)	ND		26	4.7	ug/Kg	☼	10/04/24 11:04	10/04/24 15:58	1
2-Hexanone	ND		26	5.4	ug/Kg	☼	10/04/24 11:04	10/04/24 15:58	1
4-Methyl-2-pentanone (MIBK)	ND		26	4.9	ug/Kg	☼	10/04/24 11:04	10/04/24 15:58	1
Acetone	ND		33	28	ug/Kg	☼	10/04/24 11:04	10/04/24 15:58	1
Benzene	ND		6.6	0.92	ug/Kg	☼	10/04/24 11:04	10/04/24 15:58	1
Dichlorobromomethane	ND		6.6	2.0	ug/Kg	☼	10/04/24 11:04	10/04/24 15:58	1
Bromoform	ND		6.6	3.2	ug/Kg	☼	10/04/24 11:04	10/04/24 15:58	1
Bromomethane	ND		6.6	5.5	ug/Kg	☼	10/04/24 11:04	10/04/24 15:58	1
Carbon disulfide	ND		6.6	1.5	ug/Kg	☼	10/04/24 11:04	10/04/24 15:58	1
Carbon tetrachloride	ND		6.6	4.3	ug/Kg	☼	10/04/24 11:04	10/04/24 15:58	1
Chlorobenzene	ND		6.6	1.2	ug/Kg	☼	10/04/24 11:04	10/04/24 15:58	1
Chloroethane	ND		6.6	3.6	ug/Kg	☼	10/04/24 11:04	10/04/24 15:58	1
Chloroform	ND		6.6	1.0	ug/Kg	☼	10/04/24 11:04	10/04/24 15:58	1
Chloromethane	ND		6.6	3.0	ug/Kg	☼	10/04/24 11:04	10/04/24 15:58	1
cis-1,2-Dichloroethene	ND		6.6	1.9	ug/Kg	☼	10/04/24 11:04	10/04/24 15:58	1
cis-1,3-Dichloropropene	ND		6.6	3.8	ug/Kg	☼	10/04/24 11:04	10/04/24 15:58	1
Cyclohexane	ND		13	1.8	ug/Kg	☼	10/04/24 11:04	10/04/24 15:58	1
Chlorodibromomethane	ND		6.6	3.7	ug/Kg	☼	10/04/24 11:04	10/04/24 15:58	1
Dichlorodifluoromethane	ND		6.6	3.0	ug/Kg	☼	10/04/24 11:04	10/04/24 15:58	1
Ethylbenzene	ND		6.6	1.4	ug/Kg	☼	10/04/24 11:04	10/04/24 15:58	1
Isopropylbenzene	ND		6.6	2.5	ug/Kg	☼	10/04/24 11:04	10/04/24 15:58	1
Methyl acetate	ND		33	4.5	ug/Kg	☼	10/04/24 11:04	10/04/24 15:58	1
Methyl tert-butyl ether	ND		6.6	2.6	ug/Kg	☼	10/04/24 11:04	10/04/24 15:58	1
Methylcyclohexane	ND		13	1.6	ug/Kg	☼	10/04/24 11:04	10/04/24 15:58	1
Methylene Chloride	ND		33	16	ug/Kg	☼	10/04/24 11:04	10/04/24 15:58	1
Styrene	ND		6.6	1.5	ug/Kg	☼	10/04/24 11:04	10/04/24 15:58	1
Tetrachloroethene	ND		6.6	5.1	ug/Kg	☼	10/04/24 11:04	10/04/24 15:58	1
Toluene	ND		6.6	1.0	ug/Kg	☼	10/04/24 11:04	10/04/24 15:58	1
trans-1,2-Dichloroethene	ND		6.6	1.9	ug/Kg	☼	10/04/24 11:04	10/04/24 15:58	1
trans-1,3-Dichloropropene	ND		6.6	4.9	ug/Kg	☼	10/04/24 11:04	10/04/24 15:58	1
Trichloroethene	ND		6.6	1.9	ug/Kg	☼	10/04/24 11:04	10/04/24 15:58	1
Trichlorofluoromethane	ND		6.6	3.5	ug/Kg	☼	10/04/24 11:04	10/04/24 15:58	1
Vinyl chloride	ND		6.6	2.3	ug/Kg	☼	10/04/24 11:04	10/04/24 15:58	1
Xylenes, Total	ND		13	2.1	ug/Kg	☼	10/04/24 11:04	10/04/24 15:58	1

Client: August Mack Environmental, Inc.
Project/Site: MSC Canfield - Soil

Job ID: 240-212351-1

Client Sample ID: TO-E-0.0
Date Collected: 10/02/24 14:18
Date Received: 10/03/24 12:00

Lab Sample ID: 240-212351-1
Matrix: Solid
Percent Solids: 69.3

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Toluene-d8 (Surr)	*101*		*56 - 125*	*10/04/24 11:04*	*10/04/24 15:58*	*1*
Dibromofluoromethane (Surr)	*91*		*41 - 138*	*10/04/24 11:04*	*10/04/24 15:58*	*1*
4-Bromofluorobenzene (Surr)	*96*		*41 - 143*	*10/04/24 11:04*	*10/04/24 15:58*	*1*
1,2-Dichloroethane-d4 (Surr)	*98*		*58 - 125*	*10/04/24 11:04*	*10/04/24 15:58*	*1*

Method: SW846 8270E - Semivolatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1'-Biphenyl	**42**	**J**	150	41	ug/Kg	☼	10/04/24 09:02	10/08/24 11:06	1
bis (2-chloroisopropyl) ether	ND		150	38	ug/Kg	☼	10/04/24 09:02	10/08/24 11:06	1
2,4,5-Trichlorophenol	ND		220	48	ug/Kg	☼	10/04/24 09:02	10/08/24 11:06	1
2,4,6-Trichlorophenol	ND		220	42	ug/Kg	☼	10/04/24 09:02	10/08/24 11:06	1
2,4-Dichlorophenol	ND		220	39	ug/Kg	☼	10/04/24 09:02	10/08/24 11:06	1
2,4-Dimethylphenol	ND		220	52	ug/Kg	☼	10/04/24 09:02	10/08/24 11:06	1
2,4-Dinitrophenol	ND		480	250	ug/Kg	☼	10/04/24 09:02	10/08/24 11:06	1
2,4-Dinitrotoluene	ND		290	33	ug/Kg	☼	10/04/24 09:02	10/08/24 11:06	1
2,6-Dinitrotoluene	ND		290	52	ug/Kg	☼	10/04/24 09:02	10/08/24 11:06	1
2-Chloronaphthalene	ND		150	41	ug/Kg	☼	10/04/24 09:02	10/08/24 11:06	1
2-Chlorophenol	ND		150	38	ug/Kg	☼	10/04/24 09:02	10/08/24 11:06	1
2-Methylnaphthalene	**370**		58	19	ug/Kg	☼	10/04/24 09:02	10/08/24 11:06	1
2-Methylphenol	ND		290	59	ug/Kg	☼	10/04/24 09:02	10/08/24 11:06	1
2-Nitroaniline	ND		290	55	ug/Kg	☼	10/04/24 09:02	10/08/24 11:06	1
2-Nitrophenol	ND		150	51	ug/Kg	☼	10/04/24 09:02	10/08/24 11:06	1
3,3'-Dichlorobenzidine	ND		220	140	ug/Kg	☼	10/04/24 09:02	10/08/24 11:06	1
3-Nitroaniline	ND		290	51	ug/Kg	☼	10/04/24 09:02	10/08/24 11:06	1
4,6-Dinitro-2-methylphenol	ND		480	150	ug/Kg	☼	10/04/24 09:02	10/08/24 11:06	1
4-Bromophenyl phenyl ether	ND		150	46	ug/Kg	☼	10/04/24 09:02	10/08/24 11:06	1
4-Chloro-3-methylphenol	ND		220	55	ug/Kg	☼	10/04/24 09:02	10/08/24 11:06	1
4-Chloroaniline	ND		220	23	ug/Kg	☼	10/04/24 09:02	10/08/24 11:06	1
4-Chlorophenyl phenyl ether	ND		150	41	ug/Kg	☼	10/04/24 09:02	10/08/24 11:06	1
4-Nitroaniline	ND		290	38	ug/Kg	☼	10/04/24 09:02	10/08/24 11:06	1
4-Nitrophenol	ND		480	130	ug/Kg	☼	10/04/24 09:02	10/08/24 11:06	1
Acenaphthene	**72**		58	20	ug/Kg	☼	10/04/24 09:02	10/08/24 11:06	1
Acenaphthylene	**270**		58	22	ug/Kg	☼	10/04/24 09:02	10/08/24 11:06	1
Acetophenone	ND		150	36	ug/Kg	☼	10/04/24 09:02	10/08/24 11:06	1
Anthracene	**260**		58	17	ug/Kg	☼	10/04/24 09:02	10/08/24 11:06	1
Atrazine	ND		480	100	ug/Kg	☼	10/04/24 09:02	10/08/24 11:06	1
Benzaldehyde	**120**	**J**	480	81	ug/Kg	☼	10/04/24 09:02	10/08/24 11:06	1
Benzo[a]anthracene	**1200**		58	22	ug/Kg	☼	10/04/24 09:02	10/08/24 11:06	1
Benzo[a]pyrene	**1300**		58	20	ug/Kg	☼	10/04/24 09:02	10/08/24 11:06	1
Benzo[b]fluoranthene	**2000**		58	17	ug/Kg	☼	10/04/24 09:02	10/08/24 11:06	1
Benzo[g,h,i]perylene	**1000**		58	39	ug/Kg	☼	10/04/24 09:02	10/08/24 11:06	1
Benzo[k]fluoranthene	**830**		58	15	ug/Kg	☼	10/04/24 09:02	10/08/24 11:06	1
Bis(2-chloroethoxy)methane	ND		150	29	ug/Kg	☼	10/04/24 09:02	10/08/24 11:06	1
Bis(2-chloroethyl)ether	ND		150	32	ug/Kg	☼	10/04/24 09:02	10/08/24 11:06	1
Bis(2-ethylhexyl) phthalate	ND		220	81	ug/Kg	☼	10/04/24 09:02	10/08/24 11:06	1
Butyl benzyl phthalate	ND		220	74	ug/Kg	☼	10/04/24 09:02	10/08/24 11:06	1
Caprolactam	ND		480	100	ug/Kg	☼	10/04/24 09:02	10/08/24 11:06	1
Carbazole	**170**		150	39	ug/Kg	☼	10/04/24 09:02	10/08/24 11:06	1
Chrysene	**1400**		58	20	ug/Kg	☼	10/04/24 09:02	10/08/24 11:06	1
Dibenz(a,h)anthracene	**210**		58	22	ug/Kg	☼	10/04/24 09:02	10/08/24 11:06	1

Client: August Mack Environmental, Inc.
Project/Site: MSC Canfield - Soil

Job ID: 240-212351-1

Client Sample ID: TO-E-0.0
Date Collected: 10/02/24 14:18
Date Received: 10/03/24 12:00

Lab Sample ID: 240-212351-1
Matrix: Solid
Percent Solids: 69.3

Method: SW846 8270E - Semivolatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Dibenzofuran	**150**		150	42	ug/Kg	☼	10/04/24 09:02	10/08/24 11:06	1
Diethyl phthalate	ND		220	62	ug/Kg	☼	10/04/24 09:02	10/08/24 11:06	1
Dimethyl phthalate	ND		220	58	ug/Kg	☼	10/04/24 09:02	10/08/24 11:06	1
Di-n-butyl phthalate	ND		220	74	ug/Kg	☼	10/04/24 09:02	10/08/24 11:06	1
Di-n-octyl phthalate	ND		220	73	ug/Kg	☼	10/04/24 09:02	10/08/24 11:06	1
Fluoranthene	**2600**		58	20	ug/Kg	☼	10/04/24 09:02	10/08/24 11:06	1
Fluorene	**70**		58	20	ug/Kg	☼	10/04/24 09:02	10/08/24 11:06	1
Hexachlorobenzene	ND		58	20	ug/Kg	☼	10/04/24 09:02	10/08/24 11:06	1
Hexachlorobutadiene	ND		150	30	ug/Kg	☼	10/04/24 09:02	10/08/24 11:06	1
Hexachlorocyclopentadiene	ND		480	57	ug/Kg	☼	10/04/24 09:02	10/08/24 11:06	1
Hexachloroethane	ND		150	46	ug/Kg	☼	10/04/24 09:02	10/08/24 11:06	1
Indeno[1,2,3-cd]pyrene	**800**		58	17	ug/Kg	☼	10/04/24 09:02	10/08/24 11:06	1
Isophorone	ND		150	38	ug/Kg	☼	10/04/24 09:02	10/08/24 11:06	1
N-Nitrosodi-n-propylamine	ND		150	54	ug/Kg	☼	10/04/24 09:02	10/08/24 11:06	1
N-Nitrosodiphenylamine	ND		150	39	ug/Kg	☼	10/04/24 09:02	10/08/24 11:06	1
Naphthalene	**260**		58	19	ug/Kg	☼	10/04/24 09:02	10/08/24 11:06	1
Nitrobenzene	ND		150	32	ug/Kg	☼	10/04/24 09:02	10/08/24 11:06	1
Pentachlorophenol	ND		390	150	ug/Kg	☼	10/04/24 09:02	10/08/24 11:06	1
Phenanthrene	**1000**		58	19	ug/Kg	☼	10/04/24 09:02	10/08/24 11:06	1
Phenol	ND		150	55	ug/Kg	☼	10/04/24 09:02	10/08/24 11:06	1
Pyrene	**2100**		58	23	ug/Kg	☼	10/04/24 09:02	10/08/24 11:06	1
3 & 4 Methylphenol	ND		580	59	ug/Kg	☼	10/04/24 09:02	10/08/24 11:06	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Terphenyl-d14 (Surr)	*81*		*37 - 120*	*10/04/24 09:02*	*10/08/24 11:06*	*1*
Phenol-d5 (Surr)	*82*		*29 - 120*	*10/04/24 09:02*	*10/08/24 11:06*	*1*
Nitrobenzene-d5 (Surr)	*76*		*28 - 120*	*10/04/24 09:02*	*10/08/24 11:06*	*1*
2-Fluorophenol (Surr)	*79*		*26 - 120*	*10/04/24 09:02*	*10/08/24 11:06*	*1*
2-Fluorobiphenyl (Surr)	*88*		*36 - 120*	*10/04/24 09:02*	*10/08/24 11:06*	*1*
2,4,6-Tribromophenol (Surr)	*100*		*10 - 120*	*10/04/24 09:02*	*10/08/24 11:06*	*1*

Method: SW846 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aroclor-1016	ND		71	35	ug/Kg	☼	10/04/24 09:47	10/04/24 21:50	1
Aroclor-1221	ND		71	43	ug/Kg	☼	10/04/24 09:47	10/04/24 21:50	1
Aroclor-1232	ND		71	30	ug/Kg	☼	10/04/24 09:47	10/04/24 21:50	1
Aroclor-1242	ND		71	27	ug/Kg	☼	10/04/24 09:47	10/04/24 21:50	1
Aroclor-1248	ND		71	24	ug/Kg	☼	10/04/24 09:47	10/04/24 21:50	1
Aroclor-1254	ND		71	30	ug/Kg	☼	10/04/24 09:47	10/04/24 21:50	1
Aroclor-1260	ND		71	30	ug/Kg	☼	10/04/24 09:47	10/04/24 21:50	1
Aroclor-1262	ND		71	31	ug/Kg	☼	10/04/24 09:47	10/04/24 21:50	1
Aroclor-1268	ND		71	23	ug/Kg	☼	10/04/24 09:47	10/04/24 21:50	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Tetrachloro-m-xylene	*70*		*10 - 149*	*10/04/24 09:47*	*10/04/24 21:50*	*1*
DCB Decachlorobiphenyl	*47*		*10 - 174*	*10/04/24 09:47*	*10/04/24 21:50*	*1*

Method: SW846 6010D - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	**16**		1.9	0.40	mg/Kg	☼	10/04/24 15:00	10/06/24 00:25	1

Client: August Mack Environmental, Inc.
Project/Site: MSC Canfield - Soil

Job ID: 240-212351-1

Client Sample ID: TO-E-0.0
Date Collected: 10/02/24 14:18
Date Received: 10/03/24 12:00

Lab Sample ID: 240-212351-1
Matrix: Solid
Percent Solids: 69.3

Method: SW846 6010D - Metals (ICP) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Barium	85		26	0.16	mg/Kg	☼	10/04/24 15:00	10/06/24 00:25	1
Cadmium	0.41	J	0.64	0.061	mg/Kg	☼	10/04/24 15:00	10/06/24 00:25	1
Chromium	24		1.3	0.44	mg/Kg	☼	10/04/24 15:00	10/06/24 00:25	1
Copper	30		3.2	0.90	mg/Kg	☼	10/04/24 15:00	10/06/24 00:25	1
Lead	39		1.3	0.36	mg/Kg	☼	10/04/24 15:00	10/06/24 00:25	1
Selenium	0.83	J	2.6	0.60	mg/Kg	☼	10/04/24 15:00	10/06/24 00:25	1
Silver	ND		1.3	0.10	mg/Kg	☼	10/04/24 15:00	10/06/24 00:25	1
Zinc	140		6.4	4.6	mg/Kg	☼	10/04/24 15:00	10/06/24 00:25	1

Method: SW846 7471B - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.046	J	0.15	0.027	mg/Kg	☼	10/04/24 15:00	10/07/24 12:00	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cyanide, Total (SW846 9012B)	1.5		0.86	0.68	mg/Kg	☼	10/04/24 09:22	10/04/24 12:36	1

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Solids (EPA Moisture)	69.3		0.1	0.1	%			10/03/24 19:07	1
Percent Moisture (EPA Moisture)	30.7		0.1	0.1	%			10/03/24 19:07	1

Client: August Mack Environmental, Inc.
Project/Site: MSC Canfield - Soil

Job ID: 240-212351-1

Client Sample ID: TO-E-2.0
Date Collected: 10/02/24 15:00
Date Received: 10/03/24 12:00

Lab Sample ID: 240-212351-2
Matrix: Solid
Percent Solids: 82.6

Method: SW846 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		5.8	2.1	ug/Kg	☼	10/04/24 11:04	10/04/24 16:18	1
1,1,2,2-Tetrachloroethane	ND		5.8	1.7	ug/Kg	☼	10/04/24 11:04	10/04/24 16:18	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		5.8	1.5	ug/Kg	☼	10/04/24 11:04	10/04/24 16:18	1
1,1,2-Trichloroethane	ND		5.8	1.3	ug/Kg	☼	10/04/24 11:04	10/04/24 16:18	1
1,1-Dichloroethane	ND		5.8	1.6	ug/Kg	☼	10/04/24 11:04	10/04/24 16:18	1
1,1-Dichloroethene	ND		5.8	2.1	ug/Kg	☼	10/04/24 11:04	10/04/24 16:18	1
1,2,4-Trichlorobenzene	ND		5.8	2.9	ug/Kg	☼	10/04/24 11:04	10/04/24 16:18	1
1,2-Dibromo-3-Chloropropane	ND		12	4.2	ug/Kg	☼	10/04/24 11:04	10/04/24 16:18	1
Ethylene Dibromide	ND		5.8	0.90	ug/Kg	☼	10/04/24 11:04	10/04/24 16:18	1
1,2-Dichlorobenzene	ND		5.8	1.3	ug/Kg	☼	10/04/24 11:04	10/04/24 16:18	1
1,2-Dichloroethane	ND		5.8	2.1	ug/Kg	☼	10/04/24 11:04	10/04/24 16:18	1
1,2-Dichloropropane	ND		5.8	0.99	ug/Kg	☼	10/04/24 11:04	10/04/24 16:18	1
1,3-Dichlorobenzene	ND		5.8	1.9	ug/Kg	☼	10/04/24 11:04	10/04/24 16:18	1
1,4-Dichlorobenzene	ND		5.8	1.0	ug/Kg	☼	10/04/24 11:04	10/04/24 16:18	1
2-Butanone (MEK)	ND		23	4.1	ug/Kg	☼	10/04/24 11:04	10/04/24 16:18	1
2-Hexanone	ND		23	4.8	ug/Kg	☼	10/04/24 11:04	10/04/24 16:18	1
4-Methyl-2-pentanone (MIBK)	ND		23	4.3	ug/Kg	☼	10/04/24 11:04	10/04/24 16:18	1
Acetone	ND		29	24	ug/Kg	☼	10/04/24 11:04	10/04/24 16:18	1
Benzene	ND		5.8	0.81	ug/Kg	☼	10/04/24 11:04	10/04/24 16:18	1
Dichlorobromomethane	ND		5.8	1.7	ug/Kg	☼	10/04/24 11:04	10/04/24 16:18	1
Bromoform	ND		5.8	2.8	ug/Kg	☼	10/04/24 11:04	10/04/24 16:18	1
Bromomethane	ND		5.8	4.8	ug/Kg	☼	10/04/24 11:04	10/04/24 16:18	1
Carbon disulfide	ND		5.8	1.4	ug/Kg	☼	10/04/24 11:04	10/04/24 16:18	1
Carbon tetrachloride	ND		5.8	3.8	ug/Kg	☼	10/04/24 11:04	10/04/24 16:18	1
Chlorobenzene	ND		5.8	1.1	ug/Kg	☼	10/04/24 11:04	10/04/24 16:18	1
Chloroethane	ND		5.8	3.2	ug/Kg	☼	10/04/24 11:04	10/04/24 16:18	1
Chloroform	ND		5.8	0.92	ug/Kg	☼	10/04/24 11:04	10/04/24 16:18	1
Chloromethane	ND		5.8	2.7	ug/Kg	☼	10/04/24 11:04	10/04/24 16:18	1
cis-1,2-Dichloroethene	ND		5.8	1.7	ug/Kg	☼	10/04/24 11:04	10/04/24 16:18	1
cis-1,3-Dichloropropene	ND		5.8	3.4	ug/Kg	☼	10/04/24 11:04	10/04/24 16:18	1
Cyclohexane	ND		12	1.6	ug/Kg	☼	10/04/24 11:04	10/04/24 16:18	1
Chlorodibromomethane	ND		5.8	3.2	ug/Kg	☼	10/04/24 11:04	10/04/24 16:18	1
Dichlorodifluoromethane	ND		5.8	2.6	ug/Kg	☼	10/04/24 11:04	10/04/24 16:18	1
Ethylbenzene	ND		5.8	1.2	ug/Kg	☼	10/04/24 11:04	10/04/24 16:18	1
Isopropylbenzene	ND		5.8	2.2	ug/Kg	☼	10/04/24 11:04	10/04/24 16:18	1
Methyl acetate	ND		29	4.0	ug/Kg	☼	10/04/24 11:04	10/04/24 16:18	1
Methyl tert-butyl ether	ND		5.8	2.3	ug/Kg	☼	10/04/24 11:04	10/04/24 16:18	1
Methylcyclohexane	ND		12	1.4	ug/Kg	☼	10/04/24 11:04	10/04/24 16:18	1
Methylene Chloride	ND		29	14	ug/Kg	☼	10/04/24 11:04	10/04/24 16:18	1
Styrene	ND		5.8	1.3	ug/Kg	☼	10/04/24 11:04	10/04/24 16:18	1
Tetrachloroethene	ND		5.8	4.5	ug/Kg	☼	10/04/24 11:04	10/04/24 16:18	1
Toluene	ND		5.8	0.90	ug/Kg	☼	10/04/24 11:04	10/04/24 16:18	1
trans-1,2-Dichloroethene	ND		5.8	1.7	ug/Kg	☼	10/04/24 11:04	10/04/24 16:18	1
trans-1,3-Dichloropropene	ND		5.8	4.3	ug/Kg	☼	10/04/24 11:04	10/04/24 16:18	1
Trichloroethene	ND		5.8	1.7	ug/Kg	☼	10/04/24 11:04	10/04/24 16:18	1
Trichlorofluoromethane	ND		5.8	3.1	ug/Kg	☼	10/04/24 11:04	10/04/24 16:18	1
Vinyl chloride	ND		5.8	2.1	ug/Kg	☼	10/04/24 11:04	10/04/24 16:18	1
Xylenes, Total	ND		12	1.8	ug/Kg	☼	10/04/24 11:04	10/04/24 16:18	1

Client: August Mack Environmental, Inc.
Project/Site: MSC Canfield - Soil

Job ID: 240-212351-1

Client Sample ID: TO-E-2.0
Date Collected: 10/02/24 15:00
Date Received: 10/03/24 12:00

Lab Sample ID: 240-212351-2
Matrix: Solid
Percent Solids: 82.6

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Toluene-d8 (Surr)	*92*		*56 - 125*	*10/04/24 11:04*	*10/04/24 16:18*	*1*
Dibromofluoromethane (Surr)	*86*		*41 - 138*	*10/04/24 11:04*	*10/04/24 16:18*	*1*
4-Bromofluorobenzene (Surr)	*91*		*41 - 143*	*10/04/24 11:04*	*10/04/24 16:18*	*1*
1,2-Dichloroethane-d4 (Surr)	*93*		*58 - 125*	*10/04/24 11:04*	*10/04/24 16:18*	*1*

Method: SW846 8270E - Semivolatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1'-Biphenyl	ND		120	34	ug/Kg	☼	10/04/24 09:02	10/07/24 12:24	1
bis (2-chloroisopropyl) ether	ND		120	32	ug/Kg	☼	10/04/24 09:02	10/07/24 12:24	1
2,4,5-Trichlorophenol	ND		180	40	ug/Kg	☼	10/04/24 09:02	10/07/24 12:24	1
2,4,6-Trichlorophenol	ND		180	35	ug/Kg	☼	10/04/24 09:02	10/07/24 12:24	1
2,4-Dichlorophenol	ND		180	33	ug/Kg	☼	10/04/24 09:02	10/07/24 12:24	1
2,4-Dimethylphenol	ND		180	44	ug/Kg	☼	10/04/24 09:02	10/07/24 12:24	1
2,4-Dinitrophenol	ND		400	210	ug/Kg	☼	10/04/24 09:02	10/07/24 12:24	1
2,4-Dinitrotoluene	ND		240	28	ug/Kg	☼	10/04/24 09:02	10/07/24 12:24	1
2,6-Dinitrotoluene	ND		240	44	ug/Kg	☼	10/04/24 09:02	10/07/24 12:24	1
2-Chloronaphthalene	ND		120	34	ug/Kg	☼	10/04/24 09:02	10/07/24 12:24	1
2-Chlorophenol	ND		120	32	ug/Kg	☼	10/04/24 09:02	10/07/24 12:24	1
2-Methylnaphthalene	**140**		49	16	ug/Kg	☼	10/04/24 09:02	10/07/24 12:24	1
2-Methylphenol	ND		240	50	ug/Kg	☼	10/04/24 09:02	10/07/24 12:24	1
2-Nitroaniline	ND		240	46	ug/Kg	☼	10/04/24 09:02	10/07/24 12:24	1
2-Nitrophenol	ND		120	43	ug/Kg	☼	10/04/24 09:02	10/07/24 12:24	1
3,3'-Dichlorobenzidine	ND		180	120	ug/Kg	☼	10/04/24 09:02	10/07/24 12:24	1
3-Nitroaniline	ND		240	43	ug/Kg	☼	10/04/24 09:02	10/07/24 12:24	1
4,6-Dinitro-2-methylphenol	ND		400	130	ug/Kg	☼	10/04/24 09:02	10/07/24 12:24	1
4-Bromophenyl phenyl ether	ND		120	39	ug/Kg	☼	10/04/24 09:02	10/07/24 12:24	1
4-Chloro-3-methylphenol	ND		180	46	ug/Kg	☼	10/04/24 09:02	10/07/24 12:24	1
4-Chloroaniline	ND		180	19	ug/Kg	☼	10/04/24 09:02	10/07/24 12:24	1
4-Chlorophenyl phenyl ether	ND		120	34	ug/Kg	☼	10/04/24 09:02	10/07/24 12:24	1
4-Nitroaniline	ND		240	32	ug/Kg	☼	10/04/24 09:02	10/07/24 12:24	1
4-Nitrophenol	ND		400	110	ug/Kg	☼	10/04/24 09:02	10/07/24 12:24	1
Acenaphthene	ND		49	17	ug/Kg	☼	10/04/24 09:02	10/07/24 12:24	1
Acenaphthylene	**68**		49	18	ug/Kg	☼	10/04/24 09:02	10/07/24 12:24	1
Acetophenone	ND		120	30	ug/Kg	☼	10/04/24 09:02	10/07/24 12:24	1
Anthracene	**52**		49	15	ug/Kg	☼	10/04/24 09:02	10/07/24 12:24	1
Atrazine	ND		400	84	ug/Kg	☼	10/04/24 09:02	10/07/24 12:24	1
Benzaldehyde	ND		400	68	ug/Kg	☼	10/04/24 09:02	10/07/24 12:24	1
Benzo[a]anthracene	**240**		49	18	ug/Kg	☼	10/04/24 09:02	10/07/24 12:24	1
Benzo[a]pyrene	**310**		49	17	ug/Kg	☼	10/04/24 09:02	10/07/24 12:24	1
Benzo[b]fluoranthene	**530**		49	15	ug/Kg	☼	10/04/24 09:02	10/07/24 12:24	1
Benzo[g,h,i]perylene	**280**		49	33	ug/Kg	☼	10/04/24 09:02	10/07/24 12:24	1
Benzo[k]fluoranthene	**170**		49	12	ug/Kg	☼	10/04/24 09:02	10/07/24 12:24	1
Bis(2-chloroethoxy)methane	ND		120	24	ug/Kg	☼	10/04/24 09:02	10/07/24 12:24	1
Bis(2-chloroethyl)ether	ND		120	27	ug/Kg	☼	10/04/24 09:02	10/07/24 12:24	1
Bis(2-ethylhexyl) phthalate	ND		180	68	ug/Kg	☼	10/04/24 09:02	10/07/24 12:24	1
Butyl benzyl phthalate	ND		180	62	ug/Kg	☼	10/04/24 09:02	10/07/24 12:24	1
Caprolactam	ND		400	84	ug/Kg	☼	10/04/24 09:02	10/07/24 12:24	1
Carbazole	**34**	**J**	120	33	ug/Kg	☼	10/04/24 09:02	10/07/24 12:24	1
Chrysene	**320**		49	17	ug/Kg	☼	10/04/24 09:02	10/07/24 12:24	1
Dibenz(a,h)anthracene	**59**		49	18	ug/Kg	☼	10/04/24 09:02	10/07/24 12:24	1

Client Sample ID: TO-E-2.0
Date Collected: 10/02/24 15:00
Date Received: 10/03/24 12:00

Lab Sample ID: 240-212351-2
Matrix: Solid
Percent Solids: 82.6

Method: SW846 8270E - Semivolatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Dibenzofuran	**46**	**J**	120	35	ug/Kg	☼	10/04/24 09:02	10/07/24 12:24	1
Diethyl phthalate	ND		180	52	ug/Kg	☼	10/04/24 09:02	10/07/24 12:24	1
Dimethyl phthalate	ND		180	49	ug/Kg	☼	10/04/24 09:02	10/07/24 12:24	1
Di-n-butyl phthalate	ND		180	62	ug/Kg	☼	10/04/24 09:02	10/07/24 12:24	1
Di-n-octyl phthalate	ND		180	61	ug/Kg	☼	10/04/24 09:02	10/07/24 12:24	1
Fluoranthene	**470**		49	17	ug/Kg	☼	10/04/24 09:02	10/07/24 12:24	1
Fluorene	ND		49	17	ug/Kg	☼	10/04/24 09:02	10/07/24 12:24	1
Hexachlorobenzene	ND		49	17	ug/Kg	☼	10/04/24 09:02	10/07/24 12:24	1
Hexachlorobutadiene	ND		120	26	ug/Kg	☼	10/04/24 09:02	10/07/24 12:24	1
Hexachlorocyclopentadiene	ND		400	47	ug/Kg	☼	10/04/24 09:02	10/07/24 12:24	1
Hexachloroethane	ND		120	39	ug/Kg	☼	10/04/24 09:02	10/07/24 12:24	1
Indeno[1,2,3-cd]pyrene	**210**		49	15	ug/Kg	☼	10/04/24 09:02	10/07/24 12:24	1
Isophorone	ND		120	32	ug/Kg	☼	10/04/24 09:02	10/07/24 12:24	1
N-Nitrosodi-n-propylamine	ND		120	45	ug/Kg	☼	10/04/24 09:02	10/07/24 12:24	1
N-Nitrosodiphenylamine	ND		120	33	ug/Kg	☼	10/04/24 09:02	10/07/24 12:24	1
Naphthalene	**110**		49	16	ug/Kg	☼	10/04/24 09:02	10/07/24 12:24	1
Nitrobenzene	ND		120	27	ug/Kg	☼	10/04/24 09:02	10/07/24 12:24	1
Pentachlorophenol	ND		330	130	ug/Kg	☼	10/04/24 09:02	10/07/24 12:24	1
Phenanthrene	**180**		49	16	ug/Kg	☼	10/04/24 09:02	10/07/24 12:24	1
Phenol	ND		120	46	ug/Kg	☼	10/04/24 09:02	10/07/24 12:24	1
Pyrene	**410**		49	19	ug/Kg	☼	10/04/24 09:02	10/07/24 12:24	1
3 & 4 Methylphenol	ND		490	50	ug/Kg	☼	10/04/24 09:02	10/07/24 12:24	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Terphenyl-d14 (Surr)	*79*		*37 - 120*	*10/04/24 09:02*	*10/07/24 12:24*	*1*
Phenol-d5 (Surr)	*81*		*29 - 120*	*10/04/24 09:02*	*10/07/24 12:24*	*1*
Nitrobenzene-d5 (Surr)	*72*		*28 - 120*	*10/04/24 09:02*	*10/07/24 12:24*	*1*
2-Fluorophenol (Surr)	*79*		*26 - 120*	*10/04/24 09:02*	*10/07/24 12:24*	*1*
2-Fluorobiphenyl (Surr)	*84*		*36 - 120*	*10/04/24 09:02*	*10/07/24 12:24*	*1*
2,4,6-Tribromophenol (Surr)	*84*		*10 - 120*	*10/04/24 09:02*	*10/07/24 12:24*	*1*

Method: SW846 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aroclor-1016	ND		59	29	ug/Kg	☼	10/04/24 09:47	10/04/24 22:06	1
Aroclor-1221	ND		59	35	ug/Kg	☼	10/04/24 09:47	10/04/24 22:06	1
Aroclor-1232	ND		59	25	ug/Kg	☼	10/04/24 09:47	10/04/24 22:06	1
Aroclor-1242	ND		59	22	ug/Kg	☼	10/04/24 09:47	10/04/24 22:06	1
Aroclor-1248	**120**		59	20	ug/Kg	☼	10/04/24 09:47	10/04/24 22:06	1
Aroclor-1254	ND		59	25	ug/Kg	☼	10/04/24 09:47	10/04/24 22:06	1
Aroclor-1260	ND		59	25	ug/Kg	☼	10/04/24 09:47	10/04/24 22:06	1
Aroclor-1262	ND		59	26	ug/Kg	☼	10/04/24 09:47	10/04/24 22:06	1
Aroclor-1268	ND		59	19	ug/Kg	☼	10/04/24 09:47	10/04/24 22:06	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Tetrachloro-m-xylene	*69*		*10 - 149*	*10/04/24 09:47*	*10/04/24 22:06*	*1*
DCB Decachlorobiphenyl	*52*		*10 - 174*	*10/04/24 09:47*	*10/04/24 22:06*	*1*

Method: SW846 6010D - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	**15**		1.6	0.34	mg/Kg	☼	10/04/24 15:00	10/06/24 00:55	1

Client: August Mack Environmental, Inc.
Project/Site: MSC Canfield - Soil

Job ID: 240-212351-1

Client Sample ID: TO-E-2.0
Date Collected: 10/02/24 15:00
Date Received: 10/03/24 12:00

Lab Sample ID: 240-212351-2
Matrix: Solid
Percent Solids: 82.6

Method: SW846 6010D - Metals (ICP) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Barium	52		22	0.14	mg/Kg	☼	10/04/24 15:00	10/06/24 00:55	1
Cadmium	0.19	J	0.54	0.052	mg/Kg	☼	10/04/24 15:00	10/06/24 00:55	1
Chromium	15		1.1	0.37	mg/Kg	☼	10/04/24 15:00	10/06/24 00:55	1
Copper	23		2.7	0.76	mg/Kg	☼	10/04/24 15:00	10/06/24 00:55	1
Lead	14		1.1	0.30	mg/Kg	☼	10/04/24 15:00	10/06/24 00:55	1
Selenium	ND		2.2	0.51	mg/Kg	☼	10/04/24 15:00	10/06/24 00:55	1
Silver	ND		1.1	0.088	mg/Kg	☼	10/04/24 15:00	10/06/24 00:55	1
Zinc	75		5.4	3.9	mg/Kg	☼	10/04/24 15:00	10/06/24 00:55	1

Method: SW846 7471B - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.021	J	0.10	0.019	mg/Kg	☼	10/04/24 15:00	10/07/24 12:02	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cyanide, Total (SW846 9012B)	ND		0.63	0.50	mg/Kg	☼	10/04/24 09:22	10/04/24 12:41	1

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Solids (EPA Moisture)	82.6		0.1	0.1	%			10/03/24 19:07	1
Percent Moisture (EPA Moisture)	17.4		0.1	0.1	%			10/03/24 19:07	1

Client: August Mack Environmental, Inc.
Project/Site: MSC Canfield - Soil

Job ID: 240-212351-1

Client Sample ID: TO-C-0.0
Date Collected: 10/02/24 15:35
Date Received: 10/03/24 12:00

Lab Sample ID: 240-212351-3
Matrix: Solid
Percent Solids: 73.6

Method: SW846 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		6.7	2.4	ug/Kg	☼	10/04/24 11:04	10/04/24 16:37	1
1,1,2,2-Tetrachloroethane	ND		6.7	1.9	ug/Kg	☼	10/04/24 11:04	10/04/24 16:37	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		6.7	1.7	ug/Kg	☼	10/04/24 11:04	10/04/24 16:37	1
1,1,2-Trichloroethane	ND		6.7	1.5	ug/Kg	☼	10/04/24 11:04	10/04/24 16:37	1
1,1-Dichloroethane	ND		6.7	1.9	ug/Kg	☼	10/04/24 11:04	10/04/24 16:37	1
1,1-Dichloroethene	ND		6.7	2.4	ug/Kg	☼	10/04/24 11:04	10/04/24 16:37	1
1,2,4-Trichlorobenzene	ND		6.7	3.4	ug/Kg	☼	10/04/24 11:04	10/04/24 16:37	1
1,2-Dibromo-3-Chloropropane	ND		13	4.9	ug/Kg	☼	10/04/24 11:04	10/04/24 16:37	1
Ethylene Dibromide	ND		6.7	1.0	ug/Kg	☼	10/04/24 11:04	10/04/24 16:37	1
1,2-Dichlorobenzene	ND		6.7	1.5	ug/Kg	☼	10/04/24 11:04	10/04/24 16:37	1
1,2-Dichloroethane	ND		6.7	2.4	ug/Kg	☼	10/04/24 11:04	10/04/24 16:37	1
1,2-Dichloropropane	ND		6.7	1.1	ug/Kg	☼	10/04/24 11:04	10/04/24 16:37	1
1,3-Dichlorobenzene	ND		6.7	2.2	ug/Kg	☼	10/04/24 11:04	10/04/24 16:37	1
1,4-Dichlorobenzene	ND		6.7	1.2	ug/Kg	☼	10/04/24 11:04	10/04/24 16:37	1
2-Butanone (MEK)	ND		27	4.8	ug/Kg	☼	10/04/24 11:04	10/04/24 16:37	1
2-Hexanone	ND		27	5.5	ug/Kg	☼	10/04/24 11:04	10/04/24 16:37	1
4-Methyl-2-pentanone (MIBK)	ND		27	5.0	ug/Kg	☼	10/04/24 11:04	10/04/24 16:37	1
Acetone	ND		34	28	ug/Kg	☼	10/04/24 11:04	10/04/24 16:37	1
Benzene	ND		6.7	0.94	ug/Kg	☼	10/04/24 11:04	10/04/24 16:37	1
Dichlorobromomethane	ND		6.7	2.0	ug/Kg	☼	10/04/24 11:04	10/04/24 16:37	1
Bromoform	ND		6.7	3.2	ug/Kg	☼	10/04/24 11:04	10/04/24 16:37	1
Bromomethane	ND		6.7	5.6	ug/Kg	☼	10/04/24 11:04	10/04/24 16:37	1
Carbon disulfide	ND		6.7	1.6	ug/Kg	☼	10/04/24 11:04	10/04/24 16:37	1
Carbon tetrachloride	ND		6.7	4.4	ug/Kg	☼	10/04/24 11:04	10/04/24 16:37	1
Chlorobenzene	ND		6.7	1.2	ug/Kg	☼	10/04/24 11:04	10/04/24 16:37	1
Chloroethane	ND		6.7	3.7	ug/Kg	☼	10/04/24 11:04	10/04/24 16:37	1
Chloroform	ND		6.7	1.1	ug/Kg	☼	10/04/24 11:04	10/04/24 16:37	1
Chloromethane	ND		6.7	3.1	ug/Kg	☼	10/04/24 11:04	10/04/24 16:37	1
cis-1,2-Dichloroethene	ND		6.7	2.0	ug/Kg	☼	10/04/24 11:04	10/04/24 16:37	1
cis-1,3-Dichloropropene	ND		6.7	3.9	ug/Kg	☼	10/04/24 11:04	10/04/24 16:37	1
Cyclohexane	ND		13	1.8	ug/Kg	☼	10/04/24 11:04	10/04/24 16:37	1
Chlorodibromomethane	ND		6.7	3.7	ug/Kg	☼	10/04/24 11:04	10/04/24 16:37	1
Dichlorodifluoromethane	ND		6.7	3.0	ug/Kg	☼	10/04/24 11:04	10/04/24 16:37	1
Ethylbenzene	ND		6.7	1.4	ug/Kg	☼	10/04/24 11:04	10/04/24 16:37	1
Isopropylbenzene	ND		6.7	2.6	ug/Kg	☼	10/04/24 11:04	10/04/24 16:37	1
Methyl acetate	**11**	**J**	34	4.6	ug/Kg	☼	10/04/24 11:04	10/04/24 16:37	1
Methyl tert-butyl ether	ND		6.7	2.7	ug/Kg	☼	10/04/24 11:04	10/04/24 16:37	1
Methylcyclohexane	ND		13	1.7	ug/Kg	☼	10/04/24 11:04	10/04/24 16:37	1
Methylene Chloride	ND		34	16	ug/Kg	☼	10/04/24 11:04	10/04/24 16:37	1
Styrene	ND		6.7	1.6	ug/Kg	☼	10/04/24 11:04	10/04/24 16:37	1
Tetrachloroethene	ND		6.7	5.2	ug/Kg	☼	10/04/24 11:04	10/04/24 16:37	1
Toluene	ND		6.7	1.0	ug/Kg	☼	10/04/24 11:04	10/04/24 16:37	1
trans-1,2-Dichloroethene	ND		6.7	1.9	ug/Kg	☼	10/04/24 11:04	10/04/24 16:37	1
trans-1,3-Dichloropropene	ND		6.7	5.0	ug/Kg	☼	10/04/24 11:04	10/04/24 16:37	1
Trichloroethene	ND		6.7	1.9	ug/Kg	☼	10/04/24 11:04	10/04/24 16:37	1
Trichlorofluoromethane	ND		6.7	3.6	ug/Kg	☼	10/04/24 11:04	10/04/24 16:37	1
Vinyl chloride	ND		6.7	2.4	ug/Kg	☼	10/04/24 11:04	10/04/24 16:37	1
Xylenes, Total	ND		13	2.1	ug/Kg	☼	10/04/24 11:04	10/04/24 16:37	1

Client: August Mack Environmental, Inc.
Project/Site: MSC Canfield - Soil

Job ID: 240-212351-1

Client Sample ID: TO-C-0.0
Date Collected: 10/02/24 15:35
Date Received: 10/03/24 12:00

Lab Sample ID: 240-212351-3
Matrix: Solid
Percent Solids: 73.6

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Toluene-d8 (Surr)	*102*		*56 - 125*	*10/04/24 11:04*	*10/04/24 16:37*	*1*
Dibromofluoromethane (Surr)	*93*		*41 - 138*	*10/04/24 11:04*	*10/04/24 16:37*	*1*
4-Bromofluorobenzene (Surr)	*92*		*41 - 143*	*10/04/24 11:04*	*10/04/24 16:37*	*1*
1,2-Dichloroethane-d4 (Surr)	*96*		*58 - 125*	*10/04/24 11:04*	*10/04/24 16:37*	*1*

Method: SW846 8270E - Semivolatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1'-Biphenyl	ND		130	38	ug/Kg	☼	10/04/24 08:53	10/07/24 12:49	1
bis (2-chloroisopropyl) ether	ND		130	35	ug/Kg	☼	10/04/24 08:53	10/07/24 12:49	1
2,4,5-Trichlorophenol	ND		200	45	ug/Kg	☼	10/04/24 08:53	10/07/24 12:49	1
2,4,6-Trichlorophenol	ND		200	39	ug/Kg	☼	10/04/24 08:53	10/07/24 12:49	1
2,4-Dichlorophenol	ND		200	36	ug/Kg	☼	10/04/24 08:53	10/07/24 12:49	1
2,4-Dimethylphenol	ND		200	49	ug/Kg	☼	10/04/24 08:53	10/07/24 12:49	1
2,4-Dinitrophenol	ND		450	230	ug/Kg	☼	10/04/24 08:53	10/07/24 12:49	1
2,4-Dinitrotoluene	ND		270	31	ug/Kg	☼	10/04/24 08:53	10/07/24 12:49	1
2,6-Dinitrotoluene	ND		270	49	ug/Kg	☼	10/04/24 08:53	10/07/24 12:49	1
2-Chloronaphthalene	ND		130	38	ug/Kg	☼	10/04/24 08:53	10/07/24 12:49	1
2-Chlorophenol	ND		130	35	ug/Kg	☼	10/04/24 08:53	10/07/24 12:49	1
2-Methylnaphthalene	**190**		54	18	ug/Kg	☼	10/04/24 08:53	10/07/24 12:49	1
2-Methylphenol	ND		270	55	ug/Kg	☼	10/04/24 08:53	10/07/24 12:49	1
2-Nitroaniline	ND		270	51	ug/Kg	☼	10/04/24 08:53	10/07/24 12:49	1
2-Nitrophenol	ND		130	47	ug/Kg	☼	10/04/24 08:53	10/07/24 12:49	1
3,3'-Dichlorobenzidine	ND		200	130	ug/Kg	☼	10/04/24 08:53	10/07/24 12:49	1
3-Nitroaniline	ND		270	47	ug/Kg	☼	10/04/24 08:53	10/07/24 12:49	1
4,6-Dinitro-2-methylphenol	ND		450	140	ug/Kg	☼	10/04/24 08:53	10/07/24 12:49	1
4-Bromophenyl phenyl ether	ND		130	43	ug/Kg	☼	10/04/24 08:53	10/07/24 12:49	1
4-Chloro-3-methylphenol	ND		200	51	ug/Kg	☼	10/04/24 08:53	10/07/24 12:49	1
4-Chloroaniline	ND		200	22	ug/Kg	☼	10/04/24 08:53	10/07/24 12:49	1
4-Chlorophenyl phenyl ether	ND		130	38	ug/Kg	☼	10/04/24 08:53	10/07/24 12:49	1
4-Nitroaniline	ND		270	35	ug/Kg	☼	10/04/24 08:53	10/07/24 12:49	1
4-Nitrophenol	ND		450	120	ug/Kg	☼	10/04/24 08:53	10/07/24 12:49	1
Acenaphthene	**57**		54	19	ug/Kg	☼	10/04/24 08:53	10/07/24 12:49	1
Acenaphthylene	**120**		54	20	ug/Kg	☼	10/04/24 08:53	10/07/24 12:49	1
Acetophenone	ND		130	34	ug/Kg	☼	10/04/24 08:53	10/07/24 12:49	1
Anthracene	**230**		54	16	ug/Kg	☼	10/04/24 08:53	10/07/24 12:49	1
Atrazine	ND		450	93	ug/Kg	☼	10/04/24 08:53	10/07/24 12:49	1
Benzaldehyde	ND		450	76	ug/Kg	☼	10/04/24 08:53	10/07/24 12:49	1
Benzo[a]anthracene	**1300**		54	20	ug/Kg	☼	10/04/24 08:53	10/07/24 12:49	1
Benzo[a]pyrene	**1500**		54	19	ug/Kg	☼	10/04/24 08:53	10/07/24 12:49	1
Benzo[b]fluoranthene	**3000**		54	16	ug/Kg	☼	10/04/24 08:53	10/07/24 12:49	1
Benzo[g,h,i]perylene	**1600**		54	36	ug/Kg	☼	10/04/24 08:53	10/07/24 12:49	1
Benzo[k]fluoranthene	**940**		54	13	ug/Kg	☼	10/04/24 08:53	10/07/24 12:49	1
Bis(2-chloroethoxy)methane	ND		130	27	ug/Kg	☼	10/04/24 08:53	10/07/24 12:49	1
Bis(2-chloroethyl)ether	ND		130	30	ug/Kg	☼	10/04/24 08:53	10/07/24 12:49	1
Bis(2-ethylhexyl) phthalate	ND		200	76	ug/Kg	☼	10/04/24 08:53	10/07/24 12:49	1
Butyl benzyl phthalate	ND		200	69	ug/Kg	☼	10/04/24 08:53	10/07/24 12:49	1
Caprolactam	ND		450	93	ug/Kg	☼	10/04/24 08:53	10/07/24 12:49	1
Carbazole	**200**		130	36	ug/Kg	☼	10/04/24 08:53	10/07/24 12:49	1
Chrysene	**2000**		54	19	ug/Kg	☼	10/04/24 08:53	10/07/24 12:49	1
Dibenz(a,h)anthracene	**260**		54	20	ug/Kg	☼	10/04/24 08:53	10/07/24 12:49	1

Client Sample ID: TO-C-0.0
Date Collected: 10/02/24 15:35
Date Received: 10/03/24 12:00

Lab Sample ID: 240-212351-3
Matrix: Solid
Percent Solids: 73.6

Method: SW846 8270E - Semivolatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Dibenzofuran	**70**	**J**	130	39	ug/Kg	☼	10/04/24 08:53	10/07/24 12:49	1
Diethyl phthalate	ND		200	58	ug/Kg	☼	10/04/24 08:53	10/07/24 12:49	1
Dimethyl phthalate	ND		200	54	ug/Kg	☼	10/04/24 08:53	10/07/24 12:49	1
Di-n-butyl phthalate	ND		200	69	ug/Kg	☼	10/04/24 08:53	10/07/24 12:49	1
Di-n-octyl phthalate	ND		200	67	ug/Kg	☼	10/04/24 08:53	10/07/24 12:49	1
Fluoranthene	**3500**		54	19	ug/Kg	☼	10/04/24 08:53	10/07/24 12:49	1
Fluorene	**49**	**J**	54	19	ug/Kg	☼	10/04/24 08:53	10/07/24 12:49	1
Hexachlorobenzene	ND		54	19	ug/Kg	☼	10/04/24 08:53	10/07/24 12:49	1
Hexachlorobutadiene	ND		130	28	ug/Kg	☼	10/04/24 08:53	10/07/24 12:49	1
Hexachlorocyclopentadiene	ND		450	53	ug/Kg	☼	10/04/24 08:53	10/07/24 12:49	1
Hexachloroethane	ND		130	43	ug/Kg	☼	10/04/24 08:53	10/07/24 12:49	1
Indeno[1,2,3-cd]pyrene	**1200**		54	16	ug/Kg	☼	10/04/24 08:53	10/07/24 12:49	1
Isophorone	ND		130	35	ug/Kg	☼	10/04/24 08:53	10/07/24 12:49	1
N-Nitrosodi-n-propylamine	ND		130	50	ug/Kg	☼	10/04/24 08:53	10/07/24 12:49	1
N-Nitrosodiphenylamine	ND		130	36	ug/Kg	☼	10/04/24 08:53	10/07/24 12:49	1
Naphthalene	**140**		54	18	ug/Kg	☼	10/04/24 08:53	10/07/24 12:49	1
Nitrobenzene	ND		130	30	ug/Kg	☼	10/04/24 08:53	10/07/24 12:49	1
Pentachlorophenol	ND		360	140	ug/Kg	☼	10/04/24 08:53	10/07/24 12:49	1
Phenanthrene	**1200**		54	18	ug/Kg	☼	10/04/24 08:53	10/07/24 12:49	1
Phenol	ND		130	51	ug/Kg	☼	10/04/24 08:53	10/07/24 12:49	1
Pyrene	**2800**		54	22	ug/Kg	☼	10/04/24 08:53	10/07/24 12:49	1
3 & 4 Methylphenol	ND		540	55	ug/Kg	☼	10/04/24 08:53	10/07/24 12:49	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Terphenyl-d14 (Surr)	*82*		*37 - 120*	*10/04/24 08:53*	*10/07/24 12:49*	*1*
Phenol-d5 (Surr)	*82*		*29 - 120*	*10/04/24 08:53*	*10/07/24 12:49*	*1*
Nitrobenzene-d5 (Surr)	*78*		*28 - 120*	*10/04/24 08:53*	*10/07/24 12:49*	*1*
2-Fluorophenol (Surr)	*81*		*26 - 120*	*10/04/24 08:53*	*10/07/24 12:49*	*1*
2-Fluorobiphenyl (Surr)	*87*		*36 - 120*	*10/04/24 08:53*	*10/07/24 12:49*	*1*
2,4,6-Tribromophenol (Surr)	*87*		*10 - 120*	*10/04/24 08:53*	*10/07/24 12:49*	*1*

Method: SW846 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aroclor-1016	ND		67	33	ug/Kg	☼	10/04/24 08:58	10/07/24 14:26	1
Aroclor-1221	ND		67	40	ug/Kg	☼	10/04/24 08:58	10/07/24 14:26	1
Aroclor-1232	ND		67	28	ug/Kg	☼	10/04/24 08:58	10/07/24 14:26	1
Aroclor-1242	**45**	**J**	67	25	ug/Kg	☼	10/04/24 08:58	10/07/24 14:26	1
Aroclor-1248	ND		67	23	ug/Kg	☼	10/04/24 08:58	10/07/24 14:26	1
Aroclor-1254	ND		67	28	ug/Kg	☼	10/04/24 08:58	10/07/24 14:26	1
Aroclor-1260	ND		67	28	ug/Kg	☼	10/04/24 08:58	10/07/24 14:26	1
Aroclor-1262	ND		67	29	ug/Kg	☼	10/04/24 08:58	10/07/24 14:26	1
Aroclor-1268	ND		67	21	ug/Kg	☼	10/04/24 08:58	10/07/24 14:26	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Tetrachloro-m-xylene	*76*		*10 - 149*	*10/04/24 08:58*	*10/07/24 14:26*	*1*
DCB Decachlorobiphenyl	*78*		*10 - 174*	*10/04/24 08:58*	*10/07/24 14:26*	*1*

Method: SW846 6010D - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	**13**		1.9	0.40	mg/Kg	☼	10/04/24 15:00	10/06/24 01:00	1

Client: August Mack Environmental, Inc.
Project/Site: MSC Canfield - Soil

Job ID: 240-212351-1

Client Sample ID: TO-C-0.0
Date Collected: 10/02/24 15:35
Date Received: 10/03/24 12:00

Lab Sample ID: 240-212351-3
Matrix: Solid
Percent Solids: 73.6

Method: SW846 6010D - Metals (ICP) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Barium	100		25	0.16	mg/Kg	☼	10/04/24 15:00	10/06/24 01:00	1
Cadmium	0.46	J	0.63	0.061	mg/Kg	☼	10/04/24 15:00	10/06/24 01:00	1
Chromium	53		1.3	0.44	mg/Kg	☼	10/04/24 15:00	10/06/24 01:00	1
Copper	39		3.2	0.89	mg/Kg	☼	10/04/24 15:00	10/06/24 01:00	1
Lead	26		1.3	0.36	mg/Kg	☼	10/04/24 15:00	10/06/24 01:00	1
Selenium	1.2	J	2.5	0.60	mg/Kg	☼	10/04/24 15:00	10/06/24 01:00	1
Silver	0.25	J	1.3	0.10	mg/Kg	☼	10/04/24 15:00	10/06/24 01:00	1
Zinc	120		6.3	4.6	mg/Kg	☼	10/04/24 15:00	10/06/24 01:00	1

Method: SW846 7471B - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.032	J	0.12	0.022	mg/Kg	☼	10/04/24 15:00	10/07/24 12:04	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cyanide, Total (SW846 9012B)	2.3		0.81	0.64	mg/Kg	☼	10/04/24 09:22	10/04/24 12:43	1

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Solids (EPA Moisture)	73.6		0.1	0.1	%			10/03/24 19:07	1
Percent Moisture (EPA Moisture)	26.4		0.1	0.1	%			10/03/24 19:07	1

Client: August Mack Environmental, Inc.
Project/Site: MSC Canfield - Soil

Job ID: 240-212351-1

Client Sample ID: TO-W-0.0
Date Collected: 10/02/24 15:45
Date Received: 10/03/24 12:00

Lab Sample ID: 240-212351-4
Matrix: Solid
Percent Solids: 77.9

Method: SW846 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		6.1	2.2	ug/Kg	☼	10/04/24 11:04	10/04/24 16:57	1
1,1,2,2-Tetrachloroethane	ND		6.1	1.8	ug/Kg	☼	10/04/24 11:04	10/04/24 16:57	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		6.1	1.6	ug/Kg	☼	10/04/24 11:04	10/04/24 16:57	1
1,1,2-Trichloroethane	ND		6.1	1.4	ug/Kg	☼	10/04/24 11:04	10/04/24 16:57	1
1,1-Dichloroethane	ND		6.1	1.7	ug/Kg	☼	10/04/24 11:04	10/04/24 16:57	1
1,1-Dichloroethene	ND		6.1	2.2	ug/Kg	☼	10/04/24 11:04	10/04/24 16:57	1
1,2,4-Trichlorobenzene	ND		6.1	3.1	ug/Kg	☼	10/04/24 11:04	10/04/24 16:57	1
1,2-Dibromo-3-Chloropropane	ND		12	4.4	ug/Kg	☼	10/04/24 11:04	10/04/24 16:57	1
Ethylene Dibromide	ND		6.1	0.95	ug/Kg	☼	10/04/24 11:04	10/04/24 16:57	1
1,2-Dichlorobenzene	ND		6.1	1.4	ug/Kg	☼	10/04/24 11:04	10/04/24 16:57	1
1,2-Dichloroethane	ND		6.1	2.2	ug/Kg	☼	10/04/24 11:04	10/04/24 16:57	1
1,2-Dichloropropane	ND		6.1	1.0	ug/Kg	☼	10/04/24 11:04	10/04/24 16:57	1
1,3-Dichlorobenzene	ND		6.1	2.0	ug/Kg	☼	10/04/24 11:04	10/04/24 16:57	1
1,4-Dichlorobenzene	ND		6.1	1.1	ug/Kg	☼	10/04/24 11:04	10/04/24 16:57	1
2-Butanone (MEK)	ND		25	4.4	ug/Kg	☼	10/04/24 11:04	10/04/24 16:57	1
2-Hexanone	ND		25	5.0	ug/Kg	☼	10/04/24 11:04	10/04/24 16:57	1
4-Methyl-2-pentanone (MIBK)	ND		25	4.6	ug/Kg	☼	10/04/24 11:04	10/04/24 16:57	1
Acetone	ND		31	26	ug/Kg	☼	10/04/24 11:04	10/04/24 16:57	1
Benzene	ND		6.1	0.86	ug/Kg	☼	10/04/24 11:04	10/04/24 16:57	1
Dichlorobromomethane	ND		6.1	1.8	ug/Kg	☼	10/04/24 11:04	10/04/24 16:57	1
Bromoform	ND		6.1	3.0	ug/Kg	☼	10/04/24 11:04	10/04/24 16:57	1
Bromomethane	ND		6.1	5.1	ug/Kg	☼	10/04/24 11:04	10/04/24 16:57	1
Carbon disulfide	ND		6.1	1.4	ug/Kg	☼	10/04/24 11:04	10/04/24 16:57	1
Carbon tetrachloride	ND		6.1	4.0	ug/Kg	☼	10/04/24 11:04	10/04/24 16:57	1
Chlorobenzene	ND		6.1	1.1	ug/Kg	☼	10/04/24 11:04	10/04/24 16:57	1
Chloroethane	ND		6.1	3.4	ug/Kg	☼	10/04/24 11:04	10/04/24 16:57	1
Chloroform	ND		6.1	0.97	ug/Kg	☼	10/04/24 11:04	10/04/24 16:57	1
Chloromethane	ND		6.1	2.8	ug/Kg	☼	10/04/24 11:04	10/04/24 16:57	1
cis-1,2-Dichloroethene	ND		6.1	1.8	ug/Kg	☼	10/04/24 11:04	10/04/24 16:57	1
cis-1,3-Dichloropropene	ND		6.1	3.5	ug/Kg	☼	10/04/24 11:04	10/04/24 16:57	1
Cyclohexane	ND		12	1.7	ug/Kg	☼	10/04/24 11:04	10/04/24 16:57	1
Chlorodibromomethane	ND		6.1	3.4	ug/Kg	☼	10/04/24 11:04	10/04/24 16:57	1
Dichlorodifluoromethane	ND		6.1	2.8	ug/Kg	☼	10/04/24 11:04	10/04/24 16:57	1
Ethylbenzene	ND		6.1	1.3	ug/Kg	☼	10/04/24 11:04	10/04/24 16:57	1
Isopropylbenzene	ND		6.1	2.4	ug/Kg	☼	10/04/24 11:04	10/04/24 16:57	1
Methyl acetate	ND		31	4.2	ug/Kg	☼	10/04/24 11:04	10/04/24 16:57	1
Methyl tert-butyl ether	ND		6.1	2.4	ug/Kg	☼	10/04/24 11:04	10/04/24 16:57	1
Methylcyclohexane	ND		12	1.5	ug/Kg	☼	10/04/24 11:04	10/04/24 16:57	1
Methylene Chloride	ND		31	15	ug/Kg	☼	10/04/24 11:04	10/04/24 16:57	1
Styrene	ND		6.1	1.4	ug/Kg	☼	10/04/24 11:04	10/04/24 16:57	1
Tetrachloroethene	ND		6.1	4.8	ug/Kg	☼	10/04/24 11:04	10/04/24 16:57	1
Toluene	ND		6.1	0.95	ug/Kg	☼	10/04/24 11:04	10/04/24 16:57	1
trans-1,2-Dichloroethene	ND		6.1	1.7	ug/Kg	☼	10/04/24 11:04	10/04/24 16:57	1
trans-1,3-Dichloropropene	ND		6.1	4.6	ug/Kg	☼	10/04/24 11:04	10/04/24 16:57	1
Trichloroethene	ND		6.1	1.8	ug/Kg	☼	10/04/24 11:04	10/04/24 16:57	1
Trichlorofluoromethane	ND		6.1	3.3	ug/Kg	☼	10/04/24 11:04	10/04/24 16:57	1
Vinyl chloride	ND		6.1	2.2	ug/Kg	☼	10/04/24 11:04	10/04/24 16:57	1
Xylenes, Total	ND		12	2.0	ug/Kg	☼	10/04/24 11:04	10/04/24 16:57	1

Client: August Mack Environmental, Inc.
Project/Site: MSC Canfield - Soil

Job ID: 240-212351-1

Client Sample ID: TO-W-0.0
Date Collected: 10/02/24 15:45
Date Received: 10/03/24 12:00

Lab Sample ID: 240-212351-4
Matrix: Solid
Percent Solids: 77.9

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Toluene-d8 (Surr)	*94*		*56 - 125*	*10/04/24 11:04*	*10/04/24 16:57*	*1*
Dibromofluoromethane (Surr)	*88*		*41 - 138*	*10/04/24 11:04*	*10/04/24 16:57*	*1*
4-Bromofluorobenzene (Surr)	*90*		*41 - 143*	*10/04/24 11:04*	*10/04/24 16:57*	*1*
1,2-Dichloroethane-d4 (Surr)	*96*		*58 - 125*	*10/04/24 11:04*	*10/04/24 16:57*	*1*

Method: SW846 8270E - Semivolatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1'-Biphenyl	ND		130	35	ug/Kg	☼	10/04/24 08:53	10/07/24 13:14	1
bis (2-chloroisopropyl) ether	ND		130	33	ug/Kg	☼	10/04/24 08:53	10/07/24 13:14	1
2,4,5-Trichlorophenol	ND		190	41	ug/Kg	☼	10/04/24 08:53	10/07/24 13:14	1
2,4,6-Trichlorophenol	ND		190	36	ug/Kg	☼	10/04/24 08:53	10/07/24 13:14	1
2,4-Dichlorophenol	ND		190	34	ug/Kg	☼	10/04/24 08:53	10/07/24 13:14	1
2,4-Dimethylphenol	ND		190	45	ug/Kg	☼	10/04/24 08:53	10/07/24 13:14	1
2,4-Dinitrophenol	ND		410	210	ug/Kg	☼	10/04/24 08:53	10/07/24 13:14	1
2,4-Dinitrotoluene	ND		250	29	ug/Kg	☼	10/04/24 08:53	10/07/24 13:14	1
2,6-Dinitrotoluene	ND		250	45	ug/Kg	☼	10/04/24 08:53	10/07/24 13:14	1
2-Chloronaphthalene	ND		130	35	ug/Kg	☼	10/04/24 08:53	10/07/24 13:14	1
2-Chlorophenol	ND		130	33	ug/Kg	☼	10/04/24 08:53	10/07/24 13:14	1
2-Methylnaphthalene	**93**		50	16	ug/Kg	☼	10/04/24 08:53	10/07/24 13:14	1
2-Methylphenol	ND		250	51	ug/Kg	☼	10/04/24 08:53	10/07/24 13:14	1
2-Nitroaniline	ND		250	48	ug/Kg	☼	10/04/24 08:53	10/07/24 13:14	1
2-Nitrophenol	ND		130	44	ug/Kg	☼	10/04/24 08:53	10/07/24 13:14	1
3,3'-Dichlorobenzidine	ND		190	120	ug/Kg	☼	10/04/24 08:53	10/07/24 13:14	1
3-Nitroaniline	ND		250	44	ug/Kg	☼	10/04/24 08:53	10/07/24 13:14	1
4,6-Dinitro-2-methylphenol	ND		410	130	ug/Kg	☼	10/04/24 08:53	10/07/24 13:14	1
4-Bromophenyl phenyl ether	ND		130	40	ug/Kg	☼	10/04/24 08:53	10/07/24 13:14	1
4-Chloro-3-methylphenol	ND		190	48	ug/Kg	☼	10/04/24 08:53	10/07/24 13:14	1
4-Chloroaniline	ND		190	20	ug/Kg	☼	10/04/24 08:53	10/07/24 13:14	1
4-Chlorophenyl phenyl ether	ND		130	35	ug/Kg	☼	10/04/24 08:53	10/07/24 13:14	1
4-Nitroaniline	ND		250	33	ug/Kg	☼	10/04/24 08:53	10/07/24 13:14	1
4-Nitrophenol	ND		410	110	ug/Kg	☼	10/04/24 08:53	10/07/24 13:14	1
Acenaphthene	**42**	**J**	50	18	ug/Kg	☼	10/04/24 08:53	10/07/24 13:14	1
Acenaphthylene	**58**		50	19	ug/Kg	☼	10/04/24 08:53	10/07/24 13:14	1
Acetophenone	ND		130	31	ug/Kg	☼	10/04/24 08:53	10/07/24 13:14	1
Anthracene	**130**		50	15	ug/Kg	☼	10/04/24 08:53	10/07/24 13:14	1
Atrazine	ND		410	86	ug/Kg	☼	10/04/24 08:53	10/07/24 13:14	1
Benzaldehyde	ND		410	70	ug/Kg	☼	10/04/24 08:53	10/07/24 13:14	1
Benzo[a]anthracene	**720**		50	19	ug/Kg	☼	10/04/24 08:53	10/07/24 13:14	1
Benzo[a]pyrene	**970**		50	18	ug/Kg	☼	10/04/24 08:53	10/07/24 13:14	1
Benzo[b]fluoranthene	**1500**		50	15	ug/Kg	☼	10/04/24 08:53	10/07/24 13:14	1
Benzo[g,h,i]perylene	**810**		50	34	ug/Kg	☼	10/04/24 08:53	10/07/24 13:14	1
Benzo[k]fluoranthene	**510**		50	13	ug/Kg	☼	10/04/24 08:53	10/07/24 13:14	1
Bis(2-chloroethoxy)methane	ND		130	25	ug/Kg	☼	10/04/24 08:53	10/07/24 13:14	1
Bis(2-chloroethyl)ether	ND		130	28	ug/Kg	☼	10/04/24 08:53	10/07/24 13:14	1
Bis(2-ethylhexyl) phthalate	**77**	**J**	190	70	ug/Kg	☼	10/04/24 08:53	10/07/24 13:14	1
Butyl benzyl phthalate	ND		190	64	ug/Kg	☼	10/04/24 08:53	10/07/24 13:14	1
Caprolactam	ND		410	86	ug/Kg	☼	10/04/24 08:53	10/07/24 13:14	1
Carbazole	**150**		130	34	ug/Kg	☼	10/04/24 08:53	10/07/24 13:14	1
Chrysene	**1000**		50	18	ug/Kg	☼	10/04/24 08:53	10/07/24 13:14	1
Dibenz(a,h)anthracene	**140**		50	19	ug/Kg	☼	10/04/24 08:53	10/07/24 13:14	1

Client Sample ID: TO-W-0.0
Date Collected: 10/02/24 15:45
Date Received: 10/03/24 12:00

Lab Sample ID: 240-212351-4
Matrix: Solid
Percent Solids: 77.9

Method: SW846 8270E - Semivolatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Dibenzofuran	**43**	**J**	130	36	ug/Kg	☼	10/04/24 08:53	10/07/24 13:14	1
Diethyl phthalate	ND		190	54	ug/Kg	☼	10/04/24 08:53	10/07/24 13:14	1
Dimethyl phthalate	ND		190	50	ug/Kg	☼	10/04/24 08:53	10/07/24 13:14	1
Di-n-butyl phthalate	ND		190	64	ug/Kg	☼	10/04/24 08:53	10/07/24 13:14	1
Di-n-octyl phthalate	ND		190	63	ug/Kg	☼	10/04/24 08:53	10/07/24 13:14	1
Fluoranthene	**1900**		50	18	ug/Kg	☼	10/04/24 08:53	10/07/24 13:14	1
Fluorene	**39**	**J**	50	18	ug/Kg	☼	10/04/24 08:53	10/07/24 13:14	1
Hexachlorobenzene	ND		50	18	ug/Kg	☼	10/04/24 08:53	10/07/24 13:14	1
Hexachlorobutadiene	ND		130	26	ug/Kg	☼	10/04/24 08:53	10/07/24 13:14	1
Hexachlorocyclopentadiene	ND		410	49	ug/Kg	☼	10/04/24 08:53	10/07/24 13:14	1
Hexachloroethane	ND		130	40	ug/Kg	☼	10/04/24 08:53	10/07/24 13:14	1
Indeno[1,2,3-cd]pyrene	**610**		50	15	ug/Kg	☼	10/04/24 08:53	10/07/24 13:14	1
Isophorone	ND		130	33	ug/Kg	☼	10/04/24 08:53	10/07/24 13:14	1
N-Nitrosodi-n-propylamine	ND		130	46	ug/Kg	☼	10/04/24 08:53	10/07/24 13:14	1
N-Nitrosodiphenylamine	ND		130	34	ug/Kg	☼	10/04/24 08:53	10/07/24 13:14	1
Naphthalene	**71**		50	16	ug/Kg	☼	10/04/24 08:53	10/07/24 13:14	1
Nitrobenzene	ND		130	28	ug/Kg	☼	10/04/24 08:53	10/07/24 13:14	1
Pentachlorophenol	ND		340	130	ug/Kg	☼	10/04/24 08:53	10/07/24 13:14	1
Phenanthrene	**750**		50	16	ug/Kg	☼	10/04/24 08:53	10/07/24 13:14	1
Phenol	ND		130	48	ug/Kg	☼	10/04/24 08:53	10/07/24 13:14	1
Pyrene	**1500**		50	20	ug/Kg	☼	10/04/24 08:53	10/07/24 13:14	1
3 & 4 Methylphenol	ND		500	51	ug/Kg	☼	10/04/24 08:53	10/07/24 13:14	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Terphenyl-d14 (Surr)	*68*		*37 - 120*	*10/04/24 08:53*	*10/07/24 13:14*	*1*
Phenol-d5 (Surr)	*76*		*29 - 120*	*10/04/24 08:53*	*10/07/24 13:14*	*1*
Nitrobenzene-d5 (Surr)	*67*		*28 - 120*	*10/04/24 08:53*	*10/07/24 13:14*	*1*
2-Fluorophenol (Surr)	*73*		*26 - 120*	*10/04/24 08:53*	*10/07/24 13:14*	*1*
2-Fluorobiphenyl (Surr)	*73*		*36 - 120*	*10/04/24 08:53*	*10/07/24 13:14*	*1*
2,4,6-Tribromophenol (Surr)	*79*		*10 - 120*	*10/04/24 08:53*	*10/07/24 13:14*	*1*

Method: SW846 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aroclor-1016	ND		63	31	ug/Kg	☼	10/04/24 08:58	10/07/24 14:39	1
Aroclor-1221	ND		63	38	ug/Kg	☼	10/04/24 08:58	10/07/24 14:39	1
Aroclor-1232	ND		63	26	ug/Kg	☼	10/04/24 08:58	10/07/24 14:39	1
Aroclor-1242	**26**	**J**	63	24	ug/Kg	☼	10/04/24 08:58	10/07/24 14:39	1
Aroclor-1248	ND		63	21	ug/Kg	☼	10/04/24 08:58	10/07/24 14:39	1
Aroclor-1254	ND		63	26	ug/Kg	☼	10/04/24 08:58	10/07/24 14:39	1
Aroclor-1260	ND		63	26	ug/Kg	☼	10/04/24 08:58	10/07/24 14:39	1
Aroclor-1262	ND		63	28	ug/Kg	☼	10/04/24 08:58	10/07/24 14:39	1
Aroclor-1268	ND		63	20	ug/Kg	☼	10/04/24 08:58	10/07/24 14:39	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Tetrachloro-m-xylene	*86*		*10 - 149*	*10/04/24 08:58*	*10/07/24 14:39*	*1*
DCB Decachlorobiphenyl	*93*		*10 - 174*	*10/04/24 08:58*	*10/07/24 14:39*	*1*

Method: SW846 6010D - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	**11**		1.7	0.36	mg/Kg	☼	10/04/24 15:00	10/06/24 01:04	1

Client: August Mack Environmental, Inc.
Project/Site: MSC Canfield - Soil

Job ID: 240-212351-1

Client Sample ID: TO-W-0.0
Date Collected: 10/02/24 15:45
Date Received: 10/03/24 12:00

Lab Sample ID: 240-212351-4
Matrix: Solid
Percent Solids: 77.9

Method: SW846 6010D - Metals (ICP) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Barium	93		23	0.14	mg/Kg	☼	10/04/24 15:00	10/06/24 01:04	1
Cadmium	0.42	J	0.56	0.054	mg/Kg	☼	10/04/24 15:00	10/06/24 01:04	1
Chromium	94		1.1	0.39	mg/Kg	☼	10/04/24 15:00	10/06/24 01:04	1
Copper	35		2.8	0.79	mg/Kg	☼	10/04/24 15:00	10/06/24 01:04	1
Lead	27		1.1	0.32	mg/Kg	☼	10/04/24 15:00	10/06/24 01:04	1
Selenium	1.0	J	2.3	0.53	mg/Kg	☼	10/04/24 15:00	10/06/24 01:04	1
Silver	0.27	J	1.1	0.091	mg/Kg	☼	10/04/24 15:00	10/06/24 01:04	1
Zinc	150		5.6	4.1	mg/Kg	☼	10/04/24 15:00	10/06/24 01:04	1

Method: SW846 7471B - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.036	J	0.13	0.023	mg/Kg	☼	10/04/24 15:00	10/07/24 12:05	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cyanide, Total (SW846 9012B)	2.0		0.59	0.47	mg/Kg	☼	10/04/24 09:22	10/04/24 12:45	1

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Solids (EPA Moisture)	77.9		0.1	0.1	%			10/03/24 19:07	1
Percent Moisture (EPA Moisture)	22.1		0.1	0.1	%			10/03/24 19:07	1

Client: August Mack Environmental, Inc.
Project/Site: MSC Canfield - Soil

Job ID: 240-212351-1

Client Sample ID: T125-E-0.0
Date Collected: 10/02/24 16:03
Date Received: 10/03/24 12:00

Lab Sample ID: 240-212351-5
Matrix: Solid
Percent Solids: 71.2

Method: SW846 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		6.8	2.4	ug/Kg	☼	10/04/24 11:04	10/04/24 17:17	1
1,1,2,2-Tetrachloroethane	ND		6.8	1.9	ug/Kg	☼	10/04/24 11:04	10/04/24 17:17	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		6.8	1.7	ug/Kg	☼	10/04/24 11:04	10/04/24 17:17	1
1,1,2-Trichloroethane	ND		6.8	1.5	ug/Kg	☼	10/04/24 11:04	10/04/24 17:17	1
1,1-Dichloroethane	ND		6.8	1.9	ug/Kg	☼	10/04/24 11:04	10/04/24 17:17	1
1,1-Dichloroethene	ND		6.8	2.5	ug/Kg	☼	10/04/24 11:04	10/04/24 17:17	1
1,2,4-Trichlorobenzene	ND		6.8	3.4	ug/Kg	☼	10/04/24 11:04	10/04/24 17:17	1
1,2-Dibromo-3-Chloropropane	ND		14	4.9	ug/Kg	☼	10/04/24 11:04	10/04/24 17:17	1
Ethylene Dibromide	ND		6.8	1.0	ug/Kg	☼	10/04/24 11:04	10/04/24 17:17	1
1,2-Dichlorobenzene	ND		6.8	1.5	ug/Kg	☼	10/04/24 11:04	10/04/24 17:17	1
1,2-Dichloroethane	ND		6.8	2.4	ug/Kg	☼	10/04/24 11:04	10/04/24 17:17	1
1,2-Dichloropropane	ND		6.8	1.2	ug/Kg	☼	10/04/24 11:04	10/04/24 17:17	1
1,3-Dichlorobenzene	ND		6.8	2.2	ug/Kg	☼	10/04/24 11:04	10/04/24 17:17	1
1,4-Dichlorobenzene	ND		6.8	1.2	ug/Kg	☼	10/04/24 11:04	10/04/24 17:17	1
2-Butanone (MEK)	ND		27	4.8	ug/Kg	☼	10/04/24 11:04	10/04/24 17:17	1
2-Hexanone	ND		27	5.5	ug/Kg	☼	10/04/24 11:04	10/04/24 17:17	1
4-Methyl-2-pentanone (MIBK)	ND		27	5.0	ug/Kg	☼	10/04/24 11:04	10/04/24 17:17	1
Acetone	ND		34	28	ug/Kg	☼	10/04/24 11:04	10/04/24 17:17	1
Benzene	ND		6.8	0.94	ug/Kg	☼	10/04/24 11:04	10/04/24 17:17	1
Dichlorobromomethane	ND		6.8	2.0	ug/Kg	☼	10/04/24 11:04	10/04/24 17:17	1
Bromoform	ND		6.8	3.2	ug/Kg	☼	10/04/24 11:04	10/04/24 17:17	1
Bromomethane	ND		6.8	5.6	ug/Kg	☼	10/04/24 11:04	10/04/24 17:17	1
Carbon disulfide	ND		6.8	1.6	ug/Kg	☼	10/04/24 11:04	10/04/24 17:17	1
Carbon tetrachloride	ND		6.8	4.4	ug/Kg	☼	10/04/24 11:04	10/04/24 17:17	1
Chlorobenzene	ND		6.8	1.2	ug/Kg	☼	10/04/24 11:04	10/04/24 17:17	1
Chloroethane	ND		6.8	3.7	ug/Kg	☼	10/04/24 11:04	10/04/24 17:17	1
Chloroform	ND		6.8	1.1	ug/Kg	☼	10/04/24 11:04	10/04/24 17:17	1
Chloromethane	ND		6.8	3.1	ug/Kg	☼	10/04/24 11:04	10/04/24 17:17	1
cis-1,2-Dichloroethene	ND		6.8	2.0	ug/Kg	☼	10/04/24 11:04	10/04/24 17:17	1
cis-1,3-Dichloropropene	ND		6.8	3.9	ug/Kg	☼	10/04/24 11:04	10/04/24 17:17	1
Cyclohexane	ND		14	1.9	ug/Kg	☼	10/04/24 11:04	10/04/24 17:17	1
Chlorodibromomethane	ND		6.8	3.8	ug/Kg	☼	10/04/24 11:04	10/04/24 17:17	1
Dichlorodifluoromethane	ND		6.8	3.1	ug/Kg	☼	10/04/24 11:04	10/04/24 17:17	1
Ethylbenzene	ND		6.8	1.4	ug/Kg	☼	10/04/24 11:04	10/04/24 17:17	1
Isopropylbenzene	ND		6.8	2.6	ug/Kg	☼	10/04/24 11:04	10/04/24 17:17	1
Methyl acetate	**4.9**	**J**	34	4.6	ug/Kg	☼	10/04/24 11:04	10/04/24 17:17	1
Methyl tert-butyl ether	ND		6.8	2.7	ug/Kg	☼	10/04/24 11:04	10/04/24 17:17	1
Methylcyclohexane	ND		14	1.7	ug/Kg	☼	10/04/24 11:04	10/04/24 17:17	1
Methylene Chloride	ND		34	16	ug/Kg	☼	10/04/24 11:04	10/04/24 17:17	1
Styrene	ND		6.8	1.6	ug/Kg	☼	10/04/24 11:04	10/04/24 17:17	1
Tetrachloroethene	ND		6.8	5.3	ug/Kg	☼	10/04/24 11:04	10/04/24 17:17	1
Toluene	ND		6.8	1.0	ug/Kg	☼	10/04/24 11:04	10/04/24 17:17	1
trans-1,2-Dichloroethene	ND		6.8	1.9	ug/Kg	☼	10/04/24 11:04	10/04/24 17:17	1
trans-1,3-Dichloropropene	ND		6.8	5.0	ug/Kg	☼	10/04/24 11:04	10/04/24 17:17	1
Trichloroethene	ND		6.8	1.9	ug/Kg	☼	10/04/24 11:04	10/04/24 17:17	1
Trichlorofluoromethane	ND		6.8	3.6	ug/Kg	☼	10/04/24 11:04	10/04/24 17:17	1
Vinyl chloride	ND		6.8	2.4	ug/Kg	☼	10/04/24 11:04	10/04/24 17:17	1
Xylenes, Total	ND		14	2.1	ug/Kg	☼	10/04/24 11:04	10/04/24 17:17	1

Client: August Mack Environmental, Inc.
Project/Site: MSC Canfield - Soil

Job ID: 240-212351-1

Client Sample ID: T125-E-0.0
Date Collected: 10/02/24 16:03
Date Received: 10/03/24 12:00

Lab Sample ID: 240-212351-5
Matrix: Solid
Percent Solids: 71.2

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Toluene-d8 (Surr)	*104*		*56 - 125*	*10/04/24 11:04*	*10/04/24 17:17*	*1*
Dibromofluoromethane (Surr)	*94*		*41 - 138*	*10/04/24 11:04*	*10/04/24 17:17*	*1*
4-Bromofluorobenzene (Surr)	*95*		*41 - 143*	*10/04/24 11:04*	*10/04/24 17:17*	*1*
1,2-Dichloroethane-d4 (Surr)	*100*		*58 - 125*	*10/04/24 11:04*	*10/04/24 17:17*	*1*

Method: SW846 8270E - Semivolatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1'-Biphenyl	ND		140	39	ug/Kg	☼	10/04/24 08:53	10/07/24 13:38	1
bis (2-chloroisopropyl) ether	ND		140	37	ug/Kg	☼	10/04/24 08:53	10/07/24 13:38	1
2,4,5-Trichlorophenol	ND		210	47	ug/Kg	☼	10/04/24 08:53	10/07/24 13:38	1
2,4,6-Trichlorophenol	ND		210	41	ug/Kg	☼	10/04/24 08:53	10/07/24 13:38	1
2,4-Dichlorophenol	ND		210	38	ug/Kg	☼	10/04/24 08:53	10/07/24 13:38	1
2,4-Dimethylphenol	ND		210	51	ug/Kg	☼	10/04/24 08:53	10/07/24 13:38	1
2,4-Dinitrophenol	ND		470	240	ug/Kg	☼	10/04/24 08:53	10/07/24 13:38	1
2,4-Dinitrotoluene	ND		280	32	ug/Kg	☼	10/04/24 08:53	10/07/24 13:38	1
2,6-Dinitrotoluene	ND		280	51	ug/Kg	☼	10/04/24 08:53	10/07/24 13:38	1
2-Chloronaphthalene	ND		140	39	ug/Kg	☼	10/04/24 08:53	10/07/24 13:38	1
2-Chlorophenol	ND		140	37	ug/Kg	☼	10/04/24 08:53	10/07/24 13:38	1
2-Methylnaphthalene	**180**		56	18	ug/Kg	☼	10/04/24 08:53	10/07/24 13:38	1
2-Methylphenol	ND		280	58	ug/Kg	☼	10/04/24 08:53	10/07/24 13:38	1
2-Nitroaniline	ND		280	54	ug/Kg	☼	10/04/24 08:53	10/07/24 13:38	1
2-Nitrophenol	ND		140	49	ug/Kg	☼	10/04/24 08:53	10/07/24 13:38	1
3,3'-Dichlorobenzidine	ND		210	130	ug/Kg	☼	10/04/24 08:53	10/07/24 13:38	1
3-Nitroaniline	ND		280	49	ug/Kg	☼	10/04/24 08:53	10/07/24 13:38	1
4,6-Dinitro-2-methylphenol	ND		470	150	ug/Kg	☼	10/04/24 08:53	10/07/24 13:38	1
4-Bromophenyl phenyl ether	ND		140	45	ug/Kg	☼	10/04/24 08:53	10/07/24 13:38	1
4-Chloro-3-methylphenol	ND		210	54	ug/Kg	☼	10/04/24 08:53	10/07/24 13:38	1
4-Chloroaniline	ND		210	23	ug/Kg	☼	10/04/24 08:53	10/07/24 13:38	1
4-Chlorophenyl phenyl ether	ND		140	39	ug/Kg	☼	10/04/24 08:53	10/07/24 13:38	1
4-Nitroaniline	ND		280	37	ug/Kg	☼	10/04/24 08:53	10/07/24 13:38	1
4-Nitrophenol	ND		470	130	ug/Kg	☼	10/04/24 08:53	10/07/24 13:38	1
Acenaphthene	**98**		56	20	ug/Kg	☼	10/04/24 08:53	10/07/24 13:38	1
Acenaphthylene	**83**		56	21	ug/Kg	☼	10/04/24 08:53	10/07/24 13:38	1
Acetophenone	ND		140	35	ug/Kg	☼	10/04/24 08:53	10/07/24 13:38	1
Anthracene	**280**		56	17	ug/Kg	☼	10/04/24 08:53	10/07/24 13:38	1
Atrazine	ND		470	97	ug/Kg	☼	10/04/24 08:53	10/07/24 13:38	1
Benzaldehyde	ND		470	79	ug/Kg	☼	10/04/24 08:53	10/07/24 13:38	1
Benzo[a]anthracene	**1200**		56	21	ug/Kg	☼	10/04/24 08:53	10/07/24 13:38	1
Benzo[a]pyrene	**1300**		56	20	ug/Kg	☼	10/04/24 08:53	10/07/24 13:38	1
Benzo[b]fluoranthene	**2100**		56	17	ug/Kg	☼	10/04/24 08:53	10/07/24 13:38	1
Benzo[g,h,i]perylene	**1100**		56	38	ug/Kg	☼	10/04/24 08:53	10/07/24 13:38	1
Benzo[k]fluoranthene	**740**		56	14	ug/Kg	☼	10/04/24 08:53	10/07/24 13:38	1
Bis(2-chloroethoxy)methane	ND		140	28	ug/Kg	☼	10/04/24 08:53	10/07/24 13:38	1
Bis(2-chloroethyl)ether	ND		140	31	ug/Kg	☼	10/04/24 08:53	10/07/24 13:38	1
Bis(2-ethylhexyl) phthalate	**130**	**J**	210	79	ug/Kg	☼	10/04/24 08:53	10/07/24 13:38	1
Butyl benzyl phthalate	ND		210	72	ug/Kg	☼	10/04/24 08:53	10/07/24 13:38	1
Caprolactam	ND		470	97	ug/Kg	☼	10/04/24 08:53	10/07/24 13:38	1
Carbazole	**270**		140	38	ug/Kg	☼	10/04/24 08:53	10/07/24 13:38	1
Chrysene	**1500**		56	20	ug/Kg	☼	10/04/24 08:53	10/07/24 13:38	1
Dibenz(a,h)anthracene	**240**		56	21	ug/Kg	☼	10/04/24 08:53	10/07/24 13:38	1

Client Sample ID: T125-E-0.0
Date Collected: 10/02/24 16:03
Date Received: 10/03/24 12:00

Lab Sample ID: 240-212351-5
Matrix: Solid
Percent Solids: 71.2

Method: SW846 8270E - Semivolatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Dibenzofuran	**90**	**J**	140	41	ug/Kg	☼	10/04/24 08:53	10/07/24 13:38	1
Diethyl phthalate	ND		210	61	ug/Kg	☼	10/04/24 08:53	10/07/24 13:38	1
Dimethyl phthalate	ND		210	56	ug/Kg	☼	10/04/24 08:53	10/07/24 13:38	1
Di-n-butyl phthalate	ND		210	72	ug/Kg	☼	10/04/24 08:53	10/07/24 13:38	1
Di-n-octyl phthalate	ND		210	71	ug/Kg	☼	10/04/24 08:53	10/07/24 13:38	1
Fluoranthene	**3100**		56	20	ug/Kg	☼	10/04/24 08:53	10/07/24 13:38	1
Fluorene	**89**		56	20	ug/Kg	☼	10/04/24 08:53	10/07/24 13:38	1
Hexachlorobenzene	ND		56	20	ug/Kg	☼	10/04/24 08:53	10/07/24 13:38	1
Hexachlorobutadiene	ND		140	30	ug/Kg	☼	10/04/24 08:53	10/07/24 13:38	1
Hexachlorocyclopentadiene	ND		470	55	ug/Kg	☼	10/04/24 08:53	10/07/24 13:38	1
Hexachloroethane	ND		140	45	ug/Kg	☼	10/04/24 08:53	10/07/24 13:38	1
Indeno[1,2,3-cd]pyrene	**850**		56	17	ug/Kg	☼	10/04/24 08:53	10/07/24 13:38	1
Isophorone	ND		140	37	ug/Kg	☼	10/04/24 08:53	10/07/24 13:38	1
N-Nitrosodi-n-propylamine	ND		140	52	ug/Kg	☼	10/04/24 08:53	10/07/24 13:38	1
N-Nitrosodiphenylamine	ND		140	38	ug/Kg	☼	10/04/24 08:53	10/07/24 13:38	1
Naphthalene	**150**		56	18	ug/Kg	☼	10/04/24 08:53	10/07/24 13:38	1
Nitrobenzene	ND		140	31	ug/Kg	☼	10/04/24 08:53	10/07/24 13:38	1
Pentachlorophenol	ND		380	150	ug/Kg	☼	10/04/24 08:53	10/07/24 13:38	1
Phenanthrene	**1400**		56	18	ug/Kg	☼	10/04/24 08:53	10/07/24 13:38	1
Phenol	**56**	**J**	140	54	ug/Kg	☼	10/04/24 08:53	10/07/24 13:38	1
Pyrene	**2400**		56	23	ug/Kg	☼	10/04/24 08:53	10/07/24 13:38	1
3 & 4 Methylphenol	**120**	**J**	560	58	ug/Kg	☼	10/04/24 08:53	10/07/24 13:38	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Terphenyl-d14 (Surr)	*68*		*37 - 120*	*10/04/24 08:53*	*10/07/24 13:38*	*1*
Phenol-d5 (Surr)	*81*		*29 - 120*	*10/04/24 08:53*	*10/07/24 13:38*	*1*
Nitrobenzene-d5 (Surr)	*68*		*28 - 120*	*10/04/24 08:53*	*10/07/24 13:38*	*1*
2-Fluorophenol (Surr)	*79*		*26 - 120*	*10/04/24 08:53*	*10/07/24 13:38*	*1*
2-Fluorobiphenyl (Surr)	*77*		*36 - 120*	*10/04/24 08:53*	*10/07/24 13:38*	*1*
2,4,6-Tribromophenol (Surr)	*70*		*10 - 120*	*10/04/24 08:53*	*10/07/24 13:38*	*1*

Method: SW846 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aroclor-1016	ND		68	34	ug/Kg	☼	10/04/24 08:58	10/04/24 16:44	1
Aroclor-1221	ND		68	41	ug/Kg	☼	10/04/24 08:58	10/04/24 16:44	1
Aroclor-1232	ND		68	28	ug/Kg	☼	10/04/24 08:58	10/04/24 16:44	1
Aroclor-1242	**37**	**J**	68	26	ug/Kg	☼	10/04/24 08:58	10/04/24 16:44	1
Aroclor-1248	ND		68	23	ug/Kg	☼	10/04/24 08:58	10/04/24 16:44	1
Aroclor-1254	**34**	**J**	68	28	ug/Kg	☼	10/04/24 08:58	10/04/24 16:44	1
Aroclor-1260	ND		68	28	ug/Kg	☼	10/04/24 08:58	10/04/24 16:44	1
Aroclor-1262	ND		68	30	ug/Kg	☼	10/04/24 08:58	10/04/24 16:44	1
Aroclor-1268	ND		68	22	ug/Kg	☼	10/04/24 08:58	10/04/24 16:44	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Tetrachloro-m-xylene	*56*		*10 - 149*	*10/04/24 08:58*	*10/04/24 16:44*	*1*
DCB Decachlorobiphenyl	*9*	*p S1-*	*10 - 174*	*10/04/24 08:58*	*10/04/24 16:44*	*1*

Method: SW846 6010D - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	**32**		1.9	0.41	mg/Kg	☼	10/04/24 15:00	10/06/24 01:09	1

Client: August Mack Environmental, Inc.
Project/Site: MSC Canfield - Soil

Job ID: 240-212351-1

Client Sample ID: T125-E-0.0
Date Collected: 10/02/24 16:03
Date Received: 10/03/24 12:00

Lab Sample ID: 240-212351-5
Matrix: Solid
Percent Solids: 71.2

Method: SW846 6010D - Metals (ICP) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Barium	120		26	0.16	mg/Kg	☼	10/04/24 15:00	10/06/24 01:09	1
Cadmium	1.0	J	3.2	0.31	mg/Kg	☼	10/04/24 15:00	10/06/24 16:05	5
Chromium	340		1.3	0.45	mg/Kg	☼	10/04/24 15:00	10/06/24 01:09	1
Copper	800		16	4.6	mg/Kg	☼	10/04/24 15:00	10/06/24 16:05	5
Lead	71		6.5	1.8	mg/Kg	☼	10/04/24 15:00	10/06/24 16:05	5
Selenium	1.6	J	2.6	0.61	mg/Kg	☼	10/04/24 15:00	10/06/24 01:09	1
Silver	1.1	J	1.3	0.11	mg/Kg	☼	10/04/24 15:00	10/06/24 01:09	1
Zinc	5200		32	24	mg/Kg	☼	10/04/24 15:00	10/06/24 16:05	5

Method: SW846 7471B - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.040	J	0.13	0.023	mg/Kg	☼	10/04/24 15:00	10/07/24 12:07	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cyanide, Total (SW846 9012B)	240		18	14	mg/Kg	☼	10/07/24 08:58	10/07/24 14:56	25

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Solids (EPA Moisture)	71.2		0.1	0.1	%			10/03/24 19:07	1
Percent Moisture (EPA Moisture)	28.8		0.1	0.1	%			10/03/24 19:07	1

Client: August Mack Environmental, Inc.
Project/Site: MSC Canfield - Soil

Job ID: 240-212351-1

Client Sample ID: T125-W-0.0
Date Collected: 10/02/24 16:10
Date Received: 10/03/24 12:00

Lab Sample ID: 240-212351-6
Matrix: Solid
Percent Solids: 69.3

Method: SW846 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		6.6	2.3	ug/Kg	☼	10/04/24 11:04	10/04/24 17:36	1
1,1,2,2-Tetrachloroethane	ND		6.6	1.9	ug/Kg	☼	10/04/24 11:04	10/04/24 17:36	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		6.6	1.7	ug/Kg	☼	10/04/24 11:04	10/04/24 17:36	1
1,1,2-Trichloroethane	ND		6.6	1.5	ug/Kg	☼	10/04/24 11:04	10/04/24 17:36	1
1,1-Dichloroethane	ND		6.6	1.9	ug/Kg	☼	10/04/24 11:04	10/04/24 17:36	1
1,1-Dichloroethene	ND		6.6	2.4	ug/Kg	☼	10/04/24 11:04	10/04/24 17:36	1
1,2,4-Trichlorobenzene	ND		6.6	3.3	ug/Kg	☼	10/04/24 11:04	10/04/24 17:36	1
1,2-Dibromo-3-Chloropropane	ND		13	4.7	ug/Kg	☼	10/04/24 11:04	10/04/24 17:36	1
Ethylene Dibromide	ND		6.6	1.0	ug/Kg	☼	10/04/24 11:04	10/04/24 17:36	1
1,2-Dichlorobenzene	ND		6.6	1.5	ug/Kg	☼	10/04/24 11:04	10/04/24 17:36	1
1,2-Dichloroethane	ND		6.6	2.4	ug/Kg	☼	10/04/24 11:04	10/04/24 17:36	1
1,2-Dichloropropane	ND		6.6	1.1	ug/Kg	☼	10/04/24 11:04	10/04/24 17:36	1
1,3-Dichlorobenzene	ND		6.6	2.2	ug/Kg	☼	10/04/24 11:04	10/04/24 17:36	1
1,4-Dichlorobenzene	ND		6.6	1.2	ug/Kg	☼	10/04/24 11:04	10/04/24 17:36	1
2-Butanone (MEK)	**5.9**	**J**	26	4.7	ug/Kg	☼	10/04/24 11:04	10/04/24 17:36	1
2-Hexanone	ND		26	5.4	ug/Kg	☼	10/04/24 11:04	10/04/24 17:36	1
4-Methyl-2-pentanone (MIBK)	ND		26	4.9	ug/Kg	☼	10/04/24 11:04	10/04/24 17:36	1
Acetone	**53**		33	28	ug/Kg	☼	10/04/24 11:04	10/04/24 17:36	1
Benzene	ND		6.6	0.92	ug/Kg	☼	10/04/24 11:04	10/04/24 17:36	1
Dichlorobromomethane	ND		6.6	2.0	ug/Kg	☼	10/04/24 11:04	10/04/24 17:36	1
Bromoform	ND		6.6	3.2	ug/Kg	☼	10/04/24 11:04	10/04/24 17:36	1
Bromomethane	ND		6.6	5.5	ug/Kg	☼	10/04/24 11:04	10/04/24 17:36	1
Carbon disulfide	ND		6.6	1.5	ug/Kg	☼	10/04/24 11:04	10/04/24 17:36	1
Carbon tetrachloride	ND		6.6	4.3	ug/Kg	☼	10/04/24 11:04	10/04/24 17:36	1
Chlorobenzene	ND		6.6	1.2	ug/Kg	☼	10/04/24 11:04	10/04/24 17:36	1
Chloroethane	ND		6.6	3.6	ug/Kg	☼	10/04/24 11:04	10/04/24 17:36	1
Chloroform	ND		6.6	1.0	ug/Kg	☼	10/04/24 11:04	10/04/24 17:36	1
Chloromethane	ND		6.6	3.0	ug/Kg	☼	10/04/24 11:04	10/04/24 17:36	1
cis-1,2-Dichloroethene	ND		6.6	1.9	ug/Kg	☼	10/04/24 11:04	10/04/24 17:36	1
cis-1,3-Dichloropropene	ND		6.6	3.8	ug/Kg	☼	10/04/24 11:04	10/04/24 17:36	1
Cyclohexane	ND		13	1.8	ug/Kg	☼	10/04/24 11:04	10/04/24 17:36	1
Chlorodibromomethane	ND		6.6	3.7	ug/Kg	☼	10/04/24 11:04	10/04/24 17:36	1
Dichlorodifluoromethane	ND		6.6	3.0	ug/Kg	☼	10/04/24 11:04	10/04/24 17:36	1
Ethylbenzene	ND		6.6	1.4	ug/Kg	☼	10/04/24 11:04	10/04/24 17:36	1
Isopropylbenzene	ND		6.6	2.5	ug/Kg	☼	10/04/24 11:04	10/04/24 17:36	1
Methyl acetate	ND		33	4.5	ug/Kg	☼	10/04/24 11:04	10/04/24 17:36	1
Methyl tert-butyl ether	ND		6.6	2.6	ug/Kg	☼	10/04/24 11:04	10/04/24 17:36	1
Methylcyclohexane	ND		13	1.6	ug/Kg	☼	10/04/24 11:04	10/04/24 17:36	1
Methylene Chloride	ND		33	16	ug/Kg	☼	10/04/24 11:04	10/04/24 17:36	1
Styrene	ND		6.6	1.5	ug/Kg	☼	10/04/24 11:04	10/04/24 17:36	1
Tetrachloroethene	ND		6.6	5.1	ug/Kg	☼	10/04/24 11:04	10/04/24 17:36	1
Toluene	ND		6.6	1.0	ug/Kg	☼	10/04/24 11:04	10/04/24 17:36	1
trans-1,2-Dichloroethene	ND		6.6	1.9	ug/Kg	☼	10/04/24 11:04	10/04/24 17:36	1
trans-1,3-Dichloropropene	ND		6.6	4.9	ug/Kg	☼	10/04/24 11:04	10/04/24 17:36	1
Trichloroethene	ND		6.6	1.9	ug/Kg	☼	10/04/24 11:04	10/04/24 17:36	1
Trichlorofluoromethane	ND		6.6	3.5	ug/Kg	☼	10/04/24 11:04	10/04/24 17:36	1
Vinyl chloride	ND		6.6	2.3	ug/Kg	☼	10/04/24 11:04	10/04/24 17:36	1
Xylenes, Total	ND		13	2.1	ug/Kg	☼	10/04/24 11:04	10/04/24 17:36	1

Client Sample ID: T125-W-0.0
Date Collected: 10/02/24 16:10
Date Received: 10/03/24 12:00

Lab Sample ID: 240-212351-6
Matrix: Solid
Percent Solids: 69.3

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Toluene-d8 (Surr)	*101*		*56 - 125*	*10/04/24 11:04*	*10/04/24 17:36*	*1*
Dibromofluoromethane (Surr)	*83*		*41 - 138*	*10/04/24 11:04*	*10/04/24 17:36*	*1*
4-Bromofluorobenzene (Surr)	*97*		*41 - 143*	*10/04/24 11:04*	*10/04/24 17:36*	*1*
1,2-Dichloroethane-d4 (Surr)	*100*		*58 - 125*	*10/04/24 11:04*	*10/04/24 17:36*	*1*

Method: SW846 8270E - Semivolatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1'-Biphenyl	ND		150	41	ug/Kg	☼	10/04/24 08:53	10/07/24 14:03	1
bis (2-chloroisopropyl) ether	ND		150	38	ug/Kg	☼	10/04/24 08:53	10/07/24 14:03	1
2,4,5-Trichlorophenol	ND		220	48	ug/Kg	☼	10/04/24 08:53	10/07/24 14:03	1
2,4,6-Trichlorophenol	ND		220	42	ug/Kg	☼	10/04/24 08:53	10/07/24 14:03	1
2,4-Dichlorophenol	ND		220	39	ug/Kg	☼	10/04/24 08:53	10/07/24 14:03	1
2,4-Dimethylphenol	ND		220	52	ug/Kg	☼	10/04/24 08:53	10/07/24 14:03	1
2,4-Dinitrophenol	ND		480	250	ug/Kg	☼	10/04/24 08:53	10/07/24 14:03	1
2,4-Dinitrotoluene	ND		290	33	ug/Kg	☼	10/04/24 08:53	10/07/24 14:03	1
2,6-Dinitrotoluene	ND		290	52	ug/Kg	☼	10/04/24 08:53	10/07/24 14:03	1
2-Chloronaphthalene	ND		150	41	ug/Kg	☼	10/04/24 08:53	10/07/24 14:03	1
2-Chlorophenol	ND		150	38	ug/Kg	☼	10/04/24 08:53	10/07/24 14:03	1
2-Methylnaphthalene	**170**		58	19	ug/Kg	☼	10/04/24 08:53	10/07/24 14:03	1
2-Methylphenol	ND		290	59	ug/Kg	☼	10/04/24 08:53	10/07/24 14:03	1
2-Nitroaniline	ND		290	55	ug/Kg	☼	10/04/24 08:53	10/07/24 14:03	1
2-Nitrophenol	ND		150	51	ug/Kg	☼	10/04/24 08:53	10/07/24 14:03	1
3,3'-Dichlorobenzidine	ND		220	140	ug/Kg	☼	10/04/24 08:53	10/07/24 14:03	1
3-Nitroaniline	ND		290	51	ug/Kg	☼	10/04/24 08:53	10/07/24 14:03	1
4,6-Dinitro-2-methylphenol	ND		480	150	ug/Kg	☼	10/04/24 08:53	10/07/24 14:03	1
4-Bromophenyl phenyl ether	ND		150	46	ug/Kg	☼	10/04/24 08:53	10/07/24 14:03	1
4-Chloro-3-methylphenol	ND		220	55	ug/Kg	☼	10/04/24 08:53	10/07/24 14:03	1
4-Chloroaniline	ND		220	23	ug/Kg	☼	10/04/24 08:53	10/07/24 14:03	1
4-Chlorophenyl phenyl ether	ND		150	41	ug/Kg	☼	10/04/24 08:53	10/07/24 14:03	1
4-Nitroaniline	ND		290	38	ug/Kg	☼	10/04/24 08:53	10/07/24 14:03	1
4-Nitrophenol	ND		480	130	ug/Kg	☼	10/04/24 08:53	10/07/24 14:03	1
Acenaphthene	**200**		58	20	ug/Kg	☼	10/04/24 08:53	10/07/24 14:03	1
Acenaphthylene	**36**	**J**	58	22	ug/Kg	☼	10/04/24 08:53	10/07/24 14:03	1
Acetophenone	ND		150	36	ug/Kg	☼	10/04/24 08:53	10/07/24 14:03	1
Anthracene	**480**		58	17	ug/Kg	☼	10/04/24 08:53	10/07/24 14:03	1
Atrazine	ND		480	100	ug/Kg	☼	10/04/24 08:53	10/07/24 14:03	1
Benzaldehyde	ND		480	81	ug/Kg	☼	10/04/24 08:53	10/07/24 14:03	1
Benzo[a]anthracene	**1400**		58	22	ug/Kg	☼	10/04/24 08:53	10/07/24 14:03	1
Benzo[a]pyrene	**1400**		58	20	ug/Kg	☼	10/04/24 08:53	10/07/24 14:03	1
Benzo[b]fluoranthene	**2300**		58	17	ug/Kg	☼	10/04/24 08:53	10/07/24 14:03	1
Benzo[g,h,i]perylene	**1000**		58	39	ug/Kg	☼	10/04/24 08:53	10/07/24 14:03	1
Benzo[k]fluoranthene	**760**		58	15	ug/Kg	☼	10/04/24 08:53	10/07/24 14:03	1
Bis(2-chloroethoxy)methane	ND		150	29	ug/Kg	☼	10/04/24 08:53	10/07/24 14:03	1
Bis(2-chloroethyl)ether	ND		150	32	ug/Kg	☼	10/04/24 08:53	10/07/24 14:03	1
Bis(2-ethylhexyl) phthalate	**100**	**J**	220	81	ug/Kg	☼	10/04/24 08:53	10/07/24 14:03	1
Butyl benzyl phthalate	ND		220	74	ug/Kg	☼	10/04/24 08:53	10/07/24 14:03	1
Caprolactam	ND		480	100	ug/Kg	☼	10/04/24 08:53	10/07/24 14:03	1
Carbazole	**430**		150	39	ug/Kg	☼	10/04/24 08:53	10/07/24 14:03	1
Chrysene	**1700**		58	20	ug/Kg	☼	10/04/24 08:53	10/07/24 14:03	1
Dibenz(a,h)anthracene	**200**		58	22	ug/Kg	☼	10/04/24 08:53	10/07/24 14:03	1

Client Sample ID: T125-W-0.0
Date Collected: 10/02/24 16:10
Date Received: 10/03/24 12:00

Lab Sample ID: 240-212351-6
Matrix: Solid
Percent Solids: 69.3

Method: SW846 8270E - Semivolatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Dibenzofuran	**120**	**J**	150	42	ug/Kg	☼	10/04/24 08:53	10/07/24 14:03	1
Diethyl phthalate	ND		220	62	ug/Kg	☼	10/04/24 08:53	10/07/24 14:03	1
Dimethyl phthalate	ND		220	58	ug/Kg	☼	10/04/24 08:53	10/07/24 14:03	1
Di-n-butyl phthalate	ND		220	74	ug/Kg	☼	10/04/24 08:53	10/07/24 14:03	1
Di-n-octyl phthalate	ND		220	73	ug/Kg	☼	10/04/24 08:53	10/07/24 14:03	1
Fluoranthene	**3800**		58	20	ug/Kg	☼	10/04/24 08:53	10/07/24 14:03	1
Fluorene	**170**		58	20	ug/Kg	☼	10/04/24 08:53	10/07/24 14:03	1
Hexachlorobenzene	ND		58	20	ug/Kg	☼	10/04/24 08:53	10/07/24 14:03	1
Hexachlorobutadiene	ND		150	30	ug/Kg	☼	10/04/24 08:53	10/07/24 14:03	1
Hexachlorocyclopentadiene	ND		480	57	ug/Kg	☼	10/04/24 08:53	10/07/24 14:03	1
Hexachloroethane	ND		150	46	ug/Kg	☼	10/04/24 08:53	10/07/24 14:03	1
Indeno[1,2,3-cd]pyrene	**780**		58	17	ug/Kg	☼	10/04/24 08:53	10/07/24 14:03	1
Isophorone	ND		150	38	ug/Kg	☼	10/04/24 08:53	10/07/24 14:03	1
N-Nitrosodi-n-propylamine	ND		150	54	ug/Kg	☼	10/04/24 08:53	10/07/24 14:03	1
N-Nitrosodiphenylamine	ND		150	39	ug/Kg	☼	10/04/24 08:53	10/07/24 14:03	1
Naphthalene	**150**		58	19	ug/Kg	☼	10/04/24 08:53	10/07/24 14:03	1
Nitrobenzene	ND		150	32	ug/Kg	☼	10/04/24 08:53	10/07/24 14:03	1
Pentachlorophenol	ND		390	150	ug/Kg	☼	10/04/24 08:53	10/07/24 14:03	1
Phenanthrene	**2100**		58	19	ug/Kg	☼	10/04/24 08:53	10/07/24 14:03	1
Phenol	**67**	**J**	150	55	ug/Kg	☼	10/04/24 08:53	10/07/24 14:03	1
Pyrene	**2900**		58	23	ug/Kg	☼	10/04/24 08:53	10/07/24 14:03	1
3 & 4 Methylphenol	**71**	**J**	580	59	ug/Kg	☼	10/04/24 08:53	10/07/24 14:03	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Terphenyl-d14 (Surr)	*69*		*37 - 120*	*10/04/24 08:53*	*10/07/24 14:03*	*1*
Phenol-d5 (Surr)	*83*		*29 - 120*	*10/04/24 08:53*	*10/07/24 14:03*	*1*
Nitrobenzene-d5 (Surr)	*71*		*28 - 120*	*10/04/24 08:53*	*10/07/24 14:03*	*1*
2-Fluorophenol (Surr)	*80*		*26 - 120*	*10/04/24 08:53*	*10/07/24 14:03*	*1*
2-Fluorobiphenyl (Surr)	*81*		*36 - 120*	*10/04/24 08:53*	*10/07/24 14:03*	*1*
2,4,6-Tribromophenol (Surr)	*69*		*10 - 120*	*10/04/24 08:53*	*10/07/24 14:03*	*1*

Method: SW846 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aroclor-1016	ND		70	35	ug/Kg	☼	10/04/24 08:58	10/04/24 16:58	1
Aroclor-1221	ND		70	42	ug/Kg	☼	10/04/24 08:58	10/04/24 16:58	1
Aroclor-1232	ND		70	30	ug/Kg	☼	10/04/24 08:58	10/04/24 16:58	1
Aroclor-1242	**37**	**J**	70	27	ug/Kg	☼	10/04/24 08:58	10/04/24 16:58	1
Aroclor-1248	ND		70	24	ug/Kg	☼	10/04/24 08:58	10/04/24 16:58	1
Aroclor-1254	**33**	**J**	70	30	ug/Kg	☼	10/04/24 08:58	10/04/24 16:58	1
Aroclor-1260	ND		70	30	ug/Kg	☼	10/04/24 08:58	10/04/24 16:58	1
Aroclor-1262	ND		70	31	ug/Kg	☼	10/04/24 08:58	10/04/24 16:58	1
Aroclor-1268	ND		70	23	ug/Kg	☼	10/04/24 08:58	10/04/24 16:58	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Tetrachloro-m-xylene	*75*		*10 - 149*	*10/04/24 08:58*	*10/04/24 16:58*	*1*
DCB Decachlorobiphenyl	*80*		*10 - 174*	*10/04/24 08:58*	*10/04/24 16:58*	*1*

Method: SW846 6010D - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	**11**		1.5	0.32	mg/Kg	☼	10/04/24 15:00	10/06/24 01:13	1

Client: August Mack Environmental, Inc.
Project/Site: MSC Canfield - Soil

Job ID: 240-212351-1

Client Sample ID: T125-W-0.0
Date Collected: 10/02/24 16:10
Date Received: 10/03/24 12:00

Lab Sample ID: 240-212351-6
Matrix: Solid
Percent Solids: 69.3

Method: SW846 6010D - Metals (ICP) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Barium	130		20	0.13	mg/Kg	☼	10/04/24 15:00	10/06/24 01:13	1
Cadmium	0.62		0.50	0.048	mg/Kg	☼	10/04/24 15:00	10/06/24 01:13	1
Chromium	31		1.0	0.35	mg/Kg	☼	10/04/24 15:00	10/06/24 01:13	1
Copper	28		2.5	0.71	mg/Kg	☼	10/04/24 15:00	10/06/24 01:13	1
Lead	39		1.0	0.28	mg/Kg	☼	10/04/24 15:00	10/06/24 01:13	1
Selenium	0.80	J	2.0	0.47	mg/Kg	☼	10/04/24 15:00	10/06/24 01:13	1
Silver	0.22	J	1.0	0.082	mg/Kg	☼	10/04/24 15:00	10/06/24 01:13	1
Zinc	3100		50	37	mg/Kg	☼	10/04/24 15:00	10/06/24 16:09	10

Method: SW846 7471B - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.044	J	0.15	0.026	mg/Kg	☼	10/04/24 15:00	10/07/24 12:09	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cyanide, Total (SW846 9012B)	610		38	30	mg/Kg	☼	10/07/24 08:58	10/07/24 15:09	25

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Solids (EPA Moisture)	69.3		0.1	0.1	%			10/03/24 19:07	1
Percent Moisture (EPA Moisture)	30.7		0.1	0.1	%			10/03/24 19:07	1

Client: August Mack Environmental, Inc.
Project/Site: MSC Canfield - Soil

Job ID: 240-212351-1

Client Sample ID: TO-W-2.0
Date Collected: 10/02/24 16:30
Date Received: 10/03/24 12:00

Lab Sample ID: 240-212351-7
Matrix: Solid
Percent Solids: 83.2

Method: SW846 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		5.6	2.0	ug/Kg	☼	10/04/24 11:04	10/04/24 17:56	1
1,1,2,2-Tetrachloroethane	ND		5.6	1.6	ug/Kg	☼	10/04/24 11:04	10/04/24 17:56	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		5.6	1.4	ug/Kg	☼	10/04/24 11:04	10/04/24 17:56	1
1,1,2-Trichloroethane	ND		5.6	1.3	ug/Kg	☼	10/04/24 11:04	10/04/24 17:56	1
1,1-Dichloroethane	ND		5.6	1.6	ug/Kg	☼	10/04/24 11:04	10/04/24 17:56	1
1,1-Dichloroethene	ND		5.6	2.1	ug/Kg	☼	10/04/24 11:04	10/04/24 17:56	1
1,2,4-Trichlorobenzene	ND		5.6	2.8	ug/Kg	☼	10/04/24 11:04	10/04/24 17:56	1
1,2-Dibromo-3-Chloropropane	ND		11	4.1	ug/Kg	☼	10/04/24 11:04	10/04/24 17:56	1
Ethylene Dibromide	ND		5.6	0.87	ug/Kg	☼	10/04/24 11:04	10/04/24 17:56	1
1,2-Dichlorobenzene	ND		5.6	1.3	ug/Kg	☼	10/04/24 11:04	10/04/24 17:56	1
1,2-Dichloroethane	ND		5.6	2.0	ug/Kg	☼	10/04/24 11:04	10/04/24 17:56	1
1,2-Dichloropropane	ND		5.6	0.96	ug/Kg	☼	10/04/24 11:04	10/04/24 17:56	1
1,3-Dichlorobenzene	ND		5.6	1.9	ug/Kg	☼	10/04/24 11:04	10/04/24 17:56	1
1,4-Dichlorobenzene	ND		5.6	0.99	ug/Kg	☼	10/04/24 11:04	10/04/24 17:56	1
2-Butanone (MEK)	ND		23	4.0	ug/Kg	☼	10/04/24 11:04	10/04/24 17:56	1
2-Hexanone	ND		23	4.6	ug/Kg	☼	10/04/24 11:04	10/04/24 17:56	1
4-Methyl-2-pentanone (MIBK)	ND		23	4.2	ug/Kg	☼	10/04/24 11:04	10/04/24 17:56	1
Acetone	ND		28	24	ug/Kg	☼	10/04/24 11:04	10/04/24 17:56	1
Benzene	ND		5.6	0.79	ug/Kg	☼	10/04/24 11:04	10/04/24 17:56	1
Dichlorobromomethane	ND		5.6	1.7	ug/Kg	☼	10/04/24 11:04	10/04/24 17:56	1
Bromoform	ND		5.6	2.7	ug/Kg	☼	10/04/24 11:04	10/04/24 17:56	1
Bromomethane	ND		5.6	4.7	ug/Kg	☼	10/04/24 11:04	10/04/24 17:56	1
Carbon disulfide	ND		5.6	1.3	ug/Kg	☼	10/04/24 11:04	10/04/24 17:56	1
Carbon tetrachloride	ND		5.6	3.7	ug/Kg	☼	10/04/24 11:04	10/04/24 17:56	1
Chlorobenzene	ND		5.6	1.0	ug/Kg	☼	10/04/24 11:04	10/04/24 17:56	1
Chloroethane	ND		5.6	3.1	ug/Kg	☼	10/04/24 11:04	10/04/24 17:56	1
Chloroform	ND		5.6	0.89	ug/Kg	☼	10/04/24 11:04	10/04/24 17:56	1
Chloromethane	ND		5.6	2.6	ug/Kg	☼	10/04/24 11:04	10/04/24 17:56	1
cis-1,2-Dichloroethene	ND		5.6	1.7	ug/Kg	☼	10/04/24 11:04	10/04/24 17:56	1
cis-1,3-Dichloropropene	ND		5.6	3.2	ug/Kg	☼	10/04/24 11:04	10/04/24 17:56	1
Cyclohexane	ND		11	1.6	ug/Kg	☼	10/04/24 11:04	10/04/24 17:56	1
Chlorodibromomethane	ND		5.6	3.1	ug/Kg	☼	10/04/24 11:04	10/04/24 17:56	1
Dichlorodifluoromethane	ND		5.6	2.6	ug/Kg	☼	10/04/24 11:04	10/04/24 17:56	1
Ethylbenzene	ND		5.6	1.2	ug/Kg	☼	10/04/24 11:04	10/04/24 17:56	1
Isopropylbenzene	ND		5.6	2.2	ug/Kg	☼	10/04/24 11:04	10/04/24 17:56	1
Methyl acetate	ND		28	3.8	ug/Kg	☼	10/04/24 11:04	10/04/24 17:56	1
Methyl tert-butyl ether	ND		5.6	2.2	ug/Kg	☼	10/04/24 11:04	10/04/24 17:56	1
Methylcyclohexane	ND		11	1.4	ug/Kg	☼	10/04/24 11:04	10/04/24 17:56	1
Methylene Chloride	ND		28	14	ug/Kg	☼	10/04/24 11:04	10/04/24 17:56	1
Styrene	ND		5.6	1.3	ug/Kg	☼	10/04/24 11:04	10/04/24 17:56	1
Tetrachloroethene	ND		5.6	4.4	ug/Kg	☼	10/04/24 11:04	10/04/24 17:56	1
Toluene	ND		5.6	0.87	ug/Kg	☼	10/04/24 11:04	10/04/24 17:56	1
trans-1,2-Dichloroethene	ND		5.6	1.6	ug/Kg	☼	10/04/24 11:04	10/04/24 17:56	1
trans-1,3-Dichloropropene	ND		5.6	4.2	ug/Kg	☼	10/04/24 11:04	10/04/24 17:56	1
Trichloroethene	ND		5.6	1.6	ug/Kg	☼	10/04/24 11:04	10/04/24 17:56	1
Trichlorofluoromethane	ND		5.6	3.0	ug/Kg	☼	10/04/24 11:04	10/04/24 17:56	1
Vinyl chloride	ND		5.6	2.0	ug/Kg	☼	10/04/24 11:04	10/04/24 17:56	1
Xylenes, Total	ND		11	1.8	ug/Kg	☼	10/04/24 11:04	10/04/24 17:56	1

Client: August Mack Environmental, Inc.
Project/Site: MSC Canfield - Soil

Job ID: 240-212351-1

Client Sample ID: TO-W-2.0
Date Collected: 10/02/24 16:30
Date Received: 10/03/24 12:00

Lab Sample ID: 240-212351-7
Matrix: Solid
Percent Solids: 83.2

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Toluene-d8 (Surr)	*96*		*56 - 125*	*10/04/24 11:04*	*10/04/24 17:56*	*1*
Dibromofluoromethane (Surr)	*88*		*41 - 138*	*10/04/24 11:04*	*10/04/24 17:56*	*1*
4-Bromofluorobenzene (Surr)	*88*		*41 - 143*	*10/04/24 11:04*	*10/04/24 17:56*	*1*
1,2-Dichloroethane-d4 (Surr)	*93*		*58 - 125*	*10/04/24 11:04*	*10/04/24 17:56*	*1*

Method: SW846 8270E - Semivolatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1'-Biphenyl	ND		2900	820	ug/Kg	☼	10/04/24 08:53	10/07/24 21:25	25
bis (2-chloroisopropyl) ether	ND		2900	760	ug/Kg	☼	10/04/24 08:53	10/07/24 21:25	25
2,4,5-Trichlorophenol	ND		4400	970	ug/Kg	☼	10/04/24 08:53	10/07/24 21:25	25
2,4,6-Trichlorophenol	ND		4400	850	ug/Kg	☼	10/04/24 08:53	10/07/24 21:25	25
2,4-Dichlorophenol	ND		4400	790	ug/Kg	☼	10/04/24 08:53	10/07/24 21:25	25
2,4-Dimethylphenol	ND		4400	1100	ug/Kg	☼	10/04/24 08:53	10/07/24 21:25	25
2,4-Dinitrophenol	ND		9700	5000	ug/Kg	☼	10/04/24 08:53	10/07/24 21:25	25
2,4-Dinitrotoluene	ND		5900	670	ug/Kg	☼	10/04/24 08:53	10/07/24 21:25	25
2,6-Dinitrotoluene	ND		5900	1100	ug/Kg	☼	10/04/24 08:53	10/07/24 21:25	25
2-Chloronaphthalene	ND		2900	820	ug/Kg	☼	10/04/24 08:53	10/07/24 21:25	25
2-Chlorophenol	ND		2900	760	ug/Kg	☼	10/04/24 08:53	10/07/24 21:25	25
2-Methylnaphthalene	**600**	**J**	1200	380	ug/Kg	☼	10/04/24 08:53	10/07/24 21:25	25
2-Methylphenol	ND		5900	1200	ug/Kg	☼	10/04/24 08:53	10/07/24 21:25	25
2-Nitroaniline	ND		5900	1100	ug/Kg	☼	10/04/24 08:53	10/07/24 21:25	25
2-Nitrophenol	ND		2900	1000	ug/Kg	☼	10/04/24 08:53	10/07/24 21:25	25
3,3'-Dichlorobenzidine	ND		4400	2800	ug/Kg	☼	10/04/24 08:53	10/07/24 21:25	25
3-Nitroaniline	ND		5900	1000	ug/Kg	☼	10/04/24 08:53	10/07/24 21:25	25
4,6-Dinitro-2-methylphenol	ND		9700	3100	ug/Kg	☼	10/04/24 08:53	10/07/24 21:25	25
4-Bromophenyl phenyl ether	ND		2900	940	ug/Kg	☼	10/04/24 08:53	10/07/24 21:25	25
4-Chloro-3-methylphenol	ND		4400	1100	ug/Kg	☼	10/04/24 08:53	10/07/24 21:25	25
4-Chloroaniline	ND		4400	470	ug/Kg	☼	10/04/24 08:53	10/07/24 21:25	25
4-Chlorophenyl phenyl ether	ND		2900	820	ug/Kg	☼	10/04/24 08:53	10/07/24 21:25	25
4-Nitroaniline	ND		5900	760	ug/Kg	☼	10/04/24 08:53	10/07/24 21:25	25
4-Nitrophenol	ND		9700	2600	ug/Kg	☼	10/04/24 08:53	10/07/24 21:25	25
Acenaphthene	**2100**		1200	410	ug/Kg	☼	10/04/24 08:53	10/07/24 21:25	25
Acenaphthylene	ND		1200	440	ug/Kg	☼	10/04/24 08:53	10/07/24 21:25	25
Acetophenone	ND		2900	730	ug/Kg	☼	10/04/24 08:53	10/07/24 21:25	25
Anthracene	**2100**		1200	350	ug/Kg	☼	10/04/24 08:53	10/07/24 21:25	25
Atrazine	ND		9700	2000	ug/Kg	☼	10/04/24 08:53	10/07/24 21:25	25
Benzaldehyde	ND		9700	1600	ug/Kg	☼	10/04/24 08:53	10/07/24 21:25	25
Benzo[a]anthracene	**11000**		1200	440	ug/Kg	☼	10/04/24 08:53	10/07/24 21:25	25
Benzo[a]pyrene	**12000**		1200	410	ug/Kg	☼	10/04/24 08:53	10/07/24 21:25	25
Benzo[b]fluoranthene	**23000**		1200	350	ug/Kg	☼	10/04/24 08:53	10/07/24 21:25	25
Benzo[g,h,i]perylene	**4600**		1200	790	ug/Kg	☼	10/04/24 08:53	10/07/24 21:25	25
Benzo[k]fluoranthene	**7700**		1200	290	ug/Kg	☼	10/04/24 08:53	10/07/24 21:25	25
Bis(2-chloroethoxy)methane	ND		2900	590	ug/Kg	☼	10/04/24 08:53	10/07/24 21:25	25
Bis(2-chloroethyl)ether	ND		2900	650	ug/Kg	☼	10/04/24 08:53	10/07/24 21:25	25
Bis(2-ethylhexyl) phthalate	ND		4400	1600	ug/Kg	☼	10/04/24 08:53	10/07/24 21:25	25
Butyl benzyl phthalate	ND		4400	1500	ug/Kg	☼	10/04/24 08:53	10/07/24 21:25	25
Caprolactam	ND		9700	2000	ug/Kg	☼	10/04/24 08:53	10/07/24 21:25	25
Carbazole	**4100**		2900	790	ug/Kg	☼	10/04/24 08:53	10/07/24 21:25	25
Chrysene	**16000**		1200	410	ug/Kg	☼	10/04/24 08:53	10/07/24 21:25	25
Dibenz(a,h)anthracene	**1400**		1200	440	ug/Kg	☼	10/04/24 08:53	10/07/24 21:25	25

Client Sample ID: TO-W-2.0
Lab Sample ID: 240-212351-7
Date Collected: 10/02/24 16:30
Matrix: Solid
Date Received: 10/03/24 12:00
Percent Solids: 83.2

Method: SW846 8270E - Semivolatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Dibenzofuran	**1200**	**J**	2900	850	ug/Kg	☼	10/04/24 08:53	10/07/24 21:25	25
Diethyl phthalate	ND		4400	1300	ug/Kg	☼	10/04/24 08:53	10/07/24 21:25	25
Dimethyl phthalate	ND		4400	1200	ug/Kg	☼	10/04/24 08:53	10/07/24 21:25	25
Di-n-butyl phthalate	ND		4400	1500	ug/Kg	☼	10/04/24 08:53	10/07/24 21:25	25
Di-n-octyl phthalate	ND		4400	1500	ug/Kg	☼	10/04/24 08:53	10/07/24 21:25	25
Fluoranthene	**44000**		1200	410	ug/Kg	☼	10/04/24 08:53	10/07/24 21:25	25
Fluorene	**2000**		1200	410	ug/Kg	☼	10/04/24 08:53	10/07/24 21:25	25
Hexachlorobenzene	ND		1200	410	ug/Kg	☼	10/04/24 08:53	10/07/24 21:25	25
Hexachlorobutadiene	ND		2900	620	ug/Kg	☼	10/04/24 08:53	10/07/24 21:25	25
Hexachlorocyclopentadiene	ND		9700	1100	ug/Kg	☼	10/04/24 08:53	10/07/24 21:25	25
Hexachloroethane	ND		2900	940	ug/Kg	☼	10/04/24 08:53	10/07/24 21:25	25
Indeno[1,2,3-cd]pyrene	**4400**		1200	350	ug/Kg	☼	10/04/24 08:53	10/07/24 21:25	25
Isophorone	ND		2900	760	ug/Kg	☼	10/04/24 08:53	10/07/24 21:25	25
N-Nitrosodi-n-propylamine	ND		2900	1100	ug/Kg	☼	10/04/24 08:53	10/07/24 21:25	25
N-Nitrosodiphenylamine	ND		2900	790	ug/Kg	☼	10/04/24 08:53	10/07/24 21:25	25
Naphthalene	ND		1200	380	ug/Kg	☼	10/04/24 08:53	10/07/24 21:25	25
Nitrobenzene	ND		2900	650	ug/Kg	☼	10/04/24 08:53	10/07/24 21:25	25
Pentachlorophenol	ND		7900	3100	ug/Kg	☼	10/04/24 08:53	10/07/24 21:25	25
Phenanthrene	**28000**		1200	380	ug/Kg	☼	10/04/24 08:53	10/07/24 21:25	25
Phenol	ND		2900	1100	ug/Kg	☼	10/04/24 08:53	10/07/24 21:25	25
Pyrene	**31000**		1200	470	ug/Kg	☼	10/04/24 08:53	10/07/24 21:25	25
3 & 4 Methylphenol	ND		12000	1200	ug/Kg	☼	10/04/24 08:53	10/07/24 21:25	25

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Terphenyl-d14 (Surr)	*77*		*37 - 120*	*10/04/24 08:53*	*10/07/24 21:25*	*25*
Phenol-d5 (Surr)	*84*		*29 - 120*	*10/04/24 08:53*	*10/07/24 21:25*	*25*
Nitrobenzene-d5 (Surr)	*72*		*28 - 120*	*10/04/24 08:53*	*10/07/24 21:25*	*25*
2-Fluorophenol (Surr)	*72*		*26 - 120*	*10/04/24 08:53*	*10/07/24 21:25*	*25*
2-Fluorobiphenyl (Surr)	*85*		*36 - 120*	*10/04/24 08:53*	*10/07/24 21:25*	*25*
2,4,6-Tribromophenol (Surr)	*80*		*10 - 120*	*10/04/24 08:53*	*10/07/24 21:25*	*25*

Method: SW846 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aroclor-1016	ND		59	30	ug/Kg	☼	10/04/24 08:58	10/04/24 17:12	1
Aroclor-1221	ND		59	36	ug/Kg	☼	10/04/24 08:58	10/04/24 17:12	1
Aroclor-1232	ND		59	25	ug/Kg	☼	10/04/24 08:58	10/04/24 17:12	1
Aroclor-1242	**33**	**J**	59	23	ug/Kg	☼	10/04/24 08:58	10/04/24 17:12	1
Aroclor-1248	ND		59	20	ug/Kg	☼	10/04/24 08:58	10/04/24 17:12	1
Aroclor-1254	ND		59	25	ug/Kg	☼	10/04/24 08:58	10/04/24 17:12	1
Aroclor-1260	ND		59	25	ug/Kg	☼	10/04/24 08:58	10/04/24 17:12	1
Aroclor-1262	ND		59	26	ug/Kg	☼	10/04/24 08:58	10/04/24 17:12	1
Aroclor-1268	ND		59	19	ug/Kg	☼	10/04/24 08:58	10/04/24 17:12	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Tetrachloro-m-xylene	*69*		*10 - 149*	*10/04/24 08:58*	*10/04/24 17:12*	*1*
DCB Decachlorobiphenyl	*73*		*10 - 174*	*10/04/24 08:58*	*10/04/24 17:12*	*1*

Method: SW846 6010D - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	**15**		1.6	0.33	mg/Kg	☼	10/04/24 15:00	10/06/24 01:18	1

Client: August Mack Environmental, Inc.
Project/Site: MSC Canfield - Soil

Job ID: 240-212351-1

Client Sample ID: TO-W-2.0
Date Collected: 10/02/24 16:30
Date Received: 10/03/24 12:00

Lab Sample ID: 240-212351-7
Matrix: Solid
Percent Solids: 83.2

Method: SW846 6010D - Metals (ICP) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Barium	75		21	0.13	mg/Kg	☼	10/04/24 15:00	10/06/24 01:18	1
Cadmium	0.40	J	0.52	0.050	mg/Kg	☼	10/04/24 15:00	10/06/24 01:18	1
Chromium	31		1.0	0.36	mg/Kg	☼	10/04/24 15:00	10/06/24 01:18	1
Copper	30		2.6	0.73	mg/Kg	☼	10/04/24 15:00	10/06/24 01:18	1
Lead	33		1.0	0.29	mg/Kg	☼	10/04/24 15:00	10/06/24 01:18	1
Selenium	0.81	J	2.1	0.49	mg/Kg	☼	10/04/24 15:00	10/06/24 01:18	1
Silver	ND		1.0	0.084	mg/Kg	☼	10/04/24 15:00	10/06/24 01:18	1
Zinc	190		5.2	3.8	mg/Kg	☼	10/04/24 15:00	10/06/24 01:18	1

Method: SW846 7471B - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.040	J	0.12	0.022	mg/Kg	☼	10/04/24 15:00	10/07/24 12:11	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cyanide, Total (SW846 9012B)	ND		30	24	mg/Kg	☼	10/09/24 14:42	10/09/24 16:47	50

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Solids (EPA Moisture)	83.2		0.1	0.1	%			10/03/24 19:07	1
Percent Moisture (EPA Moisture)	16.8		0.1	0.1	%			10/03/24 19:07	1

Client: August Mack Environmental, Inc.
Project/Site: MSC Canfield - Soil

Job ID: 240-212351-1

Client Sample ID: TB-1-20241003
Date Collected: 10/02/24 00:00
Date Received: 10/03/24 12:00

Lab Sample ID: 240-212351-8
Matrix: Water

Method: SW846 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		1.0	0.48	ug/L			10/05/24 13:13	1
1,1,2,2-Tetrachloroethane	ND		1.0	0.60	ug/L			10/05/24 13:13	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		1.0	0.41	ug/L			10/05/24 13:13	1
1,1,2-Trichloroethane	ND		1.0	0.48	ug/L			10/05/24 13:13	1
1,1-Dichloroethane	ND		1.0	0.47	ug/L			10/05/24 13:13	1
1,1-Dichloroethene	ND		1.0	0.49	ug/L			10/05/24 13:13	1
1,2,4-Trichlorobenzene	ND		1.0	0.77	ug/L			10/05/24 13:13	1
1,2-Dibromo-3-Chloropropane	ND		2.0	0.91	ug/L			10/05/24 13:13	1
Ethylene Dibromide	ND		1.0	0.41	ug/L			10/05/24 13:13	1
1,2-Dichlorobenzene	ND		1.0	0.48	ug/L			10/05/24 13:13	1
1,2-Dichloroethane	ND		1.0	0.46	ug/L			10/05/24 13:13	1
1,2-Dichloropropane	ND		1.0	0.47	ug/L			10/05/24 13:13	1
1,3-Dichlorobenzene	ND		1.0	0.45	ug/L			10/05/24 13:13	1
1,4-Dichlorobenzene	ND		1.0	0.41	ug/L			10/05/24 13:13	1
2-Butanone (MEK)	ND		10	1.2	ug/L			10/05/24 13:13	1
2-Hexanone	ND		10	1.1	ug/L			10/05/24 13:13	1
4-Methyl-2-pentanone (MIBK)	ND		10	0.99	ug/L			10/05/24 13:13	1
Acetone	ND		10	5.4	ug/L			10/05/24 13:13	1
Benzene	ND		1.0	0.42	ug/L			10/05/24 13:13	1
Dichlorobromomethane	ND		1.0	0.38	ug/L			10/05/24 13:13	1
Bromoform	ND		1.0	0.76	ug/L			10/05/24 13:13	1
Bromomethane	ND		1.0	0.42	ug/L			10/05/24 13:13	1
Carbon disulfide	ND		1.0	0.59	ug/L			10/05/24 13:13	1
Carbon tetrachloride	ND		1.0	0.26	ug/L			10/05/24 13:13	1
Chlorobenzene	ND		1.0	0.38	ug/L			10/05/24 13:13	1
Chloroethane	ND		1.0	0.83	ug/L			10/05/24 13:13	1
Chloroform	ND		1.0	0.47	ug/L			10/05/24 13:13	1
Chloromethane	ND		1.0	0.63	ug/L			10/05/24 13:13	1
cis-1,2-Dichloroethene	ND		1.0	0.46	ug/L			10/05/24 13:13	1
cis-1,3-Dichloropropene	ND		1.0	0.61	ug/L			10/05/24 13:13	1
Cyclohexane	ND		1.0	0.48	ug/L			10/05/24 13:13	1
Chlorodibromomethane	ND		1.0	0.39	ug/L			10/05/24 13:13	1
Dichlorodifluoromethane	ND		1.0	0.35	ug/L			10/05/24 13:13	1
Ethylbenzene	ND		1.0	0.42	ug/L			10/05/24 13:13	1
Isopropylbenzene	ND		1.0	0.49	ug/L			10/05/24 13:13	1
Methyl acetate	ND		10	1.7	ug/L			10/05/24 13:13	1
Methyl tert-butyl ether	ND		1.0	0.47	ug/L			10/05/24 13:13	1
Methylcyclohexane	ND		1.0	0.33	ug/L			10/05/24 13:13	1
Methylene Chloride	ND		5.0	2.6	ug/L			10/05/24 13:13	1
Styrene	ND		1.0	0.45	ug/L			10/05/24 13:13	1
Tetrachloroethene	ND		1.0	0.44	ug/L			10/05/24 13:13	1
Toluene	ND		1.0	0.44	ug/L			10/05/24 13:13	1
trans-1,2-Dichloroethene	ND		1.0	0.51	ug/L			10/05/24 13:13	1
trans-1,3-Dichloropropene	ND		1.0	0.67	ug/L			10/05/24 13:13	1
Trichloroethene	ND		1.0	0.44	ug/L			10/05/24 13:13	1
Trichlorofluoromethane	ND		1.0	0.45	ug/L			10/05/24 13:13	1
Vinyl chloride	ND		1.0	0.45	ug/L			10/05/24 13:13	1
Xylenes, Total	ND		2.0	0.42	ug/L			10/05/24 13:13	1

Client: August Mack Environmental, Inc.
Project/Site: MSC Canfield - Soil

Job ID: 240-212351-1

Client Sample ID: TB-1-20241003
Date Collected: 10/02/24 00:00
Date Received: 10/03/24 12:00

Lab Sample ID: 240-212351-8
Matrix: Water

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
Toluene-d8 (Surr)	98		78 - 122		10/05/24 13:13	1
Dibromofluoromethane (Surr)	104		73 - 120		10/05/24 13:13	1
4-Bromofluorobenzene (Surr)	96		56 - 136		10/05/24 13:13	1
1,2-Dichloroethane-d4 (Surr)	107		62 - 137		10/05/24 13:13	1

Surrogate Summary

Client: August Mack Environmental, Inc.
Project/Site: MSC Canfield - Soil

Job ID: 240-212351-1

Method: 8260D - Volatile Organic Compounds by GC/MS

Matrix: Solid — **Prep Type: Total/NA**

		Percent Surrogate Recovery (Acceptance Limits)			
		TOL	DBFM	BFB	DCA
Lab Sample ID	Client Sample ID	(56-125)	(41-138)	(41-143)	(58-125)
240-212351-1	TO-E-0.0	101	91	96	98
240-212351-2	TO-E-2.0	92	86	91	93
240-212351-3	TO-C-0.0	102	93	92	96
240-212351-4	TO-W-0.0	94	88	90	96
240-212351-5	T125-E-0.0	104	94	95	100
240-212351-6	T125-W-0.0	101	83	97	100
240-212351-7	TO-W-2.0	96	88	88	93
LCS 240-629507/5	Lab Control Sample	95	97	97	97
MB 240-629507/7	Method Blank	98	92	99	100

Surrogate Legend

TOL = Toluene-d8 (Surr)
DBFM = Dibromofluoromethane (Surr)
BFB = 4-Bromofluorobenzene (Surr)
DCA = 1,2-Dichloroethane-d4 (Surr)

Method: 8260D - Volatile Organic Compounds by GC/MS

Matrix: Water — **Prep Type: Total/NA**

		Percent Surrogate Recovery (Acceptance Limits)			
		TOL	DBFM	BFB	DCA
Lab Sample ID	Client Sample ID	(78-122)	(73-120)	(56-136)	(62-137)
240-212351-8	TB-1-20241003	98	104	96	107
LCS 240-629629/5	Lab Control Sample	99	93	102	97
MB 240-629629/8	Method Blank	96	103	94	107

Surrogate Legend

TOL = Toluene-d8 (Surr)
DBFM = Dibromofluoromethane (Surr)
BFB = 4-Bromofluorobenzene (Surr)
DCA = 1,2-Dichloroethane-d4 (Surr)

Method: 8270E - Semivolatile Organic Compounds (GC/MS)

Matrix: Solid — **Prep Type: Total/NA**

		Percent Surrogate Recovery (Acceptance Limits)					
		TPHL	PHL	NBZ	2FP	FBP	TBP
Lab Sample ID	Client Sample ID	(37-120)	(29-120)	(28-120)	(26-120)	(36-120)	(10-120)
240-212351-1	TO-E-0.0	81	82	76	79	88	100
240-212351-2	TO-E-2.0	79	81	72	79	84	84
240-212351-3	TO-C-0.0	82	82	78	81	87	87
240-212351-4	TO-W-0.0	68	76	67	73	73	79
240-212351-5	T125-E-0.0	68	81	68	79	77	70
240-212351-6	T125-W-0.0	69	83	71	80	81	69
240-212351-7	TO-W-2.0	77	84	72	72	85	80
LCS 240-629512/2-A	Lab Control Sample	71	78	72	76	74	76
LCS 240-629517/2-A	Lab Control Sample	90	84	90	88	89	98
MB 240-629512/1-A	Method Blank	84	86	77	86	92	83
MB 240-629517/1-A	Method Blank	89	82	77	83	87	68

Surrogate Legend

TPHL = Terphenyl-d14 (Surr)

Surrogate Summary

Client: August Mack Environmental, Inc. Job ID: 240-212351-1
Project/Site: MSC Canfield - Soil

PHL = Phenol-d5 (Surr)
NBZ = Nitrobenzene-d5 (Surr)
2FP = 2-Fluorophenol (Surr)
FBP = 2-Fluorobiphenyl (Surr)
TBP = 2,4,6-Tribromophenol (Surr)

Method: 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Matrix: Solid **Prep Type: Total/NA**

		Percent Surrogate Recovery (Acceptance Limits)									
		TCX1	DCBP1								
Lab Sample ID	Client Sample ID	(10-149)	(10-174)								
240-212351-1	TO-E-0.0	70	47								
240-212351-2	TO-E-2.0	69	52								
LCS 240-629533/2-A	Lab Control Sample	66	60								
MB 240-629533/1-A	Method Blank	70	53								

Surrogate Legend

TCX = Tetrachloro-m-xylene
DCBP = DCB Decachlorobiphenyl

Method: 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Matrix: Solid **Prep Type: Total/NA**

		Percent Surrogate Recovery (Acceptance Limits)									
		TCX2	DCBP2								
Lab Sample ID	Client Sample ID	(10-149)	(10-174)								
240-212351-3	TO-C-0.0	76	78								
240-212351-4	TO-W-0.0	86	93								
240-212351-5	T125-E-0.0	56	9 p S1-								
240-212351-6	T125-W-0.0	75	80								
240-212351-7	TO-W-2.0	69	73								
LCS 240-629515/2-A	Lab Control Sample	66	84								
MB 240-629515/1-A	Method Blank	80	83								

Surrogate Legend

TCX = Tetrachloro-m-xylene
DCBP = DCB Decachlorobiphenyl

Method: 8260D - Volatile Organic Compounds by GC/MS

Lab Sample ID: MB 240-629507/7
Matrix: Solid
Analysis Batch: 629507

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		5.0	1.8	ug/Kg			10/04/24 11:46	1
1,1,2,2-Tetrachloroethane	ND		5.0	1.4	ug/Kg			10/04/24 11:46	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		5.0	1.3	ug/Kg			10/04/24 11:46	1
1,1,2-Trichloroethane	ND		5.0	1.1	ug/Kg			10/04/24 11:46	1
1,1-Dichloroethane	ND		5.0	1.4	ug/Kg			10/04/24 11:46	1
1,1-Dichloroethene	ND		5.0	1.8	ug/Kg			10/04/24 11:46	1
1,2,4-Trichlorobenzene	ND		5.0	2.5	ug/Kg			10/04/24 11:46	1
1,2-Dibromo-3-Chloropropane	ND		10	3.6	ug/Kg			10/04/24 11:46	1
Ethylene Dibromide	ND		5.0	0.77	ug/Kg			10/04/24 11:46	1
1,2-Dichlorobenzene	ND		5.0	1.1	ug/Kg			10/04/24 11:46	1
1,2-Dichloroethane	ND		5.0	1.8	ug/Kg			10/04/24 11:46	1
1,2-Dichloropropane	ND		5.0	0.85	ug/Kg			10/04/24 11:46	1
1,3-Dichlorobenzene	ND		5.0	1.6	ug/Kg			10/04/24 11:46	1
1,4-Dichlorobenzene	ND		5.0	0.88	ug/Kg			10/04/24 11:46	1
2-Butanone (MEK)	ND		20	3.6	ug/Kg			10/04/24 11:46	1
2-Hexanone	ND		20	4.1	ug/Kg			10/04/24 11:46	1
4-Methyl-2-pentanone (MIBK)	ND		20	3.7	ug/Kg			10/04/24 11:46	1
Acetone	ND		25	21	ug/Kg			10/04/24 11:46	1
Benzene	ND		5.0	0.70	ug/Kg			10/04/24 11:46	1
Dichlorobromomethane	ND		5.0	1.5	ug/Kg			10/04/24 11:46	1
Bromoform	ND		5.0	2.4	ug/Kg			10/04/24 11:46	1
Bromomethane	ND		5.0	4.2	ug/Kg			10/04/24 11:46	1
Carbon disulfide	ND		5.0	1.2	ug/Kg			10/04/24 11:46	1
Carbon tetrachloride	ND		5.0	3.3	ug/Kg			10/04/24 11:46	1
Chlorobenzene	ND		5.0	0.92	ug/Kg			10/04/24 11:46	1
Chloroethane	ND		5.0	2.7	ug/Kg			10/04/24 11:46	1
Chloroform	ND		5.0	0.79	ug/Kg			10/04/24 11:46	1
Chloromethane	ND		5.0	2.3	ug/Kg			10/04/24 11:46	1
cis-1,2-Dichloroethene	ND		5.0	1.5	ug/Kg			10/04/24 11:46	1
cis-1,3-Dichloropropene	ND		5.0	2.9	ug/Kg			10/04/24 11:46	1
Cyclohexane	ND		10	1.4	ug/Kg			10/04/24 11:46	1
Chlorodibromomethane	ND		5.0	2.8	ug/Kg			10/04/24 11:46	1
Dichlorodifluoromethane	ND		5.0	2.3	ug/Kg			10/04/24 11:46	1
Ethylbenzene	ND		5.0	1.0	ug/Kg			10/04/24 11:46	1
Isopropylbenzene	ND		5.0	1.9	ug/Kg			10/04/24 11:46	1
Methyl acetate	ND		25	3.4	ug/Kg			10/04/24 11:46	1
Methyl tert-butyl ether	ND		5.0	2.0	ug/Kg			10/04/24 11:46	1
Methylcyclohexane	ND		10	1.2	ug/Kg			10/04/24 11:46	1
Methylene Chloride	ND		25	12	ug/Kg			10/04/24 11:46	1
Styrene	ND		5.0	1.2	ug/Kg			10/04/24 11:46	1
Tetrachloroethene	ND		5.0	3.9	ug/Kg			10/04/24 11:46	1
Toluene	ND		5.0	0.77	ug/Kg			10/04/24 11:46	1
trans-1,2-Dichloroethene	ND		5.0	1.4	ug/Kg			10/04/24 11:46	1
trans-1,3-Dichloropropene	ND		5.0	3.7	ug/Kg			10/04/24 11:46	1
Trichloroethene	ND		5.0	1.4	ug/Kg			10/04/24 11:46	1
Trichlorofluoromethane	ND		5.0	2.7	ug/Kg			10/04/24 11:46	1
Vinyl chloride	ND		5.0	1.8	ug/Kg			10/04/24 11:46	1
Xylenes, Total	ND		10	1.6	ug/Kg			10/04/24 11:46	1

Method: 8260D - Volatile Organic Compounds by GC/MS (Continued)

Lab Sample ID: MB 240-629507/7
Matrix: Solid
Analysis Batch: 629507

Client Sample ID: Method Blank
Prep Type: Total/NA

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
Toluene-d8 (Surr)	*98*		*56 - 125*		*10/04/24 11:46*	*1*
Dibromofluoromethane (Surr)	*92*		*41 - 138*		*10/04/24 11:46*	*1*
4-Bromofluorobenzene (Surr)	*99*		*41 - 143*		*10/04/24 11:46*	*1*
1,2-Dichloroethane-d4 (Surr)	*100*		*58 - 125*		*10/04/24 11:46*	*1*

Lab Sample ID: LCS 240-629507/5
Matrix: Solid
Analysis Batch: 629507

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
1,1,1-Trichloroethane	50.0	53.5		ug/Kg		107	74 - 136
1,1,2,2-Tetrachloroethane	50.0	46.8		ug/Kg		94	66 - 129
1,1,2-Trichloro-1,2,2-trifluoroethane	50.0	49.8		ug/Kg		100	64 - 148
1,1,2-Trichloroethane	50.0	50.1		ug/Kg		100	79 - 120
1,1-Dichloroethane	50.0	50.3		ug/Kg		101	74 - 121
1,1-Dichloroethene	50.0	51.4		ug/Kg		103	68 - 141
1,2,4-Trichlorobenzene	50.0	52.5		ug/Kg		105	58 - 132
1,2-Dibromo-3-Chloropropane	50.0	48.3		ug/Kg		97	52 - 133
Ethylene Dibromide	50.0	50.1		ug/Kg		100	80 - 121
1,2-Dichlorobenzene	50.0	48.6		ug/Kg		97	73 - 120
1,2-Dichloroethane	50.0	48.5		ug/Kg		97	71 - 123
1,2-Dichloropropane	50.0	47.6		ug/Kg		95	76 - 126
1,3-Dichlorobenzene	50.0	51.0		ug/Kg		102	73 - 120
1,4-Dichlorobenzene	50.0	50.2		ug/Kg		100	74 - 120
2-Butanone (MEK)	100	108		ug/Kg		108	63 - 142
2-Hexanone	100	107		ug/Kg		107	65 - 142
4-Methyl-2-pentanone (MIBK)	100	102		ug/Kg		102	62 - 142
Acetone	100	114		ug/Kg		114	58 - 160
Benzene	50.0	49.2		ug/Kg		98	76 - 121
Dichlorobromomethane	50.0	52.8		ug/Kg		106	71 - 138
Bromoform	50.0	46.3		ug/Kg		93	57 - 140
Bromomethane	50.0	46.3		ug/Kg		93	10 - 171
Carbon disulfide	50.0	50.3		ug/Kg		101	43 - 152
Carbon tetrachloride	50.0	53.5		ug/Kg		107	64 - 144
Chlorobenzene	50.0	50.4		ug/Kg		101	80 - 120
Chloroethane	50.0	52.5		ug/Kg		105	11 - 164
Chloroform	50.0	49.1		ug/Kg		98	78 - 120
Chloromethane	50.0	44.2		ug/Kg		88	41 - 142
cis-1,2-Dichloroethene	50.0	50.0		ug/Kg		100	78 - 124
cis-1,3-Dichloropropene	50.0	49.4		ug/Kg		99	70 - 133
Cyclohexane	50.0	51.4		ug/Kg		103	65 - 137
Chlorodibromomethane	50.0	51.8		ug/Kg		104	68 - 131
Dichlorodifluoromethane	50.0	42.5		ug/Kg		85	21 - 150
Ethylbenzene	50.0	51.0		ug/Kg		102	80 - 120
Isopropylbenzene	50.0	58.4		ug/Kg		117	80 - 130
Methyl acetate	100	85.1		ug/Kg		85	60 - 133
Methyl tert-butyl ether	50.0	48.1		ug/Kg		96	70 - 130
Methylcyclohexane	50.0	51.8		ug/Kg		104	70 - 138

Method: 8260D - Volatile Organic Compounds by GC/MS (Continued)

Lab Sample ID: LCS 240-629507/5
Matrix: Solid
Analysis Batch: 629507

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
Methylene Chloride			50.0	46.1		ug/Kg		92	71 - 124		
Styrene			50.0	50.6		ug/Kg		101	75 - 140		
Tetrachloroethene			50.0	52.9		ug/Kg		106	76 - 127		
Toluene			50.0	48.1		ug/Kg		96	80 - 120		
trans-1,2-Dichloroethene			50.0	50.6		ug/Kg		101	76 - 130		
trans-1,3-Dichloropropene			50.0	54.8		ug/Kg		110	61 - 121		
Trichloroethene			50.0	53.9		ug/Kg		108	74 - 130		
Trichlorofluoromethane			50.0	58.5		ug/Kg		117	50 - 154		
Vinyl chloride			50.0	55.8		ug/Kg		112	49 - 146		
Xylenes, Total			100	104		ug/Kg		104	80 - 122		
m-Xylene & p-Xylene			50.0	52.0		ug/Kg		104	80 - 122		
o-Xylene			50.0	51.5		ug/Kg		103	80 - 124		

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
Toluene-d8 (Surr)	*95*		*56 - 125*
Dibromofluoromethane (Surr)	*97*		*41 - 138*
4-Bromofluorobenzene (Surr)	*97*		*41 - 143*
1,2-Dichloroethane-d4 (Surr)	*97*		*58 - 125*

Lab Sample ID: MB 240-629629/8
Matrix: Water
Analysis Batch: 629629

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		1.0	0.48	ug/L			10/05/24 12:49	1
1,1,2,2-Tetrachloroethane	ND		1.0	0.60	ug/L			10/05/24 12:49	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		1.0	0.41	ug/L			10/05/24 12:49	1
1,1,2-Trichloroethane	ND		1.0	0.48	ug/L			10/05/24 12:49	1
1,1-Dichloroethane	ND		1.0	0.47	ug/L			10/05/24 12:49	1
1,1-Dichloroethene	ND		1.0	0.49	ug/L			10/05/24 12:49	1
1,2,4-Trichlorobenzene	ND		1.0	0.77	ug/L			10/05/24 12:49	1
1,2-Dibromo-3-Chloropropane	ND		2.0	0.91	ug/L			10/05/24 12:49	1
Ethylene Dibromide	ND		1.0	0.41	ug/L			10/05/24 12:49	1
1,2-Dichlorobenzene	ND		1.0	0.48	ug/L			10/05/24 12:49	1
1,2-Dichloroethane	ND		1.0	0.46	ug/L			10/05/24 12:49	1
1,2-Dichloropropane	ND		1.0	0.47	ug/L			10/05/24 12:49	1
1,3-Dichlorobenzene	ND		1.0	0.45	ug/L			10/05/24 12:49	1
1,4-Dichlorobenzene	ND		1.0	0.41	ug/L			10/05/24 12:49	1
2-Butanone (MEK)	ND		10	1.2	ug/L			10/05/24 12:49	1
2-Hexanone	ND		10	1.1	ug/L			10/05/24 12:49	1
4-Methyl-2-pentanone (MIBK)	ND		10	0.99	ug/L			10/05/24 12:49	1
Acetone	ND		10	5.4	ug/L			10/05/24 12:49	1
Benzene	ND		1.0	0.42	ug/L			10/05/24 12:49	1
Dichlorobromomethane	ND		1.0	0.38	ug/L			10/05/24 12:49	1
Bromoform	ND		1.0	0.76	ug/L			10/05/24 12:49	1
Bromomethane	0.458	J	1.0	0.42	ug/L			10/05/24 12:49	1
Carbon disulfide	ND		1.0	0.59	ug/L			10/05/24 12:49	1
Carbon tetrachloride	ND		1.0	0.26	ug/L			10/05/24 12:49	1

Method: 8260D - Volatile Organic Compounds by GC/MS (Continued)

Lab Sample ID: MB 240-629629/8
Matrix: Water
Analysis Batch: 629629

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chlorobenzene	ND		1.0	0.38	ug/L			10/05/24 12:49	1
Chloroethane	ND		1.0	0.83	ug/L			10/05/24 12:49	1
Chloroform	ND		1.0	0.47	ug/L			10/05/24 12:49	1
Chloromethane	ND		1.0	0.63	ug/L			10/05/24 12:49	1
cis-1,2-Dichloroethene	ND		1.0	0.46	ug/L			10/05/24 12:49	1
cis-1,3-Dichloropropene	ND		1.0	0.61	ug/L			10/05/24 12:49	1
Cyclohexane	ND		1.0	0.48	ug/L			10/05/24 12:49	1
Chlorodibromomethane	ND		1.0	0.39	ug/L			10/05/24 12:49	1
Dichlorodifluoromethane	ND		1.0	0.35	ug/L			10/05/24 12:49	1
Ethylbenzene	ND		1.0	0.42	ug/L			10/05/24 12:49	1
Isopropylbenzene	ND		1.0	0.49	ug/L			10/05/24 12:49	1
Methyl acetate	ND		10	1.7	ug/L			10/05/24 12:49	1
Methyl tert-butyl ether	ND		1.0	0.47	ug/L			10/05/24 12:49	1
Methylcyclohexane	ND		1.0	0.33	ug/L			10/05/24 12:49	1
Methylene Chloride	ND		5.0	2.6	ug/L			10/05/24 12:49	1
Styrene	ND		1.0	0.45	ug/L			10/05/24 12:49	1
Tetrachloroethene	ND		1.0	0.44	ug/L			10/05/24 12:49	1
Toluene	ND		1.0	0.44	ug/L			10/05/24 12:49	1
trans-1,2-Dichloroethene	ND		1.0	0.51	ug/L			10/05/24 12:49	1
trans-1,3-Dichloropropene	ND		1.0	0.67	ug/L			10/05/24 12:49	1
Trichloroethene	ND		1.0	0.44	ug/L			10/05/24 12:49	1
Trichlorofluoromethane	ND		1.0	0.45	ug/L			10/05/24 12:49	1
Vinyl chloride	ND		1.0	0.45	ug/L			10/05/24 12:49	1
Xylenes, Total	ND		2.0	0.42	ug/L			10/05/24 12:49	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Toluene-d8 (Surr)	*96*		*78 - 122*		*10/05/24 12:49*	*1*
Dibromofluoromethane (Surr)	*103*		*73 - 120*		*10/05/24 12:49*	*1*
4-Bromofluorobenzene (Surr)	*94*		*56 - 136*		*10/05/24 12:49*	*1*
1,2-Dichloroethane-d4 (Surr)	*107*		*62 - 137*		*10/05/24 12:49*	*1*

Lab Sample ID: LCS 240-629629/5
Matrix: Water
Analysis Batch: 629629

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
1,1,1-Trichloroethane	25.0	23.5		ug/L		94	64 - 131
1,1,2,2-Tetrachloroethane	25.0	22.9		ug/L		91	58 - 157
1,1,2-Trichloro-1,2,2-trifluoroethane	25.0	23.1		ug/L		92	51 - 146
1,1,2-Trichloroethane	25.0	23.5		ug/L		94	70 - 138
1,1-Dichloroethane	25.0	23.4		ug/L		94	72 - 127
1,1-Dichloroethene	25.0	22.9		ug/L		92	63 - 134
1,2,4-Trichlorobenzene	25.0	23.3		ug/L		93	44 - 147
1,2-Dibromo-3-Chloropropane	25.0	21.7		ug/L		87	53 - 135
Ethylene Dibromide	25.0	23.7		ug/L		95	71 - 134
1,2-Dichlorobenzene	25.0	23.0		ug/L		92	78 - 120
1,2-Dichloroethane	25.0	22.6		ug/L		90	66 - 128
1,2-Dichloropropane	25.0	24.2		ug/L		97	75 - 133

Method: 8260D - Volatile Organic Compounds by GC/MS (Continued)

Lab Sample ID: LCS 240-629629/5
Matrix: Water
Analysis Batch: 629629

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
1,3-Dichlorobenzene	25.0	23.2		ug/L		93	80 - 120
1,4-Dichlorobenzene	25.0	22.7		ug/L		91	80 - 120
2-Butanone (MEK)	50.0	43.1		ug/L		86	54 - 156
2-Hexanone	50.0	50.0		ug/L		100	43 - 167
4-Methyl-2-pentanone (MIBK)	50.0	46.8		ug/L		94	46 - 158
Acetone	50.0	47.1		ug/L		94	50 - 149
Benzene	25.0	23.9		ug/L		96	77 - 123
Dichlorobromomethane	25.0	22.5		ug/L		90	69 - 126
Bromoform	25.0	23.8		ug/L		95	57 - 129
Bromomethane	12.5	9.46		ug/L		76	36 - 142
Carbon disulfide	25.0	22.7		ug/L		91	43 - 140
Carbon tetrachloride	25.0	23.1		ug/L		92	55 - 137
Chlorobenzene	25.0	23.7		ug/L		95	80 - 121
Chloroethane	12.5	11.8		ug/L		94	38 - 152
Chloroform	25.0	21.8		ug/L		87	74 - 122
Chloromethane	12.5	9.48		ug/L		76	47 - 143
cis-1,2-Dichloroethene	25.0	23.1		ug/L		92	77 - 123
cis-1,3-Dichloropropene	25.0	22.7		ug/L		91	64 - 130
Cyclohexane	25.0	24.0		ug/L		96	58 - 146
Chlorodibromomethane	25.0	22.6		ug/L		90	70 - 124
Dichlorodifluoromethane	12.5	7.53		ug/L		60	34 - 153
Ethylbenzene	25.0	24.8		ug/L		99	80 - 121
Isopropylbenzene	25.0	28.1		ug/L		112	74 - 128
Methyl acetate	50.0	45.3		ug/L		91	42 - 169
Methyl tert-butyl ether	25.0	24.0		ug/L		96	65 - 126
Methylcyclohexane	25.0	23.8		ug/L		95	62 - 136
Methylene Chloride	25.0	24.0		ug/L		96	71 - 125
Styrene	25.0	26.0		ug/L		104	80 - 135
Tetrachloroethene	25.0	23.8		ug/L		95	76 - 123
Toluene	25.0	23.2		ug/L		93	80 - 123
trans-1,2-Dichloroethene	25.0	23.2		ug/L		93	75 - 124
trans-1,3-Dichloropropene	25.0	24.9		ug/L		100	57 - 129
Trichloroethene	25.0	22.6		ug/L		90	70 - 122
Trichlorofluoromethane	12.5	11.4		ug/L		92	30 - 170
Vinyl chloride	12.5	11.2		ug/L		90	60 - 144
Xylenes, Total	50.0	50.5		ug/L		101	80 - 121
m-Xylene & p-Xylene	25.0	25.1		ug/L		100	80 - 120
o-Xylene	25.0	25.4		ug/L		102	80 - 123

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
Toluene-d8 (Surr)	*99*		*78 - 122*
Dibromofluoromethane (Surr)	*93*		*73 - 120*
4-Bromofluorobenzene (Surr)	*102*		*56 - 136*
1,2-Dichloroethane-d4 (Surr)	*97*		*62 - 137*

Method: 8270E - Semivolatile Organic Compounds (GC/MS)

Lab Sample ID: MB 240-629512/1-A
Matrix: Solid
Analysis Batch: 629724

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 629512

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1'-Biphenyl	ND		100	28	ug/Kg		10/04/24 08:53	10/07/24 10:21	1
bis (2-chloroisopropyl) ether	ND		100	26	ug/Kg		10/04/24 08:53	10/07/24 10:21	1
2,4,5-Trichlorophenol	ND		150	33	ug/Kg		10/04/24 08:53	10/07/24 10:21	1
2,4,6-Trichlorophenol	ND		150	29	ug/Kg		10/04/24 08:53	10/07/24 10:21	1
2,4-Dichlorophenol	ND		150	27	ug/Kg		10/04/24 08:53	10/07/24 10:21	1
2,4-Dimethylphenol	ND		150	36	ug/Kg		10/04/24 08:53	10/07/24 10:21	1
2,4-Dinitrophenol	ND		330	170	ug/Kg		10/04/24 08:53	10/07/24 10:21	1
2,4-Dinitrotoluene	ND		200	23	ug/Kg		10/04/24 08:53	10/07/24 10:21	1
2,6-Dinitrotoluene	ND		200	36	ug/Kg		10/04/24 08:53	10/07/24 10:21	1
2-Chloronaphthalene	ND		100	28	ug/Kg		10/04/24 08:53	10/07/24 10:21	1
2-Chlorophenol	ND		100	26	ug/Kg		10/04/24 08:53	10/07/24 10:21	1
2-Methylnaphthalene	ND		40	13	ug/Kg		10/04/24 08:53	10/07/24 10:21	1
2-Methylphenol	ND		200	41	ug/Kg		10/04/24 08:53	10/07/24 10:21	1
2-Nitroaniline	ND		200	38	ug/Kg		10/04/24 08:53	10/07/24 10:21	1
2-Nitrophenol	ND		100	35	ug/Kg		10/04/24 08:53	10/07/24 10:21	1
3,3'-Dichlorobenzidine	ND		150	95	ug/Kg		10/04/24 08:53	10/07/24 10:21	1
3-Nitroaniline	ND		200	35	ug/Kg		10/04/24 08:53	10/07/24 10:21	1
4,6-Dinitro-2-methylphenol	ND		330	100	ug/Kg		10/04/24 08:53	10/07/24 10:21	1
4-Bromophenyl phenyl ether	ND		100	32	ug/Kg		10/04/24 08:53	10/07/24 10:21	1
4-Chloro-3-methylphenol	ND		150	38	ug/Kg		10/04/24 08:53	10/07/24 10:21	1
4-Chloroaniline	ND		150	16	ug/Kg		10/04/24 08:53	10/07/24 10:21	1
4-Chlorophenyl phenyl ether	ND		100	28	ug/Kg		10/04/24 08:53	10/07/24 10:21	1
4-Nitroaniline	ND		200	26	ug/Kg		10/04/24 08:53	10/07/24 10:21	1
4-Nitrophenol	ND		330	90	ug/Kg		10/04/24 08:53	10/07/24 10:21	1
Acenaphthene	ND		40	14	ug/Kg		10/04/24 08:53	10/07/24 10:21	1
Acenaphthylene	ND		40	15	ug/Kg		10/04/24 08:53	10/07/24 10:21	1
Acetophenone	ND		100	25	ug/Kg		10/04/24 08:53	10/07/24 10:21	1
Anthracene	ND		40	12	ug/Kg		10/04/24 08:53	10/07/24 10:21	1
Atrazine	ND		330	69	ug/Kg		10/04/24 08:53	10/07/24 10:21	1
Benzaldehyde	ND		330	56	ug/Kg		10/04/24 08:53	10/07/24 10:21	1
Benzo[a]anthracene	ND		40	15	ug/Kg		10/04/24 08:53	10/07/24 10:21	1
Benzo[a]pyrene	ND		40	14	ug/Kg		10/04/24 08:53	10/07/24 10:21	1
Benzo[b]fluoranthene	ND		40	12	ug/Kg		10/04/24 08:53	10/07/24 10:21	1
Benzo[g,h,i]perylene	ND		40	27	ug/Kg		10/04/24 08:53	10/07/24 10:21	1
Benzo[k]fluoranthene	ND		40	10	ug/Kg		10/04/24 08:53	10/07/24 10:21	1
Bis(2-chloroethoxy)methane	ND		100	20	ug/Kg		10/04/24 08:53	10/07/24 10:21	1
Bis(2-chloroethyl)ether	ND		100	22	ug/Kg		10/04/24 08:53	10/07/24 10:21	1
Bis(2-ethylhexyl) phthalate	ND		150	56	ug/Kg		10/04/24 08:53	10/07/24 10:21	1
Butyl benzyl phthalate	ND		150	51	ug/Kg		10/04/24 08:53	10/07/24 10:21	1
Caprolactam	ND		330	69	ug/Kg		10/04/24 08:53	10/07/24 10:21	1
Carbazole	ND		100	27	ug/Kg		10/04/24 08:53	10/07/24 10:21	1
Chrysene	ND		40	14	ug/Kg		10/04/24 08:53	10/07/24 10:21	1
Dibenz(a,h)anthracene	ND		40	15	ug/Kg		10/04/24 08:53	10/07/24 10:21	1
Dibenzofuran	ND		100	29	ug/Kg		10/04/24 08:53	10/07/24 10:21	1
Diethyl phthalate	ND		150	43	ug/Kg		10/04/24 08:53	10/07/24 10:21	1
Dimethyl phthalate	ND		150	40	ug/Kg		10/04/24 08:53	10/07/24 10:21	1
Di-n-butyl phthalate	ND		150	51	ug/Kg		10/04/24 08:53	10/07/24 10:21	1
Di-n-octyl phthalate	ND		150	50	ug/Kg		10/04/24 08:53	10/07/24 10:21	1

Method: 8270E - Semivolatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: MB 240-629512/1-A
Matrix: Solid
Analysis Batch: 629724

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 629512

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Fluoranthene	ND		40	14	ug/Kg		10/04/24 08:53	10/07/24 10:21	1
Fluorene	ND		40	14	ug/Kg		10/04/24 08:53	10/07/24 10:21	1
Hexachlorobenzene	ND		40	14	ug/Kg		10/04/24 08:53	10/07/24 10:21	1
Hexachlorobutadiene	ND		100	21	ug/Kg		10/04/24 08:53	10/07/24 10:21	1
Hexachlorocyclopentadiene	ND		330	39	ug/Kg		10/04/24 08:53	10/07/24 10:21	1
Hexachloroethane	ND		100	32	ug/Kg		10/04/24 08:53	10/07/24 10:21	1
Indeno[1,2,3-cd]pyrene	ND		40	12	ug/Kg		10/04/24 08:53	10/07/24 10:21	1
Isophorone	ND		100	26	ug/Kg		10/04/24 08:53	10/07/24 10:21	1
N-Nitrosodi-n-propylamine	ND		100	37	ug/Kg		10/04/24 08:53	10/07/24 10:21	1
N-Nitrosodiphenylamine	ND		100	27	ug/Kg		10/04/24 08:53	10/07/24 10:21	1
Naphthalene	ND		40	13	ug/Kg		10/04/24 08:53	10/07/24 10:21	1
Nitrobenzene	ND		100	22	ug/Kg		10/04/24 08:53	10/07/24 10:21	1
Pentachlorophenol	ND		270	110	ug/Kg		10/04/24 08:53	10/07/24 10:21	1
Phenanthrene	ND		40	13	ug/Kg		10/04/24 08:53	10/07/24 10:21	1
Phenol	ND		100	38	ug/Kg		10/04/24 08:53	10/07/24 10:21	1
Pyrene	ND		40	16	ug/Kg		10/04/24 08:53	10/07/24 10:21	1
3 & 4 Methylphenol	ND		400	41	ug/Kg		10/04/24 08:53	10/07/24 10:21	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Terphenyl-d14 (Surr)	*84*		*37 - 120*	*10/04/24 08:53*	*10/07/24 10:21*	*1*
Phenol-d5 (Surr)	*86*		*29 - 120*	*10/04/24 08:53*	*10/07/24 10:21*	*1*
Nitrobenzene-d5 (Surr)	*77*		*28 - 120*	*10/04/24 08:53*	*10/07/24 10:21*	*1*
2-Fluorophenol (Surr)	*86*		*26 - 120*	*10/04/24 08:53*	*10/07/24 10:21*	*1*
2-Fluorobiphenyl (Surr)	*92*		*36 - 120*	*10/04/24 08:53*	*10/07/24 10:21*	*1*
2,4,6-Tribromophenol (Surr)	*83*		*10 - 120*	*10/04/24 08:53*	*10/07/24 10:21*	*1*

Lab Sample ID: LCS 240-629512/2-A
Matrix: Solid
Analysis Batch: 629724

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 629512

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
1,1'-Biphenyl	1330	1050		ug/Kg		79	54 - 120
bis (2-chloroisopropyl) ether	1330	1030		ug/Kg		77	42 - 120
2,4,5-Trichlorophenol	1330	1100		ug/Kg		83	53 - 120
2,4,6-Trichlorophenol	1330	1140		ug/Kg		85	53 - 120
2,4-Dichlorophenol	1330	1060		ug/Kg		80	55 - 120
2,4-Dimethylphenol	1330	735		ug/Kg		55	39 - 120
2,4-Dinitrophenol	2670	847		ug/Kg		32	10 - 120
2,4-Dinitrotoluene	1330	1250		ug/Kg		94	56 - 120
2,6-Dinitrotoluene	1330	1180		ug/Kg		89	57 - 120
2-Chloronaphthalene	1330	1060		ug/Kg		80	54 - 120
2-Chlorophenol	1330	1090		ug/Kg		82	54 - 120
2-Methylnaphthalene	1330	1040		ug/Kg		78	56 - 120
2-Methylphenol	1330	1080		ug/Kg		81	51 - 120
2-Nitroaniline	1330	1210		ug/Kg		91	53 - 120
2-Nitrophenol	1330	1110		ug/Kg		84	51 - 120
3,3'-Dichlorobenzidine	2670	1460		ug/Kg		55	31 - 120
3-Nitroaniline	1330	926		ug/Kg		69	36 - 120

Method: 8270E - Semivolatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: LCS 240-629512/2-A
Matrix: Solid
Analysis Batch: 629724

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 629512

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
4,6-Dinitro-2-methylphenol	2670	1310		ug/Kg		49	10 - 120
4-Bromophenyl phenyl ether	1330	1140		ug/Kg		85	56 - 120
4-Chloro-3-methylphenol	1330	1100		ug/Kg		83	55 - 120
4-Chloroaniline	1330	565		ug/Kg		42	23 - 120
4-Chlorophenyl phenyl ether	1330	1070		ug/Kg		80	54 - 120
4-Nitroaniline	1330	1080		ug/Kg		81	46 - 120
4-Nitrophenol	2670	2370		ug/Kg		89	41 - 123
Acenaphthene	1330	1040		ug/Kg		78	56 - 120
Acenaphthylene	1330	1030		ug/Kg		78	54 - 120
Acetophenone	1330	1060		ug/Kg		79	53 - 120
Anthracene	1330	1100		ug/Kg		82	59 - 120
Atrazine	2670	2200		ug/Kg		83	56 - 136
Benzaldehyde	2670	1740		ug/Kg		65	50 - 120
Benzo[a]anthracene	1330	1100		ug/Kg		82	59 - 120
Benzo[a]pyrene	1330	1130		ug/Kg		85	54 - 120
Benzo[b]fluoranthene	1330	1100		ug/Kg		82	58 - 120
Benzo[g,h,i]perylene	1330	1150		ug/Kg		86	56 - 120
Benzo[k]fluoranthene	1330	1100		ug/Kg		83	59 - 120
Bis(2-chloroethoxy)methane	1330	1010		ug/Kg		76	53 - 120
Bis(2-chloroethyl)ether	1330	1030		ug/Kg		77	45 - 120
Bis(2-ethylhexyl) phthalate	1330	1110		ug/Kg		83	52 - 120
Butyl benzyl phthalate	1330	1120		ug/Kg		84	54 - 120
Caprolactam	2670	2260		ug/Kg		85	55 - 120
Carbazole	1330	1190		ug/Kg		89	61 - 120
Chrysene	1330	1110		ug/Kg		84	58 - 120
Dibenz(a,h)anthracene	1330	995		ug/Kg		75	54 - 120
Dibenzofuran	1330	1050		ug/Kg		79	54 - 120
Diethyl phthalate	1330	1110		ug/Kg		83	58 - 120
Dimethyl phthalate	1330	1140		ug/Kg		85	58 - 120
Di-n-butyl phthalate	1330	1200		ug/Kg		90	54 - 124
Di-n-octyl phthalate	1330	1000		ug/Kg		75	53 - 120
Fluoranthene	1330	1160		ug/Kg		87	59 - 120
Fluorene	1330	1090		ug/Kg		82	56 - 120
Hexachlorobenzene	1330	1050		ug/Kg		79	51 - 120
Hexachlorobutadiene	1330	994		ug/Kg		75	46 - 120
Hexachlorocyclopentadiene	1330	199	J	ug/Kg		15	12 - 120
Hexachloroethane	1330	1030		ug/Kg		77	49 - 120
Indeno[1,2,3-cd]pyrene	1330	1160		ug/Kg		87	53 - 120
Isophorone	1330	1020		ug/Kg		76	52 - 120
N-Nitrosodi-n-propylamine	1330	1060		ug/Kg		80	52 - 120
N-Nitrosodiphenylamine	1330	1100		ug/Kg		83	58 - 120
Naphthalene	1330	1010		ug/Kg		76	54 - 120
Nitrobenzene	1330	1050		ug/Kg		79	52 - 120
Pentachlorophenol	2670	1960		ug/Kg		74	31 - 120
Phenanthrene	1330	1080		ug/Kg		81	57 - 120
Phenol	1330	1120		ug/Kg		84	48 - 120
Pyrene	1330	1110		ug/Kg		83	59 - 120
3 & 4 Methylphenol	1330	1120		ug/Kg		84	51 - 120

Method: 8270E - Semivolatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: LCS 240-629512/2-A
Matrix: Solid
Analysis Batch: 629724

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 629512

Surrogate	LCS %Recovery	LCS Qualifier	Limits
Terphenyl-d14 (Surr)	*71*		*37 - 120*
Phenol-d5 (Surr)	*78*		*29 - 120*
Nitrobenzene-d5 (Surr)	*72*		*28 - 120*
2-Fluorophenol (Surr)	*76*		*26 - 120*
2-Fluorobiphenyl (Surr)	*74*		*36 - 120*
2,4,6-Tribromophenol (Surr)	*76*		*10 - 120*

Lab Sample ID: MB 240-629517/1-A
Matrix: Solid
Analysis Batch: 629724

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 629517

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1'-Biphenyl	ND		100	28	ug/Kg		10/04/24 09:02	10/07/24 11:10	1
bis (2-chloroisopropyl) ether	ND		100	26	ug/Kg		10/04/24 09:02	10/07/24 11:10	1
2,4,5-Trichlorophenol	ND		150	33	ug/Kg		10/04/24 09:02	10/07/24 11:10	1
2,4,6-Trichlorophenol	ND		150	29	ug/Kg		10/04/24 09:02	10/07/24 11:10	1
2,4-Dichlorophenol	ND		150	27	ug/Kg		10/04/24 09:02	10/07/24 11:10	1
2,4-Dimethylphenol	ND		150	36	ug/Kg		10/04/24 09:02	10/07/24 11:10	1
2,4-Dinitrophenol	ND		330	170	ug/Kg		10/04/24 09:02	10/07/24 11:10	1
2,4-Dinitrotoluene	ND		200	23	ug/Kg		10/04/24 09:02	10/07/24 11:10	1
2,6-Dinitrotoluene	ND		200	36	ug/Kg		10/04/24 09:02	10/07/24 11:10	1
2-Chloronaphthalene	ND		100	28	ug/Kg		10/04/24 09:02	10/07/24 11:10	1
2-Chlorophenol	ND		100	26	ug/Kg		10/04/24 09:02	10/07/24 11:10	1
2-Methylnaphthalene	ND		40	13	ug/Kg		10/04/24 09:02	10/07/24 11:10	1
2-Methylphenol	ND		200	41	ug/Kg		10/04/24 09:02	10/07/24 11:10	1
2-Nitroaniline	ND		200	38	ug/Kg		10/04/24 09:02	10/07/24 11:10	1
2-Nitrophenol	ND		100	35	ug/Kg		10/04/24 09:02	10/07/24 11:10	1
3,3'-Dichlorobenzidine	ND		150	95	ug/Kg		10/04/24 09:02	10/07/24 11:10	1
3-Nitroaniline	ND		200	35	ug/Kg		10/04/24 09:02	10/07/24 11:10	1
4,6-Dinitro-2-methylphenol	ND		330	100	ug/Kg		10/04/24 09:02	10/07/24 11:10	1
4-Bromophenyl phenyl ether	ND		100	32	ug/Kg		10/04/24 09:02	10/07/24 11:10	1
4-Chloro-3-methylphenol	ND		150	38	ug/Kg		10/04/24 09:02	10/07/24 11:10	1
4-Chloroaniline	ND		150	16	ug/Kg		10/04/24 09:02	10/07/24 11:10	1
4-Chlorophenyl phenyl ether	ND		100	28	ug/Kg		10/04/24 09:02	10/07/24 11:10	1
4-Nitroaniline	ND		200	26	ug/Kg		10/04/24 09:02	10/07/24 11:10	1
4-Nitrophenol	ND		330	90	ug/Kg		10/04/24 09:02	10/07/24 11:10	1
Acenaphthene	ND		40	14	ug/Kg		10/04/24 09:02	10/07/24 11:10	1
Acenaphthylene	ND		40	15	ug/Kg		10/04/24 09:02	10/07/24 11:10	1
Acetophenone	ND		100	25	ug/Kg		10/04/24 09:02	10/07/24 11:10	1
Anthracene	ND		40	12	ug/Kg		10/04/24 09:02	10/07/24 11:10	1
Atrazine	ND		330	69	ug/Kg		10/04/24 09:02	10/07/24 11:10	1
Benzaldehyde	ND		330	56	ug/Kg		10/04/24 09:02	10/07/24 11:10	1
Benzo[a]anthracene	ND		40	15	ug/Kg		10/04/24 09:02	10/07/24 11:10	1
Benzo[a]pyrene	ND		40	14	ug/Kg		10/04/24 09:02	10/07/24 11:10	1
Benzo[b]fluoranthene	ND		40	12	ug/Kg		10/04/24 09:02	10/07/24 11:10	1
Benzo[g,h,i]perylene	ND		40	27	ug/Kg		10/04/24 09:02	10/07/24 11:10	1
Benzo[k]fluoranthene	ND		40	10	ug/Kg		10/04/24 09:02	10/07/24 11:10	1
Bis(2-chloroethoxy)methane	ND		100	20	ug/Kg		10/04/24 09:02	10/07/24 11:10	1

Method: 8270E - Semivolatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: MB 240-629517/1-A
Matrix: Solid
Analysis Batch: 629724

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 629517

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Bis(2-chloroethyl)ether	ND		100	22	ug/Kg		10/04/24 09:02	10/07/24 11:10	1
Bis(2-ethylhexyl) phthalate	ND		150	56	ug/Kg		10/04/24 09:02	10/07/24 11:10	1
Butyl benzyl phthalate	ND		150	51	ug/Kg		10/04/24 09:02	10/07/24 11:10	1
Caprolactam	ND		330	69	ug/Kg		10/04/24 09:02	10/07/24 11:10	1
Carbazole	ND		100	27	ug/Kg		10/04/24 09:02	10/07/24 11:10	1
Chrysene	ND		40	14	ug/Kg		10/04/24 09:02	10/07/24 11:10	1
Dibenz(a,h)anthracene	ND		40	15	ug/Kg		10/04/24 09:02	10/07/24 11:10	1
Dibenzofuran	ND		100	29	ug/Kg		10/04/24 09:02	10/07/24 11:10	1
Diethyl phthalate	ND		150	43	ug/Kg		10/04/24 09:02	10/07/24 11:10	1
Dimethyl phthalate	ND		150	40	ug/Kg		10/04/24 09:02	10/07/24 11:10	1
Di-n-butyl phthalate	ND		150	51	ug/Kg		10/04/24 09:02	10/07/24 11:10	1
Di-n-octyl phthalate	ND		150	50	ug/Kg		10/04/24 09:02	10/07/24 11:10	1
Fluoranthene	ND		40	14	ug/Kg		10/04/24 09:02	10/07/24 11:10	1
Fluorene	ND		40	14	ug/Kg		10/04/24 09:02	10/07/24 11:10	1
Hexachlorobenzene	ND		40	14	ug/Kg		10/04/24 09:02	10/07/24 11:10	1
Hexachlorobutadiene	ND		100	21	ug/Kg		10/04/24 09:02	10/07/24 11:10	1
Hexachlorocyclopentadiene	ND		330	39	ug/Kg		10/04/24 09:02	10/07/24 11:10	1
Hexachloroethane	ND		100	32	ug/Kg		10/04/24 09:02	10/07/24 11:10	1
Indeno[1,2,3-cd]pyrene	ND		40	12	ug/Kg		10/04/24 09:02	10/07/24 11:10	1
Isophorone	ND		100	26	ug/Kg		10/04/24 09:02	10/07/24 11:10	1
N-Nitrosodi-n-propylamine	ND		100	37	ug/Kg		10/04/24 09:02	10/07/24 11:10	1
N-Nitrosodiphenylamine	ND		100	27	ug/Kg		10/04/24 09:02	10/07/24 11:10	1
Naphthalene	ND		40	13	ug/Kg		10/04/24 09:02	10/07/24 11:10	1
Nitrobenzene	ND		100	22	ug/Kg		10/04/24 09:02	10/07/24 11:10	1
Pentachlorophenol	ND		270	110	ug/Kg		10/04/24 09:02	10/07/24 11:10	1
Phenanthrene	ND		40	13	ug/Kg		10/04/24 09:02	10/07/24 11:10	1
Phenol	ND		100	38	ug/Kg		10/04/24 09:02	10/07/24 11:10	1
Pyrene	ND		40	16	ug/Kg		10/04/24 09:02	10/07/24 11:10	1
3 & 4 Methylphenol	ND		400	41	ug/Kg		10/04/24 09:02	10/07/24 11:10	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Terphenyl-d14 (Surr)	*89*		*37 - 120*	*10/04/24 09:02*	*10/07/24 11:10*	*1*
Phenol-d5 (Surr)	*82*		*29 - 120*	*10/04/24 09:02*	*10/07/24 11:10*	*1*
Nitrobenzene-d5 (Surr)	*77*		*28 - 120*	*10/04/24 09:02*	*10/07/24 11:10*	*1*
2-Fluorophenol (Surr)	*83*		*26 - 120*	*10/04/24 09:02*	*10/07/24 11:10*	*1*
2-Fluorobiphenyl (Surr)	*87*		*36 - 120*	*10/04/24 09:02*	*10/07/24 11:10*	*1*
2,4,6-Tribromophenol (Surr)	*68*		*10 - 120*	*10/04/24 09:02*	*10/07/24 11:10*	*1*

Lab Sample ID: LCS 240-629517/2-A
Matrix: Solid
Analysis Batch: 629724

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 629517

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
1,1'-Biphenyl	1330	1270		ug/Kg		95	54 - 120
bis (2-chloroisopropyl) ether	1330	1110		ug/Kg		84	42 - 120
2,4,5-Trichlorophenol	1330	1350		ug/Kg		101	53 - 120
2,4,6-Trichlorophenol	1330	1370		ug/Kg		103	53 - 120
2,4-Dichlorophenol	1330	1290		ug/Kg		97	55 - 120

Method: 8270E - Semivolatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: LCS 240-629517/2-A
Matrix: Solid
Analysis Batch: 629724

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 629517

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
2,4-Dimethylphenol	1330	916		ug/Kg		69	39 - 120
2,4-Dinitrophenol	2670	1150		ug/Kg		43	10 - 120
2,4-Dinitrotoluene	1330	1550		ug/Kg		116	56 - 120
2,6-Dinitrotoluene	1330	1480		ug/Kg		111	57 - 120
2-Chloronaphthalene	1330	1280		ug/Kg		96	54 - 120
2-Chlorophenol	1330	1190		ug/Kg		89	54 - 120
2-Methylnaphthalene	1330	1290		ug/Kg		97	56 - 120
2-Methylphenol	1330	1160		ug/Kg		87	51 - 120
2-Nitroaniline	1330	1450		ug/Kg		109	53 - 120
2-Nitrophenol	1330	1310		ug/Kg		99	51 - 120
3,3'-Dichlorobenzidine	2670	1790		ug/Kg		67	31 - 120
3-Nitroaniline	1330	1040		ug/Kg		78	36 - 120
4,6-Dinitro-2-methylphenol	2670	1840		ug/Kg		69	10 - 120
4-Bromophenyl phenyl ether	1330	1390		ug/Kg		104	56 - 120
4-Chloro-3-methylphenol	1330	1340		ug/Kg		101	55 - 120
4-Chloroaniline	1330	670		ug/Kg		50	23 - 120
4-Chlorophenyl phenyl ether	1330	1300		ug/Kg		97	54 - 120
4-Nitroaniline	1330	1380		ug/Kg		104	46 - 120
4-Nitrophenol	2670	2900		ug/Kg		109	41 - 123
Acenaphthene	1330	1260		ug/Kg		95	56 - 120
Acenaphthylene	1330	1230		ug/Kg		92	54 - 120
Acetophenone	1330	1190		ug/Kg		89	53 - 120
Anthracene	1330	1370		ug/Kg		103	59 - 120
Atrazine	2670	2850		ug/Kg		107	56 - 136
Benzaldehyde	2670	1920		ug/Kg		72	50 - 120
Benzo[a]anthracene	1330	1370		ug/Kg		103	59 - 120
Benzo[a]pyrene	1330	1470		ug/Kg		110	54 - 120
Benzo[b]fluoranthene	1330	1470		ug/Kg		110	58 - 120
Benzo[g,h,i]perylene	1330	1490		ug/Kg		112	56 - 120
Benzo[k]fluoranthene	1330	1420		ug/Kg		106	59 - 120
Bis(2-chloroethoxy)methane	1330	1280		ug/Kg		96	53 - 120
Bis(2-chloroethyl)ether	1330	1120		ug/Kg		84	45 - 120
Bis(2-ethylhexyl) phthalate	1330	1440		ug/Kg		108	52 - 120
Butyl benzyl phthalate	1330	1450		ug/Kg		108	54 - 120
Caprolactam	2670	2870		ug/Kg		107	55 - 120
Carbazole	1330	1520		ug/Kg		114	61 - 120
Chrysene	1330	1450		ug/Kg		109	58 - 120
Dibenz(a,h)anthracene	1330	1290		ug/Kg		97	54 - 120
Dibenzofuran	1330	1260		ug/Kg		94	54 - 120
Diethyl phthalate	1330	1360		ug/Kg		102	58 - 120
Dimethyl phthalate	1330	1380		ug/Kg		103	58 - 120
Di-n-butyl phthalate	1330	1520		ug/Kg		114	54 - 124
Di-n-octyl phthalate	1330	1300		ug/Kg		97	53 - 120
Fluoranthene	1330	1430		ug/Kg		108	59 - 120
Fluorene	1330	1330		ug/Kg		99	56 - 120
Hexachlorobenzene	1330	1280		ug/Kg		96	51 - 120
Hexachlorobutadiene	1330	1220		ug/Kg		92	46 - 120
Hexachlorocyclopentadiene	1330	207	J	ug/Kg		16	12 - 120
Hexachloroethane	1330	1120		ug/Kg		84	49 - 120

Method: 8270E - Semivolatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: LCS 240-629517/2-A
Matrix: Solid
Analysis Batch: 629724

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 629517

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Indeno[1,2,3-cd]pyrene	1330	1530		ug/Kg		115	53 - 120
Isophorone	1330	1250		ug/Kg		94	52 - 120
N-Nitrosodi-n-propylamine	1330	1110		ug/Kg		84	52 - 120
N-Nitrosodiphenylamine	1330	1360		ug/Kg		102	58 - 120
Naphthalene	1330	1190		ug/Kg		89	54 - 120
Nitrobenzene	1330	1270		ug/Kg		95	52 - 120
Pentachlorophenol	2670	2270		ug/Kg		85	31 - 120
Phenanthrene	1330	1350		ug/Kg		101	57 - 120
Phenol	1330	1220		ug/Kg		92	48 - 120
Pyrene	1330	1400		ug/Kg		105	59 - 120
3 & 4 Methylphenol	1330	1230		ug/Kg		92	51 - 120

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
Terphenyl-d14 (Surr)	*90*		*37 - 120*
Phenol-d5 (Surr)	*84*		*29 - 120*
Nitrobenzene-d5 (Surr)	*90*		*28 - 120*
2-Fluorophenol (Surr)	*88*		*26 - 120*
2-Fluorobiphenyl (Surr)	*89*		*36 - 120*
2,4,6-Tribromophenol (Surr)	*98*		*10 - 120*

Method: 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Lab Sample ID: MB 240-629515/1-A
Matrix: Solid
Analysis Batch: 629518

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 629515

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aroclor-1016	ND		50	25	ug/Kg		10/04/24 08:58	10/04/24 20:12	1
Aroclor-1221	ND		50	30	ug/Kg		10/04/24 08:58	10/04/24 20:12	1
Aroclor-1232	ND		50	21	ug/Kg		10/04/24 08:58	10/04/24 20:12	1
Aroclor-1242	ND		50	19	ug/Kg		10/04/24 08:58	10/04/24 20:12	1
Aroclor-1248	ND		50	17	ug/Kg		10/04/24 08:58	10/04/24 20:12	1
Aroclor-1254	ND		50	21	ug/Kg		10/04/24 08:58	10/04/24 20:12	1
Aroclor-1260	ND		50	21	ug/Kg		10/04/24 08:58	10/04/24 20:12	1
Aroclor-1262	ND		50	22	ug/Kg		10/04/24 08:58	10/04/24 20:12	1
Aroclor-1268	ND		50	16	ug/Kg		10/04/24 08:58	10/04/24 20:12	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Tetrachloro-m-xylene	*80*		*10 - 149*	*10/04/24 08:58*	*10/04/24 20:12*	*1*
DCB Decachlorobiphenyl	*83*		*10 - 174*	*10/04/24 08:58*	*10/04/24 20:12*	*1*

Lab Sample ID: LCS 240-629515/2-A
Matrix: Solid
Analysis Batch: 629518

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 629515

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Aroclor-1016	1000	663		ug/Kg		66	28 - 140
Aroclor-1260	1000	709		ug/Kg		71	39 - 153

Method: 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography (Continued)

Lab Sample ID: LCS 240-629515/2-A
Matrix: Solid
Analysis Batch: 629518

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 629515

Surrogate	LCS %Recovery	LCS Qualifier	Limits
Tetrachloro-m-xylene	66		10 - 149
DCB Decachlorobiphenyl	84		10 - 174

Lab Sample ID: MB 240-629533/1-A
Matrix: Solid
Analysis Batch: 629606

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 629533

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aroclor-1016	ND		50	25	ug/Kg		10/04/24 09:47	10/04/24 20:00	1
Aroclor-1221	ND		50	30	ug/Kg		10/04/24 09:47	10/04/24 20:00	1
Aroclor-1232	ND		50	21	ug/Kg		10/04/24 09:47	10/04/24 20:00	1
Aroclor-1242	ND		50	19	ug/Kg		10/04/24 09:47	10/04/24 20:00	1
Aroclor-1248	ND		50	17	ug/Kg		10/04/24 09:47	10/04/24 20:00	1
Aroclor-1254	ND		50	21	ug/Kg		10/04/24 09:47	10/04/24 20:00	1
Aroclor-1260	ND		50	21	ug/Kg		10/04/24 09:47	10/04/24 20:00	1
Aroclor-1262	ND		50	22	ug/Kg		10/04/24 09:47	10/04/24 20:00	1
Aroclor-1268	ND		50	16	ug/Kg		10/04/24 09:47	10/04/24 20:00	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
Tetrachloro-m-xylene	70		10 - 149	10/04/24 09:47	10/04/24 20:00	1
DCB Decachlorobiphenyl	53		10 - 174	10/04/24 09:47	10/04/24 20:00	1

Lab Sample ID: LCS 240-629533/2-A
Matrix: Solid
Analysis Batch: 629606

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 629533

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Aroclor-1016	1000	680		ug/Kg		68	28 - 140
Aroclor-1260	1000	710		ug/Kg		71	39 - 153

Surrogate	LCS %Recovery	LCS Qualifier	Limits
Tetrachloro-m-xylene	66		10 - 149
DCB Decachlorobiphenyl	60		10 - 174

Method: 6010D - Metals (ICP)

Lab Sample ID: MB 240-629588/1-A
Matrix: Solid
Analysis Batch: 629651

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 629588

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	ND		1.5	0.32	mg/Kg		10/04/24 15:00	10/06/24 00:16	1
Barium	ND		20	0.13	mg/Kg		10/04/24 15:00	10/06/24 00:16	1
Cadmium	ND		0.50	0.048	mg/Kg		10/04/24 15:00	10/06/24 00:16	1
Chromium	ND		1.0	0.34	mg/Kg		10/04/24 15:00	10/06/24 00:16	1
Copper	ND		2.5	0.70	mg/Kg		10/04/24 15:00	10/06/24 00:16	1
Lead	ND		1.0	0.28	mg/Kg		10/04/24 15:00	10/06/24 00:16	1
Selenium	ND		2.0	0.47	mg/Kg		10/04/24 15:00	10/06/24 00:16	1

Method: 6010D - Metals (ICP) (Continued)

Lab Sample ID: MB 240-629588/1-A
Matrix: Solid
Analysis Batch: 629651

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 629588

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Silver	ND		1.0	0.081	mg/Kg		10/04/24 15:00	10/06/24 00:16	1
Zinc	ND		5.0	3.6	mg/Kg		10/04/24 15:00	10/06/24 00:16	1

Lab Sample ID: LCS 240-629588/2-A
Matrix: Solid
Analysis Batch: 629651

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 629588

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
Arsenic			200	195		mg/Kg		97	80 - 120		
Barium			200	198		mg/Kg		99	80 - 120		
Cadmium			100	93.9		mg/Kg		94	80 - 120		
Chromium			100	97.3		mg/Kg		97	80 - 120		
Copper			100	103		mg/Kg		103	80 - 120		
Lead			100	92.8		mg/Kg		93	80 - 120		
Selenium			200	194		mg/Kg		97	80 - 120		
Silver			10.0	9.72		mg/Kg		97	80 - 120		
Zinc			100	94.7		mg/Kg		95	80 - 120		

Lab Sample ID: 240-212351-1 MS
Matrix: Solid
Analysis Batch: 629651

Client Sample ID: TO-E-0.0
Prep Type: Total/NA
Prep Batch: 629588

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits		
Arsenic	16		275	261		mg/Kg	☼	89	75 - 125		
Barium	85		275	337		mg/Kg	☼	92	75 - 125		
Cadmium	0.41	J	137	118		mg/Kg	☼	86	75 - 125		
Chromium	24		137	142		mg/Kg	☼	86	75 - 125		
Copper	30		137	163		mg/Kg	☼	96	75 - 125		
Lead	39		137	149		mg/Kg	☼	80	75 - 125		
Selenium	0.83	J	275	244		mg/Kg	☼	88	75 - 125		
Silver	ND		13.7	12.4		mg/Kg	☼	90	75 - 125		
Zinc	140		137	272		mg/Kg	☼	99	75 - 125		

Lab Sample ID: 240-212351-1 MSD
Matrix: Solid
Analysis Batch: 629651

Client Sample ID: TO-E-0.0
Prep Type: Total/NA
Prep Batch: 629588

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Arsenic	16		275	261		mg/Kg	☼	89	75 - 125	0	20
Barium	85		275	334		mg/Kg	☼	91	75 - 125	1	20
Cadmium	0.41	J	137	119		mg/Kg	☼	87	75 - 125	1	20
Chromium	24		137	144		mg/Kg	☼	87	75 - 125	1	20
Copper	30		137	165		mg/Kg	☼	98	75 - 125	1	20
Lead	39		137	149		mg/Kg	☼	80	75 - 125	1	20
Selenium	0.83	J	275	243		mg/Kg	☼	88	75 - 125	0	20
Silver	ND		13.7	12.6		mg/Kg	☼	92	75 - 125	1	20
Zinc	140		137	270		mg/Kg	☼	98	75 - 125	1	20

Method: 7471B - Mercury (CVAA)

Lab Sample ID: MB 240-629594/1-A
Matrix: Solid
Analysis Batch: 629794

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 629594

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	ND		0.10	0.018	mg/Kg		10/04/24 15:00	10/07/24 11:40	1

Lab Sample ID: LCS 240-629594/2-A
Matrix: Solid
Analysis Batch: 629794

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 629594

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Mercury	0.833	0.874		mg/Kg		105	80 - 120

Method: 9012B - Cyanide, Total andor Amenable

Lab Sample ID: MB 240-629719/1-A
Matrix: Solid
Analysis Batch: 629821

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 629719

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cyanide, Total	ND		0.52	0.41	mg/Kg		10/07/24 08:58	10/07/24 13:49	1

Lab Sample ID: LCS 240-629719/2-A
Matrix: Solid
Analysis Batch: 629821

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 629719

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Cyanide, Total	8.18	8.29		mg/Kg		101	65 - 128

Lab Sample ID: 240-212351-5 MS
Matrix: Solid
Analysis Batch: 629821

Client Sample ID: T125-E-0.0
Prep Type: Total/NA
Prep Batch: 629719

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Cyanide, Total	240		1.46	313	4	mg/Kg	☼	5126	24 - 140

Lab Sample ID: 240-212351-5 MSD
Matrix: Solid
Analysis Batch: 629821

Client Sample ID: T125-E-0.0
Prep Type: Total/NA
Prep Batch: 629719

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Cyanide, Total	240		1.53	266	4	mg/Kg	☼	1833	24 - 140	16	40

Lab Sample ID: MB 240-630111/1-A
Matrix: Solid
Analysis Batch: 630149

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 630111

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cyanide, Total	ND		0.52	0.41	mg/Kg		10/09/24 13:22	10/09/24 15:48	1

Method: 9012B - Cyanide, Total andor Amenable (Continued)

Lab Sample ID: LCS 240-630111/2-A
Matrix: Solid
Analysis Batch: 630149

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 630111

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Cyanide, Total	8.53	8.71		mg/Kg		102	65 - 128

Lab Sample ID: MRL 240-630149/10
Matrix: Solid
Analysis Batch: 630149

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	MRL Result	MRL Qualifier	Unit	D	%Rec	%Rec Limits
Cyanide, Total	0.0100	0.0105		mg/L		105	70 - 130

Method: Moisture - Percent Moisture

Lab Sample ID: 240-212351-4 DU
Matrix: Solid
Analysis Batch: 629429

Client Sample ID: TO-W-0.0
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	DU Result	DU Qualifier	Unit	D	RPD	RPD Limit
Percent Solids	77.9		88.5		%		13	20
Percent Moisture	22.1		11.5	F3	%		63	20

GC/MS VOA

Analysis Batch: 629507

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
240-212351-1	TO-E-0.0	Total/NA	Solid	8260D	629568
240-212351-2	TO-E-2.0	Total/NA	Solid	8260D	629568
240-212351-3	TO-C-0.0	Total/NA	Solid	8260D	629568
240-212351-4	TO-W-0.0	Total/NA	Solid	8260D	629568
240-212351-5	T125-E-0.0	Total/NA	Solid	8260D	629568
240-212351-6	T125-W-0.0	Total/NA	Solid	8260D	629568
240-212351-7	TO-W-2.0	Total/NA	Solid	8260D	629568
MB 240-629507/7	Method Blank	Total/NA	Solid	8260D	
LCS 240-629507/5	Lab Control Sample	Total/NA	Solid	8260D	

Prep Batch: 629568

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
240-212351-1	TO-E-0.0	Total/NA	Solid	5030C	
240-212351-2	TO-E-2.0	Total/NA	Solid	5030C	
240-212351-3	TO-C-0.0	Total/NA	Solid	5030C	
240-212351-4	TO-W-0.0	Total/NA	Solid	5030C	
240-212351-5	T125-E-0.0	Total/NA	Solid	5030C	
240-212351-6	T125-W-0.0	Total/NA	Solid	5030C	
240-212351-7	TO-W-2.0	Total/NA	Solid	5030C	

Analysis Batch: 629629

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
240-212351-8	TB-1-20241003	Total/NA	Water	8260D	
MB 240-629629/8	Method Blank	Total/NA	Water	8260D	
LCS 240-629629/5	Lab Control Sample	Total/NA	Water	8260D	

GC/MS Semi VOA

Prep Batch: 629512

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
240-212351-3	TO-C-0.0	Total/NA	Solid	3546	
240-212351-4	TO-W-0.0	Total/NA	Solid	3546	
240-212351-5	T125-E-0.0	Total/NA	Solid	3546	
240-212351-6	T125-W-0.0	Total/NA	Solid	3546	
240-212351-7	TO-W-2.0	Total/NA	Solid	3546	
MB 240-629512/1-A	Method Blank	Total/NA	Solid	3546	
LCS 240-629512/2-A	Lab Control Sample	Total/NA	Solid	3546	

Prep Batch: 629517

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
240-212351-1	TO-E-0.0	Total/NA	Solid	3546	
240-212351-2	TO-E-2.0	Total/NA	Solid	3546	
MB 240-629517/1-A	Method Blank	Total/NA	Solid	3546	
LCS 240-629517/2-A	Lab Control Sample	Total/NA	Solid	3546	

Analysis Batch: 629724

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
240-212351-2	TO-E-2.0	Total/NA	Solid	8270E	629517
240-212351-3	TO-C-0.0	Total/NA	Solid	8270E	629512
240-212351-4	TO-W-0.0	Total/NA	Solid	8270E	629512
240-212351-5	T125-E-0.0	Total/NA	Solid	8270E	629512

GC/MS Semi VOA (Continued)

Analysis Batch: 629724 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
240-212351-6	T125-W-0.0	Total/NA	Solid	8270E	629512
240-212351-7	TO-W-2.0	Total/NA	Solid	8270E	629512
MB 240-629512/1-A	Method Blank	Total/NA	Solid	8270E	629512
MB 240-629517/1-A	Method Blank	Total/NA	Solid	8270E	629517
LCS 240-629512/2-A	Lab Control Sample	Total/NA	Solid	8270E	629512
LCS 240-629517/2-A	Lab Control Sample	Total/NA	Solid	8270E	629517

Analysis Batch: 629877

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
240-212351-1	TO-E-0.0	Total/NA	Solid	8270E	629517

GC Semi VOA

Prep Batch: 629515

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
240-212351-3	TO-C-0.0	Total/NA	Solid	3546	
240-212351-4	TO-W-0.0	Total/NA	Solid	3546	
240-212351-5	T125-E-0.0	Total/NA	Solid	3546	
240-212351-6	T125-W-0.0	Total/NA	Solid	3546	
240-212351-7	TO-W-2.0	Total/NA	Solid	3546	
MB 240-629515/1-A	Method Blank	Total/NA	Solid	3546	
LCS 240-629515/2-A	Lab Control Sample	Total/NA	Solid	3546	

Analysis Batch: 629518

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
240-212351-5	T125-E-0.0	Total/NA	Solid	8082A	629515
240-212351-6	T125-W-0.0	Total/NA	Solid	8082A	629515
240-212351-7	TO-W-2.0	Total/NA	Solid	8082A	629515
MB 240-629515/1-A	Method Blank	Total/NA	Solid	8082A	629515
LCS 240-629515/2-A	Lab Control Sample	Total/NA	Solid	8082A	629515

Prep Batch: 629533

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
240-212351-1	TO-E-0.0	Total/NA	Solid	3546	
240-212351-2	TO-E-2.0	Total/NA	Solid	3546	
MB 240-629533/1-A	Method Blank	Total/NA	Solid	3546	
LCS 240-629533/2-A	Lab Control Sample	Total/NA	Solid	3546	

Analysis Batch: 629606

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
240-212351-1	TO-E-0.0	Total/NA	Solid	8082A	629533
240-212351-2	TO-E-2.0	Total/NA	Solid	8082A	629533
MB 240-629533/1-A	Method Blank	Total/NA	Solid	8082A	629533
LCS 240-629533/2-A	Lab Control Sample	Total/NA	Solid	8082A	629533

Analysis Batch: 629698

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
240-212351-3	TO-C-0.0	Total/NA	Solid	8082A	629515
240-212351-4	TO-W-0.0	Total/NA	Solid	8082A	629515

Metals

Prep Batch: 629588

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
240-212351-1	TO-E-0.0	Total/NA	Solid	3050B	
240-212351-2	TO-E-2.0	Total/NA	Solid	3050B	
240-212351-3	TO-C-0.0	Total/NA	Solid	3050B	
240-212351-4	TO-W-0.0	Total/NA	Solid	3050B	
240-212351-5	T125-E-0.0	Total/NA	Solid	3050B	
240-212351-6	T125-W-0.0	Total/NA	Solid	3050B	
240-212351-7	TO-W-2.0	Total/NA	Solid	3050B	
MB 240-629588/1-A	Method Blank	Total/NA	Solid	3050B	
LCS 240-629588/2-A	Lab Control Sample	Total/NA	Solid	3050B	
240-212351-1 MS	TO-E-0.0	Total/NA	Solid	3050B	
240-212351-1 MSD	TO-E-0.0	Total/NA	Solid	3050B	

Prep Batch: 629594

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
240-212351-1	TO-E-0.0	Total/NA	Solid	7471B	
240-212351-2	TO-E-2.0	Total/NA	Solid	7471B	
240-212351-3	TO-C-0.0	Total/NA	Solid	7471B	
240-212351-4	TO-W-0.0	Total/NA	Solid	7471B	
240-212351-5	T125-E-0.0	Total/NA	Solid	7471B	
240-212351-6	T125-W-0.0	Total/NA	Solid	7471B	
240-212351-7	TO-W-2.0	Total/NA	Solid	7471B	
MB 240-629594/1-A	Method Blank	Total/NA	Solid	7471B	
LCS 240-629594/2-A	Lab Control Sample	Total/NA	Solid	7471B	

Analysis Batch: 629651

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
240-212351-1	TO-E-0.0	Total/NA	Solid	6010D	629588
240-212351-2	TO-E-2.0	Total/NA	Solid	6010D	629588
240-212351-3	TO-C-0.0	Total/NA	Solid	6010D	629588
240-212351-4	TO-W-0.0	Total/NA	Solid	6010D	629588
240-212351-5	T125-E-0.0	Total/NA	Solid	6010D	629588
240-212351-6	T125-W-0.0	Total/NA	Solid	6010D	629588
240-212351-7	TO-W-2.0	Total/NA	Solid	6010D	629588
MB 240-629588/1-A	Method Blank	Total/NA	Solid	6010D	629588
LCS 240-629588/2-A	Lab Control Sample	Total/NA	Solid	6010D	629588
240-212351-1 MS	TO-E-0.0	Total/NA	Solid	6010D	629588
240-212351-1 MSD	TO-E-0.0	Total/NA	Solid	6010D	629588

Analysis Batch: 629669

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
240-212351-5	T125-E-0.0	Total/NA	Solid	6010D	629588
240-212351-6	T125-W-0.0	Total/NA	Solid	6010D	629588

Analysis Batch: 629794

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
240-212351-1	TO-E-0.0	Total/NA	Solid	7471B	629594
240-212351-2	TO-E-2.0	Total/NA	Solid	7471B	629594
240-212351-3	TO-C-0.0	Total/NA	Solid	7471B	629594
240-212351-4	TO-W-0.0	Total/NA	Solid	7471B	629594
240-212351-5	T125-E-0.0	Total/NA	Solid	7471B	629594
240-212351-6	T125-W-0.0	Total/NA	Solid	7471B	629594

Metals (Continued)

Analysis Batch: 629794 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
240-212351-7	TO-W-2.0	Total/NA	Solid	7471B	629594
MB 240-629594/1-A	Method Blank	Total/NA	Solid	7471B	629594
LCS 240-629594/2-A	Lab Control Sample	Total/NA	Solid	7471B	629594

General Chemistry

Analysis Batch: 629429

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
240-212351-1	TO-E-0.0	Total/NA	Solid	Moisture	
240-212351-2	TO-E-2.0	Total/NA	Solid	Moisture	
240-212351-3	TO-C-0.0	Total/NA	Solid	Moisture	
240-212351-4	TO-W-0.0	Total/NA	Solid	Moisture	
240-212351-5	T125-E-0.0	Total/NA	Solid	Moisture	
240-212351-6	T125-W-0.0	Total/NA	Solid	Moisture	
240-212351-7	TO-W-2.0	Total/NA	Solid	Moisture	
240-212351-4 DU	TO-W-0.0	Total/NA	Solid	Moisture	

Prep Batch: 629525

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
240-212351-1	TO-E-0.0	Total/NA	Solid	9012B	
240-212351-2	TO-E-2.0	Total/NA	Solid	9012B	
240-212351-3	TO-C-0.0	Total/NA	Solid	9012B	
240-212351-4	TO-W-0.0	Total/NA	Solid	9012B	

Analysis Batch: 629607

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
240-212351-1	TO-E-0.0	Total/NA	Solid	9012B	629525
240-212351-2	TO-E-2.0	Total/NA	Solid	9012B	629525
240-212351-3	TO-C-0.0	Total/NA	Solid	9012B	629525
240-212351-4	TO-W-0.0	Total/NA	Solid	9012B	629525

Prep Batch: 629719

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
240-212351-5	T125-E-0.0	Total/NA	Solid	9012B	
240-212351-6	T125-W-0.0	Total/NA	Solid	9012B	
MB 240-629719/1-A	Method Blank	Total/NA	Solid	9012B	
LCS 240-629719/2-A	Lab Control Sample	Total/NA	Solid	9012B	
240-212351-5 MS	T125-E-0.0	Total/NA	Solid	9012B	
240-212351-5 MSD	T125-E-0.0	Total/NA	Solid	9012B	

Analysis Batch: 629821

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
240-212351-5	T125-E-0.0	Total/NA	Solid	9012B	629719
240-212351-6	T125-W-0.0	Total/NA	Solid	9012B	629719
MB 240-629719/1-A	Method Blank	Total/NA	Solid	9012B	629719
LCS 240-629719/2-A	Lab Control Sample	Total/NA	Solid	9012B	629719
240-212351-5 MS	T125-E-0.0	Total/NA	Solid	9012B	629719
240-212351-5 MSD	T125-E-0.0	Total/NA	Solid	9012B	629719

QC Association Summary

Client: August Mack Environmental, Inc.
Project/Site: MSC Canfield - Soil

Job ID: 240-212351-1

General Chemistry

Prep Batch: 630111

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
240-212351-7	TO-W-2.0	Total/NA	Solid	9012B	
MB 240-630111/1-A	Method Blank	Total/NA	Solid	9012B	
LCS 240-630111/2-A	Lab Control Sample	Total/NA	Solid	9012B	

Analysis Batch: 630149

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
240-212351-7	TO-W-2.0	Total/NA	Solid	9012B	630111
MB 240-630111/1-A	Method Blank	Total/NA	Solid	9012B	630111
LCS 240-630111/2-A	Lab Control Sample	Total/NA	Solid	9012B	630111
MRL 240-630149/10	Lab Control Sample	Total/NA	Solid	9012B	

Client Sample ID: TO-E-0.0

Lab Sample ID: 240-212351-1

Date Collected: 10/02/24 14:18

Matrix: Solid

Date Received: 10/03/24 12:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	Moisture		1	629429	GZF4	EET CLE	10/03/24 19:07

Client Sample ID: TO-E-0.0

Lab Sample ID: 240-212351-1

Date Collected: 10/02/24 14:18

Matrix: Solid

Date Received: 10/03/24 12:00

Percent Solids: 69.3

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5030C			629568	TJL2	EET CLE	10/04/24 11:04
Total/NA	Analysis	8260D		1	629507	TJL2	EET CLE	10/04/24 15:58
Total/NA	Prep	3546			629517	NPR	EET CLE	10/04/24 09:02
Total/NA	Analysis	8270E		1	629877	JMG	EET CLE	10/08/24 11:06
Total/NA	Prep	3546			629533	NPR	EET CLE	10/04/24 09:47
Total/NA	Analysis	8082A		1	629606	MBB	EET CLE	10/04/24 21:50
Total/NA	Prep	3050B			629588	DEE	EET CLE	10/04/24 15:00
Total/NA	Analysis	6010D		1	629651	KLC	EET CLE	10/06/24 00:25
Total/NA	Prep	7471B			629594	DEE	EET CLE	10/04/24 15:00
Total/NA	Analysis	7471B		1	629794	TQ6W	EET CLE	10/07/24 12:00
Total/NA	Prep	9012B			629525	C5SV	EET CLE	10/04/24 09:22
Total/NA	Analysis	9012B		1	629607	C5SV	EET CLE	10/04/24 12:36

Client Sample ID: TO-E-2.0

Lab Sample ID: 240-212351-2

Date Collected: 10/02/24 15:00

Matrix: Solid

Date Received: 10/03/24 12:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	Moisture		1	629429	GZF4	EET CLE	10/03/24 19:07

Client Sample ID: TO-E-2.0

Lab Sample ID: 240-212351-2

Date Collected: 10/02/24 15:00

Matrix: Solid

Date Received: 10/03/24 12:00

Percent Solids: 82.6

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5030C			629568	TJL2	EET CLE	10/04/24 11:04
Total/NA	Analysis	8260D		1	629507	TJL2	EET CLE	10/04/24 16:18
Total/NA	Prep	3546			629517	NPR	EET CLE	10/04/24 09:02
Total/NA	Analysis	8270E		1	629724	JMG	EET CLE	10/07/24 12:24
Total/NA	Prep	3546			629533	NPR	EET CLE	10/04/24 09:47
Total/NA	Analysis	8082A		1	629606	MBB	EET CLE	10/04/24 22:06
Total/NA	Prep	3050B			629588	DEE	EET CLE	10/04/24 15:00
Total/NA	Analysis	6010D		1	629651	KLC	EET CLE	10/06/24 00:55
Total/NA	Prep	7471B			629594	DEE	EET CLE	10/04/24 15:00
Total/NA	Analysis	7471B		1	629794	TQ6W	EET CLE	10/07/24 12:02
Total/NA	Prep	9012B			629525	C5SV	EET CLE	10/04/24 09:22
Total/NA	Analysis	9012B		1	629607	C5SV	EET CLE	10/04/24 12:41

Client Sample ID: TO-C-0.0 — **Lab Sample ID: 240-212351-3**
Date Collected: 10/02/24 15:35 — **Matrix: Solid**
Date Received: 10/03/24 12:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	Moisture		1	629429	GZF4	EET CLE	10/03/24 19:07

Client Sample ID: TO-C-0.0 — **Lab Sample ID: 240-212351-3**
Date Collected: 10/02/24 15:35 — **Matrix: Solid**
Date Received: 10/03/24 12:00 — **Percent Solids: 73.6**

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5030C			629568	TJL2	EET CLE	10/04/24 11:04
Total/NA	Analysis	8260D		1	629507	TJL2	EET CLE	10/04/24 16:37
Total/NA	Prep	3546			629512	BV1	EET CLE	10/04/24 08:53
Total/NA	Analysis	8270E		1	629724	JMG	EET CLE	10/07/24 12:49
Total/NA	Prep	3546			629515	BV1	EET CLE	10/04/24 08:58
Total/NA	Analysis	8082A		1	629698	MBB	EET CLE	10/07/24 14:26
Total/NA	Prep	3050B			629588	DEE	EET CLE	10/04/24 15:00
Total/NA	Analysis	6010D		1	629651	KLC	EET CLE	10/06/24 01:00
Total/NA	Prep	7471B			629594	DEE	EET CLE	10/04/24 15:00
Total/NA	Analysis	7471B		1	629794	TQ6W	EET CLE	10/07/24 12:04
Total/NA	Prep	9012B			629525	C5SV	EET CLE	10/04/24 09:22
Total/NA	Analysis	9012B		1	629607	C5SV	EET CLE	10/04/24 12:43

Client Sample ID: TO-W-0.0 — **Lab Sample ID: 240-212351-4**
Date Collected: 10/02/24 15:45 — **Matrix: Solid**
Date Received: 10/03/24 12:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	Moisture		1	629429	GZF4	EET CLE	10/03/24 19:07

Client Sample ID: TO-W-0.0 — **Lab Sample ID: 240-212351-4**
Date Collected: 10/02/24 15:45 — **Matrix: Solid**
Date Received: 10/03/24 12:00 — **Percent Solids: 77.9**

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5030C			629568	TJL2	EET CLE	10/04/24 11:04
Total/NA	Analysis	8260D		1	629507	TJL2	EET CLE	10/04/24 16:57
Total/NA	Prep	3546			629512	BV1	EET CLE	10/04/24 08:53
Total/NA	Analysis	8270E		1	629724	JMG	EET CLE	10/07/24 13:14
Total/NA	Prep	3546			629515	BV1	EET CLE	10/04/24 08:58
Total/NA	Analysis	8082A		1	629698	MBB	EET CLE	10/07/24 14:39
Total/NA	Prep	3050B			629588	DEE	EET CLE	10/04/24 15:00
Total/NA	Analysis	6010D		1	629651	KLC	EET CLE	10/06/24 01:04
Total/NA	Prep	7471B			629594	DEE	EET CLE	10/04/24 15:00
Total/NA	Analysis	7471B		1	629794	TQ6W	EET CLE	10/07/24 12:05
Total/NA	Prep	9012B			629525	C5SV	EET CLE	10/04/24 09:22
Total/NA	Analysis	9012B		1	629607	C5SV	EET CLE	10/04/24 12:45

Client Sample ID: T125-E-0.0 — **Lab Sample ID: 240-212351-5**
Date Collected: 10/02/24 16:03 — **Matrix: Solid**
Date Received: 10/03/24 12:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	Moisture		1	629429	GZF4	EET CLE	10/03/24 19:07

Client Sample ID: T125-E-0.0 — **Lab Sample ID: 240-212351-5**
Date Collected: 10/02/24 16:03 — **Matrix: Solid**
Date Received: 10/03/24 12:00 — **Percent Solids: 71.2**

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5030C			629568	TJL2	EET CLE	10/04/24 11:04
Total/NA	Analysis	8260D		1	629507	TJL2	EET CLE	10/04/24 17:17
Total/NA	Prep	3546			629512	BV1	EET CLE	10/04/24 08:53
Total/NA	Analysis	8270E		1	629724	JMG	EET CLE	10/07/24 13:38
Total/NA	Prep	3546			629515	BV1	EET CLE	10/04/24 08:58
Total/NA	Analysis	8082A		1	629518	XFP	EET CLE	10/04/24 16:44
Total/NA	Prep	3050B			629588	DEE	EET CLE	10/04/24 15:00
Total/NA	Analysis	6010D		1	629651	KLC	EET CLE	10/06/24 01:09
Total/NA	Prep	3050B			629588	DEE	EET CLE	10/04/24 15:00
Total/NA	Analysis	6010D		5	629669	KLC	EET CLE	10/06/24 16:05
Total/NA	Prep	7471B			629594	DEE	EET CLE	10/04/24 15:00
Total/NA	Analysis	7471B		1	629794	TQ6W	EET CLE	10/07/24 12:07
Total/NA	Prep	9012B			629719	C5SV	EET CLE	10/07/24 08:58
Total/NA	Analysis	9012B		25	629821	C5SV	EET CLE	10/07/24 14:56

Client Sample ID: T125-W-0.0 — **Lab Sample ID: 240-212351-6**
Date Collected: 10/02/24 16:10 — **Matrix: Solid**
Date Received: 10/03/24 12:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	Moisture		1	629429	GZF4	EET CLE	10/03/24 19:07

Client Sample ID: T125-W-0.0 — **Lab Sample ID: 240-212351-6**
Date Collected: 10/02/24 16:10 — **Matrix: Solid**
Date Received: 10/03/24 12:00 — **Percent Solids: 69.3**

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5030C			629568	TJL2	EET CLE	10/04/24 11:04
Total/NA	Analysis	8260D		1	629507	TJL2	EET CLE	10/04/24 17:36
Total/NA	Prep	3546			629512	BV1	EET CLE	10/04/24 08:53
Total/NA	Analysis	8270E		1	629724	JMG	EET CLE	10/07/24 14:03
Total/NA	Prep	3546			629515	BV1	EET CLE	10/04/24 08:58
Total/NA	Analysis	8082A		1	629518	XFP	EET CLE	10/04/24 16:58
Total/NA	Prep	3050B			629588	DEE	EET CLE	10/04/24 15:00
Total/NA	Analysis	6010D		1	629651	KLC	EET CLE	10/06/24 01:13
Total/NA	Prep	3050B			629588	DEE	EET CLE	10/04/24 15:00
Total/NA	Analysis	6010D		10	629669	KLC	EET CLE	10/06/24 16:09

Lab Chronicle

Client: August Mack Environmental, Inc.
Project/Site: MSC Canfield - Soil

Job ID: 240-212351-1

Client Sample ID: T125-W-0.0

Lab Sample ID: 240-212351-6

Date Collected: 10/02/24 16:10
Matrix: Solid
Date Received: 10/03/24 12:00
Percent Solids: 69.3

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	7471B			629594	DEE	EET CLE	10/04/24 15:00
Total/NA	Analysis	7471B		1	629794	TQ6W	EET CLE	10/07/24 12:09
Total/NA	Prep	9012B			629719	C5SV	EET CLE	10/07/24 08:58
Total/NA	Analysis	9012B		25	629821	C5SV	EET CLE	10/07/24 15:09

Client Sample ID: TO-W-2.0

Lab Sample ID: 240-212351-7

Date Collected: 10/02/24 16:30
Matrix: Solid
Date Received: 10/03/24 12:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	Moisture		1	629429	GZF4	EET CLE	10/03/24 19:07

Client Sample ID: TO-W-2.0

Lab Sample ID: 240-212351-7

Date Collected: 10/02/24 16:30
Matrix: Solid
Date Received: 10/03/24 12:00
Percent Solids: 83.2

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5030C			629568	TJL2	EET CLE	10/04/24 11:04
Total/NA	Analysis	8260D		1	629507	TJL2	EET CLE	10/04/24 17:56
Total/NA	Prep	3546			629512	BV1	EET CLE	10/04/24 08:53
Total/NA	Analysis	8270E		25	629724	JMG	EET CLE	10/07/24 21:25
Total/NA	Prep	3546			629515	BV1	EET CLE	10/04/24 08:58
Total/NA	Analysis	8082A		1	629518	XFP	EET CLE	10/04/24 17:12
Total/NA	Prep	3050B			629588	DEE	EET CLE	10/04/24 15:00
Total/NA	Analysis	6010D		1	629651	KLC	EET CLE	10/06/24 01:18
Total/NA	Prep	7471B			629594	DEE	EET CLE	10/04/24 15:00
Total/NA	Analysis	7471B		1	629794	TQ6W	EET CLE	10/07/24 12:11
Total/NA	Prep	9012B			630111	BLW	EET CLE	10/09/24 14:42
Total/NA	Analysis	9012B		50	630149	BLW	EET CLE	10/09/24 16:47

Client Sample ID: TB-1-20241003

Lab Sample ID: 240-212351-8

Date Collected: 10/02/24 00:00
Matrix: Water
Date Received: 10/03/24 12:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260D		1	629629	SAM	EET CLE	10/05/24 13:13

Laboratory References:

EET CLE = Eurofins Cleveland, 180 S. Van Buren Avenue, Barberton, OH 44203, TEL (330)497-9396

Accreditation/Certification Summary

Client: August Mack Environmental, Inc.
Job ID: 240-212351-1
Project/Site: MSC Canfield - Soil

Laboratory: Eurofins Cleveland

All accreditations/certifications held by this laboratory are listed. Not all accreditations/certifications are applicable to this report.

Authority	Program	Identification Number	Expiration Date
California	State	2927	02-28-25
Georgia	State	4062	02-27-25
Illinois	NELAP	200004	08-31-25
Iowa	State	421	06-01-25
Kentucky (UST)	State	112225	02-27-25
Kentucky (WW)	State	KY98016	12-30-24
Minnesota	NELAP	039-999-348	12-31-24
New Hampshire	NELAP	225024	09-30-25
New Jersey	NELAP	OH001	07-03-25
New York	NELAP	10975	04-02-25
Ohio VAP	State	ORELAP 4062	02-27-25
Oregon	NELAP	4062	02-27-25
Pennsylvania	NELAP	68-00340	08-31-25
Texas	NELAP	T104704517-22-19	08-31-25
USDA	US Federal Programs	P330-18-00281	01-05-27
Virginia	NELAP	460175	09-14-25
West Virginia DEP	State	210	12-31-24

Eurofins Cleveland
180 S. Van Buren Avenue
Barberton, OH 44203
Phone (330) 497-9396 Phone (330) 497-0772

Chain of Custody Record

4915.6

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Client Information	Sampler:	Lab PM: Kalis, Nicole A	Carrier Tracking No(s):	COC No: 240-124901-43556.1
Client Contact: Kain Lager-Lowe	Phone:	E-Mail: Nicole.Kalis@et.eurofinsus.com	State of Origin:	Page: Page 1 of 12
Company: August Mack Environmental, Inc.	PWSID:			Job #:
Address: 7830 North Central Drive, Suite B	Due Date Requested:			
City: Lewis Center	TAT Requested (days): 3 Day TAT			
State, Zip: OH, 43035	Compliance Project: Δ Yes Δ No			
Phone: 740-548-1515(Tel)	PO #:			
Email: klagerlowe@augustmack.com	WO #:			
Project Name: MSC Canfield - Soil/Surface Water	Project #: DO NOT DELETE - 24033889			
Site:	SSOW#:			

Analysis Requested

Preservation Codes:
N - None
A - HCL
B - NaOH
D - HNO3

Other:

Sample Identification	Sample Date	Sample Time	Sample Type (C=comp, G=grab)	Matrix (W=water, S=solid, O=waste/oil, BT=Tissue, A=Air)	Field Filtered Sample (Yes or No)	Perform MS/MSD (Yes or No)	8260D - VOCs	8270E - SVOCs	8082A - PCBs	6010D, 7471B - RCRA 8, Cu & Zn	9012B - Total Cyanide	7196A - Hexavalent Chromium	1677 - Free Cyanide	Total Number of containers	Special Instructions/Note:
			Preservation Code:				N	N	N	N	N	N	N		
TO-E-0.0 ~~-0.5~~ KLL 10/2/24	10/2/24	14:18	G	Solid	X	X	X	X	X	X	X	X	X	6	
TO-E-2.0	10/2/24	15:00	G	Solid	X		X	X	X	X	X	X	X	6	
TO-E-4.0 KLL 10/2/24	10/2/24			Solid	X		X	X	X	X	X	X	X	6	
TO-C-0.0	10/2/24	1535	G	Solid	X		X	X	X	X	X	X	X	6	
TO-W-0.0	10/2/24	1545	G	Solid	X		X	X	X	X	X	X	X	6	
T125-E-0.0	10/2/24	16:03	G	Solid	X		X	X	X	X	X	X	X	6	
T125-W-0.0	10/2/24	16:10	G	Solid	X		X	X	X	X	X	X	X	6	
~~TOC-2.0~~ KLL 10/2/24	10/2/24	16:00	G	Solid	X		X	X	X	X	X	X	X	6	
TO-W-2.0	10/2/24	16:30	G	Solid	X		X	X	X	X	X	X	X	6	
~~TO-T125-E-0.0~~ KLL				Solid											
TB-1-20241003 10/2/24				~~Solid~~ Water			X							1	

240-212351 COC

Possible Hazard Identification	Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)
☐ Non-Hazard ☐ Flammable ☐ Skin Irritant ☐ Poison B ☐ Unknown ☐ Radiological	☐ Return To Client ☐ Disposal By Lab ☐ Archive For _____ Months
Deliverable Requested: I, II, III, IV, Other (specify)	Special Instructions/QC Requirements:

Empty Kit Relinquished by:	Date:	Time:	Method of Shipment:

Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company
	10/3/24 12:00			10-3-24 12:00	
Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company
Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company

Custody Seals Intact: Δ Yes Δ No	Custody Seal No.:	Cooler Temperature(s) °C and Other Remarks:

Eurofins – Cleveland Sample Receipt Form/Narrative **Login # :** _____
Barberton Facility

Client August Mack Site Name _____ Cooler unpacked by:
Cooler Received on 10/3/24 Opened on 10/3/24 JMOROSKO
FedEx: 1st Grd Exp UPS FAS Waypoint Client Drop Off Eurofins Courier Other _____
Receipt After-hours: Drop-off Date/Time _____ Storage Location _____
Eurofins Cooler # EC Foam Box Client Cooler Box Other _____
Packing material used: Bubble Wrap Foam Plastic Bag None Other _____
COOLANT: Wet Ice Blue Ice Dry Ice Water None

1. Cooler temperature upon receipt ☐ See Multiple Cooler Form
IR GUN # 13 (CF 0.1 °C) Observed Cooler Temp. 4.9 °C Corrected Cooler Temp. 5.0 °C

2. Were tamper/custody seals on the outside of the cooler(s)? If Yes Quantity_____	Yes (No)	
-Were the seals on the outside of the cooler(s) signed & dated?	Yes No (NA)	
-Were tamper/custody seals on the bottle(s) or bottle kits (LLHg/MeHg)?	Yes (No)	
-Were tamper/custody seals intact and uncompromised?	Yes No (NA)	
3. Shippers' packing slip attached to the cooler(s)?	Yes (No)	
4. Did custody papers accompany the sample(s)?	(Yes) No	
5. Were the custody papers relinquished & signed in the appropriate place?	(Yes) No	
6. Was/were the person(s) who collected the samples clearly identified on the COC?	Yes (No)	
7. Did all bottles arrive in good condition (Unbroken)?	(Yes) No	
8. Could all bottle labels (ID/Date/Time) be reconciled with the COC?	(Yes) No	
9. For each sample, does the COC specify preservatives (Y/N), # of containers (Y/N), and sample type of grab/comp (Y/N)?		
10. Were correct bottle(s) used for the test(s) indicated?	(Yes) No	
11. Sufficient quantity received to perform indicated analyses?	(Yes) No	
12. Are these work share samples and all listed on the COC?	Yes (No)	
If yes, Questions 13-17 have been checked at the originating laboratory.		
13. Were all preserved sample(s) at the correct pH upon receipt?	Yes No (NA)	pH Strip Lot# HC447997
14. Were VOAs on the COC?	(Yes) No	
15. Were air bubbles >6 mm in any VOA vials? ● ⬅ Larger than this.	Yes (No) NA	
16. Was a VOA trip blank present in the cooler(s)? Trip Blank Lot # 0041301 I	(Yes) No	
17. Was a LL Hg or Me Hg trip blank present? _____	Yes (No)	

Tests that are not checked for pH by Receiving:
VOAs
Oil and Grease
TOC

Contacted PM _____ Date _____ by _____ via Verbal Voice Mail Other

Concerning _____

18. CHAIN OF CUSTODY & SAMPLE DISCREPANCIES ☐ additional next page | Samples processed by:

TU-W-2.0 sample
↳ received 2 empty jars

19. SAMPLE CONDITION
Sample(s) _____ were received after the recommended holding time had expired.
Sample(s) _____ were received in a broken container.
Sample(s) _____ were received with bubble >6 mm in diameter. (Notify PM)

20. SAMPLE PRESERVATION
Sample(s) _____ were further preserved in the laboratory.
Time preserved: _____ Preservative(s) added/Lot number(s): _____

VOA Sample Preservation - Date/Time VOAs Frozen: _____

10/3/2024

Login Container Summary Report

240-212351

10/9/2024

Temperature readings: _____

Client Sample ID	Lab ID	Container Type	Container pH	Container Temp	Preservation Added	Preservation Lot Number
TO-E-0.0	240-212351-A-1	SnapCap 1/2 ounce unpreserved				
TO-E-0.0	240-212351-B-1	Soil jar 2oz - clear glass				
TO-E-0.0	240-212351-C-1	Soil jar 4oz - clear glass				
TO-E-0.0	240-212351-D-1	Soil jar 4oz - clear glass				
TO-E-0.0	240-212351-E-1	Soil jar 4oz - clear glass				
TO-E-0.0	240-212351-F-1	Soil jar 4oz - clear glass				
TO-E-0.0	240-212351-G-1	Soil jar 4oz - clear glass				
TO-E-2.0	240-212351-A-2	SnapCap 1/2 ounce unpreserved				
TO-E-2.0	240-212351-B-2	Soil jar 2oz - clear glass				
TO-E-2.0	240-212351-C-2	Soil jar 4oz - clear glass				
TO-E-2.0	240-212351-D-2	Soil jar 4oz - clear glass				
TO-E-2.0	240-212351-E-2	Soil jar 4oz - clear glass				
TO-E-2.0	240-212351-F-2	Soil jar 4oz - clear glass				
TO-E-2.0	240-212351-G-2	Soil jar 4oz - clear glass				
TO-C-0.0	240-212351-A-3	SnapCap 1/2 ounce unpreserved				
TO-C-0.0	240-212351-B-3	Soil jar 2oz - clear glass				
TO-C-0.0	240-212351-C-3	Soil jar 4oz - clear glass				
TO-C-0.0	240-212351-D-3	Soil jar 4oz - clear glass				
TO-C-0.0	240-212351-E-3	Soil jar 4oz - clear glass				
TO-C-0.0	240-212351-F-3	Soil jar 4oz - clear glass				
TO-C-0.0	240-212351-G-3	Soil jar 4oz - clear glass				
TO-W-0.0	240-212351-A-4	SnapCap 1/2 ounce unpreserved				
TO-W-0.0	240-212351-B-4	Soil jar 2oz - clear glass				
TO-W-0.0	240-212351-C-4	Soil jar 4oz - clear glass				
TO-W-0.0	240-212351-D-4	Soil jar 4oz - clear glass				
TO-W-0.0	240-212351-E-4	Soil jar 4oz - clear glass				
TO-W-0.0	240-212351-F-4	Soil jar 4oz - clear glass				
TO-W-0.0	240-212351-G-4	Soil jar 4oz - clear glass				
T125-E-0.0	240-212351-A-5	SnapCap 1/2 ounce unpreserved				
T125-E-0.0	240-212351-B-5	Soil jar 2oz - clear glass				
T125-E-0.0	240-212351-C-5	Soil jar 4oz - clear glass				
T125-E-0.0	240-212351-D-5	Soil jar 4oz - clear glass				
T125-E-0.0	240-212351-E-5	Soil jar 4oz - clear glass				
T125-E-0.0	240-212351-F-5	Soil jar 4oz - clear glass				
T125-E-0.0	240-212351-G-5	Soil jar 4oz - clear glass				

Client Sample ID	Lab ID	Container Type	Container pH	Container Temp	Preservation Added	Preservation Lot Number
T125-W-0.0	240-212351-A-6	SnapCap 1/2 ounce unpreserved				
T125-W-0.0	240-212351-B-6	Soil jar 2oz - clear glass				
T125-W-0.0	240-212351-C-6	Soil jar 4oz - clear glass				
T125-W-0.0	240-212351-D-6	Soil jar 4oz - clear glass				
T125-W-0.0	240-212351-E-6	Soil jar 4oz - clear glass				
T125-W-0.0	240-212351-F-6	Soil jar 4oz - clear glass				
T125-W-0.0	240-212351-G-6	Soil jar 4oz - clear glass				
TO-W-2.0	240-212351-A-7	SnapCap 1/2 ounce unpreserved				
TO-W-2.0	240-212351-D-7	Soil jar 4oz - clear glass				
TO-W-2.0	240-212351-E-7	Soil jar 4oz - clear glass				
TO-W-2.0	240-212351-F-7	Soil jar 4oz - clear glass				
TO-W-2.0	240-212351-G-7	Soil jar 4oz - clear glass				
TB-1-20241003	240-212351-A-8	Voa Vial 40ml - Hydrochloric Acid				

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ANALYTICAL REPORT

PREPARED FOR

Attn: Kain Lager-Lowe
August Mack Environmental, Inc.
7830 North Central Drive, Suite B
Lewis Center, Ohio 43035

Generated 10/9/2024 4:50:08 PM

JOB DESCRIPTION

MSC Canfield - Soil

JOB NUMBER

240-212357-1

Eurofins Cleveland
180 S. Van Buren Avenue
Barberton OH 44203

See page two for job notes and contact information.

my EOL

Job Notes

This report may not be reproduced except in full, and with written approval from the laboratory. The results relate only to the samples tested. For questions please contact the Project Manager at the e-mail address or telephone number listed on this page.

The test results in this report relate only to the samples as received by the laboratory and will meet all requirements of the methodology, with any exceptions noted. This report shall not be reproduced except in full, without the express written approval of the laboratory. All questions should be directed to the Eurofins Environment Testing North Central, LLC Project Manager.

Authorization



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10/9/2024 4:50:08 PM

Authorized for release by
Nicole Kalis, Project Manager I
Nicole.Kalis@et.eurofinsus.com
(330)497-9396

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Client: August Mack Environmental, Inc.
Project/Site: MSC Canfield - Soil

Job ID: 240-212357-1

Qualifiers

GC/MS VOA

Qualifier	Qualifier Description
F1	MS and/or MSD recovery exceeds control limits.
F2	MS/MSD RPD exceeds control limits
J	Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.

GC/MS Semi VOA

Qualifier	Qualifier Description
F1	MS and/or MSD recovery exceeds control limits.
J	Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.

GC Semi VOA

Qualifier	Qualifier Description
J	Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.

Metals

Qualifier	Qualifier Description
J	Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.

General Chemistry

Qualifier	Qualifier Description
4	MS, MSD: The analyte present in the original sample is greater than 4 times the matrix spike concentration; therefore, control limits are not applicable.

Glossary

Abbreviation	These commonly used abbreviations may or may not be present in this report.
☼	Listed under the "D" column to designate that the result is reported on a dry weight basis
%R	Percent Recovery
CFL	Contains Free Liquid
CFU	Colony Forming Unit
CNF	Contains No Free Liquid
DER	Duplicate Error Ratio (normalized absolute difference)
Dil Fac	Dilution Factor
DL	Detection Limit (DoD/DOE)
DL, RA, RE, IN	Indicates a Dilution, Re-analysis, Re-extraction, or additional Initial metals/anion analysis of the sample
DLC	Decision Level Concentration (Radiochemistry)
EDL	Estimated Detection Limit (Dioxin)
LOD	Limit of Detection (DoD/DOE)
LOQ	Limit of Quantitation (DoD/DOE)
MCL	EPA recommended "Maximum Contaminant Level"
MDA	Minimum Detectable Activity (Radiochemistry)
MDC	Minimum Detectable Concentration (Radiochemistry)
MDL	Method Detection Limit
ML	Minimum Level (Dioxin)
MPN	Most Probable Number
MQL	Method Quantitation Limit
NC	Not Calculated
ND	Not Detected at the reporting limit (or MDL or EDL if shown)
NEG	Negative / Absent
POS	Positive / Present
PQL	Practical Quantitation Limit
PRES	Presumptive
QC	Quality Control
RER	Relative Error Ratio (Radiochemistry)
RL	Reporting Limit or Requested Limit (Radiochemistry)
RPD	Relative Percent Difference, a measure of the relative difference between two points
TEF	Toxicity Equivalent Factor (Dioxin)

Glossary (Continued)

Abbreviation	These commonly used abbreviations may or may not be present in this report.
TEQ	Toxicity Equivalent Quotient (Dioxin)
TNTC	Too Numerous To Count

Job ID: 240-212357-1 Eurofins Cleveland

Job Narrative
240-212357-1

Analytical test results meet all requirements of the associated regulatory program listed on the Accreditation/Certification Summary Page unless otherwise noted under the individual analysis. Data qualifiers and/or narrative comments are included to explain any exceptions, if applicable.

- Matrix QC may not be reported if insufficient sample is provided or site-specific QC samples were not submitted. In these situations, to demonstrate precision and accuracy at a batch level, a LCS/LCSD may be performed, unless otherwise specified in the method.
- Surrogate and/or isotope dilution analyte recoveries (if applicable) which are outside of the QC window are confirmed unless attributed to a dilution or otherwise noted in the narrative.

Regulated compliance samples (e.g. SDWA, NPDES) must comply with the associated agency requirements/permits.

Receipt
The samples were received on 10/3/2024 12:00 PM. Unless otherwise noted below, the samples arrived in good condition, and, where required, properly preserved and on ice. The temperature of the cooler at receipt time was 5.8°C.

GC/MS VOA
Method 8260D: The continuing calibration verification (CCV) analyzed in batch 240-629629 was outside the method criteria for the following analyte(s): Bromomethane. An MRL standard at or below the reporting limit (RL) was analyzed with the affected samplesTB-2-20241003 (240-212357-16), (240-212367-C-1), (240-212367-A-1 MS) and (240-212367-B-1 MSD) and found to be acceptable. As indicated in the reference method, sample analysis may proceed; however, any detection for the affected analyte(s) is considered estimated.

Method 8260D: The method blank for analytical batch 240-629629 contained Bromomethane above the method detection limit (MDL). Associated samples were not re-analyzed because the method blank results were less than the reporting limit (RL) OR practical quantitation limit (PQL).

Method 8260D: The continuing calibration verification (CCV) associated with batch 240-629575 recovered above the upper control limit for Carbon disulfide and Trichlorofluoromethane. The samples associated with this CCV were below the reporting limit for the affected analytes; therefore, the data have been reported. The associated samples are impacted: DUP-1-20241003 (240-212357-9), T625-W-0.0 (240-212357-10), T625-C-0.0 (240-212357-11), T750-E-0.0 (240-212357-12), T750-W-0.0 (240-212357-13), DUP-2-20241003 (240-212357-15), (CCV 240-629575/4), (CCVIS 240-629575/3), (LCS 240-629575/5), (LCS 240-629575/6), (MB 240-629575/9), (240-212357-B-15-C MS) and (240-212357-B-15-D MSD).

Method 8260D: The continuing calibration verification (CCV) analyzed in batch 240-629507 was outside the method criteria for the following analyte(s): Bromoform and Bromomethane. A CCV standard at or below the reporting limit (RL) was analyzed with the affected samples and found to be acceptable. As indicated in the reference method, sample analysis may proceed; however, any detection for the affected analyte(s) is considered estimated.

No additional analytical or quality issues were noted, other than those described above or in the Definitions/ Glossary page.

GC/MS Semi VOA
Method 8270E: The following samples were diluted due to the nature of the sample matrix: T125-C-0.0 (240-212357-1), T250-E-0.0 (240-212357-2) and T625-C-0.0 (240-212357-11). Elevated reporting limits (RLs) are provided.

No additional analytical or quality issues were noted, other than those described above or in the Definitions/ Glossary page.

PCBs
Method 8082A: The following samples required a tetrabutylammonium sulfite (TBA) clean-up to reduce matrix interferences caused by sulfur: T250-E-0.0 (240-212357-2), T250-W-0.0 (240-212357-3), T250-C-0.0 (240-212357-4), T375-E-0.0 (240-212357-5), T500-E-0.0 (240-212357-7) and T500-W-0.0 (240-212357-8).

Method 8082A: The following samples appears to contain polychlorinated biphenyls (PCBs); however, due to the contributions of patterns from the presence of multiple Aroclors present the PCBs in the samples do not directly match any of the laboratory's Aroclor standards used for instrument calibration: T250-E-0.0 (240-212357-2), T625-W-0.0 (240-212357-10) and T750-W-0.0 (240-212357-13). The samples have been quantified and reported using the best overall Aroclor standard pattern match

Job ID: 240-212357-1 (Continued) Eurofins Cleveland

Method 8082A: The following sample required a tetrabutylammonium sulfite (TBA) clean-up to reduce matrix interferences caused by sulfur: T375-W-0.0 (240-212357-6).

Method 8082A: The following samples appear to contain polychlorinated biphenyls (PCBs); however, due to weathering, other environmental processes and/or contributions from the presence of multiple Aroclors, resulting in overlapping PCB patterns, the PCBs in the samples do not directly match any of the laboratory's Aroclor standards used for instrument calibration: T375-W-0.0 (240-212357-6). The samples have been quantified and reported using the best overall Aroclor/standard pattern match relative to the reference standards.

No additional analytical or quality issues were noted, other than those described above or in the Definitions/ Glossary page.

Metals
No additional analytical or quality issues were noted, other than those described above or in the Definitions/ Glossary page.

General Chemistry
Method 9012B: The matrix spike / matrix spike duplicate (MS/MSD) recoveries for preparation batch 240-629719 and analytical batch 240-629821 were outside control limits. Sample matrix interference is suspected because the associated laboratory control sample (LCS) recovery was within acceptance limits.

No additional analytical or quality issues were noted, other than those described above or in the Definitions/ Glossary page.

Method Summary

Client: August Mack Environmental, Inc.
Job ID: 240-212357-1
Project/Site: MSC Canfield - Soil

Method	Method Description	Protocol	Laboratory
8260D	Volatile Organic Compounds by GC/MS	SW846	EET CLE
8270E	Semivolatile Organic Compounds (GC/MS)	SW846	EET CLE
8082A	Polychlorinated Biphenyls (PCBs) by Gas Chromatography	SW846	EET CLE
6010D	Metals (ICP)	SW846	EET CLE
7471B	Mercury (CVAA)	SW846	EET CLE
9012B	Cyanide, Total andor Amenable	SW846	EET CLE
Moisture	Percent Moisture	EPA	EET CLE
3050B	Preparation, Metals	SW846	EET CLE
3546	Microwave Extraction	SW846	EET CLE
5030C	Purge and Trap	SW846	EET CLE
7471B	Preparation, Mercury	SW846	EET CLE
9012B	Cyanide, Total and/or Amenable, Distillation	SW846	EET CLE

Protocol References:

EPA = US Environmental Protection Agency

SW846 = "Test Methods For Evaluating Solid Waste, Physical/Chemical Methods", Third Edition, November 1986 And Its Updates.

Laboratory References:

EET CLE = Eurofins Cleveland, 180 S. Van Buren Avenue, Barberton, OH 44203, TEL (330)497-9396

Sample Summary

Client: August Mack Environmental, Inc.
Project/Site: MSC Canfield - Soil

Job ID: 240-212357-1

Lab Sample ID	Client Sample ID	Matrix	Collected	Received
240-212357-1	T125-C-0.0	Solid	10/03/24 09:30	10/03/24 12:00
240-212357-2	T250-E-0.0	Solid	10/03/24 09:45	10/03/24 12:00
240-212357-3	T250-W-0.0	Solid	10/03/24 09:40	10/03/24 12:00
240-212357-4	T250-C-0.0	Solid	10/03/24 10:00	10/03/24 12:00
240-212357-5	T375-E-0.0	Solid	10/03/24 10:20	10/03/24 12:00
240-212357-6	T375-W-0.0	Solid	10/03/24 10:25	10/03/24 12:00
240-212357-7	T500-E-0.0	Solid	10/03/24 10:30	10/03/24 12:00
240-212357-8	T500-W-0.0	Solid	10/03/24 10:35	10/03/24 12:00
240-212357-9	DUP-1-20241003	Solid	10/03/24 00:00	10/03/24 12:00
240-212357-10	T625-W-0.0	Solid	10/03/24 10:45	10/03/24 12:00
240-212357-11	T625-C-0.0	Solid	10/03/24 10:50	10/03/24 12:00
240-212357-12	T750-E-0.0	Solid	10/03/24 11:05	10/03/24 12:00
240-212357-13	T750-W-0.0	Solid	10/03/24 11:10	10/03/24 12:00
240-212357-14	T625-E-0.0	Solid	10/03/24 10:40	10/03/24 12:00
240-212357-15	DUP-2-20241003	Solid	10/03/24 00:00	10/03/24 12:00
240-212357-16	TB-2-20241003	Water	10/03/24 00:00	10/03/24 12:00

Detection Summary

Client: August Mack Environmental, Inc.
Project/Site: MSC Canfield - Soil

Job ID: 240-212357-1

Client Sample ID: T125-C-0.0 — Lab Sample ID: 240-212357-1

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Acetone	68		36	30	ug/Kg	1	☼	8260D	Total/NA
Carbon disulfide	1.8	J	7.3	1.7	ug/Kg	1	☼	8260D	Total/NA
2-Methylnaphthalene	580		250	81	ug/Kg	4	☼	8270E	Total/NA
Acenaphthene	170	J	250	87	ug/Kg	4	☼	8270E	Total/NA
Acenaphthylene	130	J	250	93	ug/Kg	4	☼	8270E	Total/NA
Anthracene	490		250	75	ug/Kg	4	☼	8270E	Total/NA
Benzo[a]anthracene	1900		250	93	ug/Kg	4	☼	8270E	Total/NA
Benzo[a]pyrene	2000		250	87	ug/Kg	4	☼	8270E	Total/NA
Benzo[b]fluoranthene	4200		250	75	ug/Kg	4	☼	8270E	Total/NA
Benzo[g,h,i]perylene	1200		250	170	ug/Kg	4	☼	8270E	Total/NA
Benzo[k]fluoranthene	1100		250	62	ug/Kg	4	☼	8270E	Total/NA
Carbazole	410	J	620	170	ug/Kg	4	☼	8270E	Total/NA
Chrysene	2600		250	87	ug/Kg	4	☼	8270E	Total/NA
Dibenz(a,h)anthracene	310		250	93	ug/Kg	4	☼	8270E	Total/NA
Dibenzofuran	190	J	620	180	ug/Kg	4	☼	8270E	Total/NA
Fluoranthene	4900		250	87	ug/Kg	4	☼	8270E	Total/NA
Fluorene	180	J	250	87	ug/Kg	4	☼	8270E	Total/NA
Indeno[1,2,3-cd]pyrene	1100		250	75	ug/Kg	4	☼	8270E	Total/NA
Naphthalene	490		250	81	ug/Kg	4	☼	8270E	Total/NA
Phenanthrene	2300		250	81	ug/Kg	4	☼	8270E	Total/NA
Pyrene	3800		250	100	ug/Kg	4	☼	8270E	Total/NA
Aroclor-1242	120		75	28	ug/Kg	1	☼	8082A	Total/NA
Aroclor-1254	40	J	75	31	ug/Kg	1	☼	8082A	Total/NA
Arsenic	12		2.1	0.44	mg/Kg	1	☼	6010D	Total/NA
Barium	160		28	0.18	mg/Kg	1	☼	6010D	Total/NA
Cadmium	0.67	J	0.70	0.067	mg/Kg	1	☼	6010D	Total/NA
Chromium	42		1.4	0.48	mg/Kg	1	☼	6010D	Total/NA
Copper	4.7		3.5	0.99	mg/Kg	1	☼	6010D	Total/NA
Lead	46		1.4	0.40	mg/Kg	1	☼	6010D	Total/NA
Silver	0.24	J	1.4	0.11	mg/Kg	1	☼	6010D	Total/NA
Zinc	6700		70	51	mg/Kg	10	☼	6010D	Total/NA
Mercury	0.072	J	0.18	0.032	mg/Kg	1	☼	7471B	Total/NA
Cyanide, Total	780		48	38	mg/Kg	25	☼	9012B	Total/NA

Client Sample ID: T250-E-0.0 — Lab Sample ID: 240-212357-2

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
2-Methylnaphthalene	200	J	220	71	ug/Kg	4	☼	8270E	Total/NA
Acenaphthene	130	J	220	77	ug/Kg	4	☼	8270E	Total/NA
Acenaphthylene	100	J	220	82	ug/Kg	4	☼	8270E	Total/NA
Anthracene	370		220	66	ug/Kg	4	☼	8270E	Total/NA
Benzo[a]anthracene	1600		220	82	ug/Kg	4	☼	8270E	Total/NA
Benzo[a]pyrene	2000		220	77	ug/Kg	4	☼	8270E	Total/NA
Benzo[b]fluoranthene	4000		220	66	ug/Kg	4	☼	8270E	Total/NA
Benzo[g,h,i]perylene	980		220	150	ug/Kg	4	☼	8270E	Total/NA
Benzo[k]fluoranthene	1300		220	55	ug/Kg	4	☼	8270E	Total/NA
Bis(2-ethylhexyl) phthalate	400	J	820	310	ug/Kg	4	☼	8270E	Total/NA
Carbazole	320	J	550	150	ug/Kg	4	☼	8270E	Total/NA
Chrysene	2200		220	77	ug/Kg	4	☼	8270E	Total/NA
Dibenz(a,h)anthracene	260		220	82	ug/Kg	4	☼	8270E	Total/NA
Fluoranthene	4100		220	77	ug/Kg	4	☼	8270E	Total/NA

This Detection Summary does not include radiochemical test results.

Eurofins Cleveland

Client Sample ID: T250-E-0.0 (Continued)

Lab Sample ID: 240-212357-2

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Fluorene	130	J	220	77	ug/Kg	4	☼	8270E	Total/NA
Indeno[1,2,3-cd]pyrene	800		220	66	ug/Kg	4	☼	8270E	Total/NA
Naphthalene	170	J	220	71	ug/Kg	4	☼	8270E	Total/NA
Phenanthrene	1800		220	71	ug/Kg	4	☼	8270E	Total/NA
Pyrene	3200		220	88	ug/Kg	4	☼	8270E	Total/NA
Aroclor-1248	57	J	68	23	ug/Kg	1	☼	8082A	Total/NA
Aroclor-1260	30	J	68	29	ug/Kg	1	☼	8082A	Total/NA
Arsenic	13		1.9	0.39	mg/Kg	1	☼	6010D	Total/NA
Barium	110		25	0.16	mg/Kg	1	☼	6010D	Total/NA
Cadmium	0.50	J	0.62	0.060	mg/Kg	1	☼	6010D	Total/NA
Chromium	28		1.2	0.43	mg/Kg	1	☼	6010D	Total/NA
Copper	4.2		3.1	0.87	mg/Kg	1	☼	6010D	Total/NA
Lead	35		1.2	0.35	mg/Kg	1	☼	6010D	Total/NA
Selenium	0.73	J	2.5	0.58	mg/Kg	1	☼	6010D	Total/NA
Silver	0.10	J	1.2	0.10	mg/Kg	1	☼	6010D	Total/NA
Zinc	4400		62	45	mg/Kg	10	☼	6010D	Total/NA
Mercury	0.077	J	0.14	0.025	mg/Kg	1	☼	7471B	Total/NA
Cyanide, Total	1400		220	170	mg/Kg	125	☼	9012B	Total/NA

Client Sample ID: T250-W-0.0

Lab Sample ID: 240-212357-3

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
2-Methylnaphthalene	180		68	22	ug/Kg	1	☼	8270E	Total/NA
Acenaphthene	170		68	24	ug/Kg	1	☼	8270E	Total/NA
Acenaphthylene	110		68	25	ug/Kg	1	☼	8270E	Total/NA
Anthracene	510		68	20	ug/Kg	1	☼	8270E	Total/NA
Benzo[a]anthracene	2400		68	25	ug/Kg	1	☼	8270E	Total/NA
Benzo[a]pyrene	3300		68	24	ug/Kg	1	☼	8270E	Total/NA
Benzo[b]fluoranthene	5600		68	20	ug/Kg	1	☼	8270E	Total/NA
Benzo[g,h,i]perylene	2200		68	46	ug/Kg	1	☼	8270E	Total/NA
Benzo[k]fluoranthene	2200		68	17	ug/Kg	1	☼	8270E	Total/NA
Bis(2-ethylhexyl) phthalate	280		250	95	ug/Kg	1	☼	8270E	Total/NA
Butyl benzyl phthalate	100	J	250	87	ug/Kg	1	☼	8270E	Total/NA
Carbazole	580		170	46	ug/Kg	1	☼	8270E	Total/NA
Chrysene	3900		68	24	ug/Kg	1	☼	8270E	Total/NA
Dibenz(a,h)anthracene	420		68	25	ug/Kg	1	☼	8270E	Total/NA
Dibenzofuran	140	J	170	49	ug/Kg	1	☼	8270E	Total/NA
Fluorene	170		68	24	ug/Kg	1	☼	8270E	Total/NA
Indeno[1,2,3-cd]pyrene	1800		68	20	ug/Kg	1	☼	8270E	Total/NA
Naphthalene	160		68	22	ug/Kg	1	☼	8270E	Total/NA
Phenanthrene	2900		68	22	ug/Kg	1	☼	8270E	Total/NA
Fluoranthene - RA	7500		170	59	ug/Kg	2.5	☼	8270E	Total/NA
Pyrene - RA	5700		170	68	ug/Kg	2.5	☼	8270E	Total/NA
Aroclor-1248	73	J	86	29	ug/Kg	1	☼	8082A	Total/NA
Arsenic	13		1.9	0.40	mg/Kg	1	☼	6010D	Total/NA
Barium	150		25	0.16	mg/Kg	1	☼	6010D	Total/NA
Cadmium	0.92		0.63	0.060	mg/Kg	1	☼	6010D	Total/NA
Chromium	68		1.3	0.43	mg/Kg	1	☼	6010D	Total/NA
Copper	31		3.1	0.88	mg/Kg	1	☼	6010D	Total/NA
Lead	62		1.3	0.35	mg/Kg	1	☼	6010D	Total/NA
Selenium	2.1	J	2.5	0.59	mg/Kg	1	☼	6010D	Total/NA

This Detection Summary does not include radiochemical test results.

Client Sample ID: T250-W-0.0 (Continued)

Lab Sample ID: 240-212357-3

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Silver	0.30	J	1.3	0.10	mg/Kg	1	☼	6010D	Total/NA
Zinc	3100		31	23	mg/Kg	5	☼	6010D	Total/NA
Mercury	0.067	J	0.16	0.030	mg/Kg	1	☼	7471B	Total/NA
Cyanide, Total	1300		60	47	mg/Kg	25	☼	9012B	Total/NA

Client Sample ID: T250-C-0.0

Lab Sample ID: 240-212357-4

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Acetone	31	J	37	31	ug/Kg	1	☼	8260D	Total/NA
Toluene	3.1	J	7.4	1.1	ug/Kg	1	☼	8260D	Total/NA
1,1'-Biphenyl	140	J	160	45	ug/Kg	1	☼	8270E	Total/NA
2-Methylnaphthalene	1600		65	21	ug/Kg	1	☼	8270E	Total/NA
Acenaphthene	170		65	23	ug/Kg	1	☼	8270E	Total/NA
Acenaphthylene	130		65	24	ug/Kg	1	☼	8270E	Total/NA
Anthracene	460		65	19	ug/Kg	1	☼	8270E	Total/NA
Benzaldehyde	230	J	540	91	ug/Kg	1	☼	8270E	Total/NA
Benzo[a]anthracene	2200		65	24	ug/Kg	1	☼	8270E	Total/NA
Benzo[a]pyrene	3200		65	23	ug/Kg	1	☼	8270E	Total/NA
Benzo[g,h,i]perylene	1800		65	44	ug/Kg	1	☼	8270E	Total/NA
Benzo[k]fluoranthene	2300		65	16	ug/Kg	1	☼	8270E	Total/NA
Bis(2-ethylhexyl) phthalate	430		240	91	ug/Kg	1	☼	8270E	Total/NA
Carbazole	510		160	44	ug/Kg	1	☼	8270E	Total/NA
Chrysene	3700		65	23	ug/Kg	1	☼	8270E	Total/NA
Dibenz(a,h)anthracene	410		65	24	ug/Kg	1	☼	8270E	Total/NA
Dibenzofuran	390		160	47	ug/Kg	1	☼	8270E	Total/NA
Fluorene	170		65	23	ug/Kg	1	☼	8270E	Total/NA
Indeno[1,2,3-cd]pyrene	1600		65	19	ug/Kg	1	☼	8270E	Total/NA
Naphthalene	980		65	21	ug/Kg	1	☼	8270E	Total/NA
Phenanthrene	3100		65	21	ug/Kg	1	☼	8270E	Total/NA
Phenol	110	J	160	62	ug/Kg	1	☼	8270E	Total/NA
Pyrene	5200		65	26	ug/Kg	1	☼	8270E	Total/NA
3 & 4 Methylphenol	220	J	650	67	ug/Kg	1	☼	8270E	Total/NA
Benzo[b]fluoranthene - RA	5300		160	49	ug/Kg	2.5	☼	8270E	Total/NA
Fluoranthene - RA	6500		160	57	ug/Kg	2.5	☼	8270E	Total/NA
Aroclor-1242	38	J	81	31	ug/Kg	1	☼	8082A	Total/NA
Aroclor-1254	48	J	81	34	ug/Kg	1	☼	8082A	Total/NA
Arsenic	9.4		1.7	0.36	mg/Kg	1	☼	6010D	Total/NA
Barium	82		23	0.14	mg/Kg	1	☼	6010D	Total/NA
Cadmium	0.57		0.57	0.054	mg/Kg	1	☼	6010D	Total/NA
Chromium	28		1.1	0.39	mg/Kg	1	☼	6010D	Total/NA
Copper	2.5	J	2.8	0.79	mg/Kg	1	☼	6010D	Total/NA
Lead	42		1.1	0.32	mg/Kg	1	☼	6010D	Total/NA
Selenium	0.72	J	2.3	0.53	mg/Kg	1	☼	6010D	Total/NA
Silver	0.24	J	1.1	0.092	mg/Kg	1	☼	6010D	Total/NA
Zinc	5800		57	41	mg/Kg	10	☼	6010D	Total/NA
Mercury	0.064	J	0.16	0.028	mg/Kg	1	☼	7471B	Total/NA
Cyanide, Total	710		57	45	mg/Kg	25	☼	9012B	Total/NA

Client Sample ID: T375-E-0.0

Lab Sample ID: 240-212357-5

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
2-Methylnaphthalene	170		67	22	ug/Kg	1	☼	8270E	Total/NA

This Detection Summary does not include radiochemical test results.

Client Sample ID: T375-E-0.0 (Continued)

Lab Sample ID: 240-212357-5

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Acenaphthene	140		67	24	ug/Kg	1	☼	8270E	Total/NA
Acenaphthylene	150		67	25	ug/Kg	1	☼	8270E	Total/NA
Acetophenone	60	J	170	42	ug/Kg	1	☼	8270E	Total/NA
Anthracene	490		67	20	ug/Kg	1	☼	8270E	Total/NA
Benzaldehyde	100	J	550	94	ug/Kg	1	☼	8270E	Total/NA
Benzo[a]anthracene	2300		67	25	ug/Kg	1	☼	8270E	Total/NA
Benzo[a]pyrene	3300		67	24	ug/Kg	1	☼	8270E	Total/NA
Benzo[g,h,i]perylene	2300		67	45	ug/Kg	1	☼	8270E	Total/NA
Benzo[k]fluoranthene	2000		67	17	ug/Kg	1	☼	8270E	Total/NA
Bis(2-ethylhexyl) phthalate	170	J	250	94	ug/Kg	1	☼	8270E	Total/NA
Carbazole	520		170	45	ug/Kg	1	☼	8270E	Total/NA
Chrysene	3700		67	24	ug/Kg	1	☼	8270E	Total/NA
Dibenz(a,h)anthracene	450		67	25	ug/Kg	1	☼	8270E	Total/NA
Dibenzofuran	120	J	170	49	ug/Kg	1	☼	8270E	Total/NA
Fluorene	150		67	24	ug/Kg	1	☼	8270E	Total/NA
Indeno[1,2,3-cd]pyrene	1900		67	20	ug/Kg	1	☼	8270E	Total/NA
Isophorone	130	J	170	44	ug/Kg	1	☼	8270E	Total/NA
Naphthalene	160		67	22	ug/Kg	1	☼	8270E	Total/NA
Phenanthrene	2700		67	22	ug/Kg	1	☼	8270E	Total/NA
Pyrene	5500		67	27	ug/Kg	1	☼	8270E	Total/NA
Benzo[b]fluoranthene - RA	4900		170	50	ug/Kg	2.5	☼	8270E	Total/NA
Fluoranthene - RA	6400		170	59	ug/Kg	2.5	☼	8270E	Total/NA
Aroclor-1248	67	J	84	28	ug/Kg	1	☼	8082A	Total/NA
Arsenic	14		2.5	0.52	mg/Kg	1	☼	6010D	Total/NA
Barium	160		33	0.21	mg/Kg	1	☼	6010D	Total/NA
Cadmium	0.79	J	0.83	0.080	mg/Kg	1	☼	6010D	Total/NA
Chromium	98		1.7	0.57	mg/Kg	1	☼	6010D	Total/NA
Copper	11		4.1	1.2	mg/Kg	1	☼	6010D	Total/NA
Lead	62		1.7	0.47	mg/Kg	1	☼	6010D	Total/NA
Selenium	2.3	J	3.3	0.78	mg/Kg	1	☼	6010D	Total/NA
Silver	0.33	J	1.7	0.13	mg/Kg	1	☼	6010D	Total/NA
Zinc	10000		83	60	mg/Kg	10	☼	6010D	Total/NA
Mercury	0.077	J	0.16	0.029	mg/Kg	1	☼	7471B	Total/NA
Cyanide, Total	1200		49	39	mg/Kg	25	☼	9012B	Total/NA

Client Sample ID: T375-W-0.0

Lab Sample ID: 240-212357-6

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
2-Methylnaphthalene	180		130	43	ug/Kg	2	☼	8270E	Total/NA
Acenaphthene	130		130	46	ug/Kg	2	☼	8270E	Total/NA
Acenaphthylene	130		130	50	ug/Kg	2	☼	8270E	Total/NA
Anthracene	390		130	40	ug/Kg	2	☼	8270E	Total/NA
Benzo[a]anthracene	2100		130	50	ug/Kg	2	☼	8270E	Total/NA
Benzo[a]pyrene	3200		130	46	ug/Kg	2	☼	8270E	Total/NA
Benzo[b]fluoranthene	6600		130	40	ug/Kg	2	☼	8270E	Total/NA
Benzo[g,h,i]perylene	2000		130	90	ug/Kg	2	☼	8270E	Total/NA
Benzo[k]fluoranthene	1800		130	33	ug/Kg	2	☼	8270E	Total/NA
Bis(2-ethylhexyl) phthalate	230	J	500	190	ug/Kg	2	☼	8270E	Total/NA
Carbazole	510		330	90	ug/Kg	2	☼	8270E	Total/NA
Chrysene	3700		130	46	ug/Kg	2	☼	8270E	Total/NA
Dibenz(a,h)anthracene	420		130	50	ug/Kg	2	☼	8270E	Total/NA

This Detection Summary does not include radiochemical test results.

Client Sample ID: T375-W-0.0 (Continued)

Lab Sample ID: 240-212357-6

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Dibenzofuran	100	J	330	96	ug/Kg	2	☼	8270E	Total/NA
Fluoranthene	6600		130	46	ug/Kg	2	☼	8270E	Total/NA
Fluorene	130		130	46	ug/Kg	2	☼	8270E	Total/NA
Indeno[1,2,3-cd]pyrene	1700		130	40	ug/Kg	2	☼	8270E	Total/NA
Naphthalene	140		130	43	ug/Kg	2	☼	8270E	Total/NA
Phenanthrene	2300		130	43	ug/Kg	2	☼	8270E	Total/NA
Pyrene	5300		130	53	ug/Kg	2	☼	8270E	Total/NA
Aroclor-1254	39	J	83	35	ug/Kg	1	☼	8082A	Total/NA
Arsenic	12		2.3	0.49	mg/Kg	1	☼	6010D	Total/NA
Barium	150		31	0.20	mg/Kg	1	☼	6010D	Total/NA
Cadmium	0.75	J	0.77	0.074	mg/Kg	1	☼	6010D	Total/NA
Chromium	93		1.5	0.53	mg/Kg	1	☼	6010D	Total/NA
Copper	12		3.9	1.1	mg/Kg	1	☼	6010D	Total/NA
Lead	57		1.5	0.44	mg/Kg	1	☼	6010D	Total/NA
Selenium	2.0	J	3.1	0.73	mg/Kg	1	☼	6010D	Total/NA
Silver	0.22	J	1.5	0.13	mg/Kg	1	☼	6010D	Total/NA
Zinc	8200		77	56	mg/Kg	10	☼	6010D	Total/NA
Mercury	0.081	J	0.16	0.029	mg/Kg	1	☼	7471B	Total/NA
Cyanide, Total	1300		58	46	mg/Kg	25	☼	9012B	Total/NA

Client Sample ID: T500-E-0.0

Lab Sample ID: 240-212357-7

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Tetrachloroethene	7.4		7.4	5.8	ug/Kg	1	☼	8260D	Total/NA
2-Methylnaphthalene	130		120	38	ug/Kg	2	☼	8270E	Total/NA
Acenaphthene	72	J	120	41	ug/Kg	2	☼	8270E	Total/NA
Acenaphthylene	120		120	44	ug/Kg	2	☼	8270E	Total/NA
Anthracene	270		120	35	ug/Kg	2	☼	8270E	Total/NA
Benzo[a]anthracene	1500		120	44	ug/Kg	2	☼	8270E	Total/NA
Benzo[a]pyrene	2200		120	41	ug/Kg	2	☼	8270E	Total/NA
Benzo[b]fluoranthene	4300		120	35	ug/Kg	2	☼	8270E	Total/NA
Benzo[g,h,i]perylene	1400		120	78	ug/Kg	2	☼	8270E	Total/NA
Benzo[k]fluoranthene	1100		120	29	ug/Kg	2	☼	8270E	Total/NA
Bis(2-ethylhexyl) phthalate	320	J	440	160	ug/Kg	2	☼	8270E	Total/NA
Carbazole	300		290	78	ug/Kg	2	☼	8270E	Total/NA
Chrysene	2300		120	41	ug/Kg	2	☼	8270E	Total/NA
Dibenz(a,h)anthracene	330		120	44	ug/Kg	2	☼	8270E	Total/NA
Fluoranthene	4000		120	41	ug/Kg	2	☼	8270E	Total/NA
Fluorene	78	J	120	41	ug/Kg	2	☼	8270E	Total/NA
Indeno[1,2,3-cd]pyrene	1200		120	35	ug/Kg	2	☼	8270E	Total/NA
Naphthalene	120		120	38	ug/Kg	2	☼	8270E	Total/NA
Phenanthrene	1400		120	38	ug/Kg	2	☼	8270E	Total/NA
Pyrene	3200		120	46	ug/Kg	2	☼	8270E	Total/NA
Aroclor-1254	37	J	75	32	ug/Kg	1	☼	8082A	Total/NA
Arsenic	11		2.2	0.47	mg/Kg	1	☼	6010D	Total/NA
Barium	150		30	0.19	mg/Kg	1	☼	6010D	Total/NA
Cadmium	0.90		0.74	0.071	mg/Kg	1	☼	6010D	Total/NA
Chromium	64		1.5	0.51	mg/Kg	1	☼	6010D	Total/NA
Copper	27		3.7	1.0	mg/Kg	1	☼	6010D	Total/NA
Lead	54		1.5	0.42	mg/Kg	1	☼	6010D	Total/NA
Selenium	1.1	J	3.0	0.69	mg/Kg	1	☼	6010D	Total/NA

This Detection Summary does not include radiochemical test results.

Client Sample ID: T500-E-0.0 (Continued)

Lab Sample ID: 240-212357-7

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Silver	0.30	J	1.5	0.12	mg/Kg	1	☼	6010D	Total/NA
Zinc	3400		37	27	mg/Kg	5	☼	6010D	Total/NA
Mercury	0.083	J	0.18	0.032	mg/Kg	1	☼	7471B	Total/NA
Cyanide, Total	370		47	37	mg/Kg	25	☼	9012B	Total/NA

Client Sample ID: T500-W-0.0

Lab Sample ID: 240-212357-8

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
2-Methylnaphthalene	57	J	59	19	ug/Kg	1	☼	8270E	Total/NA
Acenaphthene	30	J	59	21	ug/Kg	1	☼	8270E	Total/NA
Acenaphthylene	40	J	59	22	ug/Kg	1	☼	8270E	Total/NA
Anthracene	83		59	18	ug/Kg	1	☼	8270E	Total/NA
Benzo[a]anthracene	470		59	22	ug/Kg	1	☼	8270E	Total/NA
Benzo[a]pyrene	640		59	21	ug/Kg	1	☼	8270E	Total/NA
Benzo[b]fluoranthene	1400		59	18	ug/Kg	1	☼	8270E	Total/NA
Benzo[g,h,i]perylene	370		59	40	ug/Kg	1	☼	8270E	Total/NA
Benzo[k]fluoranthene	440		59	15	ug/Kg	1	☼	8270E	Total/NA
Bis(2-ethylhexyl) phthalate	97	J	220	83	ug/Kg	1	☼	8270E	Total/NA
Carbazole	110	J	150	40	ug/Kg	1	☼	8270E	Total/NA
Chrysene	780		59	21	ug/Kg	1	☼	8270E	Total/NA
Dibenz(a,h)anthracene	110		59	22	ug/Kg	1	☼	8270E	Total/NA
Fluoranthene	1400		59	21	ug/Kg	1	☼	8270E	Total/NA
Fluorene	27	J	59	21	ug/Kg	1	☼	8270E	Total/NA
Indeno[1,2,3-cd]pyrene	350		59	18	ug/Kg	1	☼	8270E	Total/NA
Naphthalene	53	J	59	19	ug/Kg	1	☼	8270E	Total/NA
Phenanthrene	500		59	19	ug/Kg	1	☼	8270E	Total/NA
Pyrene	1100		59	24	ug/Kg	1	☼	8270E	Total/NA
3 & 4 Methylphenol	84	J	590	61	ug/Kg	1	☼	8270E	Total/NA
Arsenic	14		1.7	0.36	mg/Kg	1	☼	6010D	Total/NA
Barium	110		23	0.14	mg/Kg	1	☼	6010D	Total/NA
Cadmium	0.60		0.57	0.054	mg/Kg	1	☼	6010D	Total/NA
Chromium	33		1.1	0.39	mg/Kg	1	☼	6010D	Total/NA
Copper	17		2.8	0.79	mg/Kg	1	☼	6010D	Total/NA
Lead	44		1.1	0.32	mg/Kg	1	☼	6010D	Total/NA
Selenium	0.98	J	2.3	0.53	mg/Kg	1	☼	6010D	Total/NA
Zinc	2600		28	20	mg/Kg	5	☼	6010D	Total/NA
Mercury	0.078	J	0.16	0.030	mg/Kg	1	☼	7471B	Total/NA
Cyanide, Total	540		43	34	mg/Kg	25	☼	9012B	Total/NA

Client Sample ID: DUP-1-20241003

Lab Sample ID: 240-212357-9

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
2-Methylnaphthalene	130		100	34	ug/Kg	2	☼	8270E	Total/NA
Acenaphthene	76	J	100	36	ug/Kg	2	☼	8270E	Total/NA
Acenaphthylene	73	J	100	39	ug/Kg	2	☼	8270E	Total/NA
Acetophenone	66	J	260	65	ug/Kg	2	☼	8270E	Total/NA
Anthracene	230		100	31	ug/Kg	2	☼	8270E	Total/NA
Benzaldehyde	150	J	850	140	ug/Kg	2	☼	8270E	Total/NA
Benzo[a]anthracene	1200		100	39	ug/Kg	2	☼	8270E	Total/NA
Benzo[a]pyrene	1800		100	36	ug/Kg	2	☼	8270E	Total/NA
Benzo[b]fluoranthene	3300		100	31	ug/Kg	2	☼	8270E	Total/NA
Benzo[g,h,i]perylene	1100		100	70	ug/Kg	2	☼	8270E	Total/NA

This Detection Summary does not include radiochemical test results.

Client Sample ID: DUP-1-20241003 (Continued)

Lab Sample ID: 240-212357-9

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Benzo[k]fluoranthene	1100		100	26	ug/Kg	2	☼	8270E	Total/NA
Bis(2-ethylhexyl) phthalate	180	J	390	140	ug/Kg	2	☼	8270E	Total/NA
Carbazole	230	J	260	70	ug/Kg	2	☼	8270E	Total/NA
Chrysene	1900		100	36	ug/Kg	2	☼	8270E	Total/NA
Dibenz(a,h)anthracene	250		100	39	ug/Kg	2	☼	8270E	Total/NA
Fluoranthene	3500		100	36	ug/Kg	2	☼	8270E	Total/NA
Fluorene	78	J	100	36	ug/Kg	2	☼	8270E	Total/NA
Indeno[1,2,3-cd]pyrene	980		100	31	ug/Kg	2	☼	8270E	Total/NA
Naphthalene	120		100	34	ug/Kg	2	☼	8270E	Total/NA
Phenanthrene	1300		100	34	ug/Kg	2	☼	8270E	Total/NA
Pyrene	2700		100	41	ug/Kg	2	☼	8270E	Total/NA
Aroclor-1248	53	J	63	21	ug/Kg	1	☼	8082A	Total/NA
Arsenic	11		1.4	0.29	mg/Kg	1	☼	6010D	Total/NA
Barium	92		19	0.12	mg/Kg	1	☼	6010D	Total/NA
Cadmium	0.53		0.47	0.045	mg/Kg	1	☼	6010D	Total/NA
Chromium	32		0.93	0.32	mg/Kg	1	☼	6010D	Total/NA
Copper	4.4		2.3	0.65	mg/Kg	1	☼	6010D	Total/NA
Lead	48		0.93	0.26	mg/Kg	1	☼	6010D	Total/NA
Selenium	0.54	J	1.9	0.44	mg/Kg	1	☼	6010D	Total/NA
Silver	0.10	J	0.93	0.075	mg/Kg	1	☼	6010D	Total/NA
Zinc	3500		47	34	mg/Kg	10	☼	6010D	Total/NA
Mercury	0.042	J	0.13	0.023	mg/Kg	1	☼	7471B	Total/NA
Cyanide, Total	530		41	32	mg/Kg	25	☼	9012B	Total/NA

Client Sample ID: T625-W-0.0

Lab Sample ID: 240-212357-10

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
2-Butanone (MEK)	8.0	J	28	5.0	ug/Kg	1	☼	8260D	Total/NA
2-Methylnaphthalene	81		59	19	ug/Kg	1	☼	8270E	Total/NA
Acenaphthene	35	J	59	21	ug/Kg	1	☼	8270E	Total/NA
Acenaphthylene	40	J	59	22	ug/Kg	1	☼	8270E	Total/NA
Anthracene	110		59	18	ug/Kg	1	☼	8270E	Total/NA
Benzaldehyde	88	J	490	83	ug/Kg	1	☼	8270E	Total/NA
Benzo[a]anthracene	510		59	22	ug/Kg	1	☼	8270E	Total/NA
Benzo[a]pyrene	790		59	21	ug/Kg	1	☼	8270E	Total/NA
Benzo[b]fluoranthene	1600		59	18	ug/Kg	1	☼	8270E	Total/NA
Benzo[g,h,i]perylene	520		59	40	ug/Kg	1	☼	8270E	Total/NA
Benzo[k]fluoranthene	550		59	15	ug/Kg	1	☼	8270E	Total/NA
Carbazole	150		150	40	ug/Kg	1	☼	8270E	Total/NA
Chrysene	940		59	21	ug/Kg	1	☼	8270E	Total/NA
Dibenz(a,h)anthracene	110		59	22	ug/Kg	1	☼	8270E	Total/NA
Dibenzofuran	43	J	150	43	ug/Kg	1	☼	8270E	Total/NA
Fluoranthene	1700		59	21	ug/Kg	1	☼	8270E	Total/NA
Fluorene	39	J	59	21	ug/Kg	1	☼	8270E	Total/NA
Indeno[1,2,3-cd]pyrene	470		59	18	ug/Kg	1	☼	8270E	Total/NA
Naphthalene	74		59	19	ug/Kg	1	☼	8270E	Total/NA
Phenanthrene	630		59	19	ug/Kg	1	☼	8270E	Total/NA
Pyrene	1300		59	24	ug/Kg	1	☼	8270E	Total/NA
3 & 4 Methylphenol	110	J	590	61	ug/Kg	1	☼	8270E	Total/NA
Arsenic	14		1.9	0.39	mg/Kg	1	☼	6010D	Total/NA
Barium	96		25	0.16	mg/Kg	1	☼	6010D	Total/NA

This Detection Summary does not include radiochemical test results.

Client Sample ID: T625-W-0.0 (Continued)

Lab Sample ID: 240-212357-10

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Cadmium	0.53	J	0.62	0.059	mg/Kg	1	☼	6010D	Total/NA
Chromium	32		1.2	0.42	mg/Kg	1	☼	6010D	Total/NA
Copper	11		3.1	0.87	mg/Kg	1	☼	6010D	Total/NA
Lead	40		1.2	0.35	mg/Kg	1	☼	6010D	Total/NA
Selenium	0.80	J	2.5	0.58	mg/Kg	1	☼	6010D	Total/NA
Silver	0.11	J	1.2	0.10	mg/Kg	1	☼	6010D	Total/NA
Zinc	3700		62	45	mg/Kg	10	☼	6010D	Total/NA
Mercury	0.068	J	0.15	0.028	mg/Kg	1	☼	7471B	Total/NA
Cyanide, Total	740		53	42	mg/Kg	25	☼	9012B	Total/NA

Client Sample ID: T625-C-0.0

Lab Sample ID: 240-212357-11

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
2-Methylnaphthalene	140		140	46	ug/Kg	2.5	☼	8270E	Total/NA
Benzo[a]pyrene	60	J	140	49	ug/Kg	2.5	☼	8270E	Total/NA
Benzo[b]fluoranthene	120	J	140	42	ug/Kg	2.5	☼	8270E	Total/NA
Fluoranthene	130	J	140	49	ug/Kg	2.5	☼	8270E	Total/NA
Naphthalene	110	J	140	46	ug/Kg	2.5	☼	8270E	Total/NA
Phenanthrene	140		140	46	ug/Kg	2.5	☼	8270E	Total/NA
Pyrene	90	J	140	57	ug/Kg	2.5	☼	8270E	Total/NA
3 & 4 Methylphenol	140	J	1400	140	ug/Kg	2.5	☼	8270E	Total/NA
Arsenic	15		2.0	0.41	mg/Kg	1	☼	6010D	Total/NA
Barium	100		26	0.16	mg/Kg	1	☼	6010D	Total/NA
Cadmium	0.28	J	0.65	0.063	mg/Kg	1	☼	6010D	Total/NA
Chromium	18		1.3	0.45	mg/Kg	1	☼	6010D	Total/NA
Copper	3.7		3.3	0.91	mg/Kg	1	☼	6010D	Total/NA
Lead	30		1.3	0.37	mg/Kg	1	☼	6010D	Total/NA
Silver	0.11	J	1.3	0.11	mg/Kg	1	☼	6010D	Total/NA
Zinc	12000		130	94	mg/Kg	20	☼	6010D	Total/NA
Mercury	0.037	J	0.17	0.030	mg/Kg	1	☼	7471B	Total/NA
Cyanide, Total	160		16	13	mg/Kg	25	☼	9012B	Total/NA

Client Sample ID: T750-E-0.0

Lab Sample ID: 240-212357-12

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
2-Methylnaphthalene	48	J	65	21	ug/Kg	1	☼	8270E	Total/NA
Acenaphthene	23	J	65	23	ug/Kg	1	☼	8270E	Total/NA
Anthracene	58	J	65	19	ug/Kg	1	☼	8270E	Total/NA
Benzo[a]anthracene	290		65	24	ug/Kg	1	☼	8270E	Total/NA
Benzo[a]pyrene	400		65	23	ug/Kg	1	☼	8270E	Total/NA
Benzo[b]fluoranthene	760		65	19	ug/Kg	1	☼	8270E	Total/NA
Benzo[g,h,i]perylene	230		65	44	ug/Kg	1	☼	8270E	Total/NA
Benzo[k]fluoranthene	210		65	16	ug/Kg	1	☼	8270E	Total/NA
Carbazole	81	J	160	44	ug/Kg	1	☼	8270E	Total/NA
Chrysene	490		65	23	ug/Kg	1	☼	8270E	Total/NA
Dibenz(a,h)anthracene	68		65	24	ug/Kg	1	☼	8270E	Total/NA
Fluoranthene	900		65	23	ug/Kg	1	☼	8270E	Total/NA
Indeno[1,2,3-cd]pyrene	190		65	19	ug/Kg	1	☼	8270E	Total/NA
Naphthalene	43	J	65	21	ug/Kg	1	☼	8270E	Total/NA
Phenanthrene	350		65	21	ug/Kg	1	☼	8270E	Total/NA
Pyrene	710		65	26	ug/Kg	1	☼	8270E	Total/NA
Arsenic	13		2.2	0.46	mg/Kg	1	☼	6010D	Total/NA

This Detection Summary does not include radiochemical test results.

Client Sample ID: T750-E-0.0 (Continued)

Lab Sample ID: 240-212357-12

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Barium	85		29	0.18	mg/Kg	1	☼	6010D	Total/NA
Cadmium	0.44	J	0.72	0.069	mg/Kg	1	☼	6010D	Total/NA
Chromium	20		1.4	0.50	mg/Kg	1	☼	6010D	Total/NA
Copper	27		3.6	1.0	mg/Kg	1	☼	6010D	Total/NA
Lead	29		1.4	0.41	mg/Kg	1	☼	6010D	Total/NA
Silver	0.16	J	1.4	0.12	mg/Kg	1	☼	6010D	Total/NA
Zinc	420		7.2	5.2	mg/Kg	1	☼	6010D	Total/NA
Mercury	0.056	J	0.17	0.031	mg/Kg	1	☼	7471B	Total/NA
Cyanide, Total	20		0.86	0.68	mg/Kg	1	☼	9012B	Total/NA

Client Sample ID: T750-W-0.0

Lab Sample ID: 240-212357-13

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
2-Methylnaphthalene	83		57	19	ug/Kg	1	☼	8270E	Total/NA
Acenaphthene	34	J	57	20	ug/Kg	1	☼	8270E	Total/NA
Anthracene	120		57	17	ug/Kg	1	☼	8270E	Total/NA
Benzo[a]anthracene	660		57	22	ug/Kg	1	☼	8270E	Total/NA
Benzo[a]pyrene	940		57	20	ug/Kg	1	☼	8270E	Total/NA
Benzo[b]fluoranthene	1900		57	17	ug/Kg	1	☼	8270E	Total/NA
Benzo[g,h,i]perylene	610		57	39	ug/Kg	1	☼	8270E	Total/NA
Benzo[k]fluoranthene	650		57	14	ug/Kg	1	☼	8270E	Total/NA
Bis(2-ethylhexyl) phthalate	120	J	220	80	ug/Kg	1	☼	8270E	Total/NA
Carbazole	120	J	140	39	ug/Kg	1	☼	8270E	Total/NA
Chrysene	1100		57	20	ug/Kg	1	☼	8270E	Total/NA
Dibenz(a,h)anthracene	130		57	22	ug/Kg	1	☼	8270E	Total/NA
Dibenzofuran	42	J	140	42	ug/Kg	1	☼	8270E	Total/NA
Fluoranthene	1700		57	20	ug/Kg	1	☼	8270E	Total/NA
Fluorene	40	J	57	20	ug/Kg	1	☼	8270E	Total/NA
Indeno[1,2,3-cd]pyrene	550		57	17	ug/Kg	1	☼	8270E	Total/NA
Naphthalene	65		57	19	ug/Kg	1	☼	8270E	Total/NA
Phenanthrene	610		57	19	ug/Kg	1	☼	8270E	Total/NA
Pyrene	1400		57	23	ug/Kg	1	☼	8270E	Total/NA
Arsenic	12		2.1	0.43	mg/Kg	1	☼	6010D	Total/NA
Barium	85		27	0.17	mg/Kg	1	☼	6010D	Total/NA
Cadmium	0.54	J	0.68	0.066	mg/Kg	1	☼	6010D	Total/NA
Chromium	24		1.4	0.47	mg/Kg	1	☼	6010D	Total/NA
Copper	24		3.4	0.96	mg/Kg	1	☼	6010D	Total/NA
Lead	37		1.4	0.39	mg/Kg	1	☼	6010D	Total/NA
Selenium	1.1	J	2.7	0.64	mg/Kg	1	☼	6010D	Total/NA
Silver	0.12	J	1.4	0.11	mg/Kg	1	☼	6010D	Total/NA
Zinc	1200		6.8	5.0	mg/Kg	1	☼	6010D	Total/NA
Mercury	0.059	J	0.16	0.029	mg/Kg	1	☼	7471B	Total/NA
Cyanide, Total	39		3.3	2.6	mg/Kg	5	☼	9012B	Total/NA

Client Sample ID: T625-E-0.0

Lab Sample ID: 240-212357-14

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
2-Methylnaphthalene	40	J	55	18	ug/Kg	1	☼	8270E	Total/NA
Anthracene	39	J	55	17	ug/Kg	1	☼	8270E	Total/NA
Benzo[a]anthracene	210		55	21	ug/Kg	1	☼	8270E	Total/NA
Benzo[a]pyrene	260		55	19	ug/Kg	1	☼	8270E	Total/NA
Benzo[b]fluoranthene	470		55	17	ug/Kg	1	☼	8270E	Total/NA

This Detection Summary does not include radiochemical test results.

Client Sample ID: T625-E-0.0 (Continued)

Lab Sample ID: 240-212357-14

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Benzo[g,h,i]perylene	240		55	37	ug/Kg	1	☼	8270E	Total/NA
Benzo[k]fluoranthene	160		55	14	ug/Kg	1	☼	8270E	Total/NA
Carbazole	55	J	140	37	ug/Kg	1	☼	8270E	Total/NA
Chrysene	340		55	19	ug/Kg	1	☼	8270E	Total/NA
Dibenz(a,h)anthracene	55		55	21	ug/Kg	1	☼	8270E	Total/NA
Fluoranthene	540		55	19	ug/Kg	1	☼	8270E	Total/NA
Indeno[1,2,3-cd]pyrene	190		55	17	ug/Kg	1	☼	8270E	Total/NA
Naphthalene	32	J	55	18	ug/Kg	1	☼	8270E	Total/NA
Phenanthrene	200		55	18	ug/Kg	1	☼	8270E	Total/NA
Pyrene	440		55	22	ug/Kg	1	☼	8270E	Total/NA
Arsenic	11		1.4	0.30	mg/Kg	1	☼	6010D	Total/NA
Barium	60		19	0.12	mg/Kg	1	☼	6010D	Total/NA
Cadmium	0.41	J	0.48	0.046	mg/Kg	1	☼	6010D	Total/NA
Chromium	17		0.96	0.33	mg/Kg	1	☼	6010D	Total/NA
Copper	26		2.4	0.67	mg/Kg	1	☼	6010D	Total/NA
Lead	26		0.96	0.27	mg/Kg	1	☼	6010D	Total/NA
Selenium	0.87	J	1.9	0.45	mg/Kg	1	☼	6010D	Total/NA
Zinc	210		4.8	3.5	mg/Kg	1	☼	6010D	Total/NA
Mercury	0.083	J	0.13	0.023	mg/Kg	1	☼	7471B	Total/NA
Cyanide, Total	10		0.70	0.56	mg/Kg	1	☼	9012B	Total/NA

Client Sample ID: DUP-2-20241003

Lab Sample ID: 240-212357-15

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
2-Methylnaphthalene	96		57	19	ug/Kg	1	☼	8270E	Total/NA
Acenaphthene	37	J	57	20	ug/Kg	1	☼	8270E	Total/NA
Acenaphthylene	55	J	57	21	ug/Kg	1	☼	8270E	Total/NA
Anthracene	110		57	17	ug/Kg	1	☼	8270E	Total/NA
Benzo[a]anthracene	630		57	21	ug/Kg	1	☼	8270E	Total/NA
Benzo[a]pyrene	920		57	20	ug/Kg	1	☼	8270E	Total/NA
Benzo[b]fluoranthene	1900		57	17	ug/Kg	1	☼	8270E	Total/NA
Benzo[g,h,i]perylene	590		57	39	ug/Kg	1	☼	8270E	Total/NA
Benzo[k]fluoranthene	490		57	14	ug/Kg	1	☼	8270E	Total/NA
Bis(2-ethylhexyl) phthalate	130	J	210	80	ug/Kg	1	☼	8270E	Total/NA
Carbazole	120	J	140	39	ug/Kg	1	☼	8270E	Total/NA
Chrysene	1000		57	20	ug/Kg	1	☼	8270E	Total/NA
Dibenz(a,h)anthracene	130		57	21	ug/Kg	1	☼	8270E	Total/NA
Dibenzofuran	46	J	140	41	ug/Kg	1	☼	8270E	Total/NA
Fluoranthene	1600		57	20	ug/Kg	1	☼	8270E	Total/NA
Fluorene	34	J	57	20	ug/Kg	1	☼	8270E	Total/NA
Indeno[1,2,3-cd]pyrene	500		57	17	ug/Kg	1	☼	8270E	Total/NA
Naphthalene	72		57	19	ug/Kg	1	☼	8270E	Total/NA
Phenanthrene	580		57	19	ug/Kg	1	☼	8270E	Total/NA
Pyrene	1300		57	23	ug/Kg	1	☼	8270E	Total/NA
Arsenic	12		2.0	0.41	mg/Kg	1	☼	6010D	Total/NA
Barium	86		26	0.16	mg/Kg	1	☼	6010D	Total/NA
Cadmium	0.48	J	0.65	0.063	mg/Kg	1	☼	6010D	Total/NA
Chromium	26		1.3	0.45	mg/Kg	1	☼	6010D	Total/NA
Copper	27		3.3	0.92	mg/Kg	1	☼	6010D	Total/NA
Lead	37		1.3	0.37	mg/Kg	1	☼	6010D	Total/NA
Selenium	0.79	J	2.6	0.61	mg/Kg	1	☼	6010D	Total/NA

This Detection Summary does not include radiochemical test results.

Client Sample ID: DUP-2-20241003 (Continued)
Lab Sample ID: 240-212357-15

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Zinc	890		6.5	4.7	mg/Kg	1	☼	6010D	Total/NA
Mercury	0.060	J	0.13	0.023	mg/Kg	1	☼	7471B	Total/NA
Cyanide, Total	43		4.0	3.2	mg/Kg	5	☼	9012B	Total/NA

Client Sample ID: TB-2-20241003
Lab Sample ID: 240-212357-16

No Detections.

This Detection Summary does not include radiochemical test results.

Client: August Mack Environmental, Inc.
Project/Site: MSC Canfield - Soil

Job ID: 240-212357-1

Client Sample ID: T125-C-0.0
Date Collected: 10/03/24 09:30
Date Received: 10/03/24 12:00

Lab Sample ID: 240-212357-1
Matrix: Solid
Percent Solids: 64.7

Method: SW846 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		7.3	2.6	ug/Kg	☼	10/04/24 11:04	10/04/24 18:16	1
1,1,2,2-Tetrachloroethane	ND		7.3	2.1	ug/Kg	☼	10/04/24 11:04	10/04/24 18:16	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		7.3	1.9	ug/Kg	☼	10/04/24 11:04	10/04/24 18:16	1
1,1,2-Trichloroethane	ND		7.3	1.6	ug/Kg	☼	10/04/24 11:04	10/04/24 18:16	1
1,1-Dichloroethane	ND		7.3	2.1	ug/Kg	☼	10/04/24 11:04	10/04/24 18:16	1
1,1-Dichloroethene	ND		7.3	2.6	ug/Kg	☼	10/04/24 11:04	10/04/24 18:16	1
1,2,4-Trichlorobenzene	ND		7.3	3.6	ug/Kg	☼	10/04/24 11:04	10/04/24 18:16	1
1,2-Dibromo-3-Chloropropane	ND		15	5.2	ug/Kg	☼	10/04/24 11:04	10/04/24 18:16	1
Ethylene Dibromide	ND		7.3	1.1	ug/Kg	☼	10/04/24 11:04	10/04/24 18:16	1
1,2-Dichlorobenzene	ND		7.3	1.6	ug/Kg	☼	10/04/24 11:04	10/04/24 18:16	1
1,2-Dichloroethane	ND		7.3	2.6	ug/Kg	☼	10/04/24 11:04	10/04/24 18:16	1
1,2-Dichloropropane	ND		7.3	1.2	ug/Kg	☼	10/04/24 11:04	10/04/24 18:16	1
1,3-Dichlorobenzene	ND		7.3	2.4	ug/Kg	☼	10/04/24 11:04	10/04/24 18:16	1
1,4-Dichlorobenzene	ND		7.3	1.3	ug/Kg	☼	10/04/24 11:04	10/04/24 18:16	1
2-Butanone (MEK)	ND		29	5.2	ug/Kg	☼	10/04/24 11:04	10/04/24 18:16	1
2-Hexanone	ND		29	5.9	ug/Kg	☼	10/04/24 11:04	10/04/24 18:16	1
4-Methyl-2-pentanone (MIBK)	ND		29	5.4	ug/Kg	☼	10/04/24 11:04	10/04/24 18:16	1
Acetone	**68**		36	30	ug/Kg	☼	10/04/24 11:04	10/04/24 18:16	1
Benzene	ND		7.3	1.0	ug/Kg	☼	10/04/24 11:04	10/04/24 18:16	1
Dichlorobromomethane	ND		7.3	2.2	ug/Kg	☼	10/04/24 11:04	10/04/24 18:16	1
Bromoform	ND		7.3	3.5	ug/Kg	☼	10/04/24 11:04	10/04/24 18:16	1
Bromomethane	ND		7.3	6.0	ug/Kg	☼	10/04/24 11:04	10/04/24 18:16	1
Carbon disulfide	**1.8**	**J**	7.3	1.7	ug/Kg	☼	10/04/24 11:04	10/04/24 18:16	1
Carbon tetrachloride	ND		7.3	4.7	ug/Kg	☼	10/04/24 11:04	10/04/24 18:16	1
Chlorobenzene	ND		7.3	1.3	ug/Kg	☼	10/04/24 11:04	10/04/24 18:16	1
Chloroethane	ND		7.3	4.0	ug/Kg	☼	10/04/24 11:04	10/04/24 18:16	1
Chloroform	ND		7.3	1.1	ug/Kg	☼	10/04/24 11:04	10/04/24 18:16	1
Chloromethane	ND		7.3	3.3	ug/Kg	☼	10/04/24 11:04	10/04/24 18:16	1
cis-1,2-Dichloroethene	ND		7.3	2.1	ug/Kg	☼	10/04/24 11:04	10/04/24 18:16	1
cis-1,3-Dichloropropene	ND		7.3	4.2	ug/Kg	☼	10/04/24 11:04	10/04/24 18:16	1
Cyclohexane	ND		15	2.0	ug/Kg	☼	10/04/24 11:04	10/04/24 18:16	1
Chlorodibromomethane	ND		7.3	4.0	ug/Kg	☼	10/04/24 11:04	10/04/24 18:16	1
Dichlorodifluoromethane	ND		7.3	3.3	ug/Kg	☼	10/04/24 11:04	10/04/24 18:16	1
Ethylbenzene	ND		7.3	1.5	ug/Kg	☼	10/04/24 11:04	10/04/24 18:16	1
Isopropylbenzene	ND		7.3	2.8	ug/Kg	☼	10/04/24 11:04	10/04/24 18:16	1
Methyl acetate	ND		36	4.9	ug/Kg	☼	10/04/24 11:04	10/04/24 18:16	1
Methyl tert-butyl ether	ND		7.3	2.9	ug/Kg	☼	10/04/24 11:04	10/04/24 18:16	1
Methylcyclohexane	ND		15	1.8	ug/Kg	☼	10/04/24 11:04	10/04/24 18:16	1
Methylene Chloride	ND		36	17	ug/Kg	☼	10/04/24 11:04	10/04/24 18:16	1
Styrene	ND		7.3	1.7	ug/Kg	☼	10/04/24 11:04	10/04/24 18:16	1
Tetrachloroethene	ND		7.3	5.6	ug/Kg	☼	10/04/24 11:04	10/04/24 18:16	1
Toluene	ND		7.3	1.1	ug/Kg	☼	10/04/24 11:04	10/04/24 18:16	1
trans-1,2-Dichloroethene	ND		7.3	2.1	ug/Kg	☼	10/04/24 11:04	10/04/24 18:16	1
trans-1,3-Dichloropropene	ND		7.3	5.4	ug/Kg	☼	10/04/24 11:04	10/04/24 18:16	1
Trichloroethene	ND		7.3	2.1	ug/Kg	☼	10/04/24 11:04	10/04/24 18:16	1
Trichlorofluoromethane	ND		7.3	3.9	ug/Kg	☼	10/04/24 11:04	10/04/24 18:16	1
Vinyl chloride	ND		7.3	2.6	ug/Kg	☼	10/04/24 11:04	10/04/24 18:16	1
Xylenes, Total	ND		15	2.3	ug/Kg	☼	10/04/24 11:04	10/04/24 18:16	1

Client: August Mack Environmental, Inc.
Project/Site: MSC Canfield - Soil

Job ID: 240-212357-1

Client Sample ID: T125-C-0.0
Date Collected: 10/03/24 09:30
Date Received: 10/03/24 12:00

Lab Sample ID: 240-212357-1
Matrix: Solid
Percent Solids: 64.7

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
Toluene-d8 (Surr)	*103*		*56 - 125*	*10/04/24 11:04*	*10/04/24 18:16*	*1*
Dibromofluoromethane (Surr)	*89*		*41 - 138*	*10/04/24 11:04*	*10/04/24 18:16*	*1*
4-Bromofluorobenzene (Surr)	*97*		*41 - 143*	*10/04/24 11:04*	*10/04/24 18:16*	*1*
1,2-Dichloroethane-d4 (Surr)	*101*		*58 - 125*	*10/04/24 11:04*	*10/04/24 18:16*	*1*

Method: SW846 8270E - Semivolatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1'-Biphenyl	ND		620	170	ug/Kg	☼	10/04/24 08:53	10/07/24 20:12	4
bis (2-chloroisopropyl) ether	ND		620	160	ug/Kg	☼	10/04/24 08:53	10/07/24 20:12	4
2,4,5-Trichlorophenol	ND		930	210	ug/Kg	☼	10/04/24 08:53	10/07/24 20:12	4
2,4,6-Trichlorophenol	ND		930	180	ug/Kg	☼	10/04/24 08:53	10/07/24 20:12	4
2,4-Dichlorophenol	ND		930	170	ug/Kg	☼	10/04/24 08:53	10/07/24 20:12	4
2,4-Dimethylphenol	ND		930	220	ug/Kg	☼	10/04/24 08:53	10/07/24 20:12	4
2,4-Dinitrophenol	ND		2100	1100	ug/Kg	☼	10/04/24 08:53	10/07/24 20:12	4
2,4-Dinitrotoluene	ND		1200	140	ug/Kg	☼	10/04/24 08:53	10/07/24 20:12	4
2,6-Dinitrotoluene	ND		1200	220	ug/Kg	☼	10/04/24 08:53	10/07/24 20:12	4
2-Chloronaphthalene	ND		620	170	ug/Kg	☼	10/04/24 08:53	10/07/24 20:12	4
2-Chlorophenol	ND		620	160	ug/Kg	☼	10/04/24 08:53	10/07/24 20:12	4
2-Methylnaphthalene	**580**		250	81	ug/Kg	☼	10/04/24 08:53	10/07/24 20:12	4
2-Methylphenol	ND		1200	260	ug/Kg	☼	10/04/24 08:53	10/07/24 20:12	4
2-Nitroaniline	ND		1200	240	ug/Kg	☼	10/04/24 08:53	10/07/24 20:12	4
2-Nitrophenol	ND		620	220	ug/Kg	☼	10/04/24 08:53	10/07/24 20:12	4
3,3'-Dichlorobenzidine	ND		930	590	ug/Kg	☼	10/04/24 08:53	10/07/24 20:12	4
3-Nitroaniline	ND		1200	220	ug/Kg	☼	10/04/24 08:53	10/07/24 20:12	4
4,6-Dinitro-2-methylphenol	ND		2100	650	ug/Kg	☼	10/04/24 08:53	10/07/24 20:12	4
4-Bromophenyl phenyl ether	ND		620	200	ug/Kg	☼	10/04/24 08:53	10/07/24 20:12	4
4-Chloro-3-methylphenol	ND		930	240	ug/Kg	☼	10/04/24 08:53	10/07/24 20:12	4
4-Chloroaniline	ND		930	100	ug/Kg	☼	10/04/24 08:53	10/07/24 20:12	4
4-Chlorophenyl phenyl ether	ND		620	170	ug/Kg	☼	10/04/24 08:53	10/07/24 20:12	4
4-Nitroaniline	ND		1200	160	ug/Kg	☼	10/04/24 08:53	10/07/24 20:12	4
4-Nitrophenol	ND		2100	560	ug/Kg	☼	10/04/24 08:53	10/07/24 20:12	4
Acenaphthene	**170**	**J**	250	87	ug/Kg	☼	10/04/24 08:53	10/07/24 20:12	4
Acenaphthylene	**130**	**J**	250	93	ug/Kg	☼	10/04/24 08:53	10/07/24 20:12	4
Acetophenone	ND		620	160	ug/Kg	☼	10/04/24 08:53	10/07/24 20:12	4
Anthracene	**490**		250	75	ug/Kg	☼	10/04/24 08:53	10/07/24 20:12	4
Atrazine	ND		2100	430	ug/Kg	☼	10/04/24 08:53	10/07/24 20:12	4
Benzaldehyde	ND		2100	350	ug/Kg	☼	10/04/24 08:53	10/07/24 20:12	4
Benzo[a]anthracene	**1900**		250	93	ug/Kg	☼	10/04/24 08:53	10/07/24 20:12	4
Benzo[a]pyrene	**2000**		250	87	ug/Kg	☼	10/04/24 08:53	10/07/24 20:12	4
Benzo[b]fluoranthene	**4200**		250	75	ug/Kg	☼	10/04/24 08:53	10/07/24 20:12	4
Benzo[g,h,i]perylene	**1200**		250	170	ug/Kg	☼	10/04/24 08:53	10/07/24 20:12	4
Benzo[k]fluoranthene	**1100**		250	62	ug/Kg	☼	10/04/24 08:53	10/07/24 20:12	4
Bis(2-chloroethoxy)methane	ND		620	120	ug/Kg	☼	10/04/24 08:53	10/07/24 20:12	4
Bis(2-chloroethyl)ether	ND		620	140	ug/Kg	☼	10/04/24 08:53	10/07/24 20:12	4
Bis(2-ethylhexyl) phthalate	ND		930	350	ug/Kg	☼	10/04/24 08:53	10/07/24 20:12	4
Butyl benzyl phthalate	ND		930	320	ug/Kg	☼	10/04/24 08:53	10/07/24 20:12	4
Caprolactam	ND		2100	430	ug/Kg	☼	10/04/24 08:53	10/07/24 20:12	4
Carbazole	**410**	**J**	620	170	ug/Kg	☼	10/04/24 08:53	10/07/24 20:12	4
Chrysene	**2600**		250	87	ug/Kg	☼	10/04/24 08:53	10/07/24 20:12	4
Dibenz(a,h)anthracene	**310**		250	93	ug/Kg	☼	10/04/24 08:53	10/07/24 20:12	4

Client Sample ID: T125-C-0.0
Date Collected: 10/03/24 09:30
Date Received: 10/03/24 12:00

Lab Sample ID: 240-212357-1
Matrix: Solid
Percent Solids: 64.7

Method: SW846 8270E - Semivolatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Dibenzofuran	**190**	**J**	620	180	ug/Kg	☼	10/04/24 08:53	10/07/24 20:12	4
Diethyl phthalate	ND		930	270	ug/Kg	☼	10/04/24 08:53	10/07/24 20:12	4
Dimethyl phthalate	ND		930	250	ug/Kg	☼	10/04/24 08:53	10/07/24 20:12	4
Di-n-butyl phthalate	ND		930	320	ug/Kg	☼	10/04/24 08:53	10/07/24 20:12	4
Di-n-octyl phthalate	ND		930	310	ug/Kg	☼	10/04/24 08:53	10/07/24 20:12	4
Fluoranthene	**4900**		250	87	ug/Kg	☼	10/04/24 08:53	10/07/24 20:12	4
Fluorene	**180**	**J**	250	87	ug/Kg	☼	10/04/24 08:53	10/07/24 20:12	4
Hexachlorobenzene	ND		250	87	ug/Kg	☼	10/04/24 08:53	10/07/24 20:12	4
Hexachlorobutadiene	ND		620	130	ug/Kg	☼	10/04/24 08:53	10/07/24 20:12	4
Hexachlorocyclopentadiene	ND		2100	240	ug/Kg	☼	10/04/24 08:53	10/07/24 20:12	4
Hexachloroethane	ND		620	200	ug/Kg	☼	10/04/24 08:53	10/07/24 20:12	4
Indeno[1,2,3-cd]pyrene	**1100**		250	75	ug/Kg	☼	10/04/24 08:53	10/07/24 20:12	4
Isophorone	ND		620	160	ug/Kg	☼	10/04/24 08:53	10/07/24 20:12	4
N-Nitrosodi-n-propylamine	ND		620	230	ug/Kg	☼	10/04/24 08:53	10/07/24 20:12	4
N-Nitrosodiphenylamine	ND		620	170	ug/Kg	☼	10/04/24 08:53	10/07/24 20:12	4
Naphthalene	**490**		250	81	ug/Kg	☼	10/04/24 08:53	10/07/24 20:12	4
Nitrobenzene	ND		620	140	ug/Kg	☼	10/04/24 08:53	10/07/24 20:12	4
Pentachlorophenol	ND		1700	650	ug/Kg	☼	10/04/24 08:53	10/07/24 20:12	4
Phenanthrene	**2300**		250	81	ug/Kg	☼	10/04/24 08:53	10/07/24 20:12	4
Phenol	ND		620	240	ug/Kg	☼	10/04/24 08:53	10/07/24 20:12	4
Pyrene	**3800**		250	100	ug/Kg	☼	10/04/24 08:53	10/07/24 20:12	4
3 & 4 Methylphenol	ND		2500	260	ug/Kg	☼	10/04/24 08:53	10/07/24 20:12	4

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Terphenyl-d14 (Surr)	*66*		*37 - 120*	*10/04/24 08:53*	*10/07/24 20:12*	*4*
Phenol-d5 (Surr)	*73*		*29 - 120*	*10/04/24 08:53*	*10/07/24 20:12*	*4*
Nitrobenzene-d5 (Surr)	*65*		*28 - 120*	*10/04/24 08:53*	*10/07/24 20:12*	*4*
2-Fluorophenol (Surr)	*64*		*26 - 120*	*10/04/24 08:53*	*10/07/24 20:12*	*4*
2-Fluorobiphenyl (Surr)	*77*		*36 - 120*	*10/04/24 08:53*	*10/07/24 20:12*	*4*
2,4,6-Tribromophenol (Surr)	*46*		*10 - 120*	*10/04/24 08:53*	*10/07/24 20:12*	*4*

Method: SW846 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aroclor-1016	ND		75	37	ug/Kg	☼	10/04/24 08:58	10/04/24 17:26	1
Aroclor-1221	ND		75	45	ug/Kg	☼	10/04/24 08:58	10/04/24 17:26	1
Aroclor-1232	ND		75	31	ug/Kg	☼	10/04/24 08:58	10/04/24 17:26	1
Aroclor-1242	**120**		75	28	ug/Kg	☼	10/04/24 08:58	10/04/24 17:26	1
Aroclor-1248	ND		75	25	ug/Kg	☼	10/04/24 08:58	10/04/24 17:26	1
Aroclor-1254	**40**	**J**	75	31	ug/Kg	☼	10/04/24 08:58	10/04/24 17:26	1
Aroclor-1260	ND		75	31	ug/Kg	☼	10/04/24 08:58	10/04/24 17:26	1
Aroclor-1262	ND		75	33	ug/Kg	☼	10/04/24 08:58	10/04/24 17:26	1
Aroclor-1268	ND		75	24	ug/Kg	☼	10/04/24 08:58	10/04/24 17:26	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Tetrachloro-m-xylene	*68*		*10 - 149*	*10/04/24 08:58*	*10/04/24 17:26*	*1*
DCB Decachlorobiphenyl	*76*		*10 - 174*	*10/04/24 08:58*	*10/04/24 17:26*	*1*

Method: SW846 6010D - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	**12**		2.1	0.44	mg/Kg	☼	10/04/24 15:00	10/05/24 23:04	1

Client: August Mack Environmental, Inc.
Job ID: 240-212357-1
Project/Site: MSC Canfield - Soil

Client Sample ID: T125-C-0.0
Lab Sample ID: 240-212357-1
Date Collected: 10/03/24 09:30
Matrix: Solid
Date Received: 10/03/24 12:00
Percent Solids: 64.7

Method: SW846 6010D - Metals (ICP) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Barium	160		28	0.18	mg/Kg	☼	10/04/24 15:00	10/05/24 23:04	1
Cadmium	0.67	J	0.70	0.067	mg/Kg	☼	10/04/24 15:00	10/05/24 23:04	1
Chromium	42		1.4	0.48	mg/Kg	☼	10/04/24 15:00	10/05/24 23:04	1
Copper	4.7		3.5	0.99	mg/Kg	☼	10/04/24 15:00	10/05/24 23:04	1
Lead	46		1.4	0.40	mg/Kg	☼	10/04/24 15:00	10/05/24 23:04	1
Selenium	ND		2.8	0.66	mg/Kg	☼	10/04/24 15:00	10/05/24 23:04	1
Silver	0.24	J	1.4	0.11	mg/Kg	☼	10/04/24 15:00	10/05/24 23:04	1
Zinc	6700		70	51	mg/Kg	☼	10/04/24 15:00	10/06/24 16:14	10

Method: SW846 7471B - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.072	J	0.18	0.032	mg/Kg	☼	10/04/24 15:00	10/07/24 11:09	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cyanide, Total (SW846 9012B)	780		48	38	mg/Kg	☼	10/07/24 08:58	10/07/24 14:12	25

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Solids (EPA Moisture)	64.7		0.1	0.1	%			10/03/24 19:07	1
Percent Moisture (EPA Moisture)	35.3		0.1	0.1	%			10/03/24 19:07	1

Client: August Mack Environmental, Inc.
Project/Site: MSC Canfield - Soil

Job ID: 240-212357-1

Client Sample ID: T250-E-0.0
Date Collected: 10/03/24 09:45
Date Received: 10/03/24 12:00

Lab Sample ID: 240-212357-2
Matrix: Solid
Percent Solids: 72.5

Method: SW846 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		6.9	2.4	ug/Kg	☼	10/04/24 11:04	10/04/24 18:36	1
1,1,2,2-Tetrachloroethane	ND		6.9	2.0	ug/Kg	☼	10/04/24 11:04	10/04/24 18:36	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		6.9	1.8	ug/Kg	☼	10/04/24 11:04	10/04/24 18:36	1
1,1,2-Trichloroethane	ND		6.9	1.6	ug/Kg	☼	10/04/24 11:04	10/04/24 18:36	1
1,1-Dichloroethane	ND		6.9	1.9	ug/Kg	☼	10/04/24 11:04	10/04/24 18:36	1
1,1-Dichloroethene	ND		6.9	2.5	ug/Kg	☼	10/04/24 11:04	10/04/24 18:36	1
1,2,4-Trichlorobenzene	ND		6.9	3.4	ug/Kg	☼	10/04/24 11:04	10/04/24 18:36	1
1,2-Dibromo-3-Chloropropane	ND		14	4.9	ug/Kg	☼	10/04/24 11:04	10/04/24 18:36	1
Ethylene Dibromide	ND		6.9	1.1	ug/Kg	☼	10/04/24 11:04	10/04/24 18:36	1
1,2-Dichlorobenzene	ND		6.9	1.5	ug/Kg	☼	10/04/24 11:04	10/04/24 18:36	1
1,2-Dichloroethane	ND		6.9	2.5	ug/Kg	☼	10/04/24 11:04	10/04/24 18:36	1
1,2-Dichloropropane	ND		6.9	1.2	ug/Kg	☼	10/04/24 11:04	10/04/24 18:36	1
1,3-Dichlorobenzene	ND		6.9	2.3	ug/Kg	☼	10/04/24 11:04	10/04/24 18:36	1
1,4-Dichlorobenzene	ND		6.9	1.2	ug/Kg	☼	10/04/24 11:04	10/04/24 18:36	1
2-Butanone (MEK)	ND		27	4.9	ug/Kg	☼	10/04/24 11:04	10/04/24 18:36	1
2-Hexanone	ND		27	5.6	ug/Kg	☼	10/04/24 11:04	10/04/24 18:36	1
4-Methyl-2-pentanone (MIBK)	ND		27	5.1	ug/Kg	☼	10/04/24 11:04	10/04/24 18:36	1
Acetone	ND		34	29	ug/Kg	☼	10/04/24 11:04	10/04/24 18:36	1
Benzene	ND		6.9	0.96	ug/Kg	☼	10/04/24 11:04	10/04/24 18:36	1
Dichlorobromomethane	ND		6.9	2.1	ug/Kg	☼	10/04/24 11:04	10/04/24 18:36	1
Bromoform	ND		6.9	3.3	ug/Kg	☼	10/04/24 11:04	10/04/24 18:36	1
Bromomethane	ND		6.9	5.7	ug/Kg	☼	10/04/24 11:04	10/04/24 18:36	1
Carbon disulfide	ND		6.9	1.6	ug/Kg	☼	10/04/24 11:04	10/04/24 18:36	1
Carbon tetrachloride	ND		6.9	4.5	ug/Kg	☼	10/04/24 11:04	10/04/24 18:36	1
Chlorobenzene	ND		6.9	1.3	ug/Kg	☼	10/04/24 11:04	10/04/24 18:36	1
Chloroethane	ND		6.9	3.8	ug/Kg	☼	10/04/24 11:04	10/04/24 18:36	1
Chloroform	ND		6.9	1.1	ug/Kg	☼	10/04/24 11:04	10/04/24 18:36	1
Chloromethane	ND		6.9	3.1	ug/Kg	☼	10/04/24 11:04	10/04/24 18:36	1
cis-1,2-Dichloroethene	ND		6.9	2.0	ug/Kg	☼	10/04/24 11:04	10/04/24 18:36	1
cis-1,3-Dichloropropene	ND		6.9	4.0	ug/Kg	☼	10/04/24 11:04	10/04/24 18:36	1
Cyclohexane	ND		14	1.9	ug/Kg	☼	10/04/24 11:04	10/04/24 18:36	1
Chlorodibromomethane	ND		6.9	3.8	ug/Kg	☼	10/04/24 11:04	10/04/24 18:36	1
Dichlorodifluoromethane	ND		6.9	3.1	ug/Kg	☼	10/04/24 11:04	10/04/24 18:36	1
Ethylbenzene	ND		6.9	1.4	ug/Kg	☼	10/04/24 11:04	10/04/24 18:36	1
Isopropylbenzene	ND		6.9	2.6	ug/Kg	☼	10/04/24 11:04	10/04/24 18:36	1
Methyl acetate	ND		34	4.7	ug/Kg	☼	10/04/24 11:04	10/04/24 18:36	1
Methyl tert-butyl ether	ND		6.9	2.7	ug/Kg	☼	10/04/24 11:04	10/04/24 18:36	1
Methylcyclohexane	ND		14	1.7	ug/Kg	☼	10/04/24 11:04	10/04/24 18:36	1
Methylene Chloride	ND		34	16	ug/Kg	☼	10/04/24 11:04	10/04/24 18:36	1
Styrene	ND		6.9	1.6	ug/Kg	☼	10/04/24 11:04	10/04/24 18:36	1
Tetrachloroethene	ND		6.9	5.3	ug/Kg	☼	10/04/24 11:04	10/04/24 18:36	1
Toluene	ND		6.9	1.1	ug/Kg	☼	10/04/24 11:04	10/04/24 18:36	1
trans-1,2-Dichloroethene	ND		6.9	1.9	ug/Kg	☼	10/04/24 11:04	10/04/24 18:36	1
trans-1,3-Dichloropropene	ND		6.9	5.1	ug/Kg	☼	10/04/24 11:04	10/04/24 18:36	1
Trichloroethene	ND		6.9	2.0	ug/Kg	☼	10/04/24 11:04	10/04/24 18:36	1
Trichlorofluoromethane	ND		6.9	3.7	ug/Kg	☼	10/04/24 11:04	10/04/24 18:36	1
Vinyl chloride	ND		6.9	2.4	ug/Kg	☼	10/04/24 11:04	10/04/24 18:36	1
Xylenes, Total	ND		14	2.2	ug/Kg	☼	10/04/24 11:04	10/04/24 18:36	1

Client: August Mack Environmental, Inc.
Project/Site: MSC Canfield - Soil

Job ID: 240-212357-1

Client Sample ID: T250-E-0.0
Date Collected: 10/03/24 09:45
Date Received: 10/03/24 12:00

Lab Sample ID: 240-212357-2
Matrix: Solid
Percent Solids: 72.5

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Toluene-d8 (Surr)	*101*		*56 - 125*	*10/04/24 11:04*	*10/04/24 18:36*	*1*
Dibromofluoromethane (Surr)	*87*		*41 - 138*	*10/04/24 11:04*	*10/04/24 18:36*	*1*
4-Bromofluorobenzene (Surr)	*95*		*41 - 143*	*10/04/24 11:04*	*10/04/24 18:36*	*1*
1,2-Dichloroethane-d4 (Surr)	*101*		*58 - 125*	*10/04/24 11:04*	*10/04/24 18:36*	*1*

Method: SW846 8270E - Semivolatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1'-Biphenyl	ND		550	150	ug/Kg	☼	10/04/24 08:53	10/07/24 20:36	4
bis (2-chloroisopropyl) ether	ND		550	140	ug/Kg	☼	10/04/24 08:53	10/07/24 20:36	4
2,4,5-Trichlorophenol	ND		820	180	ug/Kg	☼	10/04/24 08:53	10/07/24 20:36	4
2,4,6-Trichlorophenol	ND		820	160	ug/Kg	☼	10/04/24 08:53	10/07/24 20:36	4
2,4-Dichlorophenol	ND		820	150	ug/Kg	☼	10/04/24 08:53	10/07/24 20:36	4
2,4-Dimethylphenol	ND		820	200	ug/Kg	☼	10/04/24 08:53	10/07/24 20:36	4
2,4-Dinitrophenol	ND		1800	940	ug/Kg	☼	10/04/24 08:53	10/07/24 20:36	4
2,4-Dinitrotoluene	ND		1100	130	ug/Kg	☼	10/04/24 08:53	10/07/24 20:36	4
2,6-Dinitrotoluene	ND		1100	200	ug/Kg	☼	10/04/24 08:53	10/07/24 20:36	4
2-Chloronaphthalene	ND		550	150	ug/Kg	☼	10/04/24 08:53	10/07/24 20:36	4
2-Chlorophenol	ND		550	140	ug/Kg	☼	10/04/24 08:53	10/07/24 20:36	4
2-Methylnaphthalene	**200**	**J**	220	71	ug/Kg	☼	10/04/24 08:53	10/07/24 20:36	4
2-Methylphenol	ND		1100	220	ug/Kg	☼	10/04/24 08:53	10/07/24 20:36	4
2-Nitroaniline	ND		1100	210	ug/Kg	☼	10/04/24 08:53	10/07/24 20:36	4
2-Nitrophenol	ND		550	190	ug/Kg	☼	10/04/24 08:53	10/07/24 20:36	4
3,3'-Dichlorobenzidine	ND		820	520	ug/Kg	☼	10/04/24 08:53	10/07/24 20:36	4
3-Nitroaniline	ND		1100	190	ug/Kg	☼	10/04/24 08:53	10/07/24 20:36	4
4,6-Dinitro-2-methylphenol	ND		1800	570	ug/Kg	☼	10/04/24 08:53	10/07/24 20:36	4
4-Bromophenyl phenyl ether	ND		550	180	ug/Kg	☼	10/04/24 08:53	10/07/24 20:36	4
4-Chloro-3-methylphenol	ND		820	210	ug/Kg	☼	10/04/24 08:53	10/07/24 20:36	4
4-Chloroaniline	ND		820	88	ug/Kg	☼	10/04/24 08:53	10/07/24 20:36	4
4-Chlorophenyl phenyl ether	ND		550	150	ug/Kg	☼	10/04/24 08:53	10/07/24 20:36	4
4-Nitroaniline	ND		1100	140	ug/Kg	☼	10/04/24 08:53	10/07/24 20:36	4
4-Nitrophenol	ND		1800	490	ug/Kg	☼	10/04/24 08:53	10/07/24 20:36	4
Acenaphthene	**130**	**J**	220	77	ug/Kg	☼	10/04/24 08:53	10/07/24 20:36	4
Acenaphthylene	**100**	**J**	220	82	ug/Kg	☼	10/04/24 08:53	10/07/24 20:36	4
Acetophenone	ND		550	140	ug/Kg	☼	10/04/24 08:53	10/07/24 20:36	4
Anthracene	**370**		220	66	ug/Kg	☼	10/04/24 08:53	10/07/24 20:36	4
Atrazine	ND		1800	380	ug/Kg	☼	10/04/24 08:53	10/07/24 20:36	4
Benzaldehyde	ND		1800	310	ug/Kg	☼	10/04/24 08:53	10/07/24 20:36	4
Benzo[a]anthracene	**1600**		220	82	ug/Kg	☼	10/04/24 08:53	10/07/24 20:36	4
Benzo[a]pyrene	**2000**		220	77	ug/Kg	☼	10/04/24 08:53	10/07/24 20:36	4
Benzo[b]fluoranthene	**4000**		220	66	ug/Kg	☼	10/04/24 08:53	10/07/24 20:36	4
Benzo[g,h,i]perylene	**980**		220	150	ug/Kg	☼	10/04/24 08:53	10/07/24 20:36	4
Benzo[k]fluoranthene	**1300**		220	55	ug/Kg	☼	10/04/24 08:53	10/07/24 20:36	4
Bis(2-chloroethoxy)methane	ND		550	110	ug/Kg	☼	10/04/24 08:53	10/07/24 20:36	4
Bis(2-chloroethyl)ether	ND		550	120	ug/Kg	☼	10/04/24 08:53	10/07/24 20:36	4
Bis(2-ethylhexyl) phthalate	**400**	**J**	820	310	ug/Kg	☼	10/04/24 08:53	10/07/24 20:36	4
Butyl benzyl phthalate	ND		820	280	ug/Kg	☼	10/04/24 08:53	10/07/24 20:36	4
Caprolactam	ND		1800	380	ug/Kg	☼	10/04/24 08:53	10/07/24 20:36	4
Carbazole	**320**	**J**	550	150	ug/Kg	☼	10/04/24 08:53	10/07/24 20:36	4
Chrysene	**2200**		220	77	ug/Kg	☼	10/04/24 08:53	10/07/24 20:36	4
Dibenz(a,h)anthracene	**260**		220	82	ug/Kg	☼	10/04/24 08:53	10/07/24 20:36	4

Client Sample ID: T250-E-0.0
Date Collected: 10/03/24 09:45
Date Received: 10/03/24 12:00

Lab Sample ID: 240-212357-2
Matrix: Solid
Percent Solids: 72.5

Method: SW846 8270E - Semivolatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Dibenzofuran	ND		550	160	ug/Kg	☼	10/04/24 08:53	10/07/24 20:36	4
Diethyl phthalate	ND		820	240	ug/Kg	☼	10/04/24 08:53	10/07/24 20:36	4
Dimethyl phthalate	ND		820	220	ug/Kg	☼	10/04/24 08:53	10/07/24 20:36	4
Di-n-butyl phthalate	ND		820	280	ug/Kg	☼	10/04/24 08:53	10/07/24 20:36	4
Di-n-octyl phthalate	ND		820	270	ug/Kg	☼	10/04/24 08:53	10/07/24 20:36	4
Fluoranthene	**4100**		220	77	ug/Kg	☼	10/04/24 08:53	10/07/24 20:36	4
Fluorene	**130**	**J**	220	77	ug/Kg	☼	10/04/24 08:53	10/07/24 20:36	4
Hexachlorobenzene	ND		220	77	ug/Kg	☼	10/04/24 08:53	10/07/24 20:36	4
Hexachlorobutadiene	ND		550	120	ug/Kg	☼	10/04/24 08:53	10/07/24 20:36	4
Hexachlorocyclopentadiene	ND		1800	210	ug/Kg	☼	10/04/24 08:53	10/07/24 20:36	4
Hexachloroethane	ND		550	180	ug/Kg	☼	10/04/24 08:53	10/07/24 20:36	4
Indeno[1,2,3-cd]pyrene	**800**		220	66	ug/Kg	☼	10/04/24 08:53	10/07/24 20:36	4
Isophorone	ND		550	140	ug/Kg	☼	10/04/24 08:53	10/07/24 20:36	4
N-Nitrosodi-n-propylamine	ND		550	200	ug/Kg	☼	10/04/24 08:53	10/07/24 20:36	4
N-Nitrosodiphenylamine	ND		550	150	ug/Kg	☼	10/04/24 08:53	10/07/24 20:36	4
Naphthalene	**170**	**J**	220	71	ug/Kg	☼	10/04/24 08:53	10/07/24 20:36	4
Nitrobenzene	ND		550	120	ug/Kg	☼	10/04/24 08:53	10/07/24 20:36	4
Pentachlorophenol	ND		1500	580	ug/Kg	☼	10/04/24 08:53	10/07/24 20:36	4
Phenanthrene	**1800**		220	71	ug/Kg	☼	10/04/24 08:53	10/07/24 20:36	4
Phenol	ND		550	210	ug/Kg	☼	10/04/24 08:53	10/07/24 20:36	4
Pyrene	**3200**		220	88	ug/Kg	☼	10/04/24 08:53	10/07/24 20:36	4
3 & 4 Methylphenol	ND		2200	220	ug/Kg	☼	10/04/24 08:53	10/07/24 20:36	4

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Terphenyl-d14 (Surr)	*73*		*37 - 120*	*10/04/24 08:53*	*10/07/24 20:36*	*4*
Phenol-d5 (Surr)	*83*		*29 - 120*	*10/04/24 08:53*	*10/07/24 20:36*	*4*
Nitrobenzene-d5 (Surr)	*71*		*28 - 120*	*10/04/24 08:53*	*10/07/24 20:36*	*4*
2-Fluorophenol (Surr)	*74*		*26 - 120*	*10/04/24 08:53*	*10/07/24 20:36*	*4*
2-Fluorobiphenyl (Surr)	*80*		*36 - 120*	*10/04/24 08:53*	*10/07/24 20:36*	*4*
2,4,6-Tribromophenol (Surr)	*53*		*10 - 120*	*10/04/24 08:53*	*10/07/24 20:36*	*4*

Method: SW846 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aroclor-1016	ND		68	34	ug/Kg	☼	10/04/24 08:58	10/04/24 17:40	1
Aroclor-1221	ND		68	41	ug/Kg	☼	10/04/24 08:58	10/04/24 17:40	1
Aroclor-1232	ND		68	29	ug/Kg	☼	10/04/24 08:58	10/04/24 17:40	1
Aroclor-1242	ND		68	26	ug/Kg	☼	10/04/24 08:58	10/04/24 17:40	1
Aroclor-1248	**57**	**J**	68	23	ug/Kg	☼	10/04/24 08:58	10/04/24 17:40	1
Aroclor-1254	ND		68	29	ug/Kg	☼	10/04/24 08:58	10/04/24 17:40	1
Aroclor-1260	**30**	**J**	68	29	ug/Kg	☼	10/04/24 08:58	10/04/24 17:40	1
Aroclor-1262	ND		68	30	ug/Kg	☼	10/04/24 08:58	10/04/24 17:40	1
Aroclor-1268	ND		68	22	ug/Kg	☼	10/04/24 08:58	10/04/24 17:40	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Tetrachloro-m-xylene	*72*		*10 - 149*	*10/04/24 08:58*	*10/04/24 17:40*	*1*
DCB Decachlorobiphenyl	*70*		*10 - 174*	*10/04/24 08:58*	*10/04/24 17:40*	*1*

Method: SW846 6010D - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	**13**		1.9	0.39	mg/Kg	☼	10/04/24 15:00	10/05/24 23:09	1

Client: August Mack Environmental, Inc.
Project/Site: MSC Canfield - Soil

Job ID: 240-212357-1

Client Sample ID: T250-E-0.0
Date Collected: 10/03/24 09:45
Date Received: 10/03/24 12:00

Lab Sample ID: 240-212357-2
Matrix: Solid
Percent Solids: 72.5

Method: SW846 6010D - Metals (ICP) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Barium	110		25	0.16	mg/Kg	☼	10/04/24 15:00	10/05/24 23:09	1
Cadmium	0.50	J	0.62	0.060	mg/Kg	☼	10/04/24 15:00	10/05/24 23:09	1
Chromium	28		1.2	0.43	mg/Kg	☼	10/04/24 15:00	10/05/24 23:09	1
Copper	4.2		3.1	0.87	mg/Kg	☼	10/04/24 15:00	10/05/24 23:09	1
Lead	35		1.2	0.35	mg/Kg	☼	10/04/24 15:00	10/05/24 23:09	1
Selenium	0.73	J	2.5	0.58	mg/Kg	☼	10/04/24 15:00	10/05/24 23:09	1
Silver	0.10	J	1.2	0.10	mg/Kg	☼	10/04/24 15:00	10/05/24 23:09	1
Zinc	4400		62	45	mg/Kg	☼	10/04/24 15:00	10/06/24 16:18	10

Method: SW846 7471B - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.077	J	0.14	0.025	mg/Kg	☼	10/04/24 15:00	10/07/24 11:11	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cyanide, Total (SW846 9012B)	1400		220	170	mg/Kg	☼	10/07/24 08:58	10/07/24 15:42	125

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Solids (EPA Moisture)	72.5		0.1	0.1	%			10/03/24 19:07	1
Percent Moisture (EPA Moisture)	27.5		0.1	0.1	%			10/03/24 19:07	1

Client: August Mack Environmental, Inc.
Project/Site: MSC Canfield - Soil

Job ID: 240-212357-1

Client Sample ID: T250-W-0.0
Date Collected: 10/03/24 09:40
Date Received: 10/03/24 12:00

Lab Sample ID: 240-212357-3
Matrix: Solid
Percent Solids: 58.1

Method: SW846 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		8.3	2.9	ug/Kg	☼	10/04/24 11:04	10/04/24 18:55	1
1,1,2,2-Tetrachloroethane	ND		8.3	2.4	ug/Kg	☼	10/04/24 11:04	10/04/24 18:55	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		8.3	2.1	ug/Kg	☼	10/04/24 11:04	10/04/24 18:55	1
1,1,2-Trichloroethane	ND		8.3	1.9	ug/Kg	☼	10/04/24 11:04	10/04/24 18:55	1
1,1-Dichloroethane	ND		8.3	2.4	ug/Kg	☼	10/04/24 11:04	10/04/24 18:55	1
1,1-Dichloroethene	ND		8.3	3.0	ug/Kg	☼	10/04/24 11:04	10/04/24 18:55	1
1,2,4-Trichlorobenzene	ND		8.3	4.2	ug/Kg	☼	10/04/24 11:04	10/04/24 18:55	1
1,2-Dibromo-3-Chloropropane	ND		17	6.0	ug/Kg	☼	10/04/24 11:04	10/04/24 18:55	1
Ethylene Dibromide	ND		8.3	1.3	ug/Kg	☼	10/04/24 11:04	10/04/24 18:55	1
1,2-Dichlorobenzene	ND		8.3	1.9	ug/Kg	☼	10/04/24 11:04	10/04/24 18:55	1
1,2-Dichloroethane	ND		8.3	3.0	ug/Kg	☼	10/04/24 11:04	10/04/24 18:55	1
1,2-Dichloropropane	ND		8.3	1.4	ug/Kg	☼	10/04/24 11:04	10/04/24 18:55	1
1,3-Dichlorobenzene	ND		8.3	2.7	ug/Kg	☼	10/04/24 11:04	10/04/24 18:55	1
1,4-Dichlorobenzene	ND		8.3	1.5	ug/Kg	☼	10/04/24 11:04	10/04/24 18:55	1
2-Butanone (MEK)	ND		33	5.9	ug/Kg	☼	10/04/24 11:04	10/04/24 18:55	1
2-Hexanone	ND		33	6.8	ug/Kg	☼	10/04/24 11:04	10/04/24 18:55	1
4-Methyl-2-pentanone (MIBK)	ND		33	6.2	ug/Kg	☼	10/04/24 11:04	10/04/24 18:55	1
Acetone	ND		42	35	ug/Kg	☼	10/04/24 11:04	10/04/24 18:55	1
Benzene	ND		8.3	1.2	ug/Kg	☼	10/04/24 11:04	10/04/24 18:55	1
Dichlorobromomethane	ND		8.3	2.5	ug/Kg	☼	10/04/24 11:04	10/04/24 18:55	1
Bromoform	ND		8.3	4.0	ug/Kg	☼	10/04/24 11:04	10/04/24 18:55	1
Bromomethane	ND		8.3	6.9	ug/Kg	☼	10/04/24 11:04	10/04/24 18:55	1
Carbon disulfide	ND		8.3	1.9	ug/Kg	☼	10/04/24 11:04	10/04/24 18:55	1
Carbon tetrachloride	ND		8.3	5.4	ug/Kg	☼	10/04/24 11:04	10/04/24 18:55	1
Chlorobenzene	ND		8.3	1.5	ug/Kg	☼	10/04/24 11:04	10/04/24 18:55	1
Chloroethane	ND		8.3	4.6	ug/Kg	☼	10/04/24 11:04	10/04/24 18:55	1
Chloroform	ND		8.3	1.3	ug/Kg	☼	10/04/24 11:04	10/04/24 18:55	1
Chloromethane	ND		8.3	3.8	ug/Kg	☼	10/04/24 11:04	10/04/24 18:55	1
cis-1,2-Dichloroethene	ND		8.3	2.5	ug/Kg	☼	10/04/24 11:04	10/04/24 18:55	1
cis-1,3-Dichloropropene	ND		8.3	4.8	ug/Kg	☼	10/04/24 11:04	10/04/24 18:55	1
Cyclohexane	ND		17	2.3	ug/Kg	☼	10/04/24 11:04	10/04/24 18:55	1
Chlorodibromomethane	ND		8.3	4.6	ug/Kg	☼	10/04/24 11:04	10/04/24 18:55	1
Dichlorodifluoromethane	ND		8.3	3.8	ug/Kg	☼	10/04/24 11:04	10/04/24 18:55	1
Ethylbenzene	ND		8.3	1.7	ug/Kg	☼	10/04/24 11:04	10/04/24 18:55	1
Isopropylbenzene	ND		8.3	3.2	ug/Kg	☼	10/04/24 11:04	10/04/24 18:55	1
Methyl acetate	ND		42	5.7	ug/Kg	☼	10/04/24 11:04	10/04/24 18:55	1
Methyl tert-butyl ether	ND		8.3	3.3	ug/Kg	☼	10/04/24 11:04	10/04/24 18:55	1
Methylcyclohexane	ND		17	2.0	ug/Kg	☼	10/04/24 11:04	10/04/24 18:55	1
Methylene Chloride	ND		42	20	ug/Kg	☼	10/04/24 11:04	10/04/24 18:55	1
Styrene	ND		8.3	1.9	ug/Kg	☼	10/04/24 11:04	10/04/24 18:55	1
Tetrachloroethene	ND		8.3	6.5	ug/Kg	☼	10/04/24 11:04	10/04/24 18:55	1
Toluene	ND		8.3	1.3	ug/Kg	☼	10/04/24 11:04	10/04/24 18:55	1
trans-1,2-Dichloroethene	ND		8.3	2.4	ug/Kg	☼	10/04/24 11:04	10/04/24 18:55	1
trans-1,3-Dichloropropene	ND		8.3	6.2	ug/Kg	☼	10/04/24 11:04	10/04/24 18:55	1
Trichloroethene	ND		8.3	2.4	ug/Kg	☼	10/04/24 11:04	10/04/24 18:55	1
Trichlorofluoromethane	ND		8.3	4.5	ug/Kg	☼	10/04/24 11:04	10/04/24 18:55	1
Vinyl chloride	ND		8.3	2.9	ug/Kg	☼	10/04/24 11:04	10/04/24 18:55	1
Xylenes, Total	ND		17	2.6	ug/Kg	☼	10/04/24 11:04	10/04/24 18:55	1

Client: August Mack Environmental, Inc.
Project/Site: MSC Canfield - Soil

Job ID: 240-212357-1

Client Sample ID: T250-W-0.0
Date Collected: 10/03/24 09:40
Date Received: 10/03/24 12:00

Lab Sample ID: 240-212357-3
Matrix: Solid
Percent Solids: 58.1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Toluene-d8 (Surr)	*103*		*56 - 125*	*10/04/24 11:04*	*10/04/24 18:55*	*1*
Dibromofluoromethane (Surr)	*96*		*41 - 138*	*10/04/24 11:04*	*10/04/24 18:55*	*1*
4-Bromofluorobenzene (Surr)	*99*		*41 - 143*	*10/04/24 11:04*	*10/04/24 18:55*	*1*
1,2-Dichloroethane-d4 (Surr)	*104*		*58 - 125*	*10/04/24 11:04*	*10/04/24 18:55*	*1*

Method: SW846 8270E - Semivolatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1'-Biphenyl	ND		170	48	ug/Kg	☼	10/04/24 08:53	10/07/24 15:41	1
bis (2-chloroisopropyl) ether	ND		170	44	ug/Kg	☼	10/04/24 08:53	10/07/24 15:41	1
2,4,5-Trichlorophenol	ND		250	56	ug/Kg	☼	10/04/24 08:53	10/07/24 15:41	1
2,4,6-Trichlorophenol	ND		250	49	ug/Kg	☼	10/04/24 08:53	10/07/24 15:41	1
2,4-Dichlorophenol	ND		250	46	ug/Kg	☼	10/04/24 08:53	10/07/24 15:41	1
2,4-Dimethylphenol	ND		250	61	ug/Kg	☼	10/04/24 08:53	10/07/24 15:41	1
2,4-Dinitrophenol	ND		560	290	ug/Kg	☼	10/04/24 08:53	10/07/24 15:41	1
2,4-Dinitrotoluene	ND		340	39	ug/Kg	☼	10/04/24 08:53	10/07/24 15:41	1
2,6-Dinitrotoluene	ND		340	61	ug/Kg	☼	10/04/24 08:53	10/07/24 15:41	1
2-Chloronaphthalene	ND		170	48	ug/Kg	☼	10/04/24 08:53	10/07/24 15:41	1
2-Chlorophenol	ND		170	44	ug/Kg	☼	10/04/24 08:53	10/07/24 15:41	1
2-Methylnaphthalene	**180**		68	22	ug/Kg	☼	10/04/24 08:53	10/07/24 15:41	1
2-Methylphenol	ND		340	70	ug/Kg	☼	10/04/24 08:53	10/07/24 15:41	1
2-Nitroaniline	ND		340	64	ug/Kg	☼	10/04/24 08:53	10/07/24 15:41	1
2-Nitrophenol	ND		170	59	ug/Kg	☼	10/04/24 08:53	10/07/24 15:41	1
3,3'-Dichlorobenzidine	ND		250	160	ug/Kg	☼	10/04/24 08:53	10/07/24 15:41	1
3-Nitroaniline	ND		340	59	ug/Kg	☼	10/04/24 08:53	10/07/24 15:41	1
4,6-Dinitro-2-methylphenol	ND		560	180	ug/Kg	☼	10/04/24 08:53	10/07/24 15:41	1
4-Bromophenyl phenyl ether	ND		170	54	ug/Kg	☼	10/04/24 08:53	10/07/24 15:41	1
4-Chloro-3-methylphenol	ND		250	64	ug/Kg	☼	10/04/24 08:53	10/07/24 15:41	1
4-Chloroaniline	ND		250	27	ug/Kg	☼	10/04/24 08:53	10/07/24 15:41	1
4-Chlorophenyl phenyl ether	ND		170	48	ug/Kg	☼	10/04/24 08:53	10/07/24 15:41	1
4-Nitroaniline	ND		340	44	ug/Kg	☼	10/04/24 08:53	10/07/24 15:41	1
4-Nitrophenol	ND		560	150	ug/Kg	☼	10/04/24 08:53	10/07/24 15:41	1
Acenaphthene	**170**		68	24	ug/Kg	☼	10/04/24 08:53	10/07/24 15:41	1
Acenaphthylene	**110**		68	25	ug/Kg	☼	10/04/24 08:53	10/07/24 15:41	1
Acetophenone	ND		170	42	ug/Kg	☼	10/04/24 08:53	10/07/24 15:41	1
Anthracene	**510**		68	20	ug/Kg	☼	10/04/24 08:53	10/07/24 15:41	1
Atrazine	ND		560	120	ug/Kg	☼	10/04/24 08:53	10/07/24 15:41	1
Benzaldehyde	ND		560	95	ug/Kg	☼	10/04/24 08:53	10/07/24 15:41	1
Benzo[a]anthracene	**2400**		68	25	ug/Kg	☼	10/04/24 08:53	10/07/24 15:41	1
Benzo[a]pyrene	**3300**		68	24	ug/Kg	☼	10/04/24 08:53	10/07/24 15:41	1
Benzo[b]fluoranthene	**5600**		68	20	ug/Kg	☼	10/04/24 08:53	10/07/24 15:41	1
Benzo[g,h,i]perylene	**2200**		68	46	ug/Kg	☼	10/04/24 08:53	10/07/24 15:41	1
Benzo[k]fluoranthene	**2200**		68	17	ug/Kg	☼	10/04/24 08:53	10/07/24 15:41	1
Bis(2-chloroethoxy)methane	ND		170	34	ug/Kg	☼	10/04/24 08:53	10/07/24 15:41	1
Bis(2-chloroethyl)ether	ND		170	37	ug/Kg	☼	10/04/24 08:53	10/07/24 15:41	1
Bis(2-ethylhexyl) phthalate	**280**		250	95	ug/Kg	☼	10/04/24 08:53	10/07/24 15:41	1
Butyl benzyl phthalate	**100**	**J**	250	87	ug/Kg	☼	10/04/24 08:53	10/07/24 15:41	1
Caprolactam	ND		560	120	ug/Kg	☼	10/04/24 08:53	10/07/24 15:41	1
Carbazole	**580**		170	46	ug/Kg	☼	10/04/24 08:53	10/07/24 15:41	1
Chrysene	**3900**		68	24	ug/Kg	☼	10/04/24 08:53	10/07/24 15:41	1
Dibenz(a,h)anthracene	**420**		68	25	ug/Kg	☼	10/04/24 08:53	10/07/24 15:41	1

Client Sample ID: T250-W-0.0
Date Collected: 10/03/24 09:40
Date Received: 10/03/24 12:00

Lab Sample ID: 240-212357-3
Matrix: Solid
Percent Solids: 58.1

Method: SW846 8270E - Semivolatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Dibenzofuran	**140**	**J**	170	49	ug/Kg	☼	10/04/24 08:53	10/07/24 15:41	1
Diethyl phthalate	ND		250	73	ug/Kg	☼	10/04/24 08:53	10/07/24 15:41	1
Dimethyl phthalate	ND		250	68	ug/Kg	☼	10/04/24 08:53	10/07/24 15:41	1
Di-n-butyl phthalate	ND		250	87	ug/Kg	☼	10/04/24 08:53	10/07/24 15:41	1
Di-n-octyl phthalate	ND		250	85	ug/Kg	☼	10/04/24 08:53	10/07/24 15:41	1
Fluorene	**170**		68	24	ug/Kg	☼	10/04/24 08:53	10/07/24 15:41	1
Hexachlorobenzene	ND		68	24	ug/Kg	☼	10/04/24 08:53	10/07/24 15:41	1
Hexachlorobutadiene	ND		170	36	ug/Kg	☼	10/04/24 08:53	10/07/24 15:41	1
Hexachlorocyclopentadiene	ND		560	66	ug/Kg	☼	10/04/24 08:53	10/07/24 15:41	1
Hexachloroethane	ND		170	54	ug/Kg	☼	10/04/24 08:53	10/07/24 15:41	1
Indeno[1,2,3-cd]pyrene	**1800**		68	20	ug/Kg	☼	10/04/24 08:53	10/07/24 15:41	1
Isophorone	ND		170	44	ug/Kg	☼	10/04/24 08:53	10/07/24 15:41	1
N-Nitrosodi-n-propylamine	ND		170	63	ug/Kg	☼	10/04/24 08:53	10/07/24 15:41	1
N-Nitrosodiphenylamine	ND		170	46	ug/Kg	☼	10/04/24 08:53	10/07/24 15:41	1
Naphthalene	**160**		68	22	ug/Kg	☼	10/04/24 08:53	10/07/24 15:41	1
Nitrobenzene	ND		170	37	ug/Kg	☼	10/04/24 08:53	10/07/24 15:41	1
Pentachlorophenol	ND		460	180	ug/Kg	☼	10/04/24 08:53	10/07/24 15:41	1
Phenanthrene	**2900**		68	22	ug/Kg	☼	10/04/24 08:53	10/07/24 15:41	1
Phenol	ND		170	64	ug/Kg	☼	10/04/24 08:53	10/07/24 15:41	1
3 & 4 Methylphenol	ND		680	70	ug/Kg	☼	10/04/24 08:53	10/07/24 15:41	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Terphenyl-d14 (Surr)	*72*		*37 - 120*	*10/04/24 08:53*	*10/07/24 15:41*	*1*
Phenol-d5 (Surr)	*77*		*29 - 120*	*10/04/24 08:53*	*10/07/24 15:41*	*1*
Nitrobenzene-d5 (Surr)	*70*		*28 - 120*	*10/04/24 08:53*	*10/07/24 15:41*	*1*
2-Fluorophenol (Surr)	*73*		*26 - 120*	*10/04/24 08:53*	*10/07/24 15:41*	*1*
2-Fluorobiphenyl (Surr)	*80*		*36 - 120*	*10/04/24 08:53*	*10/07/24 15:41*	*1*
2,4,6-Tribromophenol (Surr)	*86*		*10 - 120*	*10/04/24 08:53*	*10/07/24 15:41*	*1*

Method: SW846 8270E - Semivolatile Organic Compounds (GC/MS) - RA

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Fluoranthene	**7500**		170	59	ug/Kg	☼	10/04/24 08:53	10/08/24 11:30	2.5
Pyrene	**5700**		170	68	ug/Kg	☼	10/04/24 08:53	10/08/24 11:30	2.5

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Terphenyl-d14 (Surr)	*74*		*37 - 120*	*10/04/24 08:53*	*10/08/24 11:30*	*2.5*
Phenol-d5 (Surr)	*77*		*29 - 120*	*10/04/24 08:53*	*10/08/24 11:30*	*2.5*
Nitrobenzene-d5 (Surr)	*72*		*28 - 120*	*10/04/24 08:53*	*10/08/24 11:30*	*2.5*
2-Fluorophenol (Surr)	*75*		*26 - 120*	*10/04/24 08:53*	*10/08/24 11:30*	*2.5*
2-Fluorobiphenyl (Surr)	*82*		*36 - 120*	*10/04/24 08:53*	*10/08/24 11:30*	*2.5*
2,4,6-Tribromophenol (Surr)	*87*		*10 - 120*	*10/04/24 08:53*	*10/08/24 11:30*	*2.5*

Method: SW846 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aroclor-1016	ND		86	43	ug/Kg	☼	10/04/24 08:58	10/04/24 17:53	1
Aroclor-1221	ND		86	52	ug/Kg	☼	10/04/24 08:58	10/04/24 17:53	1
Aroclor-1232	ND		86	36	ug/Kg	☼	10/04/24 08:58	10/04/24 17:53	1
Aroclor-1242	ND		86	33	ug/Kg	☼	10/04/24 08:58	10/04/24 17:53	1
Aroclor-1248	**73**	**J**	86	29	ug/Kg	☼	10/04/24 08:58	10/04/24 17:53	1
Aroclor-1254	ND		86	36	ug/Kg	☼	10/04/24 08:58	10/04/24 17:53	1

Client Sample ID: T250-W-0.0
Date Collected: 10/03/24 09:40
Date Received: 10/03/24 12:00

Lab Sample ID: 240-212357-3
Matrix: Solid
Percent Solids: 58.1

Method: SW846 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aroclor-1260	ND		86	36	ug/Kg	☼	10/04/24 08:58	10/04/24 17:53	1
Aroclor-1262	ND		86	38	ug/Kg	☼	10/04/24 08:58	10/04/24 17:53	1
Aroclor-1268	ND		86	28	ug/Kg	☼	10/04/24 08:58	10/04/24 17:53	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Tetrachloro-m-xylene	*62*		*10 - 149*	*10/04/24 08:58*	*10/04/24 17:53*	*1*
DCB Decachlorobiphenyl	*58*		*10 - 174*	*10/04/24 08:58*	*10/04/24 17:53*	*1*

Method: SW846 6010D - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	13		1.9	0.40	mg/Kg	☼	10/04/24 15:00	10/05/24 23:13	1
Barium	150		25	0.16	mg/Kg	☼	10/04/24 15:00	10/05/24 23:13	1
Cadmium	0.92		0.63	0.060	mg/Kg	☼	10/04/24 15:00	10/05/24 23:13	1
Chromium	68		1.3	0.43	mg/Kg	☼	10/04/24 15:00	10/05/24 23:13	1
Copper	31		3.1	0.88	mg/Kg	☼	10/04/24 15:00	10/05/24 23:13	1
Lead	62		1.3	0.35	mg/Kg	☼	10/04/24 15:00	10/05/24 23:13	1
Selenium	2.1	J	2.5	0.59	mg/Kg	☼	10/04/24 15:00	10/05/24 23:13	1
Silver	0.30	J	1.3	0.10	mg/Kg	☼	10/04/24 15:00	10/05/24 23:13	1
Zinc	3100		31	23	mg/Kg	☼	10/04/24 15:00	10/06/24 16:23	5

Method: SW846 7471B - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.067	J	0.16	0.030	mg/Kg	☼	10/04/24 15:00	10/07/24 11:12	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cyanide, Total (SW846 9012B)	1300		60	47	mg/Kg	☼	10/07/24 08:58	10/07/24 14:22	25

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Solids (EPA Moisture)	58.1		0.1	0.1	%			10/03/24 19:07	1
Percent Moisture (EPA Moisture)	41.9		0.1	0.1	%			10/03/24 19:07	1

Client: August Mack Environmental, Inc.
Project/Site: MSC Canfield - Soil

Job ID: 240-212357-1

Client Sample ID: T250-C-0.0
Date Collected: 10/03/24 10:00
Date Received: 10/03/24 12:00

Lab Sample ID: 240-212357-4
Matrix: Solid
Percent Solids: 61.4

Method: SW846 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		7.4	2.6	ug/Kg	☼	10/04/24 11:04	10/04/24 19:15	1
1,1,2,2-Tetrachloroethane	ND		7.4	2.1	ug/Kg	☼	10/04/24 11:04	10/04/24 19:15	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		7.4	1.9	ug/Kg	☼	10/04/24 11:04	10/04/24 19:15	1
1,1,2-Trichloroethane	ND		7.4	1.7	ug/Kg	☼	10/04/24 11:04	10/04/24 19:15	1
1,1-Dichloroethane	ND		7.4	2.1	ug/Kg	☼	10/04/24 11:04	10/04/24 19:15	1
1,1-Dichloroethene	ND		7.4	2.7	ug/Kg	☼	10/04/24 11:04	10/04/24 19:15	1
1,2,4-Trichlorobenzene	ND		7.4	3.7	ug/Kg	☼	10/04/24 11:04	10/04/24 19:15	1
1,2-Dibromo-3-Chloropropane	ND		15	5.3	ug/Kg	☼	10/04/24 11:04	10/04/24 19:15	1
Ethylene Dibromide	ND		7.4	1.1	ug/Kg	☼	10/04/24 11:04	10/04/24 19:15	1
1,2-Dichlorobenzene	ND		7.4	1.6	ug/Kg	☼	10/04/24 11:04	10/04/24 19:15	1
1,2-Dichloroethane	ND		7.4	2.7	ug/Kg	☼	10/04/24 11:04	10/04/24 19:15	1
1,2-Dichloropropane	ND		7.4	1.3	ug/Kg	☼	10/04/24 11:04	10/04/24 19:15	1
1,3-Dichlorobenzene	ND		7.4	2.4	ug/Kg	☼	10/04/24 11:04	10/04/24 19:15	1
1,4-Dichlorobenzene	ND		7.4	1.3	ug/Kg	☼	10/04/24 11:04	10/04/24 19:15	1
2-Butanone (MEK)	ND		30	5.3	ug/Kg	☼	10/04/24 11:04	10/04/24 19:15	1
2-Hexanone	ND		30	6.1	ug/Kg	☼	10/04/24 11:04	10/04/24 19:15	1
4-Methyl-2-pentanone (MIBK)	ND		30	5.5	ug/Kg	☼	10/04/24 11:04	10/04/24 19:15	1
Acetone	**31**	**J**	37	31	ug/Kg	☼	10/04/24 11:04	10/04/24 19:15	1
Benzene	ND		7.4	1.0	ug/Kg	☼	10/04/24 11:04	10/04/24 19:15	1
Dichlorobromomethane	ND		7.4	2.2	ug/Kg	☼	10/04/24 11:04	10/04/24 19:15	1
Bromoform	ND		7.4	3.6	ug/Kg	☼	10/04/24 11:04	10/04/24 19:15	1
Bromomethane	ND		7.4	6.2	ug/Kg	☼	10/04/24 11:04	10/04/24 19:15	1
Carbon disulfide	ND		7.4	1.7	ug/Kg	☼	10/04/24 11:04	10/04/24 19:15	1
Carbon tetrachloride	ND		7.4	4.8	ug/Kg	☼	10/04/24 11:04	10/04/24 19:15	1
Chlorobenzene	ND		7.4	1.4	ug/Kg	☼	10/04/24 11:04	10/04/24 19:15	1
Chloroethane	ND		7.4	4.1	ug/Kg	☼	10/04/24 11:04	10/04/24 19:15	1
Chloroform	ND		7.4	1.2	ug/Kg	☼	10/04/24 11:04	10/04/24 19:15	1
Chloromethane	ND		7.4	3.4	ug/Kg	☼	10/04/24 11:04	10/04/24 19:15	1
cis-1,2-Dichloroethene	ND		7.4	2.2	ug/Kg	☼	10/04/24 11:04	10/04/24 19:15	1
cis-1,3-Dichloropropene	ND		7.4	4.3	ug/Kg	☼	10/04/24 11:04	10/04/24 19:15	1
Cyclohexane	ND		15	2.0	ug/Kg	☼	10/04/24 11:04	10/04/24 19:15	1
Chlorodibromomethane	ND		7.4	4.1	ug/Kg	☼	10/04/24 11:04	10/04/24 19:15	1
Dichlorodifluoromethane	ND		7.4	3.4	ug/Kg	☼	10/04/24 11:04	10/04/24 19:15	1
Ethylbenzene	ND		7.4	1.6	ug/Kg	☼	10/04/24 11:04	10/04/24 19:15	1
Isopropylbenzene	ND		7.4	2.8	ug/Kg	☼	10/04/24 11:04	10/04/24 19:15	1
Methyl acetate	ND		37	5.0	ug/Kg	☼	10/04/24 11:04	10/04/24 19:15	1
Methyl tert-butyl ether	ND		7.4	2.9	ug/Kg	☼	10/04/24 11:04	10/04/24 19:15	1
Methylcyclohexane	ND		15	1.8	ug/Kg	☼	10/04/24 11:04	10/04/24 19:15	1
Methylene Chloride	ND		37	18	ug/Kg	☼	10/04/24 11:04	10/04/24 19:15	1
Styrene	ND		7.4	1.7	ug/Kg	☼	10/04/24 11:04	10/04/24 19:15	1
Tetrachloroethene	ND		7.4	5.8	ug/Kg	☼	10/04/24 11:04	10/04/24 19:15	1
Toluene	**3.1**	**J**	7.4	1.1	ug/Kg	☼	10/04/24 11:04	10/04/24 19:15	1
trans-1,2-Dichloroethene	ND		7.4	2.1	ug/Kg	☼	10/04/24 11:04	10/04/24 19:15	1
trans-1,3-Dichloropropene	ND		7.4	5.5	ug/Kg	☼	10/04/24 11:04	10/04/24 19:15	1
Trichloroethene	ND		7.4	2.1	ug/Kg	☼	10/04/24 11:04	10/04/24 19:15	1
Trichlorofluoromethane	ND		7.4	4.0	ug/Kg	☼	10/04/24 11:04	10/04/24 19:15	1
Vinyl chloride	ND		7.4	2.6	ug/Kg	☼	10/04/24 11:04	10/04/24 19:15	1
Xylenes, Total	ND		15	2.4	ug/Kg	☼	10/04/24 11:04	10/04/24 19:15	1

Client: August Mack Environmental, Inc.
Project/Site: MSC Canfield - Soil

Job ID: 240-212357-1

Client Sample ID: T250-C-0.0
Date Collected: 10/03/24 10:00
Date Received: 10/03/24 12:00

Lab Sample ID: 240-212357-4
Matrix: Solid
Percent Solids: 61.4

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Toluene-d8 (Surr)	*100*		*56 - 125*	*10/04/24 11:04*	*10/04/24 19:15*	*1*
Dibromofluoromethane (Surr)	*90*		*41 - 138*	*10/04/24 11:04*	*10/04/24 19:15*	*1*
4-Bromofluorobenzene (Surr)	*94*		*41 - 143*	*10/04/24 11:04*	*10/04/24 19:15*	*1*
1,2-Dichloroethane-d4 (Surr)	*99*		*58 - 125*	*10/04/24 11:04*	*10/04/24 19:15*	*1*

Method: SW846 8270E - Semivolatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1'-Biphenyl	**140**	**J**	160	45	ug/Kg	☼	10/04/24 08:53	10/07/24 16:06	1
bis (2-chloroisopropyl) ether	ND		160	42	ug/Kg	☼	10/04/24 08:53	10/07/24 16:06	1
2,4,5-Trichlorophenol	ND		240	54	ug/Kg	☼	10/04/24 08:53	10/07/24 16:06	1
2,4,6-Trichlorophenol	ND		240	47	ug/Kg	☼	10/04/24 08:53	10/07/24 16:06	1
2,4-Dichlorophenol	ND		240	44	ug/Kg	☼	10/04/24 08:53	10/07/24 16:06	1
2,4-Dimethylphenol	ND		240	58	ug/Kg	☼	10/04/24 08:53	10/07/24 16:06	1
2,4-Dinitrophenol	ND		540	280	ug/Kg	☼	10/04/24 08:53	10/07/24 16:06	1
2,4-Dinitrotoluene	ND		320	37	ug/Kg	☼	10/04/24 08:53	10/07/24 16:06	1
2,6-Dinitrotoluene	ND		320	58	ug/Kg	☼	10/04/24 08:53	10/07/24 16:06	1
2-Chloronaphthalene	ND		160	45	ug/Kg	☼	10/04/24 08:53	10/07/24 16:06	1
2-Chlorophenol	ND		160	42	ug/Kg	☼	10/04/24 08:53	10/07/24 16:06	1
2-Methylnaphthalene	**1600**		65	21	ug/Kg	☼	10/04/24 08:53	10/07/24 16:06	1
2-Methylphenol	ND		320	67	ug/Kg	☼	10/04/24 08:53	10/07/24 16:06	1
2-Nitroaniline	ND		320	62	ug/Kg	☼	10/04/24 08:53	10/07/24 16:06	1
2-Nitrophenol	ND		160	57	ug/Kg	☼	10/04/24 08:53	10/07/24 16:06	1
3,3'-Dichlorobenzidine	ND		240	150	ug/Kg	☼	10/04/24 08:53	10/07/24 16:06	1
3-Nitroaniline	ND		320	57	ug/Kg	☼	10/04/24 08:53	10/07/24 16:06	1
4,6-Dinitro-2-methylphenol	ND		540	170	ug/Kg	☼	10/04/24 08:53	10/07/24 16:06	1
4-Bromophenyl phenyl ether	ND		160	52	ug/Kg	☼	10/04/24 08:53	10/07/24 16:06	1
4-Chloro-3-methylphenol	ND		240	62	ug/Kg	☼	10/04/24 08:53	10/07/24 16:06	1
4-Chloroaniline	ND		240	26	ug/Kg	☼	10/04/24 08:53	10/07/24 16:06	1
4-Chlorophenyl phenyl ether	ND		160	45	ug/Kg	☼	10/04/24 08:53	10/07/24 16:06	1
4-Nitroaniline	ND		320	42	ug/Kg	☼	10/04/24 08:53	10/07/24 16:06	1
4-Nitrophenol	ND		540	150	ug/Kg	☼	10/04/24 08:53	10/07/24 16:06	1
Acenaphthene	**170**		65	23	ug/Kg	☼	10/04/24 08:53	10/07/24 16:06	1
Acenaphthylene	**130**		65	24	ug/Kg	☼	10/04/24 08:53	10/07/24 16:06	1
Acetophenone	ND		160	41	ug/Kg	☼	10/04/24 08:53	10/07/24 16:06	1
Anthracene	**460**		65	19	ug/Kg	☼	10/04/24 08:53	10/07/24 16:06	1
Atrazine	ND		540	110	ug/Kg	☼	10/04/24 08:53	10/07/24 16:06	1
Benzaldehyde	**230**	**J**	540	91	ug/Kg	☼	10/04/24 08:53	10/07/24 16:06	1
Benzo[a]anthracene	**2200**		65	24	ug/Kg	☼	10/04/24 08:53	10/07/24 16:06	1
Benzo[a]pyrene	**3200**		65	23	ug/Kg	☼	10/04/24 08:53	10/07/24 16:06	1
Benzo[g,h,i]perylene	**1800**		65	44	ug/Kg	☼	10/04/24 08:53	10/07/24 16:06	1
Benzo[k]fluoranthene	**2300**		65	16	ug/Kg	☼	10/04/24 08:53	10/07/24 16:06	1
Bis(2-chloroethoxy)methane	ND		160	32	ug/Kg	☼	10/04/24 08:53	10/07/24 16:06	1
Bis(2-chloroethyl)ether	ND		160	36	ug/Kg	☼	10/04/24 08:53	10/07/24 16:06	1
Bis(2-ethylhexyl) phthalate	**430**		240	91	ug/Kg	☼	10/04/24 08:53	10/07/24 16:06	1
Butyl benzyl phthalate	ND		240	83	ug/Kg	☼	10/04/24 08:53	10/07/24 16:06	1
Caprolactam	ND		540	110	ug/Kg	☼	10/04/24 08:53	10/07/24 16:06	1
Carbazole	**510**		160	44	ug/Kg	☼	10/04/24 08:53	10/07/24 16:06	1
Chrysene	**3700**		65	23	ug/Kg	☼	10/04/24 08:53	10/07/24 16:06	1
Dibenz(a,h)anthracene	**410**		65	24	ug/Kg	☼	10/04/24 08:53	10/07/24 16:06	1
Dibenzofuran	**390**		160	47	ug/Kg	☼	10/04/24 08:53	10/07/24 16:06	1

Client Sample ID: T250-C-0.0
Date Collected: 10/03/24 10:00
Date Received: 10/03/24 12:00

Lab Sample ID: 240-212357-4
Matrix: Solid
Percent Solids: 61.4

Method: SW846 8270E - Semivolatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Diethyl phthalate	ND		240	70	ug/Kg	☼	10/04/24 08:53	10/07/24 16:06	1
Dimethyl phthalate	ND		240	65	ug/Kg	☼	10/04/24 08:53	10/07/24 16:06	1
Di-n-butyl phthalate	ND		240	83	ug/Kg	☼	10/04/24 08:53	10/07/24 16:06	1
Di-n-octyl phthalate	ND		240	81	ug/Kg	☼	10/04/24 08:53	10/07/24 16:06	1
Fluorene	**170**		65	23	ug/Kg	☼	10/04/24 08:53	10/07/24 16:06	1
Hexachlorobenzene	ND		65	23	ug/Kg	☼	10/04/24 08:53	10/07/24 16:06	1
Hexachlorobutadiene	ND		160	34	ug/Kg	☼	10/04/24 08:53	10/07/24 16:06	1
Hexachlorocyclopentadiene	ND		540	63	ug/Kg	☼	10/04/24 08:53	10/07/24 16:06	1
Hexachloroethane	ND		160	52	ug/Kg	☼	10/04/24 08:53	10/07/24 16:06	1
Indeno[1,2,3-cd]pyrene	**1600**		65	19	ug/Kg	☼	10/04/24 08:53	10/07/24 16:06	1
Isophorone	ND		160	42	ug/Kg	☼	10/04/24 08:53	10/07/24 16:06	1
N-Nitrosodi-n-propylamine	ND		160	60	ug/Kg	☼	10/04/24 08:53	10/07/24 16:06	1
N-Nitrosodiphenylamine	ND		160	44	ug/Kg	☼	10/04/24 08:53	10/07/24 16:06	1
Naphthalene	**980**		65	21	ug/Kg	☼	10/04/24 08:53	10/07/24 16:06	1
Nitrobenzene	ND		160	36	ug/Kg	☼	10/04/24 08:53	10/07/24 16:06	1
Pentachlorophenol	ND		440	170	ug/Kg	☼	10/04/24 08:53	10/07/24 16:06	1
Phenanthrene	**3100**		65	21	ug/Kg	☼	10/04/24 08:53	10/07/24 16:06	1
Phenol	**110**	**J**	160	62	ug/Kg	☼	10/04/24 08:53	10/07/24 16:06	1
Pyrene	**5200**		65	26	ug/Kg	☼	10/04/24 08:53	10/07/24 16:06	1
3 & 4 Methylphenol	**220**	**J**	650	67	ug/Kg	☼	10/04/24 08:53	10/07/24 16:06	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Terphenyl-d14 (Surr)	*75*		*37 - 120*	*10/04/24 08:53*	*10/07/24 16:06*	*1*
Phenol-d5 (Surr)	*85*		*29 - 120*	*10/04/24 08:53*	*10/07/24 16:06*	*1*
Nitrobenzene-d5 (Surr)	*78*		*28 - 120*	*10/04/24 08:53*	*10/07/24 16:06*	*1*
2-Fluorophenol (Surr)	*78*		*26 - 120*	*10/04/24 08:53*	*10/07/24 16:06*	*1*
2-Fluorobiphenyl (Surr)	*86*		*36 - 120*	*10/04/24 08:53*	*10/07/24 16:06*	*1*
2,4,6-Tribromophenol (Surr)	*51*		*10 - 120*	*10/04/24 08:53*	*10/07/24 16:06*	*1*

Method: SW846 8270E - Semivolatile Organic Compounds (GC/MS) - RA

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzo[b]fluoranthene	**5300**		160	49	ug/Kg	☼	10/04/24 08:53	10/08/24 11:55	2.5
Fluoranthene	**6500**		160	57	ug/Kg	☼	10/04/24 08:53	10/08/24 11:55	2.5

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Terphenyl-d14 (Surr)	*70*		*37 - 120*	*10/04/24 08:53*	*10/08/24 11:55*	*2.5*
Phenol-d5 (Surr)	*80*		*29 - 120*	*10/04/24 08:53*	*10/08/24 11:55*	*2.5*
Nitrobenzene-d5 (Surr)	*74*		*28 - 120*	*10/04/24 08:53*	*10/08/24 11:55*	*2.5*
2-Fluorophenol (Surr)	*72*		*26 - 120*	*10/04/24 08:53*	*10/08/24 11:55*	*2.5*
2-Fluorobiphenyl (Surr)	*82*		*36 - 120*	*10/04/24 08:53*	*10/08/24 11:55*	*2.5*
2,4,6-Tribromophenol (Surr)	*51*		*10 - 120*	*10/04/24 08:53*	*10/08/24 11:55*	*2.5*

Method: SW846 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aroclor-1016	ND		81	41	ug/Kg	☼	10/04/24 08:58	10/04/24 18:07	1
Aroclor-1221	ND		81	49	ug/Kg	☼	10/04/24 08:58	10/04/24 18:07	1
Aroclor-1232	ND		81	34	ug/Kg	☼	10/04/24 08:58	10/04/24 18:07	1
Aroclor-1242	**38**	**J**	81	31	ug/Kg	☼	10/04/24 08:58	10/04/24 18:07	1
Aroclor-1248	ND		81	28	ug/Kg	☼	10/04/24 08:58	10/04/24 18:07	1
Aroclor-1254	**48**	**J**	81	34	ug/Kg	☼	10/04/24 08:58	10/04/24 18:07	1

Client Sample ID: T250-C-0.0
Date Collected: 10/03/24 10:00
Date Received: 10/03/24 12:00

Lab Sample ID: 240-212357-4
Matrix: Solid
Percent Solids: 61.4

Method: SW846 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aroclor-1260	ND		81	34	ug/Kg	☼	10/04/24 08:58	10/04/24 18:07	1
Aroclor-1262	ND		81	36	ug/Kg	☼	10/04/24 08:58	10/04/24 18:07	1
Aroclor-1268	ND		81	26	ug/Kg	☼	10/04/24 08:58	10/04/24 18:07	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Tetrachloro-m-xylene	*56*		*10 - 149*	*10/04/24 08:58*	*10/04/24 18:07*	*1*
DCB Decachlorobiphenyl	*61*		*10 - 174*	*10/04/24 08:58*	*10/04/24 18:07*	*1*

Method: SW846 6010D - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	9.4		1.7	0.36	mg/Kg	☼	10/04/24 15:00	10/05/24 23:18	1
Barium	82		23	0.14	mg/Kg	☼	10/04/24 15:00	10/05/24 23:18	1
Cadmium	0.57		0.57	0.054	mg/Kg	☼	10/04/24 15:00	10/05/24 23:18	1
Chromium	28		1.1	0.39	mg/Kg	☼	10/04/24 15:00	10/05/24 23:18	1
Copper	2.5	J	2.8	0.79	mg/Kg	☼	10/04/24 15:00	10/05/24 23:18	1
Lead	42		1.1	0.32	mg/Kg	☼	10/04/24 15:00	10/05/24 23:18	1
Selenium	0.72	J	2.3	0.53	mg/Kg	☼	10/04/24 15:00	10/05/24 23:18	1
Silver	0.24	J	1.1	0.092	mg/Kg	☼	10/04/24 15:00	10/05/24 23:18	1
Zinc	5800		57	41	mg/Kg	☼	10/04/24 15:00	10/06/24 16:27	10

Method: SW846 7471B - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.064	J	0.16	0.028	mg/Kg	☼	10/04/24 15:00	10/07/24 11:14	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cyanide, Total (SW846 9012B)	710		57	45	mg/Kg	☼	10/07/24 08:58	10/07/24 14:29	25

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Solids (EPA Moisture)	61.4		0.1	0.1	%			10/03/24 19:07	1
Percent Moisture (EPA Moisture)	38.6		0.1	0.1	%			10/03/24 19:07	1

Client: August Mack Environmental, Inc.
Project/Site: MSC Canfield - Soil

Job ID: 240-212357-1

Client Sample ID: T375-E-0.0
Date Collected: 10/03/24 10:20
Date Received: 10/03/24 12:00

Lab Sample ID: 240-212357-5
Matrix: Solid
Percent Solids: 57.9

Method: SW846 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		8.5	3.0	ug/Kg	☼	10/04/24 11:04	10/04/24 19:35	1
1,1,2,2-Tetrachloroethane	ND		8.5	2.4	ug/Kg	☼	10/04/24 11:04	10/04/24 19:35	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		8.5	2.2	ug/Kg	☼	10/04/24 11:04	10/04/24 19:35	1
1,1,2-Trichloroethane	ND		8.5	1.9	ug/Kg	☼	10/04/24 11:04	10/04/24 19:35	1
1,1-Dichloroethane	ND		8.5	2.4	ug/Kg	☼	10/04/24 11:04	10/04/24 19:35	1
1,1-Dichloroethene	ND		8.5	3.1	ug/Kg	☼	10/04/24 11:04	10/04/24 19:35	1
1,2,4-Trichlorobenzene	ND		8.5	4.3	ug/Kg	☼	10/04/24 11:04	10/04/24 19:35	1
1,2-Dibromo-3-Chloropropane	ND		17	6.1	ug/Kg	☼	10/04/24 11:04	10/04/24 19:35	1
Ethylene Dibromide	ND		8.5	1.3	ug/Kg	☼	10/04/24 11:04	10/04/24 19:35	1
1,2-Dichlorobenzene	ND		8.5	1.9	ug/Kg	☼	10/04/24 11:04	10/04/24 19:35	1
1,2-Dichloroethane	ND		8.5	3.1	ug/Kg	☼	10/04/24 11:04	10/04/24 19:35	1
1,2-Dichloropropane	ND		8.5	1.4	ug/Kg	☼	10/04/24 11:04	10/04/24 19:35	1
1,3-Dichlorobenzene	ND		8.5	2.8	ug/Kg	☼	10/04/24 11:04	10/04/24 19:35	1
1,4-Dichlorobenzene	ND		8.5	1.5	ug/Kg	☼	10/04/24 11:04	10/04/24 19:35	1
2-Butanone (MEK)	ND		34	6.1	ug/Kg	☼	10/04/24 11:04	10/04/24 19:35	1
2-Hexanone	ND		34	7.0	ug/Kg	☼	10/04/24 11:04	10/04/24 19:35	1
4-Methyl-2-pentanone (MIBK)	ND		34	6.3	ug/Kg	☼	10/04/24 11:04	10/04/24 19:35	1
Acetone	ND		43	36	ug/Kg	☼	10/04/24 11:04	10/04/24 19:35	1
Benzene	ND		8.5	1.2	ug/Kg	☼	10/04/24 11:04	10/04/24 19:35	1
Dichlorobromomethane	ND		8.5	2.6	ug/Kg	☼	10/04/24 11:04	10/04/24 19:35	1
Bromoform	ND		8.5	4.1	ug/Kg	☼	10/04/24 11:04	10/04/24 19:35	1
Bromomethane	ND		8.5	7.1	ug/Kg	☼	10/04/24 11:04	10/04/24 19:35	1
Carbon disulfide	ND		8.5	2.0	ug/Kg	☼	10/04/24 11:04	10/04/24 19:35	1
Carbon tetrachloride	ND		8.5	5.5	ug/Kg	☼	10/04/24 11:04	10/04/24 19:35	1
Chlorobenzene	ND		8.5	1.6	ug/Kg	☼	10/04/24 11:04	10/04/24 19:35	1
Chloroethane	ND		8.5	4.7	ug/Kg	☼	10/04/24 11:04	10/04/24 19:35	1
Chloroform	ND		8.5	1.3	ug/Kg	☼	10/04/24 11:04	10/04/24 19:35	1
Chloromethane	ND		8.5	3.9	ug/Kg	☼	10/04/24 11:04	10/04/24 19:35	1
cis-1,2-Dichloroethene	ND		8.5	2.5	ug/Kg	☼	10/04/24 11:04	10/04/24 19:35	1
cis-1,3-Dichloropropene	ND		8.5	4.9	ug/Kg	☼	10/04/24 11:04	10/04/24 19:35	1
Cyclohexane	ND		17	2.3	ug/Kg	☼	10/04/24 11:04	10/04/24 19:35	1
Chlorodibromomethane	ND		8.5	4.7	ug/Kg	☼	10/04/24 11:04	10/04/24 19:35	1
Dichlorodifluoromethane	ND		8.5	3.9	ug/Kg	☼	10/04/24 11:04	10/04/24 19:35	1
Ethylbenzene	ND		8.5	1.8	ug/Kg	☼	10/04/24 11:04	10/04/24 19:35	1
Isopropylbenzene	ND		8.5	3.3	ug/Kg	☼	10/04/24 11:04	10/04/24 19:35	1
Methyl acetate	ND		43	5.8	ug/Kg	☼	10/04/24 11:04	10/04/24 19:35	1
Methyl tert-butyl ether	ND		8.5	3.4	ug/Kg	☼	10/04/24 11:04	10/04/24 19:35	1
Methylcyclohexane	ND		17	2.1	ug/Kg	☼	10/04/24 11:04	10/04/24 19:35	1
Methylene Chloride	ND		43	20	ug/Kg	☼	10/04/24 11:04	10/04/24 19:35	1
Styrene	ND		8.5	2.0	ug/Kg	☼	10/04/24 11:04	10/04/24 19:35	1
Tetrachloroethene	ND		8.5	6.6	ug/Kg	☼	10/04/24 11:04	10/04/24 19:35	1
Toluene	ND		8.5	1.3	ug/Kg	☼	10/04/24 11:04	10/04/24 19:35	1
trans-1,2-Dichloroethene	ND		8.5	2.4	ug/Kg	☼	10/04/24 11:04	10/04/24 19:35	1
trans-1,3-Dichloropropene	ND		8.5	6.3	ug/Kg	☼	10/04/24 11:04	10/04/24 19:35	1
Trichloroethene	ND		8.5	2.4	ug/Kg	☼	10/04/24 11:04	10/04/24 19:35	1
Trichlorofluoromethane	ND		8.5	4.6	ug/Kg	☼	10/04/24 11:04	10/04/24 19:35	1
Vinyl chloride	ND		8.5	3.0	ug/Kg	☼	10/04/24 11:04	10/04/24 19:35	1
Xylenes, Total	ND		17	2.7	ug/Kg	☼	10/04/24 11:04	10/04/24 19:35	1

Client: August Mack Environmental, Inc.
Project/Site: MSC Canfield - Soil

Job ID: 240-212357-1

Client Sample ID: T375-E-0.0
Date Collected: 10/03/24 10:20
Date Received: 10/03/24 12:00

Lab Sample ID: 240-212357-5
Matrix: Solid
Percent Solids: 57.9

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
Toluene-d8 (Surr)	*96*		*56 - 125*	*10/04/24 11:04*	*10/04/24 19:35*	*1*
Dibromofluoromethane (Surr)	*87*		*41 - 138*	*10/04/24 11:04*	*10/04/24 19:35*	*1*
4-Bromofluorobenzene (Surr)	*92*		*41 - 143*	*10/04/24 11:04*	*10/04/24 19:35*	*1*
1,2-Dichloroethane-d4 (Surr)	*96*		*58 - 125*	*10/04/24 11:04*	*10/04/24 19:35*	*1*

Method: SW846 8270E - Semivolatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1'-Biphenyl	ND		170	47	ug/Kg	☼	10/04/24 08:53	10/07/24 16:30	1
bis (2-chloroisopropyl) ether	ND		170	44	ug/Kg	☼	10/04/24 08:53	10/07/24 16:30	1
2,4,5-Trichlorophenol	ND		250	55	ug/Kg	☼	10/04/24 08:53	10/07/24 16:30	1
2,4,6-Trichlorophenol	ND		250	49	ug/Kg	☼	10/04/24 08:53	10/07/24 16:30	1
2,4-Dichlorophenol	ND		250	45	ug/Kg	☼	10/04/24 08:53	10/07/24 16:30	1
2,4-Dimethylphenol	ND		250	60	ug/Kg	☼	10/04/24 08:53	10/07/24 16:30	1
2,4-Dinitrophenol	ND		550	290	ug/Kg	☼	10/04/24 08:53	10/07/24 16:30	1
2,4-Dinitrotoluene	ND		340	39	ug/Kg	☼	10/04/24 08:53	10/07/24 16:30	1
2,6-Dinitrotoluene	ND		340	60	ug/Kg	☼	10/04/24 08:53	10/07/24 16:30	1
2-Chloronaphthalene	ND		170	47	ug/Kg	☼	10/04/24 08:53	10/07/24 16:30	1
2-Chlorophenol	ND		170	44	ug/Kg	☼	10/04/24 08:53	10/07/24 16:30	1
2-Methylnaphthalene	**170**		67	22	ug/Kg	☼	10/04/24 08:53	10/07/24 16:30	1
2-Methylphenol	ND		340	69	ug/Kg	☼	10/04/24 08:53	10/07/24 16:30	1
2-Nitroaniline	ND		340	64	ug/Kg	☼	10/04/24 08:53	10/07/24 16:30	1
2-Nitrophenol	ND		170	59	ug/Kg	☼	10/04/24 08:53	10/07/24 16:30	1
3,3'-Dichlorobenzidine	ND		250	160	ug/Kg	☼	10/04/24 08:53	10/07/24 16:30	1
3-Nitroaniline	ND		340	59	ug/Kg	☼	10/04/24 08:53	10/07/24 16:30	1
4,6-Dinitro-2-methylphenol	ND		550	170	ug/Kg	☼	10/04/24 08:53	10/07/24 16:30	1
4-Bromophenyl phenyl ether	ND		170	54	ug/Kg	☼	10/04/24 08:53	10/07/24 16:30	1
4-Chloro-3-methylphenol	ND		250	64	ug/Kg	☼	10/04/24 08:53	10/07/24 16:30	1
4-Chloroaniline	ND		250	27	ug/Kg	☼	10/04/24 08:53	10/07/24 16:30	1
4-Chlorophenyl phenyl ether	ND		170	47	ug/Kg	☼	10/04/24 08:53	10/07/24 16:30	1
4-Nitroaniline	ND		340	44	ug/Kg	☼	10/04/24 08:53	10/07/24 16:30	1
4-Nitrophenol	ND		550	150	ug/Kg	☼	10/04/24 08:53	10/07/24 16:30	1
Acenaphthene	**140**		67	24	ug/Kg	☼	10/04/24 08:53	10/07/24 16:30	1
Acenaphthylene	**150**		67	25	ug/Kg	☼	10/04/24 08:53	10/07/24 16:30	1
Acetophenone	**60**	**J**	170	42	ug/Kg	☼	10/04/24 08:53	10/07/24 16:30	1
Anthracene	**490**		67	20	ug/Kg	☼	10/04/24 08:53	10/07/24 16:30	1
Atrazine	ND		550	120	ug/Kg	☼	10/04/24 08:53	10/07/24 16:30	1
Benzaldehyde	**100**	**J**	550	94	ug/Kg	☼	10/04/24 08:53	10/07/24 16:30	1
Benzo[a]anthracene	**2300**		67	25	ug/Kg	☼	10/04/24 08:53	10/07/24 16:30	1
Benzo[a]pyrene	**3300**		67	24	ug/Kg	☼	10/04/24 08:53	10/07/24 16:30	1
Benzo[g,h,i]perylene	**2300**		67	45	ug/Kg	☼	10/04/24 08:53	10/07/24 16:30	1
Benzo[k]fluoranthene	**2000**		67	17	ug/Kg	☼	10/04/24 08:53	10/07/24 16:30	1
Bis(2-chloroethoxy)methane	ND		170	34	ug/Kg	☼	10/04/24 08:53	10/07/24 16:30	1
Bis(2-chloroethyl)ether	ND		170	37	ug/Kg	☼	10/04/24 08:53	10/07/24 16:30	1
Bis(2-ethylhexyl) phthalate	**170**	**J**	250	94	ug/Kg	☼	10/04/24 08:53	10/07/24 16:30	1
Butyl benzyl phthalate	ND		250	86	ug/Kg	☼	10/04/24 08:53	10/07/24 16:30	1
Caprolactam	ND		550	120	ug/Kg	☼	10/04/24 08:53	10/07/24 16:30	1
Carbazole	**520**		170	45	ug/Kg	☼	10/04/24 08:53	10/07/24 16:30	1
Chrysene	**3700**		67	24	ug/Kg	☼	10/04/24 08:53	10/07/24 16:30	1
Dibenz(a,h)anthracene	**450**		67	25	ug/Kg	☼	10/04/24 08:53	10/07/24 16:30	1
Dibenzofuran	**120**	**J**	170	49	ug/Kg	☼	10/04/24 08:53	10/07/24 16:30	1

Client Sample ID: T375-E-0.0
Date Collected: 10/03/24 10:20
Date Received: 10/03/24 12:00

Lab Sample ID: 240-212357-5
Matrix: Solid
Percent Solids: 57.9

Method: SW846 8270E - Semivolatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Diethyl phthalate	ND		250	72	ug/Kg	☼	10/04/24 08:53	10/07/24 16:30	1
Dimethyl phthalate	ND		250	67	ug/Kg	☼	10/04/24 08:53	10/07/24 16:30	1
Di-n-butyl phthalate	ND		250	86	ug/Kg	☼	10/04/24 08:53	10/07/24 16:30	1
Di-n-octyl phthalate	ND		250	84	ug/Kg	☼	10/04/24 08:53	10/07/24 16:30	1
Fluorene	**150**		67	24	ug/Kg	☼	10/04/24 08:53	10/07/24 16:30	1
Hexachlorobenzene	ND		67	24	ug/Kg	☼	10/04/24 08:53	10/07/24 16:30	1
Hexachlorobutadiene	ND		170	35	ug/Kg	☼	10/04/24 08:53	10/07/24 16:30	1
Hexachlorocyclopentadiene	ND		550	65	ug/Kg	☼	10/04/24 08:53	10/07/24 16:30	1
Hexachloroethane	ND		170	54	ug/Kg	☼	10/04/24 08:53	10/07/24 16:30	1
Indeno[1,2,3-cd]pyrene	**1900**		67	20	ug/Kg	☼	10/04/24 08:53	10/07/24 16:30	1
Isophorone	**130**	**J**	170	44	ug/Kg	☼	10/04/24 08:53	10/07/24 16:30	1
N-Nitrosodi-n-propylamine	ND		170	62	ug/Kg	☼	10/04/24 08:53	10/07/24 16:30	1
N-Nitrosodiphenylamine	ND		170	45	ug/Kg	☼	10/04/24 08:53	10/07/24 16:30	1
Naphthalene	**160**		67	22	ug/Kg	☼	10/04/24 08:53	10/07/24 16:30	1
Nitrobenzene	ND		170	37	ug/Kg	☼	10/04/24 08:53	10/07/24 16:30	1
Pentachlorophenol	ND		450	180	ug/Kg	☼	10/04/24 08:53	10/07/24 16:30	1
Phenanthrene	**2700**		67	22	ug/Kg	☼	10/04/24 08:53	10/07/24 16:30	1
Phenol	ND		170	64	ug/Kg	☼	10/04/24 08:53	10/07/24 16:30	1
Pyrene	**5500**		67	27	ug/Kg	☼	10/04/24 08:53	10/07/24 16:30	1
3 & 4 Methylphenol	ND		670	69	ug/Kg	☼	10/04/24 08:53	10/07/24 16:30	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Terphenyl-d14 (Surr)	*75*		*37 - 120*	*10/04/24 08:53*	*10/07/24 16:30*	*1*
Phenol-d5 (Surr)	*79*		*29 - 120*	*10/04/24 08:53*	*10/07/24 16:30*	*1*
Nitrobenzene-d5 (Surr)	*72*		*28 - 120*	*10/04/24 08:53*	*10/07/24 16:30*	*1*
2-Fluorophenol (Surr)	*76*		*26 - 120*	*10/04/24 08:53*	*10/07/24 16:30*	*1*
2-Fluorobiphenyl (Surr)	*82*		*36 - 120*	*10/04/24 08:53*	*10/07/24 16:30*	*1*
2,4,6-Tribromophenol (Surr)	*85*		*10 - 120*	*10/04/24 08:53*	*10/07/24 16:30*	*1*

Method: SW846 8270E - Semivolatile Organic Compounds (GC/MS) - RA

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzo[b]fluoranthene	**4900**		170	50	ug/Kg	☼	10/04/24 08:53	10/08/24 12:19	2.5
Fluoranthene	**6400**		170	59	ug/Kg	☼	10/04/24 08:53	10/08/24 12:19	2.5

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Terphenyl-d14 (Surr)	*69*		*37 - 120*	*10/04/24 08:53*	*10/08/24 12:19*	*2.5*
Phenol-d5 (Surr)	*74*		*29 - 120*	*10/04/24 08:53*	*10/08/24 12:19*	*2.5*
Nitrobenzene-d5 (Surr)	*65*		*28 - 120*	*10/04/24 08:53*	*10/08/24 12:19*	*2.5*
2-Fluorophenol (Surr)	*72*		*26 - 120*	*10/04/24 08:53*	*10/08/24 12:19*	*2.5*
2-Fluorobiphenyl (Surr)	*75*		*36 - 120*	*10/04/24 08:53*	*10/08/24 12:19*	*2.5*
2,4,6-Tribromophenol (Surr)	*81*		*10 - 120*	*10/04/24 08:53*	*10/08/24 12:19*	*2.5*

Method: SW846 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aroclor-1016	ND		84	42	ug/Kg	☼	10/04/24 08:58	10/04/24 18:21	1
Aroclor-1221	ND		84	50	ug/Kg	☼	10/04/24 08:58	10/04/24 18:21	1
Aroclor-1232	ND		84	35	ug/Kg	☼	10/04/24 08:58	10/04/24 18:21	1
Aroclor-1242	ND		84	32	ug/Kg	☼	10/04/24 08:58	10/04/24 18:21	1
Aroclor-1248	**67**	**J**	84	28	ug/Kg	☼	10/04/24 08:58	10/04/24 18:21	1
Aroclor-1254	ND		84	35	ug/Kg	☼	10/04/24 08:58	10/04/24 18:21	1

Client: August Mack Environmental, Inc.
Project/Site: MSC Canfield - Soil

Job ID: 240-212357-1

Client Sample ID: T375-E-0.0
Date Collected: 10/03/24 10:20
Date Received: 10/03/24 12:00

Lab Sample ID: 240-212357-5
Matrix: Solid
Percent Solids: 57.9

Method: SW846 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aroclor-1260	ND		84	35	ug/Kg	☼	10/04/24 08:58	10/04/24 18:21	1
Aroclor-1262	ND		84	37	ug/Kg	☼	10/04/24 08:58	10/04/24 18:21	1
Aroclor-1268	ND		84	27	ug/Kg	☼	10/04/24 08:58	10/04/24 18:21	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Tetrachloro-m-xylene	*69*		*10 - 149*	*10/04/24 08:58*	*10/04/24 18:21*	*1*
DCB Decachlorobiphenyl	*73*		*10 - 174*	*10/04/24 08:58*	*10/04/24 18:21*	*1*

Method: SW846 6010D - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	14		2.5	0.52	mg/Kg	☼	10/04/24 15:00	10/05/24 23:22	1
Barium	160		33	0.21	mg/Kg	☼	10/04/24 15:00	10/05/24 23:22	1
Cadmium	0.79	J	0.83	0.080	mg/Kg	☼	10/04/24 15:00	10/05/24 23:22	1
Chromium	98		1.7	0.57	mg/Kg	☼	10/04/24 15:00	10/05/24 23:22	1
Copper	11		4.1	1.2	mg/Kg	☼	10/04/24 15:00	10/05/24 23:22	1
Lead	62		1.7	0.47	mg/Kg	☼	10/04/24 15:00	10/05/24 23:22	1
Selenium	2.3	J	3.3	0.78	mg/Kg	☼	10/04/24 15:00	10/05/24 23:22	1
Silver	0.33	J	1.7	0.13	mg/Kg	☼	10/04/24 15:00	10/05/24 23:22	1
Zinc	10000		83	60	mg/Kg	☼	10/04/24 15:00	10/06/24 16:32	10

Method: SW846 7471B - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.077	J	0.16	0.029	mg/Kg	☼	10/04/24 15:00	10/07/24 11:19	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cyanide, Total (SW846 9012B)	1200		49	39	mg/Kg	☼	10/07/24 08:58	10/07/24 14:34	25

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Solids (EPA Moisture)	57.9		0.1	0.1	%			10/03/24 19:07	1
Percent Moisture (EPA Moisture)	42.1		0.1	0.1	%			10/03/24 19:07	1

Client: August Mack Environmental, Inc.
Project/Site: MSC Canfield - Soil

Job ID: 240-212357-1

Client Sample ID: T375-W-0.0
Date Collected: 10/03/24 10:25
Date Received: 10/03/24 12:00

Lab Sample ID: 240-212357-6
Matrix: Solid
Percent Solids: 59.8

Method: SW846 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		8.1	2.9	ug/Kg	☼	10/04/24 11:04	10/04/24 19:55	1
1,1,2,2-Tetrachloroethane	ND		8.1	2.3	ug/Kg	☼	10/04/24 11:04	10/04/24 19:55	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		8.1	2.1	ug/Kg	☼	10/04/24 11:04	10/04/24 19:55	1
1,1,2-Trichloroethane	ND		8.1	1.8	ug/Kg	☼	10/04/24 11:04	10/04/24 19:55	1
1,1-Dichloroethane	ND		8.1	2.3	ug/Kg	☼	10/04/24 11:04	10/04/24 19:55	1
1,1-Dichloroethene	ND		8.1	2.9	ug/Kg	☼	10/04/24 11:04	10/04/24 19:55	1
1,2,4-Trichlorobenzene	ND		8.1	4.0	ug/Kg	☼	10/04/24 11:04	10/04/24 19:55	1
1,2-Dibromo-3-Chloropropane	ND		16	5.8	ug/Kg	☼	10/04/24 11:04	10/04/24 19:55	1
Ethylene Dibromide	ND		8.1	1.2	ug/Kg	☼	10/04/24 11:04	10/04/24 19:55	1
1,2-Dichlorobenzene	ND		8.1	1.8	ug/Kg	☼	10/04/24 11:04	10/04/24 19:55	1
1,2-Dichloroethane	ND		8.1	2.9	ug/Kg	☼	10/04/24 11:04	10/04/24 19:55	1
1,2-Dichloropropane	ND		8.1	1.4	ug/Kg	☼	10/04/24 11:04	10/04/24 19:55	1
1,3-Dichlorobenzene	ND		8.1	2.7	ug/Kg	☼	10/04/24 11:04	10/04/24 19:55	1
1,4-Dichlorobenzene	ND		8.1	1.4	ug/Kg	☼	10/04/24 11:04	10/04/24 19:55	1
2-Butanone (MEK)	ND		32	5.7	ug/Kg	☼	10/04/24 11:04	10/04/24 19:55	1
2-Hexanone	ND		32	6.6	ug/Kg	☼	10/04/24 11:04	10/04/24 19:55	1
4-Methyl-2-pentanone (MIBK)	ND		32	6.0	ug/Kg	☼	10/04/24 11:04	10/04/24 19:55	1
Acetone	ND		40	34	ug/Kg	☼	10/04/24 11:04	10/04/24 19:55	1
Benzene	ND		8.1	1.1	ug/Kg	☼	10/04/24 11:04	10/04/24 19:55	1
Dichlorobromomethane	ND		8.1	2.4	ug/Kg	☼	10/04/24 11:04	10/04/24 19:55	1
Bromoform	ND		8.1	3.9	ug/Kg	☼	10/04/24 11:04	10/04/24 19:55	1
Bromomethane	ND		8.1	6.7	ug/Kg	☼	10/04/24 11:04	10/04/24 19:55	1
Carbon disulfide	ND		8.1	1.9	ug/Kg	☼	10/04/24 11:04	10/04/24 19:55	1
Carbon tetrachloride	ND		8.1	5.2	ug/Kg	☼	10/04/24 11:04	10/04/24 19:55	1
Chlorobenzene	ND		8.1	1.5	ug/Kg	☼	10/04/24 11:04	10/04/24 19:55	1
Chloroethane	ND		8.1	4.4	ug/Kg	☼	10/04/24 11:04	10/04/24 19:55	1
Chloroform	ND		8.1	1.3	ug/Kg	☼	10/04/24 11:04	10/04/24 19:55	1
Chloromethane	ND		8.1	3.7	ug/Kg	☼	10/04/24 11:04	10/04/24 19:55	1
cis-1,2-Dichloroethene	ND		8.1	2.4	ug/Kg	☼	10/04/24 11:04	10/04/24 19:55	1
cis-1,3-Dichloropropene	ND		8.1	4.6	ug/Kg	☼	10/04/24 11:04	10/04/24 19:55	1
Cyclohexane	ND		16	2.2	ug/Kg	☼	10/04/24 11:04	10/04/24 19:55	1
Chlorodibromomethane	ND		8.1	4.5	ug/Kg	☼	10/04/24 11:04	10/04/24 19:55	1
Dichlorodifluoromethane	ND		8.1	3.6	ug/Kg	☼	10/04/24 11:04	10/04/24 19:55	1
Ethylbenzene	ND		8.1	1.7	ug/Kg	☼	10/04/24 11:04	10/04/24 19:55	1
Isopropylbenzene	ND		8.1	3.1	ug/Kg	☼	10/04/24 11:04	10/04/24 19:55	1
Methyl acetate	ND		40	5.5	ug/Kg	☼	10/04/24 11:04	10/04/24 19:55	1
Methyl tert-butyl ether	ND		8.1	3.2	ug/Kg	☼	10/04/24 11:04	10/04/24 19:55	1
Methylcyclohexane	ND		16	2.0	ug/Kg	☼	10/04/24 11:04	10/04/24 19:55	1
Methylene Chloride	ND		40	19	ug/Kg	☼	10/04/24 11:04	10/04/24 19:55	1
Styrene	ND		8.1	1.9	ug/Kg	☼	10/04/24 11:04	10/04/24 19:55	1
Tetrachloroethene	ND		8.1	6.3	ug/Kg	☼	10/04/24 11:04	10/04/24 19:55	1
Toluene	ND		8.1	1.2	ug/Kg	☼	10/04/24 11:04	10/04/24 19:55	1
trans-1,2-Dichloroethene	ND		8.1	2.3	ug/Kg	☼	10/04/24 11:04	10/04/24 19:55	1
trans-1,3-Dichloropropene	ND		8.1	6.0	ug/Kg	☼	10/04/24 11:04	10/04/24 19:55	1
Trichloroethene	ND		8.1	2.3	ug/Kg	☼	10/04/24 11:04	10/04/24 19:55	1
Trichlorofluoromethane	ND		8.1	4.3	ug/Kg	☼	10/04/24 11:04	10/04/24 19:55	1
Vinyl chloride	ND		8.1	2.9	ug/Kg	☼	10/04/24 11:04	10/04/24 19:55	1
Xylenes, Total	ND		16	2.6	ug/Kg	☼	10/04/24 11:04	10/04/24 19:55	1

Client: August Mack Environmental, Inc.
Project/Site: MSC Canfield - Soil

Job ID: 240-212357-1

Client Sample ID: T375-W-0.0
Date Collected: 10/03/24 10:25
Date Received: 10/03/24 12:00

Lab Sample ID: 240-212357-6
Matrix: Solid
Percent Solids: 59.8

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Toluene-d8 (Surr)	*102*		*56 - 125*	*10/04/24 11:04*	*10/04/24 19:55*	*1*
Dibromofluoromethane (Surr)	*96*		*41 - 138*	*10/04/24 11:04*	*10/04/24 19:55*	*1*
4-Bromofluorobenzene (Surr)	*96*		*41 - 143*	*10/04/24 11:04*	*10/04/24 19:55*	*1*
1,2-Dichloroethane-d4 (Surr)	*103*		*58 - 125*	*10/04/24 11:04*	*10/04/24 19:55*	*1*

Method: SW846 8270E - Semivolatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1'-Biphenyl	ND		330	93	ug/Kg	☼	10/04/24 08:53	10/07/24 19:23	2
bis (2-chloroisopropyl) ether	ND		330	86	ug/Kg	☼	10/04/24 08:53	10/07/24 19:23	2
2,4,5-Trichlorophenol	ND		500	110	ug/Kg	☼	10/04/24 08:53	10/07/24 19:23	2
2,4,6-Trichlorophenol	ND		500	96	ug/Kg	☼	10/04/24 08:53	10/07/24 19:23	2
2,4-Dichlorophenol	ND		500	90	ug/Kg	☼	10/04/24 08:53	10/07/24 19:23	2
2,4-Dimethylphenol	ND		500	120	ug/Kg	☼	10/04/24 08:53	10/07/24 19:23	2
2,4-Dinitrophenol	ND		1100	570	ug/Kg	☼	10/04/24 08:53	10/07/24 19:23	2
2,4-Dinitrotoluene	ND		660	76	ug/Kg	☼	10/04/24 08:53	10/07/24 19:23	2
2,6-Dinitrotoluene	ND		660	120	ug/Kg	☼	10/04/24 08:53	10/07/24 19:23	2
2-Chloronaphthalene	ND		330	93	ug/Kg	☼	10/04/24 08:53	10/07/24 19:23	2
2-Chlorophenol	ND		330	86	ug/Kg	☼	10/04/24 08:53	10/07/24 19:23	2
2-Methylnaphthalene	**180**		130	43	ug/Kg	☼	10/04/24 08:53	10/07/24 19:23	2
2-Methylphenol	ND		660	140	ug/Kg	☼	10/04/24 08:53	10/07/24 19:23	2
2-Nitroaniline	ND		660	130	ug/Kg	☼	10/04/24 08:53	10/07/24 19:23	2
2-Nitrophenol	ND		330	120	ug/Kg	☼	10/04/24 08:53	10/07/24 19:23	2
3,3'-Dichlorobenzidine	ND		500	320	ug/Kg	☼	10/04/24 08:53	10/07/24 19:23	2
3-Nitroaniline	ND		660	120	ug/Kg	☼	10/04/24 08:53	10/07/24 19:23	2
4,6-Dinitro-2-methylphenol	ND		1100	340	ug/Kg	☼	10/04/24 08:53	10/07/24 19:23	2
4-Bromophenyl phenyl ether	ND		330	110	ug/Kg	☼	10/04/24 08:53	10/07/24 19:23	2
4-Chloro-3-methylphenol	ND		500	130	ug/Kg	☼	10/04/24 08:53	10/07/24 19:23	2
4-Chloroaniline	ND		500	53	ug/Kg	☼	10/04/24 08:53	10/07/24 19:23	2
4-Chlorophenyl phenyl ether	ND		330	93	ug/Kg	☼	10/04/24 08:53	10/07/24 19:23	2
4-Nitroaniline	ND		660	86	ug/Kg	☼	10/04/24 08:53	10/07/24 19:23	2
4-Nitrophenol	ND		1100	300	ug/Kg	☼	10/04/24 08:53	10/07/24 19:23	2
Acenaphthene	**130**		130	46	ug/Kg	☼	10/04/24 08:53	10/07/24 19:23	2
Acenaphthylene	**130**		130	50	ug/Kg	☼	10/04/24 08:53	10/07/24 19:23	2
Acetophenone	ND		330	83	ug/Kg	☼	10/04/24 08:53	10/07/24 19:23	2
Anthracene	**390**		130	40	ug/Kg	☼	10/04/24 08:53	10/07/24 19:23	2
Atrazine	ND		1100	230	ug/Kg	☼	10/04/24 08:53	10/07/24 19:23	2
Benzaldehyde	ND		1100	190	ug/Kg	☼	10/04/24 08:53	10/07/24 19:23	2
Benzo[a]anthracene	**2100**		130	50	ug/Kg	☼	10/04/24 08:53	10/07/24 19:23	2
Benzo[a]pyrene	**3200**		130	46	ug/Kg	☼	10/04/24 08:53	10/07/24 19:23	2
Benzo[b]fluoranthene	**6600**		130	40	ug/Kg	☼	10/04/24 08:53	10/07/24 19:23	2
Benzo[g,h,i]perylene	**2000**		130	90	ug/Kg	☼	10/04/24 08:53	10/07/24 19:23	2
Benzo[k]fluoranthene	**1800**		130	33	ug/Kg	☼	10/04/24 08:53	10/07/24 19:23	2
Bis(2-chloroethoxy)methane	ND		330	66	ug/Kg	☼	10/04/24 08:53	10/07/24 19:23	2
Bis(2-chloroethyl)ether	ND		330	73	ug/Kg	☼	10/04/24 08:53	10/07/24 19:23	2
Bis(2-ethylhexyl) phthalate	**230**	**J**	500	190	ug/Kg	☼	10/04/24 08:53	10/07/24 19:23	2
Butyl benzyl phthalate	ND		500	170	ug/Kg	☼	10/04/24 08:53	10/07/24 19:23	2
Caprolactam	ND		1100	230	ug/Kg	☼	10/04/24 08:53	10/07/24 19:23	2
Carbazole	**510**		330	90	ug/Kg	☼	10/04/24 08:53	10/07/24 19:23	2
Chrysene	**3700**		130	46	ug/Kg	☼	10/04/24 08:53	10/07/24 19:23	2
Dibenz(a,h)anthracene	**420**		130	50	ug/Kg	☼	10/04/24 08:53	10/07/24 19:23	2

Client Sample ID: T375-W-0.0
Date Collected: 10/03/24 10:25
Date Received: 10/03/24 12:00

Lab Sample ID: 240-212357-6
Matrix: Solid
Percent Solids: 59.8

Method: SW846 8270E - Semivolatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Dibenzofuran	**100**	**J**	330	96	ug/Kg	☼	10/04/24 08:53	10/07/24 19:23	2
Diethyl phthalate	ND		500	140	ug/Kg	☼	10/04/24 08:53	10/07/24 19:23	2
Dimethyl phthalate	ND		500	130	ug/Kg	☼	10/04/24 08:53	10/07/24 19:23	2
Di-n-butyl phthalate	ND		500	170	ug/Kg	☼	10/04/24 08:53	10/07/24 19:23	2
Di-n-octyl phthalate	ND		500	170	ug/Kg	☼	10/04/24 08:53	10/07/24 19:23	2
Fluoranthene	**6600**		130	46	ug/Kg	☼	10/04/24 08:53	10/07/24 19:23	2
Fluorene	**130**		130	46	ug/Kg	☼	10/04/24 08:53	10/07/24 19:23	2
Hexachlorobenzene	ND		130	46	ug/Kg	☼	10/04/24 08:53	10/07/24 19:23	2
Hexachlorobutadiene	ND		330	70	ug/Kg	☼	10/04/24 08:53	10/07/24 19:23	2
Hexachlorocyclopentadiene	ND		1100	130	ug/Kg	☼	10/04/24 08:53	10/07/24 19:23	2
Hexachloroethane	ND		330	110	ug/Kg	☼	10/04/24 08:53	10/07/24 19:23	2
Indeno[1,2,3-cd]pyrene	**1700**		130	40	ug/Kg	☼	10/04/24 08:53	10/07/24 19:23	2
Isophorone	ND		330	86	ug/Kg	☼	10/04/24 08:53	10/07/24 19:23	2
N-Nitrosodi-n-propylamine	ND		330	120	ug/Kg	☼	10/04/24 08:53	10/07/24 19:23	2
N-Nitrosodiphenylamine	ND		330	90	ug/Kg	☼	10/04/24 08:53	10/07/24 19:23	2
Naphthalene	**140**		130	43	ug/Kg	☼	10/04/24 08:53	10/07/24 19:23	2
Nitrobenzene	ND		330	73	ug/Kg	☼	10/04/24 08:53	10/07/24 19:23	2
Pentachlorophenol	ND		900	350	ug/Kg	☼	10/04/24 08:53	10/07/24 19:23	2
Phenanthrene	**2300**		130	43	ug/Kg	☼	10/04/24 08:53	10/07/24 19:23	2
Phenol	ND		330	130	ug/Kg	☼	10/04/24 08:53	10/07/24 19:23	2
Pyrene	**5300**		130	53	ug/Kg	☼	10/04/24 08:53	10/07/24 19:23	2
3 & 4 Methylphenol	ND		1300	140	ug/Kg	☼	10/04/24 08:53	10/07/24 19:23	2

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Terphenyl-d14 (Surr)	*78*		*37 - 120*	*10/04/24 08:53*	*10/07/24 19:23*	*2*
Phenol-d5 (Surr)	*78*		*29 - 120*	*10/04/24 08:53*	*10/07/24 19:23*	*2*
Nitrobenzene-d5 (Surr)	*68*		*28 - 120*	*10/04/24 08:53*	*10/07/24 19:23*	*2*
2-Fluorophenol (Surr)	*72*		*26 - 120*	*10/04/24 08:53*	*10/07/24 19:23*	*2*
2-Fluorobiphenyl (Surr)	*83*		*36 - 120*	*10/04/24 08:53*	*10/07/24 19:23*	*2*
2,4,6-Tribromophenol (Surr)	*80*		*10 - 120*	*10/04/24 08:53*	*10/07/24 19:23*	*2*

Method: SW846 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aroclor-1016	ND		83	41	ug/Kg	☼	10/04/24 08:58	10/07/24 14:53	1
Aroclor-1221	ND		83	50	ug/Kg	☼	10/04/24 08:58	10/07/24 14:53	1
Aroclor-1232	ND		83	35	ug/Kg	☼	10/04/24 08:58	10/07/24 14:53	1
Aroclor-1242	ND		83	31	ug/Kg	☼	10/04/24 08:58	10/07/24 14:53	1
Aroclor-1248	ND		83	28	ug/Kg	☼	10/04/24 08:58	10/07/24 14:53	1
Aroclor-1254	**39**	**J**	83	35	ug/Kg	☼	10/04/24 08:58	10/07/24 14:53	1
Aroclor-1260	ND		83	35	ug/Kg	☼	10/04/24 08:58	10/07/24 14:53	1
Aroclor-1262	ND		83	36	ug/Kg	☼	10/04/24 08:58	10/07/24 14:53	1
Aroclor-1268	ND		83	26	ug/Kg	☼	10/04/24 08:58	10/07/24 14:53	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Tetrachloro-m-xylene	*73*		*10 - 149*	*10/04/24 08:58*	*10/07/24 14:53*	*1*
DCB Decachlorobiphenyl	*71*		*10 - 174*	*10/04/24 08:58*	*10/07/24 14:53*	*1*

Method: SW846 6010D - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	**12**		2.3	0.49	mg/Kg	☼	10/04/24 15:00	10/05/24 23:27	1

Client: August Mack Environmental, Inc.
Project/Site: MSC Canfield - Soil

Job ID: 240-212357-1

Client Sample ID: T375-W-0.0
Date Collected: 10/03/24 10:25
Date Received: 10/03/24 12:00

Lab Sample ID: 240-212357-6
Matrix: Solid
Percent Solids: 59.8

Method: SW846 6010D - Metals (ICP) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Barium	150		31	0.20	mg/Kg	☼	10/04/24 15:00	10/05/24 23:27	1
Cadmium	0.75	J	0.77	0.074	mg/Kg	☼	10/04/24 15:00	10/05/24 23:27	1
Chromium	93		1.5	0.53	mg/Kg	☼	10/04/24 15:00	10/05/24 23:27	1
Copper	12		3.9	1.1	mg/Kg	☼	10/04/24 15:00	10/05/24 23:27	1
Lead	57		1.5	0.44	mg/Kg	☼	10/04/24 15:00	10/05/24 23:27	1
Selenium	2.0	J	3.1	0.73	mg/Kg	☼	10/04/24 15:00	10/05/24 23:27	1
Silver	0.22	J	1.5	0.13	mg/Kg	☼	10/04/24 15:00	10/05/24 23:27	1
Zinc	8200		77	56	mg/Kg	☼	10/04/24 15:00	10/06/24 16:36	10

Method: SW846 7471B - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.081	J	0.16	0.029	mg/Kg	☼	10/04/24 15:00	10/07/24 11:21	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cyanide, Total (SW846 9012B)	1300		58	46	mg/Kg	☼	10/07/24 08:58	10/07/24 14:38	25

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Solids (EPA Moisture)	59.8		0.1	0.1	%			10/03/24 19:07	1
Percent Moisture (EPA Moisture)	40.2		0.1	0.1	%			10/03/24 19:07	1

Client: August Mack Environmental, Inc.
Project/Site: MSC Canfield - Soil

Job ID: 240-212357-1

Client Sample ID: T500-E-0.0
Date Collected: 10/03/24 10:30
Date Received: 10/03/24 12:00

Lab Sample ID: 240-212357-7
Matrix: Solid
Percent Solids: 67.0

Method: SW846 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		7.4	2.6	ug/Kg	☼	10/04/24 11:04	10/04/24 20:14	1
1,1,2,2-Tetrachloroethane	ND		7.4	2.1	ug/Kg	☼	10/04/24 11:04	10/04/24 20:14	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		7.4	1.9	ug/Kg	☼	10/04/24 11:04	10/04/24 20:14	1
1,1,2-Trichloroethane	ND		7.4	1.7	ug/Kg	☼	10/04/24 11:04	10/04/24 20:14	1
1,1-Dichloroethane	ND		7.4	2.1	ug/Kg	☼	10/04/24 11:04	10/04/24 20:14	1
1,1-Dichloroethene	ND		7.4	2.7	ug/Kg	☼	10/04/24 11:04	10/04/24 20:14	1
1,2,4-Trichlorobenzene	ND		7.4	3.7	ug/Kg	☼	10/04/24 11:04	10/04/24 20:14	1
1,2-Dibromo-3-Chloropropane	ND		15	5.3	ug/Kg	☼	10/04/24 11:04	10/04/24 20:14	1
Ethylene Dibromide	ND		7.4	1.1	ug/Kg	☼	10/04/24 11:04	10/04/24 20:14	1
1,2-Dichlorobenzene	ND		7.4	1.6	ug/Kg	☼	10/04/24 11:04	10/04/24 20:14	1
1,2-Dichloroethane	ND		7.4	2.7	ug/Kg	☼	10/04/24 11:04	10/04/24 20:14	1
1,2-Dichloropropane	ND		7.4	1.3	ug/Kg	☼	10/04/24 11:04	10/04/24 20:14	1
1,3-Dichlorobenzene	ND		7.4	2.4	ug/Kg	☼	10/04/24 11:04	10/04/24 20:14	1
1,4-Dichlorobenzene	ND		7.4	1.3	ug/Kg	☼	10/04/24 11:04	10/04/24 20:14	1
2-Butanone (MEK)	ND		30	5.3	ug/Kg	☼	10/04/24 11:04	10/04/24 20:14	1
2-Hexanone	ND		30	6.1	ug/Kg	☼	10/04/24 11:04	10/04/24 20:14	1
4-Methyl-2-pentanone (MIBK)	ND		30	5.5	ug/Kg	☼	10/04/24 11:04	10/04/24 20:14	1
Acetone	ND		37	31	ug/Kg	☼	10/04/24 11:04	10/04/24 20:14	1
Benzene	ND		7.4	1.0	ug/Kg	☼	10/04/24 11:04	10/04/24 20:14	1
Dichlorobromomethane	ND		7.4	2.2	ug/Kg	☼	10/04/24 11:04	10/04/24 20:14	1
Bromoform	ND		7.4	3.6	ug/Kg	☼	10/04/24 11:04	10/04/24 20:14	1
Bromomethane	ND		7.4	6.2	ug/Kg	☼	10/04/24 11:04	10/04/24 20:14	1
Carbon disulfide	ND		7.4	1.7	ug/Kg	☼	10/04/24 11:04	10/04/24 20:14	1
Carbon tetrachloride	ND		7.4	4.8	ug/Kg	☼	10/04/24 11:04	10/04/24 20:14	1
Chlorobenzene	ND		7.4	1.4	ug/Kg	☼	10/04/24 11:04	10/04/24 20:14	1
Chloroethane	ND		7.4	4.1	ug/Kg	☼	10/04/24 11:04	10/04/24 20:14	1
Chloroform	ND		7.4	1.2	ug/Kg	☼	10/04/24 11:04	10/04/24 20:14	1
Chloromethane	ND		7.4	3.4	ug/Kg	☼	10/04/24 11:04	10/04/24 20:14	1
cis-1,2-Dichloroethene	ND		7.4	2.2	ug/Kg	☼	10/04/24 11:04	10/04/24 20:14	1
cis-1,3-Dichloropropene	ND		7.4	4.3	ug/Kg	☼	10/04/24 11:04	10/04/24 20:14	1
Cyclohexane	ND		15	2.0	ug/Kg	☼	10/04/24 11:04	10/04/24 20:14	1
Chlorodibromomethane	ND		7.4	4.1	ug/Kg	☼	10/04/24 11:04	10/04/24 20:14	1
Dichlorodifluoromethane	ND		7.4	3.4	ug/Kg	☼	10/04/24 11:04	10/04/24 20:14	1
Ethylbenzene	ND		7.4	1.6	ug/Kg	☼	10/04/24 11:04	10/04/24 20:14	1
Isopropylbenzene	ND		7.4	2.8	ug/Kg	☼	10/04/24 11:04	10/04/24 20:14	1
Methyl acetate	ND		37	5.0	ug/Kg	☼	10/04/24 11:04	10/04/24 20:14	1
Methyl tert-butyl ether	ND		7.4	2.9	ug/Kg	☼	10/04/24 11:04	10/04/24 20:14	1
Methylcyclohexane	ND		15	1.8	ug/Kg	☼	10/04/24 11:04	10/04/24 20:14	1
Methylene Chloride	ND		37	18	ug/Kg	☼	10/04/24 11:04	10/04/24 20:14	1
Styrene	ND		7.4	1.7	ug/Kg	☼	10/04/24 11:04	10/04/24 20:14	1
Tetrachloroethene	**7.4**		7.4	5.8	ug/Kg	☼	10/04/24 11:04	10/04/24 20:14	1
Toluene	ND		7.4	1.1	ug/Kg	☼	10/04/24 11:04	10/04/24 20:14	1
trans-1,2-Dichloroethene	ND		7.4	2.1	ug/Kg	☼	10/04/24 11:04	10/04/24 20:14	1
trans-1,3-Dichloropropene	ND		7.4	5.5	ug/Kg	☼	10/04/24 11:04	10/04/24 20:14	1
Trichloroethene	ND		7.4	2.1	ug/Kg	☼	10/04/24 11:04	10/04/24 20:14	1
Trichlorofluoromethane	ND		7.4	4.0	ug/Kg	☼	10/04/24 11:04	10/04/24 20:14	1
Vinyl chloride	ND		7.4	2.6	ug/Kg	☼	10/04/24 11:04	10/04/24 20:14	1
Xylenes, Total	ND		15	2.4	ug/Kg	☼	10/04/24 11:04	10/04/24 20:14	1

Client: August Mack Environmental, Inc.
Project/Site: MSC Canfield - Soil

Job ID: 240-212357-1

Client Sample ID: T500-E-0.0
Date Collected: 10/03/24 10:30
Date Received: 10/03/24 12:00

Lab Sample ID: 240-212357-7
Matrix: Solid
Percent Solids: 67.0

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Toluene-d8 (Surr)	*100*		*56 - 125*	*10/04/24 11:04*	*10/04/24 20:14*	*1*
Dibromofluoromethane (Surr)	*88*		*41 - 138*	*10/04/24 11:04*	*10/04/24 20:14*	*1*
4-Bromofluorobenzene (Surr)	*87*		*41 - 143*	*10/04/24 11:04*	*10/04/24 20:14*	*1*
1,2-Dichloroethane-d4 (Surr)	*96*		*58 - 125*	*10/04/24 11:04*	*10/04/24 20:14*	*1*

Method: SW846 8270E - Semivolatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1'-Biphenyl	ND		290	81	ug/Kg	☼	10/04/24 08:53	10/07/24 19:47	2
bis (2-chloroisopropyl) ether	ND		290	75	ug/Kg	☼	10/04/24 08:53	10/07/24 19:47	2
2,4,5-Trichlorophenol	ND		440	96	ug/Kg	☼	10/04/24 08:53	10/07/24 19:47	2
2,4,6-Trichlorophenol	ND		440	84	ug/Kg	☼	10/04/24 08:53	10/07/24 19:47	2
2,4-Dichlorophenol	ND		440	78	ug/Kg	☼	10/04/24 08:53	10/07/24 19:47	2
2,4-Dimethylphenol	ND		440	100	ug/Kg	☼	10/04/24 08:53	10/07/24 19:47	2
2,4-Dinitrophenol	ND		960	500	ug/Kg	☼	10/04/24 08:53	10/07/24 19:47	2
2,4-Dinitrotoluene	ND		580	67	ug/Kg	☼	10/04/24 08:53	10/07/24 19:47	2
2,6-Dinitrotoluene	ND		580	100	ug/Kg	☼	10/04/24 08:53	10/07/24 19:47	2
2-Chloronaphthalene	ND		290	81	ug/Kg	☼	10/04/24 08:53	10/07/24 19:47	2
2-Chlorophenol	ND		290	75	ug/Kg	☼	10/04/24 08:53	10/07/24 19:47	2
2-Methylnaphthalene	**130**		120	38	ug/Kg	☼	10/04/24 08:53	10/07/24 19:47	2
2-Methylphenol	ND		580	120	ug/Kg	☼	10/04/24 08:53	10/07/24 19:47	2
2-Nitroaniline	ND		580	110	ug/Kg	☼	10/04/24 08:53	10/07/24 19:47	2
2-Nitrophenol	ND		290	100	ug/Kg	☼	10/04/24 08:53	10/07/24 19:47	2
3,3'-Dichlorobenzidine	ND		440	280	ug/Kg	☼	10/04/24 08:53	10/07/24 19:47	2
3-Nitroaniline	ND		580	100	ug/Kg	☼	10/04/24 08:53	10/07/24 19:47	2
4,6-Dinitro-2-methylphenol	ND		960	300	ug/Kg	☼	10/04/24 08:53	10/07/24 19:47	2
4-Bromophenyl phenyl ether	ND		290	93	ug/Kg	☼	10/04/24 08:53	10/07/24 19:47	2
4-Chloro-3-methylphenol	ND		440	110	ug/Kg	☼	10/04/24 08:53	10/07/24 19:47	2
4-Chloroaniline	ND		440	46	ug/Kg	☼	10/04/24 08:53	10/07/24 19:47	2
4-Chlorophenyl phenyl ether	ND		290	81	ug/Kg	☼	10/04/24 08:53	10/07/24 19:47	2
4-Nitroaniline	ND		580	75	ug/Kg	☼	10/04/24 08:53	10/07/24 19:47	2
4-Nitrophenol	ND		960	260	ug/Kg	☼	10/04/24 08:53	10/07/24 19:47	2
Acenaphthene	**72**	**J**	120	41	ug/Kg	☼	10/04/24 08:53	10/07/24 19:47	2
Acenaphthylene	**120**		120	44	ug/Kg	☼	10/04/24 08:53	10/07/24 19:47	2
Acetophenone	ND		290	73	ug/Kg	☼	10/04/24 08:53	10/07/24 19:47	2
Anthracene	**270**		120	35	ug/Kg	☼	10/04/24 08:53	10/07/24 19:47	2
Atrazine	ND		960	200	ug/Kg	☼	10/04/24 08:53	10/07/24 19:47	2
Benzaldehyde	ND		960	160	ug/Kg	☼	10/04/24 08:53	10/07/24 19:47	2
Benzo[a]anthracene	**1500**		120	44	ug/Kg	☼	10/04/24 08:53	10/07/24 19:47	2
Benzo[a]pyrene	**2200**		120	41	ug/Kg	☼	10/04/24 08:53	10/07/24 19:47	2
Benzo[b]fluoranthene	**4300**		120	35	ug/Kg	☼	10/04/24 08:53	10/07/24 19:47	2
Benzo[g,h,i]perylene	**1400**		120	78	ug/Kg	☼	10/04/24 08:53	10/07/24 19:47	2
Benzo[k]fluoranthene	**1100**		120	29	ug/Kg	☼	10/04/24 08:53	10/07/24 19:47	2
Bis(2-chloroethoxy)methane	ND		290	58	ug/Kg	☼	10/04/24 08:53	10/07/24 19:47	2
Bis(2-chloroethyl)ether	ND		290	64	ug/Kg	☼	10/04/24 08:53	10/07/24 19:47	2
Bis(2-ethylhexyl) phthalate	**320**	**J**	440	160	ug/Kg	☼	10/04/24 08:53	10/07/24 19:47	2
Butyl benzyl phthalate	ND		440	150	ug/Kg	☼	10/04/24 08:53	10/07/24 19:47	2
Caprolactam	ND		960	200	ug/Kg	☼	10/04/24 08:53	10/07/24 19:47	2
Carbazole	**300**		290	78	ug/Kg	☼	10/04/24 08:53	10/07/24 19:47	2
Chrysene	**2300**		120	41	ug/Kg	☼	10/04/24 08:53	10/07/24 19:47	2
Dibenz(a,h)anthracene	**330**		120	44	ug/Kg	☼	10/04/24 08:53	10/07/24 19:47	2

Client Sample ID: T500-E-0.0
Date Collected: 10/03/24 10:30
Date Received: 10/03/24 12:00

Lab Sample ID: 240-212357-7
Matrix: Solid
Percent Solids: 67.0

Method: SW846 8270E - Semivolatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Dibenzofuran	ND		290	84	ug/Kg	☼	10/04/24 08:53	10/07/24 19:47	2
Diethyl phthalate	ND		440	120	ug/Kg	☼	10/04/24 08:53	10/07/24 19:47	2
Dimethyl phthalate	ND		440	120	ug/Kg	☼	10/04/24 08:53	10/07/24 19:47	2
Di-n-butyl phthalate	ND		440	150	ug/Kg	☼	10/04/24 08:53	10/07/24 19:47	2
Di-n-octyl phthalate	ND		440	150	ug/Kg	☼	10/04/24 08:53	10/07/24 19:47	2
Fluoranthene	**4000**		120	41	ug/Kg	☼	10/04/24 08:53	10/07/24 19:47	2
Fluorene	**78**	**J**	120	41	ug/Kg	☼	10/04/24 08:53	10/07/24 19:47	2
Hexachlorobenzene	ND		120	41	ug/Kg	☼	10/04/24 08:53	10/07/24 19:47	2
Hexachlorobutadiene	ND		290	61	ug/Kg	☼	10/04/24 08:53	10/07/24 19:47	2
Hexachlorocyclopentadiene	ND		960	110	ug/Kg	☼	10/04/24 08:53	10/07/24 19:47	2
Hexachloroethane	ND		290	93	ug/Kg	☼	10/04/24 08:53	10/07/24 19:47	2
Indeno[1,2,3-cd]pyrene	**1200**		120	35	ug/Kg	☼	10/04/24 08:53	10/07/24 19:47	2
Isophorone	ND		290	75	ug/Kg	☼	10/04/24 08:53	10/07/24 19:47	2
N-Nitrosodi-n-propylamine	ND		290	110	ug/Kg	☼	10/04/24 08:53	10/07/24 19:47	2
N-Nitrosodiphenylamine	ND		290	78	ug/Kg	☼	10/04/24 08:53	10/07/24 19:47	2
Naphthalene	**120**		120	38	ug/Kg	☼	10/04/24 08:53	10/07/24 19:47	2
Nitrobenzene	ND		290	64	ug/Kg	☼	10/04/24 08:53	10/07/24 19:47	2
Pentachlorophenol	ND		780	300	ug/Kg	☼	10/04/24 08:53	10/07/24 19:47	2
Phenanthrene	**1400**		120	38	ug/Kg	☼	10/04/24 08:53	10/07/24 19:47	2
Phenol	ND		290	110	ug/Kg	☼	10/04/24 08:53	10/07/24 19:47	2
Pyrene	**3200**		120	46	ug/Kg	☼	10/04/24 08:53	10/07/24 19:47	2
3 & 4 Methylphenol	ND		1200	120	ug/Kg	☼	10/04/24 08:53	10/07/24 19:47	2

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Terphenyl-d14 (Surr)	*76*		*37 - 120*	*10/04/24 08:53*	*10/07/24 19:47*	*2*
Phenol-d5 (Surr)	*83*		*29 - 120*	*10/04/24 08:53*	*10/07/24 19:47*	*2*
Nitrobenzene-d5 (Surr)	*70*		*28 - 120*	*10/04/24 08:53*	*10/07/24 19:47*	*2*
2-Fluorophenol (Surr)	*76*		*26 - 120*	*10/04/24 08:53*	*10/07/24 19:47*	*2*
2-Fluorobiphenyl (Surr)	*81*		*36 - 120*	*10/04/24 08:53*	*10/07/24 19:47*	*2*
2,4,6-Tribromophenol (Surr)	*92*		*10 - 120*	*10/04/24 08:53*	*10/07/24 19:47*	*2*

Method: SW846 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aroclor-1016	ND		75	38	ug/Kg	☼	10/04/24 08:58	10/04/24 18:49	1
Aroclor-1221	ND		75	45	ug/Kg	☼	10/04/24 08:58	10/04/24 18:49	1
Aroclor-1232	ND		75	32	ug/Kg	☼	10/04/24 08:58	10/04/24 18:49	1
Aroclor-1242	ND		75	29	ug/Kg	☼	10/04/24 08:58	10/04/24 18:49	1
Aroclor-1248	ND		75	26	ug/Kg	☼	10/04/24 08:58	10/04/24 18:49	1
Aroclor-1254	**37**	**J**	75	32	ug/Kg	☼	10/04/24 08:58	10/04/24 18:49	1
Aroclor-1260	ND		75	32	ug/Kg	☼	10/04/24 08:58	10/04/24 18:49	1
Aroclor-1262	ND		75	33	ug/Kg	☼	10/04/24 08:58	10/04/24 18:49	1
Aroclor-1268	ND		75	24	ug/Kg	☼	10/04/24 08:58	10/04/24 18:49	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Tetrachloro-m-xylene	*76*		*10 - 149*	*10/04/24 08:58*	*10/04/24 18:49*	*1*
DCB Decachlorobiphenyl	*78*		*10 - 174*	*10/04/24 08:58*	*10/04/24 18:49*	*1*

Method: SW846 6010D - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	**11**		2.2	0.47	mg/Kg	☼	10/04/24 15:00	10/05/24 23:32	1

Client: August Mack Environmental, Inc.
Project/Site: MSC Canfield - Soil

Job ID: 240-212357-1

Client Sample ID: T500-E-0.0
Date Collected: 10/03/24 10:30
Date Received: 10/03/24 12:00

Lab Sample ID: 240-212357-7
Matrix: Solid
Percent Solids: 67.0

Method: SW846 6010D - Metals (ICP) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Barium	150		30	0.19	mg/Kg	☼	10/04/24 15:00	10/05/24 23:32	1
Cadmium	0.90		0.74	0.071	mg/Kg	☼	10/04/24 15:00	10/05/24 23:32	1
Chromium	64		1.5	0.51	mg/Kg	☼	10/04/24 15:00	10/05/24 23:32	1
Copper	27		3.7	1.0	mg/Kg	☼	10/04/24 15:00	10/05/24 23:32	1
Lead	54		1.5	0.42	mg/Kg	☼	10/04/24 15:00	10/05/24 23:32	1
Selenium	1.1	J	3.0	0.69	mg/Kg	☼	10/04/24 15:00	10/05/24 23:32	1
Silver	0.30	J	1.5	0.12	mg/Kg	☼	10/04/24 15:00	10/05/24 23:32	1
Zinc	3400		37	27	mg/Kg	☼	10/04/24 15:00	10/06/24 16:41	5

Method: SW846 7471B - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.083	J	0.18	0.032	mg/Kg	☼	10/04/24 15:00	10/07/24 11:23	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cyanide, Total (SW846 9012B)	370		47	37	mg/Kg	☼	10/07/24 08:58	10/07/24 14:43	25

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Solids (EPA Moisture)	67.0		0.1	0.1	%			10/03/24 19:07	1
Percent Moisture (EPA Moisture)	33.0		0.1	0.1	%			10/03/24 19:07	1

Client: August Mack Environmental, Inc.
Project/Site: MSC Canfield - Soil

Job ID: 240-212357-1

Client Sample ID: T500-W-0.0
Date Collected: 10/03/24 10:35
Date Received: 10/03/24 12:00

Lab Sample ID: 240-212357-8
Matrix: Solid
Percent Solids: 66.5

Method: SW846 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		7.1	2.5	ug/Kg	☼	10/04/24 11:04	10/04/24 20:34	1
1,1,2,2-Tetrachloroethane	ND		7.1	2.0	ug/Kg	☼	10/04/24 11:04	10/04/24 20:34	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		7.1	1.8	ug/Kg	☼	10/04/24 11:04	10/04/24 20:34	1
1,1,2-Trichloroethane	ND		7.1	1.6	ug/Kg	☼	10/04/24 11:04	10/04/24 20:34	1
1,1-Dichloroethane	ND		7.1	2.0	ug/Kg	☼	10/04/24 11:04	10/04/24 20:34	1
1,1-Dichloroethene	ND		7.1	2.6	ug/Kg	☼	10/04/24 11:04	10/04/24 20:34	1
1,2,4-Trichlorobenzene	ND		7.1	3.5	ug/Kg	☼	10/04/24 11:04	10/04/24 20:34	1
1,2-Dibromo-3-Chloropropane	ND		14	5.1	ug/Kg	☼	10/04/24 11:04	10/04/24 20:34	1
Ethylene Dibromide	ND		7.1	1.1	ug/Kg	☼	10/04/24 11:04	10/04/24 20:34	1
1,2-Dichlorobenzene	ND		7.1	1.6	ug/Kg	☼	10/04/24 11:04	10/04/24 20:34	1
1,2-Dichloroethane	ND		7.1	2.6	ug/Kg	☼	10/04/24 11:04	10/04/24 20:34	1
1,2-Dichloropropane	ND		7.1	1.2	ug/Kg	☼	10/04/24 11:04	10/04/24 20:34	1
1,3-Dichlorobenzene	ND		7.1	2.3	ug/Kg	☼	10/04/24 11:04	10/04/24 20:34	1
1,4-Dichlorobenzene	ND		7.1	1.2	ug/Kg	☼	10/04/24 11:04	10/04/24 20:34	1
2-Butanone (MEK)	ND		28	5.0	ug/Kg	☼	10/04/24 11:04	10/04/24 20:34	1
2-Hexanone	ND		28	5.8	ug/Kg	☼	10/04/24 11:04	10/04/24 20:34	1
4-Methyl-2-pentanone (MIBK)	ND		28	5.3	ug/Kg	☼	10/04/24 11:04	10/04/24 20:34	1
Acetone	ND		35	30	ug/Kg	☼	10/04/24 11:04	10/04/24 20:34	1
Benzene	ND		7.1	0.99	ug/Kg	☼	10/04/24 11:04	10/04/24 20:34	1
Dichlorobromomethane	ND		7.1	2.1	ug/Kg	☼	10/04/24 11:04	10/04/24 20:34	1
Bromoform	ND		7.1	3.4	ug/Kg	☼	10/04/24 11:04	10/04/24 20:34	1
Bromomethane	ND		7.1	5.9	ug/Kg	☼	10/04/24 11:04	10/04/24 20:34	1
Carbon disulfide	ND		7.1	1.6	ug/Kg	☼	10/04/24 11:04	10/04/24 20:34	1
Carbon tetrachloride	ND		7.1	4.6	ug/Kg	☼	10/04/24 11:04	10/04/24 20:34	1
Chlorobenzene	ND		7.1	1.3	ug/Kg	☼	10/04/24 11:04	10/04/24 20:34	1
Chloroethane	ND		7.1	3.9	ug/Kg	☼	10/04/24 11:04	10/04/24 20:34	1
Chloroform	ND		7.1	1.1	ug/Kg	☼	10/04/24 11:04	10/04/24 20:34	1
Chloromethane	ND		7.1	3.2	ug/Kg	☼	10/04/24 11:04	10/04/24 20:34	1
cis-1,2-Dichloroethene	ND		7.1	2.1	ug/Kg	☼	10/04/24 11:04	10/04/24 20:34	1
cis-1,3-Dichloropropene	ND		7.1	4.1	ug/Kg	☼	10/04/24 11:04	10/04/24 20:34	1
Cyclohexane	ND		14	1.9	ug/Kg	☼	10/04/24 11:04	10/04/24 20:34	1
Chlorodibromomethane	ND		7.1	3.9	ug/Kg	☼	10/04/24 11:04	10/04/24 20:34	1
Dichlorodifluoromethane	ND		7.1	3.2	ug/Kg	☼	10/04/24 11:04	10/04/24 20:34	1
Ethylbenzene	ND		7.1	1.5	ug/Kg	☼	10/04/24 11:04	10/04/24 20:34	1
Isopropylbenzene	ND		7.1	2.7	ug/Kg	☼	10/04/24 11:04	10/04/24 20:34	1
Methyl acetate	ND		35	4.8	ug/Kg	☼	10/04/24 11:04	10/04/24 20:34	1
Methyl tert-butyl ether	ND		7.1	2.8	ug/Kg	☼	10/04/24 11:04	10/04/24 20:34	1
Methylcyclohexane	ND		14	1.7	ug/Kg	☼	10/04/24 11:04	10/04/24 20:34	1
Methylene Chloride	ND		35	17	ug/Kg	☼	10/04/24 11:04	10/04/24 20:34	1
Styrene	ND		7.1	1.6	ug/Kg	☼	10/04/24 11:04	10/04/24 20:34	1
Tetrachloroethene	ND		7.1	5.5	ug/Kg	☼	10/04/24 11:04	10/04/24 20:34	1
Toluene	ND		7.1	1.1	ug/Kg	☼	10/04/24 11:04	10/04/24 20:34	1
trans-1,2-Dichloroethene	ND		7.1	2.0	ug/Kg	☼	10/04/24 11:04	10/04/24 20:34	1
trans-1,3-Dichloropropene	ND		7.1	5.3	ug/Kg	☼	10/04/24 11:04	10/04/24 20:34	1
Trichloroethene	ND		7.1	2.0	ug/Kg	☼	10/04/24 11:04	10/04/24 20:34	1
Trichlorofluoromethane	ND		7.1	3.8	ug/Kg	☼	10/04/24 11:04	10/04/24 20:34	1
Vinyl chloride	ND		7.1	2.5	ug/Kg	☼	10/04/24 11:04	10/04/24 20:34	1
Xylenes, Total	ND		14	2.2	ug/Kg	☼	10/04/24 11:04	10/04/24 20:34	1

Client: August Mack Environmental, Inc.
Project/Site: MSC Canfield - Soil

Job ID: 240-212357-1

Client Sample ID: T500-W-0.0
Date Collected: 10/03/24 10:35
Date Received: 10/03/24 12:00

Lab Sample ID: 240-212357-8
Matrix: Solid
Percent Solids: 66.5

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Toluene-d8 (Surr)	*100*		*56 - 125*	*10/04/24 11:04*	*10/04/24 20:34*	*1*
Dibromofluoromethane (Surr)	*85*		*41 - 138*	*10/04/24 11:04*	*10/04/24 20:34*	*1*
4-Bromofluorobenzene (Surr)	*91*		*41 - 143*	*10/04/24 11:04*	*10/04/24 20:34*	*1*
1,2-Dichloroethane-d4 (Surr)	*93*		*58 - 125*	*10/04/24 11:04*	*10/04/24 20:34*	*1*

Method: SW846 8270E - Semivolatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1'-Biphenyl	ND		150	42	ug/Kg	☼	10/04/24 08:53	10/07/24 18:09	1
bis (2-chloroisopropyl) ether	ND		150	39	ug/Kg	☼	10/04/24 08:53	10/07/24 18:09	1
2,4,5-Trichlorophenol	ND		220	49	ug/Kg	☼	10/04/24 08:53	10/07/24 18:09	1
2,4,6-Trichlorophenol	ND		220	43	ug/Kg	☼	10/04/24 08:53	10/07/24 18:09	1
2,4-Dichlorophenol	ND		220	40	ug/Kg	☼	10/04/24 08:53	10/07/24 18:09	1
2,4-Dimethylphenol	ND		220	54	ug/Kg	☼	10/04/24 08:53	10/07/24 18:09	1
2,4-Dinitrophenol	ND		490	250	ug/Kg	☼	10/04/24 08:53	10/07/24 18:09	1
2,4-Dinitrotoluene	ND		300	34	ug/Kg	☼	10/04/24 08:53	10/07/24 18:09	1
2,6-Dinitrotoluene	ND		300	54	ug/Kg	☼	10/04/24 08:53	10/07/24 18:09	1
2-Chloronaphthalene	ND		150	42	ug/Kg	☼	10/04/24 08:53	10/07/24 18:09	1
2-Chlorophenol	ND		150	39	ug/Kg	☼	10/04/24 08:53	10/07/24 18:09	1
2-Methylnaphthalene	**57**	**J**	59	19	ug/Kg	☼	10/04/24 08:53	10/07/24 18:09	1
2-Methylphenol	ND		300	61	ug/Kg	☼	10/04/24 08:53	10/07/24 18:09	1
2-Nitroaniline	ND		300	57	ug/Kg	☼	10/04/24 08:53	10/07/24 18:09	1
2-Nitrophenol	ND		150	52	ug/Kg	☼	10/04/24 08:53	10/07/24 18:09	1
3,3'-Dichlorobenzidine	ND		220	140	ug/Kg	☼	10/04/24 08:53	10/07/24 18:09	1
3-Nitroaniline	ND		300	52	ug/Kg	☼	10/04/24 08:53	10/07/24 18:09	1
4,6-Dinitro-2-methylphenol	ND		490	150	ug/Kg	☼	10/04/24 08:53	10/07/24 18:09	1
4-Bromophenyl phenyl ether	ND		150	48	ug/Kg	☼	10/04/24 08:53	10/07/24 18:09	1
4-Chloro-3-methylphenol	ND		220	57	ug/Kg	☼	10/04/24 08:53	10/07/24 18:09	1
4-Chloroaniline	ND		220	24	ug/Kg	☼	10/04/24 08:53	10/07/24 18:09	1
4-Chlorophenyl phenyl ether	ND		150	42	ug/Kg	☼	10/04/24 08:53	10/07/24 18:09	1
4-Nitroaniline	ND		300	39	ug/Kg	☼	10/04/24 08:53	10/07/24 18:09	1
4-Nitrophenol	ND		490	130	ug/Kg	☼	10/04/24 08:53	10/07/24 18:09	1
Acenaphthene	**30**	**J**	59	21	ug/Kg	☼	10/04/24 08:53	10/07/24 18:09	1
Acenaphthylene	**40**	**J**	59	22	ug/Kg	☼	10/04/24 08:53	10/07/24 18:09	1
Acetophenone	ND		150	37	ug/Kg	☼	10/04/24 08:53	10/07/24 18:09	1
Anthracene	**83**		59	18	ug/Kg	☼	10/04/24 08:53	10/07/24 18:09	1
Atrazine	ND		490	100	ug/Kg	☼	10/04/24 08:53	10/07/24 18:09	1
Benzaldehyde	ND		490	83	ug/Kg	☼	10/04/24 08:53	10/07/24 18:09	1
Benzo[a]anthracene	**470**		59	22	ug/Kg	☼	10/04/24 08:53	10/07/24 18:09	1
Benzo[a]pyrene	**640**		59	21	ug/Kg	☼	10/04/24 08:53	10/07/24 18:09	1
Benzo[b]fluoranthene	**1400**		59	18	ug/Kg	☼	10/04/24 08:53	10/07/24 18:09	1
Benzo[g,h,i]perylene	**370**		59	40	ug/Kg	☼	10/04/24 08:53	10/07/24 18:09	1
Benzo[k]fluoranthene	**440**		59	15	ug/Kg	☼	10/04/24 08:53	10/07/24 18:09	1
Bis(2-chloroethoxy)methane	ND		150	30	ug/Kg	☼	10/04/24 08:53	10/07/24 18:09	1
Bis(2-chloroethyl)ether	ND		150	33	ug/Kg	☼	10/04/24 08:53	10/07/24 18:09	1
Bis(2-ethylhexyl) phthalate	**97**	**J**	220	83	ug/Kg	☼	10/04/24 08:53	10/07/24 18:09	1
Butyl benzyl phthalate	ND		220	76	ug/Kg	☼	10/04/24 08:53	10/07/24 18:09	1
Caprolactam	ND		490	100	ug/Kg	☼	10/04/24 08:53	10/07/24 18:09	1
Carbazole	**110**	**J**	150	40	ug/Kg	☼	10/04/24 08:53	10/07/24 18:09	1
Chrysene	**780**		59	21	ug/Kg	☼	10/04/24 08:53	10/07/24 18:09	1
Dibenz(a,h)anthracene	**110**		59	22	ug/Kg	☼	10/04/24 08:53	10/07/24 18:09	1

Client Sample ID: T500-W-0.0
Date Collected: 10/03/24 10:35
Date Received: 10/03/24 12:00

Lab Sample ID: 240-212357-8
Matrix: Solid
Percent Solids: 66.5

Method: SW846 8270E - Semivolatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Dibenzofuran	ND		150	43	ug/Kg	☼	10/04/24 08:53	10/07/24 18:09	1
Diethyl phthalate	ND		220	64	ug/Kg	☼	10/04/24 08:53	10/07/24 18:09	1
Dimethyl phthalate	ND		220	59	ug/Kg	☼	10/04/24 08:53	10/07/24 18:09	1
Di-n-butyl phthalate	ND		220	76	ug/Kg	☼	10/04/24 08:53	10/07/24 18:09	1
Di-n-octyl phthalate	ND		220	74	ug/Kg	☼	10/04/24 08:53	10/07/24 18:09	1
Fluoranthene	**1400**		59	21	ug/Kg	☼	10/04/24 08:53	10/07/24 18:09	1
Fluorene	**27**	**J**	59	21	ug/Kg	☼	10/04/24 08:53	10/07/24 18:09	1
Hexachlorobenzene	ND		59	21	ug/Kg	☼	10/04/24 08:53	10/07/24 18:09	1
Hexachlorobutadiene	ND		150	31	ug/Kg	☼	10/04/24 08:53	10/07/24 18:09	1
Hexachlorocyclopentadiene	ND		490	58	ug/Kg	☼	10/04/24 08:53	10/07/24 18:09	1
Hexachloroethane	ND		150	48	ug/Kg	☼	10/04/24 08:53	10/07/24 18:09	1
Indeno[1,2,3-cd]pyrene	**350**		59	18	ug/Kg	☼	10/04/24 08:53	10/07/24 18:09	1
Isophorone	ND		150	39	ug/Kg	☼	10/04/24 08:53	10/07/24 18:09	1
N-Nitrosodi-n-propylamine	ND		150	55	ug/Kg	☼	10/04/24 08:53	10/07/24 18:09	1
N-Nitrosodiphenylamine	ND		150	40	ug/Kg	☼	10/04/24 08:53	10/07/24 18:09	1
Naphthalene	**53**	**J**	59	19	ug/Kg	☼	10/04/24 08:53	10/07/24 18:09	1
Nitrobenzene	ND		150	33	ug/Kg	☼	10/04/24 08:53	10/07/24 18:09	1
Pentachlorophenol	ND		400	160	ug/Kg	☼	10/04/24 08:53	10/07/24 18:09	1
Phenanthrene	**500**		59	19	ug/Kg	☼	10/04/24 08:53	10/07/24 18:09	1
Phenol	ND		150	57	ug/Kg	☼	10/04/24 08:53	10/07/24 18:09	1
Pyrene	**1100**		59	24	ug/Kg	☼	10/04/24 08:53	10/07/24 18:09	1
3 & 4 Methylphenol	**84**	**J**	590	61	ug/Kg	☼	10/04/24 08:53	10/07/24 18:09	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Terphenyl-d14 (Surr)	*78*		*37 - 120*	*10/04/24 08:53*	*10/07/24 18:09*	*1*
Phenol-d5 (Surr)	*89*		*29 - 120*	*10/04/24 08:53*	*10/07/24 18:09*	*1*
Nitrobenzene-d5 (Surr)	*73*		*28 - 120*	*10/04/24 08:53*	*10/07/24 18:09*	*1*
2-Fluorophenol (Surr)	*85*		*26 - 120*	*10/04/24 08:53*	*10/07/24 18:09*	*1*
2-Fluorobiphenyl (Surr)	*83*		*36 - 120*	*10/04/24 08:53*	*10/07/24 18:09*	*1*
2,4,6-Tribromophenol (Surr)	*90*		*10 - 120*	*10/04/24 08:53*	*10/07/24 18:09*	*1*

Method: SW846 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aroclor-1016	ND		73	37	ug/Kg	☼	10/04/24 08:58	10/04/24 19:03	1
Aroclor-1221	ND		73	44	ug/Kg	☼	10/04/24 08:58	10/04/24 19:03	1
Aroclor-1232	ND		73	31	ug/Kg	☼	10/04/24 08:58	10/04/24 19:03	1
Aroclor-1242	ND		73	28	ug/Kg	☼	10/04/24 08:58	10/04/24 19:03	1
Aroclor-1248	ND		73	25	ug/Kg	☼	10/04/24 08:58	10/04/24 19:03	1
Aroclor-1254	ND		73	31	ug/Kg	☼	10/04/24 08:58	10/04/24 19:03	1
Aroclor-1260	ND		73	31	ug/Kg	☼	10/04/24 08:58	10/04/24 19:03	1
Aroclor-1262	ND		73	32	ug/Kg	☼	10/04/24 08:58	10/04/24 19:03	1
Aroclor-1268	ND		73	23	ug/Kg	☼	10/04/24 08:58	10/04/24 19:03	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Tetrachloro-m-xylene	*71*		*10 - 149*	*10/04/24 08:58*	*10/04/24 19:03*	*1*
DCB Decachlorobiphenyl	*74*		*10 - 174*	*10/04/24 08:58*	*10/04/24 19:03*	*1*

Method: SW846 6010D - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	**14**		1.7	0.36	mg/Kg	☼	10/04/24 15:00	10/05/24 23:36	1

Client: August Mack Environmental, Inc.
Job ID: 240-212357-1
Project/Site: MSC Canfield - Soil

Client Sample ID: T500-W-0.0
Lab Sample ID: 240-212357-8
Date Collected: 10/03/24 10:35
Matrix: Solid
Date Received: 10/03/24 12:00
Percent Solids: 66.5

Method: SW846 6010D - Metals (ICP) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Barium	110		23	0.14	mg/Kg	☼	10/04/24 15:00	10/05/24 23:36	1
Cadmium	0.60		0.57	0.054	mg/Kg	☼	10/04/24 15:00	10/05/24 23:36	1
Chromium	33		1.1	0.39	mg/Kg	☼	10/04/24 15:00	10/05/24 23:36	1
Copper	17		2.8	0.79	mg/Kg	☼	10/04/24 15:00	10/05/24 23:36	1
Lead	44		1.1	0.32	mg/Kg	☼	10/04/24 15:00	10/05/24 23:36	1
Selenium	0.98	J	2.3	0.53	mg/Kg	☼	10/04/24 15:00	10/05/24 23:36	1
Silver	ND		1.1	0.092	mg/Kg	☼	10/04/24 15:00	10/05/24 23:36	1
Zinc	2600		28	20	mg/Kg	☼	10/04/24 15:00	10/06/24 16:45	5

Method: SW846 7471B - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.078	J	0.16	0.030	mg/Kg	☼	10/04/24 15:00	10/07/24 11:24	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cyanide, Total (SW846 9012B)	540		43	34	mg/Kg	☼	10/07/24 08:58	10/07/24 14:47	25

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Solids (EPA Moisture)	66.5		0.1	0.1	%			10/03/24 19:07	1
Percent Moisture (EPA Moisture)	33.5		0.1	0.1	%			10/03/24 19:07	1

Client: August Mack Environmental, Inc.
Project/Site: MSC Canfield - Soil

Job ID: 240-212357-1

Client Sample ID: DUP-1-20241003
Date Collected: 10/03/24 00:00
Date Received: 10/03/24 12:00

Lab Sample ID: 240-212357-9
Matrix: Solid
Percent Solids: 76.8

Method: SW846 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		6.0	2.1	ug/Kg	☼	10/04/24 13:25	10/04/24 14:33	1
1,1,2,2-Tetrachloroethane	ND		6.0	1.7	ug/Kg	☼	10/04/24 13:25	10/04/24 14:33	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		6.0	1.5	ug/Kg	☼	10/04/24 13:25	10/04/24 14:33	1
1,1,2-Trichloroethane	ND		6.0	1.4	ug/Kg	☼	10/04/24 13:25	10/04/24 14:33	1
1,1-Dichloroethane	ND		6.0	1.7	ug/Kg	☼	10/04/24 13:25	10/04/24 14:33	1
1,1-Dichloroethene	ND		6.0	2.2	ug/Kg	☼	10/04/24 13:25	10/04/24 14:33	1
1,2,4-Trichlorobenzene	ND		6.0	3.0	ug/Kg	☼	10/04/24 13:25	10/04/24 14:33	1
1,2-Dibromo-3-Chloropropane	ND		12	4.3	ug/Kg	☼	10/04/24 13:25	10/04/24 14:33	1
Ethylene Dibromide	ND		6.0	0.92	ug/Kg	☼	10/04/24 13:25	10/04/24 14:33	1
1,2-Dichlorobenzene	ND		6.0	1.3	ug/Kg	☼	10/04/24 13:25	10/04/24 14:33	1
1,2-Dichloroethane	ND		6.0	2.2	ug/Kg	☼	10/04/24 13:25	10/04/24 14:33	1
1,2-Dichloropropane	ND		6.0	1.0	ug/Kg	☼	10/04/24 13:25	10/04/24 14:33	1
1,3-Dichlorobenzene	ND		6.0	2.0	ug/Kg	☼	10/04/24 13:25	10/04/24 14:33	1
1,4-Dichlorobenzene	ND		6.0	1.1	ug/Kg	☼	10/04/24 13:25	10/04/24 14:33	1
2-Butanone (MEK)	ND		24	4.2	ug/Kg	☼	10/04/24 13:25	10/04/24 14:33	1
2-Hexanone	ND		24	4.9	ug/Kg	☼	10/04/24 13:25	10/04/24 14:33	1
4-Methyl-2-pentanone (MIBK)	ND		24	4.4	ug/Kg	☼	10/04/24 13:25	10/04/24 14:33	1
Acetone	ND		30	25	ug/Kg	☼	10/04/24 13:25	10/04/24 14:33	1
Benzene	ND		6.0	0.83	ug/Kg	☼	10/04/24 13:25	10/04/24 14:33	1
Dichlorobromomethane	ND		6.0	1.8	ug/Kg	☼	10/04/24 13:25	10/04/24 14:33	1
Bromoform	ND		6.0	2.9	ug/Kg	☼	10/04/24 13:25	10/04/24 14:33	1
Bromomethane	ND		6.0	5.0	ug/Kg	☼	10/04/24 13:25	10/04/24 14:33	1
Carbon disulfide	ND		6.0	1.4	ug/Kg	☼	10/04/24 13:25	10/04/24 14:33	1
Carbon tetrachloride	ND		6.0	3.9	ug/Kg	☼	10/04/24 13:25	10/04/24 14:33	1
Chlorobenzene	ND		6.0	1.1	ug/Kg	☼	10/04/24 13:25	10/04/24 14:33	1
Chloroethane	ND		6.0	3.3	ug/Kg	☼	10/04/24 13:25	10/04/24 14:33	1
Chloroform	ND		6.0	0.94	ug/Kg	☼	10/04/24 13:25	10/04/24 14:33	1
Chloromethane	ND		6.0	2.7	ug/Kg	☼	10/04/24 13:25	10/04/24 14:33	1
cis-1,2-Dichloroethene	ND		6.0	1.8	ug/Kg	☼	10/04/24 13:25	10/04/24 14:33	1
cis-1,3-Dichloropropene	ND		6.0	3.4	ug/Kg	☼	10/04/24 13:25	10/04/24 14:33	1
Cyclohexane	ND		12	1.6	ug/Kg	☼	10/04/24 13:25	10/04/24 14:33	1
Chlorodibromomethane	ND		6.0	3.3	ug/Kg	☼	10/04/24 13:25	10/04/24 14:33	1
Dichlorodifluoromethane	ND		6.0	2.7	ug/Kg	☼	10/04/24 13:25	10/04/24 14:33	1
Ethylbenzene	ND		6.0	1.2	ug/Kg	☼	10/04/24 13:25	10/04/24 14:33	1
Isopropylbenzene	ND		6.0	2.3	ug/Kg	☼	10/04/24 13:25	10/04/24 14:33	1
Methyl acetate	ND		30	4.1	ug/Kg	☼	10/04/24 13:25	10/04/24 14:33	1
Methyl tert-butyl ether	ND		6.0	2.4	ug/Kg	☼	10/04/24 13:25	10/04/24 14:33	1
Methylcyclohexane	ND		12	1.5	ug/Kg	☼	10/04/24 13:25	10/04/24 14:33	1
Methylene Chloride	ND		30	14	ug/Kg	☼	10/04/24 13:25	10/04/24 14:33	1
Styrene	ND		6.0	1.4	ug/Kg	☼	10/04/24 13:25	10/04/24 14:33	1
Tetrachloroethene	ND		6.0	4.6	ug/Kg	☼	10/04/24 13:25	10/04/24 14:33	1
Toluene	ND		6.0	0.92	ug/Kg	☼	10/04/24 13:25	10/04/24 14:33	1
trans-1,2-Dichloroethene	ND		6.0	1.7	ug/Kg	☼	10/04/24 13:25	10/04/24 14:33	1
trans-1,3-Dichloropropene	ND		6.0	4.4	ug/Kg	☼	10/04/24 13:25	10/04/24 14:33	1
Trichloroethene	ND		6.0	1.7	ug/Kg	☼	10/04/24 13:25	10/04/24 14:33	1
Trichlorofluoromethane	ND		6.0	3.2	ug/Kg	☼	10/04/24 13:25	10/04/24 14:33	1
Vinyl chloride	ND		6.0	2.1	ug/Kg	☼	10/04/24 13:25	10/04/24 14:33	1
Xylenes, Total	ND		12	1.9	ug/Kg	☼	10/04/24 13:25	10/04/24 14:33	1

Client: August Mack Environmental, Inc.
Project/Site: MSC Canfield - Soil

Job ID: 240-212357-1

Client Sample ID: DUP-1-20241003
Date Collected: 10/03/24 00:00
Date Received: 10/03/24 12:00

Lab Sample ID: 240-212357-9
Matrix: Solid
Percent Solids: 76.8

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
Toluene-d8 (Surr)	*103*		*56 - 125*	*10/04/24 13:25*	*10/04/24 14:33*	*1*
Dibromofluoromethane (Surr)	*103*		*41 - 138*	*10/04/24 13:25*	*10/04/24 14:33*	*1*
4-Bromofluorobenzene (Surr)	*88*		*41 - 143*	*10/04/24 13:25*	*10/04/24 14:33*	*1*
1,2-Dichloroethane-d4 (Surr)	*111*		*58 - 125*	*10/04/24 13:25*	*10/04/24 14:33*	*1*

Method: SW846 8270E - Semivolatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1'-Biphenyl	ND		260	72	ug/Kg	☼	10/04/24 08:53	10/07/24 18:58	2
bis (2-chloroisopropyl) ether	ND		260	67	ug/Kg	☼	10/04/24 08:53	10/07/24 18:58	2
2,4,5-Trichlorophenol	ND		390	85	ug/Kg	☼	10/04/24 08:53	10/07/24 18:58	2
2,4,6-Trichlorophenol	ND		390	75	ug/Kg	☼	10/04/24 08:53	10/07/24 18:58	2
2,4-Dichlorophenol	ND		390	70	ug/Kg	☼	10/04/24 08:53	10/07/24 18:58	2
2,4-Dimethylphenol	ND		390	93	ug/Kg	☼	10/04/24 08:53	10/07/24 18:58	2
2,4-Dinitrophenol	ND		850	440	ug/Kg	☼	10/04/24 08:53	10/07/24 18:58	2
2,4-Dinitrotoluene	ND		520	59	ug/Kg	☼	10/04/24 08:53	10/07/24 18:58	2
2,6-Dinitrotoluene	ND		520	93	ug/Kg	☼	10/04/24 08:53	10/07/24 18:58	2
2-Chloronaphthalene	ND		260	72	ug/Kg	☼	10/04/24 08:53	10/07/24 18:58	2
2-Chlorophenol	ND		260	67	ug/Kg	☼	10/04/24 08:53	10/07/24 18:58	2
2-Methylnaphthalene	**130**		100	34	ug/Kg	☼	10/04/24 08:53	10/07/24 18:58	2
2-Methylphenol	ND		520	110	ug/Kg	☼	10/04/24 08:53	10/07/24 18:58	2
2-Nitroaniline	ND		520	98	ug/Kg	☼	10/04/24 08:53	10/07/24 18:58	2
2-Nitrophenol	ND		260	90	ug/Kg	☼	10/04/24 08:53	10/07/24 18:58	2
3,3'-Dichlorobenzidine	ND		390	250	ug/Kg	☼	10/04/24 08:53	10/07/24 18:58	2
3-Nitroaniline	ND		520	90	ug/Kg	☼	10/04/24 08:53	10/07/24 18:58	2
4,6-Dinitro-2-methylphenol	ND		850	270	ug/Kg	☼	10/04/24 08:53	10/07/24 18:58	2
4-Bromophenyl phenyl ether	ND		260	83	ug/Kg	☼	10/04/24 08:53	10/07/24 18:58	2
4-Chloro-3-methylphenol	ND		390	98	ug/Kg	☼	10/04/24 08:53	10/07/24 18:58	2
4-Chloroaniline	ND		390	41	ug/Kg	☼	10/04/24 08:53	10/07/24 18:58	2
4-Chlorophenyl phenyl ether	ND		260	72	ug/Kg	☼	10/04/24 08:53	10/07/24 18:58	2
4-Nitroaniline	ND		520	67	ug/Kg	☼	10/04/24 08:53	10/07/24 18:58	2
4-Nitrophenol	ND		850	230	ug/Kg	☼	10/04/24 08:53	10/07/24 18:58	2
Acenaphthene	**76**	**J**	100	36	ug/Kg	☼	10/04/24 08:53	10/07/24 18:58	2
Acenaphthylene	**73**	**J**	100	39	ug/Kg	☼	10/04/24 08:53	10/07/24 18:58	2
Acetophenone	**66**	**J**	260	65	ug/Kg	☼	10/04/24 08:53	10/07/24 18:58	2
Anthracene	**230**		100	31	ug/Kg	☼	10/04/24 08:53	10/07/24 18:58	2
Atrazine	ND		850	180	ug/Kg	☼	10/04/24 08:53	10/07/24 18:58	2
Benzaldehyde	**150**	**J**	850	140	ug/Kg	☼	10/04/24 08:53	10/07/24 18:58	2
Benzo[a]anthracene	**1200**		100	39	ug/Kg	☼	10/04/24 08:53	10/07/24 18:58	2
Benzo[a]pyrene	**1800**		100	36	ug/Kg	☼	10/04/24 08:53	10/07/24 18:58	2
Benzo[b]fluoranthene	**3300**		100	31	ug/Kg	☼	10/04/24 08:53	10/07/24 18:58	2
Benzo[g,h,i]perylene	**1100**		100	70	ug/Kg	☼	10/04/24 08:53	10/07/24 18:58	2
Benzo[k]fluoranthene	**1100**		100	26	ug/Kg	☼	10/04/24 08:53	10/07/24 18:58	2
Bis(2-chloroethoxy)methane	ND		260	52	ug/Kg	☼	10/04/24 08:53	10/07/24 18:58	2
Bis(2-chloroethyl)ether	ND		260	57	ug/Kg	☼	10/04/24 08:53	10/07/24 18:58	2
Bis(2-ethylhexyl) phthalate	**180**	**J**	390	140	ug/Kg	☼	10/04/24 08:53	10/07/24 18:58	2
Butyl benzyl phthalate	ND		390	130	ug/Kg	☼	10/04/24 08:53	10/07/24 18:58	2
Caprolactam	ND		850	180	ug/Kg	☼	10/04/24 08:53	10/07/24 18:58	2
Carbazole	**230**	**J**	260	70	ug/Kg	☼	10/04/24 08:53	10/07/24 18:58	2
Chrysene	**1900**		100	36	ug/Kg	☼	10/04/24 08:53	10/07/24 18:58	2
Dibenz(a,h)anthracene	**250**		100	39	ug/Kg	☼	10/04/24 08:53	10/07/24 18:58	2

Client: August Mack Environmental, Inc.
Project/Site: MSC Canfield - Soil

Job ID: 240-212357-1

Client Sample ID: DUP-1-20241003
Date Collected: 10/03/24 00:00
Date Received: 10/03/24 12:00

Lab Sample ID: 240-212357-9
Matrix: Solid
Percent Solids: 76.8

Method: SW846 8270E - Semivolatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Dibenzofuran	ND		260	75	ug/Kg	☼	10/04/24 08:53	10/07/24 18:58	2
Diethyl phthalate	ND		390	110	ug/Kg	☼	10/04/24 08:53	10/07/24 18:58	2
Dimethyl phthalate	ND		390	100	ug/Kg	☼	10/04/24 08:53	10/07/24 18:58	2
Di-n-butyl phthalate	ND		390	130	ug/Kg	☼	10/04/24 08:53	10/07/24 18:58	2
Di-n-octyl phthalate	ND		390	130	ug/Kg	☼	10/04/24 08:53	10/07/24 18:58	2
Fluoranthene	**3500**		100	36	ug/Kg	☼	10/04/24 08:53	10/07/24 18:58	2
Fluorene	**78**	**J**	100	36	ug/Kg	☼	10/04/24 08:53	10/07/24 18:58	2
Hexachlorobenzene	ND		100	36	ug/Kg	☼	10/04/24 08:53	10/07/24 18:58	2
Hexachlorobutadiene	ND		260	54	ug/Kg	☼	10/04/24 08:53	10/07/24 18:58	2
Hexachlorocyclopentadiene	ND		850	100	ug/Kg	☼	10/04/24 08:53	10/07/24 18:58	2
Hexachloroethane	ND		260	83	ug/Kg	☼	10/04/24 08:53	10/07/24 18:58	2
Indeno[1,2,3-cd]pyrene	**980**		100	31	ug/Kg	☼	10/04/24 08:53	10/07/24 18:58	2
Isophorone	ND		260	67	ug/Kg	☼	10/04/24 08:53	10/07/24 18:58	2
N-Nitrosodi-n-propylamine	ND		260	96	ug/Kg	☼	10/04/24 08:53	10/07/24 18:58	2
N-Nitrosodiphenylamine	ND		260	70	ug/Kg	☼	10/04/24 08:53	10/07/24 18:58	2
Naphthalene	**120**		100	34	ug/Kg	☼	10/04/24 08:53	10/07/24 18:58	2
Nitrobenzene	ND		260	57	ug/Kg	☼	10/04/24 08:53	10/07/24 18:58	2
Pentachlorophenol	ND		700	270	ug/Kg	☼	10/04/24 08:53	10/07/24 18:58	2
Phenanthrene	**1300**		100	34	ug/Kg	☼	10/04/24 08:53	10/07/24 18:58	2
Phenol	ND		260	98	ug/Kg	☼	10/04/24 08:53	10/07/24 18:58	2
Pyrene	**2700**		100	41	ug/Kg	☼	10/04/24 08:53	10/07/24 18:58	2
3 & 4 Methylphenol	ND		1000	110	ug/Kg	☼	10/04/24 08:53	10/07/24 18:58	2

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Terphenyl-d14 (Surr)	*68*		*37 - 120*	*10/04/24 08:53*	*10/07/24 18:58*	*2*
Phenol-d5 (Surr)	*81*		*29 - 120*	*10/04/24 08:53*	*10/07/24 18:58*	*2*
Nitrobenzene-d5 (Surr)	*67*		*28 - 120*	*10/04/24 08:53*	*10/07/24 18:58*	*2*
2-Fluorophenol (Surr)	*68*		*26 - 120*	*10/04/24 08:53*	*10/07/24 18:58*	*2*
2-Fluorobiphenyl (Surr)	*79*		*36 - 120*	*10/04/24 08:53*	*10/07/24 18:58*	*2*
2,4,6-Tribromophenol (Surr)	*51*		*10 - 120*	*10/04/24 08:53*	*10/07/24 18:58*	*2*

Method: SW846 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aroclor-1016	ND		63	32	ug/Kg	☼	10/04/24 08:58	10/04/24 19:17	1
Aroclor-1221	ND		63	38	ug/Kg	☼	10/04/24 08:58	10/04/24 19:17	1
Aroclor-1232	ND		63	27	ug/Kg	☼	10/04/24 08:58	10/04/24 19:17	1
Aroclor-1242	ND		63	24	ug/Kg	☼	10/04/24 08:58	10/04/24 19:17	1
Aroclor-1248	**53**	**J**	63	21	ug/Kg	☼	10/04/24 08:58	10/04/24 19:17	1
Aroclor-1254	ND		63	27	ug/Kg	☼	10/04/24 08:58	10/04/24 19:17	1
Aroclor-1260	ND		63	27	ug/Kg	☼	10/04/24 08:58	10/04/24 19:17	1
Aroclor-1262	ND		63	28	ug/Kg	☼	10/04/24 08:58	10/04/24 19:17	1
Aroclor-1268	ND		63	20	ug/Kg	☼	10/04/24 08:58	10/04/24 19:17	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Tetrachloro-m-xylene	*67*		*10 - 149*	*10/04/24 08:58*	*10/04/24 19:17*	*1*
DCB Decachlorobiphenyl	*64*		*10 - 174*	*10/04/24 08:58*	*10/04/24 19:17*	*1*

Method: SW846 6010D - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	**11**		1.4	0.29	mg/Kg	☼	10/04/24 15:00	10/05/24 23:49	1

Client: August Mack Environmental, Inc.
Project/Site: MSC Canfield - Soil

Job ID: 240-212357-1

Client Sample ID: DUP-1-20241003
Date Collected: 10/03/24 00:00
Date Received: 10/03/24 12:00

Lab Sample ID: 240-212357-9
Matrix: Solid
Percent Solids: 76.8

Method: SW846 6010D - Metals (ICP) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Barium	92		19	0.12	mg/Kg	☼	10/04/24 15:00	10/05/24 23:49	1
Cadmium	0.53		0.47	0.045	mg/Kg	☼	10/04/24 15:00	10/05/24 23:49	1
Chromium	32		0.93	0.32	mg/Kg	☼	10/04/24 15:00	10/05/24 23:49	1
Copper	4.4		2.3	0.65	mg/Kg	☼	10/04/24 15:00	10/05/24 23:49	1
Lead	48		0.93	0.26	mg/Kg	☼	10/04/24 15:00	10/05/24 23:49	1
Selenium	0.54	J	1.9	0.44	mg/Kg	☼	10/04/24 15:00	10/05/24 23:49	1
Silver	0.10	J	0.93	0.075	mg/Kg	☼	10/04/24 15:00	10/05/24 23:49	1
Zinc	3500		47	34	mg/Kg	☼	10/04/24 15:00	10/06/24 16:58	10

Method: SW846 7471B - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.042	J	0.13	0.023	mg/Kg	☼	10/04/24 15:00	10/07/24 11:26	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cyanide, Total (SW846 9012B)	530		41	32	mg/Kg	☼	10/07/24 08:58	10/07/24 14:52	25

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Solids (EPA Moisture)	76.8		0.1	0.1	%			10/03/24 19:07	1
Percent Moisture (EPA Moisture)	23.2		0.1	0.1	%			10/03/24 19:07	1

Client: August Mack Environmental, Inc.
Project/Site: MSC Canfield - Soil

Job ID: 240-212357-1

Client Sample ID: T625-W-0.0
Date Collected: 10/03/24 10:45
Date Received: 10/03/24 12:00

Lab Sample ID: 240-212357-10
Matrix: Solid
Percent Solids: 65.7

Method: SW846 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		7.0	2.5	ug/Kg	☼	10/04/24 13:25	10/04/24 14:51	1
1,1,2,2-Tetrachloroethane	ND		7.0	2.0	ug/Kg	☼	10/04/24 13:25	10/04/24 14:51	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		7.0	1.8	ug/Kg	☼	10/04/24 13:25	10/04/24 14:51	1
1,1,2-Trichloroethane	ND		7.0	1.6	ug/Kg	☼	10/04/24 13:25	10/04/24 14:51	1
1,1-Dichloroethane	ND		7.0	2.0	ug/Kg	☼	10/04/24 13:25	10/04/24 14:51	1
1,1-Dichloroethene	ND		7.0	2.6	ug/Kg	☼	10/04/24 13:25	10/04/24 14:51	1
1,2,4-Trichlorobenzene	ND		7.0	3.5	ug/Kg	☼	10/04/24 13:25	10/04/24 14:51	1
1,2-Dibromo-3-Chloropropane	ND		14	5.1	ug/Kg	☼	10/04/24 13:25	10/04/24 14:51	1
Ethylene Dibromide	ND		7.0	1.1	ug/Kg	☼	10/04/24 13:25	10/04/24 14:51	1
1,2-Dichlorobenzene	ND		7.0	1.6	ug/Kg	☼	10/04/24 13:25	10/04/24 14:51	1
1,2-Dichloroethane	ND		7.0	2.5	ug/Kg	☼	10/04/24 13:25	10/04/24 14:51	1
1,2-Dichloropropane	ND		7.0	1.2	ug/Kg	☼	10/04/24 13:25	10/04/24 14:51	1
1,3-Dichlorobenzene	ND		7.0	2.3	ug/Kg	☼	10/04/24 13:25	10/04/24 14:51	1
1,4-Dichlorobenzene	ND		7.0	1.2	ug/Kg	☼	10/04/24 13:25	10/04/24 14:51	1
2-Butanone (MEK)	**8.0**	**J**	28	5.0	ug/Kg	☼	10/04/24 13:25	10/04/24 14:51	1
2-Hexanone	ND		28	5.8	ug/Kg	☼	10/04/24 13:25	10/04/24 14:51	1
4-Methyl-2-pentanone (MIBK)	ND		28	5.2	ug/Kg	☼	10/04/24 13:25	10/04/24 14:51	1
Acetone	ND		35	30	ug/Kg	☼	10/04/24 13:25	10/04/24 14:51	1
Benzene	ND		7.0	0.98	ug/Kg	☼	10/04/24 13:25	10/04/24 14:51	1
Dichlorobromomethane	ND		7.0	2.1	ug/Kg	☼	10/04/24 13:25	10/04/24 14:51	1
Bromoform	ND		7.0	3.4	ug/Kg	☼	10/04/24 13:25	10/04/24 14:51	1
Bromomethane	ND		7.0	5.8	ug/Kg	☼	10/04/24 13:25	10/04/24 14:51	1
Carbon disulfide	ND		7.0	1.6	ug/Kg	☼	10/04/24 13:25	10/04/24 14:51	1
Carbon tetrachloride	ND		7.0	4.6	ug/Kg	☼	10/04/24 13:25	10/04/24 14:51	1
Chlorobenzene	ND		7.0	1.3	ug/Kg	☼	10/04/24 13:25	10/04/24 14:51	1
Chloroethane	ND		7.0	3.9	ug/Kg	☼	10/04/24 13:25	10/04/24 14:51	1
Chloroform	ND		7.0	1.1	ug/Kg	☼	10/04/24 13:25	10/04/24 14:51	1
Chloromethane	ND		7.0	3.2	ug/Kg	☼	10/04/24 13:25	10/04/24 14:51	1
cis-1,2-Dichloroethene	ND		7.0	2.1	ug/Kg	☼	10/04/24 13:25	10/04/24 14:51	1
cis-1,3-Dichloropropene	ND		7.0	4.1	ug/Kg	☼	10/04/24 13:25	10/04/24 14:51	1
Cyclohexane	ND		14	1.9	ug/Kg	☼	10/04/24 13:25	10/04/24 14:51	1
Chlorodibromomethane	ND		7.0	3.9	ug/Kg	☼	10/04/24 13:25	10/04/24 14:51	1
Dichlorodifluoromethane	ND		7.0	3.2	ug/Kg	☼	10/04/24 13:25	10/04/24 14:51	1
Ethylbenzene	ND		7.0	1.5	ug/Kg	☼	10/04/24 13:25	10/04/24 14:51	1
Isopropylbenzene	ND		7.0	2.7	ug/Kg	☼	10/04/24 13:25	10/04/24 14:51	1
Methyl acetate	ND		35	4.8	ug/Kg	☼	10/04/24 13:25	10/04/24 14:51	1
Methyl tert-butyl ether	ND		7.0	2.8	ug/Kg	☼	10/04/24 13:25	10/04/24 14:51	1
Methylcyclohexane	ND		14	1.7	ug/Kg	☼	10/04/24 13:25	10/04/24 14:51	1
Methylene Chloride	ND		35	17	ug/Kg	☼	10/04/24 13:25	10/04/24 14:51	1
Styrene	ND		7.0	1.6	ug/Kg	☼	10/04/24 13:25	10/04/24 14:51	1
Tetrachloroethene	ND		7.0	5.5	ug/Kg	☼	10/04/24 13:25	10/04/24 14:51	1
Toluene	ND		7.0	1.1	ug/Kg	☼	10/04/24 13:25	10/04/24 14:51	1
trans-1,2-Dichloroethene	ND		7.0	2.0	ug/Kg	☼	10/04/24 13:25	10/04/24 14:51	1
trans-1,3-Dichloropropene	ND		7.0	5.2	ug/Kg	☼	10/04/24 13:25	10/04/24 14:51	1
Trichloroethene	ND		7.0	2.0	ug/Kg	☼	10/04/24 13:25	10/04/24 14:51	1
Trichlorofluoromethane	ND		7.0	3.8	ug/Kg	☼	10/04/24 13:25	10/04/24 14:51	1
Vinyl chloride	ND		7.0	2.5	ug/Kg	☼	10/04/24 13:25	10/04/24 14:51	1
Xylenes, Total	ND		14	2.2	ug/Kg	☼	10/04/24 13:25	10/04/24 14:51	1

Client: August Mack Environmental, Inc.
Project/Site: MSC Canfield - Soil

Job ID: 240-212357-1

Client Sample ID: T625-W-0.0
Date Collected: 10/03/24 10:45
Date Received: 10/03/24 12:00

Lab Sample ID: 240-212357-10
Matrix: Solid
Percent Solids: 65.7

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Toluene-d8 (Surr)	*98*		*56 - 125*	*10/04/24 13:25*	*10/04/24 14:51*	*1*
Dibromofluoromethane (Surr)	*106*		*41 - 138*	*10/04/24 13:25*	*10/04/24 14:51*	*1*
4-Bromofluorobenzene (Surr)	*94*		*41 - 143*	*10/04/24 13:25*	*10/04/24 14:51*	*1*
1,2-Dichloroethane-d4 (Surr)	*118*		*58 - 125*	*10/04/24 13:25*	*10/04/24 14:51*	*1*

Method: SW846 8270E - Semivolatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1'-Biphenyl	ND		150	42	ug/Kg	☼	10/04/24 08:53	10/07/24 18:33	1
bis (2-chloroisopropyl) ether	ND		150	39	ug/Kg	☼	10/04/24 08:53	10/07/24 18:33	1
2,4,5-Trichlorophenol	ND		220	49	ug/Kg	☼	10/04/24 08:53	10/07/24 18:33	1
2,4,6-Trichlorophenol	ND		220	43	ug/Kg	☼	10/04/24 08:53	10/07/24 18:33	1
2,4-Dichlorophenol	ND		220	40	ug/Kg	☼	10/04/24 08:53	10/07/24 18:33	1
2,4-Dimethylphenol	ND		220	53	ug/Kg	☼	10/04/24 08:53	10/07/24 18:33	1
2,4-Dinitrophenol	ND		490	250	ug/Kg	☼	10/04/24 08:53	10/07/24 18:33	1
2,4-Dinitrotoluene	ND		300	34	ug/Kg	☼	10/04/24 08:53	10/07/24 18:33	1
2,6-Dinitrotoluene	ND		300	53	ug/Kg	☼	10/04/24 08:53	10/07/24 18:33	1
2-Chloronaphthalene	ND		150	42	ug/Kg	☼	10/04/24 08:53	10/07/24 18:33	1
2-Chlorophenol	ND		150	39	ug/Kg	☼	10/04/24 08:53	10/07/24 18:33	1
2-Methylnaphthalene	**81**		59	19	ug/Kg	☼	10/04/24 08:53	10/07/24 18:33	1
2-Methylphenol	ND		300	61	ug/Kg	☼	10/04/24 08:53	10/07/24 18:33	1
2-Nitroaniline	ND		300	56	ug/Kg	☼	10/04/24 08:53	10/07/24 18:33	1
2-Nitrophenol	ND		150	52	ug/Kg	☼	10/04/24 08:53	10/07/24 18:33	1
3,3'-Dichlorobenzidine	ND		220	140	ug/Kg	☼	10/04/24 08:53	10/07/24 18:33	1
3-Nitroaniline	ND		300	52	ug/Kg	☼	10/04/24 08:53	10/07/24 18:33	1
4,6-Dinitro-2-methylphenol	ND		490	150	ug/Kg	☼	10/04/24 08:53	10/07/24 18:33	1
4-Bromophenyl phenyl ether	ND		150	48	ug/Kg	☼	10/04/24 08:53	10/07/24 18:33	1
4-Chloro-3-methylphenol	ND		220	56	ug/Kg	☼	10/04/24 08:53	10/07/24 18:33	1
4-Chloroaniline	ND		220	24	ug/Kg	☼	10/04/24 08:53	10/07/24 18:33	1
4-Chlorophenyl phenyl ether	ND		150	42	ug/Kg	☼	10/04/24 08:53	10/07/24 18:33	1
4-Nitroaniline	ND		300	39	ug/Kg	☼	10/04/24 08:53	10/07/24 18:33	1
4-Nitrophenol	ND		490	130	ug/Kg	☼	10/04/24 08:53	10/07/24 18:33	1
Acenaphthene	**35**	**J**	59	21	ug/Kg	☼	10/04/24 08:53	10/07/24 18:33	1
Acenaphthylene	**40**	**J**	59	22	ug/Kg	☼	10/04/24 08:53	10/07/24 18:33	1
Acetophenone	ND		150	37	ug/Kg	☼	10/04/24 08:53	10/07/24 18:33	1
Anthracene	**110**		59	18	ug/Kg	☼	10/04/24 08:53	10/07/24 18:33	1
Atrazine	ND		490	100	ug/Kg	☼	10/04/24 08:53	10/07/24 18:33	1
Benzaldehyde	**88**	**J**	490	83	ug/Kg	☼	10/04/24 08:53	10/07/24 18:33	1
Benzo[a]anthracene	**510**		59	22	ug/Kg	☼	10/04/24 08:53	10/07/24 18:33	1
Benzo[a]pyrene	**790**		59	21	ug/Kg	☼	10/04/24 08:53	10/07/24 18:33	1
Benzo[b]fluoranthene	**1600**		59	18	ug/Kg	☼	10/04/24 08:53	10/07/24 18:33	1
Benzo[g,h,i]perylene	**520**		59	40	ug/Kg	☼	10/04/24 08:53	10/07/24 18:33	1
Benzo[k]fluoranthene	**550**		59	15	ug/Kg	☼	10/04/24 08:53	10/07/24 18:33	1
Bis(2-chloroethoxy)methane	ND		150	30	ug/Kg	☼	10/04/24 08:53	10/07/24 18:33	1
Bis(2-chloroethyl)ether	ND		150	33	ug/Kg	☼	10/04/24 08:53	10/07/24 18:33	1
Bis(2-ethylhexyl) phthalate	ND		220	83	ug/Kg	☼	10/04/24 08:53	10/07/24 18:33	1
Butyl benzyl phthalate	ND		220	76	ug/Kg	☼	10/04/24 08:53	10/07/24 18:33	1
Caprolactam	ND		490	100	ug/Kg	☼	10/04/24 08:53	10/07/24 18:33	1
Carbazole	**150**		150	40	ug/Kg	☼	10/04/24 08:53	10/07/24 18:33	1
Chrysene	**940**		59	21	ug/Kg	☼	10/04/24 08:53	10/07/24 18:33	1
Dibenz(a,h)anthracene	**110**		59	22	ug/Kg	☼	10/04/24 08:53	10/07/24 18:33	1

Client Sample ID: T625-W-0.0
Date Collected: 10/03/24 10:45
Date Received: 10/03/24 12:00

Lab Sample ID: 240-212357-10
Matrix: Solid
Percent Solids: 65.7

Method: SW846 8270E - Semivolatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Dibenzofuran	**43**	**J**	150	43	ug/Kg	☼	10/04/24 08:53	10/07/24 18:33	1
Diethyl phthalate	ND		220	64	ug/Kg	☼	10/04/24 08:53	10/07/24 18:33	1
Dimethyl phthalate	ND		220	59	ug/Kg	☼	10/04/24 08:53	10/07/24 18:33	1
Di-n-butyl phthalate	ND		220	76	ug/Kg	☼	10/04/24 08:53	10/07/24 18:33	1
Di-n-octyl phthalate	ND		220	74	ug/Kg	☼	10/04/24 08:53	10/07/24 18:33	1
Fluoranthene	**1700**		59	21	ug/Kg	☼	10/04/24 08:53	10/07/24 18:33	1
Fluorene	**39**	**J**	59	21	ug/Kg	☼	10/04/24 08:53	10/07/24 18:33	1
Hexachlorobenzene	ND		59	21	ug/Kg	☼	10/04/24 08:53	10/07/24 18:33	1
Hexachlorobutadiene	ND		150	31	ug/Kg	☼	10/04/24 08:53	10/07/24 18:33	1
Hexachlorocyclopentadiene	ND		490	58	ug/Kg	☼	10/04/24 08:53	10/07/24 18:33	1
Hexachloroethane	ND		150	48	ug/Kg	☼	10/04/24 08:53	10/07/24 18:33	1
Indeno[1,2,3-cd]pyrene	**470**		59	18	ug/Kg	☼	10/04/24 08:53	10/07/24 18:33	1
Isophorone	ND		150	39	ug/Kg	☼	10/04/24 08:53	10/07/24 18:33	1
N-Nitrosodi-n-propylamine	ND		150	55	ug/Kg	☼	10/04/24 08:53	10/07/24 18:33	1
N-Nitrosodiphenylamine	ND		150	40	ug/Kg	☼	10/04/24 08:53	10/07/24 18:33	1
Naphthalene	**74**		59	19	ug/Kg	☼	10/04/24 08:53	10/07/24 18:33	1
Nitrobenzene	ND		150	33	ug/Kg	☼	10/04/24 08:53	10/07/24 18:33	1
Pentachlorophenol	ND		400	160	ug/Kg	☼	10/04/24 08:53	10/07/24 18:33	1
Phenanthrene	**630**		59	19	ug/Kg	☼	10/04/24 08:53	10/07/24 18:33	1
Phenol	ND		150	56	ug/Kg	☼	10/04/24 08:53	10/07/24 18:33	1
Pyrene	**1300**		59	24	ug/Kg	☼	10/04/24 08:53	10/07/24 18:33	1
3 & 4 Methylphenol	**110**	**J**	590	61	ug/Kg	☼	10/04/24 08:53	10/07/24 18:33	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Terphenyl-d14 (Surr)	*72*		*37 - 120*	*10/04/24 08:53*	*10/07/24 18:33*	*1*
Phenol-d5 (Surr)	*81*		*29 - 120*	*10/04/24 08:53*	*10/07/24 18:33*	*1*
Nitrobenzene-d5 (Surr)	*74*		*28 - 120*	*10/04/24 08:53*	*10/07/24 18:33*	*1*
2-Fluorophenol (Surr)	*75*		*26 - 120*	*10/04/24 08:53*	*10/07/24 18:33*	*1*
2-Fluorobiphenyl (Surr)	*82*		*36 - 120*	*10/04/24 08:53*	*10/07/24 18:33*	*1*
2,4,6-Tribromophenol (Surr)	*76*		*10 - 120*	*10/04/24 08:53*	*10/07/24 18:33*	*1*

Method: SW846 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aroclor-1016	ND		75	37	ug/Kg	☼	10/04/24 08:58	10/04/24 19:31	1
Aroclor-1221	ND		75	45	ug/Kg	☼	10/04/24 08:58	10/04/24 19:31	1
Aroclor-1232	ND		75	31	ug/Kg	☼	10/04/24 08:58	10/04/24 19:31	1
Aroclor-1242	ND		75	28	ug/Kg	☼	10/04/24 08:58	10/04/24 19:31	1
Aroclor-1248	ND		75	25	ug/Kg	☼	10/04/24 08:58	10/04/24 19:31	1
Aroclor-1254	ND		75	31	ug/Kg	☼	10/04/24 08:58	10/04/24 19:31	1
Aroclor-1260	ND		75	31	ug/Kg	☼	10/04/24 08:58	10/04/24 19:31	1
Aroclor-1262	ND		75	33	ug/Kg	☼	10/04/24 08:58	10/04/24 19:31	1
Aroclor-1268	ND		75	24	ug/Kg	☼	10/04/24 08:58	10/04/24 19:31	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Tetrachloro-m-xylene	*75*		*10 - 149*	*10/04/24 08:58*	*10/04/24 19:31*	*1*
DCB Decachlorobiphenyl	*72*		*10 - 174*	*10/04/24 08:58*	*10/04/24 19:31*	*1*

Method: SW846 6010D - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	**14**		1.9	0.39	mg/Kg	☼	10/04/24 15:00	10/05/24 23:54	1

Client: August Mack Environmental, Inc.
Project/Site: MSC Canfield - Soil

Job ID: 240-212357-1

Client Sample ID: T625-W-0.0
Date Collected: 10/03/24 10:45
Date Received: 10/03/24 12:00

Lab Sample ID: 240-212357-10
Matrix: Solid
Percent Solids: 65.7

Method: SW846 6010D - Metals (ICP) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Barium	96		25	0.16	mg/Kg	☼	10/04/24 15:00	10/05/24 23:54	1
Cadmium	0.53	J	0.62	0.059	mg/Kg	☼	10/04/24 15:00	10/05/24 23:54	1
Chromium	32		1.2	0.42	mg/Kg	☼	10/04/24 15:00	10/05/24 23:54	1
Copper	11		3.1	0.87	mg/Kg	☼	10/04/24 15:00	10/05/24 23:54	1
Lead	40		1.2	0.35	mg/Kg	☼	10/04/24 15:00	10/05/24 23:54	1
Selenium	0.80	J	2.5	0.58	mg/Kg	☼	10/04/24 15:00	10/05/24 23:54	1
Silver	0.11	J	1.2	0.10	mg/Kg	☼	10/04/24 15:00	10/05/24 23:54	1
Zinc	3700		62	45	mg/Kg	☼	10/04/24 15:00	10/06/24 17:03	10

Method: SW846 7471B - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.068	J	0.15	0.028	mg/Kg	☼	10/04/24 15:00	10/07/24 11:28	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cyanide, Total (SW846 9012B)	740		53	42	mg/Kg	☼	10/07/24 09:00	10/07/24 15:32	25

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Solids (EPA Moisture)	65.7		0.1	0.1	%			10/03/24 19:07	1
Percent Moisture (EPA Moisture)	34.3		0.1	0.1	%			10/03/24 19:07	1

Client: August Mack Environmental, Inc.
Project/Site: MSC Canfield - Soil

Job ID: 240-212357-1

Client Sample ID: T625-C-0.0
Date Collected: 10/03/24 10:50
Date Received: 10/03/24 12:00

Lab Sample ID: 240-212357-11
Matrix: Solid
Percent Solids: 69.1

Method: SW846 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		6.9	2.5	ug/Kg	☼	10/04/24 13:25	10/04/24 15:09	1
1,1,2,2-Tetrachloroethane	ND		6.9	2.0	ug/Kg	☼	10/04/24 13:25	10/04/24 15:09	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		6.9	1.8	ug/Kg	☼	10/04/24 13:25	10/04/24 15:09	1
1,1,2-Trichloroethane	ND		6.9	1.6	ug/Kg	☼	10/04/24 13:25	10/04/24 15:09	1
1,1-Dichloroethane	ND		6.9	2.0	ug/Kg	☼	10/04/24 13:25	10/04/24 15:09	1
1,1-Dichloroethene	ND		6.9	2.5	ug/Kg	☼	10/04/24 13:25	10/04/24 15:09	1
1,2,4-Trichlorobenzene	ND		6.9	3.5	ug/Kg	☼	10/04/24 13:25	10/04/24 15:09	1
1,2-Dibromo-3-Chloropropane	ND		14	5.0	ug/Kg	☼	10/04/24 13:25	10/04/24 15:09	1
Ethylene Dibromide	ND		6.9	1.1	ug/Kg	☼	10/04/24 13:25	10/04/24 15:09	1
1,2-Dichlorobenzene	ND		6.9	1.5	ug/Kg	☼	10/04/24 13:25	10/04/24 15:09	1
1,2-Dichloroethane	ND		6.9	2.5	ug/Kg	☼	10/04/24 13:25	10/04/24 15:09	1
1,2-Dichloropropane	ND		6.9	1.2	ug/Kg	☼	10/04/24 13:25	10/04/24 15:09	1
1,3-Dichlorobenzene	ND		6.9	2.3	ug/Kg	☼	10/04/24 13:25	10/04/24 15:09	1
1,4-Dichlorobenzene	ND		6.9	1.2	ug/Kg	☼	10/04/24 13:25	10/04/24 15:09	1
2-Butanone (MEK)	ND		28	4.9	ug/Kg	☼	10/04/24 13:25	10/04/24 15:09	1
2-Hexanone	ND		28	5.7	ug/Kg	☼	10/04/24 13:25	10/04/24 15:09	1
4-Methyl-2-pentanone (MIBK)	ND		28	5.2	ug/Kg	☼	10/04/24 13:25	10/04/24 15:09	1
Acetone	ND		35	29	ug/Kg	☼	10/04/24 13:25	10/04/24 15:09	1
Benzene	ND		6.9	0.97	ug/Kg	☼	10/04/24 13:25	10/04/24 15:09	1
Dichlorobromomethane	ND		6.9	2.1	ug/Kg	☼	10/04/24 13:25	10/04/24 15:09	1
Bromoform	ND		6.9	3.3	ug/Kg	☼	10/04/24 13:25	10/04/24 15:09	1
Bromomethane	ND		6.9	5.8	ug/Kg	☼	10/04/24 13:25	10/04/24 15:09	1
Carbon disulfide	ND		6.9	1.6	ug/Kg	☼	10/04/24 13:25	10/04/24 15:09	1
Carbon tetrachloride	ND		6.9	4.5	ug/Kg	☼	10/04/24 13:25	10/04/24 15:09	1
Chlorobenzene	ND		6.9	1.3	ug/Kg	☼	10/04/24 13:25	10/04/24 15:09	1
Chloroethane	ND		6.9	3.8	ug/Kg	☼	10/04/24 13:25	10/04/24 15:09	1
Chloroform	ND		6.9	1.1	ug/Kg	☼	10/04/24 13:25	10/04/24 15:09	1
Chloromethane	ND		6.9	3.2	ug/Kg	☼	10/04/24 13:25	10/04/24 15:09	1
cis-1,2-Dichloroethene	ND		6.9	2.1	ug/Kg	☼	10/04/24 13:25	10/04/24 15:09	1
cis-1,3-Dichloropropene	ND		6.9	4.0	ug/Kg	☼	10/04/24 13:25	10/04/24 15:09	1
Cyclohexane	ND		14	1.9	ug/Kg	☼	10/04/24 13:25	10/04/24 15:09	1
Chlorodibromomethane	ND		6.9	3.9	ug/Kg	☼	10/04/24 13:25	10/04/24 15:09	1
Dichlorodifluoromethane	ND		6.9	3.1	ug/Kg	☼	10/04/24 13:25	10/04/24 15:09	1
Ethylbenzene	ND		6.9	1.5	ug/Kg	☼	10/04/24 13:25	10/04/24 15:09	1
Isopropylbenzene	ND		6.9	2.7	ug/Kg	☼	10/04/24 13:25	10/04/24 15:09	1
Methyl acetate	ND		35	4.7	ug/Kg	☼	10/04/24 13:25	10/04/24 15:09	1
Methyl tert-butyl ether	ND		6.9	2.7	ug/Kg	☼	10/04/24 13:25	10/04/24 15:09	1
Methylcyclohexane	ND		14	1.7	ug/Kg	☼	10/04/24 13:25	10/04/24 15:09	1
Methylene Chloride	ND		35	17	ug/Kg	☼	10/04/24 13:25	10/04/24 15:09	1
Styrene	ND		6.9	1.6	ug/Kg	☼	10/04/24 13:25	10/04/24 15:09	1
Tetrachloroethene	ND		6.9	5.4	ug/Kg	☼	10/04/24 13:25	10/04/24 15:09	1
Toluene	ND		6.9	1.1	ug/Kg	☼	10/04/24 13:25	10/04/24 15:09	1
trans-1,2-Dichloroethene	ND		6.9	2.0	ug/Kg	☼	10/04/24 13:25	10/04/24 15:09	1
trans-1,3-Dichloropropene	ND		6.9	5.2	ug/Kg	☼	10/04/24 13:25	10/04/24 15:09	1
Trichloroethene	ND		6.9	2.0	ug/Kg	☼	10/04/24 13:25	10/04/24 15:09	1
Trichlorofluoromethane	ND		6.9	3.7	ug/Kg	☼	10/04/24 13:25	10/04/24 15:09	1
Vinyl chloride	ND		6.9	2.5	ug/Kg	☼	10/04/24 13:25	10/04/24 15:09	1
Xylenes, Total	ND		14	2.2	ug/Kg	☼	10/04/24 13:25	10/04/24 15:09	1

Client: August Mack Environmental, Inc.
Project/Site: MSC Canfield - Soil

Job ID: 240-212357-1

Client Sample ID: T625-C-0.0
Date Collected: 10/03/24 10:50
Date Received: 10/03/24 12:00

Lab Sample ID: 240-212357-11
Matrix: Solid
Percent Solids: 69.1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Toluene-d8 (Surr)	*98*		*56 - 125*	*10/04/24 13:25*	*10/04/24 15:09*	*1*
Dibromofluoromethane (Surr)	*103*		*41 - 138*	*10/04/24 13:25*	*10/04/24 15:09*	*1*
4-Bromofluorobenzene (Surr)	*92*		*41 - 143*	*10/04/24 13:25*	*10/04/24 15:09*	*1*
1,2-Dichloroethane-d4 (Surr)	*113*		*58 - 125*	*10/04/24 13:25*	*10/04/24 15:09*	*1*

Method: SW846 8270E - Semivolatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1'-Biphenyl	ND		350	99	ug/Kg	☼	10/04/24 08:53	10/07/24 21:01	2.5
bis (2-chloroisopropyl) ether	ND		350	92	ug/Kg	☼	10/04/24 08:53	10/07/24 21:01	2.5
2,4,5-Trichlorophenol	ND		530	120	ug/Kg	☼	10/04/24 08:53	10/07/24 21:01	2.5
2,4,6-Trichlorophenol	ND		530	100	ug/Kg	☼	10/04/24 08:53	10/07/24 21:01	2.5
2,4-Dichlorophenol	ND		530	95	ug/Kg	☼	10/04/24 08:53	10/07/24 21:01	2.5
2,4-Dimethylphenol	ND		530	130	ug/Kg	☼	10/04/24 08:53	10/07/24 21:01	2.5
2,4-Dinitrophenol	ND		1200	600	ug/Kg	☼	10/04/24 08:53	10/07/24 21:01	2.5
2,4-Dinitrotoluene	ND		710	81	ug/Kg	☼	10/04/24 08:53	10/07/24 21:01	2.5
2,6-Dinitrotoluene	ND		710	130	ug/Kg	☼	10/04/24 08:53	10/07/24 21:01	2.5
2-Chloronaphthalene	ND		350	99	ug/Kg	☼	10/04/24 08:53	10/07/24 21:01	2.5
2-Chlorophenol	ND		350	92	ug/Kg	☼	10/04/24 08:53	10/07/24 21:01	2.5
2-Methylnaphthalene	**140**		140	46	ug/Kg	☼	10/04/24 08:53	10/07/24 21:01	2.5
2-Methylphenol	ND		710	140	ug/Kg	☼	10/04/24 08:53	10/07/24 21:01	2.5
2-Nitroaniline	ND		710	130	ug/Kg	☼	10/04/24 08:53	10/07/24 21:01	2.5
2-Nitrophenol	ND		350	120	ug/Kg	☼	10/04/24 08:53	10/07/24 21:01	2.5
3,3'-Dichlorobenzidine	ND		530	340	ug/Kg	☼	10/04/24 08:53	10/07/24 21:01	2.5
3-Nitroaniline	ND		710	120	ug/Kg	☼	10/04/24 08:53	10/07/24 21:01	2.5
4,6-Dinitro-2-methylphenol	ND		1200	370	ug/Kg	☼	10/04/24 08:53	10/07/24 21:01	2.5
4-Bromophenyl phenyl ether	ND		350	110	ug/Kg	☼	10/04/24 08:53	10/07/24 21:01	2.5
4-Chloro-3-methylphenol	ND		530	130	ug/Kg	☼	10/04/24 08:53	10/07/24 21:01	2.5
4-Chloroaniline	ND		530	57	ug/Kg	☼	10/04/24 08:53	10/07/24 21:01	2.5
4-Chlorophenyl phenyl ether	ND		350	99	ug/Kg	☼	10/04/24 08:53	10/07/24 21:01	2.5
4-Nitroaniline	ND		710	92	ug/Kg	☼	10/04/24 08:53	10/07/24 21:01	2.5
4-Nitrophenol	ND		1200	320	ug/Kg	☼	10/04/24 08:53	10/07/24 21:01	2.5
Acenaphthene	ND		140	49	ug/Kg	☼	10/04/24 08:53	10/07/24 21:01	2.5
Acenaphthylene	ND		140	53	ug/Kg	☼	10/04/24 08:53	10/07/24 21:01	2.5
Acetophenone	ND		350	88	ug/Kg	☼	10/04/24 08:53	10/07/24 21:01	2.5
Anthracene	ND		140	42	ug/Kg	☼	10/04/24 08:53	10/07/24 21:01	2.5
Atrazine	ND		1200	240	ug/Kg	☼	10/04/24 08:53	10/07/24 21:01	2.5
Benzaldehyde	ND		1200	200	ug/Kg	☼	10/04/24 08:53	10/07/24 21:01	2.5
Benzo[a]anthracene	ND		140	53	ug/Kg	☼	10/04/24 08:53	10/07/24 21:01	2.5
Benzo[a]pyrene	**60**	**J**	140	49	ug/Kg	☼	10/04/24 08:53	10/07/24 21:01	2.5
Benzo[b]fluoranthene	**120**	**J**	140	42	ug/Kg	☼	10/04/24 08:53	10/07/24 21:01	2.5
Benzo[g,h,i]perylene	ND		140	95	ug/Kg	☼	10/04/24 08:53	10/07/24 21:01	2.5
Benzo[k]fluoranthene	ND		140	35	ug/Kg	☼	10/04/24 08:53	10/07/24 21:01	2.5
Bis(2-chloroethoxy)methane	ND		350	71	ug/Kg	☼	10/04/24 08:53	10/07/24 21:01	2.5
Bis(2-chloroethyl)ether	ND		350	78	ug/Kg	☼	10/04/24 08:53	10/07/24 21:01	2.5
Bis(2-ethylhexyl) phthalate	ND		530	200	ug/Kg	☼	10/04/24 08:53	10/07/24 21:01	2.5
Butyl benzyl phthalate	ND		530	180	ug/Kg	☼	10/04/24 08:53	10/07/24 21:01	2.5
Caprolactam	ND		1200	240	ug/Kg	☼	10/04/24 08:53	10/07/24 21:01	2.5
Carbazole	ND		350	95	ug/Kg	☼	10/04/24 08:53	10/07/24 21:01	2.5
Chrysene	ND		140	49	ug/Kg	☼	10/04/24 08:53	10/07/24 21:01	2.5
Dibenz(a,h)anthracene	ND		140	53	ug/Kg	☼	10/04/24 08:53	10/07/24 21:01	2.5

Client Sample ID: T625-C-0.0
Date Collected: 10/03/24 10:50
Date Received: 10/03/24 12:00

Lab Sample ID: 240-212357-11
Matrix: Solid
Percent Solids: 69.1

Method: SW846 8270E - Semivolatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Dibenzofuran	ND		350	100	ug/Kg	☼	10/04/24 08:53	10/07/24 21:01	2.5
Diethyl phthalate	ND		530	150	ug/Kg	☼	10/04/24 08:53	10/07/24 21:01	2.5
Dimethyl phthalate	ND		530	140	ug/Kg	☼	10/04/24 08:53	10/07/24 21:01	2.5
Di-n-butyl phthalate	ND		530	180	ug/Kg	☼	10/04/24 08:53	10/07/24 21:01	2.5
Di-n-octyl phthalate	ND		530	180	ug/Kg	☼	10/04/24 08:53	10/07/24 21:01	2.5
Fluoranthene	**130**	**J**	140	49	ug/Kg	☼	10/04/24 08:53	10/07/24 21:01	2.5
Fluorene	ND		140	49	ug/Kg	☼	10/04/24 08:53	10/07/24 21:01	2.5
Hexachlorobenzene	ND		140	49	ug/Kg	☼	10/04/24 08:53	10/07/24 21:01	2.5
Hexachlorobutadiene	ND		350	74	ug/Kg	☼	10/04/24 08:53	10/07/24 21:01	2.5
Hexachlorocyclopentadiene	ND		1200	140	ug/Kg	☼	10/04/24 08:53	10/07/24 21:01	2.5
Hexachloroethane	ND		350	110	ug/Kg	☼	10/04/24 08:53	10/07/24 21:01	2.5
Indeno[1,2,3-cd]pyrene	ND		140	42	ug/Kg	☼	10/04/24 08:53	10/07/24 21:01	2.5
Isophorone	ND		350	92	ug/Kg	☼	10/04/24 08:53	10/07/24 21:01	2.5
N-Nitrosodi-n-propylamine	ND		350	130	ug/Kg	☼	10/04/24 08:53	10/07/24 21:01	2.5
N-Nitrosodiphenylamine	ND		350	95	ug/Kg	☼	10/04/24 08:53	10/07/24 21:01	2.5
Naphthalene	**110**	**J**	140	46	ug/Kg	☼	10/04/24 08:53	10/07/24 21:01	2.5
Nitrobenzene	ND		350	78	ug/Kg	☼	10/04/24 08:53	10/07/24 21:01	2.5
Pentachlorophenol	ND		950	370	ug/Kg	☼	10/04/24 08:53	10/07/24 21:01	2.5
Phenanthrene	**140**		140	46	ug/Kg	☼	10/04/24 08:53	10/07/24 21:01	2.5
Phenol	ND		350	130	ug/Kg	☼	10/04/24 08:53	10/07/24 21:01	2.5
Pyrene	**90**	**J**	140	57	ug/Kg	☼	10/04/24 08:53	10/07/24 21:01	2.5
3 & 4 Methylphenol	**140**	**J**	1400	140	ug/Kg	☼	10/04/24 08:53	10/07/24 21:01	2.5

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Terphenyl-d14 (Surr)	*79*		*37 - 120*	*10/04/24 08:53*	*10/07/24 21:01*	*2.5*
Phenol-d5 (Surr)	*81*		*29 - 120*	*10/04/24 08:53*	*10/07/24 21:01*	*2.5*
Nitrobenzene-d5 (Surr)	*40*		*28 - 120*	*10/04/24 08:53*	*10/07/24 21:01*	*2.5*
2-Fluorophenol (Surr)	*77*		*26 - 120*	*10/04/24 08:53*	*10/07/24 21:01*	*2.5*
2-Fluorobiphenyl (Surr)	*83*		*36 - 120*	*10/04/24 08:53*	*10/07/24 21:01*	*2.5*
2,4,6-Tribromophenol (Surr)	*54*		*10 - 120*	*10/04/24 08:53*	*10/07/24 21:01*	*2.5*

Method: SW846 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aroclor-1016	ND		72	36	ug/Kg	☼	10/04/24 08:58	10/04/24 19:45	1
Aroclor-1221	ND		72	43	ug/Kg	☼	10/04/24 08:58	10/04/24 19:45	1
Aroclor-1232	ND		72	30	ug/Kg	☼	10/04/24 08:58	10/04/24 19:45	1
Aroclor-1242	ND		72	27	ug/Kg	☼	10/04/24 08:58	10/04/24 19:45	1
Aroclor-1248	ND		72	24	ug/Kg	☼	10/04/24 08:58	10/04/24 19:45	1
Aroclor-1254	ND		72	30	ug/Kg	☼	10/04/24 08:58	10/04/24 19:45	1
Aroclor-1260	ND		72	30	ug/Kg	☼	10/04/24 08:58	10/04/24 19:45	1
Aroclor-1262	ND		72	32	ug/Kg	☼	10/04/24 08:58	10/04/24 19:45	1
Aroclor-1268	ND		72	23	ug/Kg	☼	10/04/24 08:58	10/04/24 19:45	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Tetrachloro-m-xylene	*74*		*10 - 149*	*10/04/24 08:58*	*10/04/24 19:45*	*1*
DCB Decachlorobiphenyl	*81*		*10 - 174*	*10/04/24 08:58*	*10/04/24 19:45*	*1*

Method: SW846 6010D - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	**15**		2.0	0.41	mg/Kg	☼	10/04/24 15:00	10/05/24 23:58	1

Client: August Mack Environmental, Inc.
Project/Site: MSC Canfield - Soil

Job ID: 240-212357-1

Client Sample ID: T625-C-0.0
Date Collected: 10/03/24 10:50
Date Received: 10/03/24 12:00

Lab Sample ID: 240-212357-11
Matrix: Solid
Percent Solids: 69.1

Method: SW846 6010D - Metals (ICP) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Barium	100		26	0.16	mg/Kg	☼	10/04/24 15:00	10/05/24 23:58	1
Cadmium	0.28	J	0.65	0.063	mg/Kg	☼	10/04/24 15:00	10/05/24 23:58	1
Chromium	18		1.3	0.45	mg/Kg	☼	10/04/24 15:00	10/05/24 23:58	1
Copper	3.7		3.3	0.91	mg/Kg	☼	10/04/24 15:00	10/05/24 23:58	1
Lead	30		1.3	0.37	mg/Kg	☼	10/04/24 15:00	10/05/24 23:58	1
Selenium	ND		2.6	0.61	mg/Kg	☼	10/04/24 15:00	10/05/24 23:58	1
Silver	0.11	J	1.3	0.11	mg/Kg	☼	10/04/24 15:00	10/05/24 23:58	1
Zinc	12000		130	94	mg/Kg	☼	10/04/24 15:00	10/06/24 17:07	20

Method: SW846 7471B - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.037	J	0.17	0.030	mg/Kg	☼	10/04/24 15:00	10/07/24 11:30	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cyanide, Total (SW846 9012B)	160		16	13	mg/Kg	☼	10/07/24 08:58	10/07/24 13:59	25

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Solids (EPA Moisture)	69.1		0.1	0.1	%			10/03/24 19:07	1
Percent Moisture (EPA Moisture)	30.9		0.1	0.1	%			10/03/24 19:07	1

Client: August Mack Environmental, Inc.
Project/Site: MSC Canfield - Soil

Job ID: 240-212357-1

Client Sample ID: T750-E-0.0
Date Collected: 10/03/24 11:05
Date Received: 10/03/24 12:00

Lab Sample ID: 240-212357-12
Matrix: Solid
Percent Solids: 60.7

Method: SW846 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		7.6	2.7	ug/Kg	☼	10/04/24 13:25	10/04/24 15:27	1
1,1,2,2-Tetrachloroethane	ND		7.6	2.2	ug/Kg	☼	10/04/24 13:25	10/04/24 15:27	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		7.6	2.0	ug/Kg	☼	10/04/24 13:25	10/04/24 15:27	1
1,1,2-Trichloroethane	ND		7.6	1.7	ug/Kg	☼	10/04/24 13:25	10/04/24 15:27	1
1,1-Dichloroethane	ND		7.6	2.2	ug/Kg	☼	10/04/24 13:25	10/04/24 15:27	1
1,1-Dichloroethene	ND		7.6	2.8	ug/Kg	☼	10/04/24 13:25	10/04/24 15:27	1
1,2,4-Trichlorobenzene	ND		7.6	3.8	ug/Kg	☼	10/04/24 13:25	10/04/24 15:27	1
1,2-Dibromo-3-Chloropropane	ND		15	5.5	ug/Kg	☼	10/04/24 13:25	10/04/24 15:27	1
Ethylene Dibromide	ND		7.6	1.2	ug/Kg	☼	10/04/24 13:25	10/04/24 15:27	1
1,2-Dichlorobenzene	ND		7.6	1.7	ug/Kg	☼	10/04/24 13:25	10/04/24 15:27	1
1,2-Dichloroethane	ND		7.6	2.7	ug/Kg	☼	10/04/24 13:25	10/04/24 15:27	1
1,2-Dichloropropane	ND		7.6	1.3	ug/Kg	☼	10/04/24 13:25	10/04/24 15:27	1
1,3-Dichlorobenzene	ND		7.6	2.5	ug/Kg	☼	10/04/24 13:25	10/04/24 15:27	1
1,4-Dichlorobenzene	ND		7.6	1.3	ug/Kg	☼	10/04/24 13:25	10/04/24 15:27	1
2-Butanone (MEK)	ND		30	5.4	ug/Kg	☼	10/04/24 13:25	10/04/24 15:27	1
2-Hexanone	ND		30	6.2	ug/Kg	☼	10/04/24 13:25	10/04/24 15:27	1
4-Methyl-2-pentanone (MIBK)	ND		30	5.7	ug/Kg	☼	10/04/24 13:25	10/04/24 15:27	1
Acetone	ND		38	32	ug/Kg	☼	10/04/24 13:25	10/04/24 15:27	1
Benzene	ND		7.6	1.1	ug/Kg	☼	10/04/24 13:25	10/04/24 15:27	1
Dichlorobromomethane	ND		7.6	2.3	ug/Kg	☼	10/04/24 13:25	10/04/24 15:27	1
Bromoform	ND		7.6	3.7	ug/Kg	☼	10/04/24 13:25	10/04/24 15:27	1
Bromomethane	ND		7.6	6.3	ug/Kg	☼	10/04/24 13:25	10/04/24 15:27	1
Carbon disulfide	ND		7.6	1.8	ug/Kg	☼	10/04/24 13:25	10/04/24 15:27	1
Carbon tetrachloride	ND		7.6	5.0	ug/Kg	☼	10/04/24 13:25	10/04/24 15:27	1
Chlorobenzene	ND		7.6	1.4	ug/Kg	☼	10/04/24 13:25	10/04/24 15:27	1
Chloroethane	ND		7.6	4.2	ug/Kg	☼	10/04/24 13:25	10/04/24 15:27	1
Chloroform	ND		7.6	1.2	ug/Kg	☼	10/04/24 13:25	10/04/24 15:27	1
Chloromethane	ND		7.6	3.5	ug/Kg	☼	10/04/24 13:25	10/04/24 15:27	1
cis-1,2-Dichloroethene	ND		7.6	2.3	ug/Kg	☼	10/04/24 13:25	10/04/24 15:27	1
cis-1,3-Dichloropropene	ND		7.6	4.4	ug/Kg	☼	10/04/24 13:25	10/04/24 15:27	1
Cyclohexane	ND		15	2.1	ug/Kg	☼	10/04/24 13:25	10/04/24 15:27	1
Chlorodibromomethane	ND		7.6	4.2	ug/Kg	☼	10/04/24 13:25	10/04/24 15:27	1
Dichlorodifluoromethane	ND		7.6	3.4	ug/Kg	☼	10/04/24 13:25	10/04/24 15:27	1
Ethylbenzene	ND		7.6	1.6	ug/Kg	☼	10/04/24 13:25	10/04/24 15:27	1
Isopropylbenzene	ND		7.6	2.9	ug/Kg	☼	10/04/24 13:25	10/04/24 15:27	1
Methyl acetate	ND		38	5.2	ug/Kg	☼	10/04/24 13:25	10/04/24 15:27	1
Methyl tert-butyl ether	ND		7.6	3.0	ug/Kg	☼	10/04/24 13:25	10/04/24 15:27	1
Methylcyclohexane	ND		15	1.9	ug/Kg	☼	10/04/24 13:25	10/04/24 15:27	1
Methylene Chloride	ND		38	18	ug/Kg	☼	10/04/24 13:25	10/04/24 15:27	1
Styrene	ND		7.6	1.8	ug/Kg	☼	10/04/24 13:25	10/04/24 15:27	1
Tetrachloroethene	ND		7.6	5.9	ug/Kg	☼	10/04/24 13:25	10/04/24 15:27	1
Toluene	ND		7.6	1.2	ug/Kg	☼	10/04/24 13:25	10/04/24 15:27	1
trans-1,2-Dichloroethene	ND		7.6	2.2	ug/Kg	☼	10/04/24 13:25	10/04/24 15:27	1
trans-1,3-Dichloropropene	ND		7.6	5.7	ug/Kg	☼	10/04/24 13:25	10/04/24 15:27	1
Trichloroethene	ND		7.6	2.2	ug/Kg	☼	10/04/24 13:25	10/04/24 15:27	1
Trichlorofluoromethane	ND		7.6	4.1	ug/Kg	☼	10/04/24 13:25	10/04/24 15:27	1
Vinyl chloride	ND		7.6	2.7	ug/Kg	☼	10/04/24 13:25	10/04/24 15:27	1
Xylenes, Total	ND		15	2.4	ug/Kg	☼	10/04/24 13:25	10/04/24 15:27	1

Client: August Mack Environmental, Inc.
Project/Site: MSC Canfield - Soil

Job ID: 240-212357-1

Client Sample ID: T750-E-0.0
Date Collected: 10/03/24 11:05
Date Received: 10/03/24 12:00

Lab Sample ID: 240-212357-12
Matrix: Solid
Percent Solids: 60.7

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Toluene-d8 (Surr)	*98*		*56 - 125*	*10/04/24 13:25*	*10/04/24 15:27*	*1*
Dibromofluoromethane (Surr)	*108*		*41 - 138*	*10/04/24 13:25*	*10/04/24 15:27*	*1*
4-Bromofluorobenzene (Surr)	*96*		*41 - 143*	*10/04/24 13:25*	*10/04/24 15:27*	*1*
1,2-Dichloroethane-d4 (Surr)	*119*		*58 - 125*	*10/04/24 13:25*	*10/04/24 15:27*	*1*

Method: SW846 8270E - Semivolatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1'-Biphenyl	ND		160	45	ug/Kg	☼	10/04/24 08:53	10/07/24 17:20	1
bis (2-chloroisopropyl) ether	ND		160	42	ug/Kg	☼	10/04/24 08:53	10/07/24 17:20	1
2,4,5-Trichlorophenol	ND		240	54	ug/Kg	☼	10/04/24 08:53	10/07/24 17:20	1
2,4,6-Trichlorophenol	ND		240	47	ug/Kg	☼	10/04/24 08:53	10/07/24 17:20	1
2,4-Dichlorophenol	ND		240	44	ug/Kg	☼	10/04/24 08:53	10/07/24 17:20	1
2,4-Dimethylphenol	ND		240	58	ug/Kg	☼	10/04/24 08:53	10/07/24 17:20	1
2,4-Dinitrophenol	ND		540	280	ug/Kg	☼	10/04/24 08:53	10/07/24 17:20	1
2,4-Dinitrotoluene	ND		320	37	ug/Kg	☼	10/04/24 08:53	10/07/24 17:20	1
2,6-Dinitrotoluene	ND		320	58	ug/Kg	☼	10/04/24 08:53	10/07/24 17:20	1
2-Chloronaphthalene	ND		160	45	ug/Kg	☼	10/04/24 08:53	10/07/24 17:20	1
2-Chlorophenol	ND		160	42	ug/Kg	☼	10/04/24 08:53	10/07/24 17:20	1
2-Methylnaphthalene	**48**	**J**	65	21	ug/Kg	☼	10/04/24 08:53	10/07/24 17:20	1
2-Methylphenol	ND		320	67	ug/Kg	☼	10/04/24 08:53	10/07/24 17:20	1
2-Nitroaniline	ND		320	62	ug/Kg	☼	10/04/24 08:53	10/07/24 17:20	1
2-Nitrophenol	ND		160	57	ug/Kg	☼	10/04/24 08:53	10/07/24 17:20	1
3,3'-Dichlorobenzidine	ND		240	150	ug/Kg	☼	10/04/24 08:53	10/07/24 17:20	1
3-Nitroaniline	ND		320	57	ug/Kg	☼	10/04/24 08:53	10/07/24 17:20	1
4,6-Dinitro-2-methylphenol	ND		540	170	ug/Kg	☼	10/04/24 08:53	10/07/24 17:20	1
4-Bromophenyl phenyl ether	ND		160	52	ug/Kg	☼	10/04/24 08:53	10/07/24 17:20	1
4-Chloro-3-methylphenol	ND		240	62	ug/Kg	☼	10/04/24 08:53	10/07/24 17:20	1
4-Chloroaniline	ND		240	26	ug/Kg	☼	10/04/24 08:53	10/07/24 17:20	1
4-Chlorophenyl phenyl ether	ND		160	45	ug/Kg	☼	10/04/24 08:53	10/07/24 17:20	1
4-Nitroaniline	ND		320	42	ug/Kg	☼	10/04/24 08:53	10/07/24 17:20	1
4-Nitrophenol	ND		540	150	ug/Kg	☼	10/04/24 08:53	10/07/24 17:20	1
Acenaphthene	**23**	**J**	65	23	ug/Kg	☼	10/04/24 08:53	10/07/24 17:20	1
Acenaphthylene	ND		65	24	ug/Kg	☼	10/04/24 08:53	10/07/24 17:20	1
Acetophenone	ND		160	41	ug/Kg	☼	10/04/24 08:53	10/07/24 17:20	1
Anthracene	**58**	**J**	65	19	ug/Kg	☼	10/04/24 08:53	10/07/24 17:20	1
Atrazine	ND		540	110	ug/Kg	☼	10/04/24 08:53	10/07/24 17:20	1
Benzaldehyde	ND		540	91	ug/Kg	☼	10/04/24 08:53	10/07/24 17:20	1
Benzo[a]anthracene	**290**		65	24	ug/Kg	☼	10/04/24 08:53	10/07/24 17:20	1
Benzo[a]pyrene	**400**		65	23	ug/Kg	☼	10/04/24 08:53	10/07/24 17:20	1
Benzo[b]fluoranthene	**760**		65	19	ug/Kg	☼	10/04/24 08:53	10/07/24 17:20	1
Benzo[g,h,i]perylene	**230**		65	44	ug/Kg	☼	10/04/24 08:53	10/07/24 17:20	1
Benzo[k]fluoranthene	**210**		65	16	ug/Kg	☼	10/04/24 08:53	10/07/24 17:20	1
Bis(2-chloroethoxy)methane	ND		160	32	ug/Kg	☼	10/04/24 08:53	10/07/24 17:20	1
Bis(2-chloroethyl)ether	ND		160	36	ug/Kg	☼	10/04/24 08:53	10/07/24 17:20	1
Bis(2-ethylhexyl) phthalate	ND		240	91	ug/Kg	☼	10/04/24 08:53	10/07/24 17:20	1
Butyl benzyl phthalate	ND		240	83	ug/Kg	☼	10/04/24 08:53	10/07/24 17:20	1
Caprolactam	ND		540	110	ug/Kg	☼	10/04/24 08:53	10/07/24 17:20	1
Carbazole	**81**	**J**	160	44	ug/Kg	☼	10/04/24 08:53	10/07/24 17:20	1
Chrysene	**490**		65	23	ug/Kg	☼	10/04/24 08:53	10/07/24 17:20	1
Dibenz(a,h)anthracene	**68**		65	24	ug/Kg	☼	10/04/24 08:53	10/07/24 17:20	1

Client Sample ID: T750-E-0.0
Lab Sample ID: 240-212357-12
Date Collected: 10/03/24 11:05
Matrix: Solid
Date Received: 10/03/24 12:00
Percent Solids: 60.7

Method: SW846 8270E - Semivolatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Dibenzofuran	ND		160	47	ug/Kg	☼	10/04/24 08:53	10/07/24 17:20	1
Diethyl phthalate	ND		240	70	ug/Kg	☼	10/04/24 08:53	10/07/24 17:20	1
Dimethyl phthalate	ND		240	65	ug/Kg	☼	10/04/24 08:53	10/07/24 17:20	1
Di-n-butyl phthalate	ND		240	83	ug/Kg	☼	10/04/24 08:53	10/07/24 17:20	1
Di-n-octyl phthalate	ND		240	81	ug/Kg	☼	10/04/24 08:53	10/07/24 17:20	1
Fluoranthene	**900**		65	23	ug/Kg	☼	10/04/24 08:53	10/07/24 17:20	1
Fluorene	ND		65	23	ug/Kg	☼	10/04/24 08:53	10/07/24 17:20	1
Hexachlorobenzene	ND		65	23	ug/Kg	☼	10/04/24 08:53	10/07/24 17:20	1
Hexachlorobutadiene	ND		160	34	ug/Kg	☼	10/04/24 08:53	10/07/24 17:20	1
Hexachlorocyclopentadiene	ND		540	63	ug/Kg	☼	10/04/24 08:53	10/07/24 17:20	1
Hexachloroethane	ND		160	52	ug/Kg	☼	10/04/24 08:53	10/07/24 17:20	1
Indeno[1,2,3-cd]pyrene	**190**		65	19	ug/Kg	☼	10/04/24 08:53	10/07/24 17:20	1
Isophorone	ND		160	42	ug/Kg	☼	10/04/24 08:53	10/07/24 17:20	1
N-Nitrosodi-n-propylamine	ND		160	60	ug/Kg	☼	10/04/24 08:53	10/07/24 17:20	1
N-Nitrosodiphenylamine	ND		160	44	ug/Kg	☼	10/04/24 08:53	10/07/24 17:20	1
Naphthalene	**43**	**J**	65	21	ug/Kg	☼	10/04/24 08:53	10/07/24 17:20	1
Nitrobenzene	ND		160	36	ug/Kg	☼	10/04/24 08:53	10/07/24 17:20	1
Pentachlorophenol	ND		440	170	ug/Kg	☼	10/04/24 08:53	10/07/24 17:20	1
Phenanthrene	**350**		65	21	ug/Kg	☼	10/04/24 08:53	10/07/24 17:20	1
Phenol	ND		160	62	ug/Kg	☼	10/04/24 08:53	10/07/24 17:20	1
Pyrene	**710**		65	26	ug/Kg	☼	10/04/24 08:53	10/07/24 17:20	1
3 & 4 Methylphenol	ND		650	67	ug/Kg	☼	10/04/24 08:53	10/07/24 17:20	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Terphenyl-d14 (Surr)	*74*		*37 - 120*	*10/04/24 08:53*	*10/07/24 17:20*	*1*
Phenol-d5 (Surr)	*80*		*29 - 120*	*10/04/24 08:53*	*10/07/24 17:20*	*1*
Nitrobenzene-d5 (Surr)	*70*		*28 - 120*	*10/04/24 08:53*	*10/07/24 17:20*	*1*
2-Fluorophenol (Surr)	*77*		*26 - 120*	*10/04/24 08:53*	*10/07/24 17:20*	*1*
2-Fluorobiphenyl (Surr)	*78*		*36 - 120*	*10/04/24 08:53*	*10/07/24 17:20*	*1*
2,4,6-Tribromophenol (Surr)	*90*		*10 - 120*	*10/04/24 08:53*	*10/07/24 17:20*	*1*

Method: SW846 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aroclor-1016	ND		83	42	ug/Kg	☼	10/04/24 08:58	10/04/24 19:59	1
Aroclor-1221	ND		83	50	ug/Kg	☼	10/04/24 08:58	10/04/24 19:59	1
Aroclor-1232	ND		83	35	ug/Kg	☼	10/04/24 08:58	10/04/24 19:59	1
Aroclor-1242	ND		83	32	ug/Kg	☼	10/04/24 08:58	10/04/24 19:59	1
Aroclor-1248	ND		83	28	ug/Kg	☼	10/04/24 08:58	10/04/24 19:59	1
Aroclor-1254	ND		83	35	ug/Kg	☼	10/04/24 08:58	10/04/24 19:59	1
Aroclor-1260	ND		83	35	ug/Kg	☼	10/04/24 08:58	10/04/24 19:59	1
Aroclor-1262	ND		83	37	ug/Kg	☼	10/04/24 08:58	10/04/24 19:59	1
Aroclor-1268	ND		83	27	ug/Kg	☼	10/04/24 08:58	10/04/24 19:59	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Tetrachloro-m-xylene	*80*		*10 - 149*	*10/04/24 08:58*	*10/04/24 19:59*	*1*
DCB Decachlorobiphenyl	*83*		*10 - 174*	*10/04/24 08:58*	*10/04/24 19:59*	*1*

Method: SW846 6010D - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	**13**		2.2	0.46	mg/Kg	☼	10/04/24 15:00	10/06/24 00:03	1

Client: August Mack Environmental, Inc.
Project/Site: MSC Canfield - Soil

Job ID: 240-212357-1

Client Sample ID: T750-E-0.0
Date Collected: 10/03/24 11:05
Date Received: 10/03/24 12:00

Lab Sample ID: 240-212357-12
Matrix: Solid
Percent Solids: 60.7

Method: SW846 6010D - Metals (ICP) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Barium	85		29	0.18	mg/Kg	☼	10/04/24 15:00	10/06/24 00:03	1
Cadmium	0.44	J	0.72	0.069	mg/Kg	☼	10/04/24 15:00	10/06/24 00:03	1
Chromium	20		1.4	0.50	mg/Kg	☼	10/04/24 15:00	10/06/24 00:03	1
Copper	27		3.6	1.0	mg/Kg	☼	10/04/24 15:00	10/06/24 00:03	1
Lead	29		1.4	0.41	mg/Kg	☼	10/04/24 15:00	10/06/24 00:03	1
Selenium	ND		2.9	0.68	mg/Kg	☼	10/04/24 15:00	10/06/24 00:03	1
Silver	0.16	J	1.4	0.12	mg/Kg	☼	10/04/24 15:00	10/06/24 00:03	1
Zinc	420		7.2	5.2	mg/Kg	☼	10/04/24 15:00	10/06/24 00:03	1

Method: SW846 7471B - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.056	J	0.17	0.031	mg/Kg	☼	10/04/24 15:00	10/07/24 11:31	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cyanide, Total (SW846 9012B)	20		0.86	0.68	mg/Kg	☼	10/04/24 09:32	10/04/24 11:31	1

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Solids (EPA Moisture)	60.7		0.1	0.1	%			10/03/24 19:07	1
Percent Moisture (EPA Moisture)	39.3		0.1	0.1	%			10/03/24 19:07	1

Client: August Mack Environmental, Inc.
Project/Site: MSC Canfield - Soil

Job ID: 240-212357-1

Client Sample ID: T750-W-0.0
Date Collected: 10/03/24 11:10
Date Received: 10/03/24 12:00

Lab Sample ID: 240-212357-13
Matrix: Solid
Percent Solids: 68.3

Method: SW846 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		7.1	2.5	ug/Kg	☼	10/04/24 13:25	10/04/24 15:45	1
1,1,2,2-Tetrachloroethane	ND		7.1	2.0	ug/Kg	☼	10/04/24 13:25	10/04/24 15:45	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		7.1	1.8	ug/Kg	☼	10/04/24 13:25	10/04/24 15:45	1
1,1,2-Trichloroethane	ND		7.1	1.6	ug/Kg	☼	10/04/24 13:25	10/04/24 15:45	1
1,1-Dichloroethane	ND		7.1	2.0	ug/Kg	☼	10/04/24 13:25	10/04/24 15:45	1
1,1-Dichloroethene	ND		7.1	2.6	ug/Kg	☼	10/04/24 13:25	10/04/24 15:45	1
1,2,4-Trichlorobenzene	ND		7.1	3.6	ug/Kg	☼	10/04/24 13:25	10/04/24 15:45	1
1,2-Dibromo-3-Chloropropane	ND		14	5.1	ug/Kg	☼	10/04/24 13:25	10/04/24 15:45	1
Ethylene Dibromide	ND		7.1	1.1	ug/Kg	☼	10/04/24 13:25	10/04/24 15:45	1
1,2-Dichlorobenzene	ND		7.1	1.6	ug/Kg	☼	10/04/24 13:25	10/04/24 15:45	1
1,2-Dichloroethane	ND		7.1	2.6	ug/Kg	☼	10/04/24 13:25	10/04/24 15:45	1
1,2-Dichloropropane	ND		7.1	1.2	ug/Kg	☼	10/04/24 13:25	10/04/24 15:45	1
1,3-Dichlorobenzene	ND		7.1	2.3	ug/Kg	☼	10/04/24 13:25	10/04/24 15:45	1
1,4-Dichlorobenzene	ND		7.1	1.3	ug/Kg	☼	10/04/24 13:25	10/04/24 15:45	1
2-Butanone (MEK)	ND		28	5.1	ug/Kg	☼	10/04/24 13:25	10/04/24 15:45	1
2-Hexanone	ND		28	5.8	ug/Kg	☼	10/04/24 13:25	10/04/24 15:45	1
4-Methyl-2-pentanone (MIBK)	ND		28	5.3	ug/Kg	☼	10/04/24 13:25	10/04/24 15:45	1
Acetone	ND		36	30	ug/Kg	☼	10/04/24 13:25	10/04/24 15:45	1
Benzene	ND		7.1	0.99	ug/Kg	☼	10/04/24 13:25	10/04/24 15:45	1
Dichlorobromomethane	ND		7.1	2.1	ug/Kg	☼	10/04/24 13:25	10/04/24 15:45	1
Bromoform	ND		7.1	3.4	ug/Kg	☼	10/04/24 13:25	10/04/24 15:45	1
Bromomethane	ND		7.1	5.9	ug/Kg	☼	10/04/24 13:25	10/04/24 15:45	1
Carbon disulfide	ND		7.1	1.7	ug/Kg	☼	10/04/24 13:25	10/04/24 15:45	1
Carbon tetrachloride	ND		7.1	4.6	ug/Kg	☼	10/04/24 13:25	10/04/24 15:45	1
Chlorobenzene	ND		7.1	1.3	ug/Kg	☼	10/04/24 13:25	10/04/24 15:45	1
Chloroethane	ND		7.1	3.9	ug/Kg	☼	10/04/24 13:25	10/04/24 15:45	1
Chloroform	ND		7.1	1.1	ug/Kg	☼	10/04/24 13:25	10/04/24 15:45	1
Chloromethane	ND		7.1	3.2	ug/Kg	☼	10/04/24 13:25	10/04/24 15:45	1
cis-1,2-Dichloroethene	ND		7.1	2.1	ug/Kg	☼	10/04/24 13:25	10/04/24 15:45	1
cis-1,3-Dichloropropene	ND		7.1	4.1	ug/Kg	☼	10/04/24 13:25	10/04/24 15:45	1
Cyclohexane	ND		14	2.0	ug/Kg	☼	10/04/24 13:25	10/04/24 15:45	1
Chlorodibromomethane	ND		7.1	4.0	ug/Kg	☼	10/04/24 13:25	10/04/24 15:45	1
Dichlorodifluoromethane	ND		7.1	3.2	ug/Kg	☼	10/04/24 13:25	10/04/24 15:45	1
Ethylbenzene	ND		7.1	1.5	ug/Kg	☼	10/04/24 13:25	10/04/24 15:45	1
Isopropylbenzene	ND		7.1	2.7	ug/Kg	☼	10/04/24 13:25	10/04/24 15:45	1
Methyl acetate	ND		36	4.8	ug/Kg	☼	10/04/24 13:25	10/04/24 15:45	1
Methyl tert-butyl ether	ND		7.1	2.8	ug/Kg	☼	10/04/24 13:25	10/04/24 15:45	1
Methylcyclohexane	ND		14	1.7	ug/Kg	☼	10/04/24 13:25	10/04/24 15:45	1
Methylene Chloride	ND		36	17	ug/Kg	☼	10/04/24 13:25	10/04/24 15:45	1
Styrene	ND		7.1	1.6	ug/Kg	☼	10/04/24 13:25	10/04/24 15:45	1
Tetrachloroethene	ND		7.1	5.5	ug/Kg	☼	10/04/24 13:25	10/04/24 15:45	1
Toluene	ND		7.1	1.1	ug/Kg	☼	10/04/24 13:25	10/04/24 15:45	1
trans-1,2-Dichloroethene	ND		7.1	2.0	ug/Kg	☼	10/04/24 13:25	10/04/24 15:45	1
trans-1,3-Dichloropropene	ND		7.1	5.3	ug/Kg	☼	10/04/24 13:25	10/04/24 15:45	1
Trichloroethene	ND		7.1	2.0	ug/Kg	☼	10/04/24 13:25	10/04/24 15:45	1
Trichlorofluoromethane	ND		7.1	3.8	ug/Kg	☼	10/04/24 13:25	10/04/24 15:45	1
Vinyl chloride	ND		7.1	2.5	ug/Kg	☼	10/04/24 13:25	10/04/24 15:45	1
Xylenes, Total	ND		14	2.3	ug/Kg	☼	10/04/24 13:25	10/04/24 15:45	1

Client: August Mack Environmental, Inc.
Project/Site: MSC Canfield - Soil

Job ID: 240-212357-1

Client Sample ID: T750-W-0.0
Date Collected: 10/03/24 11:10
Date Received: 10/03/24 12:00

Lab Sample ID: 240-212357-13
Matrix: Solid
Percent Solids: 68.3

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Toluene-d8 (Surr)	*96*		*56 - 125*	*10/04/24 13:25*	*10/04/24 15:45*	*1*
Dibromofluoromethane (Surr)	*109*		*41 - 138*	*10/04/24 13:25*	*10/04/24 15:45*	*1*
4-Bromofluorobenzene (Surr)	*91*		*41 - 143*	*10/04/24 13:25*	*10/04/24 15:45*	*1*
1,2-Dichloroethane-d4 (Surr)	*119*		*58 - 125*	*10/04/24 13:25*	*10/04/24 15:45*	*1*

Method: SW846 8270E - Semivolatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1'-Biphenyl	ND		140	40	ug/Kg	☼	10/04/24 08:53	10/07/24 17:44	1
bis (2-chloroisopropyl) ether	ND		140	37	ug/Kg	☼	10/04/24 08:53	10/07/24 17:44	1
2,4,5-Trichlorophenol	ND		220	47	ug/Kg	☼	10/04/24 08:53	10/07/24 17:44	1
2,4,6-Trichlorophenol	ND		220	42	ug/Kg	☼	10/04/24 08:53	10/07/24 17:44	1
2,4-Dichlorophenol	ND		220	39	ug/Kg	☼	10/04/24 08:53	10/07/24 17:44	1
2,4-Dimethylphenol	ND		220	52	ug/Kg	☼	10/04/24 08:53	10/07/24 17:44	1
2,4-Dinitrophenol	ND		470	250	ug/Kg	☼	10/04/24 08:53	10/07/24 17:44	1
2,4-Dinitrotoluene	ND		290	33	ug/Kg	☼	10/04/24 08:53	10/07/24 17:44	1
2,6-Dinitrotoluene	ND		290	52	ug/Kg	☼	10/04/24 08:53	10/07/24 17:44	1
2-Chloronaphthalene	ND		140	40	ug/Kg	☼	10/04/24 08:53	10/07/24 17:44	1
2-Chlorophenol	ND		140	37	ug/Kg	☼	10/04/24 08:53	10/07/24 17:44	1
2-Methylnaphthalene	**83**		57	19	ug/Kg	☼	10/04/24 08:53	10/07/24 17:44	1
2-Methylphenol	ND		290	59	ug/Kg	☼	10/04/24 08:53	10/07/24 17:44	1
2-Nitroaniline	ND		290	54	ug/Kg	☼	10/04/24 08:53	10/07/24 17:44	1
2-Nitrophenol	ND		140	50	ug/Kg	☼	10/04/24 08:53	10/07/24 17:44	1
3,3'-Dichlorobenzidine	ND		220	140	ug/Kg	☼	10/04/24 08:53	10/07/24 17:44	1
3-Nitroaniline	ND		290	50	ug/Kg	☼	10/04/24 08:53	10/07/24 17:44	1
4,6-Dinitro-2-methylphenol	ND		470	150	ug/Kg	☼	10/04/24 08:53	10/07/24 17:44	1
4-Bromophenyl phenyl ether	ND		140	46	ug/Kg	☼	10/04/24 08:53	10/07/24 17:44	1
4-Chloro-3-methylphenol	ND		220	54	ug/Kg	☼	10/04/24 08:53	10/07/24 17:44	1
4-Chloroaniline	ND		220	23	ug/Kg	☼	10/04/24 08:53	10/07/24 17:44	1
4-Chlorophenyl phenyl ether	ND		140	40	ug/Kg	☼	10/04/24 08:53	10/07/24 17:44	1
4-Nitroaniline	ND		290	37	ug/Kg	☼	10/04/24 08:53	10/07/24 17:44	1
4-Nitrophenol	ND		470	130	ug/Kg	☼	10/04/24 08:53	10/07/24 17:44	1
Acenaphthene	**34**	**J**	57	20	ug/Kg	☼	10/04/24 08:53	10/07/24 17:44	1
Acenaphthylene	ND		57	22	ug/Kg	☼	10/04/24 08:53	10/07/24 17:44	1
Acetophenone	ND		140	36	ug/Kg	☼	10/04/24 08:53	10/07/24 17:44	1
Anthracene	**120**		57	17	ug/Kg	☼	10/04/24 08:53	10/07/24 17:44	1
Atrazine	ND		470	99	ug/Kg	☼	10/04/24 08:53	10/07/24 17:44	1
Benzaldehyde	ND		470	80	ug/Kg	☼	10/04/24 08:53	10/07/24 17:44	1
Benzo[a]anthracene	**660**		57	22	ug/Kg	☼	10/04/24 08:53	10/07/24 17:44	1
Benzo[a]pyrene	**940**		57	20	ug/Kg	☼	10/04/24 08:53	10/07/24 17:44	1
Benzo[b]fluoranthene	**1900**		57	17	ug/Kg	☼	10/04/24 08:53	10/07/24 17:44	1
Benzo[g,h,i]perylene	**610**		57	39	ug/Kg	☼	10/04/24 08:53	10/07/24 17:44	1
Benzo[k]fluoranthene	**650**		57	14	ug/Kg	☼	10/04/24 08:53	10/07/24 17:44	1
Bis(2-chloroethoxy)methane	ND		140	29	ug/Kg	☼	10/04/24 08:53	10/07/24 17:44	1
Bis(2-chloroethyl)ether	ND		140	32	ug/Kg	☼	10/04/24 08:53	10/07/24 17:44	1
Bis(2-ethylhexyl) phthalate	**120**	**J**	220	80	ug/Kg	☼	10/04/24 08:53	10/07/24 17:44	1
Butyl benzyl phthalate	ND		220	73	ug/Kg	☼	10/04/24 08:53	10/07/24 17:44	1
Caprolactam	ND		470	99	ug/Kg	☼	10/04/24 08:53	10/07/24 17:44	1
Carbazole	**120**	**J**	140	39	ug/Kg	☼	10/04/24 08:53	10/07/24 17:44	1
Chrysene	**1100**		57	20	ug/Kg	☼	10/04/24 08:53	10/07/24 17:44	1
Dibenz(a,h)anthracene	**130**		57	22	ug/Kg	☼	10/04/24 08:53	10/07/24 17:44	1

Client Sample ID: T750-W-0.0
Date Collected: 10/03/24 11:10
Date Received: 10/03/24 12:00

Lab Sample ID: 240-212357-13
Matrix: Solid
Percent Solids: 68.3

Method: SW846 8270E - Semivolatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Dibenzofuran	**42**	**J**	140	42	ug/Kg	☼	10/04/24 08:53	10/07/24 17:44	1
Diethyl phthalate	ND		220	62	ug/Kg	☼	10/04/24 08:53	10/07/24 17:44	1
Dimethyl phthalate	ND		220	57	ug/Kg	☼	10/04/24 08:53	10/07/24 17:44	1
Di-n-butyl phthalate	ND		220	73	ug/Kg	☼	10/04/24 08:53	10/07/24 17:44	1
Di-n-octyl phthalate	ND		220	72	ug/Kg	☼	10/04/24 08:53	10/07/24 17:44	1
Fluoranthene	**1700**		57	20	ug/Kg	☼	10/04/24 08:53	10/07/24 17:44	1
Fluorene	**40**	**J**	57	20	ug/Kg	☼	10/04/24 08:53	10/07/24 17:44	1
Hexachlorobenzene	ND		57	20	ug/Kg	☼	10/04/24 08:53	10/07/24 17:44	1
Hexachlorobutadiene	ND		140	30	ug/Kg	☼	10/04/24 08:53	10/07/24 17:44	1
Hexachlorocyclopentadiene	ND		470	56	ug/Kg	☼	10/04/24 08:53	10/07/24 17:44	1
Hexachloroethane	ND		140	46	ug/Kg	☼	10/04/24 08:53	10/07/24 17:44	1
Indeno[1,2,3-cd]pyrene	**550**		57	17	ug/Kg	☼	10/04/24 08:53	10/07/24 17:44	1
Isophorone	ND		140	37	ug/Kg	☼	10/04/24 08:53	10/07/24 17:44	1
N-Nitrosodi-n-propylamine	ND		140	53	ug/Kg	☼	10/04/24 08:53	10/07/24 17:44	1
N-Nitrosodiphenylamine	ND		140	39	ug/Kg	☼	10/04/24 08:53	10/07/24 17:44	1
Naphthalene	**65**		57	19	ug/Kg	☼	10/04/24 08:53	10/07/24 17:44	1
Nitrobenzene	ND		140	32	ug/Kg	☼	10/04/24 08:53	10/07/24 17:44	1
Pentachlorophenol	ND		390	150	ug/Kg	☼	10/04/24 08:53	10/07/24 17:44	1
Phenanthrene	**610**		57	19	ug/Kg	☼	10/04/24 08:53	10/07/24 17:44	1
Phenol	ND		140	54	ug/Kg	☼	10/04/24 08:53	10/07/24 17:44	1
Pyrene	**1400**		57	23	ug/Kg	☼	10/04/24 08:53	10/07/24 17:44	1
3 & 4 Methylphenol	ND		570	59	ug/Kg	☼	10/04/24 08:53	10/07/24 17:44	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Terphenyl-d14 (Surr)	*80*		*37 - 120*	*10/04/24 08:53*	*10/07/24 17:44*	*1*
Phenol-d5 (Surr)	*88*		*29 - 120*	*10/04/24 08:53*	*10/07/24 17:44*	*1*
Nitrobenzene-d5 (Surr)	*72*		*28 - 120*	*10/04/24 08:53*	*10/07/24 17:44*	*1*
2-Fluorophenol (Surr)	*83*		*26 - 120*	*10/04/24 08:53*	*10/07/24 17:44*	*1*
2-Fluorobiphenyl (Surr)	*86*		*36 - 120*	*10/04/24 08:53*	*10/07/24 17:44*	*1*
2,4,6-Tribromophenol (Surr)	*92*		*10 - 120*	*10/04/24 08:53*	*10/07/24 17:44*	*1*

Method: SW846 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aroclor-1016	ND		74	37	ug/Kg	☼	10/04/24 08:58	10/04/24 20:54	1
Aroclor-1221	ND		74	44	ug/Kg	☼	10/04/24 08:58	10/04/24 20:54	1
Aroclor-1232	ND		74	31	ug/Kg	☼	10/04/24 08:58	10/04/24 20:54	1
Aroclor-1242	ND		74	28	ug/Kg	☼	10/04/24 08:58	10/04/24 20:54	1
Aroclor-1248	ND		74	25	ug/Kg	☼	10/04/24 08:58	10/04/24 20:54	1
Aroclor-1254	ND		74	31	ug/Kg	☼	10/04/24 08:58	10/04/24 20:54	1
Aroclor-1260	ND		74	31	ug/Kg	☼	10/04/24 08:58	10/04/24 20:54	1
Aroclor-1262	ND		74	33	ug/Kg	☼	10/04/24 08:58	10/04/24 20:54	1
Aroclor-1268	ND		74	24	ug/Kg	☼	10/04/24 08:58	10/04/24 20:54	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Tetrachloro-m-xylene	*77*		*10 - 149*	*10/04/24 08:58*	*10/04/24 20:54*	*1*
DCB Decachlorobiphenyl	*77*		*10 - 174*	*10/04/24 08:58*	*10/04/24 20:54*	*1*

Method: SW846 6010D - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	**12**		2.1	0.43	mg/Kg	☼	10/04/24 15:00	10/06/24 00:07	1

Client: August Mack Environmental, Inc.
Project/Site: MSC Canfield - Soil

Job ID: 240-212357-1

Client Sample ID: T750-W-0.0
Date Collected: 10/03/24 11:10
Date Received: 10/03/24 12:00

Lab Sample ID: 240-212357-13
Matrix: Solid
Percent Solids: 68.3

Method: SW846 6010D - Metals (ICP) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Barium	85		27	0.17	mg/Kg	☼	10/04/24 15:00	10/06/24 00:07	1
Cadmium	0.54	J	0.68	0.066	mg/Kg	☼	10/04/24 15:00	10/06/24 00:07	1
Chromium	24		1.4	0.47	mg/Kg	☼	10/04/24 15:00	10/06/24 00:07	1
Copper	24		3.4	0.96	mg/Kg	☼	10/04/24 15:00	10/06/24 00:07	1
Lead	37		1.4	0.39	mg/Kg	☼	10/04/24 15:00	10/06/24 00:07	1
Selenium	1.1	J	2.7	0.64	mg/Kg	☼	10/04/24 15:00	10/06/24 00:07	1
Silver	0.12	J	1.4	0.11	mg/Kg	☼	10/04/24 15:00	10/06/24 00:07	1
Zinc	1200		6.8	5.0	mg/Kg	☼	10/04/24 15:00	10/06/24 00:07	1

Method: SW846 7471B - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.059	J	0.16	0.029	mg/Kg	☼	10/04/24 15:00	10/07/24 11:33	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cyanide, Total (SW846 9012B)	39		3.3	2.6	mg/Kg	☼	10/04/24 09:32	10/04/24 11:46	5

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Solids (EPA Moisture)	68.3		0.1	0.1	%			10/03/24 19:07	1
Percent Moisture (EPA Moisture)	31.7		0.1	0.1	%			10/03/24 19:07	1

Client: August Mack Environmental, Inc.
Project/Site: MSC Canfield - Soil

Job ID: 240-212357-1

Client Sample ID: T625-E-0.0
Date Collected: 10/03/24 10:40
Date Received: 10/03/24 12:00

Lab Sample ID: 240-212357-14
Matrix: Solid
Percent Solids: 71.4

Method: SW846 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		6.7	2.4	ug/Kg	☼	10/04/24 11:04	10/04/24 20:54	1
1,1,2,2-Tetrachloroethane	ND		6.7	1.9	ug/Kg	☼	10/04/24 11:04	10/04/24 20:54	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		6.7	1.7	ug/Kg	☼	10/04/24 11:04	10/04/24 20:54	1
1,1,2-Trichloroethane	ND		6.7	1.5	ug/Kg	☼	10/04/24 11:04	10/04/24 20:54	1
1,1-Dichloroethane	ND		6.7	1.9	ug/Kg	☼	10/04/24 11:04	10/04/24 20:54	1
1,1-Dichloroethene	ND		6.7	2.5	ug/Kg	☼	10/04/24 11:04	10/04/24 20:54	1
1,2,4-Trichlorobenzene	ND		6.7	3.4	ug/Kg	☼	10/04/24 11:04	10/04/24 20:54	1
1,2-Dibromo-3-Chloropropane	ND		13	4.9	ug/Kg	☼	10/04/24 11:04	10/04/24 20:54	1
Ethylene Dibromide	ND		6.7	1.0	ug/Kg	☼	10/04/24 11:04	10/04/24 20:54	1
1,2-Dichlorobenzene	ND		6.7	1.5	ug/Kg	☼	10/04/24 11:04	10/04/24 20:54	1
1,2-Dichloroethane	ND		6.7	2.4	ug/Kg	☼	10/04/24 11:04	10/04/24 20:54	1
1,2-Dichloropropane	ND		6.7	1.1	ug/Kg	☼	10/04/24 11:04	10/04/24 20:54	1
1,3-Dichlorobenzene	ND		6.7	2.2	ug/Kg	☼	10/04/24 11:04	10/04/24 20:54	1
1,4-Dichlorobenzene	ND		6.7	1.2	ug/Kg	☼	10/04/24 11:04	10/04/24 20:54	1
2-Butanone (MEK)	ND		27	4.8	ug/Kg	☼	10/04/24 11:04	10/04/24 20:54	1
2-Hexanone	ND		27	5.5	ug/Kg	☼	10/04/24 11:04	10/04/24 20:54	1
4-Methyl-2-pentanone (MIBK)	ND		27	5.0	ug/Kg	☼	10/04/24 11:04	10/04/24 20:54	1
Acetone	ND		34	28	ug/Kg	☼	10/04/24 11:04	10/04/24 20:54	1
Benzene	ND		6.7	0.94	ug/Kg	☼	10/04/24 11:04	10/04/24 20:54	1
Dichlorobromomethane	ND		6.7	2.0	ug/Kg	☼	10/04/24 11:04	10/04/24 20:54	1
Bromoform	ND		6.7	3.2	ug/Kg	☼	10/04/24 11:04	10/04/24 20:54	1
Bromomethane	ND		6.7	5.6	ug/Kg	☼	10/04/24 11:04	10/04/24 20:54	1
Carbon disulfide	ND		6.7	1.6	ug/Kg	☼	10/04/24 11:04	10/04/24 20:54	1
Carbon tetrachloride	ND		6.7	4.4	ug/Kg	☼	10/04/24 11:04	10/04/24 20:54	1
Chlorobenzene	ND		6.7	1.2	ug/Kg	☼	10/04/24 11:04	10/04/24 20:54	1
Chloroethane	ND		6.7	3.7	ug/Kg	☼	10/04/24 11:04	10/04/24 20:54	1
Chloroform	ND		6.7	1.1	ug/Kg	☼	10/04/24 11:04	10/04/24 20:54	1
Chloromethane	ND		6.7	3.1	ug/Kg	☼	10/04/24 11:04	10/04/24 20:54	1
cis-1,2-Dichloroethene	ND		6.7	2.0	ug/Kg	☼	10/04/24 11:04	10/04/24 20:54	1
cis-1,3-Dichloropropene	ND		6.7	3.9	ug/Kg	☼	10/04/24 11:04	10/04/24 20:54	1
Cyclohexane	ND		13	1.9	ug/Kg	☼	10/04/24 11:04	10/04/24 20:54	1
Chlorodibromomethane	ND		6.7	3.8	ug/Kg	☼	10/04/24 11:04	10/04/24 20:54	1
Dichlorodifluoromethane	ND		6.7	3.1	ug/Kg	☼	10/04/24 11:04	10/04/24 20:54	1
Ethylbenzene	ND		6.7	1.4	ug/Kg	☼	10/04/24 11:04	10/04/24 20:54	1
Isopropylbenzene	ND		6.7	2.6	ug/Kg	☼	10/04/24 11:04	10/04/24 20:54	1
Methyl acetate	ND	F1	34	4.6	ug/Kg	☼	10/04/24 11:04	10/04/24 20:54	1
Methyl tert-butyl ether	ND		6.7	2.7	ug/Kg	☼	10/04/24 11:04	10/04/24 20:54	1
Methylcyclohexane	ND		13	1.7	ug/Kg	☼	10/04/24 11:04	10/04/24 20:54	1
Methylene Chloride	ND		34	16	ug/Kg	☼	10/04/24 11:04	10/04/24 20:54	1
Styrene	ND		6.7	1.6	ug/Kg	☼	10/04/24 11:04	10/04/24 20:54	1
Tetrachloroethene	ND		6.7	5.2	ug/Kg	☼	10/04/24 11:04	10/04/24 20:54	1
Toluene	ND		6.7	1.0	ug/Kg	☼	10/04/24 11:04	10/04/24 20:54	1
trans-1,2-Dichloroethene	ND		6.7	1.9	ug/Kg	☼	10/04/24 11:04	10/04/24 20:54	1
trans-1,3-Dichloropropene	ND		6.7	5.0	ug/Kg	☼	10/04/24 11:04	10/04/24 20:54	1
Trichloroethene	ND		6.7	1.9	ug/Kg	☼	10/04/24 11:04	10/04/24 20:54	1
Trichlorofluoromethane	ND		6.7	3.6	ug/Kg	☼	10/04/24 11:04	10/04/24 20:54	1
Vinyl chloride	ND		6.7	2.4	ug/Kg	☼	10/04/24 11:04	10/04/24 20:54	1
Xylenes, Total	ND		13	2.1	ug/Kg	☼	10/04/24 11:04	10/04/24 20:54	1

Client: August Mack Environmental, Inc.
Project/Site: MSC Canfield - Soil

Job ID: 240-212357-1

Client Sample ID: T625-E-0.0
Date Collected: 10/03/24 10:40
Date Received: 10/03/24 12:00

Lab Sample ID: 240-212357-14
Matrix: Solid
Percent Solids: 71.4

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Toluene-d8 (Surr)	*97*		*56 - 125*	*10/04/24 11:04*	*10/04/24 20:54*	*1*
Dibromofluoromethane (Surr)	*89*		*41 - 138*	*10/04/24 11:04*	*10/04/24 20:54*	*1*
4-Bromofluorobenzene (Surr)	*87*		*41 - 143*	*10/04/24 11:04*	*10/04/24 20:54*	*1*
1,2-Dichloroethane-d4 (Surr)	*95*		*58 - 125*	*10/04/24 11:04*	*10/04/24 20:54*	*1*

Method: SW846 8270E - Semivolatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1'-Biphenyl	ND		140	39	ug/Kg	☼	10/04/24 08:53	10/07/24 14:27	1
bis (2-chloroisopropyl) ether	ND		140	36	ug/Kg	☼	10/04/24 08:53	10/07/24 14:27	1
2,4,5-Trichlorophenol	ND		210	46	ug/Kg	☼	10/04/24 08:53	10/07/24 14:27	1
2,4,6-Trichlorophenol	ND		210	40	ug/Kg	☼	10/04/24 08:53	10/07/24 14:27	1
2,4-Dichlorophenol	ND		210	37	ug/Kg	☼	10/04/24 08:53	10/07/24 14:27	1
2,4-Dimethylphenol	ND		210	50	ug/Kg	☼	10/04/24 08:53	10/07/24 14:27	1
2,4-Dinitrophenol	ND		460	240	ug/Kg	☼	10/04/24 08:53	10/07/24 14:27	1
2,4-Dinitrotoluene	ND		280	32	ug/Kg	☼	10/04/24 08:53	10/07/24 14:27	1
2,6-Dinitrotoluene	ND		280	50	ug/Kg	☼	10/04/24 08:53	10/07/24 14:27	1
2-Chloronaphthalene	ND		140	39	ug/Kg	☼	10/04/24 08:53	10/07/24 14:27	1
2-Chlorophenol	ND		140	36	ug/Kg	☼	10/04/24 08:53	10/07/24 14:27	1
2-Methylnaphthalene	**40**	**J**	55	18	ug/Kg	☼	10/04/24 08:53	10/07/24 14:27	1
2-Methylphenol	ND		280	57	ug/Kg	☼	10/04/24 08:53	10/07/24 14:27	1
2-Nitroaniline	ND		280	53	ug/Kg	☼	10/04/24 08:53	10/07/24 14:27	1
2-Nitrophenol	ND		140	48	ug/Kg	☼	10/04/24 08:53	10/07/24 14:27	1
3,3'-Dichlorobenzidine	ND	F1	210	130	ug/Kg	☼	10/04/24 08:53	10/07/24 14:27	1
3-Nitroaniline	ND		280	48	ug/Kg	☼	10/04/24 08:53	10/07/24 14:27	1
4,6-Dinitro-2-methylphenol	ND		460	140	ug/Kg	☼	10/04/24 08:53	10/07/24 14:27	1
4-Bromophenyl phenyl ether	ND		140	44	ug/Kg	☼	10/04/24 08:53	10/07/24 14:27	1
4-Chloro-3-methylphenol	ND		210	53	ug/Kg	☼	10/04/24 08:53	10/07/24 14:27	1
4-Chloroaniline	ND		210	22	ug/Kg	☼	10/04/24 08:53	10/07/24 14:27	1
4-Chlorophenyl phenyl ether	ND		140	39	ug/Kg	☼	10/04/24 08:53	10/07/24 14:27	1
4-Nitroaniline	ND		280	36	ug/Kg	☼	10/04/24 08:53	10/07/24 14:27	1
4-Nitrophenol	ND		460	120	ug/Kg	☼	10/04/24 08:53	10/07/24 14:27	1
Acenaphthene	ND		55	19	ug/Kg	☼	10/04/24 08:53	10/07/24 14:27	1
Acenaphthylene	ND		55	21	ug/Kg	☼	10/04/24 08:53	10/07/24 14:27	1
Acetophenone	ND		140	35	ug/Kg	☼	10/04/24 08:53	10/07/24 14:27	1
Anthracene	**39**	**J**	55	17	ug/Kg	☼	10/04/24 08:53	10/07/24 14:27	1
Atrazine	ND		460	95	ug/Kg	☼	10/04/24 08:53	10/07/24 14:27	1
Benzaldehyde	ND		460	77	ug/Kg	☼	10/04/24 08:53	10/07/24 14:27	1
Benzo[a]anthracene	**210**		55	21	ug/Kg	☼	10/04/24 08:53	10/07/24 14:27	1
Benzo[a]pyrene	**260**		55	19	ug/Kg	☼	10/04/24 08:53	10/07/24 14:27	1
Benzo[b]fluoranthene	**470**		55	17	ug/Kg	☼	10/04/24 08:53	10/07/24 14:27	1
Benzo[g,h,i]perylene	**240**		55	37	ug/Kg	☼	10/04/24 08:53	10/07/24 14:27	1
Benzo[k]fluoranthene	**160**		55	14	ug/Kg	☼	10/04/24 08:53	10/07/24 14:27	1
Bis(2-chloroethoxy)methane	ND		140	28	ug/Kg	☼	10/04/24 08:53	10/07/24 14:27	1
Bis(2-chloroethyl)ether	ND		140	30	ug/Kg	☼	10/04/24 08:53	10/07/24 14:27	1
Bis(2-ethylhexyl) phthalate	ND		210	77	ug/Kg	☼	10/04/24 08:53	10/07/24 14:27	1
Butyl benzyl phthalate	ND		210	71	ug/Kg	☼	10/04/24 08:53	10/07/24 14:27	1
Caprolactam	ND		460	95	ug/Kg	☼	10/04/24 08:53	10/07/24 14:27	1
Carbazole	**55**	**J**	140	37	ug/Kg	☼	10/04/24 08:53	10/07/24 14:27	1
Chrysene	**340**		55	19	ug/Kg	☼	10/04/24 08:53	10/07/24 14:27	1
Dibenz(a,h)anthracene	**55**		55	21	ug/Kg	☼	10/04/24 08:53	10/07/24 14:27	1

Client Sample ID: T625-E-0.0
Lab Sample ID: 240-212357-14
Date Collected: 10/03/24 10:40
Matrix: Solid
Date Received: 10/03/24 12:00
Percent Solids: 71.4

Method: SW846 8270E - Semivolatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Dibenzofuran	ND		140	40	ug/Kg	☼	10/04/24 08:53	10/07/24 14:27	1
Diethyl phthalate	ND		210	60	ug/Kg	☼	10/04/24 08:53	10/07/24 14:27	1
Dimethyl phthalate	ND		210	55	ug/Kg	☼	10/04/24 08:53	10/07/24 14:27	1
Di-n-butyl phthalate	ND		210	71	ug/Kg	☼	10/04/24 08:53	10/07/24 14:27	1
Di-n-octyl phthalate	ND		210	69	ug/Kg	☼	10/04/24 08:53	10/07/24 14:27	1
Fluoranthene	**540**		55	19	ug/Kg	☼	10/04/24 08:53	10/07/24 14:27	1
Fluorene	ND		55	19	ug/Kg	☼	10/04/24 08:53	10/07/24 14:27	1
Hexachlorobenzene	ND		55	19	ug/Kg	☼	10/04/24 08:53	10/07/24 14:27	1
Hexachlorobutadiene	ND		140	29	ug/Kg	☼	10/04/24 08:53	10/07/24 14:27	1
Hexachlorocyclopentadiene	ND	F1	460	54	ug/Kg	☼	10/04/24 08:53	10/07/24 14:27	1
Hexachloroethane	ND		140	44	ug/Kg	☼	10/04/24 08:53	10/07/24 14:27	1
Indeno[1,2,3-cd]pyrene	**190**		55	17	ug/Kg	☼	10/04/24 08:53	10/07/24 14:27	1
Isophorone	ND		140	36	ug/Kg	☼	10/04/24 08:53	10/07/24 14:27	1
N-Nitrosodi-n-propylamine	ND		140	51	ug/Kg	☼	10/04/24 08:53	10/07/24 14:27	1
N-Nitrosodiphenylamine	ND		140	37	ug/Kg	☼	10/04/24 08:53	10/07/24 14:27	1
Naphthalene	**32**	**J**	55	18	ug/Kg	☼	10/04/24 08:53	10/07/24 14:27	1
Nitrobenzene	ND		140	30	ug/Kg	☼	10/04/24 08:53	10/07/24 14:27	1
Pentachlorophenol	ND		370	150	ug/Kg	☼	10/04/24 08:53	10/07/24 14:27	1
Phenanthrene	**200**		55	18	ug/Kg	☼	10/04/24 08:53	10/07/24 14:27	1
Phenol	ND		140	53	ug/Kg	☼	10/04/24 08:53	10/07/24 14:27	1
Pyrene	**440**		55	22	ug/Kg	☼	10/04/24 08:53	10/07/24 14:27	1
3 & 4 Methylphenol	ND		550	57	ug/Kg	☼	10/04/24 08:53	10/07/24 14:27	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Terphenyl-d14 (Surr)	*78*		*37 - 120*	*10/04/24 08:53*	*10/07/24 14:27*	*1*
Phenol-d5 (Surr)	*79*		*29 - 120*	*10/04/24 08:53*	*10/07/24 14:27*	*1*
Nitrobenzene-d5 (Surr)	*73*		*28 - 120*	*10/04/24 08:53*	*10/07/24 14:27*	*1*
2-Fluorophenol (Surr)	*76*		*26 - 120*	*10/04/24 08:53*	*10/07/24 14:27*	*1*
2-Fluorobiphenyl (Surr)	*82*		*36 - 120*	*10/04/24 08:53*	*10/07/24 14:27*	*1*
2,4,6-Tribromophenol (Surr)	*88*		*10 - 120*	*10/04/24 08:53*	*10/07/24 14:27*	*1*

Method: SW846 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aroclor-1016	ND		70	35	ug/Kg	☼	10/04/24 08:58	10/04/24 21:08	1
Aroclor-1221	ND		70	42	ug/Kg	☼	10/04/24 08:58	10/04/24 21:08	1
Aroclor-1232	ND		70	29	ug/Kg	☼	10/04/24 08:58	10/04/24 21:08	1
Aroclor-1242	ND		70	27	ug/Kg	☼	10/04/24 08:58	10/04/24 21:08	1
Aroclor-1248	ND		70	24	ug/Kg	☼	10/04/24 08:58	10/04/24 21:08	1
Aroclor-1254	ND		70	29	ug/Kg	☼	10/04/24 08:58	10/04/24 21:08	1
Aroclor-1260	ND		70	29	ug/Kg	☼	10/04/24 08:58	10/04/24 21:08	1
Aroclor-1262	ND		70	31	ug/Kg	☼	10/04/24 08:58	10/04/24 21:08	1
Aroclor-1268	ND		70	22	ug/Kg	☼	10/04/24 08:58	10/04/24 21:08	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Tetrachloro-m-xylene	*83*		*10 - 149*	*10/04/24 08:58*	*10/04/24 21:08*	*1*
DCB Decachlorobiphenyl	*85*		*10 - 174*	*10/04/24 08:58*	*10/04/24 21:08*	*1*

Method: SW846 6010D - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	**11**		1.4	0.30	mg/Kg	☼	10/04/24 15:00	10/05/24 22:34	1

Client: August Mack Environmental, Inc.
Project/Site: MSC Canfield - Soil

Job ID: 240-212357-1

Client Sample ID: T625-E-0.0
Date Collected: 10/03/24 10:40
Date Received: 10/03/24 12:00

Lab Sample ID: 240-212357-14
Matrix: Solid
Percent Solids: 71.4

Method: SW846 6010D - Metals (ICP) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Barium	60		19	0.12	mg/Kg	☼	10/04/24 15:00	10/05/24 22:34	1
Cadmium	0.41	J	0.48	0.046	mg/Kg	☼	10/04/24 15:00	10/05/24 22:34	1
Chromium	17		0.96	0.33	mg/Kg	☼	10/04/24 15:00	10/05/24 22:34	1
Copper	26		2.4	0.67	mg/Kg	☼	10/04/24 15:00	10/05/24 22:34	1
Lead	26		0.96	0.27	mg/Kg	☼	10/04/24 15:00	10/05/24 22:34	1
Selenium	0.87	J	1.9	0.45	mg/Kg	☼	10/04/24 15:00	10/05/24 22:34	1
Silver	ND		0.96	0.078	mg/Kg	☼	10/04/24 15:00	10/05/24 22:34	1
Zinc	210		4.8	3.5	mg/Kg	☼	10/04/24 15:00	10/05/24 22:34	1

Method: SW846 7471B - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.083	J	0.13	0.023	mg/Kg	☼	10/04/24 15:00	10/07/24 11:04	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cyanide, Total (SW846 9012B)	10		0.70	0.56	mg/Kg	☼	10/04/24 09:32	10/04/24 11:26	1

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Solids (EPA Moisture)	71.4		0.1	0.1	%			10/03/24 19:07	1
Percent Moisture (EPA Moisture)	28.6		0.1	0.1	%			10/03/24 19:07	1

Client: August Mack Environmental, Inc.
Project/Site: MSC Canfield - Soil

Job ID: 240-212357-1

Client Sample ID: DUP-2-20241003
Date Collected: 10/03/24 00:00
Date Received: 10/03/24 12:00

Lab Sample ID: 240-212357-15
Matrix: Solid
Percent Solids: 70.2

Method: SW846 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		6.9	2.4	ug/Kg	☼	10/04/24 13:25	10/04/24 16:03	1
1,1,2,2-Tetrachloroethane	ND		6.9	2.0	ug/Kg	☼	10/04/24 13:25	10/04/24 16:03	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		6.9	1.8	ug/Kg	☼	10/04/24 13:25	10/04/24 16:03	1
1,1,2-Trichloroethane	ND		6.9	1.6	ug/Kg	☼	10/04/24 13:25	10/04/24 16:03	1
1,1-Dichloroethane	ND		6.9	2.0	ug/Kg	☼	10/04/24 13:25	10/04/24 16:03	1
1,1-Dichloroethene	ND		6.9	2.5	ug/Kg	☼	10/04/24 13:25	10/04/24 16:03	1
1,2,4-Trichlorobenzene	ND		6.9	3.5	ug/Kg	☼	10/04/24 13:25	10/04/24 16:03	1
1,2-Dibromo-3-Chloropropane	ND		14	5.0	ug/Kg	☼	10/04/24 13:25	10/04/24 16:03	1
Ethylene Dibromide	ND		6.9	1.1	ug/Kg	☼	10/04/24 13:25	10/04/24 16:03	1
1,2-Dichlorobenzene	ND		6.9	1.5	ug/Kg	☼	10/04/24 13:25	10/04/24 16:03	1
1,2-Dichloroethane	ND		6.9	2.5	ug/Kg	☼	10/04/24 13:25	10/04/24 16:03	1
1,2-Dichloropropane	ND		6.9	1.2	ug/Kg	☼	10/04/24 13:25	10/04/24 16:03	1
1,3-Dichlorobenzene	ND		6.9	2.3	ug/Kg	☼	10/04/24 13:25	10/04/24 16:03	1
1,4-Dichlorobenzene	ND		6.9	1.2	ug/Kg	☼	10/04/24 13:25	10/04/24 16:03	1
2-Butanone (MEK)	ND	F2	28	4.9	ug/Kg	☼	10/04/24 13:25	10/04/24 16:03	1
2-Hexanone	ND		28	5.6	ug/Kg	☼	10/04/24 13:25	10/04/24 16:03	1
4-Methyl-2-pentanone (MIBK)	ND		28	5.1	ug/Kg	☼	10/04/24 13:25	10/04/24 16:03	1
Acetone	ND	F1	35	29	ug/Kg	☼	10/04/24 13:25	10/04/24 16:03	1
Benzene	ND		6.9	0.96	ug/Kg	☼	10/04/24 13:25	10/04/24 16:03	1
Dichlorobromomethane	ND		6.9	2.1	ug/Kg	☼	10/04/24 13:25	10/04/24 16:03	1
Bromoform	ND		6.9	3.3	ug/Kg	☼	10/04/24 13:25	10/04/24 16:03	1
Bromomethane	ND		6.9	5.7	ug/Kg	☼	10/04/24 13:25	10/04/24 16:03	1
Carbon disulfide	ND		6.9	1.6	ug/Kg	☼	10/04/24 13:25	10/04/24 16:03	1
Carbon tetrachloride	ND		6.9	4.5	ug/Kg	☼	10/04/24 13:25	10/04/24 16:03	1
Chlorobenzene	ND		6.9	1.3	ug/Kg	☼	10/04/24 13:25	10/04/24 16:03	1
Chloroethane	ND		6.9	3.8	ug/Kg	☼	10/04/24 13:25	10/04/24 16:03	1
Chloroform	ND		6.9	1.1	ug/Kg	☼	10/04/24 13:25	10/04/24 16:03	1
Chloromethane	ND		6.9	3.1	ug/Kg	☼	10/04/24 13:25	10/04/24 16:03	1
cis-1,2-Dichloroethene	ND		6.9	2.0	ug/Kg	☼	10/04/24 13:25	10/04/24 16:03	1
cis-1,3-Dichloropropene	ND		6.9	4.0	ug/Kg	☼	10/04/24 13:25	10/04/24 16:03	1
Cyclohexane	ND		14	1.9	ug/Kg	☼	10/04/24 13:25	10/04/24 16:03	1
Chlorodibromomethane	ND		6.9	3.8	ug/Kg	☼	10/04/24 13:25	10/04/24 16:03	1
Dichlorodifluoromethane	ND		6.9	3.1	ug/Kg	☼	10/04/24 13:25	10/04/24 16:03	1
Ethylbenzene	ND		6.9	1.4	ug/Kg	☼	10/04/24 13:25	10/04/24 16:03	1
Isopropylbenzene	ND		6.9	2.7	ug/Kg	☼	10/04/24 13:25	10/04/24 16:03	1
Methyl acetate	ND		35	4.7	ug/Kg	☼	10/04/24 13:25	10/04/24 16:03	1
Methyl tert-butyl ether	ND		6.9	2.7	ug/Kg	☼	10/04/24 13:25	10/04/24 16:03	1
Methylcyclohexane	ND		14	1.7	ug/Kg	☼	10/04/24 13:25	10/04/24 16:03	1
Methylene Chloride	ND		35	17	ug/Kg	☼	10/04/24 13:25	10/04/24 16:03	1
Styrene	ND		6.9	1.6	ug/Kg	☼	10/04/24 13:25	10/04/24 16:03	1
Tetrachloroethene	ND		6.9	5.4	ug/Kg	☼	10/04/24 13:25	10/04/24 16:03	1
Toluene	ND		6.9	1.1	ug/Kg	☼	10/04/24 13:25	10/04/24 16:03	1
trans-1,2-Dichloroethene	ND		6.9	2.0	ug/Kg	☼	10/04/24 13:25	10/04/24 16:03	1
trans-1,3-Dichloropropene	ND		6.9	5.1	ug/Kg	☼	10/04/24 13:25	10/04/24 16:03	1
Trichloroethene	ND		6.9	2.0	ug/Kg	☼	10/04/24 13:25	10/04/24 16:03	1
Trichlorofluoromethane	ND		6.9	3.7	ug/Kg	☼	10/04/24 13:25	10/04/24 16:03	1
Vinyl chloride	ND		6.9	2.4	ug/Kg	☼	10/04/24 13:25	10/04/24 16:03	1
Xylenes, Total	ND		14	2.2	ug/Kg	☼	10/04/24 13:25	10/04/24 16:03	1

Client: August Mack Environmental, Inc.
Project/Site: MSC Canfield - Soil

Job ID: 240-212357-1

Client Sample ID: DUP-2-20241003
Date Collected: 10/03/24 00:00
Date Received: 10/03/24 12:00

Lab Sample ID: 240-212357-15
Matrix: Solid
Percent Solids: 70.2

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Toluene-d8 (Surr)	*99*		*56 - 125*	*10/04/24 13:25*	*10/04/24 16:03*	*1*
Dibromofluoromethane (Surr)	*109*		*41 - 138*	*10/04/24 13:25*	*10/04/24 16:03*	*1*
4-Bromofluorobenzene (Surr)	*88*		*41 - 143*	*10/04/24 13:25*	*10/04/24 16:03*	*1*
1,2-Dichloroethane-d4 (Surr)	*117*		*58 - 125*	*10/04/24 13:25*	*10/04/24 16:03*	*1*

Method: SW846 8270E - Semivolatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1'-Biphenyl	ND		140	40	ug/Kg	☼	10/04/24 08:53	10/07/24 16:55	1
bis (2-chloroisopropyl) ether	ND		140	37	ug/Kg	☼	10/04/24 08:53	10/07/24 16:55	1
2,4,5-Trichlorophenol	ND		210	47	ug/Kg	☼	10/04/24 08:53	10/07/24 16:55	1
2,4,6-Trichlorophenol	ND		210	41	ug/Kg	☼	10/04/24 08:53	10/07/24 16:55	1
2,4-Dichlorophenol	ND		210	39	ug/Kg	☼	10/04/24 08:53	10/07/24 16:55	1
2,4-Dimethylphenol	ND		210	51	ug/Kg	☼	10/04/24 08:53	10/07/24 16:55	1
2,4-Dinitrophenol	ND		470	240	ug/Kg	☼	10/04/24 08:53	10/07/24 16:55	1
2,4-Dinitrotoluene	ND		290	33	ug/Kg	☼	10/04/24 08:53	10/07/24 16:55	1
2,6-Dinitrotoluene	ND		290	51	ug/Kg	☼	10/04/24 08:53	10/07/24 16:55	1
2-Chloronaphthalene	ND		140	40	ug/Kg	☼	10/04/24 08:53	10/07/24 16:55	1
2-Chlorophenol	ND		140	37	ug/Kg	☼	10/04/24 08:53	10/07/24 16:55	1
2-Methylnaphthalene	**96**		57	19	ug/Kg	☼	10/04/24 08:53	10/07/24 16:55	1
2-Methylphenol	ND		290	59	ug/Kg	☼	10/04/24 08:53	10/07/24 16:55	1
2-Nitroaniline	ND		290	54	ug/Kg	☼	10/04/24 08:53	10/07/24 16:55	1
2-Nitrophenol	ND		140	50	ug/Kg	☼	10/04/24 08:53	10/07/24 16:55	1
3,3'-Dichlorobenzidine	ND		210	140	ug/Kg	☼	10/04/24 08:53	10/07/24 16:55	1
3-Nitroaniline	ND		290	50	ug/Kg	☼	10/04/24 08:53	10/07/24 16:55	1
4,6-Dinitro-2-methylphenol	ND		470	150	ug/Kg	☼	10/04/24 08:53	10/07/24 16:55	1
4-Bromophenyl phenyl ether	ND		140	46	ug/Kg	☼	10/04/24 08:53	10/07/24 16:55	1
4-Chloro-3-methylphenol	ND		210	54	ug/Kg	☼	10/04/24 08:53	10/07/24 16:55	1
4-Chloroaniline	ND		210	23	ug/Kg	☼	10/04/24 08:53	10/07/24 16:55	1
4-Chlorophenyl phenyl ether	ND		140	40	ug/Kg	☼	10/04/24 08:53	10/07/24 16:55	1
4-Nitroaniline	ND		290	37	ug/Kg	☼	10/04/24 08:53	10/07/24 16:55	1
4-Nitrophenol	ND		470	130	ug/Kg	☼	10/04/24 08:53	10/07/24 16:55	1
Acenaphthene	**37**	**J**	57	20	ug/Kg	☼	10/04/24 08:53	10/07/24 16:55	1
Acenaphthylene	**55**	**J**	57	21	ug/Kg	☼	10/04/24 08:53	10/07/24 16:55	1
Acetophenone	ND		140	36	ug/Kg	☼	10/04/24 08:53	10/07/24 16:55	1
Anthracene	**110**		57	17	ug/Kg	☼	10/04/24 08:53	10/07/24 16:55	1
Atrazine	ND		470	99	ug/Kg	☼	10/04/24 08:53	10/07/24 16:55	1
Benzaldehyde	ND		470	80	ug/Kg	☼	10/04/24 08:53	10/07/24 16:55	1
Benzo[a]anthracene	**630**		57	21	ug/Kg	☼	10/04/24 08:53	10/07/24 16:55	1
Benzo[a]pyrene	**920**		57	20	ug/Kg	☼	10/04/24 08:53	10/07/24 16:55	1
Benzo[b]fluoranthene	**1900**		57	17	ug/Kg	☼	10/04/24 08:53	10/07/24 16:55	1
Benzo[g,h,i]perylene	**590**		57	39	ug/Kg	☼	10/04/24 08:53	10/07/24 16:55	1
Benzo[k]fluoranthene	**490**		57	14	ug/Kg	☼	10/04/24 08:53	10/07/24 16:55	1
Bis(2-chloroethoxy)methane	ND		140	29	ug/Kg	☼	10/04/24 08:53	10/07/24 16:55	1
Bis(2-chloroethyl)ether	ND		140	31	ug/Kg	☼	10/04/24 08:53	10/07/24 16:55	1
Bis(2-ethylhexyl) phthalate	**130**	**J**	210	80	ug/Kg	☼	10/04/24 08:53	10/07/24 16:55	1
Butyl benzyl phthalate	ND		210	73	ug/Kg	☼	10/04/24 08:53	10/07/24 16:55	1
Caprolactam	ND		470	99	ug/Kg	☼	10/04/24 08:53	10/07/24 16:55	1
Carbazole	**120**	**J**	140	39	ug/Kg	☼	10/04/24 08:53	10/07/24 16:55	1
Chrysene	**1000**		57	20	ug/Kg	☼	10/04/24 08:53	10/07/24 16:55	1
Dibenz(a,h)anthracene	**130**		57	21	ug/Kg	☼	10/04/24 08:53	10/07/24 16:55	1

Client: August Mack Environmental, Inc.
Project/Site: MSC Canfield - Soil

Job ID: 240-212357-1

Client Sample ID: DUP-2-20241003
Date Collected: 10/03/24 00:00
Date Received: 10/03/24 12:00

Lab Sample ID: 240-212357-15
Matrix: Solid
Percent Solids: 70.2

Method: SW846 8270E - Semivolatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Dibenzofuran	**46**	**J**	140	41	ug/Kg	☼	10/04/24 08:53	10/07/24 16:55	1
Diethyl phthalate	ND		210	62	ug/Kg	☼	10/04/24 08:53	10/07/24 16:55	1
Dimethyl phthalate	ND		210	57	ug/Kg	☼	10/04/24 08:53	10/07/24 16:55	1
Di-n-butyl phthalate	ND		210	73	ug/Kg	☼	10/04/24 08:53	10/07/24 16:55	1
Di-n-octyl phthalate	ND		210	72	ug/Kg	☼	10/04/24 08:53	10/07/24 16:55	1
Fluoranthene	**1600**		57	20	ug/Kg	☼	10/04/24 08:53	10/07/24 16:55	1
Fluorene	**34**	**J**	57	20	ug/Kg	☼	10/04/24 08:53	10/07/24 16:55	1
Hexachlorobenzene	ND		57	20	ug/Kg	☼	10/04/24 08:53	10/07/24 16:55	1
Hexachlorobutadiene	ND		140	30	ug/Kg	☼	10/04/24 08:53	10/07/24 16:55	1
Hexachlorocyclopentadiene	ND		470	56	ug/Kg	☼	10/04/24 08:53	10/07/24 16:55	1
Hexachloroethane	ND		140	46	ug/Kg	☼	10/04/24 08:53	10/07/24 16:55	1
Indeno[1,2,3-cd]pyrene	**500**		57	17	ug/Kg	☼	10/04/24 08:53	10/07/24 16:55	1
Isophorone	ND		140	37	ug/Kg	☼	10/04/24 08:53	10/07/24 16:55	1
N-Nitrosodi-n-propylamine	ND		140	53	ug/Kg	☼	10/04/24 08:53	10/07/24 16:55	1
N-Nitrosodiphenylamine	ND		140	39	ug/Kg	☼	10/04/24 08:53	10/07/24 16:55	1
Naphthalene	**72**		57	19	ug/Kg	☼	10/04/24 08:53	10/07/24 16:55	1
Nitrobenzene	ND		140	31	ug/Kg	☼	10/04/24 08:53	10/07/24 16:55	1
Pentachlorophenol	ND		390	150	ug/Kg	☼	10/04/24 08:53	10/07/24 16:55	1
Phenanthrene	**580**		57	19	ug/Kg	☼	10/04/24 08:53	10/07/24 16:55	1
Phenol	ND		140	54	ug/Kg	☼	10/04/24 08:53	10/07/24 16:55	1
Pyrene	**1300**		57	23	ug/Kg	☼	10/04/24 08:53	10/07/24 16:55	1
3 & 4 Methylphenol	ND		570	59	ug/Kg	☼	10/04/24 08:53	10/07/24 16:55	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Terphenyl-d14 (Surr)	*77*		*37 - 120*	*10/04/24 08:53*	*10/07/24 16:55*	*1*
Phenol-d5 (Surr)	*80*		*29 - 120*	*10/04/24 08:53*	*10/07/24 16:55*	*1*
Nitrobenzene-d5 (Surr)	*74*		*28 - 120*	*10/04/24 08:53*	*10/07/24 16:55*	*1*
2-Fluorophenol (Surr)	*75*		*26 - 120*	*10/04/24 08:53*	*10/07/24 16:55*	*1*
2-Fluorobiphenyl (Surr)	*85*		*36 - 120*	*10/04/24 08:53*	*10/07/24 16:55*	*1*
2,4,6-Tribromophenol (Surr)	*88*		*10 - 120*	*10/04/24 08:53*	*10/07/24 16:55*	*1*

Method: SW846 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aroclor-1016	ND		70	35	ug/Kg	☼	10/04/24 08:58	10/04/24 21:49	1
Aroclor-1221	ND		70	42	ug/Kg	☼	10/04/24 08:58	10/04/24 21:49	1
Aroclor-1232	ND		70	30	ug/Kg	☼	10/04/24 08:58	10/04/24 21:49	1
Aroclor-1242	ND		70	27	ug/Kg	☼	10/04/24 08:58	10/04/24 21:49	1
Aroclor-1248	ND		70	24	ug/Kg	☼	10/04/24 08:58	10/04/24 21:49	1
Aroclor-1254	ND		70	30	ug/Kg	☼	10/04/24 08:58	10/04/24 21:49	1
Aroclor-1260	ND		70	30	ug/Kg	☼	10/04/24 08:58	10/04/24 21:49	1
Aroclor-1262	ND		70	31	ug/Kg	☼	10/04/24 08:58	10/04/24 21:49	1
Aroclor-1268	ND		70	23	ug/Kg	☼	10/04/24 08:58	10/04/24 21:49	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Tetrachloro-m-xylene	*75*		*10 - 149*	*10/04/24 08:58*	*10/04/24 21:49*	*1*
DCB Decachlorobiphenyl	*73*		*10 - 174*	*10/04/24 08:58*	*10/04/24 21:49*	*1*

Method: SW846 6010D - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	**12**		2.0	0.41	mg/Kg	☼	10/04/24 15:00	10/06/24 00:12	1

Client: August Mack Environmental, Inc.
Project/Site: MSC Canfield - Soil

Job ID: 240-212357-1

Client Sample ID: DUP-2-20241003
Date Collected: 10/03/24 00:00
Date Received: 10/03/24 12:00

Lab Sample ID: 240-212357-15
Matrix: Solid
Percent Solids: 70.2

Method: SW846 6010D - Metals (ICP) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Barium	86		26	0.16	mg/Kg	☼	10/04/24 15:00	10/06/24 00:12	1
Cadmium	0.48	J	0.65	0.063	mg/Kg	☼	10/04/24 15:00	10/06/24 00:12	1
Chromium	26		1.3	0.45	mg/Kg	☼	10/04/24 15:00	10/06/24 00:12	1
Copper	27		3.3	0.92	mg/Kg	☼	10/04/24 15:00	10/06/24 00:12	1
Lead	37		1.3	0.37	mg/Kg	☼	10/04/24 15:00	10/06/24 00:12	1
Selenium	0.79	J	2.6	0.61	mg/Kg	☼	10/04/24 15:00	10/06/24 00:12	1
Silver	ND		1.3	0.11	mg/Kg	☼	10/04/24 15:00	10/06/24 00:12	1
Zinc	890		6.5	4.7	mg/Kg	☼	10/04/24 15:00	10/06/24 00:12	1

Method: SW846 7471B - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.060	J	0.13	0.023	mg/Kg	☼	10/04/24 15:00	10/07/24 11:35	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cyanide, Total (SW846 9012B)	43		4.0	3.2	mg/Kg	☼	10/04/24 09:32	10/04/24 11:51	5

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Solids (EPA Moisture)	70.2		0.1	0.1	%			10/03/24 19:07	1
Percent Moisture (EPA Moisture)	29.8		0.1	0.1	%			10/03/24 19:07	1

Client: August Mack Environmental, Inc.
Project/Site: MSC Canfield - Soil

Job ID: 240-212357-1

Client Sample ID: TB-2-20241003
Date Collected: 10/03/24 00:00
Date Received: 10/03/24 12:00

Lab Sample ID: 240-212357-16
Matrix: Water

Method: SW846 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		1.0	0.48	ug/L			10/05/24 14:47	1
1,1,2,2-Tetrachloroethane	ND		1.0	0.60	ug/L			10/05/24 14:47	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		1.0	0.41	ug/L			10/05/24 14:47	1
1,1,2-Trichloroethane	ND		1.0	0.48	ug/L			10/05/24 14:47	1
1,1-Dichloroethane	ND		1.0	0.47	ug/L			10/05/24 14:47	1
1,1-Dichloroethene	ND		1.0	0.49	ug/L			10/05/24 14:47	1
1,2,4-Trichlorobenzene	ND		1.0	0.77	ug/L			10/05/24 14:47	1
1,2-Dibromo-3-Chloropropane	ND		2.0	0.91	ug/L			10/05/24 14:47	1
Ethylene Dibromide	ND		1.0	0.41	ug/L			10/05/24 14:47	1
1,2-Dichlorobenzene	ND		1.0	0.48	ug/L			10/05/24 14:47	1
1,2-Dichloroethane	ND		1.0	0.46	ug/L			10/05/24 14:47	1
1,2-Dichloropropane	ND		1.0	0.47	ug/L			10/05/24 14:47	1
1,3-Dichlorobenzene	ND		1.0	0.45	ug/L			10/05/24 14:47	1
1,4-Dichlorobenzene	ND		1.0	0.41	ug/L			10/05/24 14:47	1
2-Butanone (MEK)	ND		10	1.2	ug/L			10/05/24 14:47	1
2-Hexanone	ND		10	1.1	ug/L			10/05/24 14:47	1
4-Methyl-2-pentanone (MIBK)	ND		10	0.99	ug/L			10/05/24 14:47	1
Acetone	ND		10	5.4	ug/L			10/05/24 14:47	1
Benzene	ND		1.0	0.42	ug/L			10/05/24 14:47	1
Dichlorobromomethane	ND		1.0	0.38	ug/L			10/05/24 14:47	1
Bromoform	ND		1.0	0.76	ug/L			10/05/24 14:47	1
Bromomethane	ND		1.0	0.42	ug/L			10/05/24 14:47	1
Carbon disulfide	ND		1.0	0.59	ug/L			10/05/24 14:47	1
Carbon tetrachloride	ND		1.0	0.26	ug/L			10/05/24 14:47	1
Chlorobenzene	ND		1.0	0.38	ug/L			10/05/24 14:47	1
Chloroethane	ND		1.0	0.83	ug/L			10/05/24 14:47	1
Chloroform	ND		1.0	0.47	ug/L			10/05/24 14:47	1
Chloromethane	ND		1.0	0.63	ug/L			10/05/24 14:47	1
cis-1,2-Dichloroethene	ND		1.0	0.46	ug/L			10/05/24 14:47	1
cis-1,3-Dichloropropene	ND		1.0	0.61	ug/L			10/05/24 14:47	1
Cyclohexane	ND		1.0	0.48	ug/L			10/05/24 14:47	1
Chlorodibromomethane	ND		1.0	0.39	ug/L			10/05/24 14:47	1
Dichlorodifluoromethane	ND		1.0	0.35	ug/L			10/05/24 14:47	1
Ethylbenzene	ND		1.0	0.42	ug/L			10/05/24 14:47	1
Isopropylbenzene	ND		1.0	0.49	ug/L			10/05/24 14:47	1
Methyl acetate	ND		10	1.7	ug/L			10/05/24 14:47	1
Methyl tert-butyl ether	ND		1.0	0.47	ug/L			10/05/24 14:47	1
Methylcyclohexane	ND		1.0	0.33	ug/L			10/05/24 14:47	1
Methylene Chloride	ND		5.0	2.6	ug/L			10/05/24 14:47	1
Styrene	ND		1.0	0.45	ug/L			10/05/24 14:47	1
Tetrachloroethene	ND		1.0	0.44	ug/L			10/05/24 14:47	1
Toluene	ND		1.0	0.44	ug/L			10/05/24 14:47	1
trans-1,2-Dichloroethene	ND		1.0	0.51	ug/L			10/05/24 14:47	1
trans-1,3-Dichloropropene	ND		1.0	0.67	ug/L			10/05/24 14:47	1
Trichloroethene	ND		1.0	0.44	ug/L			10/05/24 14:47	1
Trichlorofluoromethane	ND		1.0	0.45	ug/L			10/05/24 14:47	1
Vinyl chloride	ND		1.0	0.45	ug/L			10/05/24 14:47	1
Xylenes, Total	ND		2.0	0.42	ug/L			10/05/24 14:47	1

Client: August Mack Environmental, Inc.
Project/Site: MSC Canfield - Soil

Job ID: 240-212357-1

Client Sample ID: TB-2-20241003
Date Collected: 10/03/24 00:00
Date Received: 10/03/24 12:00

Lab Sample ID: 240-212357-16
Matrix: Water

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
Toluene-d8 (Surr)	97		78 - 122		10/05/24 14:47	1
Dibromofluoromethane (Surr)	106		73 - 120		10/05/24 14:47	1
4-Bromofluorobenzene (Surr)	94		56 - 136		10/05/24 14:47	1
1,2-Dichloroethane-d4 (Surr)	109		62 - 137		10/05/24 14:47	1

Surrogate Summary

Client: August Mack Environmental, Inc.
Project/Site: MSC Canfield - Soil

Job ID: 240-212357-1

Method: 8260D - Volatile Organic Compounds by GC/MS

Matrix: Solid **Prep Type: Total/NA**

		Percent Surrogate Recovery (Acceptance Limits)			
		TOL	DBFM	BFB	DCA
Lab Sample ID	Client Sample ID	(56-125)	(41-138)	(41-143)	(58-125)
240-212357-1	T125-C-0.0	103	89	97	101
240-212357-2	T250-E-0.0	101	87	95	101
240-212357-3	T250-W-0.0	103	96	99	104
240-212357-4	T250-C-0.0	100	90	94	99
240-212357-5	T375-E-0.0	96	87	92	96
240-212357-6	T375-W-0.0	102	96	96	103
240-212357-7	T500-E-0.0	100	88	87	96
240-212357-8	T500-W-0.0	100	85	91	93
240-212357-9	DUP-1-20241003	103	103	88	111
240-212357-10	T625-W-0.0	98	106	94	118
240-212357-11	T625-C-0.0	98	103	92	113
240-212357-12	T750-E-0.0	98	108	96	119
240-212357-13	T750-W-0.0	96	109	91	119
240-212357-14	T625-E-0.0	97	89	87	95
240-212357-14 MS	T625-E-0.0	98	98	98	96
240-212357-14 MSD	T625-E-0.0	99	97	94	95
240-212357-15	DUP-2-20241003	99	109	88	117
240-212357-15 MS	DUP-2-20241003	97	101	99	105
240-212357-15 MSD	DUP-2-20241003	98	104	99	108
LCS 240-629507/5	Lab Control Sample	95	97	97	97
LCS 240-629575/5	Lab Control Sample	100	99	101	100
MB 240-629507/7	Method Blank	98	92	99	100
MB 240-629575/9	Method Blank	96	105	96	111

Surrogate Legend

TOL = Toluene-d8 (Surr)
DBFM = Dibromofluoromethane (Surr)
BFB = 4-Bromofluorobenzene (Surr)
DCA = 1,2-Dichloroethane-d4 (Surr)

Method: 8260D - Volatile Organic Compounds by GC/MS

Matrix: Water **Prep Type: Total/NA**

		Percent Surrogate Recovery (Acceptance Limits)			
		TOL	DBFM	BFB	DCA
Lab Sample ID	Client Sample ID	(78-122)	(73-120)	(56-136)	(62-137)
240-212357-16	TB-2-20241003	97	106	94	109
LCS 240-629629/5	Lab Control Sample	99	93	102	97
MB 240-629629/8	Method Blank	96	103	94	107

Surrogate Legend

TOL = Toluene-d8 (Surr)
DBFM = Dibromofluoromethane (Surr)
BFB = 4-Bromofluorobenzene (Surr)
DCA = 1,2-Dichloroethane-d4 (Surr)

Surrogate Summary

Client: August Mack Environmental, Inc.
Job ID: 240-212357-1
Project/Site: MSC Canfield - Soil

Method: 8270E - Semivolatile Organic Compounds (GC/MS)

Matrix: Solid
Prep Type: Total/NA

		Percent Surrogate Recovery (Acceptance Limits)					
		TPHL	PHL	NBZ	2FP	FBP	TBP
Lab Sample ID	Client Sample ID	(37-120)	(29-120)	(28-120)	(26-120)	(36-120)	(10-120)
240-212357-1	T125-C-0.0	66	73	65	64	77	46
240-212357-2	T250-E-0.0	73	83	71	74	80	53
240-212357-3	T250-W-0.0	72	77	70	73	80	86
240-212357-3 - RA	T250-W-0.0	74	77	72	75	82	87
240-212357-4	T250-C-0.0	75	85	78	78	86	51
240-212357-4 - RA	T250-C-0.0	70	80	74	72	82	51
240-212357-5	T375-E-0.0	75	79	72	76	82	85
240-212357-5 - RA	T375-E-0.0	69	74	65	72	75	81
240-212357-6	T375-W-0.0	78	78	68	72	83	80
240-212357-7	T500-E-0.0	76	83	70	76	81	92
240-212357-8	T500-W-0.0	78	89	73	85	83	90
240-212357-9	DUP-1-20241003	68	81	67	68	79	51
240-212357-10	T625-W-0.0	72	81	74	75	82	76
240-212357-11	T625-C-0.0	79	81	40	77	83	54
240-212357-12	T750-E-0.0	74	80	70	77	78	90
240-212357-13	T750-W-0.0	80	88	72	83	86	92
240-212357-14	T625-E-0.0	78	79	73	76	82	88
240-212357-14 MS	T625-E-0.0	83	86	80	83	88	96
240-212357-14 MSD	T625-E-0.0	76	77	76	79	81	89
240-212357-15	DUP-2-20241003	77	80	74	75	85	88
LCS 240-629512/2-A	Lab Control Sample	71	78	72	76	74	76
MB 240-629512/1-A	Method Blank	84	86	77	86	92	83

Surrogate Legend

TPHL = Terphenyl-d14 (Surr)
PHL = Phenol-d5 (Surr)
NBZ = Nitrobenzene-d5 (Surr)
2FP = 2-Fluorophenol (Surr)
FBP = 2-Fluorobiphenyl (Surr)
TBP = 2,4,6-Tribromophenol (Surr)

Method: 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Matrix: Solid
Prep Type: Total/NA

		Percent Surrogate Recovery (Acceptance Limits)	
		TCX2	DCBP2
Lab Sample ID	Client Sample ID	(10-149)	(10-174)
240-212357-1	T125-C-0.0	68	76
240-212357-2	T250-E-0.0	72	70
240-212357-3	T250-W-0.0	62	58
240-212357-4	T250-C-0.0	56	61
240-212357-5	T375-E-0.0	69	73
240-212357-6	T375-W-0.0	73	71
240-212357-7	T500-E-0.0	76	78
240-212357-8	T500-W-0.0	71	74
240-212357-9	DUP-1-20241003	67	64
240-212357-10	T625-W-0.0	75	72
240-212357-11	T625-C-0.0	74	81
240-212357-12	T750-E-0.0	80	83
240-212357-13	T750-W-0.0	77	77
240-212357-14	T625-E-0.0	83	85

Surrogate Summary

Client: August Mack Environmental, Inc. Job ID: 240-212357-1
Project/Site: MSC Canfield - Soil

Method: 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography (Continued)

Matrix: Solid **Prep Type: Total/NA**

		Percent Surrogate Recovery (Acceptance Limits)									
Lab Sample ID	Client Sample ID	TCX2 (10-149)	DCBP2 (10-174)								
240-212357-14 MS	T625-E-0.0	58	53								
240-212357-14 MSD	T625-E-0.0	75	79								
240-212357-15	DUP-2-20241003	75	73								
LCS 240-629515/2-A	Lab Control Sample	66	84								
MB 240-629515/1-A	Method Blank	80	83								

Surrogate Legend

TCX = Tetrachloro-m-xylene

DCBP = DCB Decachlorobiphenyl

Method: 8260D - Volatile Organic Compounds by GC/MS

Lab Sample ID: MB 240-629507/7
Matrix: Solid
Analysis Batch: 629507

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		5.0	1.8	ug/Kg			10/04/24 11:46	1
1,1,2,2-Tetrachloroethane	ND		5.0	1.4	ug/Kg			10/04/24 11:46	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		5.0	1.3	ug/Kg			10/04/24 11:46	1
1,1,2-Trichloroethane	ND		5.0	1.1	ug/Kg			10/04/24 11:46	1
1,1-Dichloroethane	ND		5.0	1.4	ug/Kg			10/04/24 11:46	1
1,1-Dichloroethene	ND		5.0	1.8	ug/Kg			10/04/24 11:46	1
1,2,4-Trichlorobenzene	ND		5.0	2.5	ug/Kg			10/04/24 11:46	1
1,2-Dibromo-3-Chloropropane	ND		10	3.6	ug/Kg			10/04/24 11:46	1
Ethylene Dibromide	ND		5.0	0.77	ug/Kg			10/04/24 11:46	1
1,2-Dichlorobenzene	ND		5.0	1.1	ug/Kg			10/04/24 11:46	1
1,2-Dichloroethane	ND		5.0	1.8	ug/Kg			10/04/24 11:46	1
1,2-Dichloropropane	ND		5.0	0.85	ug/Kg			10/04/24 11:46	1
1,3-Dichlorobenzene	ND		5.0	1.6	ug/Kg			10/04/24 11:46	1
1,4-Dichlorobenzene	ND		5.0	0.88	ug/Kg			10/04/24 11:46	1
2-Butanone (MEK)	ND		20	3.6	ug/Kg			10/04/24 11:46	1
2-Hexanone	ND		20	4.1	ug/Kg			10/04/24 11:46	1
4-Methyl-2-pentanone (MIBK)	ND		20	3.7	ug/Kg			10/04/24 11:46	1
Acetone	ND		25	21	ug/Kg			10/04/24 11:46	1
Benzene	ND		5.0	0.70	ug/Kg			10/04/24 11:46	1
Dichlorobromomethane	ND		5.0	1.5	ug/Kg			10/04/24 11:46	1
Bromoform	ND		5.0	2.4	ug/Kg			10/04/24 11:46	1
Bromomethane	ND		5.0	4.2	ug/Kg			10/04/24 11:46	1
Carbon disulfide	ND		5.0	1.2	ug/Kg			10/04/24 11:46	1
Carbon tetrachloride	ND		5.0	3.3	ug/Kg			10/04/24 11:46	1
Chlorobenzene	ND		5.0	0.92	ug/Kg			10/04/24 11:46	1
Chloroethane	ND		5.0	2.7	ug/Kg			10/04/24 11:46	1
Chloroform	ND		5.0	0.79	ug/Kg			10/04/24 11:46	1
Chloromethane	ND		5.0	2.3	ug/Kg			10/04/24 11:46	1
cis-1,2-Dichloroethene	ND		5.0	1.5	ug/Kg			10/04/24 11:46	1
cis-1,3-Dichloropropene	ND		5.0	2.9	ug/Kg			10/04/24 11:46	1
Cyclohexane	ND		10	1.4	ug/Kg			10/04/24 11:46	1
Chlorodibromomethane	ND		5.0	2.8	ug/Kg			10/04/24 11:46	1
Dichlorodifluoromethane	ND		5.0	2.3	ug/Kg			10/04/24 11:46	1
Ethylbenzene	ND		5.0	1.0	ug/Kg			10/04/24 11:46	1
Isopropylbenzene	ND		5.0	1.9	ug/Kg			10/04/24 11:46	1
Methyl acetate	ND		25	3.4	ug/Kg			10/04/24 11:46	1
Methyl tert-butyl ether	ND		5.0	2.0	ug/Kg			10/04/24 11:46	1
Methylcyclohexane	ND		10	1.2	ug/Kg			10/04/24 11:46	1
Methylene Chloride	ND		25	12	ug/Kg			10/04/24 11:46	1
Styrene	ND		5.0	1.2	ug/Kg			10/04/24 11:46	1
Tetrachloroethene	ND		5.0	3.9	ug/Kg			10/04/24 11:46	1
Toluene	ND		5.0	0.77	ug/Kg			10/04/24 11:46	1
trans-1,2-Dichloroethene	ND		5.0	1.4	ug/Kg			10/04/24 11:46	1
trans-1,3-Dichloropropene	ND		5.0	3.7	ug/Kg			10/04/24 11:46	1
Trichloroethene	ND		5.0	1.4	ug/Kg			10/04/24 11:46	1
Trichlorofluoromethane	ND		5.0	2.7	ug/Kg			10/04/24 11:46	1
Vinyl chloride	ND		5.0	1.8	ug/Kg			10/04/24 11:46	1
Xylenes, Total	ND		10	1.6	ug/Kg			10/04/24 11:46	1

Method: 8260D - Volatile Organic Compounds by GC/MS (Continued)

Lab Sample ID: MB 240-629507/7
Matrix: Solid
Analysis Batch: 629507

Client Sample ID: Method Blank
Prep Type: Total/NA

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
Toluene-d8 (Surr)	*98*		*56 - 125*		*10/04/24 11:46*	*1*
Dibromofluoromethane (Surr)	*92*		*41 - 138*		*10/04/24 11:46*	*1*
4-Bromofluorobenzene (Surr)	*99*		*41 - 143*		*10/04/24 11:46*	*1*
1,2-Dichloroethane-d4 (Surr)	*100*		*58 - 125*		*10/04/24 11:46*	*1*

Lab Sample ID: LCS 240-629507/5
Matrix: Solid
Analysis Batch: 629507

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
1,1,1-Trichloroethane	50.0	53.5		ug/Kg		107	74 - 136
1,1,2,2-Tetrachloroethane	50.0	46.8		ug/Kg		94	66 - 129
1,1,2-Trichloro-1,2,2-trifluoroethane	50.0	49.8		ug/Kg		100	64 - 148
1,1,2-Trichloroethane	50.0	50.1		ug/Kg		100	79 - 120
1,1-Dichloroethane	50.0	50.3		ug/Kg		101	74 - 121
1,1-Dichloroethene	50.0	51.4		ug/Kg		103	68 - 141
1,2,4-Trichlorobenzene	50.0	52.5		ug/Kg		105	58 - 132
1,2-Dibromo-3-Chloropropane	50.0	48.3		ug/Kg		97	52 - 133
Ethylene Dibromide	50.0	50.1		ug/Kg		100	80 - 121
1,2-Dichlorobenzene	50.0	48.6		ug/Kg		97	73 - 120
1,2-Dichloroethane	50.0	48.5		ug/Kg		97	71 - 123
1,2-Dichloropropane	50.0	47.6		ug/Kg		95	76 - 126
1,3-Dichlorobenzene	50.0	51.0		ug/Kg		102	73 - 120
1,4-Dichlorobenzene	50.0	50.2		ug/Kg		100	74 - 120
2-Butanone (MEK)	100	108		ug/Kg		108	63 - 142
2-Hexanone	100	107		ug/Kg		107	65 - 142
4-Methyl-2-pentanone (MIBK)	100	102		ug/Kg		102	62 - 142
Acetone	100	114		ug/Kg		114	58 - 160
Benzene	50.0	49.2		ug/Kg		98	76 - 121
Dichlorobromomethane	50.0	52.8		ug/Kg		106	71 - 138
Bromoform	50.0	46.3		ug/Kg		93	57 - 140
Bromomethane	50.0	46.3		ug/Kg		93	10 - 171
Carbon disulfide	50.0	50.3		ug/Kg		101	43 - 152
Carbon tetrachloride	50.0	53.5		ug/Kg		107	64 - 144
Chlorobenzene	50.0	50.4		ug/Kg		101	80 - 120
Chloroethane	50.0	52.5		ug/Kg		105	11 - 164
Chloroform	50.0	49.1		ug/Kg		98	78 - 120
Chloromethane	50.0	44.2		ug/Kg		88	41 - 142
cis-1,2-Dichloroethene	50.0	50.0		ug/Kg		100	78 - 124
cis-1,3-Dichloropropene	50.0	49.4		ug/Kg		99	70 - 133
Cyclohexane	50.0	51.4		ug/Kg		103	65 - 137
Chlorodibromomethane	50.0	51.8		ug/Kg		104	68 - 131
Dichlorodifluoromethane	50.0	42.5		ug/Kg		85	21 - 150
Ethylbenzene	50.0	51.0		ug/Kg		102	80 - 120
Isopropylbenzene	50.0	58.4		ug/Kg		117	80 - 130
Methyl acetate	100	85.1		ug/Kg		85	60 - 133
Methyl tert-butyl ether	50.0	48.1		ug/Kg		96	70 - 130
Methylcyclohexane	50.0	51.8		ug/Kg		104	70 - 138

Method: 8260D - Volatile Organic Compounds by GC/MS (Continued)

Lab Sample ID: LCS 240-629507/5
Matrix: Solid
Analysis Batch: 629507

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Methylene Chloride	50.0	46.1		ug/Kg		92	71 - 124
Styrene	50.0	50.6		ug/Kg		101	75 - 140
Tetrachloroethene	50.0	52.9		ug/Kg		106	76 - 127
Toluene	50.0	48.1		ug/Kg		96	80 - 120
trans-1,2-Dichloroethene	50.0	50.6		ug/Kg		101	76 - 130
trans-1,3-Dichloropropene	50.0	54.8		ug/Kg		110	61 - 121
Trichloroethene	50.0	53.9		ug/Kg		108	74 - 130
Trichlorofluoromethane	50.0	58.5		ug/Kg		117	50 - 154
Vinyl chloride	50.0	55.8		ug/Kg		112	49 - 146
Xylenes, Total	100	104		ug/Kg		104	80 - 122
m-Xylene & p-Xylene	50.0	52.0		ug/Kg		104	80 - 122
o-Xylene	50.0	51.5		ug/Kg		103	80 - 124

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
Toluene-d8 (Surr)	*95*		*56 - 125*
Dibromofluoromethane (Surr)	*97*		*41 - 138*
4-Bromofluorobenzene (Surr)	*97*		*41 - 143*
1,2-Dichloroethane-d4 (Surr)	*97*		*58 - 125*

Lab Sample ID: 240-212357-14 MS
Matrix: Solid
Analysis Batch: 629507

Client Sample ID: T625-E-0.0
Prep Type: Total/NA
Prep Batch: 629568

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
1,1,1-Trichloroethane	ND		65.1	55.2		ug/Kg	☼	85	46 - 144
1,1,2,2-Tetrachloroethane	ND		65.1	39.6		ug/Kg	☼	61	26 - 159
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		65.1	51.2		ug/Kg	☼	79	35 - 164
1,1,2-Trichloroethane	ND		65.1	45.9		ug/Kg	☼	71	26 - 149
1,1-Dichloroethane	ND		65.1	54.3		ug/Kg	☼	83	46 - 135
1,1-Dichloroethene	ND		65.1	55.1		ug/Kg	☼	85	44 - 160
1,2,4-Trichlorobenzene	ND		65.1	21.3		ug/Kg	☼	33	10 - 120
1,2-Dibromo-3-Chloropropane	ND		65.1	27.3		ug/Kg	☼	42	12 - 144
Ethylene Dibromide	ND		65.1	34.5		ug/Kg	☼	53	31 - 142
1,2-Dichlorobenzene	ND		65.1	30.6		ug/Kg	☼	47	10 - 126
1,2-Dichloroethane	ND		65.1	46.9		ug/Kg	☼	72	40 - 132
1,2-Dichloropropane	ND		65.1	47.7		ug/Kg	☼	73	45 - 133
1,3-Dichlorobenzene	ND		65.1	32.5		ug/Kg	☼	50	10 - 131
1,4-Dichlorobenzene	ND		65.1	31.7		ug/Kg	☼	49	10 - 129
2-Butanone (MEK)	ND		130	50.9		ug/Kg	☼	39	30 - 157
2-Hexanone	ND		130	27.5		ug/Kg	☼	21	20 - 166
4-Methyl-2-pentanone (MIBK)	ND		130	54.8		ug/Kg	☼	42	31 - 159
Acetone	ND		130	56.4		ug/Kg	☼	43	35 - 167
Benzene	ND		65.1	50.1		ug/Kg	☼	77	39 - 134
Dichlorobromomethane	ND		65.1	45.6		ug/Kg	☼	70	32 - 146
Bromoform	ND		65.1	21.7		ug/Kg	☼	33	12 - 144
Bromomethane	ND		65.1	18.9		ug/Kg	☼	29	10 - 161
Carbon disulfide	ND		65.1	23.2		ug/Kg	☼	36	24 - 153
Carbon tetrachloride	ND		65.1	46.7		ug/Kg	☼	72	37 - 145

Method: 8260D - Volatile Organic Compounds by GC/MS (Continued)

Lab Sample ID: 240-212357-14 MS
Matrix: Solid
Analysis Batch: 629507

Client Sample ID: T625-E-0.0
Prep Type: Total/NA
Prep Batch: 629568

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Chlorobenzene	ND		65.1	41.1		ug/Kg	☼	63	18 - 134
Chloroethane	ND		65.1	63.0		ug/Kg	☼	97	14 - 159
Chloroform	ND		65.1	52.7		ug/Kg	☼	81	43 - 134
Chloromethane	ND		65.1	38.3		ug/Kg	☼	59	32 - 151
cis-1,2-Dichloroethene	ND		65.1	49.5		ug/Kg	☼	76	48 - 132
cis-1,3-Dichloropropene	ND		65.1	19.6		ug/Kg	☼	30	23 - 139
Cyclohexane	ND		65.1	48.9		ug/Kg	☼	75	31 - 147
Chlorodibromomethane	ND		65.1	35.9		ug/Kg	☼	55	25 - 143
Dichlorodifluoromethane	ND		65.1	48.5		ug/Kg	☼	75	16 - 157
Ethylbenzene	ND		65.1	43.2		ug/Kg	☼	66	17 - 137
Isopropylbenzene	ND		65.1	46.3		ug/Kg	☼	71	10 - 146
Methyl acetate	ND	F1	130	15.2	J F1	ug/Kg	☼	12	13 - 164
Methyl tert-butyl ether	ND		65.1	50.8		ug/Kg	☼	78	55 - 134
Methylcyclohexane	ND		65.1	42.6		ug/Kg	☼	65	20 - 153
Methylene Chloride	ND		65.1	51.3		ug/Kg	☼	79	38 - 145
Styrene	ND		65.1	32.6		ug/Kg	☼	50	10 - 149
Tetrachloroethene	ND		65.1	45.5		ug/Kg	☼	70	19 - 147
Toluene	ND		65.1	45.4		ug/Kg	☼	70	30 - 137
trans-1,2-Dichloroethene	ND		65.1	50.8		ug/Kg	☼	78	41 - 145
trans-1,3-Dichloropropene	ND		65.1	25.0		ug/Kg	☼	38	19 - 130
Trichloroethene	ND		65.1	46.9		ug/Kg	☼	72	21 - 158
Trichlorofluoromethane	ND		65.1	60.3		ug/Kg	☼	93	36 - 161
Vinyl chloride	ND		65.1	65.3		ug/Kg	☼	100	32 - 163
Xylenes, Total	ND		130	85.2		ug/Kg	☼	65	17 - 138
m-Xylene & p-Xylene	ND		65.1	42.0		ug/Kg	☼	65	10 - 141
o-Xylene	ND		65.1	43.2		ug/Kg	☼	66	18 - 139

Surrogate	*MS %Recovery*	*MS Qualifier*	*Limits*
Toluene-d8 (Surr)	*98*		*56 - 125*
Dibromofluoromethane (Surr)	*98*		*41 - 138*
4-Bromofluorobenzene (Surr)	*98*		*41 - 143*
1,2-Dichloroethane-d4 (Surr)	*96*		*58 - 125*

Lab Sample ID: 240-212357-14 MSD
Matrix: Solid
Analysis Batch: 629507

Client Sample ID: T625-E-0.0
Prep Type: Total/NA
Prep Batch: 629568

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
1,1,1-Trichloroethane	ND		67.2	62.8		ug/Kg	☼	93	46 - 144	13	37
1,1,2,2-Tetrachloroethane	ND		67.2	50.5		ug/Kg	☼	75	26 - 159	24	40
1,1,2-Trichloro-1,2,2-trifluoroetha ne	ND		67.2	58.0		ug/Kg	☼	86	35 - 164	12	37
1,1,2-Trichloroethane	ND		67.2	54.9		ug/Kg	☼	82	26 - 149	18	40
1,1-Dichloroethane	ND		67.2	60.6		ug/Kg	☼	90	46 - 135	11	36
1,1-Dichloroethene	ND		67.2	61.0		ug/Kg	☼	91	44 - 160	10	37
1,2,4-Trichlorobenzene	ND		67.2	26.4		ug/Kg	☼	39	10 - 120	21	40
1,2-Dibromo-3-Chloropropane	ND		67.2	35.3		ug/Kg	☼	53	12 - 144	26	40
Ethylene Dibromide	ND		67.2	41.0		ug/Kg	☼	61	31 - 142	17	40
1,2-Dichlorobenzene	ND		67.2	38.8		ug/Kg	☼	58	10 - 126	24	40

Method: 8260D - Volatile Organic Compounds by GC/MS (Continued)

Lab Sample ID: 240-212357-14 MSD
Matrix: Solid
Analysis Batch: 629507

Client Sample ID: T625-E-0.0
Prep Type: Total/NA
Prep Batch: 629568

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
1,2-Dichloroethane	ND		67.2	54.7		ug/Kg	☼	81	40 - 132	15	35
1,2-Dichloropropane	ND		67.2	54.4		ug/Kg	☼	81	45 - 133	13	37
1,3-Dichlorobenzene	ND		67.2	41.4		ug/Kg	☼	62	10 - 131	24	40
1,4-Dichlorobenzene	ND		67.2	40.0		ug/Kg	☼	60	10 - 129	23	40
2-Butanone (MEK)	ND		134	58.6		ug/Kg	☼	44	30 - 157	14	40
2-Hexanone	ND		134	29.2		ug/Kg	☼	22	20 - 166	6	40
4-Methyl-2-pentanone (MIBK)	ND		134	62.3		ug/Kg	☼	46	31 - 159	13	40
Acetone	ND		134	56.2		ug/Kg	☼	42	35 - 167	0	40
Benzene	ND		67.2	56.3		ug/Kg	☼	84	39 - 134	12	40
Dichlorobromomethane	ND		67.2	53.6		ug/Kg	☼	80	32 - 146	16	39
Bromoform	ND		67.2	26.7		ug/Kg	☼	40	12 - 144	21	40
Bromomethane	ND		67.2	19.3		ug/Kg	☼	29	10 - 161	2	40
Carbon disulfide	ND		67.2	25.3		ug/Kg	☼	38	24 - 153	9	40
Carbon tetrachloride	ND		67.2	53.9		ug/Kg	☼	80	37 - 145	14	38
Chlorobenzene	ND		67.2	49.1		ug/Kg	☼	73	18 - 134	18	40
Chloroethane	ND		67.2	75.3		ug/Kg	☼	112	14 - 159	18	40
Chloroform	ND		67.2	59.6		ug/Kg	☼	89	43 - 134	12	36
Chloromethane	ND		67.2	42.4		ug/Kg	☼	63	32 - 151	10	38
cis-1,2-Dichloroethene	ND		67.2	56.2		ug/Kg	☼	84	48 - 132	13	37
cis-1,3-Dichloropropene	ND		67.2	22.2		ug/Kg	☼	33	23 - 139	12	39
Cyclohexane	ND		67.2	54.9		ug/Kg	☼	82	31 - 147	12	39
Chlorodibromomethane	ND		67.2	44.0		ug/Kg	☼	66	25 - 143	20	40
Dichlorodifluoromethane	ND		67.2	53.2		ug/Kg	☼	79	16 - 157	9	40
Ethylbenzene	ND		67.2	51.1		ug/Kg	☼	76	17 - 137	17	40
Isopropylbenzene	ND		67.2	56.0		ug/Kg	☼	83	10 - 146	19	40
Methyl acetate	ND	F1	134	16.2	J F1	ug/Kg	☼	12	13 - 164	7	40
Methyl tert-butyl ether	ND		67.2	57.4		ug/Kg	☼	85	55 - 134	12	37
Methylcyclohexane	ND		67.2	48.4		ug/Kg	☼	72	20 - 153	13	40
Methylene Chloride	ND		67.2	57.4		ug/Kg	☼	85	38 - 145	11	40
Styrene	ND		67.2	39.7		ug/Kg	☼	59	10 - 149	20	40
Tetrachloroethene	ND		67.2	54.7		ug/Kg	☼	81	19 - 147	18	40
Toluene	ND		67.2	53.0		ug/Kg	☼	79	30 - 137	15	40
trans-1,2-Dichloroethene	ND		67.2	56.4		ug/Kg	☼	84	41 - 145	10	37
trans-1,3-Dichloropropene	ND		67.2	30.1		ug/Kg	☼	45	19 - 130	18	40
Trichloroethene	ND		67.2	53.3		ug/Kg	☼	79	21 - 158	13	40
Trichlorofluoromethane	ND		67.2	67.5		ug/Kg	☼	100	36 - 161	11	40
Vinyl chloride	ND		67.2	72.3		ug/Kg	☼	108	32 - 163	10	38
Xylenes, Total	ND		134	103		ug/Kg	☼	77	17 - 138	19	40
m-Xylene & p-Xylene	ND		67.2	51.1		ug/Kg	☼	76	10 - 141	20	40
o-Xylene	ND		67.2	52.3		ug/Kg	☼	78	18 - 139	19	40

Surrogate	*MSD %Recovery*	*MSD Qualifier*	*Limits*
Toluene-d8 (Surr)	*99*		*56 - 125*
Dibromofluoromethane (Surr)	*97*		*41 - 138*
4-Bromofluorobenzene (Surr)	*94*		*41 - 143*
1,2-Dichloroethane-d4 (Surr)	*95*		*58 - 125*

Method: 8260D - Volatile Organic Compounds by GC/MS (Continued)

Lab Sample ID: MB 240-629575/9
Matrix: Solid
Analysis Batch: 629575

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		5.0	1.8	ug/Kg			10/04/24 14:15	1
1,1,2,2-Tetrachloroethane	ND		5.0	1.4	ug/Kg			10/04/24 14:15	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		5.0	1.3	ug/Kg			10/04/24 14:15	1
1,1,2-Trichloroethane	ND		5.0	1.1	ug/Kg			10/04/24 14:15	1
1,1-Dichloroethane	ND		5.0	1.4	ug/Kg			10/04/24 14:15	1
1,1-Dichloroethene	ND		5.0	1.8	ug/Kg			10/04/24 14:15	1
1,2,4-Trichlorobenzene	ND		5.0	2.5	ug/Kg			10/04/24 14:15	1
1,2-Dibromo-3-Chloropropane	ND		10	3.6	ug/Kg			10/04/24 14:15	1
Ethylene Dibromide	ND		5.0	0.77	ug/Kg			10/04/24 14:15	1
1,2-Dichlorobenzene	ND		5.0	1.1	ug/Kg			10/04/24 14:15	1
1,2-Dichloroethane	ND		5.0	1.8	ug/Kg			10/04/24 14:15	1
1,2-Dichloropropane	ND		5.0	0.85	ug/Kg			10/04/24 14:15	1
1,3-Dichlorobenzene	ND		5.0	1.6	ug/Kg			10/04/24 14:15	1
1,4-Dichlorobenzene	ND		5.0	0.88	ug/Kg			10/04/24 14:15	1
2-Butanone (MEK)	ND		20	3.6	ug/Kg			10/04/24 14:15	1
2-Hexanone	ND		20	4.1	ug/Kg			10/04/24 14:15	1
4-Methyl-2-pentanone (MIBK)	ND		20	3.7	ug/Kg			10/04/24 14:15	1
Acetone	ND		25	21	ug/Kg			10/04/24 14:15	1
Benzene	ND		5.0	0.70	ug/Kg			10/04/24 14:15	1
Dichlorobromomethane	ND		5.0	1.5	ug/Kg			10/04/24 14:15	1
Bromoform	ND		5.0	2.4	ug/Kg			10/04/24 14:15	1
Bromomethane	ND		5.0	4.2	ug/Kg			10/04/24 14:15	1
Carbon disulfide	ND		5.0	1.2	ug/Kg			10/04/24 14:15	1
Carbon tetrachloride	ND		5.0	3.3	ug/Kg			10/04/24 14:15	1
Chlorobenzene	ND		5.0	0.92	ug/Kg			10/04/24 14:15	1
Chloroethane	ND		5.0	2.7	ug/Kg			10/04/24 14:15	1
Chloroform	ND		5.0	0.79	ug/Kg			10/04/24 14:15	1
Chloromethane	ND		5.0	2.3	ug/Kg			10/04/24 14:15	1
cis-1,2-Dichloroethene	ND		5.0	1.5	ug/Kg			10/04/24 14:15	1
cis-1,3-Dichloropropene	ND		5.0	2.9	ug/Kg			10/04/24 14:15	1
Cyclohexane	ND		10	1.4	ug/Kg			10/04/24 14:15	1
Chlorodibromomethane	ND		5.0	2.8	ug/Kg			10/04/24 14:15	1
Dichlorodifluoromethane	ND		5.0	2.3	ug/Kg			10/04/24 14:15	1
Ethylbenzene	ND		5.0	1.0	ug/Kg			10/04/24 14:15	1
Isopropylbenzene	ND		5.0	1.9	ug/Kg			10/04/24 14:15	1
Methyl acetate	ND		25	3.4	ug/Kg			10/04/24 14:15	1
Methyl tert-butyl ether	ND		5.0	2.0	ug/Kg			10/04/24 14:15	1
Methylcyclohexane	ND		10	1.2	ug/Kg			10/04/24 14:15	1
Methylene Chloride	ND		25	12	ug/Kg			10/04/24 14:15	1
Styrene	ND		5.0	1.2	ug/Kg			10/04/24 14:15	1
Tetrachloroethene	ND		5.0	3.9	ug/Kg			10/04/24 14:15	1
Toluene	ND		5.0	0.77	ug/Kg			10/04/24 14:15	1
trans-1,2-Dichloroethene	ND		5.0	1.4	ug/Kg			10/04/24 14:15	1
trans-1,3-Dichloropropene	ND		5.0	3.7	ug/Kg			10/04/24 14:15	1
Trichloroethene	ND		5.0	1.4	ug/Kg			10/04/24 14:15	1
Trichlorofluoromethane	ND		5.0	2.7	ug/Kg			10/04/24 14:15	1
Vinyl chloride	ND		5.0	1.8	ug/Kg			10/04/24 14:15	1
Xylenes, Total	ND		10	1.6	ug/Kg			10/04/24 14:15	1

Method: 8260D - Volatile Organic Compounds by GC/MS (Continued)

Lab Sample ID: MB 240-629575/9
Matrix: Solid
Analysis Batch: 629575

Client Sample ID: Method Blank
Prep Type: Total/NA

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
Toluene-d8 (Surr)	*96*		*56 - 125*		*10/04/24 14:15*	*1*
Dibromofluoromethane (Surr)	*105*		*41 - 138*		*10/04/24 14:15*	*1*
4-Bromofluorobenzene (Surr)	*96*		*41 - 143*		*10/04/24 14:15*	*1*
1,2-Dichloroethane-d4 (Surr)	*111*		*58 - 125*		*10/04/24 14:15*	*1*

Lab Sample ID: LCS 240-629575/5
Matrix: Solid
Analysis Batch: 629575

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
1,1,1-Trichloroethane	50.0	52.6		ug/Kg		105	74 - 136
1,1,2,2-Tetrachloroethane	50.0	49.8		ug/Kg		100	66 - 129
1,1,2-Trichloro-1,2,2-trifluoroethane	50.0	51.6		ug/Kg		103	64 - 148
1,1,2-Trichloroethane	50.0	49.8		ug/Kg		100	79 - 120
1,1-Dichloroethane	50.0	50.6		ug/Kg		101	74 - 121
1,1-Dichloroethene	50.0	51.6		ug/Kg		103	68 - 141
1,2,4-Trichlorobenzene	50.0	54.7		ug/Kg		109	58 - 132
1,2-Dibromo-3-Chloropropane	50.0	55.4		ug/Kg		111	52 - 133
Ethylene Dibromide	50.0	50.0		ug/Kg		100	80 - 121
1,2-Dichlorobenzene	50.0	49.4		ug/Kg		99	73 - 120
1,2-Dichloroethane	50.0	48.3		ug/Kg		97	71 - 123
1,2-Dichloropropane	50.0	47.4		ug/Kg		95	76 - 126
1,3-Dichlorobenzene	50.0	52.5		ug/Kg		105	73 - 120
1,4-Dichlorobenzene	50.0	50.0		ug/Kg		100	74 - 120
2-Butanone (MEK)	100	91.9		ug/Kg		92	63 - 142
2-Hexanone	100	103		ug/Kg		103	65 - 142
4-Methyl-2-pentanone (MIBK)	100	99.5		ug/Kg		100	62 - 142
Acetone	100	99.6		ug/Kg		100	58 - 160
Benzene	50.0	49.9		ug/Kg		100	76 - 121
Dichlorobromomethane	50.0	53.0		ug/Kg		106	71 - 138
Bromoform	50.0	59.1		ug/Kg		118	57 - 140
Bromomethane	50.0	50.3		ug/Kg		101	10 - 171
Carbon disulfide	50.0	61.7		ug/Kg		123	43 - 152
Carbon tetrachloride	50.0	54.6		ug/Kg		109	64 - 144
Chlorobenzene	50.0	50.7		ug/Kg		101	80 - 120
Chloroethane	50.0	55.2		ug/Kg		110	11 - 164
Chloroform	50.0	49.6		ug/Kg		99	78 - 120
Chloromethane	50.0	43.1		ug/Kg		86	41 - 142
cis-1,2-Dichloroethene	50.0	48.8		ug/Kg		98	78 - 124
cis-1,3-Dichloropropene	50.0	48.6		ug/Kg		97	70 - 133
Cyclohexane	50.0	54.4		ug/Kg		109	65 - 137
Chlorodibromomethane	50.0	55.6		ug/Kg		111	68 - 131
Dichlorodifluoromethane	50.0	34.7		ug/Kg		69	21 - 150
Ethylbenzene	50.0	54.3		ug/Kg		109	80 - 120
Isopropylbenzene	50.0	63.3		ug/Kg		127	80 - 130
Methyl acetate	100	85.6		ug/Kg		86	60 - 133
Methyl tert-butyl ether	50.0	49.9		ug/Kg		100	70 - 130
Methylcyclohexane	50.0	47.5		ug/Kg		95	70 - 138

Method: 8260D - Volatile Organic Compounds by GC/MS (Continued)

Lab Sample ID: LCS 240-629575/5
Matrix: Solid
Analysis Batch: 629575

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Methylene Chloride	50.0	51.7		ug/Kg		103	71 - 124
Styrene	50.0	55.8		ug/Kg		112	75 - 140
Tetrachloroethene	50.0	54.0		ug/Kg		108	76 - 127
Toluene	50.0	48.6		ug/Kg		97	80 - 120
trans-1,2-Dichloroethene	50.0	49.3		ug/Kg		99	76 - 130
trans-1,3-Dichloropropene	50.0	57.0		ug/Kg		114	61 - 121
Trichloroethene	50.0	50.7		ug/Kg		101	74 - 130
Trichlorofluoromethane	50.0	66.3		ug/Kg		133	50 - 154
Vinyl chloride	50.0	47.2		ug/Kg		94	49 - 146
Xylenes, Total	100	109		ug/Kg		109	80 - 122
m-Xylene & p-Xylene	50.0	54.6		ug/Kg		109	80 - 122
o-Xylene	50.0	54.3		ug/Kg		109	80 - 124

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
Toluene-d8 (Surr)	*100*		*56 - 125*
Dibromofluoromethane (Surr)	*99*		*41 - 138*
4-Bromofluorobenzene (Surr)	*101*		*41 - 143*
1,2-Dichloroethane-d4 (Surr)	*100*		*58 - 125*

Lab Sample ID: 240-212357-15 MS
Matrix: Solid
Analysis Batch: 629575

Client Sample ID: DUP-2-20241003
Prep Type: Total/NA
Prep Batch: 629589

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
1,1,1-Trichloroethane	ND		66.0	56.5		ug/Kg	☼	86	46 - 144
1,1,2,2-Tetrachloroethane	ND		66.0	49.4		ug/Kg	☼	75	26 - 159
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		66.0	59.0		ug/Kg	☼	89	35 - 164
1,1,2-Trichloroethane	ND		66.0	51.3		ug/Kg	☼	78	26 - 149
1,1-Dichloroethane	ND		66.0	58.3		ug/Kg	☼	88	46 - 135
1,1-Dichloroethene	ND		66.0	58.9		ug/Kg	☼	89	44 - 160
1,2,4-Trichlorobenzene	ND		66.0	19.2		ug/Kg	☼	29	10 - 120
1,2-Dibromo-3-Chloropropane	ND		66.0	43.9		ug/Kg	☼	67	12 - 144
Ethylene Dibromide	ND		66.0	48.8		ug/Kg	☼	74	31 - 142
1,2-Dichlorobenzene	ND		66.0	29.7		ug/Kg	☼	45	10 - 126
1,2-Dichloroethane	ND		66.0	55.3		ug/Kg	☼	84	40 - 132
1,2-Dichloropropane	ND		66.0	52.6		ug/Kg	☼	80	45 - 133
1,3-Dichlorobenzene	ND		66.0	30.3		ug/Kg	☼	46	10 - 131
1,4-Dichlorobenzene	ND		66.0	28.5		ug/Kg	☼	43	10 - 129
2-Butanone (MEK)	ND	F2	132	128		ug/Kg	☼	97	30 - 157
2-Hexanone	ND		132	91.5		ug/Kg	☼	69	20 - 166
4-Methyl-2-pentanone (MIBK)	ND		132	111		ug/Kg	☼	84	31 - 159
Acetone	ND	F1	132	317	F1	ug/Kg	☼	240	35 - 167
Benzene	ND		66.0	54.6		ug/Kg	☼	83	39 - 134
Dichlorobromomethane	ND		66.0	55.9		ug/Kg	☼	85	32 - 146
Bromoform	ND		66.0	49.1		ug/Kg	☼	74	12 - 144
Bromomethane	ND		66.0	47.5		ug/Kg	☼	72	10 - 161
Carbon disulfide	ND		66.0	59.1		ug/Kg	☼	90	24 - 153
Carbon tetrachloride	ND		66.0	56.4		ug/Kg	☼	86	37 - 145

Method: 8260D - Volatile Organic Compounds by GC/MS (Continued)

Lab Sample ID: 240-212357-15 MS
Matrix: Solid
Analysis Batch: 629575

Client Sample ID: DUP-2-20241003
Prep Type: Total/NA
Prep Batch: 629589

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Chlorobenzene	ND		66.0	41.9		ug/Kg	☼	63	18 - 134
Chloroethane	ND		66.0	63.8		ug/Kg	☼	97	14 - 159
Chloroform	ND		66.0	55.0		ug/Kg	☼	83	43 - 134
Chloromethane	ND		66.0	46.7		ug/Kg	☼	71	32 - 151
cis-1,2-Dichloroethene	ND		66.0	53.3		ug/Kg	☼	81	48 - 132
cis-1,3-Dichloropropene	ND		66.0	46.0		ug/Kg	☼	70	23 - 139
Cyclohexane	ND		66.0	53.4		ug/Kg	☼	81	31 - 147
Chlorodibromomethane	ND		66.0	50.8		ug/Kg	☼	77	25 - 143
Dichlorodifluoromethane	ND		66.0	39.2		ug/Kg	☼	59	16 - 157
Ethylbenzene	ND		66.0	42.3		ug/Kg	☼	64	17 - 137
Isopropylbenzene	ND		66.0	42.6		ug/Kg	☼	65	10 - 146
Methyl acetate	ND		132	165		ug/Kg	☼	125	13 - 164
Methyl tert-butyl ether	ND		66.0	60.9		ug/Kg	☼	92	55 - 134
Methylcyclohexane	ND		66.0	40.4		ug/Kg	☼	61	20 - 153
Methylene Chloride	ND		66.0	59.3		ug/Kg	☼	90	38 - 145
Styrene	ND		66.0	40.4		ug/Kg	☼	61	10 - 149
Tetrachloroethene	ND		66.0	43.6		ug/Kg	☼	66	19 - 147
Toluene	ND		66.0	45.3		ug/Kg	☼	69	30 - 137
trans-1,2-Dichloroethene	ND		66.0	53.9		ug/Kg	☼	82	41 - 145
trans-1,3-Dichloropropene	ND		66.0	50.5		ug/Kg	☼	77	19 - 130
Trichloroethene	ND		66.0	50.3		ug/Kg	☼	76	21 - 158
Trichlorofluoromethane	ND		66.0	60.3		ug/Kg	☼	91	36 - 161
Vinyl chloride	ND		66.0	56.0		ug/Kg	☼	85	32 - 163
Xylenes, Total	ND		132	82.2		ug/Kg	☼	62	17 - 138
m-Xylene & p-Xylene	ND		66.0	41.2		ug/Kg	☼	63	10 - 141
o-Xylene	ND		66.0	41.0		ug/Kg	☼	62	18 - 139

Surrogate	*MS %Recovery*	*MS Qualifier*	*Limits*
Toluene-d8 (Surr)	*97*		*56 - 125*
Dibromofluoromethane (Surr)	*101*		*41 - 138*
4-Bromofluorobenzene (Surr)	*99*		*41 - 143*
1,2-Dichloroethane-d4 (Surr)	*105*		*58 - 125*

Lab Sample ID: 240-212357-15 MSD
Matrix: Solid
Analysis Batch: 629575

Client Sample ID: DUP-2-20241003
Prep Type: Total/NA
Prep Batch: 629589

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
1,1,1-Trichloroethane	ND		66.3	54.3		ug/Kg	☼	82	46 - 144	4	37
1,1,2,2-Tetrachloroethane	ND		66.3	41.6		ug/Kg	☼	63	26 - 159	17	40
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		66.3	57.0		ug/Kg	☼	86	35 - 164	3	37
1,1,2-Trichloroethane	ND		66.3	46.6		ug/Kg	☼	70	26 - 149	10	40
1,1-Dichloroethane	ND		66.3	57.2		ug/Kg	☼	86	46 - 135	2	36
1,1-Dichloroethene	ND		66.3	57.6		ug/Kg	☼	87	44 - 160	2	37
1,2,4-Trichlorobenzene	ND		66.3	13.7		ug/Kg	☼	21	10 - 120	34	40
1,2-Dibromo-3-Chloropropane	ND		66.3	34.6		ug/Kg	☼	52	12 - 144	24	40
Ethylene Dibromide	ND		66.3	43.4		ug/Kg	☼	65	31 - 142	12	40
1,2-Dichlorobenzene	ND		66.3	21.5		ug/Kg	☼	32	10 - 126	32	40

Method: 8260D - Volatile Organic Compounds by GC/MS (Continued)

Lab Sample ID: 240-212357-15 MSD
Matrix: Solid
Analysis Batch: 629575

Client Sample ID: DUP-2-20241003
Prep Type: Total/NA
Prep Batch: 629589

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
1,2-Dichloroethane	ND		66.3	53.1		ug/Kg	☼	80	40 - 132	4	35
1,2-Dichloropropane	ND		66.3	49.7		ug/Kg	☼	75	45 - 133	6	37
1,3-Dichlorobenzene	ND		66.3	21.7		ug/Kg	☼	33	10 - 131	33	40
1,4-Dichlorobenzene	ND		66.3	20.7		ug/Kg	☼	31	10 - 129	32	40
2-Butanone (MEK)	ND	F2	133	84.2	F2	ug/Kg	☼	63	30 - 157	42	40
2-Hexanone	ND		133	63.6		ug/Kg	☼	48	20 - 166	36	40
4-Methyl-2-pentanone (MIBK)	ND		133	94.5		ug/Kg	☼	71	31 - 159	16	40
Acetone	ND	F1	133	416	F1	ug/Kg	☼	314	35 - 167	27	40
Benzene	ND		66.3	50.8		ug/Kg	☼	77	39 - 134	7	40
Dichlorobromomethane	ND		66.3	52.5		ug/Kg	☼	79	32 - 146	6	39
Bromoform	ND		66.3	40.2		ug/Kg	☼	61	12 - 144	20	40
Bromomethane	ND		66.3	41.7		ug/Kg	☼	63	10 - 161	13	40
Carbon disulfide	ND		66.3	54.1		ug/Kg	☼	82	24 - 153	9	40
Carbon tetrachloride	ND		66.3	53.8		ug/Kg	☼	81	37 - 145	5	38
Chlorobenzene	ND		66.3	33.7		ug/Kg	☼	51	18 - 134	22	40
Chloroethane	ND		66.3	62.3		ug/Kg	☼	94	14 - 159	2	40
Chloroform	ND		66.3	52.8		ug/Kg	☼	80	43 - 134	4	36
Chloromethane	ND		66.3	47.0		ug/Kg	☼	71	32 - 151	1	38
cis-1,2-Dichloroethene	ND		66.3	51.6		ug/Kg	☼	78	48 - 132	3	37
cis-1,3-Dichloropropene	ND		66.3	38.1		ug/Kg	☼	57	23 - 139	19	39
Cyclohexane	ND		66.3	50.1		ug/Kg	☼	76	31 - 147	6	39
Chlorodibromomethane	ND		66.3	44.8		ug/Kg	☼	68	25 - 143	13	40
Dichlorodifluoromethane	ND		66.3	39.1		ug/Kg	☼	59	16 - 157	0	40
Ethylbenzene	ND		66.3	33.0		ug/Kg	☼	50	17 - 137	25	40
Isopropylbenzene	ND		66.3	30.7		ug/Kg	☼	46	10 - 146	32	40
Methyl acetate	ND		133	120		ug/Kg	☼	90	13 - 164	32	40
Methyl tert-butyl ether	ND		66.3	58.5		ug/Kg	☼	88	55 - 134	4	37
Methylcyclohexane	ND		66.3	36.8		ug/Kg	☼	55	20 - 153	9	40
Methylene Chloride	ND		66.3	58.0		ug/Kg	☼	87	38 - 145	2	40
Styrene	ND		66.3	29.5		ug/Kg	☼	44	10 - 149	31	40
Tetrachloroethene	ND		66.3	35.8		ug/Kg	☼	54	19 - 147	20	40
Toluene	ND		66.3	38.9		ug/Kg	☼	59	30 - 137	15	40
trans-1,2-Dichloroethene	ND		66.3	51.7		ug/Kg	☼	78	41 - 145	4	37
trans-1,3-Dichloropropene	ND		66.3	43.0		ug/Kg	☼	65	19 - 130	16	40
Trichloroethene	ND		66.3	45.5		ug/Kg	☼	69	21 - 158	10	40
Trichlorofluoromethane	ND		66.3	60.9		ug/Kg	☼	92	36 - 161	1	40
Vinyl chloride	ND		66.3	55.6		ug/Kg	☼	84	32 - 163	1	38
Xylenes, Total	ND		133	62.2		ug/Kg	☼	47	17 - 138	28	40
m-Xylene & p-Xylene	ND		66.3	31.0		ug/Kg	☼	47	10 - 141	28	40
o-Xylene	ND		66.3	31.2		ug/Kg	☼	47	18 - 139	27	40

Surrogate	*MSD %Recovery*	*MSD Qualifier*	*Limits*
Toluene-d8 (Surr)	*98*		*56 - 125*
Dibromofluoromethane (Surr)	*104*		*41 - 138*
4-Bromofluorobenzene (Surr)	*99*		*41 - 143*
1,2-Dichloroethane-d4 (Surr)	*108*		*58 - 125*

Method: 8260D - Volatile Organic Compounds by GC/MS (Continued)

Lab Sample ID: MB 240-629629/8
Matrix: Water
Analysis Batch: 629629

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		1.0	0.48	ug/L			10/05/24 12:49	1
1,1,2,2-Tetrachloroethane	ND		1.0	0.60	ug/L			10/05/24 12:49	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		1.0	0.41	ug/L			10/05/24 12:49	1
1,1,2-Trichloroethane	ND		1.0	0.48	ug/L			10/05/24 12:49	1
1,1-Dichloroethane	ND		1.0	0.47	ug/L			10/05/24 12:49	1
1,1-Dichloroethene	ND		1.0	0.49	ug/L			10/05/24 12:49	1
1,2,4-Trichlorobenzene	ND		1.0	0.77	ug/L			10/05/24 12:49	1
1,2-Dibromo-3-Chloropropane	ND		2.0	0.91	ug/L			10/05/24 12:49	1
Ethylene Dibromide	ND		1.0	0.41	ug/L			10/05/24 12:49	1
1,2-Dichlorobenzene	ND		1.0	0.48	ug/L			10/05/24 12:49	1
1,2-Dichloroethane	ND		1.0	0.46	ug/L			10/05/24 12:49	1
1,2-Dichloropropane	ND		1.0	0.47	ug/L			10/05/24 12:49	1
1,3-Dichlorobenzene	ND		1.0	0.45	ug/L			10/05/24 12:49	1
1,4-Dichlorobenzene	ND		1.0	0.41	ug/L			10/05/24 12:49	1
2-Butanone (MEK)	ND		10	1.2	ug/L			10/05/24 12:49	1
2-Hexanone	ND		10	1.1	ug/L			10/05/24 12:49	1
4-Methyl-2-pentanone (MIBK)	ND		10	0.99	ug/L			10/05/24 12:49	1
Acetone	ND		10	5.4	ug/L			10/05/24 12:49	1
Benzene	ND		1.0	0.42	ug/L			10/05/24 12:49	1
Dichlorobromomethane	ND		1.0	0.38	ug/L			10/05/24 12:49	1
Bromoform	ND		1.0	0.76	ug/L			10/05/24 12:49	1
Bromomethane	0.458	J	1.0	0.42	ug/L			10/05/24 12:49	1
Carbon disulfide	ND		1.0	0.59	ug/L			10/05/24 12:49	1
Carbon tetrachloride	ND		1.0	0.26	ug/L			10/05/24 12:49	1
Chlorobenzene	ND		1.0	0.38	ug/L			10/05/24 12:49	1
Chloroethane	ND		1.0	0.83	ug/L			10/05/24 12:49	1
Chloroform	ND		1.0	0.47	ug/L			10/05/24 12:49	1
Chloromethane	ND		1.0	0.63	ug/L			10/05/24 12:49	1
cis-1,2-Dichloroethene	ND		1.0	0.46	ug/L			10/05/24 12:49	1
cis-1,3-Dichloropropene	ND		1.0	0.61	ug/L			10/05/24 12:49	1
Cyclohexane	ND		1.0	0.48	ug/L			10/05/24 12:49	1
Chlorodibromomethane	ND		1.0	0.39	ug/L			10/05/24 12:49	1
Dichlorodifluoromethane	ND		1.0	0.35	ug/L			10/05/24 12:49	1
Ethylbenzene	ND		1.0	0.42	ug/L			10/05/24 12:49	1
Isopropylbenzene	ND		1.0	0.49	ug/L			10/05/24 12:49	1
Methyl acetate	ND		10	1.7	ug/L			10/05/24 12:49	1
Methyl tert-butyl ether	ND		1.0	0.47	ug/L			10/05/24 12:49	1
Methylcyclohexane	ND		1.0	0.33	ug/L			10/05/24 12:49	1
Methylene Chloride	ND		5.0	2.6	ug/L			10/05/24 12:49	1
Styrene	ND		1.0	0.45	ug/L			10/05/24 12:49	1
Tetrachloroethene	ND		1.0	0.44	ug/L			10/05/24 12:49	1
Toluene	ND		1.0	0.44	ug/L			10/05/24 12:49	1
trans-1,2-Dichloroethene	ND		1.0	0.51	ug/L			10/05/24 12:49	1
trans-1,3-Dichloropropene	ND		1.0	0.67	ug/L			10/05/24 12:49	1
Trichloroethene	ND		1.0	0.44	ug/L			10/05/24 12:49	1
Trichlorofluoromethane	ND		1.0	0.45	ug/L			10/05/24 12:49	1
Vinyl chloride	ND		1.0	0.45	ug/L			10/05/24 12:49	1
Xylenes, Total	ND		2.0	0.42	ug/L			10/05/24 12:49	1

Method: 8260D - Volatile Organic Compounds by GC/MS (Continued)

Lab Sample ID: MB 240-629629/8
Matrix: Water
Analysis Batch: 629629

Client Sample ID: Method Blank
Prep Type: Total/NA

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
Toluene-d8 (Surr)	*96*		*78 - 122*		*10/05/24 12:49*	*1*
Dibromofluoromethane (Surr)	*103*		*73 - 120*		*10/05/24 12:49*	*1*
4-Bromofluorobenzene (Surr)	*94*		*56 - 136*		*10/05/24 12:49*	*1*
1,2-Dichloroethane-d4 (Surr)	*107*		*62 - 137*		*10/05/24 12:49*	*1*

Lab Sample ID: LCS 240-629629/5
Matrix: Water
Analysis Batch: 629629

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
1,1,1-Trichloroethane	25.0	23.5		ug/L		94	64 - 131
1,1,2,2-Tetrachloroethane	25.0	22.9		ug/L		91	58 - 157
1,1,2-Trichloro-1,2,2-trifluoroethane	25.0	23.1		ug/L		92	51 - 146
1,1,2-Trichloroethane	25.0	23.5		ug/L		94	70 - 138
1,1-Dichloroethane	25.0	23.4		ug/L		94	72 - 127
1,1-Dichloroethene	25.0	22.9		ug/L		92	63 - 134
1,2,4-Trichlorobenzene	25.0	23.3		ug/L		93	44 - 147
1,2-Dibromo-3-Chloropropane	25.0	21.7		ug/L		87	53 - 135
Ethylene Dibromide	25.0	23.7		ug/L		95	71 - 134
1,2-Dichlorobenzene	25.0	23.0		ug/L		92	78 - 120
1,2-Dichloroethane	25.0	22.6		ug/L		90	66 - 128
1,2-Dichloropropane	25.0	24.2		ug/L		97	75 - 133
1,3-Dichlorobenzene	25.0	23.2		ug/L		93	80 - 120
1,4-Dichlorobenzene	25.0	22.7		ug/L		91	80 - 120
2-Butanone (MEK)	50.0	43.1		ug/L		86	54 - 156
2-Hexanone	50.0	50.0		ug/L		100	43 - 167
4-Methyl-2-pentanone (MIBK)	50.0	46.8		ug/L		94	46 - 158
Acetone	50.0	47.1		ug/L		94	50 - 149
Benzene	25.0	23.9		ug/L		96	77 - 123
Dichlorobromomethane	25.0	22.5		ug/L		90	69 - 126
Bromoform	25.0	23.8		ug/L		95	57 - 129
Bromomethane	12.5	9.46		ug/L		76	36 - 142
Carbon disulfide	25.0	22.7		ug/L		91	43 - 140
Carbon tetrachloride	25.0	23.1		ug/L		92	55 - 137
Chlorobenzene	25.0	23.7		ug/L		95	80 - 121
Chloroethane	12.5	11.8		ug/L		94	38 - 152
Chloroform	25.0	21.8		ug/L		87	74 - 122
Chloromethane	12.5	9.48		ug/L		76	47 - 143
cis-1,2-Dichloroethene	25.0	23.1		ug/L		92	77 - 123
cis-1,3-Dichloropropene	25.0	22.7		ug/L		91	64 - 130
Cyclohexane	25.0	24.0		ug/L		96	58 - 146
Chlorodibromomethane	25.0	22.6		ug/L		90	70 - 124
Dichlorodifluoromethane	12.5	7.53		ug/L		60	34 - 153
Ethylbenzene	25.0	24.8		ug/L		99	80 - 121
Isopropylbenzene	25.0	28.1		ug/L		112	74 - 128
Methyl acetate	50.0	45.3		ug/L		91	42 - 169
Methyl tert-butyl ether	25.0	24.0		ug/L		96	65 - 126
Methylcyclohexane	25.0	23.8		ug/L		95	62 - 136

Method: 8260D - Volatile Organic Compounds by GC/MS (Continued)

Lab Sample ID: LCS 240-629629/5
Matrix: Water
Analysis Batch: 629629

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Methylene Chloride	25.0	24.0		ug/L		96	71 - 125
Styrene	25.0	26.0		ug/L		104	80 - 135
Tetrachloroethene	25.0	23.8		ug/L		95	76 - 123
Toluene	25.0	23.2		ug/L		93	80 - 123
trans-1,2-Dichloroethene	25.0	23.2		ug/L		93	75 - 124
trans-1,3-Dichloropropene	25.0	24.9		ug/L		100	57 - 129
Trichloroethene	25.0	22.6		ug/L		90	70 - 122
Trichlorofluoromethane	12.5	11.4		ug/L		92	30 - 170
Vinyl chloride	12.5	11.2		ug/L		90	60 - 144
Xylenes, Total	50.0	50.5		ug/L		101	80 - 121
m-Xylene & p-Xylene	25.0	25.1		ug/L		100	80 - 120
o-Xylene	25.0	25.4		ug/L		102	80 - 123

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
Toluene-d8 (Surr)	*99*		*78 - 122*
Dibromofluoromethane (Surr)	*93*		*73 - 120*
4-Bromofluorobenzene (Surr)	*102*		*56 - 136*
1,2-Dichloroethane-d4 (Surr)	*97*		*62 - 137*

Method: 8270E - Semivolatile Organic Compounds (GC/MS)

Lab Sample ID: MB 240-629512/1-A
Matrix: Solid
Analysis Batch: 629724

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 629512

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1'-Biphenyl	ND		100	28	ug/Kg		10/04/24 08:53	10/07/24 10:21	1
bis (2-chloroisopropyl) ether	ND		100	26	ug/Kg		10/04/24 08:53	10/07/24 10:21	1
2,4,5-Trichlorophenol	ND		150	33	ug/Kg		10/04/24 08:53	10/07/24 10:21	1
2,4,6-Trichlorophenol	ND		150	29	ug/Kg		10/04/24 08:53	10/07/24 10:21	1
2,4-Dichlorophenol	ND		150	27	ug/Kg		10/04/24 08:53	10/07/24 10:21	1
2,4-Dimethylphenol	ND		150	36	ug/Kg		10/04/24 08:53	10/07/24 10:21	1
2,4-Dinitrophenol	ND		330	170	ug/Kg		10/04/24 08:53	10/07/24 10:21	1
2,4-Dinitrotoluene	ND		200	23	ug/Kg		10/04/24 08:53	10/07/24 10:21	1
2,6-Dinitrotoluene	ND		200	36	ug/Kg		10/04/24 08:53	10/07/24 10:21	1
2-Chloronaphthalene	ND		100	28	ug/Kg		10/04/24 08:53	10/07/24 10:21	1
2-Chlorophenol	ND		100	26	ug/Kg		10/04/24 08:53	10/07/24 10:21	1
2-Methylnaphthalene	ND		40	13	ug/Kg		10/04/24 08:53	10/07/24 10:21	1
2-Methylphenol	ND		200	41	ug/Kg		10/04/24 08:53	10/07/24 10:21	1
2-Nitroaniline	ND		200	38	ug/Kg		10/04/24 08:53	10/07/24 10:21	1
2-Nitrophenol	ND		100	35	ug/Kg		10/04/24 08:53	10/07/24 10:21	1
3,3'-Dichlorobenzidine	ND		150	95	ug/Kg		10/04/24 08:53	10/07/24 10:21	1
3-Nitroaniline	ND		200	35	ug/Kg		10/04/24 08:53	10/07/24 10:21	1
4,6-Dinitro-2-methylphenol	ND		330	100	ug/Kg		10/04/24 08:53	10/07/24 10:21	1
4-Bromophenyl phenyl ether	ND		100	32	ug/Kg		10/04/24 08:53	10/07/24 10:21	1
4-Chloro-3-methylphenol	ND		150	38	ug/Kg		10/04/24 08:53	10/07/24 10:21	1
4-Chloroaniline	ND		150	16	ug/Kg		10/04/24 08:53	10/07/24 10:21	1
4-Chlorophenyl phenyl ether	ND		100	28	ug/Kg		10/04/24 08:53	10/07/24 10:21	1
4-Nitroaniline	ND		200	26	ug/Kg		10/04/24 08:53	10/07/24 10:21	1

Method: 8270E - Semivolatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: MB 240-629512/1-A
Matrix: Solid
Analysis Batch: 629724

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 629512

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
4-Nitrophenol	ND		330	90	ug/Kg		10/04/24 08:53	10/07/24 10:21	1
Acenaphthene	ND		40	14	ug/Kg		10/04/24 08:53	10/07/24 10:21	1
Acenaphthylene	ND		40	15	ug/Kg		10/04/24 08:53	10/07/24 10:21	1
Acetophenone	ND		100	25	ug/Kg		10/04/24 08:53	10/07/24 10:21	1
Anthracene	ND		40	12	ug/Kg		10/04/24 08:53	10/07/24 10:21	1
Atrazine	ND		330	69	ug/Kg		10/04/24 08:53	10/07/24 10:21	1
Benzaldehyde	ND		330	56	ug/Kg		10/04/24 08:53	10/07/24 10:21	1
Benzo[a]anthracene	ND		40	15	ug/Kg		10/04/24 08:53	10/07/24 10:21	1
Benzo[a]pyrene	ND		40	14	ug/Kg		10/04/24 08:53	10/07/24 10:21	1
Benzo[b]fluoranthene	ND		40	12	ug/Kg		10/04/24 08:53	10/07/24 10:21	1
Benzo[g,h,i]perylene	ND		40	27	ug/Kg		10/04/24 08:53	10/07/24 10:21	1
Benzo[k]fluoranthene	ND		40	10	ug/Kg		10/04/24 08:53	10/07/24 10:21	1
Bis(2-chloroethoxy)methane	ND		100	20	ug/Kg		10/04/24 08:53	10/07/24 10:21	1
Bis(2-chloroethyl)ether	ND		100	22	ug/Kg		10/04/24 08:53	10/07/24 10:21	1
Bis(2-ethylhexyl) phthalate	ND		150	56	ug/Kg		10/04/24 08:53	10/07/24 10:21	1
Butyl benzyl phthalate	ND		150	51	ug/Kg		10/04/24 08:53	10/07/24 10:21	1
Caprolactam	ND		330	69	ug/Kg		10/04/24 08:53	10/07/24 10:21	1
Carbazole	ND		100	27	ug/Kg		10/04/24 08:53	10/07/24 10:21	1
Chrysene	ND		40	14	ug/Kg		10/04/24 08:53	10/07/24 10:21	1
Dibenz(a,h)anthracene	ND		40	15	ug/Kg		10/04/24 08:53	10/07/24 10:21	1
Dibenzofuran	ND		100	29	ug/Kg		10/04/24 08:53	10/07/24 10:21	1
Diethyl phthalate	ND		150	43	ug/Kg		10/04/24 08:53	10/07/24 10:21	1
Dimethyl phthalate	ND		150	40	ug/Kg		10/04/24 08:53	10/07/24 10:21	1
Di-n-butyl phthalate	ND		150	51	ug/Kg		10/04/24 08:53	10/07/24 10:21	1
Di-n-octyl phthalate	ND		150	50	ug/Kg		10/04/24 08:53	10/07/24 10:21	1
Fluoranthene	ND		40	14	ug/Kg		10/04/24 08:53	10/07/24 10:21	1
Fluorene	ND		40	14	ug/Kg		10/04/24 08:53	10/07/24 10:21	1
Hexachlorobenzene	ND		40	14	ug/Kg		10/04/24 08:53	10/07/24 10:21	1
Hexachlorobutadiene	ND		100	21	ug/Kg		10/04/24 08:53	10/07/24 10:21	1
Hexachlorocyclopentadiene	ND		330	39	ug/Kg		10/04/24 08:53	10/07/24 10:21	1
Hexachloroethane	ND		100	32	ug/Kg		10/04/24 08:53	10/07/24 10:21	1
Indeno[1,2,3-cd]pyrene	ND		40	12	ug/Kg		10/04/24 08:53	10/07/24 10:21	1
Isophorone	ND		100	26	ug/Kg		10/04/24 08:53	10/07/24 10:21	1
N-Nitrosodi-n-propylamine	ND		100	37	ug/Kg		10/04/24 08:53	10/07/24 10:21	1
N-Nitrosodiphenylamine	ND		100	27	ug/Kg		10/04/24 08:53	10/07/24 10:21	1
Naphthalene	ND		40	13	ug/Kg		10/04/24 08:53	10/07/24 10:21	1
Nitrobenzene	ND		100	22	ug/Kg		10/04/24 08:53	10/07/24 10:21	1
Pentachlorophenol	ND		270	110	ug/Kg		10/04/24 08:53	10/07/24 10:21	1
Phenanthrene	ND		40	13	ug/Kg		10/04/24 08:53	10/07/24 10:21	1
Phenol	ND		100	38	ug/Kg		10/04/24 08:53	10/07/24 10:21	1
Pyrene	ND		40	16	ug/Kg		10/04/24 08:53	10/07/24 10:21	1
3 & 4 Methylphenol	ND		400	41	ug/Kg		10/04/24 08:53	10/07/24 10:21	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Terphenyl-d14 (Surr)	*84*		*37 - 120*	*10/04/24 08:53*	*10/07/24 10:21*	*1*
Phenol-d5 (Surr)	*86*		*29 - 120*	*10/04/24 08:53*	*10/07/24 10:21*	*1*
Nitrobenzene-d5 (Surr)	*77*		*28 - 120*	*10/04/24 08:53*	*10/07/24 10:21*	*1*
2-Fluorophenol (Surr)	*86*		*26 - 120*	*10/04/24 08:53*	*10/07/24 10:21*	*1*

Method: 8270E - Semivolatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: MB 240-629512/1-A
Matrix: Solid
Analysis Batch: 629724

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 629512

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
2-Fluorobiphenyl (Surr)	92		36 - 120	10/04/24 08:53	10/07/24 10:21	1
2,4,6-Tribromophenol (Surr)	83		10 - 120	10/04/24 08:53	10/07/24 10:21	1

Lab Sample ID: LCS 240-629512/2-A
Matrix: Solid
Analysis Batch: 629724

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 629512

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
1,1'-Biphenyl	1330	1050		ug/Kg		79	54 - 120
bis (2-chloroisopropyl) ether	1330	1030		ug/Kg		77	42 - 120
2,4,5-Trichlorophenol	1330	1100		ug/Kg		83	53 - 120
2,4,6-Trichlorophenol	1330	1140		ug/Kg		85	53 - 120
2,4-Dichlorophenol	1330	1060		ug/Kg		80	55 - 120
2,4-Dimethylphenol	1330	735		ug/Kg		55	39 - 120
2,4-Dinitrophenol	2670	847		ug/Kg		32	10 - 120
2,4-Dinitrotoluene	1330	1250		ug/Kg		94	56 - 120
2,6-Dinitrotoluene	1330	1180		ug/Kg		89	57 - 120
2-Chloronaphthalene	1330	1060		ug/Kg		80	54 - 120
2-Chlorophenol	1330	1090		ug/Kg		82	54 - 120
2-Methylnaphthalene	1330	1040		ug/Kg		78	56 - 120
2-Methylphenol	1330	1080		ug/Kg		81	51 - 120
2-Nitroaniline	1330	1210		ug/Kg		91	53 - 120
2-Nitrophenol	1330	1110		ug/Kg		84	51 - 120
3,3'-Dichlorobenzidine	2670	1460		ug/Kg		55	31 - 120
3-Nitroaniline	1330	926		ug/Kg		69	36 - 120
4,6-Dinitro-2-methylphenol	2670	1310		ug/Kg		49	10 - 120
4-Bromophenyl phenyl ether	1330	1140		ug/Kg		85	56 - 120
4-Chloro-3-methylphenol	1330	1100		ug/Kg		83	55 - 120
4-Chloroaniline	1330	565		ug/Kg		42	23 - 120
4-Chlorophenyl phenyl ether	1330	1070		ug/Kg		80	54 - 120
4-Nitroaniline	1330	1080		ug/Kg		81	46 - 120
4-Nitrophenol	2670	2370		ug/Kg		89	41 - 123
Acenaphthene	1330	1040		ug/Kg		78	56 - 120
Acenaphthylene	1330	1030		ug/Kg		78	54 - 120
Acetophenone	1330	1060		ug/Kg		79	53 - 120
Anthracene	1330	1100		ug/Kg		82	59 - 120
Atrazine	2670	2200		ug/Kg		83	56 - 136
Benzaldehyde	2670	1740		ug/Kg		65	50 - 120
Benzo[a]anthracene	1330	1100		ug/Kg		82	59 - 120
Benzo[a]pyrene	1330	1130		ug/Kg		85	54 - 120
Benzo[b]fluoranthene	1330	1100		ug/Kg		82	58 - 120
Benzo[g,h,i]perylene	1330	1150		ug/Kg		86	56 - 120
Benzo[k]fluoranthene	1330	1100		ug/Kg		83	59 - 120
Bis(2-chloroethoxy)methane	1330	1010		ug/Kg		76	53 - 120
Bis(2-chloroethyl)ether	1330	1030		ug/Kg		77	45 - 120
Bis(2-ethylhexyl) phthalate	1330	1110		ug/Kg		83	52 - 120
Butyl benzyl phthalate	1330	1120		ug/Kg		84	54 - 120
Caprolactam	2670	2260		ug/Kg		85	55 - 120

Method: 8270E - Semivolatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: LCS 240-629512/2-A
Matrix: Solid
Analysis Batch: 629724

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 629512

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Carbazole	1330	1190		ug/Kg		89	61 - 120
Chrysene	1330	1110		ug/Kg		84	58 - 120
Dibenz(a,h)anthracene	1330	995		ug/Kg		75	54 - 120
Dibenzofuran	1330	1050		ug/Kg		79	54 - 120
Diethyl phthalate	1330	1110		ug/Kg		83	58 - 120
Dimethyl phthalate	1330	1140		ug/Kg		85	58 - 120
Di-n-butyl phthalate	1330	1200		ug/Kg		90	54 - 124
Di-n-octyl phthalate	1330	1000		ug/Kg		75	53 - 120
Fluoranthene	1330	1160		ug/Kg		87	59 - 120
Fluorene	1330	1090		ug/Kg		82	56 - 120
Hexachlorobenzene	1330	1050		ug/Kg		79	51 - 120
Hexachlorobutadiene	1330	994		ug/Kg		75	46 - 120
Hexachlorocyclopentadiene	1330	199	J	ug/Kg		15	12 - 120
Hexachloroethane	1330	1030		ug/Kg		77	49 - 120
Indeno[1,2,3-cd]pyrene	1330	1160		ug/Kg		87	53 - 120
Isophorone	1330	1020		ug/Kg		76	52 - 120
N-Nitrosodi-n-propylamine	1330	1060		ug/Kg		80	52 - 120
N-Nitrosodiphenylamine	1330	1100		ug/Kg		83	58 - 120
Naphthalene	1330	1010		ug/Kg		76	54 - 120
Nitrobenzene	1330	1050		ug/Kg		79	52 - 120
Pentachlorophenol	2670	1960		ug/Kg		74	31 - 120
Phenanthrene	1330	1080		ug/Kg		81	57 - 120
Phenol	1330	1120		ug/Kg		84	48 - 120
Pyrene	1330	1110		ug/Kg		83	59 - 120
3 & 4 Methylphenol	1330	1120		ug/Kg		84	51 - 120

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
Terphenyl-d14 (Surr)	*71*		*37 - 120*
Phenol-d5 (Surr)	*78*		*29 - 120*
Nitrobenzene-d5 (Surr)	*72*		*28 - 120*
2-Fluorophenol (Surr)	*76*		*26 - 120*
2-Fluorobiphenyl (Surr)	*74*		*36 - 120*
2,4,6-Tribromophenol (Surr)	*76*		*10 - 120*

Lab Sample ID: 240-212357-14 MS
Matrix: Solid
Analysis Batch: 629724

Client Sample ID: T625-E-0.0
Prep Type: Total/NA
Prep Batch: 629512

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
1,1'-Biphenyl	ND		1860	1650		ug/Kg	☼	89	30 - 120
bis (2-chloroisopropyl) ether	ND		1860	1580		ug/Kg	☼	85	19 - 120
2,4,5-Trichlorophenol	ND		1860	1840		ug/Kg	☼	99	35 - 120
2,4,6-Trichlorophenol	ND		1860	1670		ug/Kg	☼	90	25 - 120
2,4-Dichlorophenol	ND		1860	1650		ug/Kg	☼	89	35 - 120
2,4-Dimethylphenol	ND		1860	985		ug/Kg	☼	53	20 - 120
2,4-Dinitrophenol	ND		3720	539		ug/Kg	☼	14	10 - 120
2,4-Dinitrotoluene	ND		1860	1840		ug/Kg	☼	99	24 - 122
2,6-Dinitrotoluene	ND		1860	1850		ug/Kg	☼	100	27 - 120

Method: 8270E - Semivolatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: 240-212357-14 MS
Matrix: Solid
Analysis Batch: 629724

Client Sample ID: T625-E-0.0
Prep Type: Total/NA
Prep Batch: 629512

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
2-Chloronaphthalene	ND		1860	1680		ug/Kg	☼	90	33 - 120
2-Chlorophenol	ND		1860	1570		ug/Kg	☼	85	33 - 120
2-Methylnaphthalene	40	J	1860	1670		ug/Kg	☼	88	18 - 120
2-Methylphenol	ND		1860	1520		ug/Kg	☼	82	30 - 120
2-Nitroaniline	ND		1860	1860		ug/Kg	☼	100	13 - 128
2-Nitrophenol	ND		1860	1710		ug/Kg	☼	92	21 - 120
3,3'-Dichlorobenzidine	ND	F1	3720	281	F1	ug/Kg	☼	8	10 - 143
3-Nitroaniline	ND		1860	1070		ug/Kg	☼	57	10 - 120
4,6-Dinitro-2-methylphenol	ND		3720	953		ug/Kg	☼	26	10 - 120
4-Bromophenyl phenyl ether	ND		1860	1630		ug/Kg	☼	88	39 - 120
4-Chloro-3-methylphenol	ND		1860	1700		ug/Kg	☼	91	26 - 120
4-Chloroaniline	ND		1860	945		ug/Kg	☼	51	19 - 120
4-Chlorophenyl phenyl ether	ND		1860	1740		ug/Kg	☼	93	37 - 120
4-Nitroaniline	ND		1860	1050		ug/Kg	☼	57	22 - 120
4-Nitrophenol	ND		3720	3620		ug/Kg	☼	97	18 - 124
Acenaphthene	ND		1860	1610		ug/Kg	☼	86	26 - 120
Acenaphthylene	ND		1860	1630		ug/Kg	☼	88	25 - 120
Acetophenone	ND		1860	1570		ug/Kg	☼	85	32 - 120
Anthracene	39	J	1860	1770		ug/Kg	☼	93	25 - 121
Atrazine	ND		3720	3550		ug/Kg	☼	95	43 - 130
Benzaldehyde	ND		3720	2410		ug/Kg	☼	65	27 - 120
Benzo[a]anthracene	210		1860	2040		ug/Kg	☼	98	21 - 130
Benzo[a]pyrene	260		1860	2110		ug/Kg	☼	100	12 - 131
Benzo[b]fluoranthene	470		1860	2390		ug/Kg	☼	103	14 - 134
Benzo[g,h,i]perylene	240		1860	1810		ug/Kg	☼	84	10 - 145
Benzo[k]fluoranthene	160		1860	1910		ug/Kg	☼	95	18 - 126
Bis(2-chloroethoxy)methane	ND		1860	1580		ug/Kg	☼	85	28 - 120
Bis(2-chloroethyl)ether	ND		1860	1530		ug/Kg	☼	82	23 - 120
Bis(2-ethylhexyl) phthalate	ND		1860	2040		ug/Kg	☼	110	24 - 131
Butyl benzyl phthalate	ND		1860	1950		ug/Kg	☼	105	41 - 120
Caprolactam	ND		3720	2740		ug/Kg	☼	74	28 - 120
Carbazole	55	J	1860	1800		ug/Kg	☼	94	40 - 120
Chrysene	340		1860	2020		ug/Kg	☼	90	20 - 126
Dibenz(a,h)anthracene	55		1860	1530		ug/Kg	☼	79	10 - 141
Dibenzofuran	ND		1860	1640		ug/Kg	☼	88	35 - 120
Diethyl phthalate	ND		1860	1730		ug/Kg	☼	93	33 - 120
Dimethyl phthalate	ND		1860	1730		ug/Kg	☼	93	15 - 120
Di-n-butyl phthalate	ND		1860	1850		ug/Kg	☼	99	25 - 132
Di-n-octyl phthalate	ND		1860	1850		ug/Kg	☼	99	37 - 120
Fluoranthene	540		1860	2330		ug/Kg	☼	97	18 - 139
Fluorene	ND		1860	1730		ug/Kg	☼	93	29 - 120
Hexachlorobenzene	ND		1860	1560		ug/Kg	☼	84	36 - 120
Hexachlorobutadiene	ND		1860	1520		ug/Kg	☼	82	18 - 120
Hexachlorocyclopentadiene	ND	F1	1860	ND	F1	ug/Kg	☼	0	10 - 120
Hexachloroethane	ND		1860	770		ug/Kg	☼	41	14 - 120
Indeno[1,2,3-cd]pyrene	190		1860	1920		ug/Kg	☼	93	10 - 143
Isophorone	ND		1860	1580		ug/Kg	☼	85	33 - 120
N-Nitrosodi-n-propylamine	ND		1860	1570		ug/Kg	☼	84	33 - 120
N-Nitrosodiphenylamine	ND		1860	1590		ug/Kg	☼	86	35 - 120

Method: 8270E - Semivolatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: 240-212357-14 MS
Matrix: Solid
Analysis Batch: 629724

Client Sample ID: T625-E-0.0
Prep Type: Total/NA
Prep Batch: 629512

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Naphthalene	32	J	1860	1550		ug/Kg	☼	81	17 - 120
Nitrobenzene	ND		1860	1540		ug/Kg	☼	83	25 - 120
Pentachlorophenol	ND		3720	2610		ug/Kg	☼	70	10 - 120
Phenanthrene	200		1860	1890		ug/Kg	☼	91	18 - 122
Phenol	ND		1860	1580		ug/Kg	☼	85	29 - 120
Pyrene	440		1860	2180		ug/Kg	☼	93	18 - 136
3 & 4 Methylphenol	ND		1860	1570		ug/Kg	☼	84	30 - 120

Surrogate	*MS %Recovery*	*MS Qualifier*	*Limits*
Terphenyl-d14 (Surr)	*83*		*37 - 120*
Phenol-d5 (Surr)	*86*		*29 - 120*
Nitrobenzene-d5 (Surr)	*80*		*28 - 120*
2-Fluorophenol (Surr)	*83*		*26 - 120*
2-Fluorobiphenyl (Surr)	*88*		*36 - 120*
2,4,6-Tribromophenol (Surr)	*96*		*10 - 120*

Lab Sample ID: 240-212357-14 MSD
Matrix: Solid
Analysis Batch: 629724

Client Sample ID: T625-E-0.0
Prep Type: Total/NA
Prep Batch: 629512

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
1,1'-Biphenyl	ND		1860	1630		ug/Kg	☼	88	30 - 120	1	40
bis (2-chloroisopropyl) ether	ND		1860	1520		ug/Kg	☼	82	19 - 120	4	40
2,4,5-Trichlorophenol	ND		1860	1750		ug/Kg	☼	94	35 - 120	5	40
2,4,6-Trichlorophenol	ND		1860	1630		ug/Kg	☼	88	25 - 120	3	40
2,4-Dichlorophenol	ND		1860	1650		ug/Kg	☼	89	35 - 120	0	40
2,4-Dimethylphenol	ND		1860	922		ug/Kg	☼	50	20 - 120	7	40
2,4-Dinitrophenol	ND		3710	462		ug/Kg	☼	12	10 - 120	15	40
2,4-Dinitrotoluene	ND		1860	1800		ug/Kg	☼	97	24 - 122	2	40
2,6-Dinitrotoluene	ND		1860	1790		ug/Kg	☼	96	27 - 120	4	40
2-Chloronaphthalene	ND		1860	1600		ug/Kg	☼	86	33 - 120	5	40
2-Chlorophenol	ND		1860	1470		ug/Kg	☼	79	33 - 120	7	40
2-Methylnaphthalene	40	J	1860	1680		ug/Kg	☼	88	18 - 120	0	40
2-Methylphenol	ND		1860	1410		ug/Kg	☼	76	30 - 120	7	40
2-Nitroaniline	ND		1860	1810		ug/Kg	☼	97	13 - 128	2	40
2-Nitrophenol	ND		1860	1700		ug/Kg	☼	92	21 - 120	1	40
3,3'-Dichlorobenzidine	ND	F1	3710	ND	F1	ug/Kg	☼	0	10 - 143	NC	40
3-Nitroaniline	ND		1860	844		ug/Kg	☼	45	10 - 120	23	40
4,6-Dinitro-2-methylphenol	ND		3710	844		ug/Kg	☼	23	10 - 120	12	40
4-Bromophenyl phenyl ether	ND		1860	1640		ug/Kg	☼	88	39 - 120	0	40
4-Chloro-3-methylphenol	ND		1860	1610		ug/Kg	☼	87	26 - 120	5	40
4-Chloroaniline	ND		1860	949		ug/Kg	☼	51	19 - 120	0	40
4-Chlorophenyl phenyl ether	ND		1860	1650		ug/Kg	☼	89	37 - 120	5	40
4-Nitroaniline	ND		1860	786		ug/Kg	☼	42	22 - 120	29	40
4-Nitrophenol	ND		3710	3460		ug/Kg	☼	93	18 - 124	5	40
Acenaphthene	ND		1860	1570		ug/Kg	☼	85	26 - 120	2	40
Acenaphthylene	ND		1860	1600		ug/Kg	☼	86	25 - 120	2	40
Acetophenone	ND		1860	1520		ug/Kg	☼	82	32 - 120	3	40

Method: 8270E - Semivolatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: 240-212357-14 MSD
Matrix: Solid
Analysis Batch: 629724

Client Sample ID: T625-E-0.0
Prep Type: Total/NA
Prep Batch: 629512

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Anthracene	39	J	1860	1710		ug/Kg	☼	90	25 - 121	3	40
Atrazine	ND		3710	3240		ug/Kg	☼	87	43 - 130	9	40
Benzaldehyde	ND		3710	2220		ug/Kg	☼	60	27 - 120	8	40
Benzo[a]anthracene	210		1860	1950		ug/Kg	☼	94	21 - 130	4	40
Benzo[a]pyrene	260		1860	1890		ug/Kg	☼	88	12 - 131	11	40
Benzo[b]fluoranthene	470		1860	2290		ug/Kg	☼	98	14 - 134	4	40
Benzo[g,h,i]perylene	240		1860	1530		ug/Kg	☼	69	10 - 145	17	40
Benzo[k]fluoranthene	160		1860	1820		ug/Kg	☼	89	18 - 126	5	40
Bis(2-chloroethoxy)methane	ND		1860	1600		ug/Kg	☼	86	28 - 120	1	40
Bis(2-chloroethyl)ether	ND		1860	1500		ug/Kg	☼	81	23 - 120	2	40
Bis(2-ethylhexyl) phthalate	ND		1860	1960		ug/Kg	☼	105	24 - 131	4	40
Butyl benzyl phthalate	ND		1860	1830		ug/Kg	☼	99	41 - 120	6	40
Caprolactam	ND		3710	2490		ug/Kg	☼	67	28 - 120	10	35
Carbazole	55	J	1860	1720		ug/Kg	☼	90	40 - 120	5	40
Chrysene	340		1860	2010		ug/Kg	☼	90	20 - 126	0	40
Dibenz(a,h)anthracene	55		1860	1390		ug/Kg	☼	72	10 - 141	9	40
Dibenzofuran	ND		1860	1600		ug/Kg	☼	86	35 - 120	3	40
Diethyl phthalate	ND		1860	1660		ug/Kg	☼	89	33 - 120	5	40
Dimethyl phthalate	ND		1860	1700		ug/Kg	☼	92	15 - 120	2	40
Di-n-butyl phthalate	ND		1860	1790		ug/Kg	☼	96	25 - 132	3	40
Di-n-octyl phthalate	ND		1860	1730		ug/Kg	☼	93	37 - 120	6	40
Fluoranthene	540		1860	2350		ug/Kg	☼	98	18 - 139	1	40
Fluorene	ND		1860	1660		ug/Kg	☼	89	29 - 120	4	40
Hexachlorobenzene	ND		1860	1540		ug/Kg	☼	83	36 - 120	1	40
Hexachlorobutadiene	ND		1860	1430		ug/Kg	☼	77	18 - 120	6	40
Hexachlorocyclopentadiene	ND	F1	1860	ND	F1	ug/Kg	☼	0	10 - 120	NC	40
Hexachloroethane	ND		1860	686		ug/Kg	☼	37	14 - 120	12	40
Indeno[1,2,3-cd]pyrene	190		1860	1660		ug/Kg	☼	79	10 - 143	15	40
Isophorone	ND		1860	1570		ug/Kg	☼	85	33 - 120	0	40
N-Nitrosodi-n-propylamine	ND		1860	1480		ug/Kg	☼	80	33 - 120	6	40
N-Nitrosodiphenylamine	ND		1860	1570		ug/Kg	☼	85	35 - 120	1	40
Naphthalene	32	J	1860	1570		ug/Kg	☼	83	17 - 120	1	40
Nitrobenzene	ND		1860	1550		ug/Kg	☼	84	25 - 120	1	40
Pentachlorophenol	ND		3710	2810		ug/Kg	☼	76	10 - 120	7	40
Phenanthrene	200		1860	1870		ug/Kg	☼	90	18 - 122	1	40
Phenol	ND		1860	1530		ug/Kg	☼	82	29 - 120	3	40
Pyrene	440		1860	2110		ug/Kg	☼	90	18 - 136	3	40
3 & 4 Methylphenol	ND		1860	1460		ug/Kg	☼	79	30 - 120	7	40

Surrogate	*MSD %Recovery*	*MSD Qualifier*	*Limits*
Terphenyl-d14 (Surr)	*76*		*37 - 120*
Phenol-d5 (Surr)	*77*		*29 - 120*
Nitrobenzene-d5 (Surr)	*76*		*28 - 120*
2-Fluorophenol (Surr)	*79*		*26 - 120*
2-Fluorobiphenyl (Surr)	*81*		*36 - 120*
2,4,6-Tribromophenol (Surr)	*89*		*10 - 120*

Method: 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Lab Sample ID: MB 240-629515/1-A
Matrix: Solid
Analysis Batch: 629518

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 629515

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aroclor-1016	ND		50	25	ug/Kg		10/04/24 08:58	10/04/24 20:12	1
Aroclor-1221	ND		50	30	ug/Kg		10/04/24 08:58	10/04/24 20:12	1
Aroclor-1232	ND		50	21	ug/Kg		10/04/24 08:58	10/04/24 20:12	1
Aroclor-1242	ND		50	19	ug/Kg		10/04/24 08:58	10/04/24 20:12	1
Aroclor-1248	ND		50	17	ug/Kg		10/04/24 08:58	10/04/24 20:12	1
Aroclor-1254	ND		50	21	ug/Kg		10/04/24 08:58	10/04/24 20:12	1
Aroclor-1260	ND		50	21	ug/Kg		10/04/24 08:58	10/04/24 20:12	1
Aroclor-1262	ND		50	22	ug/Kg		10/04/24 08:58	10/04/24 20:12	1
Aroclor-1268	ND		50	16	ug/Kg		10/04/24 08:58	10/04/24 20:12	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Tetrachloro-m-xylene	*80*		*10 - 149*	*10/04/24 08:58*	*10/04/24 20:12*	*1*
DCB Decachlorobiphenyl	*83*		*10 - 174*	*10/04/24 08:58*	*10/04/24 20:12*	*1*

Lab Sample ID: LCS 240-629515/2-A
Matrix: Solid
Analysis Batch: 629518

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 629515

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
Aroclor-1016			1000	663		ug/Kg		66	28 - 140		
Aroclor-1260			1000	709		ug/Kg		71	39 - 153		

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
Tetrachloro-m-xylene	*66*		*10 - 149*
DCB Decachlorobiphenyl	*84*		*10 - 174*

Lab Sample ID: 240-212357-14 MS
Matrix: Solid
Analysis Batch: 629518

Client Sample ID: T625-E-0.0
Prep Type: Total/NA
Prep Batch: 629515

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits		
Aroclor-1016	ND		1390	783		ug/Kg	☼	56	10 - 146		
Aroclor-1260	ND		1390	748		ug/Kg	☼	54	10 - 158		

Surrogate	*MS %Recovery*	*MS Qualifier*	*Limits*
Tetrachloro-m-xylene	*58*		*10 - 149*
DCB Decachlorobiphenyl	*53*		*10 - 174*

Lab Sample ID: 240-212357-14 MSD
Matrix: Solid
Analysis Batch: 629518

Client Sample ID: T625-E-0.0
Prep Type: Total/NA
Prep Batch: 629515

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Aroclor-1016	ND		1390	943		ug/Kg	☼	68	10 - 146	19	40
Aroclor-1260	ND		1390	980		ug/Kg	☼	71	10 - 158	27	40

Method: 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography (Continued)

Lab Sample ID: 240-212357-14 MSD
Matrix: Solid
Analysis Batch: 629518

Client Sample ID: T625-E-0.0
Prep Type: Total/NA
Prep Batch: 629515

Surrogate	MSD %Recovery	MSD Qualifier	Limits
Tetrachloro-m-xylene	*75*		*10 - 149*
DCB Decachlorobiphenyl	*79*		*10 - 174*

Method: 6010D - Metals (ICP)

Lab Sample ID: MB 240-629576/1-A
Matrix: Solid
Analysis Batch: 629651

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 629576

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	ND		1.5	0.32	mg/Kg		10/04/24 15:00	10/05/24 22:25	1
Barium	ND		20	0.13	mg/Kg		10/04/24 15:00	10/05/24 22:25	1
Cadmium	ND		0.50	0.048	mg/Kg		10/04/24 15:00	10/05/24 22:25	1
Chromium	ND		1.0	0.34	mg/Kg		10/04/24 15:00	10/05/24 22:25	1
Copper	ND		2.5	0.70	mg/Kg		10/04/24 15:00	10/05/24 22:25	1
Lead	ND		1.0	0.28	mg/Kg		10/04/24 15:00	10/05/24 22:25	1
Selenium	ND		2.0	0.47	mg/Kg		10/04/24 15:00	10/05/24 22:25	1
Silver	ND		1.0	0.081	mg/Kg		10/04/24 15:00	10/05/24 22:25	1
Zinc	ND		5.0	3.6	mg/Kg		10/04/24 15:00	10/05/24 22:25	1

Lab Sample ID: LCS 240-629576/2-A
Matrix: Solid
Analysis Batch: 629651

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 629576

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Arsenic	200	193		mg/Kg		96	80 - 120
Barium	200	193		mg/Kg		97	80 - 120
Cadmium	100	93.1		mg/Kg		93	80 - 120
Chromium	100	94.6		mg/Kg		95	80 - 120
Copper	100	98.9		mg/Kg		99	80 - 120
Lead	100	91.6		mg/Kg		92	80 - 120
Selenium	200	193		mg/Kg		96	80 - 120
Silver	10.0	9.49		mg/Kg		95	80 - 120
Zinc	100	93.9		mg/Kg		94	80 - 120

Lab Sample ID: 240-212357-14 MS
Matrix: Solid
Analysis Batch: 629651

Client Sample ID: T625-E-0.0
Prep Type: Total/NA
Prep Batch: 629576

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Arsenic	11		264	248		mg/Kg	☼	90	75 - 125
Barium	60		264	310		mg/Kg	☼	94	75 - 125
Cadmium	0.41	J	132	115		mg/Kg	☼	87	75 - 125
Chromium	17		132	137		mg/Kg	☼	91	75 - 125
Copper	26		132	152		mg/Kg	☼	96	75 - 125
Lead	26		132	137		mg/Kg	☼	84	75 - 125
Selenium	0.87	J	264	233		mg/Kg	☼	88	75 - 125
Silver	ND		13.2	11.9		mg/Kg	☼	90	75 - 125
Zinc	210		132	342		mg/Kg	☼	98	75 - 125

Method: 6010D - Metals (ICP) (Continued)

Lab Sample ID: 240-212357-14 MSD
Matrix: Solid
Analysis Batch: 629651

Client Sample ID: T625-E-0.0
Prep Type: Total/NA
Prep Batch: 629576

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Arsenic	11		264	250		mg/Kg	☼	90	75 - 125	1	20
Barium	60		264	311		mg/Kg	☼	95	75 - 125	0	20
Cadmium	0.41	J	132	115		mg/Kg	☼	87	75 - 125	0	20
Chromium	17		132	136		mg/Kg	☼	90	75 - 125	1	20
Copper	26		132	152		mg/Kg	☼	96	75 - 125	0	20
Lead	26		132	136		mg/Kg	☼	83	75 - 125	1	20
Selenium	0.87	J	264	237		mg/Kg	☼	90	75 - 125	2	20
Silver	ND		13.2	12.0		mg/Kg	☼	91	75 - 125	0	20
Zinc	210		132	350		mg/Kg	☼	104	75 - 125	2	20

Method: 7471B - Mercury (CVAA)

Lab Sample ID: MB 240-629577/1-A
Matrix: Solid
Analysis Batch: 629794

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 629577

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	ND		0.10	0.018	mg/Kg		10/04/24 15:00	10/07/24 11:00	1

Lab Sample ID: LCS 240-629577/2-A
Matrix: Solid
Analysis Batch: 629794

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 629577

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Mercury	0.833	0.879		mg/Kg		106	80 - 120

Lab Sample ID: 240-212357-14 MS
Matrix: Solid
Analysis Batch: 629794

Client Sample ID: T625-E-0.0
Prep Type: Total/NA
Prep Batch: 629577

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Mercury	0.083	J	0.241	0.321		mg/Kg	☼	99	80 - 120

Lab Sample ID: 240-212357-14 MSD
Matrix: Solid
Analysis Batch: 629794

Client Sample ID: T625-E-0.0
Prep Type: Total/NA
Prep Batch: 629577

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Mercury	0.083	J	0.241	0.334		mg/Kg	☼	104	80 - 120	4	20

Method: 9012B - Cyanide, Total andor Amenable

Lab Sample ID: MB 240-629526/1-A
Matrix: Solid
Analysis Batch: 629581

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 629526

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cyanide, Total	ND		0.57	0.45	mg/Kg		10/04/24 09:32	10/04/24 11:23	1

Method: 9012B - Cyanide, Total andor Amenable (Continued)

Lab Sample ID: LCS 240-629526/2-A
Matrix: Solid
Analysis Batch: 629581

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 629526

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
Cyanide, Total			6.77	5.26		mg/Kg		78	65 - 128		

Lab Sample ID: 240-212357-14 MS
Matrix: Solid
Analysis Batch: 629581

Client Sample ID: T625-E-0.0
Prep Type: Total/NA
Prep Batch: 629526

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits		
Cyanide, Total	10		1.34	2.30	4	mg/Kg	☼	-572	24 - 140		

Lab Sample ID: 240-212357-14 MSD
Matrix: Solid
Analysis Batch: 629581

Client Sample ID: T625-E-0.0
Prep Type: Total/NA
Prep Batch: 629526

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Cyanide, Total	10		1.34	2.75	4	mg/Kg	☼	-539	24 - 140	18	40

Lab Sample ID: MB 240-629719/1-A
Matrix: Solid
Analysis Batch: 629821

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 629719

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cyanide, Total	ND		0.52	0.41	mg/Kg		10/07/24 08:58	10/07/24 13:49	1

Lab Sample ID: LCS 240-629719/2-A
Matrix: Solid
Analysis Batch: 629821

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 629719

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
Cyanide, Total			8.18	8.29		mg/Kg		101	65 - 128		

Lab Sample ID: 240-212357-11 MS
Matrix: Solid
Analysis Batch: 629821

Client Sample ID: T625-C-0.0
Prep Type: Total/NA
Prep Batch: 629719

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits		
Cyanide, Total	160		1.34	200	4	mg/Kg	☼	3215	24 - 140		

Lab Sample ID: 240-212357-11 MSD
Matrix: Solid
Analysis Batch: 629821

Client Sample ID: T625-C-0.0
Prep Type: Total/NA
Prep Batch: 629719

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Cyanide, Total	160		1.24	144	4	mg/Kg	☼	-1042	24 - 140	33	40

Client: August Mack Environmental, Inc.
Project/Site: MSC Canfield - Soil

Job ID: 240-212357-1

Method: Moisture - Percent Moisture

Lab Sample ID: 240-212357-1 DU
Matrix: Solid
Analysis Batch: 629429

Client Sample ID: T125-C-0.0
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier		DU Result	DU Qualifier	Unit	D			RPD	RPD Limit
Percent Solids	64.7			63.9		%				1	20
Percent Moisture	35.3			36.1		%				2	20

Lab Sample ID: 240-212357-14 DU
Matrix: Solid
Analysis Batch: 629429

Client Sample ID: T625-E-0.0
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier		DU Result	DU Qualifier	Unit	D			RPD	RPD Limit
Percent Solids	71.4			70.9		%				0.7	20
Percent Moisture	28.6			29.1		%				2	20

GC/MS VOA

Analysis Batch: 629507

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
240-212357-1	T125-C-0.0	Total/NA	Solid	8260D	629568
240-212357-2	T250-E-0.0	Total/NA	Solid	8260D	629568
240-212357-3	T250-W-0.0	Total/NA	Solid	8260D	629568
240-212357-4	T250-C-0.0	Total/NA	Solid	8260D	629568
240-212357-5	T375-E-0.0	Total/NA	Solid	8260D	629568
240-212357-6	T375-W-0.0	Total/NA	Solid	8260D	629568
240-212357-7	T500-E-0.0	Total/NA	Solid	8260D	629568
240-212357-8	T500-W-0.0	Total/NA	Solid	8260D	629568
240-212357-14	T625-E-0.0	Total/NA	Solid	8260D	629568
MB 240-629507/7	Method Blank	Total/NA	Solid	8260D	
LCS 240-629507/5	Lab Control Sample	Total/NA	Solid	8260D	
240-212357-14 MS	T625-E-0.0	Total/NA	Solid	8260D	629568
240-212357-14 MSD	T625-E-0.0	Total/NA	Solid	8260D	629568

Prep Batch: 629568

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
240-212357-1	T125-C-0.0	Total/NA	Solid	5030C	
240-212357-2	T250-E-0.0	Total/NA	Solid	5030C	
240-212357-3	T250-W-0.0	Total/NA	Solid	5030C	
240-212357-4	T250-C-0.0	Total/NA	Solid	5030C	
240-212357-5	T375-E-0.0	Total/NA	Solid	5030C	
240-212357-6	T375-W-0.0	Total/NA	Solid	5030C	
240-212357-7	T500-E-0.0	Total/NA	Solid	5030C	
240-212357-8	T500-W-0.0	Total/NA	Solid	5030C	
240-212357-14	T625-E-0.0	Total/NA	Solid	5030C	
240-212357-14 MS	T625-E-0.0	Total/NA	Solid	5030C	
240-212357-14 MSD	T625-E-0.0	Total/NA	Solid	5030C	

Analysis Batch: 629575

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
240-212357-9	DUP-1-20241003	Total/NA	Solid	8260D	629589
240-212357-10	T625-W-0.0	Total/NA	Solid	8260D	629589
240-212357-11	T625-C-0.0	Total/NA	Solid	8260D	629589
240-212357-12	T750-E-0.0	Total/NA	Solid	8260D	629589
240-212357-13	T750-W-0.0	Total/NA	Solid	8260D	629589
240-212357-15	DUP-2-20241003	Total/NA	Solid	8260D	629589
MB 240-629575/9	Method Blank	Total/NA	Solid	8260D	
LCS 240-629575/5	Lab Control Sample	Total/NA	Solid	8260D	
240-212357-15 MS	DUP-2-20241003	Total/NA	Solid	8260D	629589
240-212357-15 MSD	DUP-2-20241003	Total/NA	Solid	8260D	629589

Prep Batch: 629589

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
240-212357-9	DUP-1-20241003	Total/NA	Solid	5030C	
240-212357-10	T625-W-0.0	Total/NA	Solid	5030C	
240-212357-11	T625-C-0.0	Total/NA	Solid	5030C	
240-212357-12	T750-E-0.0	Total/NA	Solid	5030C	
240-212357-13	T750-W-0.0	Total/NA	Solid	5030C	
240-212357-15	DUP-2-20241003	Total/NA	Solid	5030C	
240-212357-15 MS	DUP-2-20241003	Total/NA	Solid	5030C	
240-212357-15 MSD	DUP-2-20241003	Total/NA	Solid	5030C	

QC Association Summary

Client: August Mack Environmental, Inc.
Project/Site: MSC Canfield - Soil

Job ID: 240-212357-1

GC/MS VOA

Analysis Batch: 629629

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
240-212357-16	TB-2-20241003	Total/NA	Water	8260D	
MB 240-629629/8	Method Blank	Total/NA	Water	8260D	
LCS 240-629629/5	Lab Control Sample	Total/NA	Water	8260D	

GC/MS Semi VOA

Prep Batch: 629512

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
240-212357-1	T125-C-0.0	Total/NA	Solid	3546	
240-212357-2	T250-E-0.0	Total/NA	Solid	3546	
240-212357-3 - RA	T250-W-0.0	Total/NA	Solid	3546	
240-212357-3	T250-W-0.0	Total/NA	Solid	3546	
240-212357-4 - RA	T250-C-0.0	Total/NA	Solid	3546	
240-212357-4	T250-C-0.0	Total/NA	Solid	3546	
240-212357-5 - RA	T375-E-0.0	Total/NA	Solid	3546	
240-212357-5	T375-E-0.0	Total/NA	Solid	3546	
240-212357-6	T375-W-0.0	Total/NA	Solid	3546	
240-212357-7	T500-E-0.0	Total/NA	Solid	3546	
240-212357-8	T500-W-0.0	Total/NA	Solid	3546	
240-212357-9	DUP-1-20241003	Total/NA	Solid	3546	
240-212357-10	T625-W-0.0	Total/NA	Solid	3546	
240-212357-11	T625-C-0.0	Total/NA	Solid	3546	
240-212357-12	T750-E-0.0	Total/NA	Solid	3546	
240-212357-13	T750-W-0.0	Total/NA	Solid	3546	
240-212357-14	T625-E-0.0	Total/NA	Solid	3546	
240-212357-15	DUP-2-20241003	Total/NA	Solid	3546	
MB 240-629512/1-A	Method Blank	Total/NA	Solid	3546	
LCS 240-629512/2-A	Lab Control Sample	Total/NA	Solid	3546	
240-212357-14 MS	T625-E-0.0	Total/NA	Solid	3546	
240-212357-14 MSD	T625-E-0.0	Total/NA	Solid	3546	

Analysis Batch: 629724

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
240-212357-1	T125-C-0.0	Total/NA	Solid	8270E	629512
240-212357-2	T250-E-0.0	Total/NA	Solid	8270E	629512
240-212357-3	T250-W-0.0	Total/NA	Solid	8270E	629512
240-212357-4	T250-C-0.0	Total/NA	Solid	8270E	629512
240-212357-5	T375-E-0.0	Total/NA	Solid	8270E	629512
240-212357-6	T375-W-0.0	Total/NA	Solid	8270E	629512
240-212357-7	T500-E-0.0	Total/NA	Solid	8270E	629512
240-212357-8	T500-W-0.0	Total/NA	Solid	8270E	629512
240-212357-9	DUP-1-20241003	Total/NA	Solid	8270E	629512
240-212357-10	T625-W-0.0	Total/NA	Solid	8270E	629512
240-212357-11	T625-C-0.0	Total/NA	Solid	8270E	629512
240-212357-12	T750-E-0.0	Total/NA	Solid	8270E	629512
240-212357-13	T750-W-0.0	Total/NA	Solid	8270E	629512
240-212357-14	T625-E-0.0	Total/NA	Solid	8270E	629512
240-212357-15	DUP-2-20241003	Total/NA	Solid	8270E	629512
MB 240-629512/1-A	Method Blank	Total/NA	Solid	8270E	629512
LCS 240-629512/2-A	Lab Control Sample	Total/NA	Solid	8270E	629512
240-212357-14 MS	T625-E-0.0	Total/NA	Solid	8270E	629512

GC/MS Semi VOA (Continued)

Analysis Batch: 629724 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
240-212357-14 MSD	T625-E-0.0	Total/NA	Solid	8270E	629512

Analysis Batch: 629877

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
240-212357-3 - RA	T250-W-0.0	Total/NA	Solid	8270E	629512
240-212357-4 - RA	T250-C-0.0	Total/NA	Solid	8270E	629512
240-212357-5 - RA	T375-E-0.0	Total/NA	Solid	8270E	629512

GC Semi VOA

Prep Batch: 629515

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
240-212357-1	T125-C-0.0	Total/NA	Solid	3546	
240-212357-2	T250-E-0.0	Total/NA	Solid	3546	
240-212357-3	T250-W-0.0	Total/NA	Solid	3546	
240-212357-4	T250-C-0.0	Total/NA	Solid	3546	
240-212357-5	T375-E-0.0	Total/NA	Solid	3546	
240-212357-6	T375-W-0.0	Total/NA	Solid	3546	
240-212357-7	T500-E-0.0	Total/NA	Solid	3546	
240-212357-8	T500-W-0.0	Total/NA	Solid	3546	
240-212357-9	DUP-1-20241003	Total/NA	Solid	3546	
240-212357-10	T625-W-0.0	Total/NA	Solid	3546	
240-212357-11	T625-C-0.0	Total/NA	Solid	3546	
240-212357-12	T750-E-0.0	Total/NA	Solid	3546	
240-212357-13	T750-W-0.0	Total/NA	Solid	3546	
240-212357-14	T625-E-0.0	Total/NA	Solid	3546	
240-212357-15	DUP-2-20241003	Total/NA	Solid	3546	
MB 240-629515/1-A	Method Blank	Total/NA	Solid	3546	
LCS 240-629515/2-A	Lab Control Sample	Total/NA	Solid	3546	
240-212357-14 MS	T625-E-0.0	Total/NA	Solid	3546	
240-212357-14 MSD	T625-E-0.0	Total/NA	Solid	3546	

Analysis Batch: 629518

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
240-212357-1	T125-C-0.0	Total/NA	Solid	8082A	629515
240-212357-2	T250-E-0.0	Total/NA	Solid	8082A	629515
240-212357-3	T250-W-0.0	Total/NA	Solid	8082A	629515
240-212357-4	T250-C-0.0	Total/NA	Solid	8082A	629515
240-212357-5	T375-E-0.0	Total/NA	Solid	8082A	629515
240-212357-7	T500-E-0.0	Total/NA	Solid	8082A	629515
240-212357-8	T500-W-0.0	Total/NA	Solid	8082A	629515
240-212357-9	DUP-1-20241003	Total/NA	Solid	8082A	629515
240-212357-10	T625-W-0.0	Total/NA	Solid	8082A	629515
240-212357-11	T625-C-0.0	Total/NA	Solid	8082A	629515
240-212357-12	T750-E-0.0	Total/NA	Solid	8082A	629515
240-212357-13	T750-W-0.0	Total/NA	Solid	8082A	629515
240-212357-14	T625-E-0.0	Total/NA	Solid	8082A	629515
240-212357-15	DUP-2-20241003	Total/NA	Solid	8082A	629515
MB 240-629515/1-A	Method Blank	Total/NA	Solid	8082A	629515
LCS 240-629515/2-A	Lab Control Sample	Total/NA	Solid	8082A	629515
240-212357-14 MS	T625-E-0.0	Total/NA	Solid	8082A	629515

GC Semi VOA (Continued)

Analysis Batch: 629518 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
240-212357-14 MSD	T625-E-0.0	Total/NA	Solid	8082A	629515

Analysis Batch: 629698

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
240-212357-6	T375-W-0.0	Total/NA	Solid	8082A	629515

Metals

Prep Batch: 629576

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
240-212357-1	T125-C-0.0	Total/NA	Solid	3050B	
240-212357-2	T250-E-0.0	Total/NA	Solid	3050B	
240-212357-3	T250-W-0.0	Total/NA	Solid	3050B	
240-212357-4	T250-C-0.0	Total/NA	Solid	3050B	
240-212357-5	T375-E-0.0	Total/NA	Solid	3050B	
240-212357-6	T375-W-0.0	Total/NA	Solid	3050B	
240-212357-7	T500-E-0.0	Total/NA	Solid	3050B	
240-212357-8	T500-W-0.0	Total/NA	Solid	3050B	
240-212357-9	DUP-1-20241003	Total/NA	Solid	3050B	
240-212357-10	T625-W-0.0	Total/NA	Solid	3050B	
240-212357-11	T625-C-0.0	Total/NA	Solid	3050B	
240-212357-12	T750-E-0.0	Total/NA	Solid	3050B	
240-212357-13	T750-W-0.0	Total/NA	Solid	3050B	
240-212357-14	T625-E-0.0	Total/NA	Solid	3050B	
240-212357-15	DUP-2-20241003	Total/NA	Solid	3050B	
MB 240-629576/1-A	Method Blank	Total/NA	Solid	3050B	
LCS 240-629576/2-A	Lab Control Sample	Total/NA	Solid	3050B	
240-212357-14 MS	T625-E-0.0	Total/NA	Solid	3050B	
240-212357-14 MSD	T625-E-0.0	Total/NA	Solid	3050B	

Prep Batch: 629577

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
240-212357-1	T125-C-0.0	Total/NA	Solid	7471B	
240-212357-2	T250-E-0.0	Total/NA	Solid	7471B	
240-212357-3	T250-W-0.0	Total/NA	Solid	7471B	
240-212357-4	T250-C-0.0	Total/NA	Solid	7471B	
240-212357-5	T375-E-0.0	Total/NA	Solid	7471B	
240-212357-6	T375-W-0.0	Total/NA	Solid	7471B	
240-212357-7	T500-E-0.0	Total/NA	Solid	7471B	
240-212357-8	T500-W-0.0	Total/NA	Solid	7471B	
240-212357-9	DUP-1-20241003	Total/NA	Solid	7471B	
240-212357-10	T625-W-0.0	Total/NA	Solid	7471B	
240-212357-11	T625-C-0.0	Total/NA	Solid	7471B	
240-212357-12	T750-E-0.0	Total/NA	Solid	7471B	
240-212357-13	T750-W-0.0	Total/NA	Solid	7471B	
240-212357-14	T625-E-0.0	Total/NA	Solid	7471B	
240-212357-15	DUP-2-20241003	Total/NA	Solid	7471B	
MB 240-629577/1-A	Method Blank	Total/NA	Solid	7471B	
LCS 240-629577/2-A	Lab Control Sample	Total/NA	Solid	7471B	
240-212357-14 MS	T625-E-0.0	Total/NA	Solid	7471B	
240-212357-14 MSD	T625-E-0.0	Total/NA	Solid	7471B	

Metals

Analysis Batch: 629651

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
240-212357-1	T125-C-0.0	Total/NA	Solid	6010D	629576
240-212357-2	T250-E-0.0	Total/NA	Solid	6010D	629576
240-212357-3	T250-W-0.0	Total/NA	Solid	6010D	629576
240-212357-4	T250-C-0.0	Total/NA	Solid	6010D	629576
240-212357-5	T375-E-0.0	Total/NA	Solid	6010D	629576
240-212357-6	T375-W-0.0	Total/NA	Solid	6010D	629576
240-212357-7	T500-E-0.0	Total/NA	Solid	6010D	629576
240-212357-8	T500-W-0.0	Total/NA	Solid	6010D	629576
240-212357-9	DUP-1-20241003	Total/NA	Solid	6010D	629576
240-212357-10	T625-W-0.0	Total/NA	Solid	6010D	629576
240-212357-11	T625-C-0.0	Total/NA	Solid	6010D	629576
240-212357-12	T750-E-0.0	Total/NA	Solid	6010D	629576
240-212357-13	T750-W-0.0	Total/NA	Solid	6010D	629576
240-212357-14	T625-E-0.0	Total/NA	Solid	6010D	629576
240-212357-15	DUP-2-20241003	Total/NA	Solid	6010D	629576
MB 240-629576/1-A	Method Blank	Total/NA	Solid	6010D	629576
LCS 240-629576/2-A	Lab Control Sample	Total/NA	Solid	6010D	629576
240-212357-14 MS	T625-E-0.0	Total/NA	Solid	6010D	629576
240-212357-14 MSD	T625-E-0.0	Total/NA	Solid	6010D	629576

Analysis Batch: 629669

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
240-212357-1	T125-C-0.0	Total/NA	Solid	6010D	629576
240-212357-2	T250-E-0.0	Total/NA	Solid	6010D	629576
240-212357-3	T250-W-0.0	Total/NA	Solid	6010D	629576
240-212357-4	T250-C-0.0	Total/NA	Solid	6010D	629576
240-212357-5	T375-E-0.0	Total/NA	Solid	6010D	629576
240-212357-6	T375-W-0.0	Total/NA	Solid	6010D	629576
240-212357-7	T500-E-0.0	Total/NA	Solid	6010D	629576
240-212357-8	T500-W-0.0	Total/NA	Solid	6010D	629576
240-212357-9	DUP-1-20241003	Total/NA	Solid	6010D	629576
240-212357-10	T625-W-0.0	Total/NA	Solid	6010D	629576
240-212357-11	T625-C-0.0	Total/NA	Solid	6010D	629576

Analysis Batch: 629794

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
240-212357-1	T125-C-0.0	Total/NA	Solid	7471B	629577
240-212357-2	T250-E-0.0	Total/NA	Solid	7471B	629577
240-212357-3	T250-W-0.0	Total/NA	Solid	7471B	629577
240-212357-4	T250-C-0.0	Total/NA	Solid	7471B	629577
240-212357-5	T375-E-0.0	Total/NA	Solid	7471B	629577
240-212357-6	T375-W-0.0	Total/NA	Solid	7471B	629577
240-212357-7	T500-E-0.0	Total/NA	Solid	7471B	629577
240-212357-8	T500-W-0.0	Total/NA	Solid	7471B	629577
240-212357-9	DUP-1-20241003	Total/NA	Solid	7471B	629577
240-212357-10	T625-W-0.0	Total/NA	Solid	7471B	629577
240-212357-11	T625-C-0.0	Total/NA	Solid	7471B	629577
240-212357-12	T750-E-0.0	Total/NA	Solid	7471B	629577
240-212357-13	T750-W-0.0	Total/NA	Solid	7471B	629577
240-212357-14	T625-E-0.0	Total/NA	Solid	7471B	629577
240-212357-15	DUP-2-20241003	Total/NA	Solid	7471B	629577

Metals (Continued)

Analysis Batch: 629794 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
MB 240-629577/1-A	Method Blank	Total/NA	Solid	7471B	629577
LCS 240-629577/2-A	Lab Control Sample	Total/NA	Solid	7471B	629577
240-212357-14 MS	T625-E-0.0	Total/NA	Solid	7471B	629577
240-212357-14 MSD	T625-E-0.0	Total/NA	Solid	7471B	629577

General Chemistry

Analysis Batch: 629429

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
240-212357-1	T125-C-0.0	Total/NA	Solid	Moisture	
240-212357-2	T250-E-0.0	Total/NA	Solid	Moisture	
240-212357-3	T250-W-0.0	Total/NA	Solid	Moisture	
240-212357-4	T250-C-0.0	Total/NA	Solid	Moisture	
240-212357-5	T375-E-0.0	Total/NA	Solid	Moisture	
240-212357-6	T375-W-0.0	Total/NA	Solid	Moisture	
240-212357-7	T500-E-0.0	Total/NA	Solid	Moisture	
240-212357-8	T500-W-0.0	Total/NA	Solid	Moisture	
240-212357-9	DUP-1-20241003	Total/NA	Solid	Moisture	
240-212357-10	T625-W-0.0	Total/NA	Solid	Moisture	
240-212357-11	T625-C-0.0	Total/NA	Solid	Moisture	
240-212357-12	T750-E-0.0	Total/NA	Solid	Moisture	
240-212357-13	T750-W-0.0	Total/NA	Solid	Moisture	
240-212357-14	T625-E-0.0	Total/NA	Solid	Moisture	
240-212357-15	DUP-2-20241003	Total/NA	Solid	Moisture	
240-212357-1 DU	T125-C-0.0	Total/NA	Solid	Moisture	
240-212357-14 DU	T625-E-0.0	Total/NA	Solid	Moisture	

Prep Batch: 629526

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
240-212357-12	T750-E-0.0	Total/NA	Solid	9012B	
240-212357-13	T750-W-0.0	Total/NA	Solid	9012B	
240-212357-14	T625-E-0.0	Total/NA	Solid	9012B	
240-212357-15	DUP-2-20241003	Total/NA	Solid	9012B	
MB 240-629526/1-A	Method Blank	Total/NA	Solid	9012B	
LCS 240-629526/2-A	Lab Control Sample	Total/NA	Solid	9012B	
240-212357-14 MS	T625-E-0.0	Total/NA	Solid	9012B	
240-212357-14 MSD	T625-E-0.0	Total/NA	Solid	9012B	

Analysis Batch: 629581

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
240-212357-12	T750-E-0.0	Total/NA	Solid	9012B	629526
240-212357-13	T750-W-0.0	Total/NA	Solid	9012B	629526
240-212357-14	T625-E-0.0	Total/NA	Solid	9012B	629526
240-212357-15	DUP-2-20241003	Total/NA	Solid	9012B	629526
MB 240-629526/1-A	Method Blank	Total/NA	Solid	9012B	629526
LCS 240-629526/2-A	Lab Control Sample	Total/NA	Solid	9012B	629526
240-212357-14 MS	T625-E-0.0	Total/NA	Solid	9012B	629526
240-212357-14 MSD	T625-E-0.0	Total/NA	Solid	9012B	629526

QC Association Summary

Client: August Mack Environmental, Inc.
Project/Site: MSC Canfield - Soil

Job ID: 240-212357-1

General Chemistry

Prep Batch: 629719

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
240-212357-1	T125-C-0.0	Total/NA	Solid	9012B	
240-212357-2	T250-E-0.0	Total/NA	Solid	9012B	
240-212357-3	T250-W-0.0	Total/NA	Solid	9012B	
240-212357-4	T250-C-0.0	Total/NA	Solid	9012B	
240-212357-5	T375-E-0.0	Total/NA	Solid	9012B	
240-212357-6	T375-W-0.0	Total/NA	Solid	9012B	
240-212357-7	T500-E-0.0	Total/NA	Solid	9012B	
240-212357-8	T500-W-0.0	Total/NA	Solid	9012B	
240-212357-9	DUP-1-20241003	Total/NA	Solid	9012B	
240-212357-10	T625-W-0.0	Total/NA	Solid	9012B	
240-212357-11	T625-C-0.0	Total/NA	Solid	9012B	
MB 240-629719/1-A	Method Blank	Total/NA	Solid	9012B	
LCS 240-629719/2-A	Lab Control Sample	Total/NA	Solid	9012B	
240-212357-11 MS	T625-C-0.0	Total/NA	Solid	9012B	
240-212357-11 MSD	T625-C-0.0	Total/NA	Solid	9012B	

Analysis Batch: 629821

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
240-212357-1	T125-C-0.0	Total/NA	Solid	9012B	629719
240-212357-2	T250-E-0.0	Total/NA	Solid	9012B	629719
240-212357-3	T250-W-0.0	Total/NA	Solid	9012B	629719
240-212357-4	T250-C-0.0	Total/NA	Solid	9012B	629719
240-212357-5	T375-E-0.0	Total/NA	Solid	9012B	629719
240-212357-6	T375-W-0.0	Total/NA	Solid	9012B	629719
240-212357-7	T500-E-0.0	Total/NA	Solid	9012B	629719
240-212357-8	T500-W-0.0	Total/NA	Solid	9012B	629719
240-212357-9	DUP-1-20241003	Total/NA	Solid	9012B	629719
240-212357-10	T625-W-0.0	Total/NA	Solid	9012B	629719
240-212357-11	T625-C-0.0	Total/NA	Solid	9012B	629719
MB 240-629719/1-A	Method Blank	Total/NA	Solid	9012B	629719
LCS 240-629719/2-A	Lab Control Sample	Total/NA	Solid	9012B	629719
240-212357-11 MS	T625-C-0.0	Total/NA	Solid	9012B	629719
240-212357-11 MSD	T625-C-0.0	Total/NA	Solid	9012B	629719

Lab Chronicle

Client: August Mack Environmental, Inc.
Project/Site: MSC Canfield - Soil

Job ID: 240-212357-1

Client Sample ID: T125-C-0.0

Lab Sample ID: 240-212357-1

Date Collected: 10/03/24 09:30
Matrix: Solid
Date Received: 10/03/24 12:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	Moisture		1	629429	GZF4	EET CLE	10/03/24 19:07

Client Sample ID: T125-C-0.0

Lab Sample ID: 240-212357-1

Date Collected: 10/03/24 09:30
Matrix: Solid
Date Received: 10/03/24 12:00
Percent Solids: 64.7

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5030C			629568	TJL2	EET CLE	10/04/24 11:04
Total/NA	Analysis	8260D		1	629507	TJL2	EET CLE	10/04/24 18:16
Total/NA	Prep	3546			629512	BV1	EET CLE	10/04/24 08:53
Total/NA	Analysis	8270E		4	629724	JMG	EET CLE	10/07/24 20:12
Total/NA	Prep	3546			629515	BV1	EET CLE	10/04/24 08:58
Total/NA	Analysis	8082A		1	629518	XFP	EET CLE	10/04/24 17:26
Total/NA	Prep	3050B			629576	DEE	EET CLE	10/04/24 15:00
Total/NA	Analysis	6010D		1	629651	KLC	EET CLE	10/05/24 23:04
Total/NA	Prep	3050B			629576	DEE	EET CLE	10/04/24 15:00
Total/NA	Analysis	6010D		10	629669	KLC	EET CLE	10/06/24 16:14
Total/NA	Prep	7471B			629577	DEE	EET CLE	10/04/24 15:00
Total/NA	Analysis	7471B		1	629794	TQ6W	EET CLE	10/07/24 11:09
Total/NA	Prep	9012B			629719	C5SV	EET CLE	10/07/24 08:58
Total/NA	Analysis	9012B		25	629821	C5SV	EET CLE	10/07/24 14:12

Client Sample ID: T250-E-0.0

Lab Sample ID: 240-212357-2

Date Collected: 10/03/24 09:45
Matrix: Solid
Date Received: 10/03/24 12:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	Moisture		1	629429	GZF4	EET CLE	10/03/24 19:07

Client Sample ID: T250-E-0.0

Lab Sample ID: 240-212357-2

Date Collected: 10/03/24 09:45
Matrix: Solid
Date Received: 10/03/24 12:00
Percent Solids: 72.5

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5030C			629568	TJL2	EET CLE	10/04/24 11:04
Total/NA	Analysis	8260D		1	629507	TJL2	EET CLE	10/04/24 18:36
Total/NA	Prep	3546			629512	BV1	EET CLE	10/04/24 08:53
Total/NA	Analysis	8270E		4	629724	JMG	EET CLE	10/07/24 20:36
Total/NA	Prep	3546			629515	BV1	EET CLE	10/04/24 08:58
Total/NA	Analysis	8082A		1	629518	XFP	EET CLE	10/04/24 17:40
Total/NA	Prep	3050B			629576	DEE	EET CLE	10/04/24 15:00
Total/NA	Analysis	6010D		1	629651	KLC	EET CLE	10/05/24 23:09
Total/NA	Prep	3050B			629576	DEE	EET CLE	10/04/24 15:00
Total/NA	Analysis	6010D		10	629669	KLC	EET CLE	10/06/24 16:18

Lab Chronicle

Client: August Mack Environmental, Inc.
Project/Site: MSC Canfield - Soil

Job ID: 240-212357-1

Client Sample ID: T250-E-0.0

Date Collected: 10/03/24 09:45
Date Received: 10/03/24 12:00

Lab Sample ID: 240-212357-2

Matrix: Solid
Percent Solids: 72.5

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	7471B			629577	DEE	EET CLE	10/04/24 15:00
Total/NA	Analysis	7471B		1	629794	TQ6W	EET CLE	10/07/24 11:11
Total/NA	Prep	9012B			629719	C5SV	EET CLE	10/07/24 08:58
Total/NA	Analysis	9012B		125	629821	C5SV	EET CLE	10/07/24 15:42

Client Sample ID: T250-W-0.0

Date Collected: 10/03/24 09:40
Date Received: 10/03/24 12:00

Lab Sample ID: 240-212357-3

Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	Moisture		1	629429	GZF4	EET CLE	10/03/24 19:07

Client Sample ID: T250-W-0.0

Date Collected: 10/03/24 09:40
Date Received: 10/03/24 12:00

Lab Sample ID: 240-212357-3

Matrix: Solid
Percent Solids: 58.1

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5030C			629568	TJL2	EET CLE	10/04/24 11:04
Total/NA	Analysis	8260D		1	629507	TJL2	EET CLE	10/04/24 18:55
Total/NA	Prep	3546			629512	BV1	EET CLE	10/04/24 08:53
Total/NA	Analysis	8270E		1	629724	JMG	EET CLE	10/07/24 15:41
Total/NA	Prep	3546	RA		629512	BV1	EET CLE	10/04/24 08:53
Total/NA	Analysis	8270E	RA	2.5	629877	JMG	EET CLE	10/08/24 11:30
Total/NA	Prep	3546			629515	BV1	EET CLE	10/04/24 08:58
Total/NA	Analysis	8082A		1	629518	XFP	EET CLE	10/04/24 17:53
Total/NA	Prep	3050B			629576	DEE	EET CLE	10/04/24 15:00
Total/NA	Analysis	6010D		1	629651	KLC	EET CLE	10/05/24 23:13
Total/NA	Prep	3050B			629576	DEE	EET CLE	10/04/24 15:00
Total/NA	Analysis	6010D		5	629669	KLC	EET CLE	10/06/24 16:23
Total/NA	Prep	7471B			629577	DEE	EET CLE	10/04/24 15:00
Total/NA	Analysis	7471B		1	629794	TQ6W	EET CLE	10/07/24 11:12
Total/NA	Prep	9012B			629719	C5SV	EET CLE	10/07/24 08:58
Total/NA	Analysis	9012B		25	629821	C5SV	EET CLE	10/07/24 14:22

Client Sample ID: T250-C-0.0

Date Collected: 10/03/24 10:00
Date Received: 10/03/24 12:00

Lab Sample ID: 240-212357-4

Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	Moisture		1	629429	GZF4	EET CLE	10/03/24 19:07

Client Sample ID: T250-C-0.0
Lab Sample ID: 240-212357-4

Date Collected: 10/03/24 10:00
Matrix: Solid
Date Received: 10/03/24 12:00
Percent Solids: 61.4

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5030C			629568	TJL2	EET CLE	10/04/24 11:04
Total/NA	Analysis	8260D		1	629507	TJL2	EET CLE	10/04/24 19:15
Total/NA	Prep	3546			629512	BV1	EET CLE	10/04/24 08:53
Total/NA	Analysis	8270E		1	629724	JMG	EET CLE	10/07/24 16:06
Total/NA	Prep	3546	RA		629512	BV1	EET CLE	10/04/24 08:53
Total/NA	Analysis	8270E	RA	2.5	629877	JMG	EET CLE	10/08/24 11:55
Total/NA	Prep	3546			629515	BV1	EET CLE	10/04/24 08:58
Total/NA	Analysis	8082A		1	629518	XFP	EET CLE	10/04/24 18:07
Total/NA	Prep	3050B			629576	DEE	EET CLE	10/04/24 15:00
Total/NA	Analysis	6010D		1	629651	KLC	EET CLE	10/05/24 23:18
Total/NA	Prep	3050B			629576	DEE	EET CLE	10/04/24 15:00
Total/NA	Analysis	6010D		10	629669	KLC	EET CLE	10/06/24 16:27
Total/NA	Prep	7471B			629577	DEE	EET CLE	10/04/24 15:00
Total/NA	Analysis	7471B		1	629794	TQ6W	EET CLE	10/07/24 11:14
Total/NA	Prep	9012B			629719	C5SV	EET CLE	10/07/24 08:58
Total/NA	Analysis	9012B		25	629821	C5SV	EET CLE	10/07/24 14:29

Client Sample ID: T375-E-0.0
Lab Sample ID: 240-212357-5

Date Collected: 10/03/24 10:20
Matrix: Solid
Date Received: 10/03/24 12:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	Moisture		1	629429	GZF4	EET CLE	10/03/24 19:07

Client Sample ID: T375-E-0.0
Lab Sample ID: 240-212357-5

Date Collected: 10/03/24 10:20
Matrix: Solid
Date Received: 10/03/24 12:00
Percent Solids: 57.9

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5030C			629568	TJL2	EET CLE	10/04/24 11:04
Total/NA	Analysis	8260D		1	629507	TJL2	EET CLE	10/04/24 19:35
Total/NA	Prep	3546			629512	BV1	EET CLE	10/04/24 08:53
Total/NA	Analysis	8270E		1	629724	JMG	EET CLE	10/07/24 16:30
Total/NA	Prep	3546	RA		629512	BV1	EET CLE	10/04/24 08:53
Total/NA	Analysis	8270E	RA	2.5	629877	JMG	EET CLE	10/08/24 12:19
Total/NA	Prep	3546			629515	BV1	EET CLE	10/04/24 08:58
Total/NA	Analysis	8082A		1	629518	XFP	EET CLE	10/04/24 18:21
Total/NA	Prep	3050B			629576	DEE	EET CLE	10/04/24 15:00
Total/NA	Analysis	6010D		1	629651	KLC	EET CLE	10/05/24 23:22
Total/NA	Prep	3050B			629576	DEE	EET CLE	10/04/24 15:00
Total/NA	Analysis	6010D		10	629669	KLC	EET CLE	10/06/24 16:32
Total/NA	Prep	7471B			629577	DEE	EET CLE	10/04/24 15:00
Total/NA	Analysis	7471B		1	629794	TQ6W	EET CLE	10/07/24 11:19
Total/NA	Prep	9012B			629719	C5SV	EET CLE	10/07/24 08:58
Total/NA	Analysis	9012B		25	629821	C5SV	EET CLE	10/07/24 14:34

Client Sample ID: T375-W-0.0 — **Lab Sample ID: 240-212357-6**
Date Collected: 10/03/24 10:25 — **Matrix: Solid**
Date Received: 10/03/24 12:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	Moisture		1	629429	GZF4	EET CLE	10/03/24 19:07

Client Sample ID: T375-W-0.0 — **Lab Sample ID: 240-212357-6**
Date Collected: 10/03/24 10:25 — **Matrix: Solid**
Date Received: 10/03/24 12:00 — **Percent Solids: 59.8**

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5030C			629568	TJL2	EET CLE	10/04/24 11:04
Total/NA	Analysis	8260D		1	629507	TJL2	EET CLE	10/04/24 19:55
Total/NA	Prep	3546			629512	BV1	EET CLE	10/04/24 08:53
Total/NA	Analysis	8270E		2	629724	JMG	EET CLE	10/07/24 19:23
Total/NA	Prep	3546			629515	BV1	EET CLE	10/04/24 08:58
Total/NA	Analysis	8082A		1	629698	MBB	EET CLE	10/07/24 14:53
Total/NA	Prep	3050B			629576	DEE	EET CLE	10/04/24 15:00
Total/NA	Analysis	6010D		1	629651	KLC	EET CLE	10/05/24 23:27
Total/NA	Prep	3050B			629576	DEE	EET CLE	10/04/24 15:00
Total/NA	Analysis	6010D		10	629669	KLC	EET CLE	10/06/24 16:36
Total/NA	Prep	7471B			629577	DEE	EET CLE	10/04/24 15:00
Total/NA	Analysis	7471B		1	629794	TQ6W	EET CLE	10/07/24 11:21
Total/NA	Prep	9012B			629719	C5SV	EET CLE	10/07/24 08:58
Total/NA	Analysis	9012B		25	629821	C5SV	EET CLE	10/07/24 14:38

Client Sample ID: T500-E-0.0 — **Lab Sample ID: 240-212357-7**
Date Collected: 10/03/24 10:30 — **Matrix: Solid**
Date Received: 10/03/24 12:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	Moisture		1	629429	GZF4	EET CLE	10/03/24 19:07

Client Sample ID: T500-E-0.0 — **Lab Sample ID: 240-212357-7**
Date Collected: 10/03/24 10:30 — **Matrix: Solid**
Date Received: 10/03/24 12:00 — **Percent Solids: 67.0**

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5030C			629568	TJL2	EET CLE	10/04/24 11:04
Total/NA	Analysis	8260D		1	629507	TJL2	EET CLE	10/04/24 20:14
Total/NA	Prep	3546			629512	BV1	EET CLE	10/04/24 08:53
Total/NA	Analysis	8270E		2	629724	JMG	EET CLE	10/07/24 19:47
Total/NA	Prep	3546			629515	BV1	EET CLE	10/04/24 08:58
Total/NA	Analysis	8082A		1	629518	XFP	EET CLE	10/04/24 18:49
Total/NA	Prep	3050B			629576	DEE	EET CLE	10/04/24 15:00
Total/NA	Analysis	6010D		1	629651	KLC	EET CLE	10/05/24 23:32
Total/NA	Prep	3050B			629576	DEE	EET CLE	10/04/24 15:00
Total/NA	Analysis	6010D		5	629669	KLC	EET CLE	10/06/24 16:41

Lab Chronicle

Client: August Mack Environmental, Inc.
Job ID: 240-212357-1
Project/Site: MSC Canfield - Soil

Client Sample ID: T500-E-0.0
Lab Sample ID: 240-212357-7
Date Collected: 10/03/24 10:30
Matrix: Solid
Date Received: 10/03/24 12:00
Percent Solids: 67.0

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	7471B			629577	DEE	EET CLE	10/04/24 15:00
Total/NA	Analysis	7471B		1	629794	TQ6W	EET CLE	10/07/24 11:23
Total/NA	Prep	9012B			629719	C5SV	EET CLE	10/07/24 08:58
Total/NA	Analysis	9012B		25	629821	C5SV	EET CLE	10/07/24 14:43

Client Sample ID: T500-W-0.0
Lab Sample ID: 240-212357-8
Date Collected: 10/03/24 10:35
Matrix: Solid
Date Received: 10/03/24 12:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	Moisture		1	629429	GZF4	EET CLE	10/03/24 19:07

Client Sample ID: T500-W-0.0
Lab Sample ID: 240-212357-8
Date Collected: 10/03/24 10:35
Matrix: Solid
Date Received: 10/03/24 12:00
Percent Solids: 66.5

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5030C			629568	TJL2	EET CLE	10/04/24 11:04
Total/NA	Analysis	8260D		1	629507	TJL2	EET CLE	10/04/24 20:34
Total/NA	Prep	3546			629512	BV1	EET CLE	10/04/24 08:53
Total/NA	Analysis	8270E		1	629724	JMG	EET CLE	10/07/24 18:09
Total/NA	Prep	3546			629515	BV1	EET CLE	10/04/24 08:58
Total/NA	Analysis	8082A		1	629518	XFP	EET CLE	10/04/24 19:03
Total/NA	Prep	3050B			629576	DEE	EET CLE	10/04/24 15:00
Total/NA	Analysis	6010D		1	629651	KLC	EET CLE	10/05/24 23:36
Total/NA	Prep	3050B			629576	DEE	EET CLE	10/04/24 15:00
Total/NA	Analysis	6010D		5	629669	KLC	EET CLE	10/06/24 16:45
Total/NA	Prep	7471B			629577	DEE	EET CLE	10/04/24 15:00
Total/NA	Analysis	7471B		1	629794	TQ6W	EET CLE	10/07/24 11:24
Total/NA	Prep	9012B			629719	C5SV	EET CLE	10/07/24 08:58
Total/NA	Analysis	9012B		25	629821	C5SV	EET CLE	10/07/24 14:47

Client Sample ID: DUP-1-20241003
Lab Sample ID: 240-212357-9
Date Collected: 10/03/24 00:00
Matrix: Solid
Date Received: 10/03/24 12:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	Moisture		1	629429	GZF4	EET CLE	10/03/24 19:07

Client Sample ID: DUP-1-20241003
Lab Sample ID: 240-212357-9
Date Collected: 10/03/24 00:00
Matrix: Solid
Date Received: 10/03/24 12:00
Percent Solids: 76.8

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5030C			629589	SAM	EET CLE	10/04/24 13:25
Total/NA	Analysis	8260D		1	629575	SAM	EET CLE	10/04/24 14:33

Lab Chronicle

Client: August Mack Environmental, Inc.
Job ID: 240-212357-1
Project/Site: MSC Canfield - Soil

Client Sample ID: DUP-1-20241003
Lab Sample ID: 240-212357-9
Date Collected: 10/03/24 00:00
Matrix: Solid
Date Received: 10/03/24 12:00
Percent Solids: 76.8

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	3546			629512	BV1	EET CLE	10/04/24 08:53
Total/NA	Analysis	8270E		2	629724	JMG	EET CLE	10/07/24 18:58
Total/NA	Prep	3546			629515	BV1	EET CLE	10/04/24 08:58
Total/NA	Analysis	8082A		1	629518	XFP	EET CLE	10/04/24 19:17
Total/NA	Prep	3050B			629576	DEE	EET CLE	10/04/24 15:00
Total/NA	Analysis	6010D		1	629651	KLC	EET CLE	10/05/24 23:49
Total/NA	Prep	3050B			629576	DEE	EET CLE	10/04/24 15:00
Total/NA	Analysis	6010D		10	629669	KLC	EET CLE	10/06/24 16:58
Total/NA	Prep	7471B			629577	DEE	EET CLE	10/04/24 15:00
Total/NA	Analysis	7471B		1	629794	TQ6W	EET CLE	10/07/24 11:26
Total/NA	Prep	9012B			629719	C5SV	EET CLE	10/07/24 08:58
Total/NA	Analysis	9012B		25	629821	C5SV	EET CLE	10/07/24 14:52

Client Sample ID: T625-W-0.0
Lab Sample ID: 240-212357-10
Date Collected: 10/03/24 10:45
Matrix: Solid
Date Received: 10/03/24 12:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	Moisture		1	629429	GZF4	EET CLE	10/03/24 19:07

Client Sample ID: T625-W-0.0
Lab Sample ID: 240-212357-10
Date Collected: 10/03/24 10:45
Matrix: Solid
Date Received: 10/03/24 12:00
Percent Solids: 65.7

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5030C			629589	SAM	EET CLE	10/04/24 13:25
Total/NA	Analysis	8260D		1	629575	SAM	EET CLE	10/04/24 14:51
Total/NA	Prep	3546			629512	BV1	EET CLE	10/04/24 08:53
Total/NA	Analysis	8270E		1	629724	JMG	EET CLE	10/07/24 18:33
Total/NA	Prep	3546			629515	BV1	EET CLE	10/04/24 08:58
Total/NA	Analysis	8082A		1	629518	XFP	EET CLE	10/04/24 19:31
Total/NA	Prep	3050B			629576	DEE	EET CLE	10/04/24 15:00
Total/NA	Analysis	6010D		1	629651	KLC	EET CLE	10/05/24 23:54
Total/NA	Prep	3050B			629576	DEE	EET CLE	10/04/24 15:00
Total/NA	Analysis	6010D		10	629669	KLC	EET CLE	10/06/24 17:03
Total/NA	Prep	7471B			629577	DEE	EET CLE	10/04/24 15:00
Total/NA	Analysis	7471B		1	629794	TQ6W	EET CLE	10/07/24 11:28
Total/NA	Prep	9012B			629719	C5SV	EET CLE	10/07/24 09:00
Total/NA	Analysis	9012B		25	629821	C5SV	EET CLE	10/07/24 15:32

Lab Chronicle

Client: August Mack Environmental, Inc.
Project/Site: MSC Canfield - Soil

Job ID: 240-212357-1

Client Sample ID: T625-C-0.0

Lab Sample ID: 240-212357-11

Date Collected: 10/03/24 10:50
Matrix: Solid
Date Received: 10/03/24 12:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	Moisture		1	629429	GZF4	EET CLE	10/03/24 19:07

Client Sample ID: T625-C-0.0

Lab Sample ID: 240-212357-11

Date Collected: 10/03/24 10:50
Matrix: Solid
Date Received: 10/03/24 12:00
Percent Solids: 69.1

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5030C			629589	SAM	EET CLE	10/04/24 13:25
Total/NA	Analysis	8260D		1	629575	SAM	EET CLE	10/04/24 15:09
Total/NA	Prep	3546			629512	BV1	EET CLE	10/04/24 08:53
Total/NA	Analysis	8270E		2.5	629724	JMG	EET CLE	10/07/24 21:01
Total/NA	Prep	3546			629515	BV1	EET CLE	10/04/24 08:58
Total/NA	Analysis	8082A		1	629518	XFP	EET CLE	10/04/24 19:45
Total/NA	Prep	3050B			629576	DEE	EET CLE	10/04/24 15:00
Total/NA	Analysis	6010D		1	629651	KLC	EET CLE	10/05/24 23:58
Total/NA	Prep	3050B			629576	DEE	EET CLE	10/04/24 15:00
Total/NA	Analysis	6010D		20	629669	KLC	EET CLE	10/06/24 17:07
Total/NA	Prep	7471B			629577	DEE	EET CLE	10/04/24 15:00
Total/NA	Analysis	7471B		1	629794	TQ6W	EET CLE	10/07/24 11:30
Total/NA	Prep	9012B			629719	C5SV	EET CLE	10/07/24 08:58
Total/NA	Analysis	9012B		25	629821	C5SV	EET CLE	10/07/24 13:59

Client Sample ID: T750-E-0.0

Lab Sample ID: 240-212357-12

Date Collected: 10/03/24 11:05
Matrix: Solid
Date Received: 10/03/24 12:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	Moisture		1	629429	GZF4	EET CLE	10/03/24 19:07

Client Sample ID: T750-E-0.0

Lab Sample ID: 240-212357-12

Date Collected: 10/03/24 11:05
Matrix: Solid
Date Received: 10/03/24 12:00
Percent Solids: 60.7

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5030C			629589	SAM	EET CLE	10/04/24 13:25
Total/NA	Analysis	8260D		1	629575	SAM	EET CLE	10/04/24 15:27
Total/NA	Prep	3546			629512	BV1	EET CLE	10/04/24 08:53
Total/NA	Analysis	8270E		1	629724	JMG	EET CLE	10/07/24 17:20
Total/NA	Prep	3546			629515	BV1	EET CLE	10/04/24 08:58
Total/NA	Analysis	8082A		1	629518	XFP	EET CLE	10/04/24 19:59
Total/NA	Prep	3050B			629576	DEE	EET CLE	10/04/24 15:00
Total/NA	Analysis	6010D		1	629651	KLC	EET CLE	10/06/24 00:03
Total/NA	Prep	7471B			629577	DEE	EET CLE	10/04/24 15:00
Total/NA	Analysis	7471B		1	629794	TQ6W	EET CLE	10/07/24 11:31

Client Sample ID: T750-E-0.0 — **Lab Sample ID: 240-212357-12**
Date Collected: 10/03/24 11:05 — **Matrix: Solid**
Date Received: 10/03/24 12:00 — **Percent Solids: 60.7**

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	9012B			629526	C5SV	EET CLE	10/04/24 09:32
Total/NA	Analysis	9012B		1	629581	C5SV	EET CLE	10/04/24 11:31

Client Sample ID: T750-W-0.0 — **Lab Sample ID: 240-212357-13**
Date Collected: 10/03/24 11:10 — **Matrix: Solid**
Date Received: 10/03/24 12:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	Moisture		1	629429	GZF4	EET CLE	10/03/24 19:07

Client Sample ID: T750-W-0.0 — **Lab Sample ID: 240-212357-13**
Date Collected: 10/03/24 11:10 — **Matrix: Solid**
Date Received: 10/03/24 12:00 — **Percent Solids: 68.3**

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5030C			629589	SAM	EET CLE	10/04/24 13:25
Total/NA	Analysis	8260D		1	629575	SAM	EET CLE	10/04/24 15:45
Total/NA	Prep	3546			629512	BV1	EET CLE	10/04/24 08:53
Total/NA	Analysis	8270E		1	629724	JMG	EET CLE	10/07/24 17:44
Total/NA	Prep	3546			629515	BV1	EET CLE	10/04/24 08:58
Total/NA	Analysis	8082A		1	629518	XFP	EET CLE	10/04/24 20:54
Total/NA	Prep	3050B			629576	DEE	EET CLE	10/04/24 15:00
Total/NA	Analysis	6010D		1	629651	KLC	EET CLE	10/06/24 00:07
Total/NA	Prep	7471B			629577	DEE	EET CLE	10/04/24 15:00
Total/NA	Analysis	7471B		1	629794	TQ6W	EET CLE	10/07/24 11:33
Total/NA	Prep	9012B			629526	C5SV	EET CLE	10/04/24 09:32
Total/NA	Analysis	9012B		5	629581	C5SV	EET CLE	10/04/24 11:46

Client Sample ID: T625-E-0.0 — **Lab Sample ID: 240-212357-14**
Date Collected: 10/03/24 10:40 — **Matrix: Solid**
Date Received: 10/03/24 12:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	Moisture		1	629429	GZF4	EET CLE	10/03/24 19:07

Client Sample ID: T625-E-0.0 — **Lab Sample ID: 240-212357-14**
Date Collected: 10/03/24 10:40 — **Matrix: Solid**
Date Received: 10/03/24 12:00 — **Percent Solids: 71.4**

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5030C			629568	TJL2	EET CLE	10/04/24 11:04
Total/NA	Analysis	8260D		1	629507	TJL2	EET CLE	10/04/24 20:54
Total/NA	Prep	3546			629512	BV1	EET CLE	10/04/24 08:53
Total/NA	Analysis	8270E		1	629724	JMG	EET CLE	10/07/24 14:27
Total/NA	Prep	3546			629515	BV1	EET CLE	10/04/24 08:58
Total/NA	Analysis	8082A		1	629518	XFP	EET CLE	10/04/24 21:08

Lab Chronicle

Client: August Mack Environmental, Inc.
Project/Site: MSC Canfield - Soil

Job ID: 240-212357-1

Client Sample ID: T625-E-0.0

Lab Sample ID: 240-212357-14

Date Collected: 10/03/24 10:40
Date Received: 10/03/24 12:00

Matrix: Solid
Percent Solids: 71.4

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	3050B			629576	DEE	EET CLE	10/04/24 15:00
Total/NA	Analysis	6010D		1	629651	KLC	EET CLE	10/05/24 22:34
Total/NA	Prep	7471B			629577	DEE	EET CLE	10/04/24 15:00
Total/NA	Analysis	7471B		1	629794	TQ6W	EET CLE	10/07/24 11:04
Total/NA	Prep	9012B			629526	C5SV	EET CLE	10/04/24 09:32
Total/NA	Analysis	9012B		1	629581	C5SV	EET CLE	10/04/24 11:26

Client Sample ID: DUP-2-20241003

Lab Sample ID: 240-212357-15

Date Collected: 10/03/24 00:00
Date Received: 10/03/24 12:00

Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	Moisture		1	629429	GZF4	EET CLE	10/03/24 19:07

Client Sample ID: DUP-2-20241003

Lab Sample ID: 240-212357-15

Date Collected: 10/03/24 00:00
Date Received: 10/03/24 12:00

Matrix: Solid
Percent Solids: 70.2

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5030C			629589	SAM	EET CLE	10/04/24 13:25
Total/NA	Analysis	8260D		1	629575	SAM	EET CLE	10/04/24 16:03
Total/NA	Prep	3546			629512	BV1	EET CLE	10/04/24 08:53
Total/NA	Analysis	8270E		1	629724	JMG	EET CLE	10/07/24 16:55
Total/NA	Prep	3546			629515	BV1	EET CLE	10/04/24 08:58
Total/NA	Analysis	8082A		1	629518	XFP	EET CLE	10/04/24 21:49
Total/NA	Prep	3050B			629576	DEE	EET CLE	10/04/24 15:00
Total/NA	Analysis	6010D		1	629651	KLC	EET CLE	10/06/24 00:12
Total/NA	Prep	7471B			629577	DEE	EET CLE	10/04/24 15:00
Total/NA	Analysis	7471B		1	629794	TQ6W	EET CLE	10/07/24 11:35
Total/NA	Prep	9012B			629526	C5SV	EET CLE	10/04/24 09:32
Total/NA	Analysis	9012B		5	629581	C5SV	EET CLE	10/04/24 11:51

Client Sample ID: TB-2-20241003

Lab Sample ID: 240-212357-16

Date Collected: 10/03/24 00:00
Date Received: 10/03/24 12:00

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260D		1	629629	SAM	EET CLE	10/05/24 14:47

Laboratory References:

EET CLE = Eurofins Cleveland, 180 S. Van Buren Avenue, Barberton, OH 44203, TEL (330)497-9396

Accreditation/Certification Summary

Client: August Mack Environmental, Inc.
Job ID: 240-212357-1
Project/Site: MSC Canfield - Soil

Laboratory: Eurofins Cleveland

All accreditations/certifications held by this laboratory are listed. Not all accreditations/certifications are applicable to this report.

Authority	Program	Identification Number	Expiration Date
California	State	2927	02-28-25
Georgia	State	4062	02-27-25
Illinois	NELAP	200004	08-31-25
Iowa	State	421	06-01-25
Kentucky (UST)	State	112225	02-27-25
Kentucky (WW)	State	KY98016	12-30-24
Minnesota	NELAP	039-999-348	12-31-24
New Hampshire	NELAP	225024	09-30-25
New Jersey	NELAP	OH001	07-03-25
New York	NELAP	10975	04-02-25
Ohio VAP	State	ORELAP 4062	02-27-25
Oregon	NELAP	4062	02-27-25
Pennsylvania	NELAP	68-00340	08-31-25
Texas	NELAP	T104704517-22-19	08-31-25
USDA	US Federal Programs	P330-18-00281	01-05-27
Virginia	NELAP	460175	09-14-25
West Virginia DEP	State	210	12-31-24

Eurofins Cleveland
180 S. Van Buren Avenue
Barberton, OH 44203
Phone (330) 497-9396 Phone (330) 497-0772

Chain of Custody Record

5.1/5.8

eurofins | Environment Testing

Client Information	Sampler: Elisabeth Webber	Lab PM: Kalis, Nicole A	Carrier Tracking No(s):	COC No: 240-124901-43556.5
Client Contact: Kain Lager-Lowe	Phone:	E-Mail: Nicole.Kalis@et.eurofinsus.com	State of Origin:	Page: Page 5 of 12
Company: August Mack Environmental, Inc.	PWSID:			Job #:
Address: 7830 North Central Drive, Suite B	Due Date Requested:			
City: Lewis Center	TAT Requested (days): 3 Day TAT			
State, Zip: OH, 43035	Compliance Project: Δ Yes Δ No			
Phone: 740-548-1515(Tel)	PO #:			
Email: klagerlowe@augustmack.com	WO #:			
Project Name: MSC Canfield - Soil/Surface Water	Project #: DO NOT DELETE - 24033889			
Site:	SSOW#:			

Analysis Requested

Preservation Codes:
N - None
A - HCL
B - NaOH
D - HNO3
Other:

Sample Identification	Sample Date	Sample Time	Sample Type (C=Comp, G=grab)	Matrix (W=water, S=solid, O=waste/oil, BT=Tissue, A=Air)	Field Filtered Sample (Yes or No)	Perform MS/MSD (Yes or No)	8260D - VOCs	8270E - SVOCs	8082A - PCBs	6010D, 7471B - RCRA 8, Cu & Zn	9012B - Total Cyanide	7196A - Hexavalent Chromium	1677 - Free Cyanide	Total Number of containers	Special Instructions/Note:
			Preservation Code:				N	N	N	N	N	N	N		
T125-C-0.0	10-3-24	0930	G	Solid	N		X	X	X	X	X	X	X	6	
T250-E-0.0	10-3-24	0945		Solid	N									6	
T250-W-0.0	10-3-24	0940		Solid	N									6	
T250-C-0.0	10-3-24	1000		Solid	N									6	
T375-E-0.0	10-3-24	1020		Solid	N									6	
T375-W-0.0	10-3-24	1025		Solid	N									6	
T500-E-0.0	10-3-24	1030		Solid	N									6	
T500-W-0.0	10-3-24	1035		Solid	N									6	
DUP-1-20241003	10-3-24			Solid	N									6	
T625-W-0.0	10-3-24	1045		Solid	N									6	
T625-C-0.0	10-3-24	1050	↓	Solid	N		↓	↓	↓	↓	↓	↓	↓	6	

240-212357 COC

Possible Hazard Identification
☐ Non-Hazard ☐ Flammable ☐ Skin Irritant ☐ Poison B ☐ Unknown ☐ Radiological

Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)
☐ Return To Client ☐ Disposal By Lab ☐ Archive For _____ Months

Deliverable Requested: I, II, III, IV, Other (specify)

Special Instructions/QC Requirements:

Empty Kit Relinquished by:	Date:	Time:	Method of Shipment:

	Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company
1		10/3/24 12:00			10-3-24 12:00	
2						
3						

Custody Seals Intact: Δ Yes Δ No | Custody Seal No.: | Cooler Temperature(s) °C and Other Remarks:

Eurofins Cleveland
180 S. Van Buren Avenue
Barberton, OH 44203
Phone (330) 497-9396 Phone (330) 497-0772

Chain of Custody Record

eurofins | Environment Testing

Client Information	Sampler:	Lab PM: Kalis, Nicole A	Carrier Tracking No(s):	COC No: 240-124901-43556.3
Client Contact: Kain Lager-Lowe	Phone:	E-Mail: Nicole.Kalis@et.eurofinsus.com	State of Origin:	Page: Page 3 of 12
Company: August Mack Environmental, Inc.	PWSID:			Job #:
Address: 7830 North Central Drive, Suite B	Due Date Requested:			
City: Lewis Center	TAT Requested (days): 3 Day TAT			
State, Zip: OH, 43035	Compliance Project: Δ Yes Δ No			
Phone: 740-548-1515(Tel)	PO #:			
Email: klagerlowe@augustmack.com	WO #:			
Project Name: MSC Canfield - Soil/Surface Water	Project #: DO NOT DELETE - 24033889			
Site:	SSOW#:			

Analysis Requested

Preservation Codes:
N - None
A - HCL
B - NaOH
D - HNO3

Other:

Sample Identification	Sample Date	Sample Time	Sample Type (C=Comp, G=grab)	Matrix (W=water, S=solid, O=waste/oil, BT=Tissue, A=Air)	Field Filtered Sample (Yes or No)	Perform MS/MSD (Yes or No)	8260D - VOCs	8270E - SVOCs	8082A - PCBs	6010D, 7471B - RCRA 8, Cu & Zn	9012B - Total Cyanide	7196A - Hexavalent Chromium	1677 - Free Cyanide	MS/MSD	Total Number of containers	Special Instructions/Note:
			Preservation Code:				N	N	N	N	N	N	N			
T-750 -E- 0.0	10/3/24	1105	G	Solid			X	X	X	X	X	X	X		6	
T-750 -W- 0.0	10/3/24	1110	G	Solid			↓	↓	↓	↓	↓	↓	↓		6	
T-625 -E- 0.0	10/3/24	1040	G	Solid			↓	↓	↓	↓	↓	↓	↓	X	18	
Dup-2-2024 1003	10/3/24		G	Solid			↓	↓	↓	↓	↓	↓	↓		6	
KLL 10/3/24 Trip Blank-2-2024 1003 TB	~~10/3/24~~		G	Solid			X								1	
				Solid												
				Solid												
				Solid												
				Solid												
				Solid												
				Solid												

Possible Hazard Identification
☐ Non-Hazard ☐ Flammable ☐ Skin Irritant ☐ Poison B ☐ Unknown ☐ Radiological

Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)
☐ Return To Client ☐ Disposal By Lab ☐ Archive For _____ Months

Deliverable Requested: I, II, III, IV, Other (specify)

Special Instructions/QC Requirements:

Empty Kit Relinquished by:	Date:	Time:	Method of Shipment:

	Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company
1	[signature]	10/3/24 12:00		[signature]	10-3-24 12:00	
2	Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company
3	Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company

Custody Seals Intact: Δ Yes Δ No | Custody Seal No.: | Cooler Temperature(s) °C and Other Remarks:

Eurofins – Cleveland Sample Receipt Form/Narrative **Login # :** _____
Barberton Facility

Client August Mack Site Name _____ Cooler unpacked by: JMOROSKO

Cooler Received on 10/3/24 Opened on 10/3/24

FedEx: 1st Grd Exp UPS FAS Waypoint Client Drop Off Eurofins Courier Other _____

Receipt After-hours: Drop-off Date/Time _____ Storage Location _____

Eurofins Cooler # EC Foam Box Client Cooler Box Other _____

Packing material used: Bubble Wrap Foam Plastic Bag None Other _____

COOLANT: Wet Ice Blue Ice Dry Ice Water None

1. Cooler temperature upon receipt ☐ See Multiple Cooler Form

IR GUN # 13 (CF 0.7 °C) Observed Cooler Temp. 5.1 °C Corrected Cooler Temp. 5.8 °C

2. Were tamper/custody seals on the outside of the cooler(s)? If Yes Quantity_____	Yes	No
-Were the seals on the outside of the cooler(s) signed & dated?	Yes No	NA
-Were tamper/custody seals on the bottle(s) or bottle kits (LLHg/MeHg)?	Yes	No
-Were tamper/custody seals intact and uncompromised?	Yes No	NA
3. Shippers' packing slip attached to the cooler(s)?	Yes	No
4. Did custody papers accompany the sample(s)?	Yes	No
5. Were the custody papers relinquished & signed in the appropriate place?	Yes	No
6. Was/were the person(s) who collected the samples clearly identified on the COC?	Yes	No
7. Did all bottles arrive in good condition (Unbroken)?	Yes	No
8. Could all bottle labels (ID/Date/Time) be reconciled with the COC?	Yes	No
9. For each sample, does the COC specify preservatives (Y/N), # of containers (Y/N), and sample type of grab/comp (Y/N)?		
10. Were correct bottle(s) used for the test(s) indicated?	Yes	No
11. Sufficient quantity received to perform indicated analyses?	Yes	No
12. Are these work share samples and all listed on the COC?	Yes	No
If yes, Questions 13-17 have been checked at the originating laboratory.		
13. Were all preserved sample(s) at the correct pH upon receipt?	Yes No	NA pH Strip Lot# HC447997
14. Were VOAs on the COC?	Yes	No JM 10-3
15. Were air bubbles >6 mm in any VOA vials? ● ⬅ Larger than this.	Yes No	NA
16. Was a VOA trip blank present in the cooler(s)? Trip Blank Lot # 0041301F	Yes	No
17. Was a LL Hg or Me Hg trip blank present? _____	Yes	No

Tests that are not checked for pH by Receiving:

VOAs
Oil and Grease
TOC

Contacted PM _____ Date _____ by _____ via Verbal Voice Mail Other

Concerning _____

18. CHAIN OF CUSTODY & SAMPLE DISCREPANCIES ☐ additional next page

Samples processed by:

19. SAMPLE CONDITION

Sample(s) _____ were received after the recommended holding time had expired.

Sample(s) _____ were received in a broken container.

Sample(s) _____ were received with bubble >6 mm in diameter. (Notify PM)

20. SAMPLE PRESERVATION

Sample(s) _____ were further preserved in the laboratory.

Time preserved: _____ Preservative(s) added/Lot number(s): _____

VOA Sample Preservation - Date/Time VOAs Frozen: _____

10/3/2024

Login Container Summary Report

240-212357

10/9/2024

Temperature readings: _____

Client Sample ID	Lab ID	Container Type	Container pH	Container Temp	Preservation Added	Preservation Lot Number
T125-C-0.0	240-212357-A-1	SnapCap 1/2 ounce unpreserved				
T125-C-0.0	240-212357-B-1	Soil jar 2oz - clear glass				
T125-C-0.0	240-212357-C-1	Soil jar 4oz - clear glass				
T125-C-0.0	240-212357-D-1	Soil jar 4oz - clear glass				
T125-C-0.0	240-212357-E-1	Soil jar 4oz - clear glass				
T125-C-0.0	240-212357-F-1	Soil jar 4oz - clear glass				
T125-C-0.0	240-212357-G-1	Soil jar 4oz - clear glass				
T250-E-0.0	240-212357-A-2	SnapCap 1/2 ounce unpreserved				
T250-E-0.0	240-212357-B-2	Soil jar 2oz - clear glass				
T250-E-0.0	240-212357-C-2	Soil jar 4oz - clear glass				
T250-E-0.0	240-212357-D-2	Soil jar 4oz - clear glass				
T250-E-0.0	240-212357-E-2	Soil jar 4oz - clear glass				
T250-E-0.0	240-212357-F-2	Soil jar 4oz - clear glass				
T250-E-0.0	240-212357-G-2	Soil jar 4oz - clear glass				
T250-W-0.0	240-212357-A-3	SnapCap 1/2 ounce unpreserved				
T250-W-0.0	240-212357-B-3	Soil jar 2oz - clear glass				
T250-W-0.0	240-212357-C-3	Soil jar 4oz - clear glass				
T250-W-0.0	240-212357-D-3	Soil jar 4oz - clear glass				
T250-W-0.0	240-212357-E-3	Soil jar 4oz - clear glass				
T250-W-0.0	240-212357-F-3	Soil jar 4oz - clear glass				
T250-W-0.0	240-212357-G-3	Soil jar 4oz - clear glass				
T250-C-0.0	240-212357-A-4	SnapCap 1/2 ounce unpreserved				
T250-C-0.0	240-212357-B-4	Soil jar 2oz - clear glass				
T250-C-0.0	240-212357-C-4	Soil jar 4oz - clear glass				
T250-C-0.0	240-212357-D-4	Soil jar 4oz - clear glass				
T250-C-0.0	240-212357-E-4	Soil jar 4oz - clear glass				
T250-C-0.0	240-212357-F-4	Soil jar 4oz - clear glass				
T250-C-0.0	240-212357-G-4	Soil jar 4oz - clear glass				
T375-E-0.0	240-212357-A-5	SnapCap 1/2 ounce unpreserved				
T375-E-0.0	240-212357-B-5	Soil jar 2oz - clear glass				
T375-E-0.0	240-212357-C-5	Soil jar 4oz - clear glass				
T375-E-0.0	240-212357-D-5	Soil jar 4oz - clear glass				
T375-E-0.0	240-212357-E-5	Soil jar 4oz - clear glass				
T375-E-0.0	240-212357-F-5	Soil jar 4oz - clear glass				
T375-E-0.0	240-212357-G-5	Soil jar 4oz - clear glass				

Client Sample ID	Lab ID	Container Type	Container pH	Container Temp	Preservation Added	Preservation Lot Number
T375-W-0.0	240-212357-A-6	SnapCap 1/2 ounce unpreserved				
T375-W-0.0	240-212357-B-6	Soil jar 2oz - clear glass				
T375-W-0.0	240-212357-C-6	Soil jar 4oz - clear glass				
T375-W-0.0	240-212357-D-6	Soil jar 4oz - clear glass				
T375-W-0.0	240-212357-E-6	Soil jar 4oz - clear glass				
T375-W-0.0	240-212357-F-6	Soil jar 4oz - clear glass				
T375-W-0.0	240-212357-G-6	Soil jar 4oz - clear glass				
T500-E-0.0	240-212357-A-7	SnapCap 1/2 ounce unpreserved				
T500-E-0.0	240-212357-B-7	Soil jar 2oz - clear glass				
T500-E-0.0	240-212357-C-7	Soil jar 4oz - clear glass				
T500-E-0.0	240-212357-D-7	Soil jar 4oz - clear glass				
T500-E-0.0	240-212357-E-7	Soil jar 4oz - clear glass				
T500-E-0.0	240-212357-F-7	Soil jar 4oz - clear glass				
T500-E-0.0	240-212357-G-7	Soil jar 4oz - clear glass				
T500-W-0.0	240-212357-A-8	SnapCap 1/2 ounce unpreserved				
T500-W-0.0	240-212357-B-8	Soil jar 2oz - clear glass				
T500-W-0.0	240-212357-C-8	Soil jar 4oz - clear glass				
T500-W-0.0	240-212357-D-8	Soil jar 4oz - clear glass				
T500-W-0.0	240-212357-E-8	Soil jar 4oz - clear glass				
T500-W-0.0	240-212357-F-8	Soil jar 4oz - clear glass				
T500-W-0.0	240-212357-G-8	Soil jar 4oz - clear glass				
DUP-1-20241003	240-212357-A-9	SnapCap 1/2 ounce unpreserved				
DUP-1-20241003	240-212357-B-9	Soil jar 2oz - clear glass				
DUP-1-20241003	240-212357-C-9	Soil jar 4oz - clear glass				
DUP-1-20241003	240-212357-D-9	Soil jar 4oz - clear glass				
DUP-1-20241003	240-212357-E-9	Soil jar 4oz - clear glass				
DUP-1-20241003	240-212357-F-9	Soil jar 4oz - clear glass				
DUP-1-20241003	240-212357-G-9	Soil jar 4oz - clear glass				
T625-W-0.0	240-212357-A-10	SnapCap 1/2 ounce unpreserved				
T625-W-0.0	240-212357-B-10	Soil jar 2oz - clear glass				
T625-W-0.0	240-212357-C-10	Soil jar 4oz - clear glass				
T625-W-0.0	240-212357-D-10	Soil jar 4oz - clear glass				
T625-W-0.0	240-212357-E-10	Soil jar 4oz - clear glass				
T625-W-0.0	240-212357-F-10	Soil jar 4oz - clear glass				
T625-W-0.0	240-212357-G-10	Soil jar 4oz - clear glass				
T625-C-0.0	240-212357-A-11	SnapCap 1/2 ounce unpreserved				
T625-C-0.0	240-212357-B-11	Soil jar 2oz - clear glass				
T625-C-0.0	240-212357-C-11	Soil jar 4oz - clear glass				

Client Sample ID	Lab ID	Container Type	Container pH	Container Temp	Preservation Added	Preservation Lot Number
T625-C-0.0	240-212357-D-11	Soil jar 4oz - clear glass				
T625-C-0.0	240-212357-E-11	Soil jar 4oz - clear glass				
T625-C-0.0	240-212357-F-11	Soil jar 4oz - clear glass				
T625-C-0.0	240-212357-G-11	Soil jar 4oz - clear glass				
T750-E-0.0	240-212357-A-12	SnapCap 1/2 ounce unpreserved				
T750-E-0.0	240-212357-B-12	Soil jar 2oz - clear glass				
T750-E-0.0	240-212357-C-12	Soil jar 4oz - clear glass				
T750-E-0.0	240-212357-D-12	Soil jar 4oz - clear glass				
T750-E-0.0	240-212357-E-12	Soil jar 4oz - clear glass				
T750-E-0.0	240-212357-F-12	Soil jar 4oz - clear glass				
T750-E-0.0	240-212357-G-12	Soil jar 4oz - clear glass				
T750-W-0.0	240-212357-A-13	SnapCap 1/2 ounce unpreserved				
T750-W-0.0	240-212357-B-13	Soil jar 2oz - clear glass				
T750-W-0.0	240-212357-C-13	Soil jar 4oz - clear glass				
T750-W-0.0	240-212357-D-13	Soil jar 4oz - clear glass				
T750-W-0.0	240-212357-E-13	Soil jar 4oz - clear glass				
T750-W-0.0	240-212357-F-13	Soil jar 4oz - clear glass				
T750-W-0.0	240-212357-G-13	Soil jar 4oz - clear glass				
T625-E-0.0	240-212357-A-14	SnapCap 1/2 ounce unpreserved				
T625-E-0.0	240-212357-B-14	Soil jar 2oz - clear glass				
T625-E-0.0	240-212357-C-14	Soil jar 4oz - clear glass				
T625-E-0.0	240-212357-D-14	Soil jar 4oz - clear glass				
T625-E-0.0	240-212357-E-14	Soil jar 4oz - clear glass				
T625-E-0.0	240-212357-F-14	Soil jar 4oz - clear glass				
T625-E-0.0	240-212357-G-14	Soil jar 4oz - clear glass				
DUP-2-20241003	240-212357-A-15	SnapCap 1/2 ounce unpreserved				
DUP-2-20241003	240-212357-B-15	Soil jar 2oz - clear glass				
DUP-2-20241003	240-212357-C-15	Soil jar 4oz - clear glass				
DUP-2-20241003	240-212357-D-15	Soil jar 4oz - clear glass				
DUP-2-20241003	240-212357-E-15	Soil jar 4oz - clear glass				
DUP-2-20241003	240-212357-F-15	Soil jar 4oz - clear glass				
DUP-2-20241003	240-212357-G-15	Soil jar 4oz - clear glass				
TB-2-20241003	240-212357-A-16	Voa Vial 40ml - Hydrochloric Acid				

Eurofins Cleveland
180 S. Van Buren Avenue
Barberton, OH 44203
Phone (330) 497-9396 Phone (330) 497-0772

Chain of Custody Record

5.1/5.8

eurofins | Environment Testing

Client Information	Sampler: Elisabeth Webber	Lab PM: Kalis, Nicole A	Carrier Tracking No(s):	COC No: 240-124901-43556.5
Client Contact: Kain Lager-Lowe	Phone:	E-Mail: Nicole.Kalis@et.eurofinsus.com	State of Origin:	Page: Page 5 of 12
Company: August Mack Environmental, Inc.	PWSID:			Job #:
Address: 7830 North Central Drive, Suite B	Due Date Requested:			
City: Lewis Center	TAT Requested (days): 3 Day TAT			
State, Zip: OH, 43035	Compliance Project: Δ Yes Δ No			
Phone: 740-548-1515(Tel)	PO #:			
Email: klagerlowe@augustmack.com	WO #:			
Project Name: MSC Canfield - Soil/Surface Water	Project #: DO NOT DELETE - 24033889			
Site:	SSOW#:			

Analysis Requested

Preservation Codes:
N - None
A - HCL
B - NaOH
D - HNO3

Other:

Sample Identification	Sample Date	Sample Time	Sample Type (C=comp, G=grab)	Matrix (W=water, S=solid, O=waste/oil, BT=Tissue, A=Air)	Field Filtered Sample (Yes or No)	Perform MS/MSD (Yes or No)	8260D - VOCs	8270E - SVOCs	8082A - PCBs	6010D, 7471B - RCRA 8, Cu & Zn	9012B - Total Cyanide	7196A - Hexavalent Chromium	1677 - Free Cyanide	Total Number of containers	Special Instructions/Note:
			Preservation Code:				N	N	N	N	N	N	N		
T125-C-0.0	10-3-24	0930	G	Solid	N		X	X	X	X	X	X	X	6	
T250-E-0.0	10-3-24	0945		Solid	N									6	
T250-W-0.0	10-3-24	0940		Solid	N									6	
T250-C-0.0	10-3-24	1000		Solid	N									6	
T375-E-0.0	10-3-24	1020		Solid	N									6	
T375-W-0.0	10-3-24	1025		Solid	N									6	
T500-E-0.0	10-3-24	1030		Solid	N									6	
T500-W-0.0	10-3-24	1035		Solid	N									6	
DUP-1-20241003	10-3-24			Solid	N									6	
T625-W-0.0	10-3-24	1045		Solid	N									6	
T625-C-0.0	10-3-24	1050	↓	Solid	N		↓	↓	↓	↓	↓	↓	↓	6	

240-212357 COC

Possible Hazard Identification
☐ Non-Hazard ☐ Flammable ☐ Skin Irritant ☐ Poison B ☐ Unknown ☐ Radiological

Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)
☐ Return To Client ☐ Disposal By Lab ☐ Archive For _____ Months

Deliverable Requested: I, II, III, IV, Other (specify)

Special Instructions/QC Requirements:

Empty Kit Relinquished by:	Date:	Time:	Method of Shipment:

Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company
	10/3/24 12:00			10-3-24 12:00	
Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company
Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company

Custody Seals Intact: Δ Yes Δ No	Custody Seal No.:	Cooler Temperature(s) °C and Other Remarks:

Eurofins Cleveland
180 S. Van Buren Avenue
Barberton, OH 44203
Phone (330) 497-9396 Phone (330) 497-0772

Chain of Custody Record

eurofins | Environment Testing

Client Information	Sampler:	Lab PM: Kalis, Nicole A	Carrier Tracking No(s):	COC No: 240-124901-43556.3
Client Contact: Kain Lager-Lowe	Phone:	E-Mail: Nicole.Kalis@et.eurofinsus.com	State of Origin:	Page: Page 3 of 12
Company: August Mack Environmental, Inc.	PWSID:			Job #:
Address: 7830 North Central Drive, Suite B	Due Date Requested:			
City: Lewis Center	TAT Requested (days): 3 Day TAT			
State, Zip: OH, 43035	Compliance Project: Δ Yes Δ No			
Phone: 740-548-1515(Tel)	PO #:			
Email: klagerlowe@augustmack.com	WO #:			
Project Name: MSC Canfield - Soil/Surface Water	Project #: DO NOT DELETE - 24033889			
Site:	SSOW#:			

Analysis Requested

Preservation Codes:
N - None
A - HCL
B - NaOH
D - HNO3
Other:

Sample Identification	Sample Date	Sample Time	Sample Type (C=Comp, G=grab)	Matrix (W=water, S=solid, O=waste/oil, BT=Tissue, A=Air)	Field Filtered Sample (Yes or No)	Perform MS/MSD (Yes or No)	8260D - VOCs	8270E - SVOCs	8082A - PCBs	6010D, 7471B - RCRA 8, Cu & Zn	9012B - Total Cyanide	7196A - Hexavalent Chromium	1677 - Free Cyanide	MS/MSD	Total Number of containers	Special Instructions/Note:
			Preservation Code:				N	N	N	N	N	N	N			
T-750-E-0.0	10/3/24	1105	G	Solid			X	X	X	X	X	X	X		6	
T-750-W-0.0	10/3/24	1110	G	Solid											6	
T-625-E-0.0	10/3/24	1040	G	Solid										X	18	
Dup-2-20241003	10/3/24		G	Solid											6	
~~Trip Blank-2-20241003~~ TB	~~10/3/24~~		G	Solid			X								1	
				Solid												
				Solid												
				Solid												
				Solid												
				Solid												
				Solid												

RLL 10/3/24

Possible Hazard Identification
☐ Non-Hazard ☐ Flammable ☐ Skin Irritant ☐ Poison B ☐ Unknown ☐ Radiological

Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)
☐ Return To Client ☐ Disposal By Lab ☐ Archive For _____ Months

Deliverable Requested: I, II, III, IV, Other (specify)

Special Instructions/QC Requirements:

Empty Kit Relinquished by:	Date:	Time:	Method of Shipment:

	Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company
1		10/3/24 12:00			10-3-24 12:00	
2	Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company
3	Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company

Custody Seals Intact: Δ Yes Δ No | Custody Seal No.: | Cooler Temperature(s) °C and Other Remarks:

Eurofins – Cleveland Sample Receipt Form/Narrative **Login # :** _____
Barberton Facility

Client August Mack Site Name _____ Cooler unpacked by: JMOROSKO

Cooler Received on 10/3/24 Opened on 10/3/24

FedEx: 1st Grd Exp UPS FAS Waypoint Client Drop Off Eurofins Courier Other _____

Receipt After-hours: Drop-off Date/Time _____ Storage Location _____

Eurofins Cooler # EC Foam Box Client Cooler Box Other _____

Packing material used: Bubble Wrap Foam Plastic Bag None Other _____

COOLANT: Wet Ice Blue Ice Dry Ice Water None

1. Cooler temperature upon receipt ☐ See Multiple Cooler Form

IR GUN # 13 (CF 0.7 °C) Observed Cooler Temp. 5.1 °C Corrected Cooler Temp. 5.8 °C

2. Were tamper/custody seals on the outside of the cooler(s)? If Yes Quantity_____	Yes	No
-Were the seals on the outside of the cooler(s) signed & dated?	Yes	No NA
-Were tamper/custody seals on the bottle(s) or bottle kits (LLHg/MeHg)?	Yes	No
-Were tamper/custody seals intact and uncompromised?	Yes	No NA
3. Shippers' packing slip attached to the cooler(s)?	Yes	No
4. Did custody papers accompany the sample(s)?	Yes	No
5. Were the custody papers relinquished & signed in the appropriate place?	Yes	No
6. Was/were the person(s) who collected the samples clearly identified on the COC?	Yes	No
7. Did all bottles arrive in good condition (Unbroken)?	Yes	No
8. Could all bottle labels (ID/Date/Time) be reconciled with the COC?	Yes	No
9. For each sample, does the COC specify preservatives (Y/N), # of containers (Y/N), and sample type of grab/comp (Y/N)?		
10. Were correct bottle(s) used for the test(s) indicated?	Yes	No
11. Sufficient quantity received to perform indicated analyses?	Yes	No
12. Are these work share samples and all listed on the COC?	Yes	No
If yes, Questions 13-17 have been checked at the originating laboratory.		
13. Were all preserved sample(s) at the correct pH upon receipt?	Yes	No NA pH Strip Lot# HC447997
14. Were VOAs on the COC?	Yes	No JM 10-3
15. Were air bubbles >6 mm in any VOA vials? ● ← Larger than this.	Yes	No NA
16. Was a VOA trip blank present in the cooler(s)? Trip Blank Lot # 0041301.5	Yes	No
17. Was a LL Hg or Me Hg trip blank present? _____	Yes	No

Tests that are not checked for pH by Receiving:
VOAs
Oil and Grease
TOC

Contacted PM _____ Date _____ by _____ via Verbal Voice Mail Other

Concerning _____

18. CHAIN OF CUSTODY & SAMPLE DISCREPANCIES ☐ additional next page

Samples processed by:

19. SAMPLE CONDITION

Sample(s) _____ were received after the recommended holding time had expired.
Sample(s) _____ were received in a broken container.
Sample(s) _____ were received with bubble >6 mm in diameter. (Notify PM)

20. SAMPLE PRESERVATION

Sample(s) _____ were further preserved in the laboratory.
Time preserved: _____ Preservative(s) added/Lot number(s): _____

VOA Sample Preservation - Date/Time VOAs Frozen: _____

10/3/2024

Login Container Summary Report

240-212357

10/9/2024

Temperature readings: _____

Client Sample ID	Lab ID	Container Type	Container pH	Container Temp	Preservation Added	Preservation Lot Number
T125-C-0.0	240-212357-A-1	SnapCap 1/2 ounce unpreserved				
T125-C-0.0	240-212357-B-1	Soil jar 2oz - clear glass				
T125-C-0.0	240-212357-C-1	Soil jar 4oz - clear glass				
T125-C-0.0	240-212357-D-1	Soil jar 4oz - clear glass				
T125-C-0.0	240-212357-E-1	Soil jar 4oz - clear glass				
T125-C-0.0	240-212357-F-1	Soil jar 4oz - clear glass				
T125-C-0.0	240-212357-G-1	Soil jar 4oz - clear glass				
T250-E-0.0	240-212357-A-2	SnapCap 1/2 ounce unpreserved				
T250-E-0.0	240-212357-B-2	Soil jar 2oz - clear glass				
T250-E-0.0	240-212357-C-2	Soil jar 4oz - clear glass				
T250-E-0.0	240-212357-D-2	Soil jar 4oz - clear glass				
T250-E-0.0	240-212357-E-2	Soil jar 4oz - clear glass				
T250-E-0.0	240-212357-F-2	Soil jar 4oz - clear glass				
T250-E-0.0	240-212357-G-2	Soil jar 4oz - clear glass				
T250-W-0.0	240-212357-A-3	SnapCap 1/2 ounce unpreserved				
T250-W-0.0	240-212357-B-3	Soil jar 2oz - clear glass				
T250-W-0.0	240-212357-C-3	Soil jar 4oz - clear glass				
T250-W-0.0	240-212357-D-3	Soil jar 4oz - clear glass				
T250-W-0.0	240-212357-E-3	Soil jar 4oz - clear glass				
T250-W-0.0	240-212357-F-3	Soil jar 4oz - clear glass				
T250-W-0.0	240-212357-G-3	Soil jar 4oz - clear glass				
T250-C-0.0	240-212357-A-4	SnapCap 1/2 ounce unpreserved				
T250-C-0.0	240-212357-B-4	Soil jar 2oz - clear glass				
T250-C-0.0	240-212357-C-4	Soil jar 4oz - clear glass				
T250-C-0.0	240-212357-D-4	Soil jar 4oz - clear glass				
T250-C-0.0	240-212357-E-4	Soil jar 4oz - clear glass				
T250-C-0.0	240-212357-F-4	Soil jar 4oz - clear glass				
T250-C-0.0	240-212357-G-4	Soil jar 4oz - clear glass				
T375-E-0.0	240-212357-A-5	SnapCap 1/2 ounce unpreserved				
T375-E-0.0	240-212357-B-5	Soil jar 2oz - clear glass				
T375-E-0.0	240-212357-C-5	Soil jar 4oz - clear glass				
T375-E-0.0	240-212357-D-5	Soil jar 4oz - clear glass				
T375-E-0.0	240-212357-E-5	Soil jar 4oz - clear glass				
T375-E-0.0	240-212357-F-5	Soil jar 4oz - clear glass				
T375-E-0.0	240-212357-G-5	Soil jar 4oz - clear glass				

Client Sample ID	Lab ID	Container Type	Container pH	Container Temp	Preservation Added	Preservation Lot Number
T375-W-0.0	240-212357-A-6	SnapCap 1/2 ounce unpreserved				
T375-W-0.0	240-212357-B-6	Soil jar 2oz - clear glass				
T375-W-0.0	240-212357-C-6	Soil jar 4oz - clear glass				
T375-W-0.0	240-212357-D-6	Soil jar 4oz - clear glass				
T375-W-0.0	240-212357-E-6	Soil jar 4oz - clear glass				
T375-W-0.0	240-212357-F-6	Soil jar 4oz - clear glass				
T375-W-0.0	240-212357-G-6	Soil jar 4oz - clear glass				
T500-E-0.0	240-212357-A-7	SnapCap 1/2 ounce unpreserved				
T500-E-0.0	240-212357-B-7	Soil jar 2oz - clear glass				
T500-E-0.0	240-212357-C-7	Soil jar 4oz - clear glass				
T500-E-0.0	240-212357-D-7	Soil jar 4oz - clear glass				
T500-E-0.0	240-212357-E-7	Soil jar 4oz - clear glass				
T500-E-0.0	240-212357-F-7	Soil jar 4oz - clear glass				
T500-E-0.0	240-212357-G-7	Soil jar 4oz - clear glass				
T500-W-0.0	240-212357-A-8	SnapCap 1/2 ounce unpreserved				
T500-W-0.0	240-212357-B-8	Soil jar 2oz - clear glass				
T500-W-0.0	240-212357-C-8	Soil jar 4oz - clear glass				
T500-W-0.0	240-212357-D-8	Soil jar 4oz - clear glass				
T500-W-0.0	240-212357-E-8	Soil jar 4oz - clear glass				
T500-W-0.0	240-212357-F-8	Soil jar 4oz - clear glass				
T500-W-0.0	240-212357-G-8	Soil jar 4oz - clear glass				
DUP-1-20241003	240-212357-A-9	SnapCap 1/2 ounce unpreserved				
DUP-1-20241003	240-212357-B-9	Soil jar 2oz - clear glass				
DUP-1-20241003	240-212357-C-9	Soil jar 4oz - clear glass				
DUP-1-20241003	240-212357-D-9	Soil jar 4oz - clear glass				
DUP-1-20241003	240-212357-E-9	Soil jar 4oz - clear glass				
DUP-1-20241003	240-212357-F-9	Soil jar 4oz - clear glass				
DUP-1-20241003	240-212357-G-9	Soil jar 4oz - clear glass				
T625-W-0.0	240-212357-A-10	SnapCap 1/2 ounce unpreserved				
T625-W-0.0	240-212357-B-10	Soil jar 2oz - clear glass				
T625-W-0.0	240-212357-C-10	Soil jar 4oz - clear glass				
T625-W-0.0	240-212357-D-10	Soil jar 4oz - clear glass				
T625-W-0.0	240-212357-E-10	Soil jar 4oz - clear glass				
T625-W-0.0	240-212357-F-10	Soil jar 4oz - clear glass				
T625-W-0.0	240-212357-G-10	Soil jar 4oz - clear glass				
T625-C-0.0	240-212357-A-11	SnapCap 1/2 ounce unpreserved				
T625-C-0.0	240-212357-B-11	Soil jar 2oz - clear glass				
T625-C-0.0	240-212357-C-11	Soil jar 4oz - clear glass				

Client Sample ID	Lab ID	Container Type	Container pH	Container Temp	Preservation Added	Preservation Lot Number
T625-C-0.0	240-212357-D-11	Soil jar 4oz - clear glass				
T625-C-0.0	240-212357-E-11	Soil jar 4oz - clear glass				
T625-C-0.0	240-212357-F-11	Soil jar 4oz - clear glass				
T625-C-0.0	240-212357-G-11	Soil jar 4oz - clear glass				
T750-E-0.0	240-212357-A-12	SnapCap 1/2 ounce unpreserved				
T750-E-0.0	240-212357-B-12	Soil jar 2oz - clear glass				
T750-E-0.0	240-212357-C-12	Soil jar 4oz - clear glass				
T750-E-0.0	240-212357-D-12	Soil jar 4oz - clear glass				
T750-E-0.0	240-212357-E-12	Soil jar 4oz - clear glass				
T750-E-0.0	240-212357-F-12	Soil jar 4oz - clear glass				
T750-E-0.0	240-212357-G-12	Soil jar 4oz - clear glass				
T750-W-0.0	240-212357-A-13	SnapCap 1/2 ounce unpreserved				
T750-W-0.0	240-212357-B-13	Soil jar 2oz - clear glass				
T750-W-0.0	240-212357-C-13	Soil jar 4oz - clear glass				
T750-W-0.0	240-212357-D-13	Soil jar 4oz - clear glass				
T750-W-0.0	240-212357-E-13	Soil jar 4oz - clear glass				
T750-W-0.0	240-212357-F-13	Soil jar 4oz - clear glass				
T750-W-0.0	240-212357-G-13	Soil jar 4oz - clear glass				
T625-E-0.0	240-212357-A-14	SnapCap 1/2 ounce unpreserved				
T625-E-0.0	240-212357-B-14	Soil jar 2oz - clear glass				
T625-E-0.0	240-212357-C-14	Soil jar 4oz - clear glass				
T625-E-0.0	240-212357-D-14	Soil jar 4oz - clear glass				
T625-E-0.0	240-212357-E-14	Soil jar 4oz - clear glass				
T625-E-0.0	240-212357-F-14	Soil jar 4oz - clear glass				
T625-E-0.0	240-212357-G-14	Soil jar 4oz - clear glass				
DUP-2-20241003	240-212357-A-15	SnapCap 1/2 ounce unpreserved				
DUP-2-20241003	240-212357-B-15	Soil jar 2oz - clear glass				
DUP-2-20241003	240-212357-C-15	Soil jar 4oz - clear glass				
DUP-2-20241003	240-212357-D-15	Soil jar 4oz - clear glass				
DUP-2-20241003	240-212357-E-15	Soil jar 4oz - clear glass				
DUP-2-20241003	240-212357-F-15	Soil jar 4oz - clear glass				
DUP-2-20241003	240-212357-G-15	Soil jar 4oz - clear glass				
TB-2-20241003	240-212357-A-16	Voa Vial 40ml - Hydrochloric Acid				

Eurofins Cleveland
180 S. Van Buren Avenue
Barberton, OH 44203
Phone: 330-497-9396 Fax: 330-497-0772

Chain of Custody Record

eurofins | Environment Testing

Client Information (Sub Contract Lab)	Sampler:	Lab PM: Kalis, Nicole A	Carrier Tracking No(s):	COC No: 240-191633.1
Client Contact: Shipping/Receiving	Phone:	E-Mail: Nicole.Kalis@et.eurofinsus.com	State of Origin: Ohio	Page: Page 1 of 2
Company: Eurofins Lancaster Laboratories Environm		Accreditations Required (See note):		Job #: 240-212357-2
Address: 2425 New Holland Pike, ,	Due Date Requested: 10/10/2024	Analysis Requested		Preservation Codes: -
City: Lancaster	TAT Requested (days):			
State, Zip: PA, 17601				
Phone: 717-656-2300(Tel)	PO #:			
Email:	WO #:			
Project Name: MSC Canfield - Soil	Project #: 24033889			Other:
Site:	SSOW#:			

Sample Identification - Client ID (Lab ID)	Sample Date	Sample Time	Sample Type (C=Comp, G=grab)	Matrix (W=water, S=solid, O=waste/oil, BT=Tissue, A=Air)	Field Filtered Sample (Yes or No)	Perform MS/MSD (Yes or No)	1677_Free/ASTM_LEACH_NP Cyanide, Free	7196A/3060A Chromium, Hexavalent	Total Number of containers	Special Instructions/Note:
		Preservation Code:								
T125-C-0.0 (240-212357-1)	10/3/24	09:30 Eastern	G	Solid			X	X	2	Use caution! Site contaminated with solvent waste
T250-E-0.0 (240-212357-2)	10/3/24	09:45 Eastern	G	Solid			X	X	2	Use caution! Site contaminated with solvent waste
T250-W-0.0 (240-212357-3)	10/3/24	09:40 Eastern	G	Solid			X	X	2	Use caution! Site contaminated with solvent waste
T250-C-0.0 (240-212357-4)	10/3/24	10:00 Eastern	G	Solid			X	X	2	Use caution! Site contaminated with solvent waste
T375-E-0.0 (240-212357-5)	10/3/24	10:20 Eastern	G	Solid			X	X	2	Use caution! Site contaminated with solvent waste
T375-W-0.0 (240-212357-6)	10/3/24	10:25 Eastern	G	Solid			X	X	2	Use caution! Site contaminated with solvent waste
T500-E-0.0 (240-212357-7)	10/3/24	10:30 Eastern	G	Solid			X	X	2	Use caution! Site contaminated with solvent waste
T500-W-0.0 (240-212357-8)	10/3/24	10:35 Eastern	G	Solid			X	X	2	Use caution! Site contaminated with solvent waste
DUP-1-20241003 (240-212357-9)	10/3/24	Eastern	G	Solid			X	X	2	Use caution! Site contaminated with solvent waste

Note: Since laboratory accreditations are subject to change, Eurofins Environment Testing North Central, LLC places the ownership of method, analyte & accreditation compliance upon our subcontract laboratories. This sample shipment is forwarded under chain-of-custody. If the laboratory does not currently maintain accreditation in the State of Origin listed above for analysis/tests/matrix being analyzed, the samples must be shipped back to the Eurofins Environment Testing North Central, LLC laboratory or other instructions will be provided. Any changes to accreditation status should be brought to Eurofins Environment Testing North Central, LLC attention immediately. If all requested accreditations are current to date, return the signed Chain of Custody attesting to said compliance to Eurofins Environment Testing North Central, LLC.

Possible Hazard Identification	*Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)*
Unconfirmed	☐ *Return To Client* ☐ *Disposal By Lab* ☐ *Archive For* _____ *Months*
Deliverable Requested: I, II, III, IV, Other (specify) Primary Deliverable Rank: 2	Special Instructions/QC Requirements:

Empty Kit Relinquished by:	Date:	Time:	Method of Shipment:

	Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company
1	Relinquished by: MALISSA LOAR	10-4-24		Received by:		
2	Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company
3	Relinquished by:	Date/Time:	Company	Received by:	Date/Time: 10/5/24 10:00	Company ELAT

Custody Seals Intact: Δ Yes Δ No | Custody Seal No.: | Cooler Temperature(s) °C and Other Remarks: 4.6/4.3 2.7/2.4

Ver: 05/06/2024

Eurofins Cleveland
180 S. Van Buren Avenue
Barberton, OH 44203
Phone: 330-497-9396 Fax: 330-497-0772

Chain of Custody Record

eurofins | Environment Testing

Client Information (Sub Contract Lab)	Sampler:	Lab PM: Kalis, Nicole A	Carrier Tracking No(s):	COC No: 240-191633.2
Client Contact: Shipping/Receiving	Phone:	E-Mail: Nicole.Kalis@et.eurofinsus.com	State of Origin: Ohio	Page: Page 2 of 2
Company: Eurofins Lancaster Laboratories Environm		Accreditations Required (See note):		Job #: 240-212357-2
Address: 2425 New Holland Pike, ,	Due Date Requested: 10/10/2024			Preservation Codes: -
City: Lancaster	TAT Requested (days):			
State, Zip: PA, 17601				
Phone: 717-656-2300(Tel)	PO #:			
Email:	WO #:			
Project Name: MSC Canfield - Soil	Project #: 24033889			Other:
Site:	SSOW#:			

Analysis Requested

Sample Identification - Client ID (Lab ID)	Sample Date	Sample Time	Sample Type (C=comp, G=grab)	Matrix (W=water, S=solid, O=waste/oil, BT=Tissue, A=Air)	Field Filtered Sample (Yes or No)	Perform MS/MSD (Yes or No)	1677_Free/ASTM_LEACH_NP Cyanide, Free	7196A/3060A Chromium, Hexavalent	Total Number of containers	Special Instructions/Note:
			Preservation Code:							
T625-W-0.0 (240-212357-10)	10/3/24	10:45 Eastern	G	Solid			X	X	2	Use caution! Site contaminated with solvent waste
T625-C-0.0 (240-212357-11)	10/3/24	10:50 Eastern	G	Solid			X	X	2	Use caution! Site contaminated with solvent waste
T750-E-0.0 (240-212357-12)	10/3/24	11:05 Eastern	G	Solid			X	X	2	Use caution! Site contaminated with solvent waste
T750-W-0.0 (240-212357-13)	10/3/24	11:10 Eastern	G	Solid			X	X	2	Use caution! Site contaminated with solvent waste
T625-E-0.0 (240-212357-14)	10/3/24	10:40 Eastern	G	Solid			X	X	2	Use caution! Site contaminated with solvent waste
T625-E-0.0 (240-212357-14MS)	10/3/24	10:40 Eastern	G	Solid			X	X	2	Use caution! Site contaminated with solvent waste
T625-E-0.0 (240-212357-14MSD)	10/3/24	10:40 Eastern	G	Solid			X	X	2	Use caution! Site contaminated with solvent waste
DUP-2-20241003 (240-212357-15)	10/3/24	Eastern	G	Solid			X	X	2	Use caution! Site contaminated with solvent waste

Note: Since laboratory accreditations are subject to change, Eurofins Environment Testing North Central, LLC places the ownership of method, analyte & accreditation compliance upon our subcontract laboratories. This sample shipment is forwarded under chain-of-custody. If the laboratory does not currently maintain accreditation in the State of Origin listed above for analysis/tests/matrix being analyzed, the samples must be shipped back to the Eurofins Environment Testing North Central, LLC laboratory or other instructions will be provided. Any changes to accreditation status should be brought to Eurofins Environment Testing North Central, LLC attention immediately. If all requested accreditations are current to date, return the signed Chain of Custody attesting to said compliance to Eurofins Environment Testing North Central, LLC.

Possible Hazard Identification	*Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)*
Unconfirmed	☐ *Return To Client* ☐ *Disposal By Lab* ☐ *Archive For* _____ *Months*
Deliverable Requested: I, II, III, IV, Other (specify) Primary Deliverable Rank: 2	Special Instructions/QC Requirements:

Empty Kit Relinquished by:	Date:	Time:	Method of Shipment:

Relinquished by:	Date/Time: 10-4-24	Company	Received by:	Date/Time:	Company
Relinquished by: MELISSA LOAR	Date/Time:	Company	Received by:	Date/Time:	Company
Relinquished by:	Date/Time:	Company	Received by:	Date/Time: 10/5/24 10:00	Company ECLET

Custody Seals Intact: ∆ Yes ∆ No	Custody Seal No.:	Cooler Temperature(s) °C and Other Remarks: 4.6/4.3 2.7/2.4

Ver: 05/06/2024

Eurofins Cleveland
180 S. Van Buren Avenue
Barberton, OH 44203
Phone: 330-497-9396 Fax: 330-497-0772

Chain of Custody Record

eurofins | Environment Testing

Client Information (Sub Contract Lab)	Sampler:	Lab PM: Kalis, Nicole A	Carrier Tracking No(s):	COC No: 240-191633.1
Client Contact: Shipping/Receiving	Phone:	E-Mail: Nicole.Kalis@et.eurofinsus.com	State of Origin: Ohio	Page: Page 1 of 1
Company: Eurofins Lancaster Laboratories Environm		Accreditations Required (See note):		Job #: 240-212357-1
Address: 2425 New Holland Pike,	Due Date Requested: 10/8/2024	Analysis Requested		Preservation Codes: -
City: Lancaster	TAT Requested (days):			
State, Zip: PA, 17601	PO #:			
Phone: 717-656-2300(Tel)	WO #:			
Email:	Project #: 24033889			
Project Name: MSC Canfield - Soil	SSOW#:			Other:
Site:				

Sample Identification - Client ID (Lab ID)	Sample Date	Sample Time	Sample Type (C=Comp, G=grab)	Matrix (W=water, S=solid, O=waste/oil, BT=Tissue, A=Air)	Field Filtered Sample (Yes or No)	Perform MS/MSD (Yes or No)	7196A/3060A Chromium, Hexavalent	Total Number of containers	Special Instructions/Note:
			Preservation Code:						
T625-E-0.0 (240-212357-14MSI)	10/3/24	10:40 Eastern	G	Solid			X	1	Use caution! Site contaminated with solvent waste
T625-E-0.0 (240-212357-14MSS)	10/3/24	10:40 Eastern	G	Solid			X	1	Use caution! Site contaminated with solvent waste

Note: Since laboratory accreditations are subject to change, Eurofins Environment Testing North Central, LLC places the ownership of method, analyte & accreditation compliance upon our subcontract laboratories. This sample shipment is forwarded under chain-of-custody. If the laboratory does not currently maintain accreditation in the State of Origin listed above for analysis/tests/matrix being analyzed, the samples must be shipped back to the Eurofins Environment Testing North Central, LLC laboratory or other instructions will be provided. Any changes to accreditation status should be brought to Eurofins Environment Testing North Central, LLC attention immediately. If all requested accreditations are current to date, return the signed Chain of Custody attesting to said compliance to Eurofins Environment Testing North Central, LLC.

Possible Hazard Identification	Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)
Unconfirmed	☐ Return To Client ☐ Disposal By Lab ☐ Archive For _____ Months
Deliverable Requested: I, II, III, IV, Other (specify) Primary Deliverable Rank: 2	Special Instructions/QC Requirements:

Empty Kit Relinquished by:	Date:	Time:	Method of Shipment:

	Relinquished by: MELISSA LOAR	Date/Time: 10-4-24	Company	Received by:	Date/Time:	Company
	Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company
	Relinquished by:	Date/Time:	Company	Received by:	Date/Time: 10/5/24 10:00	Company ECLET

Custody Seals Intact: ∆ Yes ∆ No	Custody Seal No.:	Cooler Temperature(s) °C and Other Remarks: 4.1/4.3 2.7/2.4

Login Sample Receipt Checklist

Client: August Mack Environmental, Inc. Job Number: 240-212357-1

Login Number: 212357 **List Source: Eurofins Lancaster Laboratories Environment Testing, LLC**
List Number: 2 **List Creation: 10/05/24 02:56 PM**
Creator: McCaskey, Jonathan

Question	Answer	Comment
The cooler's custody seal is intact.	N/A	
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	True	
Cooler Temperature acceptable,where thermal pres is required(</=6C, not frozen).	True	
Cooler Temperature is recorded.	True	
WV:Container Temp acceptable,where thermal pres is required (</=6C, not frozen).	N/A	
WV: Container Temperature is recorded.	N/A	
COC is present.	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information.	True	
There are no discrepancies between the containers received and the COC.	True	
Sample containers have legible labels.	True	
Containers are not broken or leaking.	True	
Sample collection date/times are provided.	True	
Appropriate sample containers are used.	True	
Sample bottles are completely filled.	True	
There is sufficient vol. for all requested analyses.	True	
Is the Field Sampler's name present on COC?	False	Received project as a subcontract.
Sample custody seals are intact.	N/A	
VOA sample vials do not have headspace >6mm in diameter (none, if from WV)?	N/A	

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ANALYTICAL REPORT

PREPARED FOR

Attn: Kain Lager-Lowe
August Mack Environmental, Inc.
7830 North Central Drive, Suite B
Lewis Center, Ohio 43035

Generated 10/10/2024 1:06:42 PM

JOB DESCRIPTION

MSC Canfield - Soil

JOB NUMBER

240-212437-1

Eurofins Cleveland
180 S. Van Buren Avenue
Barberton OH 44203

See page two for job notes and contact information.

my EOL

Job Notes

This report may not be reproduced except in full, and with written approval from the laboratory. The results relate only to the samples tested. For questions please contact the Project Manager at the e-mail address or telephone number listed on this page.

The test results in this report relate only to the samples as received by the laboratory and will meet all requirements of the methodology, with any exceptions noted. This report shall not be reproduced except in full, without the express written approval of the laboratory. All questions should be directed to the Eurofins Environment Testing North Central, LLC Project Manager.

Authorization



Generated
10/10/2024 1:06:42 PM

Authorized for release by
Nicole Kalis, Project Manager I
Nicole.Kalis@et.eurofinsus.com
(330)497-9396

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Qualifiers

GC/MS VOA

Qualifier	Qualifier Description
^3+	Reporting Limit Check Standard is outside acceptance limits, high biased
J	Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.
S1+	Surrogate recovery exceeds control limits, high biased.

GC/MS Semi VOA

Qualifier	Qualifier Description
J	Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.
S1-	Surrogate recovery exceeds control limits, low biased.

GC Semi VOA

Qualifier	Qualifier Description
J	Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.

Metals

Qualifier	Qualifier Description
J	Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.

General Chemistry

Qualifier	Qualifier Description
4	MS, MSD: The analyte present in the original sample is greater than 4 times the matrix spike concentration; therefore, control limits are not applicable.
F2	MS/MSD RPD exceeds control limits
J	Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.

Glossary

Abbreviation	These commonly used abbreviations may or may not be present in this report.
☼	Listed under the "D" column to designate that the result is reported on a dry weight basis
%R	Percent Recovery
CFL	Contains Free Liquid
CFU	Colony Forming Unit
CNF	Contains No Free Liquid
DER	Duplicate Error Ratio (normalized absolute difference)
Dil Fac	Dilution Factor
DL	Detection Limit (DoD/DOE)
DL, RA, RE, IN	Indicates a Dilution, Re-analysis, Re-extraction, or additional Initial metals/anion analysis of the sample
DLC	Decision Level Concentration (Radiochemistry)
EDL	Estimated Detection Limit (Dioxin)
LOD	Limit of Detection (DoD/DOE)
LOQ	Limit of Quantitation (DoD/DOE)
MCL	EPA recommended "Maximum Contaminant Level"
MDA	Minimum Detectable Activity (Radiochemistry)
MDC	Minimum Detectable Concentration (Radiochemistry)
MDL	Method Detection Limit
ML	Minimum Level (Dioxin)
MPN	Most Probable Number
MQL	Method Quantitation Limit
NC	Not Calculated
ND	Not Detected at the reporting limit (or MDL or EDL if shown)
NEG	Negative / Absent
POS	Positive / Present
PQL	Practical Quantitation Limit
PRES	Presumptive
QC	Quality Control
RER	Relative Error Ratio (Radiochemistry)
RL	Reporting Limit or Requested Limit (Radiochemistry)

Glossary (Continued)

Abbreviation	These commonly used abbreviations may or may not be present in this report.
RPD	Relative Percent Difference, a measure of the relative difference between two points
TEF	Toxicity Equivalent Factor (Dioxin)
TEQ	Toxicity Equivalent Quotient (Dioxin)
TNTC	Too Numerous To Count

Job Narrative
240-212437-1

Analytical test results meet all requirements of the associated regulatory program listed on the Accreditation/Certification Summary Page unless otherwise noted under the individual analysis. Data qualifiers and/or narrative comments are included to explain any exceptions, if applicable.

- Matrix QC may not be reported if insufficient sample is provided or site-specific QC samples were not submitted. In these situations, to demonstrate precision and accuracy at a batch level, a LCS/LCSD may be performed, unless otherwise specified in the method.
- Surrogate and/or isotope dilution analyte recoveries (if applicable) which are outside of the QC window are confirmed unless attributed to a dilution or otherwise noted in the narrative.

Regulated compliance samples (e.g. SDWA, NPDES) must comply with the associated agency requirements/permits.

Receipt
The samples were received on 10/4/2024 4:30 PM. Unless otherwise noted below, the samples arrived in good condition, and, where required, properly preserved and on ice. The temperatures of the 2 coolers at receipt time were 2.1°C and 2.5°C.

GC/MS VOA
Method 8260D: The continuing calibration verification (CCV) associated with batch 240-629641 recovered above the upper control limit for 1,1,2-Trichloro-1,2,2-trifluoroethane and Carbon disulfide. The samples associated with this CCV were non-detects for the affected analytes; therefore, the data have been reported. The associated samples are impacted: TB3-20241003 (240-212437-11) and TB4-20241004 (240-212437-17).

Method 8260D: The continuing calibration verification (CCV) analyzed in batch 240-629641 was outside the method criteria for the following analyte(s): Dichlorodifluoromethane and Vinyl chloride. A CCV standard at or below the reporting limit (RL) was analyzed with the affected samples and found to be acceptable. As indicated in the reference method, sample analysis may proceed; however, any detection for the affected analyte(s) is considered estimated.TB3-20241003 (240-212437-11) and TB4-20241004 (240-212437-17)

Method 8260D: Surrogate recovery for the following samples were outside the upper control limit: TB3-20241003 (240-212437-11) and TB4-20241004 (240-212437-17). This sample did not contain any target analytes; therefore, re-extraction and/or re-analysis was not performed.

Method 8260D: Batch will not be reported with MS/MSD as parent sample was above calibration limits

Method 8260D: The continuing calibration verification (CCV) associated with batch 240-629628 recovered above the upper control limit for Trichlorofluoromethane. The samples associated with this CCV were non-detects for the affected analytes; therefore, the data have been reported.

Method 8260D: A MS/MSD was prepared for batch 240-629628, but was not analyzed due to an instrument malfunction. An acceptable LCS was analyzed and reported. No further corrective action was taken.

T875-W-0.0 (240-212437-1), T875-E-0.0 (240-212437-2), T875-C-0.0 (240-212437-3), T1000-W-0.0 (240-212437-4), T1000-E-0.0 (240-212437-5), T1000-C-0.0 (240-212437-6), T1125-W-0.0 (240-212437-7), T1125-E-0.0 (240-212437-8), T1125-C-0.0 (240-212437-9), DUP3-20241003 (240-212437-10), T125-E-2.0 (240-212437-12) and T125-W-2.0 (240-212437-13)

Method 8260D: The continuing calibration verification (CCV) associated with batch 240-629668 recovered above the upper control limit for Trichlorofluoromethane. The samples associated with this CCV were non-detects for the affected analytes; therefore, the data have been reported.

No additional analytical or quality issues were noted, other than those described above or in the Definitions/ Glossary page.

GC/MS Semi VOA
Method 8270E: The continuing calibration verification (CCV) associated with batch 240-629877 recovered above the upper control limit for Hexachlorocyclopentadiene. The sample(s) associated with this CCV were non-detect for the affected analyte; therefore, the data have been reported. The associated samples are impacted: T875-W-0.0 (240-212437-1), T875-E-0.0 (240-212437-2), T875-C-0.0 (240-212437-3), T1000-W-0.0 (240-212437-4), T1000-E-0.0 (240-212437-5), T1000-C-0.0 (240-212437-6), T1125-W-0.0 (240-212437-7), T1125-E-0.0 (240-212437-8), T1125-C-0.0 (240-212437-9), DUP3-20241003 (240-212437-10), T125-E-2.0

(240-212437-12), T125-W-2.0 (240-212437-13), T250-E-2.0 (240-212437-14), T250-W-2.0 (240-212437-15) and T250-W-4.0 (240-212437-16).

Method 8270E: Six surrogates are used for this analysis. The laboratory's SOP allows one acid and one base of these surrogates to be outside acceptance criteria without performing re-extraction/re-analysis. The following sample contained an allowable number of surrogate compounds outside limits: DUP3-20241003 (240-212437-10). These results have been reported and qualified.

No additional analytical or quality issues were noted, other than those described above or in the Definitions/ Glossary page.

PCBs
Method 8082A: The following samples required a tetrabutylammonium sulfite (TBA) clean-up to reduce matrix interferences caused by sulfur: T125-E-2.0 (240-212437-12), T125-W-2.0 (240-212437-13), T250-E-2.0 (240-212437-14), T250-W-2.0 (240-212437-15), T250-W-4.0 (240-212437-16), (240-212512-B-1-A), (240-212512-B-1-B MS) and (240-212512-B-1-C MSD).

No additional analytical or quality issues were noted, other than those described above or in the Definitions/ Glossary page.

Metals
Method 6010D: The following sample was diluted due to the nature of the sample matrix: T1000-E-0.0 (240-212437-5). Elevated reporting limits (RLs) are provided.

No additional analytical or quality issues were noted, other than those described above or in the Definitions/ Glossary page.

General Chemistry
No additional analytical or quality issues were noted, other than those described above or in the Definitions/ Glossary page.

Method Summary

Client: August Mack Environmental, Inc.
Project/Site: MSC Canfield - Soil

Job ID: 240-212437-1

Method	Method Description	Protocol	Laboratory
8260D	Volatile Organic Compounds by GC/MS	SW846	EET CLE
8270E	Semivolatile Organic Compounds (GC/MS)	SW846	EET CLE
8082A	Polychlorinated Biphenyls (PCBs) by Gas Chromatography	SW846	EET CLE
6010D	Metals (ICP)	SW846	EET CLE
7471B	Mercury (CVAA)	SW846	EET CLE
9012B	Cyanide, Total andor Amenable	SW846	EET CLE
Moisture	Percent Moisture	EPA	EET CLE
3050B	Preparation, Metals	SW846	EET CLE
3546	Microwave Extraction	SW846	EET CLE
5030C	Purge and Trap	SW846	EET CLE
7471B	Preparation, Mercury	SW846	EET CLE
9012B	Cyanide, Total and/or Amenable, Distillation	SW846	EET CLE

Protocol References:

EPA = US Environmental Protection Agency

SW846 = "Test Methods For Evaluating Solid Waste, Physical/Chemical Methods", Third Edition, November 1986 And Its Updates.

Laboratory References:

EET CLE = Eurofins Cleveland, 180 S. Van Buren Avenue, Barberton, OH 44203, TEL (330)497-9396

Sample Summary

Client: August Mack Environmental, Inc.
Project/Site: MSC Canfield - Soil

Job ID: 240-212437-1

Lab Sample ID	Client Sample ID	Matrix	Collected	Received
240-212437-1	T875-W-0.0	Solid	10/03/24 13:50	10/04/24 16:30
240-212437-2	T875-E-0.0	Solid	10/03/24 13:55	10/04/24 16:30
240-212437-3	T875-C-0.0	Solid	10/03/24 13:55	10/04/24 16:30
240-212437-4	T1000-W-0.0	Solid	10/03/24 14:14	10/04/24 16:30
240-212437-5	T1000-E-0.0	Solid	10/03/24 14:07	10/04/24 16:30
240-212437-6	T1000-C-0.0	Solid	10/03/24 14:24	10/04/24 16:30
240-212437-7	T1125-W-0.0	Solid	10/03/24 14:35	10/04/24 16:30
240-212437-8	T1125-E-0.0	Solid	10/03/24 14:35	10/04/24 16:30
240-212437-9	T1125-C-0.0	Solid	10/03/24 14:50	10/04/24 16:30
240-212437-10	DUP3-20241003	Solid	10/03/24 00:00	10/04/24 16:30
240-212437-11	TB3-20241003	Water	10/03/24 00:00	10/04/24 16:30
240-212437-12	T125-E-2.0	Solid	10/03/24 15:40	10/04/24 16:30
240-212437-13	T125-W-2.0	Solid	10/04/24 11:04	10/04/24 16:30
240-212437-14	T250-E-2.0	Solid	10/04/24 11:30	10/04/24 16:30
240-212437-15	T250-W-2.0	Solid	10/04/24 12:10	10/04/24 16:30
240-212437-16	T250-W-4.0	Solid	10/04/24 12:12	10/04/24 16:30
240-212437-17	TB4-20241004	Water	10/04/24 00:00	10/04/24 16:30

Detection Summary

Client: August Mack Environmental, Inc.
Project/Site: MSC Canfield - Soil

Job ID: 240-212437-1

Client Sample ID: T875-W-0.0

Lab Sample ID: 240-212437-1

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
2-Methylnaphthalene	63		56	18	ug/Kg	1	☼	8270E	Total/NA
Acenaphthene	23	J	56	20	ug/Kg	1	☼	8270E	Total/NA
Acenaphthylene	27	J	56	21	ug/Kg	1	☼	8270E	Total/NA
Anthracene	52	J	56	17	ug/Kg	1	☼	8270E	Total/NA
Benzo[a]anthracene	270		56	21	ug/Kg	1	☼	8270E	Total/NA
Benzo[a]pyrene	350		56	20	ug/Kg	1	☼	8270E	Total/NA
Benzo[b]fluoranthene	660		56	17	ug/Kg	1	☼	8270E	Total/NA
Benzo[g,h,i]perylene	300		56	38	ug/Kg	1	☼	8270E	Total/NA
Benzo[k]fluoranthene	210		56	14	ug/Kg	1	☼	8270E	Total/NA
Bis(2-ethylhexyl) phthalate	110	J	210	78	ug/Kg	1	☼	8270E	Total/NA
Carbazole	56	J	140	38	ug/Kg	1	☼	8270E	Total/NA
Chrysene	430		56	20	ug/Kg	1	☼	8270E	Total/NA
Dibenz(a,h)anthracene	69		56	21	ug/Kg	1	☼	8270E	Total/NA
Fluoranthene	690		56	20	ug/Kg	1	☼	8270E	Total/NA
Fluorene	21	J	56	20	ug/Kg	1	☼	8270E	Total/NA
Indeno[1,2,3-cd]pyrene	230		56	17	ug/Kg	1	☼	8270E	Total/NA
Naphthalene	46	J	56	18	ug/Kg	1	☼	8270E	Total/NA
Phenanthrene	260		56	18	ug/Kg	1	☼	8270E	Total/NA
Pyrene	540		56	22	ug/Kg	1	☼	8270E	Total/NA
Arsenic	12		1.7	0.36	mg/Kg	1	☼	6010D	Total/NA
Barium	68		23	0.14	mg/Kg	1	☼	6010D	Total/NA
Cadmium	0.38	J	0.57	0.055	mg/Kg	1	☼	6010D	Total/NA
Chromium	18		1.1	0.39	mg/Kg	1	☼	6010D	Total/NA
Copper	31		2.9	0.80	mg/Kg	1	☼	6010D	Total/NA
Lead	32		1.1	0.32	mg/Kg	1	☼	6010D	Total/NA
Zinc	430		5.7	4.1	mg/Kg	1	☼	6010D	Total/NA
Mercury	0.034	J	0.15	0.026	mg/Kg	1	☼	7471B	Total/NA
Cyanide, Total	23		3.7	2.9	mg/Kg	5	☼	9012B	Total/NA

Client Sample ID: T875-E-0.0

Lab Sample ID: 240-212437-2

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
2-Methylnaphthalene	40	J	47	15	ug/Kg	1	☼	8270E	Total/NA
Benzo[a]anthracene	37	J	47	18	ug/Kg	1	☼	8270E	Total/NA
Benzo[a]pyrene	38	J	47	17	ug/Kg	1	☼	8270E	Total/NA
Benzo[b]fluoranthene	56		47	14	ug/Kg	1	☼	8270E	Total/NA
Benzo[g,h,i]perylene	34	J	47	32	ug/Kg	1	☼	8270E	Total/NA
Benzo[k]fluoranthene	22	J	47	12	ug/Kg	1	☼	8270E	Total/NA
Chrysene	47		47	17	ug/Kg	1	☼	8270E	Total/NA
Fluoranthene	67		47	17	ug/Kg	1	☼	8270E	Total/NA
Indeno[1,2,3-cd]pyrene	18	J	47	14	ug/Kg	1	☼	8270E	Total/NA
Naphthalene	29	J	47	15	ug/Kg	1	☼	8270E	Total/NA
Phenanthrene	36	J	47	15	ug/Kg	1	☼	8270E	Total/NA
Pyrene	57		47	19	ug/Kg	1	☼	8270E	Total/NA
Arsenic	9.8		1.5	0.31	mg/Kg	1	☼	6010D	Total/NA
Barium	44		20	0.12	mg/Kg	1	☼	6010D	Total/NA
Cadmium	0.23	J	0.49	0.047	mg/Kg	1	☼	6010D	Total/NA
Chromium	11		0.98	0.34	mg/Kg	1	☼	6010D	Total/NA
Copper	15		2.5	0.69	mg/Kg	1	☼	6010D	Total/NA
Lead	14		0.98	0.28	mg/Kg	1	☼	6010D	Total/NA
Selenium	0.51	J	2.0	0.46	mg/Kg	1	☼	6010D	Total/NA

This Detection Summary does not include radiochemical test results.

Client Sample ID: T875-E-0.0 (Continued)

Lab Sample ID: 240-212437-2

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Zinc	75		4.9	3.6	mg/Kg	1	☼	6010D	Total/NA
Mercury	0.032	J	0.11	0.020	mg/Kg	1	☼	7471B	Total/NA
Cyanide, Total	1.4		0.60	0.48	mg/Kg	1	☼	9012B	Total/NA

Client Sample ID: T875-C-0.0

Lab Sample ID: 240-212437-3

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
2-Methylnaphthalene	21	J	49	16	ug/Kg	1	☼	8270E	Total/NA
Benzo[a]anthracene	27	J	49	18	ug/Kg	1	☼	8270E	Total/NA
Benzo[a]pyrene	17	J	49	17	ug/Kg	1	☼	8270E	Total/NA
Benzo[b]fluoranthene	29	J	49	15	ug/Kg	1	☼	8270E	Total/NA
Benzo[k]fluoranthene	14	J	49	12	ug/Kg	1	☼	8270E	Total/NA
Chrysene	30	J	49	17	ug/Kg	1	☼	8270E	Total/NA
Fluoranthene	39	J	49	17	ug/Kg	1	☼	8270E	Total/NA
Phenanthrene	18	J	49	16	ug/Kg	1	☼	8270E	Total/NA
Pyrene	40	J	49	19	ug/Kg	1	☼	8270E	Total/NA
Arsenic	16		1.6	0.34	mg/Kg	1	☼	6010D	Total/NA
Barium	56		21	0.13	mg/Kg	1	☼	6010D	Total/NA
Chromium	15		1.1	0.37	mg/Kg	1	☼	6010D	Total/NA
Copper	11		2.7	0.75	mg/Kg	1	☼	6010D	Total/NA
Lead	10		1.1	0.30	mg/Kg	1	☼	6010D	Total/NA
Selenium	0.53	J	2.1	0.50	mg/Kg	1	☼	6010D	Total/NA
Zinc	820		5.3	3.9	mg/Kg	1	☼	6010D	Total/NA
Cyanide, Total	170		35	28	mg/Kg	50	☼	9012B	Total/NA

Client Sample ID: T1000-W-0.0

Lab Sample ID: 240-212437-4

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
2-Methylnaphthalene	72		54	18	ug/Kg	1	☼	8270E	Total/NA
Anthracene	18	J	54	16	ug/Kg	1	☼	8270E	Total/NA
Benzo[a]anthracene	110		54	20	ug/Kg	1	☼	8270E	Total/NA
Benzo[a]pyrene	140		54	19	ug/Kg	1	☼	8270E	Total/NA
Benzo[b]fluoranthene	220		54	16	ug/Kg	1	☼	8270E	Total/NA
Benzo[g,h,i]perylene	140		54	36	ug/Kg	1	☼	8270E	Total/NA
Benzo[k]fluoranthene	110		54	14	ug/Kg	1	☼	8270E	Total/NA
Chrysene	170		54	19	ug/Kg	1	☼	8270E	Total/NA
Fluoranthene	250		54	19	ug/Kg	1	☼	8270E	Total/NA
Indeno[1,2,3-cd]pyrene	110		54	16	ug/Kg	1	☼	8270E	Total/NA
Naphthalene	51	J	54	18	ug/Kg	1	☼	8270E	Total/NA
Phenanthrene	120		54	18	ug/Kg	1	☼	8270E	Total/NA
Pyrene	200		54	22	ug/Kg	1	☼	8270E	Total/NA
Arsenic	9.3		1.5	0.32	mg/Kg	1	☼	6010D	Total/NA
Barium	51		20	0.13	mg/Kg	1	☼	6010D	Total/NA
Cadmium	0.31	J	0.51	0.049	mg/Kg	1	☼	6010D	Total/NA
Chromium	11		1.0	0.35	mg/Kg	1	☼	6010D	Total/NA
Copper	15		2.6	0.72	mg/Kg	1	☼	6010D	Total/NA
Lead	18		1.0	0.29	mg/Kg	1	☼	6010D	Total/NA
Zinc	280		5.1	3.7	mg/Kg	1	☼	6010D	Total/NA
Mercury	0.032	J	0.13	0.024	mg/Kg	1	☼	7471B	Total/NA
Cyanide, Total	370		37	29	mg/Kg	50	☼	9012B	Total/NA

This Detection Summary does not include radiochemical test results.

Detection Summary

Client: August Mack Environmental, Inc.
Project/Site: MSC Canfield - Soil

Job ID: 240-212437-1

Client Sample ID: T1000-E-0.0 — Lab Sample ID: 240-212437-5

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
1,1'-Biphenyl	93	J	150	43	ug/Kg	1	☼	8270E	Total/NA
2-Methylnaphthalene	1000		61	20	ug/Kg	1	☼	8270E	Total/NA
Acenaphthene	34	J	61	22	ug/Kg	1	☼	8270E	Total/NA
Acenaphthylene	270		61	23	ug/Kg	1	☼	8270E	Total/NA
Anthracene	170		61	18	ug/Kg	1	☼	8270E	Total/NA
Benzaldehyde	180	J	510	86	ug/Kg	1	☼	8270E	Total/NA
Benzo[a]anthracene	620		61	23	ug/Kg	1	☼	8270E	Total/NA
Benzo[a]pyrene	680		61	22	ug/Kg	1	☼	8270E	Total/NA
Benzo[b]fluoranthene	1300		61	18	ug/Kg	1	☼	8270E	Total/NA
Benzo[g,h,i]perylene	440		61	41	ug/Kg	1	☼	8270E	Total/NA
Benzo[k]fluoranthene	470		61	15	ug/Kg	1	☼	8270E	Total/NA
Carbazole	100	J	150	41	ug/Kg	1	☼	8270E	Total/NA
Chrysene	770		61	22	ug/Kg	1	☼	8270E	Total/NA
Dibenz(a,h)anthracene	140		61	23	ug/Kg	1	☼	8270E	Total/NA
Dibenzofuran	220		150	45	ug/Kg	1	☼	8270E	Total/NA
Fluoranthene	1200		61	22	ug/Kg	1	☼	8270E	Total/NA
Indeno[1,2,3-cd]pyrene	380		61	18	ug/Kg	1	☼	8270E	Total/NA
Naphthalene	750		61	20	ug/Kg	1	☼	8270E	Total/NA
Phenanthrene	650		61	20	ug/Kg	1	☼	8270E	Total/NA
Pyrene	970		61	25	ug/Kg	1	☼	8270E	Total/NA
Arsenic	9.7		4.3	0.91	mg/Kg	2	☼	6010D	Total/NA
Barium	150		29	0.18	mg/Kg	1	☼	6010D	Total/NA
Cadmium	1.0		0.72	0.069	mg/Kg	1	☼	6010D	Total/NA
Chromium	12		1.4	0.49	mg/Kg	1	☼	6010D	Total/NA
Copper	27		3.6	1.0	mg/Kg	1	☼	6010D	Total/NA
Lead	30		1.4	0.41	mg/Kg	1	☼	6010D	Total/NA
Selenium	1.5	J	5.8	1.4	mg/Kg	2	☼	6010D	Total/NA
Silver	0.38	J	1.4	0.12	mg/Kg	1	☼	6010D	Total/NA
Zinc	140		7.2	5.2	mg/Kg	1	☼	6010D	Total/NA
Mercury	0.085	J	0.18	0.033	mg/Kg	1	☼	7471B	Total/NA
Cyanide, Total	29		4.2	3.4	mg/Kg	5	☼	9012B	Total/NA

Client Sample ID: T1000-C-0.0 — Lab Sample ID: 240-212437-6

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
2-Methylnaphthalene	76		51	17	ug/Kg	1	☼	8270E	Total/NA
Anthracene	15	J	51	15	ug/Kg	1	☼	8270E	Total/NA
Benzo[a]anthracene	60		51	19	ug/Kg	1	☼	8270E	Total/NA
Benzo[a]pyrene	67		51	18	ug/Kg	1	☼	8270E	Total/NA
Benzo[b]fluoranthene	120		51	15	ug/Kg	1	☼	8270E	Total/NA
Benzo[g,h,i]perylene	61		51	35	ug/Kg	1	☼	8270E	Total/NA
Benzo[k]fluoranthene	51		51	13	ug/Kg	1	☼	8270E	Total/NA
Chrysene	99		51	18	ug/Kg	1	☼	8270E	Total/NA
Fluoranthene	160		51	18	ug/Kg	1	☼	8270E	Total/NA
Indeno[1,2,3-cd]pyrene	46	J	51	15	ug/Kg	1	☼	8270E	Total/NA
Naphthalene	63		51	17	ug/Kg	1	☼	8270E	Total/NA
Phenanthrene	76		51	17	ug/Kg	1	☼	8270E	Total/NA
Pyrene	130		51	21	ug/Kg	1	☼	8270E	Total/NA
3 & 4 Methylphenol	63	J	510	53	ug/Kg	1	☼	8270E	Total/NA
Arsenic	15		1.6	0.33	mg/Kg	1	☼	6010D	Total/NA
Barium	72		21	0.13	mg/Kg	1	☼	6010D	Total/NA

This Detection Summary does not include radiochemical test results.

Client Sample ID: T1000-C-0.0 (Continued)

Lab Sample ID: 240-212437-6

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Cadmium	0.18	J	0.52	0.050	mg/Kg	1	☼	6010D	Total/NA
Chromium	10		1.0	0.36	mg/Kg	1	☼	6010D	Total/NA
Copper	1.9	J	2.6	0.73	mg/Kg	1	☼	6010D	Total/NA
Lead	18		1.0	0.29	mg/Kg	1	☼	6010D	Total/NA
Selenium	0.69	J	2.1	0.49	mg/Kg	1	☼	6010D	Total/NA
Zinc	6600		52	38	mg/Kg	10	☼	6010D	Total/NA
Cyanide, Total	1.9		0.64	0.51	mg/Kg	1	☼	9012B	Total/NA

Client Sample ID: T1125-W-0.0

Lab Sample ID: 240-212437-7

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
2-Butanone (MEK)	6.6	J	25	4.5	ug/Kg	1	☼	8260D	Total/NA
Acetone	34		32	27	ug/Kg	1	☼	8260D	Total/NA
2-Methylnaphthalene	42	J	52	17	ug/Kg	1	☼	8270E	Total/NA
Anthracene	18	J	52	16	ug/Kg	1	☼	8270E	Total/NA
Benzo[a]anthracene	88		52	19	ug/Kg	1	☼	8270E	Total/NA
Benzo[a]pyrene	110		52	18	ug/Kg	1	☼	8270E	Total/NA
Benzo[b]fluoranthene	210		52	16	ug/Kg	1	☼	8270E	Total/NA
Benzo[g,h,i]perylene	110		52	35	ug/Kg	1	☼	8270E	Total/NA
Benzo[k]fluoranthene	73		52	13	ug/Kg	1	☼	8270E	Total/NA
Chrysene	150		52	18	ug/Kg	1	☼	8270E	Total/NA
Fluoranthene	240		52	18	ug/Kg	1	☼	8270E	Total/NA
Indeno[1,2,3-cd]pyrene	90		52	16	ug/Kg	1	☼	8270E	Total/NA
Naphthalene	29	J	52	17	ug/Kg	1	☼	8270E	Total/NA
Phenanthrene	110		52	17	ug/Kg	1	☼	8270E	Total/NA
Pyrene	200		52	21	ug/Kg	1	☼	8270E	Total/NA
3 & 4 Methylphenol	170	J	520	53	ug/Kg	1	☼	8270E	Total/NA
Arsenic	11		1.9	0.40	mg/Kg	1	☼	6010D	Total/NA
Barium	47		25	0.16	mg/Kg	1	☼	6010D	Total/NA
Cadmium	0.20	J	0.63	0.061	mg/Kg	1	☼	6010D	Total/NA
Chromium	11		1.3	0.43	mg/Kg	1	☼	6010D	Total/NA
Copper	11		3.2	0.89	mg/Kg	1	☼	6010D	Total/NA
Lead	18		1.3	0.36	mg/Kg	1	☼	6010D	Total/NA
Zinc	660		6.3	4.6	mg/Kg	1	☼	6010D	Total/NA
Cyanide, Total	66		31	25	mg/Kg	50	☼	9012B	Total/NA

Client Sample ID: T1125-E-0.0

Lab Sample ID: 240-212437-8

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
2-Methylnaphthalene	170		57	19	ug/Kg	1	☼	8270E	Total/NA
Acenaphthene	23	J	57	20	ug/Kg	1	☼	8270E	Total/NA
Acenaphthylene	110		57	22	ug/Kg	1	☼	8270E	Total/NA
Anthracene	120		57	17	ug/Kg	1	☼	8270E	Total/NA
Benzo[a]anthracene	560		57	22	ug/Kg	1	☼	8270E	Total/NA
Benzo[a]pyrene	750		57	20	ug/Kg	1	☼	8270E	Total/NA
Benzo[b]fluoranthene	1300		57	17	ug/Kg	1	☼	8270E	Total/NA
Benzo[g,h,i]perylene	600		57	39	ug/Kg	1	☼	8270E	Total/NA
Benzo[k]fluoranthene	550		57	14	ug/Kg	1	☼	8270E	Total/NA
Carbazole	95	J	140	39	ug/Kg	1	☼	8270E	Total/NA
Chrysene	840		57	20	ug/Kg	1	☼	8270E	Total/NA
Dibenz(a,h)anthracene	150		57	22	ug/Kg	1	☼	8270E	Total/NA
Dibenzofuran	57	J	140	42	ug/Kg	1	☼	8270E	Total/NA

This Detection Summary does not include radiochemical test results.

Client Sample ID: T1125-E-0.0 (Continued)

Lab Sample ID: 240-212437-8

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Fluoranthene	1400		57	20	ug/Kg	1	☼	8270E	Total/NA
Fluorene	38	J	57	20	ug/Kg	1	☼	8270E	Total/NA
Indeno[1,2,3-cd]pyrene	470		57	17	ug/Kg	1	☼	8270E	Total/NA
Naphthalene	140		57	19	ug/Kg	1	☼	8270E	Total/NA
Phenanthrene	510		57	19	ug/Kg	1	☼	8270E	Total/NA
Pyrene	1100		57	23	ug/Kg	1	☼	8270E	Total/NA
Arsenic	13		2.1	0.45	mg/Kg	1	☼	6010D	Total/NA
Barium	69		29	0.18	mg/Kg	1	☼	6010D	Total/NA
Cadmium	0.32	J	0.71	0.068	mg/Kg	1	☼	6010D	Total/NA
Chromium	18		1.4	0.49	mg/Kg	1	☼	6010D	Total/NA
Copper	26		3.6	1.0	mg/Kg	1	☼	6010D	Total/NA
Lead	27		1.4	0.40	mg/Kg	1	☼	6010D	Total/NA
Selenium	0.70	J	2.9	0.67	mg/Kg	1	☼	6010D	Total/NA
Zinc	630		7.1	5.2	mg/Kg	1	☼	6010D	Total/NA
Mercury	0.043	J	0.15	0.027	mg/Kg	1	☼	7471B	Total/NA
Cyanide, Total	70		34	27	mg/Kg	50	☼	9012B	Total/NA

Client Sample ID: T1125-C-0.0

Lab Sample ID: 240-212437-9

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
2-Methylnaphthalene	180		63	20	ug/Kg	1	☼	8270E	Total/NA
Anthracene	38	J	63	19	ug/Kg	1	☼	8270E	Total/NA
Benzo[a]anthracene	220		63	23	ug/Kg	1	☼	8270E	Total/NA
Benzo[a]pyrene	310		63	22	ug/Kg	1	☼	8270E	Total/NA
Benzo[b]fluoranthene	640		63	19	ug/Kg	1	☼	8270E	Total/NA
Benzo[g,h,i]perylene	300		63	42	ug/Kg	1	☼	8270E	Total/NA
Benzo[k]fluoranthene	210		63	16	ug/Kg	1	☼	8270E	Total/NA
Carbazole	59	J	160	42	ug/Kg	1	☼	8270E	Total/NA
Chrysene	460		63	22	ug/Kg	1	☼	8270E	Total/NA
Dibenz(a,h)anthracene	69		63	23	ug/Kg	1	☼	8270E	Total/NA
Dibenzofuran	48	J	160	45	ug/Kg	1	☼	8270E	Total/NA
Fluoranthene	680		63	22	ug/Kg	1	☼	8270E	Total/NA
Indeno[1,2,3-cd]pyrene	240		63	19	ug/Kg	1	☼	8270E	Total/NA
Naphthalene	140		63	20	ug/Kg	1	☼	8270E	Total/NA
Phenanthrene	280		63	20	ug/Kg	1	☼	8270E	Total/NA
Pyrene	550		63	25	ug/Kg	1	☼	8270E	Total/NA
3 & 4 Methylphenol	350	J	630	64	ug/Kg	1	☼	8270E	Total/NA
Arsenic	9.9		2.2	0.47	mg/Kg	1	☼	6010D	Total/NA
Barium	55		30	0.19	mg/Kg	1	☼	6010D	Total/NA
Cadmium	0.26	J	0.75	0.072	mg/Kg	1	☼	6010D	Total/NA
Chromium	14		1.5	0.51	mg/Kg	1	☼	6010D	Total/NA
Copper	3.3	J	3.7	1.0	mg/Kg	1	☼	6010D	Total/NA
Lead	21		1.5	0.42	mg/Kg	1	☼	6010D	Total/NA
Zinc	4500		37	27	mg/Kg	5	☼	6010D	Total/NA
Mercury	0.030	J	0.16	0.029	mg/Kg	1	☼	7471B	Total/NA
Cyanide, Total	570		41	32	mg/Kg	50	☼	9012B	Total/NA

Client Sample ID: DUP3-20241003

Lab Sample ID: 240-212437-10

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
2-Methylnaphthalene	67		51	17	ug/Kg	1	☼	8270E	Total/NA
Anthracene	25	J	51	15	ug/Kg	1	☼	8270E	Total/NA

This Detection Summary does not include radiochemical test results.

Client Sample ID: DUP3-20241003 (Continued)

Lab Sample ID: 240-212437-10

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Benzo[a]anthracene	140		51	19	ug/Kg	1	☼	8270E	Total/NA
Benzo[a]pyrene	230		51	18	ug/Kg	1	☼	8270E	Total/NA
Benzo[b]fluoranthene	440		51	15	ug/Kg	1	☼	8270E	Total/NA
Benzo[g,h,i]perylene	180		51	34	ug/Kg	1	☼	8270E	Total/NA
Benzo[k]fluoranthene	140		51	13	ug/Kg	1	☼	8270E	Total/NA
Carbazole	40	J	130	34	ug/Kg	1	☼	8270E	Total/NA
Chrysene	290		51	18	ug/Kg	1	☼	8270E	Total/NA
Dibenz(a,h)anthracene	50	J	51	19	ug/Kg	1	☼	8270E	Total/NA
Fluoranthene	470		51	18	ug/Kg	1	☼	8270E	Total/NA
Indeno[1,2,3-cd]pyrene	170		51	15	ug/Kg	1	☼	8270E	Total/NA
Naphthalene	47	J	51	17	ug/Kg	1	☼	8270E	Total/NA
Phenanthrene	160		51	17	ug/Kg	1	☼	8270E	Total/NA
Phenol	51	J	130	48	ug/Kg	1	☼	8270E	Total/NA
Pyrene	370		51	20	ug/Kg	1	☼	8270E	Total/NA
3 & 4 Methylphenol	1500		510	52	ug/Kg	1	☼	8270E	Total/NA
Arsenic	11		1.6	0.33	mg/Kg	1	☼	6010D	Total/NA
Barium	45		21	0.13	mg/Kg	1	☼	6010D	Total/NA
Cadmium	0.23	J	0.52	0.050	mg/Kg	1	☼	6010D	Total/NA
Chromium	10		1.0	0.36	mg/Kg	1	☼	6010D	Total/NA
Copper	14		2.6	0.73	mg/Kg	1	☼	6010D	Total/NA
Lead	18		1.0	0.29	mg/Kg	1	☼	6010D	Total/NA
Selenium	0.54	J	2.1	0.49	mg/Kg	1	☼	6010D	Total/NA
Zinc	740		5.2	3.8	mg/Kg	1	☼	6010D	Total/NA
Cyanide, Total	140		28	23	mg/Kg	50	☼	9012B	Total/NA

Client Sample ID: TB3-20241003

Lab Sample ID: 240-212437-11

No Detections.

Client Sample ID: T125-E-2.0

Lab Sample ID: 240-212437-12

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
2-Butanone (MEK)	9.7	J	26	4.6	ug/Kg	1	☼	8260D	Total/NA
Acetone	46		32	27	ug/Kg	1	☼	8260D	Total/NA
2-Methylnaphthalene	140		52	17	ug/Kg	1	☼	8270E	Total/NA
Acenaphthene	300		52	18	ug/Kg	1	☼	8270E	Total/NA
Acenaphthylene	41	J	52	19	ug/Kg	1	☼	8270E	Total/NA
Anthracene	630		52	15	ug/Kg	1	☼	8270E	Total/NA
Benzo[a]anthracene	1300		52	19	ug/Kg	1	☼	8270E	Total/NA
Benzo[a]pyrene	1300		52	18	ug/Kg	1	☼	8270E	Total/NA
Benzo[b]fluoranthene	1800		52	15	ug/Kg	1	☼	8270E	Total/NA
Benzo[g,h,i]perylene	800		52	35	ug/Kg	1	☼	8270E	Total/NA
Benzo[k]fluoranthene	640		52	13	ug/Kg	1	☼	8270E	Total/NA
Bis(2-ethylhexyl) phthalate	330		190	72	ug/Kg	1	☼	8270E	Total/NA
Carbazole	360		130	35	ug/Kg	1	☼	8270E	Total/NA
Chrysene	1500		52	18	ug/Kg	1	☼	8270E	Total/NA
Dibenz(a,h)anthracene	190		52	19	ug/Kg	1	☼	8270E	Total/NA
Dibenzofuran	210		130	37	ug/Kg	1	☼	8270E	Total/NA
Diethyl phthalate	130	J	190	55	ug/Kg	1	☼	8270E	Total/NA
Fluoranthene	3200		52	18	ug/Kg	1	☼	8270E	Total/NA
Fluorene	310		52	18	ug/Kg	1	☼	8270E	Total/NA
Indeno[1,2,3-cd]pyrene	690		52	15	ug/Kg	1	☼	8270E	Total/NA

This Detection Summary does not include radiochemical test results.

Client Sample ID: T125-E-2.0 (Continued)

Lab Sample ID: 240-212437-12

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Naphthalene	160		52	17	ug/Kg	1	☼	8270E	Total/NA
Phenanthrene	2400		52	17	ug/Kg	1	☼	8270E	Total/NA
Pyrene	2500		52	21	ug/Kg	1	☼	8270E	Total/NA
Arsenic	12		1.7	0.36	mg/Kg	1	☼	6010D	Total/NA
Barium	84		23	0.14	mg/Kg	1	☼	6010D	Total/NA
Cadmium	1.2		0.58	0.055	mg/Kg	1	☼	6010D	Total/NA
Chromium	22		1.2	0.39	mg/Kg	1	☼	6010D	Total/NA
Copper	22		2.9	0.81	mg/Kg	1	☼	6010D	Total/NA
Lead	44		1.2	0.32	mg/Kg	1	☼	6010D	Total/NA
Selenium	0.91	J	2.3	0.54	mg/Kg	1	☼	6010D	Total/NA
Silver	1.4		1.2	0.093	mg/Kg	1	☼	6010D	Total/NA
Zinc	850		5.8	4.2	mg/Kg	1	☼	6010D	Total/NA
Mercury	0.029	J	0.13	0.024	mg/Kg	1	☼	7471B	Total/NA
Cyanide, Total	14	F2	5.8	4.6	mg/Kg	10	☼	9012B	Total/NA

Client Sample ID: T125-W-2.0

Lab Sample ID: 240-212437-13

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
2-Methylnaphthalene	43	J	50	16	ug/Kg	1	☼	8270E	Total/NA
Acenaphthene	61		50	18	ug/Kg	1	☼	8270E	Total/NA
Acenaphthylene	25	J	50	19	ug/Kg	1	☼	8270E	Total/NA
Anthracene	170		50	15	ug/Kg	1	☼	8270E	Total/NA
Benzo[a]anthracene	420		50	19	ug/Kg	1	☼	8270E	Total/NA
Benzo[a]pyrene	430		50	18	ug/Kg	1	☼	8270E	Total/NA
Benzo[b]fluoranthene	580		50	15	ug/Kg	1	☼	8270E	Total/NA
Benzo[g,h,i]perylene	270		50	34	ug/Kg	1	☼	8270E	Total/NA
Benzo[k]fluoranthene	230		50	13	ug/Kg	1	☼	8270E	Total/NA
Carbazole	93	J	130	34	ug/Kg	1	☼	8270E	Total/NA
Chrysene	460		50	18	ug/Kg	1	☼	8270E	Total/NA
Dibenz(a,h)anthracene	81		50	19	ug/Kg	1	☼	8270E	Total/NA
Dibenzofuran	38	J	130	36	ug/Kg	1	☼	8270E	Total/NA
Fluoranthene	970		50	18	ug/Kg	1	☼	8270E	Total/NA
Fluorene	60		50	18	ug/Kg	1	☼	8270E	Total/NA
Indeno[1,2,3-cd]pyrene	220		50	15	ug/Kg	1	☼	8270E	Total/NA
Naphthalene	51		50	16	ug/Kg	1	☼	8270E	Total/NA
Phenanthrene	540		50	16	ug/Kg	1	☼	8270E	Total/NA
Phenol	58	J	130	48	ug/Kg	1	☼	8270E	Total/NA
Pyrene	770		50	20	ug/Kg	1	☼	8270E	Total/NA
3 & 4 Methylphenol	400	J	500	52	ug/Kg	1	☼	8270E	Total/NA
Aroclor-1248	80		65	22	ug/Kg	1	☼	8082A	Total/NA
Arsenic	9.4		1.7	0.35	mg/Kg	1	☼	6010D	Total/NA
Barium	100		22	0.14	mg/Kg	1	☼	6010D	Total/NA
Cadmium	1.9		0.56	0.054	mg/Kg	1	☼	6010D	Total/NA
Chromium	22		1.1	0.38	mg/Kg	1	☼	6010D	Total/NA
Copper	20		2.8	0.78	mg/Kg	1	☼	6010D	Total/NA
Lead	63		1.1	0.32	mg/Kg	1	☼	6010D	Total/NA
Selenium	1.1	J	2.2	0.52	mg/Kg	1	☼	6010D	Total/NA
Silver	2.4		1.1	0.091	mg/Kg	1	☼	6010D	Total/NA
Zinc	510		5.6	4.1	mg/Kg	1	☼	6010D	Total/NA
Mercury	0.030	J	0.14	0.025	mg/Kg	1	☼	7471B	Total/NA
Cyanide, Total	63		30	23	mg/Kg	50	☼	9012B	Total/NA

This Detection Summary does not include radiochemical test results.

Detection Summary

Client: August Mack Environmental, Inc.
Project/Site: MSC Canfield - Soil

Job ID: 240-212437-1

Client Sample ID: T250-E-2.0 — Lab Sample ID: 240-212437-14

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
2-Butanone (MEK)	6.7	J	26	4.6	ug/Kg	1	☼	8260D	Total/NA
Acetone	33		32	27	ug/Kg	1	☼	8260D	Total/NA
2-Methylnaphthalene	40	J	51	17	ug/Kg	1	☼	8270E	Total/NA
Anthracene	45	J	51	15	ug/Kg	1	☼	8270E	Total/NA
Benzo[a]anthracene	170		51	19	ug/Kg	1	☼	8270E	Total/NA
Benzo[a]pyrene	180		51	18	ug/Kg	1	☼	8270E	Total/NA
Benzo[b]fluoranthene	350		51	15	ug/Kg	1	☼	8270E	Total/NA
Benzo[g,h,i]perylene	170		51	35	ug/Kg	1	☼	8270E	Total/NA
Benzo[k]fluoranthene	88		51	13	ug/Kg	1	☼	8270E	Total/NA
Carbazole	37	J	130	35	ug/Kg	1	☼	8270E	Total/NA
Chrysene	220		51	18	ug/Kg	1	☼	8270E	Total/NA
Fluoranthene	390		51	18	ug/Kg	1	☼	8270E	Total/NA
Fluorene	18	J	51	18	ug/Kg	1	☼	8270E	Total/NA
Indeno[1,2,3-cd]pyrene	130		51	15	ug/Kg	1	☼	8270E	Total/NA
Naphthalene	33	J	51	17	ug/Kg	1	☼	8270E	Total/NA
Phenanthrene	180		51	17	ug/Kg	1	☼	8270E	Total/NA
Pyrene	320		51	21	ug/Kg	1	☼	8270E	Total/NA
Aroclor-1248	80		65	22	ug/Kg	1	☼	8082A	Total/NA
Arsenic	12		1.7	0.35	mg/Kg	1	☼	6010D	Total/NA
Barium	73		22	0.14	mg/Kg	1	☼	6010D	Total/NA
Cadmium	0.25	J	0.56	0.054	mg/Kg	1	☼	6010D	Total/NA
Chromium	20		1.1	0.39	mg/Kg	1	☼	6010D	Total/NA
Copper	22		2.8	0.79	mg/Kg	1	☼	6010D	Total/NA
Lead	24		1.1	0.32	mg/Kg	1	☼	6010D	Total/NA
Selenium	0.81	J	2.2	0.53	mg/Kg	1	☼	6010D	Total/NA
Zinc	430		5.6	4.1	mg/Kg	1	☼	6010D	Total/NA
Mercury	0.024	J	0.13	0.023	mg/Kg	1	☼	7471B	Total/NA
Cyanide, Total	240		37	29	mg/Kg	50	☼	9012B	Total/NA

Client Sample ID: T250-W-2.0 — Lab Sample ID: 240-212437-15

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
2-Butanone (MEK)	8.8	J	26	4.6	ug/Kg	1	☼	8260D	Total/NA
Acetone	41		33	27	ug/Kg	1	☼	8260D	Total/NA
2-Methylnaphthalene	22	J	53	17	ug/Kg	1	☼	8270E	Total/NA
Anthracene	21	J	53	16	ug/Kg	1	☼	8270E	Total/NA
Benzo[a]anthracene	75		53	20	ug/Kg	1	☼	8270E	Total/NA
Benzo[a]pyrene	69		53	18	ug/Kg	1	☼	8270E	Total/NA
Benzo[b]fluoranthene	120		53	16	ug/Kg	1	☼	8270E	Total/NA
Benzo[g,h,i]perylene	66		53	36	ug/Kg	1	☼	8270E	Total/NA
Benzo[k]fluoranthene	48	J	53	13	ug/Kg	1	☼	8270E	Total/NA
Chrysene	86		53	18	ug/Kg	1	☼	8270E	Total/NA
Fluoranthene	160		53	18	ug/Kg	1	☼	8270E	Total/NA
Indeno[1,2,3-cd]pyrene	53		53	16	ug/Kg	1	☼	8270E	Total/NA
Phenanthrene	87		53	17	ug/Kg	1	☼	8270E	Total/NA
Pyrene	140		53	21	ug/Kg	1	☼	8270E	Total/NA
Aroclor-1248	61	J	64	22	ug/Kg	1	☼	8082A	Total/NA
Arsenic	16		1.5	0.31	mg/Kg	1	☼	6010D	Total/NA
Barium	96		19	0.12	mg/Kg	1	☼	6010D	Total/NA
Cadmium	0.21	J	0.49	0.047	mg/Kg	1	☼	6010D	Total/NA
Chromium	23		0.97	0.33	mg/Kg	1	☼	6010D	Total/NA

This Detection Summary does not include radiochemical test results.

Client Sample ID: T250-W-2.0 (Continued)

Lab Sample ID: 240-212437-15

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Copper	8.3		2.4	0.68	mg/Kg	1	☼	6010D	Total/NA
Lead	24		0.97	0.27	mg/Kg	1	☼	6010D	Total/NA
Selenium	0.78	J	1.9	0.46	mg/Kg	1	☼	6010D	Total/NA
Zinc	2400		24	18	mg/Kg	5	☼	6010D	Total/NA
Mercury	0.030	J	0.13	0.024	mg/Kg	1	☼	7471B	Total/NA
Cyanide, Total	34		30	23	mg/Kg	50	☼	9012B	Total/NA

Client Sample ID: T250-W-4.0

Lab Sample ID: 240-212437-16

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
2-Butanone (MEK)	7.7	J	27	4.7	ug/Kg	1	☼	8260D	Total/NA
Acetone	32	J	33	28	ug/Kg	1	☼	8260D	Total/NA
2-Methylnaphthalene	28	J	52	17	ug/Kg	1	☼	8270E	Total/NA
Anthracene	53		52	16	ug/Kg	1	☼	8270E	Total/NA
Benzo[a]anthracene	120		52	19	ug/Kg	1	☼	8270E	Total/NA
Benzo[a]pyrene	120		52	18	ug/Kg	1	☼	8270E	Total/NA
Benzo[b]fluoranthene	190		52	16	ug/Kg	1	☼	8270E	Total/NA
Benzo[g,h,i]perylene	110		52	35	ug/Kg	1	☼	8270E	Total/NA
Benzo[k]fluoranthene	61		52	13	ug/Kg	1	☼	8270E	Total/NA
Chrysene	140		52	18	ug/Kg	1	☼	8270E	Total/NA
Fluoranthene	300		52	18	ug/Kg	1	☼	8270E	Total/NA
Fluorene	21	J	52	18	ug/Kg	1	☼	8270E	Total/NA
Indeno[1,2,3-cd]pyrene	81		52	16	ug/Kg	1	☼	8270E	Total/NA
Naphthalene	24	J	52	17	ug/Kg	1	☼	8270E	Total/NA
Phenanthrene	220		52	17	ug/Kg	1	☼	8270E	Total/NA
Pyrene	270		52	21	ug/Kg	1	☼	8270E	Total/NA
Aroclor-1248	170		67	23	ug/Kg	1	☼	8082A	Total/NA
Arsenic	12		1.8	0.38	mg/Kg	1	☼	6010D	Total/NA
Barium	73		24	0.15	mg/Kg	1	☼	6010D	Total/NA
Cadmium	0.35	J	0.60	0.057	mg/Kg	1	☼	6010D	Total/NA
Chromium	24		1.2	0.41	mg/Kg	1	☼	6010D	Total/NA
Copper	60		3.0	0.84	mg/Kg	1	☼	6010D	Total/NA
Lead	32		1.2	0.34	mg/Kg	1	☼	6010D	Total/NA
Selenium	1.2	J	2.4	0.56	mg/Kg	1	☼	6010D	Total/NA
Zinc	370		6.0	4.3	mg/Kg	1	☼	6010D	Total/NA
Mercury	0.041	J	0.14	0.026	mg/Kg	1	☼	7471B	Total/NA
Cyanide, Total	32	J	35	28	mg/Kg	50	☼	9012B	Total/NA

Client Sample ID: TB4-20241004

Lab Sample ID: 240-212437-17

No Detections.

This Detection Summary does not include radiochemical test results.

Client: August Mack Environmental, Inc.
Project/Site: MSC Canfield - Soil

Job ID: 240-212437-1

Client Sample ID: T875-W-0.0
Date Collected: 10/03/24 13:50
Date Received: 10/04/24 16:30

Lab Sample ID: 240-212437-1
Matrix: Solid
Percent Solids: 70.6

Method: SW846 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		6.8	2.4	ug/Kg	☼	10/05/24 12:52	10/05/24 16:20	1
1,1,2,2-Tetrachloroethane	ND		6.8	2.0	ug/Kg	☼	10/05/24 12:52	10/05/24 16:20	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		6.8	1.7	ug/Kg	☼	10/05/24 12:52	10/05/24 16:20	1
1,1,2-Trichloroethane	ND		6.8	1.5	ug/Kg	☼	10/05/24 12:52	10/05/24 16:20	1
1,1-Dichloroethane	ND		6.8	1.9	ug/Kg	☼	10/05/24 12:52	10/05/24 16:20	1
1,1-Dichloroethene	ND		6.8	2.5	ug/Kg	☼	10/05/24 12:52	10/05/24 16:20	1
1,2,4-Trichlorobenzene	ND		6.8	3.4	ug/Kg	☼	10/05/24 12:52	10/05/24 16:20	1
1,2-Dibromo-3-Chloropropane	ND		14	4.9	ug/Kg	☼	10/05/24 12:52	10/05/24 16:20	1
Ethylene Dibromide	ND		6.8	1.1	ug/Kg	☼	10/05/24 12:52	10/05/24 16:20	1
1,2-Dichlorobenzene	ND		6.8	1.5	ug/Kg	☼	10/05/24 12:52	10/05/24 16:20	1
1,2-Dichloroethane	ND		6.8	2.5	ug/Kg	☼	10/05/24 12:52	10/05/24 16:20	1
1,2-Dichloropropane	ND		6.8	1.2	ug/Kg	☼	10/05/24 12:52	10/05/24 16:20	1
1,3-Dichlorobenzene	ND		6.8	2.2	ug/Kg	☼	10/05/24 12:52	10/05/24 16:20	1
1,4-Dichlorobenzene	ND		6.8	1.2	ug/Kg	☼	10/05/24 12:52	10/05/24 16:20	1
2-Butanone (MEK)	ND		27	4.9	ug/Kg	☼	10/05/24 12:52	10/05/24 16:20	1
2-Hexanone	ND		27	5.6	ug/Kg	☼	10/05/24 12:52	10/05/24 16:20	1
4-Methyl-2-pentanone (MIBK)	ND		27	5.1	ug/Kg	☼	10/05/24 12:52	10/05/24 16:20	1
Acetone	ND		34	29	ug/Kg	☼	10/05/24 12:52	10/05/24 16:20	1
Benzene	ND		6.8	0.95	ug/Kg	☼	10/05/24 12:52	10/05/24 16:20	1
Dichlorobromomethane	ND		6.8	2.0	ug/Kg	☼	10/05/24 12:52	10/05/24 16:20	1
Bromoform	ND		6.8	3.3	ug/Kg	☼	10/05/24 12:52	10/05/24 16:20	1
Bromomethane	ND		6.8	5.7	ug/Kg	☼	10/05/24 12:52	10/05/24 16:20	1
Carbon disulfide	ND		6.8	1.6	ug/Kg	☼	10/05/24 12:52	10/05/24 16:20	1
Carbon tetrachloride	ND		6.8	4.4	ug/Kg	☼	10/05/24 12:52	10/05/24 16:20	1
Chlorobenzene	ND		6.8	1.2	ug/Kg	☼	10/05/24 12:52	10/05/24 16:20	1
Chloroethane	ND		6.8	3.7	ug/Kg	☼	10/05/24 12:52	10/05/24 16:20	1
Chloroform	ND		6.8	1.1	ug/Kg	☼	10/05/24 12:52	10/05/24 16:20	1
Chloromethane	ND		6.8	3.1	ug/Kg	☼	10/05/24 12:52	10/05/24 16:20	1
cis-1,2-Dichloroethene	ND		6.8	2.0	ug/Kg	☼	10/05/24 12:52	10/05/24 16:20	1
cis-1,3-Dichloropropene	ND		6.8	3.9	ug/Kg	☼	10/05/24 12:52	10/05/24 16:20	1
Cyclohexane	ND		14	1.9	ug/Kg	☼	10/05/24 12:52	10/05/24 16:20	1
Chlorodibromomethane	ND		6.8	3.8	ug/Kg	☼	10/05/24 12:52	10/05/24 16:20	1
Dichlorodifluoromethane	ND		6.8	3.1	ug/Kg	☼	10/05/24 12:52	10/05/24 16:20	1
Ethylbenzene	ND		6.8	1.4	ug/Kg	☼	10/05/24 12:52	10/05/24 16:20	1
Isopropylbenzene	ND		6.8	2.6	ug/Kg	☼	10/05/24 12:52	10/05/24 16:20	1
Methyl acetate	ND		34	4.6	ug/Kg	☼	10/05/24 12:52	10/05/24 16:20	1
Methyl tert-butyl ether	ND		6.8	2.7	ug/Kg	☼	10/05/24 12:52	10/05/24 16:20	1
Methylcyclohexane	ND		14	1.7	ug/Kg	☼	10/05/24 12:52	10/05/24 16:20	1
Methylene Chloride	ND		34	16	ug/Kg	☼	10/05/24 12:52	10/05/24 16:20	1
Styrene	ND		6.8	1.6	ug/Kg	☼	10/05/24 12:52	10/05/24 16:20	1
Tetrachloroethene	ND		6.8	5.3	ug/Kg	☼	10/05/24 12:52	10/05/24 16:20	1
Toluene	ND		6.8	1.1	ug/Kg	☼	10/05/24 12:52	10/05/24 16:20	1
trans-1,2-Dichloroethene	ND		6.8	1.9	ug/Kg	☼	10/05/24 12:52	10/05/24 16:20	1
trans-1,3-Dichloropropene	ND		6.8	5.1	ug/Kg	☼	10/05/24 12:52	10/05/24 16:20	1
Trichloroethene	ND		6.8	2.0	ug/Kg	☼	10/05/24 12:52	10/05/24 16:20	1
Trichlorofluoromethane	ND		6.8	3.7	ug/Kg	☼	10/05/24 12:52	10/05/24 16:20	1
Vinyl chloride	ND		6.8	2.4	ug/Kg	☼	10/05/24 12:52	10/05/24 16:20	1
Xylenes, Total	ND		14	2.2	ug/Kg	☼	10/05/24 12:52	10/05/24 16:20	1

Client: August Mack Environmental, Inc.
Project/Site: MSC Canfield - Soil

Job ID: 240-212437-1

Client Sample ID: T875-W-0.0
Date Collected: 10/03/24 13:50
Date Received: 10/04/24 16:30

Lab Sample ID: 240-212437-1
Matrix: Solid
Percent Solids: 70.6

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Toluene-d8 (Surr)	*101*		*56 - 125*	*10/05/24 12:52*	*10/05/24 16:20*	*1*
Dibromofluoromethane (Surr)	*91*		*41 - 138*	*10/05/24 12:52*	*10/05/24 16:20*	*1*
4-Bromofluorobenzene (Surr)	*96*		*41 - 143*	*10/05/24 12:52*	*10/05/24 16:20*	*1*
1,2-Dichloroethane-d4 (Surr)	*97*		*58 - 125*	*10/05/24 12:52*	*10/05/24 16:20*	*1*

Method: SW846 8270E - Semivolatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1'-Biphenyl	ND		140	39	ug/Kg	☼	10/07/24 09:29	10/08/24 18:01	1
bis (2-chloroisopropyl) ether	ND		140	36	ug/Kg	☼	10/07/24 09:29	10/08/24 18:01	1
2,4,5-Trichlorophenol	ND		210	46	ug/Kg	☼	10/07/24 09:29	10/08/24 18:01	1
2,4,6-Trichlorophenol	ND		210	40	ug/Kg	☼	10/07/24 09:29	10/08/24 18:01	1
2,4-Dichlorophenol	ND		210	38	ug/Kg	☼	10/07/24 09:29	10/08/24 18:01	1
2,4-Dimethylphenol	ND		210	50	ug/Kg	☼	10/07/24 09:29	10/08/24 18:01	1
2,4-Dinitrophenol	ND		460	240	ug/Kg	☼	10/07/24 09:29	10/08/24 18:01	1
2,4-Dinitrotoluene	ND		280	32	ug/Kg	☼	10/07/24 09:29	10/08/24 18:01	1
2,6-Dinitrotoluene	ND		280	50	ug/Kg	☼	10/07/24 09:29	10/08/24 18:01	1
2-Chloronaphthalene	ND		140	39	ug/Kg	☼	10/07/24 09:29	10/08/24 18:01	1
2-Chlorophenol	ND		140	36	ug/Kg	☼	10/07/24 09:29	10/08/24 18:01	1
2-Methylnaphthalene	**63**		56	18	ug/Kg	☼	10/07/24 09:29	10/08/24 18:01	1
2-Methylphenol	ND		280	57	ug/Kg	☼	10/07/24 09:29	10/08/24 18:01	1
2-Nitroaniline	ND		280	53	ug/Kg	☼	10/07/24 09:29	10/08/24 18:01	1
2-Nitrophenol	ND		140	49	ug/Kg	☼	10/07/24 09:29	10/08/24 18:01	1
3,3'-Dichlorobenzidine	ND		210	130	ug/Kg	☼	10/07/24 09:29	10/08/24 18:01	1
3-Nitroaniline	ND		280	49	ug/Kg	☼	10/07/24 09:29	10/08/24 18:01	1
4,6-Dinitro-2-methylphenol	ND		460	140	ug/Kg	☼	10/07/24 09:29	10/08/24 18:01	1
4-Bromophenyl phenyl ether	ND		140	45	ug/Kg	☼	10/07/24 09:29	10/08/24 18:01	1
4-Chloro-3-methylphenol	ND		210	53	ug/Kg	☼	10/07/24 09:29	10/08/24 18:01	1
4-Chloroaniline	ND		210	22	ug/Kg	☼	10/07/24 09:29	10/08/24 18:01	1
4-Chlorophenyl phenyl ether	ND		140	39	ug/Kg	☼	10/07/24 09:29	10/08/24 18:01	1
4-Nitroaniline	ND		280	36	ug/Kg	☼	10/07/24 09:29	10/08/24 18:01	1
4-Nitrophenol	ND		460	130	ug/Kg	☼	10/07/24 09:29	10/08/24 18:01	1
Acenaphthene	**23**	**J**	56	20	ug/Kg	☼	10/07/24 09:29	10/08/24 18:01	1
Acenaphthylene	**27**	**J**	56	21	ug/Kg	☼	10/07/24 09:29	10/08/24 18:01	1
Acetophenone	ND		140	35	ug/Kg	☼	10/07/24 09:29	10/08/24 18:01	1
Anthracene	**52**	**J**	56	17	ug/Kg	☼	10/07/24 09:29	10/08/24 18:01	1
Atrazine	ND		460	96	ug/Kg	☼	10/07/24 09:29	10/08/24 18:01	1
Benzaldehyde	ND		460	78	ug/Kg	☼	10/07/24 09:29	10/08/24 18:01	1
Benzo[a]anthracene	**270**		56	21	ug/Kg	☼	10/07/24 09:29	10/08/24 18:01	1
Benzo[a]pyrene	**350**		56	20	ug/Kg	☼	10/07/24 09:29	10/08/24 18:01	1
Benzo[b]fluoranthene	**660**		56	17	ug/Kg	☼	10/07/24 09:29	10/08/24 18:01	1
Benzo[g,h,i]perylene	**300**		56	38	ug/Kg	☼	10/07/24 09:29	10/08/24 18:01	1
Benzo[k]fluoranthene	**210**		56	14	ug/Kg	☼	10/07/24 09:29	10/08/24 18:01	1
Bis(2-chloroethoxy)methane	ND		140	28	ug/Kg	☼	10/07/24 09:29	10/08/24 18:01	1
Bis(2-chloroethyl)ether	ND		140	31	ug/Kg	☼	10/07/24 09:29	10/08/24 18:01	1
Bis(2-ethylhexyl) phthalate	**110**	**J**	210	78	ug/Kg	☼	10/07/24 09:29	10/08/24 18:01	1
Butyl benzyl phthalate	ND		210	71	ug/Kg	☼	10/07/24 09:29	10/08/24 18:01	1
Caprolactam	ND		460	96	ug/Kg	☼	10/07/24 09:29	10/08/24 18:01	1
Carbazole	**56**	**J**	140	38	ug/Kg	☼	10/07/24 09:29	10/08/24 18:01	1
Chrysene	**430**		56	20	ug/Kg	☼	10/07/24 09:29	10/08/24 18:01	1
Dibenz(a,h)anthracene	**69**		56	21	ug/Kg	☼	10/07/24 09:29	10/08/24 18:01	1

Client Sample ID: T875-W-0.0
Lab Sample ID: 240-212437-1
Date Collected: 10/03/24 13:50
Matrix: Solid
Date Received: 10/04/24 16:30
Percent Solids: 70.6

Method: SW846 8270E - Semivolatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Dibenzofuran	ND		140	40	ug/Kg	☼	10/07/24 09:29	10/08/24 18:01	1
Diethyl phthalate	ND		210	60	ug/Kg	☼	10/07/24 09:29	10/08/24 18:01	1
Dimethyl phthalate	ND		210	56	ug/Kg	☼	10/07/24 09:29	10/08/24 18:01	1
Di-n-butyl phthalate	ND		210	71	ug/Kg	☼	10/07/24 09:29	10/08/24 18:01	1
Di-n-octyl phthalate	ND		210	70	ug/Kg	☼	10/07/24 09:29	10/08/24 18:01	1
Fluoranthene	**690**		56	20	ug/Kg	☼	10/07/24 09:29	10/08/24 18:01	1
Fluorene	**21**	**J**	56	20	ug/Kg	☼	10/07/24 09:29	10/08/24 18:01	1
Hexachlorobenzene	ND		56	20	ug/Kg	☼	10/07/24 09:29	10/08/24 18:01	1
Hexachlorobutadiene	ND		140	29	ug/Kg	☼	10/07/24 09:29	10/08/24 18:01	1
Hexachlorocyclopentadiene	ND		460	54	ug/Kg	☼	10/07/24 09:29	10/08/24 18:01	1
Hexachloroethane	ND		140	45	ug/Kg	☼	10/07/24 09:29	10/08/24 18:01	1
Indeno[1,2,3-cd]pyrene	**230**		56	17	ug/Kg	☼	10/07/24 09:29	10/08/24 18:01	1
Isophorone	ND		140	36	ug/Kg	☼	10/07/24 09:29	10/08/24 18:01	1
N-Nitrosodi-n-propylamine	ND		140	52	ug/Kg	☼	10/07/24 09:29	10/08/24 18:01	1
N-Nitrosodiphenylamine	ND		140	38	ug/Kg	☼	10/07/24 09:29	10/08/24 18:01	1
Naphthalene	**46**	**J**	56	18	ug/Kg	☼	10/07/24 09:29	10/08/24 18:01	1
Nitrobenzene	ND		140	31	ug/Kg	☼	10/07/24 09:29	10/08/24 18:01	1
Pentachlorophenol	ND		380	150	ug/Kg	☼	10/07/24 09:29	10/08/24 18:01	1
Phenanthrene	**260**		56	18	ug/Kg	☼	10/07/24 09:29	10/08/24 18:01	1
Phenol	ND		140	53	ug/Kg	☼	10/07/24 09:29	10/08/24 18:01	1
Pyrene	**540**		56	22	ug/Kg	☼	10/07/24 09:29	10/08/24 18:01	1
3 & 4 Methylphenol	ND		560	57	ug/Kg	☼	10/07/24 09:29	10/08/24 18:01	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Terphenyl-d14 (Surr)	*60*		*37 - 120*	*10/07/24 09:29*	*10/08/24 18:01*	*1*
Phenol-d5 (Surr)	*63*		*29 - 120*	*10/07/24 09:29*	*10/08/24 18:01*	*1*
Nitrobenzene-d5 (Surr)	*58*		*28 - 120*	*10/07/24 09:29*	*10/08/24 18:01*	*1*
2-Fluorophenol (Surr)	*60*		*26 - 120*	*10/07/24 09:29*	*10/08/24 18:01*	*1*
2-Fluorobiphenyl (Surr)	*65*		*36 - 120*	*10/07/24 09:29*	*10/08/24 18:01*	*1*
2,4,6-Tribromophenol (Surr)	*68*		*10 - 120*	*10/07/24 09:29*	*10/08/24 18:01*	*1*

Method: SW846 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aroclor-1016	ND		71	35	ug/Kg	☼	10/07/24 09:33	10/07/24 18:43	1
Aroclor-1221	ND		71	42	ug/Kg	☼	10/07/24 09:33	10/07/24 18:43	1
Aroclor-1232	ND		71	30	ug/Kg	☼	10/07/24 09:33	10/07/24 18:43	1
Aroclor-1242	ND		71	27	ug/Kg	☼	10/07/24 09:33	10/07/24 18:43	1
Aroclor-1248	ND		71	24	ug/Kg	☼	10/07/24 09:33	10/07/24 18:43	1
Aroclor-1254	ND		71	30	ug/Kg	☼	10/07/24 09:33	10/07/24 18:43	1
Aroclor-1260	ND		71	30	ug/Kg	☼	10/07/24 09:33	10/07/24 18:43	1
Aroclor-1262	ND		71	31	ug/Kg	☼	10/07/24 09:33	10/07/24 18:43	1
Aroclor-1268	ND		71	23	ug/Kg	☼	10/07/24 09:33	10/07/24 18:43	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Tetrachloro-m-xylene	*75*		*10 - 149*	*10/07/24 09:33*	*10/07/24 18:43*	*1*
DCB Decachlorobiphenyl	*83*		*10 - 174*	*10/07/24 09:33*	*10/07/24 18:43*	*1*

Method: SW846 6010D - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	**12**		1.7	0.36	mg/Kg	☼	10/07/24 15:00	10/08/24 13:43	1

Client: August Mack Environmental, Inc.
Project/Site: MSC Canfield - Soil

Job ID: 240-212437-1

Client Sample ID: T875-W-0.0
Date Collected: 10/03/24 13:50
Date Received: 10/04/24 16:30

Lab Sample ID: 240-212437-1
Matrix: Solid
Percent Solids: 70.6

Method: SW846 6010D - Metals (ICP) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Barium	68		23	0.14	mg/Kg	☼	10/07/24 15:00	10/08/24 13:43	1
Cadmium	0.38	J	0.57	0.055	mg/Kg	☼	10/07/24 15:00	10/08/24 13:43	1
Chromium	18		1.1	0.39	mg/Kg	☼	10/07/24 15:00	10/08/24 13:43	1
Copper	31		2.9	0.80	mg/Kg	☼	10/07/24 15:00	10/08/24 13:43	1
Lead	32		1.1	0.32	mg/Kg	☼	10/07/24 15:00	10/08/24 13:43	1
Selenium	ND		2.3	0.54	mg/Kg	☼	10/07/24 15:00	10/08/24 13:43	1
Silver	ND		1.1	0.093	mg/Kg	☼	10/07/24 15:00	10/08/24 13:43	1
Zinc	430		5.7	4.1	mg/Kg	☼	10/07/24 15:00	10/08/24 13:43	1

Method: SW846 7471B - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.034	J	0.15	0.026	mg/Kg	☼	10/07/24 15:00	10/08/24 11:30	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cyanide, Total (SW846 9012B)	23		3.7	2.9	mg/Kg	☼	10/07/24 11:09	10/07/24 18:30	5

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Solids (EPA Moisture)	70.6		0.1	0.1	%			10/07/24 10:13	1
Percent Moisture (EPA Moisture)	29.4		0.1	0.1	%			10/07/24 10:13	1

Client: August Mack Environmental, Inc.
Project/Site: MSC Canfield - Soil

Job ID: 240-212437-1

Client Sample ID: T875-E-0.0
Date Collected: 10/03/24 13:55
Date Received: 10/04/24 16:30

Lab Sample ID: 240-212437-2
Matrix: Solid
Percent Solids: 83.5

Method: SW846 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		5.6	2.0	ug/Kg	☼	10/05/24 12:52	10/05/24 16:39	1
1,1,2,2-Tetrachloroethane	ND		5.6	1.6	ug/Kg	☼	10/05/24 12:52	10/05/24 16:39	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		5.6	1.4	ug/Kg	☼	10/05/24 12:52	10/05/24 16:39	1
1,1,2-Trichloroethane	ND		5.6	1.3	ug/Kg	☼	10/05/24 12:52	10/05/24 16:39	1
1,1-Dichloroethane	ND		5.6	1.6	ug/Kg	☼	10/05/24 12:52	10/05/24 16:39	1
1,1-Dichloroethene	ND		5.6	2.1	ug/Kg	☼	10/05/24 12:52	10/05/24 16:39	1
1,2,4-Trichlorobenzene	ND		5.6	2.8	ug/Kg	☼	10/05/24 12:52	10/05/24 16:39	1
1,2-Dibromo-3-Chloropropane	ND		11	4.1	ug/Kg	☼	10/05/24 12:52	10/05/24 16:39	1
Ethylene Dibromide	ND		5.6	0.87	ug/Kg	☼	10/05/24 12:52	10/05/24 16:39	1
1,2-Dichlorobenzene	ND		5.6	1.3	ug/Kg	☼	10/05/24 12:52	10/05/24 16:39	1
1,2-Dichloroethane	ND		5.6	2.0	ug/Kg	☼	10/05/24 12:52	10/05/24 16:39	1
1,2-Dichloropropane	ND		5.6	0.96	ug/Kg	☼	10/05/24 12:52	10/05/24 16:39	1
1,3-Dichlorobenzene	ND		5.6	1.9	ug/Kg	☼	10/05/24 12:52	10/05/24 16:39	1
1,4-Dichlorobenzene	ND		5.6	0.99	ug/Kg	☼	10/05/24 12:52	10/05/24 16:39	1
2-Butanone (MEK)	ND		23	4.0	ug/Kg	☼	10/05/24 12:52	10/05/24 16:39	1
2-Hexanone	ND		23	4.6	ug/Kg	☼	10/05/24 12:52	10/05/24 16:39	1
4-Methyl-2-pentanone (MIBK)	ND		23	4.2	ug/Kg	☼	10/05/24 12:52	10/05/24 16:39	1
Acetone	ND		28	24	ug/Kg	☼	10/05/24 12:52	10/05/24 16:39	1
Benzene	ND		5.6	0.79	ug/Kg	☼	10/05/24 12:52	10/05/24 16:39	1
Dichlorobromomethane	ND		5.6	1.7	ug/Kg	☼	10/05/24 12:52	10/05/24 16:39	1
Bromoform	ND		5.6	2.7	ug/Kg	☼	10/05/24 12:52	10/05/24 16:39	1
Bromomethane	ND		5.6	4.7	ug/Kg	☼	10/05/24 12:52	10/05/24 16:39	1
Carbon disulfide	ND		5.6	1.3	ug/Kg	☼	10/05/24 12:52	10/05/24 16:39	1
Carbon tetrachloride	ND		5.6	3.7	ug/Kg	☼	10/05/24 12:52	10/05/24 16:39	1
Chlorobenzene	ND		5.6	1.0	ug/Kg	☼	10/05/24 12:52	10/05/24 16:39	1
Chloroethane	ND		5.6	3.1	ug/Kg	☼	10/05/24 12:52	10/05/24 16:39	1
Chloroform	ND		5.6	0.89	ug/Kg	☼	10/05/24 12:52	10/05/24 16:39	1
Chloromethane	ND		5.6	2.6	ug/Kg	☼	10/05/24 12:52	10/05/24 16:39	1
cis-1,2-Dichloroethene	ND		5.6	1.7	ug/Kg	☼	10/05/24 12:52	10/05/24 16:39	1
cis-1,3-Dichloropropene	ND		5.6	3.2	ug/Kg	☼	10/05/24 12:52	10/05/24 16:39	1
Cyclohexane	ND		11	1.6	ug/Kg	☼	10/05/24 12:52	10/05/24 16:39	1
Chlorodibromomethane	ND		5.6	3.1	ug/Kg	☼	10/05/24 12:52	10/05/24 16:39	1
Dichlorodifluoromethane	ND		5.6	2.6	ug/Kg	☼	10/05/24 12:52	10/05/24 16:39	1
Ethylbenzene	ND		5.6	1.2	ug/Kg	☼	10/05/24 12:52	10/05/24 16:39	1
Isopropylbenzene	ND		5.6	2.2	ug/Kg	☼	10/05/24 12:52	10/05/24 16:39	1
Methyl acetate	ND		28	3.8	ug/Kg	☼	10/05/24 12:52	10/05/24 16:39	1
Methyl tert-butyl ether	ND		5.6	2.2	ug/Kg	☼	10/05/24 12:52	10/05/24 16:39	1
Methylcyclohexane	ND		11	1.4	ug/Kg	☼	10/05/24 12:52	10/05/24 16:39	1
Methylene Chloride	ND		28	14	ug/Kg	☼	10/05/24 12:52	10/05/24 16:39	1
Styrene	ND		5.6	1.3	ug/Kg	☼	10/05/24 12:52	10/05/24 16:39	1
Tetrachloroethene	ND		5.6	4.4	ug/Kg	☼	10/05/24 12:52	10/05/24 16:39	1
Toluene	ND		5.6	0.87	ug/Kg	☼	10/05/24 12:52	10/05/24 16:39	1
trans-1,2-Dichloroethene	ND		5.6	1.6	ug/Kg	☼	10/05/24 12:52	10/05/24 16:39	1
trans-1,3-Dichloropropene	ND		5.6	4.2	ug/Kg	☼	10/05/24 12:52	10/05/24 16:39	1
Trichloroethene	ND		5.6	1.6	ug/Kg	☼	10/05/24 12:52	10/05/24 16:39	1
Trichlorofluoromethane	ND		5.6	3.0	ug/Kg	☼	10/05/24 12:52	10/05/24 16:39	1
Vinyl chloride	ND		5.6	2.0	ug/Kg	☼	10/05/24 12:52	10/05/24 16:39	1
Xylenes, Total	ND		11	1.8	ug/Kg	☼	10/05/24 12:52	10/05/24 16:39	1

Client: August Mack Environmental, Inc.
Project/Site: MSC Canfield - Soil

Job ID: 240-212437-1

Client Sample ID: T875-E-0.0
Date Collected: 10/03/24 13:55
Date Received: 10/04/24 16:30

Lab Sample ID: 240-212437-2
Matrix: Solid
Percent Solids: 83.5

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Toluene-d8 (Surr)	*106*		*56 - 125*	*10/05/24 12:52*	*10/05/24 16:39*	*1*
Dibromofluoromethane (Surr)	*94*		*41 - 138*	*10/05/24 12:52*	*10/05/24 16:39*	*1*
4-Bromofluorobenzene (Surr)	*95*		*41 - 143*	*10/05/24 12:52*	*10/05/24 16:39*	*1*
1,2-Dichloroethane-d4 (Surr)	*100*		*58 - 125*	*10/05/24 12:52*	*10/05/24 16:39*	*1*

Method: SW846 8270E - Semivolatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1'-Biphenyl	ND		120	33	ug/Kg	☼	10/07/24 09:29	10/08/24 18:25	1
bis (2-chloroisopropyl) ether	ND		120	31	ug/Kg	☼	10/07/24 09:29	10/08/24 18:25	1
2,4,5-Trichlorophenol	ND		180	39	ug/Kg	☼	10/07/24 09:29	10/08/24 18:25	1
2,4,6-Trichlorophenol	ND		180	34	ug/Kg	☼	10/07/24 09:29	10/08/24 18:25	1
2,4-Dichlorophenol	ND		180	32	ug/Kg	☼	10/07/24 09:29	10/08/24 18:25	1
2,4-Dimethylphenol	ND		180	43	ug/Kg	☼	10/07/24 09:29	10/08/24 18:25	1
2,4-Dinitrophenol	ND		390	200	ug/Kg	☼	10/07/24 09:29	10/08/24 18:25	1
2,4-Dinitrotoluene	ND		240	27	ug/Kg	☼	10/07/24 09:29	10/08/24 18:25	1
2,6-Dinitrotoluene	ND		240	43	ug/Kg	☼	10/07/24 09:29	10/08/24 18:25	1
2-Chloronaphthalene	ND		120	33	ug/Kg	☼	10/07/24 09:29	10/08/24 18:25	1
2-Chlorophenol	ND		120	31	ug/Kg	☼	10/07/24 09:29	10/08/24 18:25	1
2-Methylnaphthalene	**40**	**J**	47	15	ug/Kg	☼	10/07/24 09:29	10/08/24 18:25	1
2-Methylphenol	ND		240	49	ug/Kg	☼	10/07/24 09:29	10/08/24 18:25	1
2-Nitroaniline	ND		240	45	ug/Kg	☼	10/07/24 09:29	10/08/24 18:25	1
2-Nitrophenol	ND		120	42	ug/Kg	☼	10/07/24 09:29	10/08/24 18:25	1
3,3'-Dichlorobenzidine	ND		180	110	ug/Kg	☼	10/07/24 09:29	10/08/24 18:25	1
3-Nitroaniline	ND		240	42	ug/Kg	☼	10/07/24 09:29	10/08/24 18:25	1
4,6-Dinitro-2-methylphenol	ND		390	120	ug/Kg	☼	10/07/24 09:29	10/08/24 18:25	1
4-Bromophenyl phenyl ether	ND		120	38	ug/Kg	☼	10/07/24 09:29	10/08/24 18:25	1
4-Chloro-3-methylphenol	ND		180	45	ug/Kg	☼	10/07/24 09:29	10/08/24 18:25	1
4-Chloroaniline	ND		180	19	ug/Kg	☼	10/07/24 09:29	10/08/24 18:25	1
4-Chlorophenyl phenyl ether	ND		120	33	ug/Kg	☼	10/07/24 09:29	10/08/24 18:25	1
4-Nitroaniline	ND		240	31	ug/Kg	☼	10/07/24 09:29	10/08/24 18:25	1
4-Nitrophenol	ND		390	110	ug/Kg	☼	10/07/24 09:29	10/08/24 18:25	1
Acenaphthene	ND		47	17	ug/Kg	☼	10/07/24 09:29	10/08/24 18:25	1
Acenaphthylene	ND		47	18	ug/Kg	☼	10/07/24 09:29	10/08/24 18:25	1
Acetophenone	ND		120	30	ug/Kg	☼	10/07/24 09:29	10/08/24 18:25	1
Anthracene	ND		47	14	ug/Kg	☼	10/07/24 09:29	10/08/24 18:25	1
Atrazine	ND		390	82	ug/Kg	☼	10/07/24 09:29	10/08/24 18:25	1
Benzaldehyde	ND		390	66	ug/Kg	☼	10/07/24 09:29	10/08/24 18:25	1
Benzo[a]anthracene	**37**	**J**	47	18	ug/Kg	☼	10/07/24 09:29	10/08/24 18:25	1
Benzo[a]pyrene	**38**	**J**	47	17	ug/Kg	☼	10/07/24 09:29	10/08/24 18:25	1
Benzo[b]fluoranthene	**56**		47	14	ug/Kg	☼	10/07/24 09:29	10/08/24 18:25	1
Benzo[g,h,i]perylene	**34**	**J**	47	32	ug/Kg	☼	10/07/24 09:29	10/08/24 18:25	1
Benzo[k]fluoranthene	**22**	**J**	47	12	ug/Kg	☼	10/07/24 09:29	10/08/24 18:25	1
Bis(2-chloroethoxy)methane	ND		120	24	ug/Kg	☼	10/07/24 09:29	10/08/24 18:25	1
Bis(2-chloroethyl)ether	ND		120	26	ug/Kg	☼	10/07/24 09:29	10/08/24 18:25	1
Bis(2-ethylhexyl) phthalate	ND		180	66	ug/Kg	☼	10/07/24 09:29	10/08/24 18:25	1
Butyl benzyl phthalate	ND		180	61	ug/Kg	☼	10/07/24 09:29	10/08/24 18:25	1
Caprolactam	ND		390	82	ug/Kg	☼	10/07/24 09:29	10/08/24 18:25	1
Carbazole	ND		120	32	ug/Kg	☼	10/07/24 09:29	10/08/24 18:25	1
Chrysene	**47**		47	17	ug/Kg	☼	10/07/24 09:29	10/08/24 18:25	1
Dibenz(a,h)anthracene	ND		47	18	ug/Kg	☼	10/07/24 09:29	10/08/24 18:25	1

Client Sample ID: T875-E-0.0
Date Collected: 10/03/24 13:55
Date Received: 10/04/24 16:30

Lab Sample ID: 240-212437-2
Matrix: Solid
Percent Solids: 83.5

Method: SW846 8270E - Semivolatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Dibenzofuran	ND		120	34	ug/Kg	☼	10/07/24 09:29	10/08/24 18:25	1
Diethyl phthalate	ND		180	51	ug/Kg	☼	10/07/24 09:29	10/08/24 18:25	1
Dimethyl phthalate	ND		180	47	ug/Kg	☼	10/07/24 09:29	10/08/24 18:25	1
Di-n-butyl phthalate	ND		180	61	ug/Kg	☼	10/07/24 09:29	10/08/24 18:25	1
Di-n-octyl phthalate	ND		180	59	ug/Kg	☼	10/07/24 09:29	10/08/24 18:25	1
Fluoranthene	**67**		47	17	ug/Kg	☼	10/07/24 09:29	10/08/24 18:25	1
Fluorene	ND		47	17	ug/Kg	☼	10/07/24 09:29	10/08/24 18:25	1
Hexachlorobenzene	ND		47	17	ug/Kg	☼	10/07/24 09:29	10/08/24 18:25	1
Hexachlorobutadiene	ND		120	25	ug/Kg	☼	10/07/24 09:29	10/08/24 18:25	1
Hexachlorocyclopentadiene	ND		390	46	ug/Kg	☼	10/07/24 09:29	10/08/24 18:25	1
Hexachloroethane	ND		120	38	ug/Kg	☼	10/07/24 09:29	10/08/24 18:25	1
Indeno[1,2,3-cd]pyrene	**18**	**J**	47	14	ug/Kg	☼	10/07/24 09:29	10/08/24 18:25	1
Isophorone	ND		120	31	ug/Kg	☼	10/07/24 09:29	10/08/24 18:25	1
N-Nitrosodi-n-propylamine	ND		120	44	ug/Kg	☼	10/07/24 09:29	10/08/24 18:25	1
N-Nitrosodiphenylamine	ND		120	32	ug/Kg	☼	10/07/24 09:29	10/08/24 18:25	1
Naphthalene	**29**	**J**	47	15	ug/Kg	☼	10/07/24 09:29	10/08/24 18:25	1
Nitrobenzene	ND		120	26	ug/Kg	☼	10/07/24 09:29	10/08/24 18:25	1
Pentachlorophenol	ND		320	120	ug/Kg	☼	10/07/24 09:29	10/08/24 18:25	1
Phenanthrene	**36**	**J**	47	15	ug/Kg	☼	10/07/24 09:29	10/08/24 18:25	1
Phenol	ND		120	45	ug/Kg	☼	10/07/24 09:29	10/08/24 18:25	1
Pyrene	**57**		47	19	ug/Kg	☼	10/07/24 09:29	10/08/24 18:25	1
3 & 4 Methylphenol	ND		470	49	ug/Kg	☼	10/07/24 09:29	10/08/24 18:25	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Terphenyl-d14 (Surr)	*72*		*37 - 120*	*10/07/24 09:29*	*10/08/24 18:25*	*1*
Phenol-d5 (Surr)	*74*		*29 - 120*	*10/07/24 09:29*	*10/08/24 18:25*	*1*
Nitrobenzene-d5 (Surr)	*65*		*28 - 120*	*10/07/24 09:29*	*10/08/24 18:25*	*1*
2-Fluorophenol (Surr)	*70*		*26 - 120*	*10/07/24 09:29*	*10/08/24 18:25*	*1*
2-Fluorobiphenyl (Surr)	*73*		*36 - 120*	*10/07/24 09:29*	*10/08/24 18:25*	*1*
2,4,6-Tribromophenol (Surr)	*83*		*10 - 120*	*10/07/24 09:29*	*10/08/24 18:25*	*1*

Method: SW846 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aroclor-1016	ND		61	30	ug/Kg	☼	10/07/24 09:33	10/07/24 18:58	1
Aroclor-1221	ND		61	37	ug/Kg	☼	10/07/24 09:33	10/07/24 18:58	1
Aroclor-1232	ND		61	26	ug/Kg	☼	10/07/24 09:33	10/07/24 18:58	1
Aroclor-1242	ND		61	23	ug/Kg	☼	10/07/24 09:33	10/07/24 18:58	1
Aroclor-1248	ND		61	21	ug/Kg	☼	10/07/24 09:33	10/07/24 18:58	1
Aroclor-1254	ND		61	26	ug/Kg	☼	10/07/24 09:33	10/07/24 18:58	1
Aroclor-1260	ND		61	26	ug/Kg	☼	10/07/24 09:33	10/07/24 18:58	1
Aroclor-1262	ND		61	27	ug/Kg	☼	10/07/24 09:33	10/07/24 18:58	1
Aroclor-1268	ND		61	20	ug/Kg	☼	10/07/24 09:33	10/07/24 18:58	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Tetrachloro-m-xylene	*60*		*10 - 149*	*10/07/24 09:33*	*10/07/24 18:58*	*1*
DCB Decachlorobiphenyl	*57*		*10 - 174*	*10/07/24 09:33*	*10/07/24 18:58*	*1*

Method: SW846 6010D - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	**9.8**		1.5	0.31	mg/Kg	☼	10/07/24 15:00	10/08/24 14:11	1

Client: August Mack Environmental, Inc.
Project/Site: MSC Canfield - Soil

Job ID: 240-212437-1

Client Sample ID: T875-E-0.0
Date Collected: 10/03/24 13:55
Date Received: 10/04/24 16:30

Lab Sample ID: 240-212437-2
Matrix: Solid
Percent Solids: 83.5

Method: SW846 6010D - Metals (ICP) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Barium	44		20	0.12	mg/Kg	☼	10/07/24 15:00	10/08/24 14:11	1
Cadmium	0.23	J	0.49	0.047	mg/Kg	☼	10/07/24 15:00	10/08/24 14:11	1
Chromium	11		0.98	0.34	mg/Kg	☼	10/07/24 15:00	10/08/24 14:11	1
Copper	15		2.5	0.69	mg/Kg	☼	10/07/24 15:00	10/08/24 14:11	1
Lead	14		0.98	0.28	mg/Kg	☼	10/07/24 15:00	10/08/24 14:11	1
Selenium	0.51	J	2.0	0.46	mg/Kg	☼	10/07/24 15:00	10/08/24 14:11	1
Silver	ND		0.98	0.080	mg/Kg	☼	10/07/24 15:00	10/08/24 14:11	1
Zinc	75		4.9	3.6	mg/Kg	☼	10/07/24 15:00	10/08/24 14:11	1

Method: SW846 7471B - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.032	J	0.11	0.020	mg/Kg	☼	10/07/24 15:00	10/08/24 11:36	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cyanide, Total (SW846 9012B)	1.4		0.60	0.48	mg/Kg	☼	10/07/24 11:09	10/07/24 18:41	1

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Solids (EPA Moisture)	83.5		0.1	0.1	%			10/07/24 10:13	1
Percent Moisture (EPA Moisture)	16.5		0.1	0.1	%			10/07/24 10:13	1

Client: August Mack Environmental, Inc.
Project/Site: MSC Canfield - Soil

Job ID: 240-212437-1

Client Sample ID: T875-C-0.0
Date Collected: 10/03/24 13:55
Date Received: 10/04/24 16:30

Lab Sample ID: 240-212437-3
Matrix: Solid
Percent Solids: 80.8

Method: SW846 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		6.0	2.1	ug/Kg	☼	10/05/24 12:52	10/05/24 16:59	1
1,1,2,2-Tetrachloroethane	ND		6.0	1.7	ug/Kg	☼	10/05/24 12:52	10/05/24 16:59	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		6.0	1.5	ug/Kg	☼	10/05/24 12:52	10/05/24 16:59	1
1,1,2-Trichloroethane	ND		6.0	1.3	ug/Kg	☼	10/05/24 12:52	10/05/24 16:59	1
1,1-Dichloroethane	ND		6.0	1.7	ug/Kg	☼	10/05/24 12:52	10/05/24 16:59	1
1,1-Dichloroethene	ND		6.0	2.2	ug/Kg	☼	10/05/24 12:52	10/05/24 16:59	1
1,2,4-Trichlorobenzene	ND		6.0	3.0	ug/Kg	☼	10/05/24 12:52	10/05/24 16:59	1
1,2-Dibromo-3-Chloropropane	ND		12	4.3	ug/Kg	☼	10/05/24 12:52	10/05/24 16:59	1
Ethylene Dibromide	ND		6.0	0.92	ug/Kg	☼	10/05/24 12:52	10/05/24 16:59	1
1,2-Dichlorobenzene	ND		6.0	1.3	ug/Kg	☼	10/05/24 12:52	10/05/24 16:59	1
1,2-Dichloroethane	ND		6.0	2.1	ug/Kg	☼	10/05/24 12:52	10/05/24 16:59	1
1,2-Dichloropropane	ND		6.0	1.0	ug/Kg	☼	10/05/24 12:52	10/05/24 16:59	1
1,3-Dichlorobenzene	ND		6.0	2.0	ug/Kg	☼	10/05/24 12:52	10/05/24 16:59	1
1,4-Dichlorobenzene	ND		6.0	1.1	ug/Kg	☼	10/05/24 12:52	10/05/24 16:59	1
2-Butanone (MEK)	ND		24	4.2	ug/Kg	☼	10/05/24 12:52	10/05/24 16:59	1
2-Hexanone	ND		24	4.9	ug/Kg	☼	10/05/24 12:52	10/05/24 16:59	1
4-Methyl-2-pentanone (MIBK)	ND		24	4.4	ug/Kg	☼	10/05/24 12:52	10/05/24 16:59	1
Acetone	ND		30	25	ug/Kg	☼	10/05/24 12:52	10/05/24 16:59	1
Benzene	ND		6.0	0.83	ug/Kg	☼	10/05/24 12:52	10/05/24 16:59	1
Dichlorobromomethane	ND		6.0	1.8	ug/Kg	☼	10/05/24 12:52	10/05/24 16:59	1
Bromoform	ND		6.0	2.9	ug/Kg	☼	10/05/24 12:52	10/05/24 16:59	1
Bromomethane	ND		6.0	4.9	ug/Kg	☼	10/05/24 12:52	10/05/24 16:59	1
Carbon disulfide	ND		6.0	1.4	ug/Kg	☼	10/05/24 12:52	10/05/24 16:59	1
Carbon tetrachloride	ND		6.0	3.9	ug/Kg	☼	10/05/24 12:52	10/05/24 16:59	1
Chlorobenzene	ND		6.0	1.1	ug/Kg	☼	10/05/24 12:52	10/05/24 16:59	1
Chloroethane	ND		6.0	3.3	ug/Kg	☼	10/05/24 12:52	10/05/24 16:59	1
Chloroform	ND		6.0	0.94	ug/Kg	☼	10/05/24 12:52	10/05/24 16:59	1
Chloromethane	ND		6.0	2.7	ug/Kg	☼	10/05/24 12:52	10/05/24 16:59	1
cis-1,2-Dichloroethene	ND		6.0	1.8	ug/Kg	☼	10/05/24 12:52	10/05/24 16:59	1
cis-1,3-Dichloropropene	ND		6.0	3.4	ug/Kg	☼	10/05/24 12:52	10/05/24 16:59	1
Cyclohexane	ND		12	1.6	ug/Kg	☼	10/05/24 12:52	10/05/24 16:59	1
Chlorodibromomethane	ND		6.0	3.3	ug/Kg	☼	10/05/24 12:52	10/05/24 16:59	1
Dichlorodifluoromethane	ND		6.0	2.7	ug/Kg	☼	10/05/24 12:52	10/05/24 16:59	1
Ethylbenzene	ND		6.0	1.2	ug/Kg	☼	10/05/24 12:52	10/05/24 16:59	1
Isopropylbenzene	ND		6.0	2.3	ug/Kg	☼	10/05/24 12:52	10/05/24 16:59	1
Methyl acetate	ND		30	4.1	ug/Kg	☼	10/05/24 12:52	10/05/24 16:59	1
Methyl tert-butyl ether	ND		6.0	2.4	ug/Kg	☼	10/05/24 12:52	10/05/24 16:59	1
Methylcyclohexane	ND		12	1.5	ug/Kg	☼	10/05/24 12:52	10/05/24 16:59	1
Methylene Chloride	ND		30	14	ug/Kg	☼	10/05/24 12:52	10/05/24 16:59	1
Styrene	ND		6.0	1.4	ug/Kg	☼	10/05/24 12:52	10/05/24 16:59	1
Tetrachloroethene	ND		6.0	4.6	ug/Kg	☼	10/05/24 12:52	10/05/24 16:59	1
Toluene	ND		6.0	0.92	ug/Kg	☼	10/05/24 12:52	10/05/24 16:59	1
trans-1,2-Dichloroethene	ND		6.0	1.7	ug/Kg	☼	10/05/24 12:52	10/05/24 16:59	1
trans-1,3-Dichloropropene	ND		6.0	4.4	ug/Kg	☼	10/05/24 12:52	10/05/24 16:59	1
Trichloroethene	ND		6.0	1.7	ug/Kg	☼	10/05/24 12:52	10/05/24 16:59	1
Trichlorofluoromethane	ND		6.0	3.2	ug/Kg	☼	10/05/24 12:52	10/05/24 16:59	1
Vinyl chloride	ND		6.0	2.1	ug/Kg	☼	10/05/24 12:52	10/05/24 16:59	1
Xylenes, Total	ND		12	1.9	ug/Kg	☼	10/05/24 12:52	10/05/24 16:59	1

Client Sample ID: T875-C-0.0
Date Collected: 10/03/24 13:55
Date Received: 10/04/24 16:30

Lab Sample ID: 240-212437-3
Matrix: Solid
Percent Solids: 80.8

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Toluene-d8 (Surr)	*98*		*56 - 125*	*10/05/24 12:52*	*10/05/24 16:59*	*1*
Dibromofluoromethane (Surr)	*89*		*41 - 138*	*10/05/24 12:52*	*10/05/24 16:59*	*1*
4-Bromofluorobenzene (Surr)	*92*		*41 - 143*	*10/05/24 12:52*	*10/05/24 16:59*	*1*
1,2-Dichloroethane-d4 (Surr)	*96*		*58 - 125*	*10/05/24 12:52*	*10/05/24 16:59*	*1*

Method: SW846 8270E - Semivolatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1'-Biphenyl	ND		120	34	ug/Kg	☼	10/07/24 09:29	10/08/24 12:43	1
bis (2-chloroisopropyl) ether	ND		120	32	ug/Kg	☼	10/07/24 09:29	10/08/24 12:43	1
2,4,5-Trichlorophenol	ND		180	40	ug/Kg	☼	10/07/24 09:29	10/08/24 12:43	1
2,4,6-Trichlorophenol	ND		180	35	ug/Kg	☼	10/07/24 09:29	10/08/24 12:43	1
2,4-Dichlorophenol	ND		180	33	ug/Kg	☼	10/07/24 09:29	10/08/24 12:43	1
2,4-Dimethylphenol	ND		180	44	ug/Kg	☼	10/07/24 09:29	10/08/24 12:43	1
2,4-Dinitrophenol	ND		400	210	ug/Kg	☼	10/07/24 09:29	10/08/24 12:43	1
2,4-Dinitrotoluene	ND		240	28	ug/Kg	☼	10/07/24 09:29	10/08/24 12:43	1
2,6-Dinitrotoluene	ND		240	44	ug/Kg	☼	10/07/24 09:29	10/08/24 12:43	1
2-Chloronaphthalene	ND		120	34	ug/Kg	☼	10/07/24 09:29	10/08/24 12:43	1
2-Chlorophenol	ND		120	32	ug/Kg	☼	10/07/24 09:29	10/08/24 12:43	1
2-Methylnaphthalene	**21**	**J**	49	16	ug/Kg	☼	10/07/24 09:29	10/08/24 12:43	1
2-Methylphenol	ND		240	50	ug/Kg	☼	10/07/24 09:29	10/08/24 12:43	1
2-Nitroaniline	ND		240	46	ug/Kg	☼	10/07/24 09:29	10/08/24 12:43	1
2-Nitrophenol	ND		120	43	ug/Kg	☼	10/07/24 09:29	10/08/24 12:43	1
3,3'-Dichlorobenzidine	ND		180	120	ug/Kg	☼	10/07/24 09:29	10/08/24 12:43	1
3-Nitroaniline	ND		240	43	ug/Kg	☼	10/07/24 09:29	10/08/24 12:43	1
4,6-Dinitro-2-methylphenol	ND		400	130	ug/Kg	☼	10/07/24 09:29	10/08/24 12:43	1
4-Bromophenyl phenyl ether	ND		120	39	ug/Kg	☼	10/07/24 09:29	10/08/24 12:43	1
4-Chloro-3-methylphenol	ND		180	46	ug/Kg	☼	10/07/24 09:29	10/08/24 12:43	1
4-Chloroaniline	ND		180	19	ug/Kg	☼	10/07/24 09:29	10/08/24 12:43	1
4-Chlorophenyl phenyl ether	ND		120	34	ug/Kg	☼	10/07/24 09:29	10/08/24 12:43	1
4-Nitroaniline	ND		240	32	ug/Kg	☼	10/07/24 09:29	10/08/24 12:43	1
4-Nitrophenol	ND		400	110	ug/Kg	☼	10/07/24 09:29	10/08/24 12:43	1
Acenaphthene	ND		49	17	ug/Kg	☼	10/07/24 09:29	10/08/24 12:43	1
Acenaphthylene	ND		49	18	ug/Kg	☼	10/07/24 09:29	10/08/24 12:43	1
Acetophenone	ND		120	30	ug/Kg	☼	10/07/24 09:29	10/08/24 12:43	1
Anthracene	ND		49	15	ug/Kg	☼	10/07/24 09:29	10/08/24 12:43	1
Atrazine	ND		400	84	ug/Kg	☼	10/07/24 09:29	10/08/24 12:43	1
Benzaldehyde	ND		400	68	ug/Kg	☼	10/07/24 09:29	10/08/24 12:43	1
Benzo[a]anthracene	**27**	**J**	49	18	ug/Kg	☼	10/07/24 09:29	10/08/24 12:43	1
Benzo[a]pyrene	**17**	**J**	49	17	ug/Kg	☼	10/07/24 09:29	10/08/24 12:43	1
Benzo[b]fluoranthene	**29**	**J**	49	15	ug/Kg	☼	10/07/24 09:29	10/08/24 12:43	1
Benzo[g,h,i]perylene	ND		49	33	ug/Kg	☼	10/07/24 09:29	10/08/24 12:43	1
Benzo[k]fluoranthene	**14**	**J**	49	12	ug/Kg	☼	10/07/24 09:29	10/08/24 12:43	1
Bis(2-chloroethoxy)methane	ND		120	24	ug/Kg	☼	10/07/24 09:29	10/08/24 12:43	1
Bis(2-chloroethyl)ether	ND		120	27	ug/Kg	☼	10/07/24 09:29	10/08/24 12:43	1
Bis(2-ethylhexyl) phthalate	ND		180	68	ug/Kg	☼	10/07/24 09:29	10/08/24 12:43	1
Butyl benzyl phthalate	ND		180	62	ug/Kg	☼	10/07/24 09:29	10/08/24 12:43	1
Caprolactam	ND		400	84	ug/Kg	☼	10/07/24 09:29	10/08/24 12:43	1
Carbazole	ND		120	33	ug/Kg	☼	10/07/24 09:29	10/08/24 12:43	1
Chrysene	**30**	**J**	49	17	ug/Kg	☼	10/07/24 09:29	10/08/24 12:43	1
Dibenz(a,h)anthracene	ND		49	18	ug/Kg	☼	10/07/24 09:29	10/08/24 12:43	1

Client Sample ID: T875-C-0.0
Date Collected: 10/03/24 13:55
Date Received: 10/04/24 16:30

Lab Sample ID: 240-212437-3
Matrix: Solid
Percent Solids: 80.8

Method: SW846 8270E - Semivolatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Dibenzofuran	ND		120	35	ug/Kg	☼	10/07/24 09:29	10/08/24 12:43	1
Diethyl phthalate	ND		180	52	ug/Kg	☼	10/07/24 09:29	10/08/24 12:43	1
Dimethyl phthalate	ND		180	49	ug/Kg	☼	10/07/24 09:29	10/08/24 12:43	1
Di-n-butyl phthalate	ND		180	62	ug/Kg	☼	10/07/24 09:29	10/08/24 12:43	1
Di-n-octyl phthalate	ND		180	61	ug/Kg	☼	10/07/24 09:29	10/08/24 12:43	1
Fluoranthene	**39**	**J**	49	17	ug/Kg	☼	10/07/24 09:29	10/08/24 12:43	1
Fluorene	ND		49	17	ug/Kg	☼	10/07/24 09:29	10/08/24 12:43	1
Hexachlorobenzene	ND		49	17	ug/Kg	☼	10/07/24 09:29	10/08/24 12:43	1
Hexachlorobutadiene	ND		120	26	ug/Kg	☼	10/07/24 09:29	10/08/24 12:43	1
Hexachlorocyclopentadiene	ND		400	47	ug/Kg	☼	10/07/24 09:29	10/08/24 12:43	1
Hexachloroethane	ND		120	39	ug/Kg	☼	10/07/24 09:29	10/08/24 12:43	1
Indeno[1,2,3-cd]pyrene	ND		49	15	ug/Kg	☼	10/07/24 09:29	10/08/24 12:43	1
Isophorone	ND		120	32	ug/Kg	☼	10/07/24 09:29	10/08/24 12:43	1
N-Nitrosodi-n-propylamine	ND		120	45	ug/Kg	☼	10/07/24 09:29	10/08/24 12:43	1
N-Nitrosodiphenylamine	ND		120	33	ug/Kg	☼	10/07/24 09:29	10/08/24 12:43	1
Naphthalene	ND		49	16	ug/Kg	☼	10/07/24 09:29	10/08/24 12:43	1
Nitrobenzene	ND		120	27	ug/Kg	☼	10/07/24 09:29	10/08/24 12:43	1
Pentachlorophenol	ND		330	130	ug/Kg	☼	10/07/24 09:29	10/08/24 12:43	1
Phenanthrene	**18**	**J**	49	16	ug/Kg	☼	10/07/24 09:29	10/08/24 12:43	1
Phenol	ND		120	46	ug/Kg	☼	10/07/24 09:29	10/08/24 12:43	1
Pyrene	**40**	**J**	49	19	ug/Kg	☼	10/07/24 09:29	10/08/24 12:43	1
3 & 4 Methylphenol	ND		490	50	ug/Kg	☼	10/07/24 09:29	10/08/24 12:43	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Terphenyl-d14 (Surr)	*71*		*37 - 120*	*10/07/24 09:29*	*10/08/24 12:43*	*1*
Phenol-d5 (Surr)	*75*		*29 - 120*	*10/07/24 09:29*	*10/08/24 12:43*	*1*
Nitrobenzene-d5 (Surr)	*68*		*28 - 120*	*10/07/24 09:29*	*10/08/24 12:43*	*1*
2-Fluorophenol (Surr)	*73*		*26 - 120*	*10/07/24 09:29*	*10/08/24 12:43*	*1*
2-Fluorobiphenyl (Surr)	*72*		*36 - 120*	*10/07/24 09:29*	*10/08/24 12:43*	*1*
2,4,6-Tribromophenol (Surr)	*69*		*10 - 120*	*10/07/24 09:29*	*10/08/24 12:43*	*1*

Method: SW846 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aroclor-1016	ND		59	30	ug/Kg	☼	10/07/24 09:33	10/07/24 19:14	1
Aroclor-1221	ND		59	36	ug/Kg	☼	10/07/24 09:33	10/07/24 19:14	1
Aroclor-1232	ND		59	25	ug/Kg	☼	10/07/24 09:33	10/07/24 19:14	1
Aroclor-1242	ND		59	23	ug/Kg	☼	10/07/24 09:33	10/07/24 19:14	1
Aroclor-1248	ND		59	20	ug/Kg	☼	10/07/24 09:33	10/07/24 19:14	1
Aroclor-1254	ND		59	25	ug/Kg	☼	10/07/24 09:33	10/07/24 19:14	1
Aroclor-1260	ND		59	25	ug/Kg	☼	10/07/24 09:33	10/07/24 19:14	1
Aroclor-1262	ND		59	26	ug/Kg	☼	10/07/24 09:33	10/07/24 19:14	1
Aroclor-1268	ND		59	19	ug/Kg	☼	10/07/24 09:33	10/07/24 19:14	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Tetrachloro-m-xylene	*65*		*10 - 149*	*10/07/24 09:33*	*10/07/24 19:14*	*1*
DCB Decachlorobiphenyl	*63*		*10 - 174*	*10/07/24 09:33*	*10/07/24 19:14*	*1*

Method: SW846 6010D - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	**16**		1.6	0.34	mg/Kg	☼	10/07/24 15:00	10/08/24 14:15	1

Client: August Mack Environmental, Inc.
Project/Site: MSC Canfield - Soil

Job ID: 240-212437-1

Client Sample ID: T875-C-0.0
Date Collected: 10/03/24 13:55
Date Received: 10/04/24 16:30

Lab Sample ID: 240-212437-3
Matrix: Solid
Percent Solids: 80.8

Method: SW846 6010D - Metals (ICP) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Barium	56		21	0.13	mg/Kg	☼	10/07/24 15:00	10/08/24 14:15	1
Cadmium	ND		0.53	0.051	mg/Kg	☼	10/07/24 15:00	10/08/24 14:15	1
Chromium	15		1.1	0.37	mg/Kg	☼	10/07/24 15:00	10/08/24 14:15	1
Copper	11		2.7	0.75	mg/Kg	☼	10/07/24 15:00	10/08/24 14:15	1
Lead	10		1.1	0.30	mg/Kg	☼	10/07/24 15:00	10/08/24 14:15	1
Selenium	0.53	J	2.1	0.50	mg/Kg	☼	10/07/24 15:00	10/08/24 14:15	1
Silver	ND		1.1	0.086	mg/Kg	☼	10/07/24 15:00	10/08/24 14:15	1
Zinc	820		5.3	3.9	mg/Kg	☼	10/07/24 15:00	10/08/24 14:15	1

Method: SW846 7471B - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	ND		0.13	0.023	mg/Kg	☼	10/07/24 15:00	10/08/24 11:37	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cyanide, Total (SW846 9012B)	170		35	28	mg/Kg	☼	10/07/24 11:09	10/07/24 19:38	50

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Solids (EPA Moisture)	80.8		0.1	0.1	%			10/07/24 10:13	1
Percent Moisture (EPA Moisture)	19.2		0.1	0.1	%			10/07/24 10:13	1

Client: August Mack Environmental, Inc.
Project/Site: MSC Canfield - Soil

Job ID: 240-212437-1

Client Sample ID: T1000-W-0.0
Date Collected: 10/03/24 14:14
Date Received: 10/04/24 16:30

Lab Sample ID: 240-212437-4
Matrix: Solid
Percent Solids: 74.2

Method: SW846 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		6.5	2.3	ug/Kg	☼	10/05/24 12:52	10/05/24 17:19	1
1,1,2,2-Tetrachloroethane	ND		6.5	1.9	ug/Kg	☼	10/05/24 12:52	10/05/24 17:19	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		6.5	1.7	ug/Kg	☼	10/05/24 12:52	10/05/24 17:19	1
1,1,2-Trichloroethane	ND		6.5	1.5	ug/Kg	☼	10/05/24 12:52	10/05/24 17:19	1
1,1-Dichloroethane	ND		6.5	1.8	ug/Kg	☼	10/05/24 12:52	10/05/24 17:19	1
1,1-Dichloroethene	ND		6.5	2.4	ug/Kg	☼	10/05/24 12:52	10/05/24 17:19	1
1,2,4-Trichlorobenzene	ND		6.5	3.3	ug/Kg	☼	10/05/24 12:52	10/05/24 17:19	1
1,2-Dibromo-3-Chloropropane	ND		13	4.7	ug/Kg	☼	10/05/24 12:52	10/05/24 17:19	1
Ethylene Dibromide	ND		6.5	1.0	ug/Kg	☼	10/05/24 12:52	10/05/24 17:19	1
1,2-Dichlorobenzene	ND		6.5	1.4	ug/Kg	☼	10/05/24 12:52	10/05/24 17:19	1
1,2-Dichloroethane	ND		6.5	2.3	ug/Kg	☼	10/05/24 12:52	10/05/24 17:19	1
1,2-Dichloropropane	ND		6.5	1.1	ug/Kg	☼	10/05/24 12:52	10/05/24 17:19	1
1,3-Dichlorobenzene	ND		6.5	2.1	ug/Kg	☼	10/05/24 12:52	10/05/24 17:19	1
1,4-Dichlorobenzene	ND		6.5	1.1	ug/Kg	☼	10/05/24 12:52	10/05/24 17:19	1
2-Butanone (MEK)	ND		26	4.6	ug/Kg	☼	10/05/24 12:52	10/05/24 17:19	1
2-Hexanone	ND		26	5.3	ug/Kg	☼	10/05/24 12:52	10/05/24 17:19	1
4-Methyl-2-pentanone (MIBK)	ND		26	4.8	ug/Kg	☼	10/05/24 12:52	10/05/24 17:19	1
Acetone	ND		33	27	ug/Kg	☼	10/05/24 12:52	10/05/24 17:19	1
Benzene	ND		6.5	0.91	ug/Kg	☼	10/05/24 12:52	10/05/24 17:19	1
Dichlorobromomethane	ND		6.5	2.0	ug/Kg	☼	10/05/24 12:52	10/05/24 17:19	1
Bromoform	ND		6.5	3.1	ug/Kg	☼	10/05/24 12:52	10/05/24 17:19	1
Bromomethane	ND		6.5	5.4	ug/Kg	☼	10/05/24 12:52	10/05/24 17:19	1
Carbon disulfide	ND		6.5	1.5	ug/Kg	☼	10/05/24 12:52	10/05/24 17:19	1
Carbon tetrachloride	ND		6.5	4.2	ug/Kg	☼	10/05/24 12:52	10/05/24 17:19	1
Chlorobenzene	ND		6.5	1.2	ug/Kg	☼	10/05/24 12:52	10/05/24 17:19	1
Chloroethane	ND		6.5	3.6	ug/Kg	☼	10/05/24 12:52	10/05/24 17:19	1
Chloroform	ND		6.5	1.0	ug/Kg	☼	10/05/24 12:52	10/05/24 17:19	1
Chloromethane	ND		6.5	3.0	ug/Kg	☼	10/05/24 12:52	10/05/24 17:19	1
cis-1,2-Dichloroethene	ND		6.5	1.9	ug/Kg	☼	10/05/24 12:52	10/05/24 17:19	1
cis-1,3-Dichloropropene	ND		6.5	3.8	ug/Kg	☼	10/05/24 12:52	10/05/24 17:19	1
Cyclohexane	ND		13	1.8	ug/Kg	☼	10/05/24 12:52	10/05/24 17:19	1
Chlorodibromomethane	ND		6.5	3.6	ug/Kg	☼	10/05/24 12:52	10/05/24 17:19	1
Dichlorodifluoromethane	ND		6.5	2.9	ug/Kg	☼	10/05/24 12:52	10/05/24 17:19	1
Ethylbenzene	ND		6.5	1.4	ug/Kg	☼	10/05/24 12:52	10/05/24 17:19	1
Isopropylbenzene	ND		6.5	2.5	ug/Kg	☼	10/05/24 12:52	10/05/24 17:19	1
Methyl acetate	ND		33	4.4	ug/Kg	☼	10/05/24 12:52	10/05/24 17:19	1
Methyl tert-butyl ether	ND		6.5	2.6	ug/Kg	☼	10/05/24 12:52	10/05/24 17:19	1
Methylcyclohexane	ND		13	1.6	ug/Kg	☼	10/05/24 12:52	10/05/24 17:19	1
Methylene Chloride	ND		33	16	ug/Kg	☼	10/05/24 12:52	10/05/24 17:19	1
Styrene	ND		6.5	1.5	ug/Kg	☼	10/05/24 12:52	10/05/24 17:19	1
Tetrachloroethene	ND		6.5	5.1	ug/Kg	☼	10/05/24 12:52	10/05/24 17:19	1
Toluene	ND		6.5	1.0	ug/Kg	☼	10/05/24 12:52	10/05/24 17:19	1
trans-1,2-Dichloroethene	ND		6.5	1.9	ug/Kg	☼	10/05/24 12:52	10/05/24 17:19	1
trans-1,3-Dichloropropene	ND		6.5	4.8	ug/Kg	☼	10/05/24 12:52	10/05/24 17:19	1
Trichloroethene	ND		6.5	1.9	ug/Kg	☼	10/05/24 12:52	10/05/24 17:19	1
Trichlorofluoromethane	ND		6.5	3.5	ug/Kg	☼	10/05/24 12:52	10/05/24 17:19	1
Vinyl chloride	ND		6.5	2.3	ug/Kg	☼	10/05/24 12:52	10/05/24 17:19	1
Xylenes, Total	ND		13	2.1	ug/Kg	☼	10/05/24 12:52	10/05/24 17:19	1

Client: August Mack Environmental, Inc.
Project/Site: MSC Canfield - Soil

Job ID: 240-212437-1

Client Sample ID: T1000-W-0.0
Date Collected: 10/03/24 14:14
Date Received: 10/04/24 16:30

Lab Sample ID: 240-212437-4
Matrix: Solid
Percent Solids: 74.2

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Toluene-d8 (Surr)	*102*		*56 - 125*	*10/05/24 12:52*	*10/05/24 17:19*	*1*
Dibromofluoromethane (Surr)	*95*		*41 - 138*	*10/05/24 12:52*	*10/05/24 17:19*	*1*
4-Bromofluorobenzene (Surr)	*95*		*41 - 143*	*10/05/24 12:52*	*10/05/24 17:19*	*1*
1,2-Dichloroethane-d4 (Surr)	*101*		*58 - 125*	*10/05/24 12:52*	*10/05/24 17:19*	*1*

Method: SW846 8270E - Semivolatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1'-Biphenyl	ND		140	38	ug/Kg	☼	10/07/24 09:29	10/08/24 13:08	1
bis (2-chloroisopropyl) ether	ND		140	35	ug/Kg	☼	10/07/24 09:29	10/08/24 13:08	1
2,4,5-Trichlorophenol	ND		200	45	ug/Kg	☼	10/07/24 09:29	10/08/24 13:08	1
2,4,6-Trichlorophenol	ND		200	39	ug/Kg	☼	10/07/24 09:29	10/08/24 13:08	1
2,4-Dichlorophenol	ND		200	36	ug/Kg	☼	10/07/24 09:29	10/08/24 13:08	1
2,4-Dimethylphenol	ND		200	49	ug/Kg	☼	10/07/24 09:29	10/08/24 13:08	1
2,4-Dinitrophenol	ND		450	230	ug/Kg	☼	10/07/24 09:29	10/08/24 13:08	1
2,4-Dinitrotoluene	ND		270	31	ug/Kg	☼	10/07/24 09:29	10/08/24 13:08	1
2,6-Dinitrotoluene	ND		270	49	ug/Kg	☼	10/07/24 09:29	10/08/24 13:08	1
2-Chloronaphthalene	ND		140	38	ug/Kg	☼	10/07/24 09:29	10/08/24 13:08	1
2-Chlorophenol	ND		140	35	ug/Kg	☼	10/07/24 09:29	10/08/24 13:08	1
2-Methylnaphthalene	**72**		54	18	ug/Kg	☼	10/07/24 09:29	10/08/24 13:08	1
2-Methylphenol	ND		270	55	ug/Kg	☼	10/07/24 09:29	10/08/24 13:08	1
2-Nitroaniline	ND		270	51	ug/Kg	☼	10/07/24 09:29	10/08/24 13:08	1
2-Nitrophenol	ND		140	47	ug/Kg	☼	10/07/24 09:29	10/08/24 13:08	1
3,3'-Dichlorobenzidine	ND		200	130	ug/Kg	☼	10/07/24 09:29	10/08/24 13:08	1
3-Nitroaniline	ND		270	47	ug/Kg	☼	10/07/24 09:29	10/08/24 13:08	1
4,6-Dinitro-2-methylphenol	ND		450	140	ug/Kg	☼	10/07/24 09:29	10/08/24 13:08	1
4-Bromophenyl phenyl ether	ND		140	43	ug/Kg	☼	10/07/24 09:29	10/08/24 13:08	1
4-Chloro-3-methylphenol	ND		200	51	ug/Kg	☼	10/07/24 09:29	10/08/24 13:08	1
4-Chloroaniline	ND		200	22	ug/Kg	☼	10/07/24 09:29	10/08/24 13:08	1
4-Chlorophenyl phenyl ether	ND		140	38	ug/Kg	☼	10/07/24 09:29	10/08/24 13:08	1
4-Nitroaniline	ND		270	35	ug/Kg	☼	10/07/24 09:29	10/08/24 13:08	1
4-Nitrophenol	ND		450	120	ug/Kg	☼	10/07/24 09:29	10/08/24 13:08	1
Acenaphthene	ND		54	19	ug/Kg	☼	10/07/24 09:29	10/08/24 13:08	1
Acenaphthylene	ND		54	20	ug/Kg	☼	10/07/24 09:29	10/08/24 13:08	1
Acetophenone	ND		140	34	ug/Kg	☼	10/07/24 09:29	10/08/24 13:08	1
Anthracene	**18**	**J**	54	16	ug/Kg	☼	10/07/24 09:29	10/08/24 13:08	1
Atrazine	ND		450	93	ug/Kg	☼	10/07/24 09:29	10/08/24 13:08	1
Benzaldehyde	ND		450	76	ug/Kg	☼	10/07/24 09:29	10/08/24 13:08	1
Benzo[a]anthracene	**110**		54	20	ug/Kg	☼	10/07/24 09:29	10/08/24 13:08	1
Benzo[a]pyrene	**140**		54	19	ug/Kg	☼	10/07/24 09:29	10/08/24 13:08	1
Benzo[b]fluoranthene	**220**		54	16	ug/Kg	☼	10/07/24 09:29	10/08/24 13:08	1
Benzo[g,h,i]perylene	**140**		54	36	ug/Kg	☼	10/07/24 09:29	10/08/24 13:08	1
Benzo[k]fluoranthene	**110**		54	14	ug/Kg	☼	10/07/24 09:29	10/08/24 13:08	1
Bis(2-chloroethoxy)methane	ND		140	27	ug/Kg	☼	10/07/24 09:29	10/08/24 13:08	1
Bis(2-chloroethyl)ether	ND		140	30	ug/Kg	☼	10/07/24 09:29	10/08/24 13:08	1
Bis(2-ethylhexyl) phthalate	ND		200	76	ug/Kg	☼	10/07/24 09:29	10/08/24 13:08	1
Butyl benzyl phthalate	ND		200	69	ug/Kg	☼	10/07/24 09:29	10/08/24 13:08	1
Caprolactam	ND		450	93	ug/Kg	☼	10/07/24 09:29	10/08/24 13:08	1
Carbazole	ND		140	36	ug/Kg	☼	10/07/24 09:29	10/08/24 13:08	1
Chrysene	**170**		54	19	ug/Kg	☼	10/07/24 09:29	10/08/24 13:08	1
Dibenz(a,h)anthracene	ND		54	20	ug/Kg	☼	10/07/24 09:29	10/08/24 13:08	1

Client Sample ID: T1000-W-0.0
Date Collected: 10/03/24 14:14
Date Received: 10/04/24 16:30

Lab Sample ID: 240-212437-4
Matrix: Solid
Percent Solids: 74.2

Method: SW846 8270E - Semivolatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Dibenzofuran	ND		140	39	ug/Kg	☼	10/07/24 09:29	10/08/24 13:08	1
Diethyl phthalate	ND		200	58	ug/Kg	☼	10/07/24 09:29	10/08/24 13:08	1
Dimethyl phthalate	ND		200	54	ug/Kg	☼	10/07/24 09:29	10/08/24 13:08	1
Di-n-butyl phthalate	ND		200	69	ug/Kg	☼	10/07/24 09:29	10/08/24 13:08	1
Di-n-octyl phthalate	ND		200	68	ug/Kg	☼	10/07/24 09:29	10/08/24 13:08	1
Fluoranthene	**250**		54	19	ug/Kg	☼	10/07/24 09:29	10/08/24 13:08	1
Fluorene	ND		54	19	ug/Kg	☼	10/07/24 09:29	10/08/24 13:08	1
Hexachlorobenzene	ND		54	19	ug/Kg	☼	10/07/24 09:29	10/08/24 13:08	1
Hexachlorobutadiene	ND		140	28	ug/Kg	☼	10/07/24 09:29	10/08/24 13:08	1
Hexachlorocyclopentadiene	ND		450	53	ug/Kg	☼	10/07/24 09:29	10/08/24 13:08	1
Hexachloroethane	ND		140	43	ug/Kg	☼	10/07/24 09:29	10/08/24 13:08	1
Indeno[1,2,3-cd]pyrene	**110**		54	16	ug/Kg	☼	10/07/24 09:29	10/08/24 13:08	1
Isophorone	ND		140	35	ug/Kg	☼	10/07/24 09:29	10/08/24 13:08	1
N-Nitrosodi-n-propylamine	ND		140	50	ug/Kg	☼	10/07/24 09:29	10/08/24 13:08	1
N-Nitrosodiphenylamine	ND		140	36	ug/Kg	☼	10/07/24 09:29	10/08/24 13:08	1
Naphthalene	**51**	**J**	54	18	ug/Kg	☼	10/07/24 09:29	10/08/24 13:08	1
Nitrobenzene	ND		140	30	ug/Kg	☼	10/07/24 09:29	10/08/24 13:08	1
Pentachlorophenol	ND		360	140	ug/Kg	☼	10/07/24 09:29	10/08/24 13:08	1
Phenanthrene	**120**		54	18	ug/Kg	☼	10/07/24 09:29	10/08/24 13:08	1
Phenol	ND		140	51	ug/Kg	☼	10/07/24 09:29	10/08/24 13:08	1
Pyrene	**200**		54	22	ug/Kg	☼	10/07/24 09:29	10/08/24 13:08	1
3 & 4 Methylphenol	ND		540	55	ug/Kg	☼	10/07/24 09:29	10/08/24 13:08	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Terphenyl-d14 (Surr)	*71*		*37 - 120*	*10/07/24 09:29*	*10/08/24 13:08*	*1*
Phenol-d5 (Surr)	*73*		*29 - 120*	*10/07/24 09:29*	*10/08/24 13:08*	*1*
Nitrobenzene-d5 (Surr)	*67*		*28 - 120*	*10/07/24 09:29*	*10/08/24 13:08*	*1*
2-Fluorophenol (Surr)	*70*		*26 - 120*	*10/07/24 09:29*	*10/08/24 13:08*	*1*
2-Fluorobiphenyl (Surr)	*74*		*36 - 120*	*10/07/24 09:29*	*10/08/24 13:08*	*1*
2,4,6-Tribromophenol (Surr)	*84*		*10 - 120*	*10/07/24 09:29*	*10/08/24 13:08*	*1*

Method: SW846 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aroclor-1016	ND		68	34	ug/Kg	☼	10/07/24 09:33	10/07/24 19:29	1
Aroclor-1221	ND		68	41	ug/Kg	☼	10/07/24 09:33	10/07/24 19:29	1
Aroclor-1232	ND		68	29	ug/Kg	☼	10/07/24 09:33	10/07/24 19:29	1
Aroclor-1242	ND		68	26	ug/Kg	☼	10/07/24 09:33	10/07/24 19:29	1
Aroclor-1248	ND		68	23	ug/Kg	☼	10/07/24 09:33	10/07/24 19:29	1
Aroclor-1254	ND		68	29	ug/Kg	☼	10/07/24 09:33	10/07/24 19:29	1
Aroclor-1260	ND		68	29	ug/Kg	☼	10/07/24 09:33	10/07/24 19:29	1
Aroclor-1262	ND		68	30	ug/Kg	☼	10/07/24 09:33	10/07/24 19:29	1
Aroclor-1268	ND		68	22	ug/Kg	☼	10/07/24 09:33	10/07/24 19:29	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Tetrachloro-m-xylene	*74*		*10 - 149*	*10/07/24 09:33*	*10/07/24 19:29*	*1*
DCB Decachlorobiphenyl	*82*		*10 - 174*	*10/07/24 09:33*	*10/07/24 19:29*	*1*

Method: SW846 6010D - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	**9.3**		1.5	0.32	mg/Kg	☼	10/07/24 15:00	10/08/24 14:33	1

Client: August Mack Environmental, Inc.
Project/Site: MSC Canfield - Soil

Job ID: 240-212437-1

Client Sample ID: T1000-W-0.0
Date Collected: 10/03/24 14:14
Date Received: 10/04/24 16:30

Lab Sample ID: 240-212437-4
Matrix: Solid
Percent Solids: 74.2

Method: SW846 6010D - Metals (ICP) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Barium	51		20	0.13	mg/Kg	☼	10/07/24 15:00	10/08/24 14:33	1
Cadmium	0.31	J	0.51	0.049	mg/Kg	☼	10/07/24 15:00	10/08/24 14:33	1
Chromium	11		1.0	0.35	mg/Kg	☼	10/07/24 15:00	10/08/24 14:33	1
Copper	15		2.6	0.72	mg/Kg	☼	10/07/24 15:00	10/08/24 14:33	1
Lead	18		1.0	0.29	mg/Kg	☼	10/07/24 15:00	10/08/24 14:33	1
Selenium	ND		2.0	0.48	mg/Kg	☼	10/07/24 15:00	10/08/24 14:33	1
Silver	ND		1.0	0.083	mg/Kg	☼	10/07/24 15:00	10/08/24 14:33	1
Zinc	280		5.1	3.7	mg/Kg	☼	10/07/24 15:00	10/08/24 14:33	1

Method: SW846 7471B - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.032	J	0.13	0.024	mg/Kg	☼	10/07/24 15:00	10/08/24 11:39	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cyanide, Total (SW846 9012B)	370		37	29	mg/Kg	☼	10/07/24 11:09	10/07/24 19:43	50

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Solids (EPA Moisture)	74.2		0.1	0.1	%			10/07/24 10:13	1
Percent Moisture (EPA Moisture)	25.8		0.1	0.1	%			10/07/24 10:13	1

Client: August Mack Environmental, Inc.
Project/Site: MSC Canfield - Soil

Job ID: 240-212437-1

Client Sample ID: T1000-E-0.0
Date Collected: 10/03/24 14:07
Date Received: 10/04/24 16:30

Lab Sample ID: 240-212437-5
Matrix: Solid
Percent Solids: 64.3

Method: SW846 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		7.7	2.7	ug/Kg	☼	10/05/24 12:52	10/05/24 17:38	1
1,1,2,2-Tetrachloroethane	ND		7.7	2.2	ug/Kg	☼	10/05/24 12:52	10/05/24 17:38	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		7.7	2.0	ug/Kg	☼	10/05/24 12:52	10/05/24 17:38	1
1,1,2-Trichloroethane	ND		7.7	1.7	ug/Kg	☼	10/05/24 12:52	10/05/24 17:38	1
1,1-Dichloroethane	ND		7.7	2.2	ug/Kg	☼	10/05/24 12:52	10/05/24 17:38	1
1,1-Dichloroethene	ND		7.7	2.8	ug/Kg	☼	10/05/24 12:52	10/05/24 17:38	1
1,2,4-Trichlorobenzene	ND		7.7	3.9	ug/Kg	☼	10/05/24 12:52	10/05/24 17:38	1
1,2-Dibromo-3-Chloropropane	ND		15	5.6	ug/Kg	☼	10/05/24 12:52	10/05/24 17:38	1
Ethylene Dibromide	ND		7.7	1.2	ug/Kg	☼	10/05/24 12:52	10/05/24 17:38	1
1,2-Dichlorobenzene	ND		7.7	1.7	ug/Kg	☼	10/05/24 12:52	10/05/24 17:38	1
1,2-Dichloroethane	ND		7.7	2.8	ug/Kg	☼	10/05/24 12:52	10/05/24 17:38	1
1,2-Dichloropropane	ND		7.7	1.3	ug/Kg	☼	10/05/24 12:52	10/05/24 17:38	1
1,3-Dichlorobenzene	ND		7.7	2.5	ug/Kg	☼	10/05/24 12:52	10/05/24 17:38	1
1,4-Dichlorobenzene	ND		7.7	1.4	ug/Kg	☼	10/05/24 12:52	10/05/24 17:38	1
2-Butanone (MEK)	ND		31	5.5	ug/Kg	☼	10/05/24 12:52	10/05/24 17:38	1
2-Hexanone	ND		31	6.3	ug/Kg	☼	10/05/24 12:52	10/05/24 17:38	1
4-Methyl-2-pentanone (MIBK)	ND		31	5.7	ug/Kg	☼	10/05/24 12:52	10/05/24 17:38	1
Acetone	ND		39	32	ug/Kg	☼	10/05/24 12:52	10/05/24 17:38	1
Benzene	ND		7.7	1.1	ug/Kg	☼	10/05/24 12:52	10/05/24 17:38	1
Dichlorobromomethane	ND		7.7	2.3	ug/Kg	☼	10/05/24 12:52	10/05/24 17:38	1
Bromoform	ND		7.7	3.7	ug/Kg	☼	10/05/24 12:52	10/05/24 17:38	1
Bromomethane	ND		7.7	6.4	ug/Kg	☼	10/05/24 12:52	10/05/24 17:38	1
Carbon disulfide	ND		7.7	1.8	ug/Kg	☼	10/05/24 12:52	10/05/24 17:38	1
Carbon tetrachloride	ND		7.7	5.0	ug/Kg	☼	10/05/24 12:52	10/05/24 17:38	1
Chlorobenzene	ND		7.7	1.4	ug/Kg	☼	10/05/24 12:52	10/05/24 17:38	1
Chloroethane	ND		7.7	4.2	ug/Kg	☼	10/05/24 12:52	10/05/24 17:38	1
Chloroform	ND		7.7	1.2	ug/Kg	☼	10/05/24 12:52	10/05/24 17:38	1
Chloromethane	ND		7.7	3.5	ug/Kg	☼	10/05/24 12:52	10/05/24 17:38	1
cis-1,2-Dichloroethene	ND		7.7	2.3	ug/Kg	☼	10/05/24 12:52	10/05/24 17:38	1
cis-1,3-Dichloropropene	ND		7.7	4.4	ug/Kg	☼	10/05/24 12:52	10/05/24 17:38	1
Cyclohexane	ND		15	2.1	ug/Kg	☼	10/05/24 12:52	10/05/24 17:38	1
Chlorodibromomethane	ND		7.7	4.3	ug/Kg	☼	10/05/24 12:52	10/05/24 17:38	1
Dichlorodifluoromethane	ND		7.7	3.5	ug/Kg	☼	10/05/24 12:52	10/05/24 17:38	1
Ethylbenzene	ND		7.7	1.6	ug/Kg	☼	10/05/24 12:52	10/05/24 17:38	1
Isopropylbenzene	ND		7.7	3.0	ug/Kg	☼	10/05/24 12:52	10/05/24 17:38	1
Methyl acetate	ND		39	5.2	ug/Kg	☼	10/05/24 12:52	10/05/24 17:38	1
Methyl tert-butyl ether	ND		7.7	3.1	ug/Kg	☼	10/05/24 12:52	10/05/24 17:38	1
Methylcyclohexane	ND		15	1.9	ug/Kg	☼	10/05/24 12:52	10/05/24 17:38	1
Methylene Chloride	ND		39	19	ug/Kg	☼	10/05/24 12:52	10/05/24 17:38	1
Styrene	ND		7.7	1.8	ug/Kg	☼	10/05/24 12:52	10/05/24 17:38	1
Tetrachloroethene	ND		7.7	6.0	ug/Kg	☼	10/05/24 12:52	10/05/24 17:38	1
Toluene	ND		7.7	1.2	ug/Kg	☼	10/05/24 12:52	10/05/24 17:38	1
trans-1,2-Dichloroethene	ND		7.7	2.2	ug/Kg	☼	10/05/24 12:52	10/05/24 17:38	1
trans-1,3-Dichloropropene	ND		7.7	5.7	ug/Kg	☼	10/05/24 12:52	10/05/24 17:38	1
Trichloroethene	ND		7.7	2.2	ug/Kg	☼	10/05/24 12:52	10/05/24 17:38	1
Trichlorofluoromethane	ND		7.7	4.1	ug/Kg	☼	10/05/24 12:52	10/05/24 17:38	1
Vinyl chloride	ND		7.7	2.7	ug/Kg	☼	10/05/24 12:52	10/05/24 17:38	1
Xylenes, Total	ND		15	2.4	ug/Kg	☼	10/05/24 12:52	10/05/24 17:38	1

Client Sample ID: T1000-E-0.0
Date Collected: 10/03/24 14:07
Date Received: 10/04/24 16:30

Lab Sample ID: 240-212437-5
Matrix: Solid
Percent Solids: 64.3

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
Toluene-d8 (Surr)	*101*		*56 - 125*	*10/05/24 12:52*	*10/05/24 17:38*	*1*
Dibromofluoromethane (Surr)	*89*		*41 - 138*	*10/05/24 12:52*	*10/05/24 17:38*	*1*
4-Bromofluorobenzene (Surr)	*88*		*41 - 143*	*10/05/24 12:52*	*10/05/24 17:38*	*1*
1,2-Dichloroethane-d4 (Surr)	*99*		*58 - 125*	*10/05/24 12:52*	*10/05/24 17:38*	*1*

Method: SW846 8270E - Semivolatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1'-Biphenyl	**93**	**J**	150	43	ug/Kg	☼	10/07/24 09:29	10/08/24 19:39	1
bis (2-chloroisopropyl) ether	ND		150	40	ug/Kg	☼	10/07/24 09:29	10/08/24 19:39	1
2,4,5-Trichlorophenol	ND		230	51	ug/Kg	☼	10/07/24 09:29	10/08/24 19:39	1
2,4,6-Trichlorophenol	ND		230	45	ug/Kg	☼	10/07/24 09:29	10/08/24 19:39	1
2,4-Dichlorophenol	ND		230	41	ug/Kg	☼	10/07/24 09:29	10/08/24 19:39	1
2,4-Dimethylphenol	ND		230	55	ug/Kg	☼	10/07/24 09:29	10/08/24 19:39	1
2,4-Dinitrophenol	ND		510	260	ug/Kg	☼	10/07/24 09:29	10/08/24 19:39	1
2,4-Dinitrotoluene	ND		310	35	ug/Kg	☼	10/07/24 09:29	10/08/24 19:39	1
2,6-Dinitrotoluene	ND		310	55	ug/Kg	☼	10/07/24 09:29	10/08/24 19:39	1
2-Chloronaphthalene	ND		150	43	ug/Kg	☼	10/07/24 09:29	10/08/24 19:39	1
2-Chlorophenol	ND		150	40	ug/Kg	☼	10/07/24 09:29	10/08/24 19:39	1
2-Methylnaphthalene	**1000**		61	20	ug/Kg	☼	10/07/24 09:29	10/08/24 19:39	1
2-Methylphenol	ND		310	63	ug/Kg	☼	10/07/24 09:29	10/08/24 19:39	1
2-Nitroaniline	ND		310	58	ug/Kg	☼	10/07/24 09:29	10/08/24 19:39	1
2-Nitrophenol	ND		150	54	ug/Kg	☼	10/07/24 09:29	10/08/24 19:39	1
3,3'-Dichlorobenzidine	ND		230	150	ug/Kg	☼	10/07/24 09:29	10/08/24 19:39	1
3-Nitroaniline	ND		310	54	ug/Kg	☼	10/07/24 09:29	10/08/24 19:39	1
4,6-Dinitro-2-methylphenol	ND		510	160	ug/Kg	☼	10/07/24 09:29	10/08/24 19:39	1
4-Bromophenyl phenyl ether	ND		150	49	ug/Kg	☼	10/07/24 09:29	10/08/24 19:39	1
4-Chloro-3-methylphenol	ND		230	58	ug/Kg	☼	10/07/24 09:29	10/08/24 19:39	1
4-Chloroaniline	ND		230	25	ug/Kg	☼	10/07/24 09:29	10/08/24 19:39	1
4-Chlorophenyl phenyl ether	ND		150	43	ug/Kg	☼	10/07/24 09:29	10/08/24 19:39	1
4-Nitroaniline	ND		310	40	ug/Kg	☼	10/07/24 09:29	10/08/24 19:39	1
4-Nitrophenol	ND		510	140	ug/Kg	☼	10/07/24 09:29	10/08/24 19:39	1
Acenaphthene	**34**	**J**	61	22	ug/Kg	☼	10/07/24 09:29	10/08/24 19:39	1
Acenaphthylene	**270**		61	23	ug/Kg	☼	10/07/24 09:29	10/08/24 19:39	1
Acetophenone	ND		150	38	ug/Kg	☼	10/07/24 09:29	10/08/24 19:39	1
Anthracene	**170**		61	18	ug/Kg	☼	10/07/24 09:29	10/08/24 19:39	1
Atrazine	ND		510	110	ug/Kg	☼	10/07/24 09:29	10/08/24 19:39	1
Benzaldehyde	**180**	**J**	510	86	ug/Kg	☼	10/07/24 09:29	10/08/24 19:39	1
Benzo[a]anthracene	**620**		61	23	ug/Kg	☼	10/07/24 09:29	10/08/24 19:39	1
Benzo[a]pyrene	**680**		61	22	ug/Kg	☼	10/07/24 09:29	10/08/24 19:39	1
Benzo[b]fluoranthene	**1300**		61	18	ug/Kg	☼	10/07/24 09:29	10/08/24 19:39	1
Benzo[g,h,i]perylene	**440**		61	41	ug/Kg	☼	10/07/24 09:29	10/08/24 19:39	1
Benzo[k]fluoranthene	**470**		61	15	ug/Kg	☼	10/07/24 09:29	10/08/24 19:39	1
Bis(2-chloroethoxy)methane	ND		150	31	ug/Kg	☼	10/07/24 09:29	10/08/24 19:39	1
Bis(2-chloroethyl)ether	ND		150	34	ug/Kg	☼	10/07/24 09:29	10/08/24 19:39	1
Bis(2-ethylhexyl) phthalate	ND		230	86	ug/Kg	☼	10/07/24 09:29	10/08/24 19:39	1
Butyl benzyl phthalate	ND		230	78	ug/Kg	☼	10/07/24 09:29	10/08/24 19:39	1
Caprolactam	ND		510	110	ug/Kg	☼	10/07/24 09:29	10/08/24 19:39	1
Carbazole	**100**	**J**	150	41	ug/Kg	☼	10/07/24 09:29	10/08/24 19:39	1
Chrysene	**770**		61	22	ug/Kg	☼	10/07/24 09:29	10/08/24 19:39	1
Dibenz(a,h)anthracene	**140**		61	23	ug/Kg	☼	10/07/24 09:29	10/08/24 19:39	1

Client Sample ID: T1000-E-0.0
Date Collected: 10/03/24 14:07
Date Received: 10/04/24 16:30

Lab Sample ID: 240-212437-5
Matrix: Solid
Percent Solids: 64.3

Method: SW846 8270E - Semivolatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Dibenzofuran	**220**		150	45	ug/Kg	☼	10/07/24 09:29	10/08/24 19:39	1
Diethyl phthalate	ND		230	66	ug/Kg	☼	10/07/24 09:29	10/08/24 19:39	1
Dimethyl phthalate	ND		230	61	ug/Kg	☼	10/07/24 09:29	10/08/24 19:39	1
Di-n-butyl phthalate	ND		230	78	ug/Kg	☼	10/07/24 09:29	10/08/24 19:39	1
Di-n-octyl phthalate	ND		230	77	ug/Kg	☼	10/07/24 09:29	10/08/24 19:39	1
Fluoranthene	**1200**		61	22	ug/Kg	☼	10/07/24 09:29	10/08/24 19:39	1
Fluorene	ND		61	22	ug/Kg	☼	10/07/24 09:29	10/08/24 19:39	1
Hexachlorobenzene	ND		61	22	ug/Kg	☼	10/07/24 09:29	10/08/24 19:39	1
Hexachlorobutadiene	ND		150	32	ug/Kg	☼	10/07/24 09:29	10/08/24 19:39	1
Hexachlorocyclopentadiene	ND		510	60	ug/Kg	☼	10/07/24 09:29	10/08/24 19:39	1
Hexachloroethane	ND		150	49	ug/Kg	☼	10/07/24 09:29	10/08/24 19:39	1
Indeno[1,2,3-cd]pyrene	**380**		61	18	ug/Kg	☼	10/07/24 09:29	10/08/24 19:39	1
Isophorone	ND		150	40	ug/Kg	☼	10/07/24 09:29	10/08/24 19:39	1
N-Nitrosodi-n-propylamine	ND		150	57	ug/Kg	☼	10/07/24 09:29	10/08/24 19:39	1
N-Nitrosodiphenylamine	ND		150	41	ug/Kg	☼	10/07/24 09:29	10/08/24 19:39	1
Naphthalene	**750**		61	20	ug/Kg	☼	10/07/24 09:29	10/08/24 19:39	1
Nitrobenzene	ND		150	34	ug/Kg	☼	10/07/24 09:29	10/08/24 19:39	1
Pentachlorophenol	ND		410	160	ug/Kg	☼	10/07/24 09:29	10/08/24 19:39	1
Phenanthrene	**650**		61	20	ug/Kg	☼	10/07/24 09:29	10/08/24 19:39	1
Phenol	ND		150	58	ug/Kg	☼	10/07/24 09:29	10/08/24 19:39	1
Pyrene	**970**		61	25	ug/Kg	☼	10/07/24 09:29	10/08/24 19:39	1
3 & 4 Methylphenol	ND		610	63	ug/Kg	☼	10/07/24 09:29	10/08/24 19:39	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Terphenyl-d14 (Surr)	*66*		*37 - 120*	*10/07/24 09:29*	*10/08/24 19:39*	*1*
Phenol-d5 (Surr)	*73*		*29 - 120*	*10/07/24 09:29*	*10/08/24 19:39*	*1*
Nitrobenzene-d5 (Surr)	*66*		*28 - 120*	*10/07/24 09:29*	*10/08/24 19:39*	*1*
2-Fluorophenol (Surr)	*70*		*26 - 120*	*10/07/24 09:29*	*10/08/24 19:39*	*1*
2-Fluorobiphenyl (Surr)	*72*		*36 - 120*	*10/07/24 09:29*	*10/08/24 19:39*	*1*
2,4,6-Tribromophenol (Surr)	*80*		*10 - 120*	*10/07/24 09:29*	*10/08/24 19:39*	*1*

Method: SW846 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aroclor-1016	ND		80	40	ug/Kg	☼	10/07/24 09:33	10/07/24 19:45	1
Aroclor-1221	ND		80	48	ug/Kg	☼	10/07/24 09:33	10/07/24 19:45	1
Aroclor-1232	ND		80	33	ug/Kg	☼	10/07/24 09:33	10/07/24 19:45	1
Aroclor-1242	ND		80	30	ug/Kg	☼	10/07/24 09:33	10/07/24 19:45	1
Aroclor-1248	ND		80	27	ug/Kg	☼	10/07/24 09:33	10/07/24 19:45	1
Aroclor-1254	ND		80	33	ug/Kg	☼	10/07/24 09:33	10/07/24 19:45	1
Aroclor-1260	ND		80	33	ug/Kg	☼	10/07/24 09:33	10/07/24 19:45	1
Aroclor-1262	ND		80	35	ug/Kg	☼	10/07/24 09:33	10/07/24 19:45	1
Aroclor-1268	ND		80	26	ug/Kg	☼	10/07/24 09:33	10/07/24 19:45	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Tetrachloro-m-xylene	*68*		*10 - 149*	*10/07/24 09:33*	*10/07/24 19:45*	*1*
DCB Decachlorobiphenyl	*77*		*10 - 174*	*10/07/24 09:33*	*10/07/24 19:45*	*1*

Method: SW846 6010D - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	**9.7**		4.3	0.91	mg/Kg	☼	10/07/24 15:00	10/08/24 15:55	2

Client: August Mack Environmental, Inc.
Project/Site: MSC Canfield - Soil

Job ID: 240-212437-1

Client Sample ID: T1000-E-0.0
Date Collected: 10/03/24 14:07
Date Received: 10/04/24 16:30

Lab Sample ID: 240-212437-5
Matrix: Solid
Percent Solids: 64.3

Method: SW846 6010D - Metals (ICP) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Barium	150		29	0.18	mg/Kg	☼	10/07/24 15:00	10/08/24 14:38	1
Cadmium	1.0		0.72	0.069	mg/Kg	☼	10/07/24 15:00	10/08/24 14:38	1
Chromium	12		1.4	0.49	mg/Kg	☼	10/07/24 15:00	10/08/24 14:38	1
Copper	27		3.6	1.0	mg/Kg	☼	10/07/24 15:00	10/08/24 14:38	1
Lead	30		1.4	0.41	mg/Kg	☼	10/07/24 15:00	10/08/24 14:38	1
Selenium	1.5	J	5.8	1.4	mg/Kg	☼	10/07/24 15:00	10/08/24 15:55	2
Silver	0.38	J	1.4	0.12	mg/Kg	☼	10/07/24 15:00	10/08/24 14:38	1
Zinc	140		7.2	5.2	mg/Kg	☼	10/07/24 15:00	10/08/24 14:38	1

Method: SW846 7471B - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.085	J	0.18	0.033	mg/Kg	☼	10/07/24 15:00	10/08/24 11:41	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cyanide, Total (SW846 9012B)	29		4.2	3.4	mg/Kg	☼	10/07/24 11:09	10/07/24 18:46	5

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Solids (EPA Moisture)	64.3		0.1	0.1	%			10/07/24 10:13	1
Percent Moisture (EPA Moisture)	35.7		0.1	0.1	%			10/07/24 10:13	1

Client: August Mack Environmental, Inc.
Project/Site: MSC Canfield - Soil

Job ID: 240-212437-1

Client Sample ID: T1000-C-0.0
Date Collected: 10/03/24 14:24
Date Received: 10/04/24 16:30

Lab Sample ID: 240-212437-6
Matrix: Solid
Percent Solids: 78.4

Method: SW846 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		6.2	2.2	ug/Kg	☼	10/05/24 12:52	10/05/24 17:58	1
1,1,2,2-Tetrachloroethane	ND		6.2	1.8	ug/Kg	☼	10/05/24 12:52	10/05/24 17:58	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		6.2	1.6	ug/Kg	☼	10/05/24 12:52	10/05/24 17:58	1
1,1,2-Trichloroethane	ND		6.2	1.4	ug/Kg	☼	10/05/24 12:52	10/05/24 17:58	1
1,1-Dichloroethane	ND		6.2	1.8	ug/Kg	☼	10/05/24 12:52	10/05/24 17:58	1
1,1-Dichloroethene	ND		6.2	2.3	ug/Kg	☼	10/05/24 12:52	10/05/24 17:58	1
1,2,4-Trichlorobenzene	ND		6.2	3.1	ug/Kg	☼	10/05/24 12:52	10/05/24 17:58	1
1,2-Dibromo-3-Chloropropane	ND		12	4.5	ug/Kg	☼	10/05/24 12:52	10/05/24 17:58	1
Ethylene Dibromide	ND		6.2	0.96	ug/Kg	☼	10/05/24 12:52	10/05/24 17:58	1
1,2-Dichlorobenzene	ND		6.2	1.4	ug/Kg	☼	10/05/24 12:52	10/05/24 17:58	1
1,2-Dichloroethane	ND		6.2	2.2	ug/Kg	☼	10/05/24 12:52	10/05/24 17:58	1
1,2-Dichloropropane	ND		6.2	1.1	ug/Kg	☼	10/05/24 12:52	10/05/24 17:58	1
1,3-Dichlorobenzene	ND		6.2	2.1	ug/Kg	☼	10/05/24 12:52	10/05/24 17:58	1
1,4-Dichlorobenzene	ND		6.2	1.1	ug/Kg	☼	10/05/24 12:52	10/05/24 17:58	1
2-Butanone (MEK)	ND		25	4.4	ug/Kg	☼	10/05/24 12:52	10/05/24 17:58	1
2-Hexanone	ND		25	5.1	ug/Kg	☼	10/05/24 12:52	10/05/24 17:58	1
4-Methyl-2-pentanone (MIBK)	ND		25	4.6	ug/Kg	☼	10/05/24 12:52	10/05/24 17:58	1
Acetone	ND		31	26	ug/Kg	☼	10/05/24 12:52	10/05/24 17:58	1
Benzene	ND		6.2	0.87	ug/Kg	☼	10/05/24 12:52	10/05/24 17:58	1
Dichlorobromomethane	ND		6.2	1.9	ug/Kg	☼	10/05/24 12:52	10/05/24 17:58	1
Bromoform	ND		6.2	3.0	ug/Kg	☼	10/05/24 12:52	10/05/24 17:58	1
Bromomethane	ND		6.2	5.2	ug/Kg	☼	10/05/24 12:52	10/05/24 17:58	1
Carbon disulfide	ND		6.2	1.4	ug/Kg	☼	10/05/24 12:52	10/05/24 17:58	1
Carbon tetrachloride	ND		6.2	4.0	ug/Kg	☼	10/05/24 12:52	10/05/24 17:58	1
Chlorobenzene	ND		6.2	1.1	ug/Kg	☼	10/05/24 12:52	10/05/24 17:58	1
Chloroethane	ND		6.2	3.4	ug/Kg	☼	10/05/24 12:52	10/05/24 17:58	1
Chloroform	ND		6.2	0.98	ug/Kg	☼	10/05/24 12:52	10/05/24 17:58	1
Chloromethane	ND		6.2	2.8	ug/Kg	☼	10/05/24 12:52	10/05/24 17:58	1
cis-1,2-Dichloroethene	ND		6.2	1.8	ug/Kg	☼	10/05/24 12:52	10/05/24 17:58	1
cis-1,3-Dichloropropene	ND		6.2	3.6	ug/Kg	☼	10/05/24 12:52	10/05/24 17:58	1
Cyclohexane	ND		12	1.7	ug/Kg	☼	10/05/24 12:52	10/05/24 17:58	1
Chlorodibromomethane	ND		6.2	3.5	ug/Kg	☼	10/05/24 12:52	10/05/24 17:58	1
Dichlorodifluoromethane	ND		6.2	2.8	ug/Kg	☼	10/05/24 12:52	10/05/24 17:58	1
Ethylbenzene	ND		6.2	1.3	ug/Kg	☼	10/05/24 12:52	10/05/24 17:58	1
Isopropylbenzene	ND		6.2	2.4	ug/Kg	☼	10/05/24 12:52	10/05/24 17:58	1
Methyl acetate	ND		31	4.2	ug/Kg	☼	10/05/24 12:52	10/05/24 17:58	1
Methyl tert-butyl ether	ND		6.2	2.5	ug/Kg	☼	10/05/24 12:52	10/05/24 17:58	1
Methylcyclohexane	ND		12	1.5	ug/Kg	☼	10/05/24 12:52	10/05/24 17:58	1
Methylene Chloride	ND		31	15	ug/Kg	☼	10/05/24 12:52	10/05/24 17:58	1
Styrene	ND		6.2	1.4	ug/Kg	☼	10/05/24 12:52	10/05/24 17:58	1
Tetrachloroethene	ND		6.2	4.8	ug/Kg	☼	10/05/24 12:52	10/05/24 17:58	1
Toluene	ND		6.2	0.96	ug/Kg	☼	10/05/24 12:52	10/05/24 17:58	1
trans-1,2-Dichloroethene	ND		6.2	1.8	ug/Kg	☼	10/05/24 12:52	10/05/24 17:58	1
trans-1,3-Dichloropropene	ND		6.2	4.6	ug/Kg	☼	10/05/24 12:52	10/05/24 17:58	1
Trichloroethene	ND		6.2	1.8	ug/Kg	☼	10/05/24 12:52	10/05/24 17:58	1
Trichlorofluoromethane	ND		6.2	3.3	ug/Kg	☼	10/05/24 12:52	10/05/24 17:58	1
Vinyl chloride	ND		6.2	2.2	ug/Kg	☼	10/05/24 12:52	10/05/24 17:58	1
Xylenes, Total	ND		12	2.0	ug/Kg	☼	10/05/24 12:52	10/05/24 17:58	1

Client: August Mack Environmental, Inc.
Project/Site: MSC Canfield - Soil

Job ID: 240-212437-1

Client Sample ID: T1000-C-0.0
Date Collected: 10/03/24 14:24
Date Received: 10/04/24 16:30

Lab Sample ID: 240-212437-6
Matrix: Solid
Percent Solids: 78.4

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Toluene-d8 (Surr)	*98*		*56 - 125*	*10/05/24 12:52*	*10/05/24 17:58*	*1*
Dibromofluoromethane (Surr)	*85*		*41 - 138*	*10/05/24 12:52*	*10/05/24 17:58*	*1*
4-Bromofluorobenzene (Surr)	*92*		*41 - 143*	*10/05/24 12:52*	*10/05/24 17:58*	*1*
1,2-Dichloroethane-d4 (Surr)	*95*		*58 - 125*	*10/05/24 12:52*	*10/05/24 17:58*	*1*

Method: SW846 8270E - Semivolatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1'-Biphenyl	ND		130	36	ug/Kg	☼	10/07/24 09:29	10/08/24 15:35	1
bis (2-chloroisopropyl) ether	ND		130	33	ug/Kg	☼	10/07/24 09:29	10/08/24 15:35	1
2,4,5-Trichlorophenol	ND		190	42	ug/Kg	☼	10/07/24 09:29	10/08/24 15:35	1
2,4,6-Trichlorophenol	ND		190	37	ug/Kg	☼	10/07/24 09:29	10/08/24 15:35	1
2,4-Dichlorophenol	ND		190	35	ug/Kg	☼	10/07/24 09:29	10/08/24 15:35	1
2,4-Dimethylphenol	ND		190	46	ug/Kg	☼	10/07/24 09:29	10/08/24 15:35	1
2,4-Dinitrophenol	ND		420	220	ug/Kg	☼	10/07/24 09:29	10/08/24 15:35	1
2,4-Dinitrotoluene	ND		260	29	ug/Kg	☼	10/07/24 09:29	10/08/24 15:35	1
2,6-Dinitrotoluene	ND		260	46	ug/Kg	☼	10/07/24 09:29	10/08/24 15:35	1
2-Chloronaphthalene	ND		130	36	ug/Kg	☼	10/07/24 09:29	10/08/24 15:35	1
2-Chlorophenol	ND		130	33	ug/Kg	☼	10/07/24 09:29	10/08/24 15:35	1
2-Methylnaphthalene	**76**		51	17	ug/Kg	☼	10/07/24 09:29	10/08/24 15:35	1
2-Methylphenol	ND		260	53	ug/Kg	☼	10/07/24 09:29	10/08/24 15:35	1
2-Nitroaniline	ND		260	49	ug/Kg	☼	10/07/24 09:29	10/08/24 15:35	1
2-Nitrophenol	ND		130	45	ug/Kg	☼	10/07/24 09:29	10/08/24 15:35	1
3,3'-Dichlorobenzidine	ND		190	120	ug/Kg	☼	10/07/24 09:29	10/08/24 15:35	1
3-Nitroaniline	ND		260	45	ug/Kg	☼	10/07/24 09:29	10/08/24 15:35	1
4,6-Dinitro-2-methylphenol	ND		420	130	ug/Kg	☼	10/07/24 09:29	10/08/24 15:35	1
4-Bromophenyl phenyl ether	ND		130	41	ug/Kg	☼	10/07/24 09:29	10/08/24 15:35	1
4-Chloro-3-methylphenol	ND		190	49	ug/Kg	☼	10/07/24 09:29	10/08/24 15:35	1
4-Chloroaniline	ND		190	21	ug/Kg	☼	10/07/24 09:29	10/08/24 15:35	1
4-Chlorophenyl phenyl ether	ND		130	36	ug/Kg	☼	10/07/24 09:29	10/08/24 15:35	1
4-Nitroaniline	ND		260	33	ug/Kg	☼	10/07/24 09:29	10/08/24 15:35	1
4-Nitrophenol	ND		420	120	ug/Kg	☼	10/07/24 09:29	10/08/24 15:35	1
Acenaphthene	ND		51	18	ug/Kg	☼	10/07/24 09:29	10/08/24 15:35	1
Acenaphthylene	ND		51	19	ug/Kg	☼	10/07/24 09:29	10/08/24 15:35	1
Acetophenone	ND		130	32	ug/Kg	☼	10/07/24 09:29	10/08/24 15:35	1
Anthracene	**15**	**J**	51	15	ug/Kg	☼	10/07/24 09:29	10/08/24 15:35	1
Atrazine	ND		420	88	ug/Kg	☼	10/07/24 09:29	10/08/24 15:35	1
Benzaldehyde	ND		420	72	ug/Kg	☼	10/07/24 09:29	10/08/24 15:35	1
Benzo[a]anthracene	**60**		51	19	ug/Kg	☼	10/07/24 09:29	10/08/24 15:35	1
Benzo[a]pyrene	**67**		51	18	ug/Kg	☼	10/07/24 09:29	10/08/24 15:35	1
Benzo[b]fluoranthene	**120**		51	15	ug/Kg	☼	10/07/24 09:29	10/08/24 15:35	1
Benzo[g,h,i]perylene	**61**		51	35	ug/Kg	☼	10/07/24 09:29	10/08/24 15:35	1
Benzo[k]fluoranthene	**51**		51	13	ug/Kg	☼	10/07/24 09:29	10/08/24 15:35	1
Bis(2-chloroethoxy)methane	ND		130	26	ug/Kg	☼	10/07/24 09:29	10/08/24 15:35	1
Bis(2-chloroethyl)ether	ND		130	28	ug/Kg	☼	10/07/24 09:29	10/08/24 15:35	1
Bis(2-ethylhexyl) phthalate	ND		190	72	ug/Kg	☼	10/07/24 09:29	10/08/24 15:35	1
Butyl benzyl phthalate	ND		190	65	ug/Kg	☼	10/07/24 09:29	10/08/24 15:35	1
Caprolactam	ND		420	88	ug/Kg	☼	10/07/24 09:29	10/08/24 15:35	1
Carbazole	ND		130	35	ug/Kg	☼	10/07/24 09:29	10/08/24 15:35	1
Chrysene	**99**		51	18	ug/Kg	☼	10/07/24 09:29	10/08/24 15:35	1
Dibenz(a,h)anthracene	ND		51	19	ug/Kg	☼	10/07/24 09:29	10/08/24 15:35	1

Client Sample ID: T1000-C-0.0
Date Collected: 10/03/24 14:24
Date Received: 10/04/24 16:30

Lab Sample ID: 240-212437-6
Matrix: Solid
Percent Solids: 78.4

Method: SW846 8270E - Semivolatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Dibenzofuran	ND		130	37	ug/Kg	☼	10/07/24 09:29	10/08/24 15:35	1
Diethyl phthalate	ND		190	55	ug/Kg	☼	10/07/24 09:29	10/08/24 15:35	1
Dimethyl phthalate	ND		190	51	ug/Kg	☼	10/07/24 09:29	10/08/24 15:35	1
Di-n-butyl phthalate	ND		190	65	ug/Kg	☼	10/07/24 09:29	10/08/24 15:35	1
Di-n-octyl phthalate	ND		190	64	ug/Kg	☼	10/07/24 09:29	10/08/24 15:35	1
Fluoranthene	**160**		51	18	ug/Kg	☼	10/07/24 09:29	10/08/24 15:35	1
Fluorene	ND		51	18	ug/Kg	☼	10/07/24 09:29	10/08/24 15:35	1
Hexachlorobenzene	ND		51	18	ug/Kg	☼	10/07/24 09:29	10/08/24 15:35	1
Hexachlorobutadiene	ND		130	27	ug/Kg	☼	10/07/24 09:29	10/08/24 15:35	1
Hexachlorocyclopentadiene	ND		420	50	ug/Kg	☼	10/07/24 09:29	10/08/24 15:35	1
Hexachloroethane	ND		130	41	ug/Kg	☼	10/07/24 09:29	10/08/24 15:35	1
Indeno[1,2,3-cd]pyrene	**46**	**J**	51	15	ug/Kg	☼	10/07/24 09:29	10/08/24 15:35	1
Isophorone	ND		130	33	ug/Kg	☼	10/07/24 09:29	10/08/24 15:35	1
N-Nitrosodi-n-propylamine	ND		130	47	ug/Kg	☼	10/07/24 09:29	10/08/24 15:35	1
N-Nitrosodiphenylamine	ND		130	35	ug/Kg	☼	10/07/24 09:29	10/08/24 15:35	1
Naphthalene	**63**		51	17	ug/Kg	☼	10/07/24 09:29	10/08/24 15:35	1
Nitrobenzene	ND		130	28	ug/Kg	☼	10/07/24 09:29	10/08/24 15:35	1
Pentachlorophenol	ND		350	130	ug/Kg	☼	10/07/24 09:29	10/08/24 15:35	1
Phenanthrene	**76**		51	17	ug/Kg	☼	10/07/24 09:29	10/08/24 15:35	1
Phenol	ND		130	49	ug/Kg	☼	10/07/24 09:29	10/08/24 15:35	1
Pyrene	**130**		51	21	ug/Kg	☼	10/07/24 09:29	10/08/24 15:35	1
3 & 4 Methylphenol	**63**	**J**	510	53	ug/Kg	☼	10/07/24 09:29	10/08/24 15:35	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Terphenyl-d14 (Surr)	*63*		*37 - 120*	*10/07/24 09:29*	*10/08/24 15:35*	*1*
Phenol-d5 (Surr)	*69*		*29 - 120*	*10/07/24 09:29*	*10/08/24 15:35*	*1*
Nitrobenzene-d5 (Surr)	*62*		*28 - 120*	*10/07/24 09:29*	*10/08/24 15:35*	*1*
2-Fluorophenol (Surr)	*66*		*26 - 120*	*10/07/24 09:29*	*10/08/24 15:35*	*1*
2-Fluorobiphenyl (Surr)	*66*		*36 - 120*	*10/07/24 09:29*	*10/08/24 15:35*	*1*
2,4,6-Tribromophenol (Surr)	*32*		*10 - 120*	*10/07/24 09:29*	*10/08/24 15:35*	*1*

Method: SW846 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aroclor-1016	ND		64	32	ug/Kg	☼	10/07/24 09:33	10/07/24 20:00	1
Aroclor-1221	ND		64	38	ug/Kg	☼	10/07/24 09:33	10/07/24 20:00	1
Aroclor-1232	ND		64	27	ug/Kg	☼	10/07/24 09:33	10/07/24 20:00	1
Aroclor-1242	ND		64	24	ug/Kg	☼	10/07/24 09:33	10/07/24 20:00	1
Aroclor-1248	ND		64	22	ug/Kg	☼	10/07/24 09:33	10/07/24 20:00	1
Aroclor-1254	ND		64	27	ug/Kg	☼	10/07/24 09:33	10/07/24 20:00	1
Aroclor-1260	ND		64	27	ug/Kg	☼	10/07/24 09:33	10/07/24 20:00	1
Aroclor-1262	ND		64	28	ug/Kg	☼	10/07/24 09:33	10/07/24 20:00	1
Aroclor-1268	ND		64	20	ug/Kg	☼	10/07/24 09:33	10/07/24 20:00	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Tetrachloro-m-xylene	*74*		*10 - 149*	*10/07/24 09:33*	*10/07/24 20:00*	*1*
DCB Decachlorobiphenyl	*81*		*10 - 174*	*10/07/24 09:33*	*10/07/24 20:00*	*1*

Method: SW846 6010D - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	**15**		1.6	0.33	mg/Kg	☼	10/07/24 15:00	10/08/24 14:42	1

Client: August Mack Environmental, Inc.
Job ID: 240-212437-1
Project/Site: MSC Canfield - Soil

Client Sample ID: T1000-C-0.0
Lab Sample ID: 240-212437-6
Date Collected: 10/03/24 14:24
Matrix: Solid
Date Received: 10/04/24 16:30
Percent Solids: 78.4

Method: SW846 6010D - Metals (ICP) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Barium	72		21	0.13	mg/Kg	☼	10/07/24 15:00	10/08/24 14:42	1
Cadmium	0.18	J	0.52	0.050	mg/Kg	☼	10/07/24 15:00	10/08/24 14:42	1
Chromium	10		1.0	0.36	mg/Kg	☼	10/07/24 15:00	10/08/24 14:42	1
Copper	1.9	J	2.6	0.73	mg/Kg	☼	10/07/24 15:00	10/08/24 14:42	1
Lead	18		1.0	0.29	mg/Kg	☼	10/07/24 15:00	10/08/24 14:42	1
Selenium	0.69	J	2.1	0.49	mg/Kg	☼	10/07/24 15:00	10/08/24 14:42	1
Silver	ND		1.0	0.085	mg/Kg	☼	10/07/24 15:00	10/08/24 14:42	1
Zinc	6600		52	38	mg/Kg	☼	10/07/24 15:00	10/08/24 16:00	10

Method: SW846 7471B - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	ND		0.13	0.024	mg/Kg	☼	10/07/24 15:00	10/08/24 11:46	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cyanide, Total (SW846 9012B)	1.9		0.64	0.51	mg/Kg	☼	10/07/24 11:09	10/07/24 18:47	1

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Solids (EPA Moisture)	78.4		0.1	0.1	%			10/07/24 10:13	1
Percent Moisture (EPA Moisture)	21.6		0.1	0.1	%			10/07/24 10:13	1

Client: August Mack Environmental, Inc.
Project/Site: MSC Canfield - Soil

Job ID: 240-212437-1

Client Sample ID: T1125-W-0.0
Date Collected: 10/03/24 14:35
Date Received: 10/04/24 16:30

Lab Sample ID: 240-212437-7
Matrix: Solid
Percent Solids: 77.5

Method: SW846 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		6.3	2.2	ug/Kg	☼	10/05/24 12:52	10/05/24 18:18	1
1,1,2,2-Tetrachloroethane	ND		6.3	1.8	ug/Kg	☼	10/05/24 12:52	10/05/24 18:18	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		6.3	1.6	ug/Kg	☼	10/05/24 12:52	10/05/24 18:18	1
1,1,2-Trichloroethane	ND		6.3	1.4	ug/Kg	☼	10/05/24 12:52	10/05/24 18:18	1
1,1-Dichloroethane	ND		6.3	1.8	ug/Kg	☼	10/05/24 12:52	10/05/24 18:18	1
1,1-Dichloroethene	ND		6.3	2.3	ug/Kg	☼	10/05/24 12:52	10/05/24 18:18	1
1,2,4-Trichlorobenzene	ND		6.3	3.2	ug/Kg	☼	10/05/24 12:52	10/05/24 18:18	1
1,2-Dibromo-3-Chloropropane	ND		13	4.6	ug/Kg	☼	10/05/24 12:52	10/05/24 18:18	1
Ethylene Dibromide	ND		6.3	0.97	ug/Kg	☼	10/05/24 12:52	10/05/24 18:18	1
1,2-Dichlorobenzene	ND		6.3	1.4	ug/Kg	☼	10/05/24 12:52	10/05/24 18:18	1
1,2-Dichloroethane	ND		6.3	2.3	ug/Kg	☼	10/05/24 12:52	10/05/24 18:18	1
1,2-Dichloropropane	ND		6.3	1.1	ug/Kg	☼	10/05/24 12:52	10/05/24 18:18	1
1,3-Dichlorobenzene	ND		6.3	2.1	ug/Kg	☼	10/05/24 12:52	10/05/24 18:18	1
1,4-Dichlorobenzene	ND		6.3	1.1	ug/Kg	☼	10/05/24 12:52	10/05/24 18:18	1
2-Butanone (MEK)	**6.6**	**J**	25	4.5	ug/Kg	☼	10/05/24 12:52	10/05/24 18:18	1
2-Hexanone	ND		25	5.2	ug/Kg	☼	10/05/24 12:52	10/05/24 18:18	1
4-Methyl-2-pentanone (MIBK)	ND		25	4.7	ug/Kg	☼	10/05/24 12:52	10/05/24 18:18	1
Acetone	**34**		32	27	ug/Kg	☼	10/05/24 12:52	10/05/24 18:18	1
Benzene	ND		6.3	0.88	ug/Kg	☼	10/05/24 12:52	10/05/24 18:18	1
Dichlorobromomethane	ND		6.3	1.9	ug/Kg	☼	10/05/24 12:52	10/05/24 18:18	1
Bromoform	ND		6.3	3.0	ug/Kg	☼	10/05/24 12:52	10/05/24 18:18	1
Bromomethane	ND		6.3	5.2	ug/Kg	☼	10/05/24 12:52	10/05/24 18:18	1
Carbon disulfide	ND		6.3	1.5	ug/Kg	☼	10/05/24 12:52	10/05/24 18:18	1
Carbon tetrachloride	ND		6.3	4.1	ug/Kg	☼	10/05/24 12:52	10/05/24 18:18	1
Chlorobenzene	ND		6.3	1.2	ug/Kg	☼	10/05/24 12:52	10/05/24 18:18	1
Chloroethane	ND		6.3	3.5	ug/Kg	☼	10/05/24 12:52	10/05/24 18:18	1
Chloroform	ND		6.3	0.99	ug/Kg	☼	10/05/24 12:52	10/05/24 18:18	1
Chloromethane	ND		6.3	2.9	ug/Kg	☼	10/05/24 12:52	10/05/24 18:18	1
cis-1,2-Dichloroethene	ND		6.3	1.9	ug/Kg	☼	10/05/24 12:52	10/05/24 18:18	1
cis-1,3-Dichloropropene	ND		6.3	3.6	ug/Kg	☼	10/05/24 12:52	10/05/24 18:18	1
Cyclohexane	ND		13	1.7	ug/Kg	☼	10/05/24 12:52	10/05/24 18:18	1
Chlorodibromomethane	ND		6.3	3.5	ug/Kg	☼	10/05/24 12:52	10/05/24 18:18	1
Dichlorodifluoromethane	ND		6.3	2.9	ug/Kg	☼	10/05/24 12:52	10/05/24 18:18	1
Ethylbenzene	ND		6.3	1.3	ug/Kg	☼	10/05/24 12:52	10/05/24 18:18	1
Isopropylbenzene	ND		6.3	2.4	ug/Kg	☼	10/05/24 12:52	10/05/24 18:18	1
Methyl acetate	ND		32	4.3	ug/Kg	☼	10/05/24 12:52	10/05/24 18:18	1
Methyl tert-butyl ether	ND		6.3	2.5	ug/Kg	☼	10/05/24 12:52	10/05/24 18:18	1
Methylcyclohexane	ND		13	1.5	ug/Kg	☼	10/05/24 12:52	10/05/24 18:18	1
Methylene Chloride	ND		32	15	ug/Kg	☼	10/05/24 12:52	10/05/24 18:18	1
Styrene	ND		6.3	1.5	ug/Kg	☼	10/05/24 12:52	10/05/24 18:18	1
Tetrachloroethene	ND		6.3	4.9	ug/Kg	☼	10/05/24 12:52	10/05/24 18:18	1
Toluene	ND		6.3	0.98	ug/Kg	☼	10/05/24 12:52	10/05/24 18:18	1
trans-1,2-Dichloroethene	ND		6.3	1.8	ug/Kg	☼	10/05/24 12:52	10/05/24 18:18	1
trans-1,3-Dichloropropene	ND		6.3	4.7	ug/Kg	☼	10/05/24 12:52	10/05/24 18:18	1
Trichloroethene	ND		6.3	1.8	ug/Kg	☼	10/05/24 12:52	10/05/24 18:18	1
Trichlorofluoromethane	ND		6.3	3.4	ug/Kg	☼	10/05/24 12:52	10/05/24 18:18	1
Vinyl chloride	ND		6.3	2.2	ug/Kg	☼	10/05/24 12:52	10/05/24 18:18	1
Xylenes, Total	ND		13	2.0	ug/Kg	☼	10/05/24 12:52	10/05/24 18:18	1

Client: August Mack Environmental, Inc.
Project/Site: MSC Canfield - Soil

Job ID: 240-212437-1

Client Sample ID: T1125-W-0.0
Date Collected: 10/03/24 14:35
Date Received: 10/04/24 16:30

Lab Sample ID: 240-212437-7
Matrix: Solid
Percent Solids: 77.5

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Toluene-d8 (Surr)	*95*		*56 - 125*	*10/05/24 12:52*	*10/05/24 18:18*	*1*
Dibromofluoromethane (Surr)	*84*		*41 - 138*	*10/05/24 12:52*	*10/05/24 18:18*	*1*
4-Bromofluorobenzene (Surr)	*89*		*41 - 143*	*10/05/24 12:52*	*10/05/24 18:18*	*1*
1,2-Dichloroethane-d4 (Surr)	*94*		*58 - 125*	*10/05/24 12:52*	*10/05/24 18:18*	*1*

Method: SW846 8270E - Semivolatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1'-Biphenyl	ND		130	36	ug/Kg	☼	10/07/24 09:29	10/08/24 16:23	1
bis (2-chloroisopropyl) ether	ND		130	34	ug/Kg	☼	10/07/24 09:29	10/08/24 16:23	1
2,4,5-Trichlorophenol	ND		190	43	ug/Kg	☼	10/07/24 09:29	10/08/24 16:23	1
2,4,6-Trichlorophenol	ND		190	38	ug/Kg	☼	10/07/24 09:29	10/08/24 16:23	1
2,4-Dichlorophenol	ND		190	35	ug/Kg	☼	10/07/24 09:29	10/08/24 16:23	1
2,4-Dimethylphenol	ND		190	47	ug/Kg	☼	10/07/24 09:29	10/08/24 16:23	1
2,4-Dinitrophenol	ND		430	220	ug/Kg	☼	10/07/24 09:29	10/08/24 16:23	1
2,4-Dinitrotoluene	ND		260	30	ug/Kg	☼	10/07/24 09:29	10/08/24 16:23	1
2,6-Dinitrotoluene	ND		260	47	ug/Kg	☼	10/07/24 09:29	10/08/24 16:23	1
2-Chloronaphthalene	ND		130	36	ug/Kg	☼	10/07/24 09:29	10/08/24 16:23	1
2-Chlorophenol	ND		130	34	ug/Kg	☼	10/07/24 09:29	10/08/24 16:23	1
2-Methylnaphthalene	**42**	**J**	52	17	ug/Kg	☼	10/07/24 09:29	10/08/24 16:23	1
2-Methylphenol	ND		260	53	ug/Kg	☼	10/07/24 09:29	10/08/24 16:23	1
2-Nitroaniline	ND		260	49	ug/Kg	☼	10/07/24 09:29	10/08/24 16:23	1
2-Nitrophenol	ND		130	45	ug/Kg	☼	10/07/24 09:29	10/08/24 16:23	1
3,3'-Dichlorobenzidine	ND		190	120	ug/Kg	☼	10/07/24 09:29	10/08/24 16:23	1
3-Nitroaniline	ND		260	45	ug/Kg	☼	10/07/24 09:29	10/08/24 16:23	1
4,6-Dinitro-2-methylphenol	ND		430	140	ug/Kg	☼	10/07/24 09:29	10/08/24 16:23	1
4-Bromophenyl phenyl ether	ND		130	42	ug/Kg	☼	10/07/24 09:29	10/08/24 16:23	1
4-Chloro-3-methylphenol	ND		190	49	ug/Kg	☼	10/07/24 09:29	10/08/24 16:23	1
4-Chloroaniline	ND		190	21	ug/Kg	☼	10/07/24 09:29	10/08/24 16:23	1
4-Chlorophenyl phenyl ether	ND		130	36	ug/Kg	☼	10/07/24 09:29	10/08/24 16:23	1
4-Nitroaniline	ND		260	34	ug/Kg	☼	10/07/24 09:29	10/08/24 16:23	1
4-Nitrophenol	ND		430	120	ug/Kg	☼	10/07/24 09:29	10/08/24 16:23	1
Acenaphthene	ND		52	18	ug/Kg	☼	10/07/24 09:29	10/08/24 16:23	1
Acenaphthylene	ND		52	19	ug/Kg	☼	10/07/24 09:29	10/08/24 16:23	1
Acetophenone	ND		130	32	ug/Kg	☼	10/07/24 09:29	10/08/24 16:23	1
Anthracene	**18**	**J**	52	16	ug/Kg	☼	10/07/24 09:29	10/08/24 16:23	1
Atrazine	ND		430	90	ug/Kg	☼	10/07/24 09:29	10/08/24 16:23	1
Benzaldehyde	ND		430	73	ug/Kg	☼	10/07/24 09:29	10/08/24 16:23	1
Benzo[a]anthracene	**88**		52	19	ug/Kg	☼	10/07/24 09:29	10/08/24 16:23	1
Benzo[a]pyrene	**110**		52	18	ug/Kg	☼	10/07/24 09:29	10/08/24 16:23	1
Benzo[b]fluoranthene	**210**		52	16	ug/Kg	☼	10/07/24 09:29	10/08/24 16:23	1
Benzo[g,h,i]perylene	**110**		52	35	ug/Kg	☼	10/07/24 09:29	10/08/24 16:23	1
Benzo[k]fluoranthene	**73**		52	13	ug/Kg	☼	10/07/24 09:29	10/08/24 16:23	1
Bis(2-chloroethoxy)methane	ND		130	26	ug/Kg	☼	10/07/24 09:29	10/08/24 16:23	1
Bis(2-chloroethyl)ether	ND		130	29	ug/Kg	☼	10/07/24 09:29	10/08/24 16:23	1
Bis(2-ethylhexyl) phthalate	ND		190	73	ug/Kg	☼	10/07/24 09:29	10/08/24 16:23	1
Butyl benzyl phthalate	ND		190	66	ug/Kg	☼	10/07/24 09:29	10/08/24 16:23	1
Caprolactam	ND		430	90	ug/Kg	☼	10/07/24 09:29	10/08/24 16:23	1
Carbazole	ND		130	35	ug/Kg	☼	10/07/24 09:29	10/08/24 16:23	1
Chrysene	**150**		52	18	ug/Kg	☼	10/07/24 09:29	10/08/24 16:23	1
Dibenz(a,h)anthracene	ND		52	19	ug/Kg	☼	10/07/24 09:29	10/08/24 16:23	1

Client Sample ID: T1125-W-0.0
Date Collected: 10/03/24 14:35
Date Received: 10/04/24 16:30

Lab Sample ID: 240-212437-7
Matrix: Solid
Percent Solids: 77.5

Method: SW846 8270E - Semivolatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Dibenzofuran	ND		130	38	ug/Kg	☼	10/07/24 09:29	10/08/24 16:23	1
Diethyl phthalate	ND		190	56	ug/Kg	☼	10/07/24 09:29	10/08/24 16:23	1
Dimethyl phthalate	ND		190	52	ug/Kg	☼	10/07/24 09:29	10/08/24 16:23	1
Di-n-butyl phthalate	ND		190	66	ug/Kg	☼	10/07/24 09:29	10/08/24 16:23	1
Di-n-octyl phthalate	ND		190	65	ug/Kg	☼	10/07/24 09:29	10/08/24 16:23	1
Fluoranthene	**240**		52	18	ug/Kg	☼	10/07/24 09:29	10/08/24 16:23	1
Fluorene	ND		52	18	ug/Kg	☼	10/07/24 09:29	10/08/24 16:23	1
Hexachlorobenzene	ND		52	18	ug/Kg	☼	10/07/24 09:29	10/08/24 16:23	1
Hexachlorobutadiene	ND		130	27	ug/Kg	☼	10/07/24 09:29	10/08/24 16:23	1
Hexachlorocyclopentadiene	ND		430	51	ug/Kg	☼	10/07/24 09:29	10/08/24 16:23	1
Hexachloroethane	ND		130	42	ug/Kg	☼	10/07/24 09:29	10/08/24 16:23	1
Indeno[1,2,3-cd]pyrene	**90**		52	16	ug/Kg	☼	10/07/24 09:29	10/08/24 16:23	1
Isophorone	ND		130	34	ug/Kg	☼	10/07/24 09:29	10/08/24 16:23	1
N-Nitrosodi-n-propylamine	ND		130	48	ug/Kg	☼	10/07/24 09:29	10/08/24 16:23	1
N-Nitrosodiphenylamine	ND		130	35	ug/Kg	☼	10/07/24 09:29	10/08/24 16:23	1
Naphthalene	**29**	**J**	52	17	ug/Kg	☼	10/07/24 09:29	10/08/24 16:23	1
Nitrobenzene	ND		130	29	ug/Kg	☼	10/07/24 09:29	10/08/24 16:23	1
Pentachlorophenol	ND		350	140	ug/Kg	☼	10/07/24 09:29	10/08/24 16:23	1
Phenanthrene	**110**		52	17	ug/Kg	☼	10/07/24 09:29	10/08/24 16:23	1
Phenol	ND		130	49	ug/Kg	☼	10/07/24 09:29	10/08/24 16:23	1
Pyrene	**200**		52	21	ug/Kg	☼	10/07/24 09:29	10/08/24 16:23	1
3 & 4 Methylphenol	**170**	**J**	520	53	ug/Kg	☼	10/07/24 09:29	10/08/24 16:23	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Terphenyl-d14 (Surr)	*64*		*37 - 120*	*10/07/24 09:29*	*10/08/24 16:23*	*1*
Phenol-d5 (Surr)	*75*		*29 - 120*	*10/07/24 09:29*	*10/08/24 16:23*	*1*
Nitrobenzene-d5 (Surr)	*62*		*28 - 120*	*10/07/24 09:29*	*10/08/24 16:23*	*1*
2-Fluorophenol (Surr)	*72*		*26 - 120*	*10/07/24 09:29*	*10/08/24 16:23*	*1*
2-Fluorobiphenyl (Surr)	*70*		*36 - 120*	*10/07/24 09:29*	*10/08/24 16:23*	*1*
2,4,6-Tribromophenol (Surr)	*72*		*10 - 120*	*10/07/24 09:29*	*10/08/24 16:23*	*1*

Method: SW846 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aroclor-1016	ND		61	31	ug/Kg	☼	10/07/24 09:33	10/07/24 20:16	1
Aroclor-1221	ND		61	37	ug/Kg	☼	10/07/24 09:33	10/07/24 20:16	1
Aroclor-1232	ND		61	26	ug/Kg	☼	10/07/24 09:33	10/07/24 20:16	1
Aroclor-1242	ND		61	23	ug/Kg	☼	10/07/24 09:33	10/07/24 20:16	1
Aroclor-1248	ND		61	21	ug/Kg	☼	10/07/24 09:33	10/07/24 20:16	1
Aroclor-1254	ND		61	26	ug/Kg	☼	10/07/24 09:33	10/07/24 20:16	1
Aroclor-1260	ND		61	26	ug/Kg	☼	10/07/24 09:33	10/07/24 20:16	1
Aroclor-1262	ND		61	27	ug/Kg	☼	10/07/24 09:33	10/07/24 20:16	1
Aroclor-1268	ND		61	20	ug/Kg	☼	10/07/24 09:33	10/07/24 20:16	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Tetrachloro-m-xylene	*69*		*10 - 149*	*10/07/24 09:33*	*10/07/24 20:16*	*1*
DCB Decachlorobiphenyl	*73*		*10 - 174*	*10/07/24 09:33*	*10/07/24 20:16*	*1*

Method: SW846 6010D - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	**11**		1.9	0.40	mg/Kg	☼	10/07/24 15:00	10/08/24 14:47	1

Client: August Mack Environmental, Inc.
Job ID: 240-212437-1
Project/Site: MSC Canfield - Soil

Client Sample ID: T1125-W-0.0
Lab Sample ID: 240-212437-7
Date Collected: 10/03/24 14:35
Matrix: Solid
Date Received: 10/04/24 16:30
Percent Solids: 77.5

Method: SW846 6010D - Metals (ICP) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Barium	47		25	0.16	mg/Kg	☼	10/07/24 15:00	10/08/24 14:47	1
Cadmium	0.20	J	0.63	0.061	mg/Kg	☼	10/07/24 15:00	10/08/24 14:47	1
Chromium	11		1.3	0.43	mg/Kg	☼	10/07/24 15:00	10/08/24 14:47	1
Copper	11		3.2	0.89	mg/Kg	☼	10/07/24 15:00	10/08/24 14:47	1
Lead	18		1.3	0.36	mg/Kg	☼	10/07/24 15:00	10/08/24 14:47	1
Selenium	ND		2.5	0.59	mg/Kg	☼	10/07/24 15:00	10/08/24 14:47	1
Silver	ND		1.3	0.10	mg/Kg	☼	10/07/24 15:00	10/08/24 14:47	1
Zinc	660		6.3	4.6	mg/Kg	☼	10/07/24 15:00	10/08/24 14:47	1

Method: SW846 7471B - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	ND		0.12	0.022	mg/Kg	☼	10/07/24 15:00	10/08/24 11:47	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cyanide, Total (SW846 9012B)	66		31	25	mg/Kg	☼	10/07/24 11:09	10/07/24 18:52	50

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Solids (EPA Moisture)	77.5		0.1	0.1	%			10/07/24 10:13	1
Percent Moisture (EPA Moisture)	22.5		0.1	0.1	%			10/07/24 10:13	1

Client: August Mack Environmental, Inc.
Project/Site: MSC Canfield - Soil

Job ID: 240-212437-1

Client Sample ID: T1125-E-0.0
Date Collected: 10/03/24 14:35
Date Received: 10/04/24 16:30

Lab Sample ID: 240-212437-8
Matrix: Solid
Percent Solids: 68.7

Method: SW846 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		7.2	2.5	ug/Kg	☼	10/05/24 12:52	10/05/24 18:38	1
1,1,2,2-Tetrachloroethane	ND		7.2	2.1	ug/Kg	☼	10/05/24 12:52	10/05/24 18:38	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		7.2	1.8	ug/Kg	☼	10/05/24 12:52	10/05/24 18:38	1
1,1,2-Trichloroethane	ND		7.2	1.6	ug/Kg	☼	10/05/24 12:52	10/05/24 18:38	1
1,1-Dichloroethane	ND		7.2	2.0	ug/Kg	☼	10/05/24 12:52	10/05/24 18:38	1
1,1-Dichloroethene	ND		7.2	2.6	ug/Kg	☼	10/05/24 12:52	10/05/24 18:38	1
1,2,4-Trichlorobenzene	ND		7.2	3.6	ug/Kg	☼	10/05/24 12:52	10/05/24 18:38	1
1,2-Dibromo-3-Chloropropane	ND		14	5.2	ug/Kg	☼	10/05/24 12:52	10/05/24 18:38	1
Ethylene Dibromide	ND		7.2	1.1	ug/Kg	☼	10/05/24 12:52	10/05/24 18:38	1
1,2-Dichlorobenzene	ND		7.2	1.6	ug/Kg	☼	10/05/24 12:52	10/05/24 18:38	1
1,2-Dichloroethane	ND		7.2	2.6	ug/Kg	☼	10/05/24 12:52	10/05/24 18:38	1
1,2-Dichloropropane	ND		7.2	1.2	ug/Kg	☼	10/05/24 12:52	10/05/24 18:38	1
1,3-Dichlorobenzene	ND		7.2	2.4	ug/Kg	☼	10/05/24 12:52	10/05/24 18:38	1
1,4-Dichlorobenzene	ND		7.2	1.3	ug/Kg	☼	10/05/24 12:52	10/05/24 18:38	1
2-Butanone (MEK)	ND		29	5.1	ug/Kg	☼	10/05/24 12:52	10/05/24 18:38	1
2-Hexanone	ND		29	5.9	ug/Kg	☼	10/05/24 12:52	10/05/24 18:38	1
4-Methyl-2-pentanone (MIBK)	ND		29	5.3	ug/Kg	☼	10/05/24 12:52	10/05/24 18:38	1
Acetone	ND		36	30	ug/Kg	☼	10/05/24 12:52	10/05/24 18:38	1
Benzene	ND		7.2	1.0	ug/Kg	☼	10/05/24 12:52	10/05/24 18:38	1
Dichlorobromomethane	ND		7.2	2.2	ug/Kg	☼	10/05/24 12:52	10/05/24 18:38	1
Bromoform	ND		7.2	3.4	ug/Kg	☼	10/05/24 12:52	10/05/24 18:38	1
Bromomethane	ND		7.2	6.0	ug/Kg	☼	10/05/24 12:52	10/05/24 18:38	1
Carbon disulfide	ND		7.2	1.7	ug/Kg	☼	10/05/24 12:52	10/05/24 18:38	1
Carbon tetrachloride	ND		7.2	4.7	ug/Kg	☼	10/05/24 12:52	10/05/24 18:38	1
Chlorobenzene	ND		7.2	1.3	ug/Kg	☼	10/05/24 12:52	10/05/24 18:38	1
Chloroethane	ND		7.2	3.9	ug/Kg	☼	10/05/24 12:52	10/05/24 18:38	1
Chloroform	ND		7.2	1.1	ug/Kg	☼	10/05/24 12:52	10/05/24 18:38	1
Chloromethane	ND		7.2	3.3	ug/Kg	☼	10/05/24 12:52	10/05/24 18:38	1
cis-1,2-Dichloroethene	ND		7.2	2.1	ug/Kg	☼	10/05/24 12:52	10/05/24 18:38	1
cis-1,3-Dichloropropene	ND		7.2	4.1	ug/Kg	☼	10/05/24 12:52	10/05/24 18:38	1
Cyclohexane	ND		14	2.0	ug/Kg	☼	10/05/24 12:52	10/05/24 18:38	1
Chlorodibromomethane	ND		7.2	4.0	ug/Kg	☼	10/05/24 12:52	10/05/24 18:38	1
Dichlorodifluoromethane	ND		7.2	3.2	ug/Kg	☼	10/05/24 12:52	10/05/24 18:38	1
Ethylbenzene	ND		7.2	1.5	ug/Kg	☼	10/05/24 12:52	10/05/24 18:38	1
Isopropylbenzene	ND		7.2	2.8	ug/Kg	☼	10/05/24 12:52	10/05/24 18:38	1
Methyl acetate	ND		36	4.9	ug/Kg	☼	10/05/24 12:52	10/05/24 18:38	1
Methyl tert-butyl ether	ND		7.2	2.8	ug/Kg	☼	10/05/24 12:52	10/05/24 18:38	1
Methylcyclohexane	ND		14	1.8	ug/Kg	☼	10/05/24 12:52	10/05/24 18:38	1
Methylene Chloride	ND		36	17	ug/Kg	☼	10/05/24 12:52	10/05/24 18:38	1
Styrene	ND		7.2	1.7	ug/Kg	☼	10/05/24 12:52	10/05/24 18:38	1
Tetrachloroethene	ND		7.2	5.6	ug/Kg	☼	10/05/24 12:52	10/05/24 18:38	1
Toluene	ND		7.2	1.1	ug/Kg	☼	10/05/24 12:52	10/05/24 18:38	1
trans-1,2-Dichloroethene	ND		7.2	2.0	ug/Kg	☼	10/05/24 12:52	10/05/24 18:38	1
trans-1,3-Dichloropropene	ND		7.2	5.3	ug/Kg	☼	10/05/24 12:52	10/05/24 18:38	1
Trichloroethene	ND		7.2	2.1	ug/Kg	☼	10/05/24 12:52	10/05/24 18:38	1
Trichlorofluoromethane	ND		7.2	3.9	ug/Kg	☼	10/05/24 12:52	10/05/24 18:38	1
Vinyl chloride	ND		7.2	2.5	ug/Kg	☼	10/05/24 12:52	10/05/24 18:38	1
Xylenes, Total	ND		14	2.3	ug/Kg	☼	10/05/24 12:52	10/05/24 18:38	1

Client: August Mack Environmental, Inc.
Project/Site: MSC Canfield - Soil

Job ID: 240-212437-1

Client Sample ID: T1125-E-0.0
Date Collected: 10/03/24 14:35
Date Received: 10/04/24 16:30

Lab Sample ID: 240-212437-8
Matrix: Solid
Percent Solids: 68.7

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Toluene-d8 (Surr)	*104*		*56 - 125*	*10/05/24 12:52*	*10/05/24 18:38*	*1*
Dibromofluoromethane (Surr)	*98*		*41 - 138*	*10/05/24 12:52*	*10/05/24 18:38*	*1*
4-Bromofluorobenzene (Surr)	*100*		*41 - 143*	*10/05/24 12:52*	*10/05/24 18:38*	*1*
1,2-Dichloroethane-d4 (Surr)	*103*		*58 - 125*	*10/05/24 12:52*	*10/05/24 18:38*	*1*

Method: SW846 8270E - Semivolatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1'-Biphenyl	ND		140	40	ug/Kg	☼	10/07/24 09:29	10/08/24 18:50	1
bis (2-chloroisopropyl) ether	ND		140	37	ug/Kg	☼	10/07/24 09:29	10/08/24 18:50	1
2,4,5-Trichlorophenol	ND		220	47	ug/Kg	☼	10/07/24 09:29	10/08/24 18:50	1
2,4,6-Trichlorophenol	ND		220	42	ug/Kg	☼	10/07/24 09:29	10/08/24 18:50	1
2,4-Dichlorophenol	ND		220	39	ug/Kg	☼	10/07/24 09:29	10/08/24 18:50	1
2,4-Dimethylphenol	ND		220	52	ug/Kg	☼	10/07/24 09:29	10/08/24 18:50	1
2,4-Dinitrophenol	ND		470	250	ug/Kg	☼	10/07/24 09:29	10/08/24 18:50	1
2,4-Dinitrotoluene	ND		290	33	ug/Kg	☼	10/07/24 09:29	10/08/24 18:50	1
2,6-Dinitrotoluene	ND		290	52	ug/Kg	☼	10/07/24 09:29	10/08/24 18:50	1
2-Chloronaphthalene	ND		140	40	ug/Kg	☼	10/07/24 09:29	10/08/24 18:50	1
2-Chlorophenol	ND		140	37	ug/Kg	☼	10/07/24 09:29	10/08/24 18:50	1
2-Methylnaphthalene	**170**		57	19	ug/Kg	☼	10/07/24 09:29	10/08/24 18:50	1
2-Methylphenol	ND		290	59	ug/Kg	☼	10/07/24 09:29	10/08/24 18:50	1
2-Nitroaniline	ND		290	55	ug/Kg	☼	10/07/24 09:29	10/08/24 18:50	1
2-Nitrophenol	ND		140	50	ug/Kg	☼	10/07/24 09:29	10/08/24 18:50	1
3,3'-Dichlorobenzidine	ND		220	140	ug/Kg	☼	10/07/24 09:29	10/08/24 18:50	1
3-Nitroaniline	ND		290	50	ug/Kg	☼	10/07/24 09:29	10/08/24 18:50	1
4,6-Dinitro-2-methylphenol	ND		470	150	ug/Kg	☼	10/07/24 09:29	10/08/24 18:50	1
4-Bromophenyl phenyl ether	ND		140	46	ug/Kg	☼	10/07/24 09:29	10/08/24 18:50	1
4-Chloro-3-methylphenol	ND		220	55	ug/Kg	☼	10/07/24 09:29	10/08/24 18:50	1
4-Chloroaniline	ND		220	23	ug/Kg	☼	10/07/24 09:29	10/08/24 18:50	1
4-Chlorophenyl phenyl ether	ND		140	40	ug/Kg	☼	10/07/24 09:29	10/08/24 18:50	1
4-Nitroaniline	ND		290	37	ug/Kg	☼	10/07/24 09:29	10/08/24 18:50	1
4-Nitrophenol	ND		470	130	ug/Kg	☼	10/07/24 09:29	10/08/24 18:50	1
Acenaphthene	**23**	**J**	57	20	ug/Kg	☼	10/07/24 09:29	10/08/24 18:50	1
Acenaphthylene	**110**		57	22	ug/Kg	☼	10/07/24 09:29	10/08/24 18:50	1
Acetophenone	ND		140	36	ug/Kg	☼	10/07/24 09:29	10/08/24 18:50	1
Anthracene	**120**		57	17	ug/Kg	☼	10/07/24 09:29	10/08/24 18:50	1
Atrazine	ND		470	99	ug/Kg	☼	10/07/24 09:29	10/08/24 18:50	1
Benzaldehyde	ND		470	80	ug/Kg	☼	10/07/24 09:29	10/08/24 18:50	1
Benzo[a]anthracene	**560**		57	22	ug/Kg	☼	10/07/24 09:29	10/08/24 18:50	1
Benzo[a]pyrene	**750**		57	20	ug/Kg	☼	10/07/24 09:29	10/08/24 18:50	1
Benzo[b]fluoranthene	**1300**		57	17	ug/Kg	☼	10/07/24 09:29	10/08/24 18:50	1
Benzo[g,h,i]perylene	**600**		57	39	ug/Kg	☼	10/07/24 09:29	10/08/24 18:50	1
Benzo[k]fluoranthene	**550**		57	14	ug/Kg	☼	10/07/24 09:29	10/08/24 18:50	1
Bis(2-chloroethoxy)methane	ND		140	29	ug/Kg	☼	10/07/24 09:29	10/08/24 18:50	1
Bis(2-chloroethyl)ether	ND		140	32	ug/Kg	☼	10/07/24 09:29	10/08/24 18:50	1
Bis(2-ethylhexyl) phthalate	ND		220	80	ug/Kg	☼	10/07/24 09:29	10/08/24 18:50	1
Butyl benzyl phthalate	ND		220	73	ug/Kg	☼	10/07/24 09:29	10/08/24 18:50	1
Caprolactam	ND		470	99	ug/Kg	☼	10/07/24 09:29	10/08/24 18:50	1
Carbazole	**95**	**J**	140	39	ug/Kg	☼	10/07/24 09:29	10/08/24 18:50	1
Chrysene	**840**		57	20	ug/Kg	☼	10/07/24 09:29	10/08/24 18:50	1
Dibenz(a,h)anthracene	**150**		57	22	ug/Kg	☼	10/07/24 09:29	10/08/24 18:50	1

Client Sample ID: T1125-E-0.0
Date Collected: 10/03/24 14:35
Date Received: 10/04/24 16:30

Lab Sample ID: 240-212437-8
Matrix: Solid
Percent Solids: 68.7

Method: SW846 8270E - Semivolatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Dibenzofuran	**57**	**J**	140	42	ug/Kg	☼	10/07/24 09:29	10/08/24 18:50	1
Diethyl phthalate	ND		220	62	ug/Kg	☼	10/07/24 09:29	10/08/24 18:50	1
Dimethyl phthalate	ND		220	57	ug/Kg	☼	10/07/24 09:29	10/08/24 18:50	1
Di-n-butyl phthalate	ND		220	73	ug/Kg	☼	10/07/24 09:29	10/08/24 18:50	1
Di-n-octyl phthalate	ND		220	72	ug/Kg	☼	10/07/24 09:29	10/08/24 18:50	1
Fluoranthene	**1400**		57	20	ug/Kg	☼	10/07/24 09:29	10/08/24 18:50	1
Fluorene	**38**	**J**	57	20	ug/Kg	☼	10/07/24 09:29	10/08/24 18:50	1
Hexachlorobenzene	ND		57	20	ug/Kg	☼	10/07/24 09:29	10/08/24 18:50	1
Hexachlorobutadiene	ND		140	30	ug/Kg	☼	10/07/24 09:29	10/08/24 18:50	1
Hexachlorocyclopentadiene	ND		470	56	ug/Kg	☼	10/07/24 09:29	10/08/24 18:50	1
Hexachloroethane	ND		140	46	ug/Kg	☼	10/07/24 09:29	10/08/24 18:50	1
Indeno[1,2,3-cd]pyrene	**470**		57	17	ug/Kg	☼	10/07/24 09:29	10/08/24 18:50	1
Isophorone	ND		140	37	ug/Kg	☼	10/07/24 09:29	10/08/24 18:50	1
N-Nitrosodi-n-propylamine	ND		140	53	ug/Kg	☼	10/07/24 09:29	10/08/24 18:50	1
N-Nitrosodiphenylamine	ND		140	39	ug/Kg	☼	10/07/24 09:29	10/08/24 18:50	1
Naphthalene	**140**		57	19	ug/Kg	☼	10/07/24 09:29	10/08/24 18:50	1
Nitrobenzene	ND		140	32	ug/Kg	☼	10/07/24 09:29	10/08/24 18:50	1
Pentachlorophenol	ND		390	150	ug/Kg	☼	10/07/24 09:29	10/08/24 18:50	1
Phenanthrene	**510**		57	19	ug/Kg	☼	10/07/24 09:29	10/08/24 18:50	1
Phenol	ND		140	55	ug/Kg	☼	10/07/24 09:29	10/08/24 18:50	1
Pyrene	**1100**		57	23	ug/Kg	☼	10/07/24 09:29	10/08/24 18:50	1
3 & 4 Methylphenol	ND		570	59	ug/Kg	☼	10/07/24 09:29	10/08/24 18:50	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Terphenyl-d14 (Surr)	*64*		*37 - 120*	*10/07/24 09:29*	*10/08/24 18:50*	*1*
Phenol-d5 (Surr)	*69*		*29 - 120*	*10/07/24 09:29*	*10/08/24 18:50*	*1*
Nitrobenzene-d5 (Surr)	*63*		*28 - 120*	*10/07/24 09:29*	*10/08/24 18:50*	*1*
2-Fluorophenol (Surr)	*69*		*26 - 120*	*10/07/24 09:29*	*10/08/24 18:50*	*1*
2-Fluorobiphenyl (Surr)	*70*		*36 - 120*	*10/07/24 09:29*	*10/08/24 18:50*	*1*
2,4,6-Tribromophenol (Surr)	*78*		*10 - 120*	*10/07/24 09:29*	*10/08/24 18:50*	*1*

Method: SW846 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aroclor-1016	ND		72	36	ug/Kg	☼	10/07/24 09:33	10/07/24 20:31	1
Aroclor-1221	ND		72	43	ug/Kg	☼	10/07/24 09:33	10/07/24 20:31	1
Aroclor-1232	ND		72	30	ug/Kg	☼	10/07/24 09:33	10/07/24 20:31	1
Aroclor-1242	ND		72	27	ug/Kg	☼	10/07/24 09:33	10/07/24 20:31	1
Aroclor-1248	ND		72	24	ug/Kg	☼	10/07/24 09:33	10/07/24 20:31	1
Aroclor-1254	ND		72	30	ug/Kg	☼	10/07/24 09:33	10/07/24 20:31	1
Aroclor-1260	ND		72	30	ug/Kg	☼	10/07/24 09:33	10/07/24 20:31	1
Aroclor-1262	ND		72	32	ug/Kg	☼	10/07/24 09:33	10/07/24 20:31	1
Aroclor-1268	ND		72	23	ug/Kg	☼	10/07/24 09:33	10/07/24 20:31	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Tetrachloro-m-xylene	*76*		*10 - 149*	*10/07/24 09:33*	*10/07/24 20:31*	*1*
DCB Decachlorobiphenyl	*81*		*10 - 174*	*10/07/24 09:33*	*10/07/24 20:31*	*1*

Method: SW846 6010D - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	**13**		2.1	0.45	mg/Kg	☼	10/07/24 15:00	10/08/24 14:52	1

Client: August Mack Environmental, Inc.
Project/Site: MSC Canfield - Soil

Job ID: 240-212437-1

Client Sample ID: T1125-E-0.0
Date Collected: 10/03/24 14:35
Date Received: 10/04/24 16:30

Lab Sample ID: 240-212437-8
Matrix: Solid
Percent Solids: 68.7

Method: SW846 6010D - Metals (ICP) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Barium	69		29	0.18	mg/Kg	☼	10/07/24 15:00	10/08/24 14:52	1
Cadmium	0.32	J	0.71	0.068	mg/Kg	☼	10/07/24 15:00	10/08/24 14:52	1
Chromium	18		1.4	0.49	mg/Kg	☼	10/07/24 15:00	10/08/24 14:52	1
Copper	26		3.6	1.0	mg/Kg	☼	10/07/24 15:00	10/08/24 14:52	1
Lead	27		1.4	0.40	mg/Kg	☼	10/07/24 15:00	10/08/24 14:52	1
Selenium	0.70	J	2.9	0.67	mg/Kg	☼	10/07/24 15:00	10/08/24 14:52	1
Silver	ND		1.4	0.12	mg/Kg	☼	10/07/24 15:00	10/08/24 14:52	1
Zinc	630		7.1	5.2	mg/Kg	☼	10/07/24 15:00	10/08/24 14:52	1

Method: SW846 7471B - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.043	J	0.15	0.027	mg/Kg	☼	10/07/24 15:00	10/08/24 11:49	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cyanide, Total (SW846 9012B)	70		34	27	mg/Kg	☼	10/07/24 11:09	10/07/24 18:57	50

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Solids (EPA Moisture)	68.7		0.1	0.1	%			10/07/24 10:13	1
Percent Moisture (EPA Moisture)	31.3		0.1	0.1	%			10/07/24 10:13	1

Client: August Mack Environmental, Inc.
Project/Site: MSC Canfield - Soil

Job ID: 240-212437-1

Client Sample ID: T1125-C-0.0
Date Collected: 10/03/24 14:50
Date Received: 10/04/24 16:30

Lab Sample ID: 240-212437-9
Matrix: Solid
Percent Solids: 64.2

Method: SW846 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		7.7	2.7	ug/Kg	☼	10/05/24 12:52	10/05/24 18:57	1
1,1,2,2-Tetrachloroethane	ND		7.7	2.2	ug/Kg	☼	10/05/24 12:52	10/05/24 18:57	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		7.7	2.0	ug/Kg	☼	10/05/24 12:52	10/05/24 18:57	1
1,1,2-Trichloroethane	ND		7.7	1.8	ug/Kg	☼	10/05/24 12:52	10/05/24 18:57	1
1,1-Dichloroethane	ND		7.7	2.2	ug/Kg	☼	10/05/24 12:52	10/05/24 18:57	1
1,1-Dichloroethene	ND		7.7	2.8	ug/Kg	☼	10/05/24 12:52	10/05/24 18:57	1
1,2,4-Trichlorobenzene	ND		7.7	3.9	ug/Kg	☼	10/05/24 12:52	10/05/24 18:57	1
1,2-Dibromo-3-Chloropropane	ND		15	5.6	ug/Kg	☼	10/05/24 12:52	10/05/24 18:57	1
Ethylene Dibromide	ND		7.7	1.2	ug/Kg	☼	10/05/24 12:52	10/05/24 18:57	1
1,2-Dichlorobenzene	ND		7.7	1.7	ug/Kg	☼	10/05/24 12:52	10/05/24 18:57	1
1,2-Dichloroethane	ND		7.7	2.8	ug/Kg	☼	10/05/24 12:52	10/05/24 18:57	1
1,2-Dichloropropane	ND		7.7	1.3	ug/Kg	☼	10/05/24 12:52	10/05/24 18:57	1
1,3-Dichlorobenzene	ND		7.7	2.6	ug/Kg	☼	10/05/24 12:52	10/05/24 18:57	1
1,4-Dichlorobenzene	ND		7.7	1.4	ug/Kg	☼	10/05/24 12:52	10/05/24 18:57	1
2-Butanone (MEK)	ND		31	5.5	ug/Kg	☼	10/05/24 12:52	10/05/24 18:57	1
2-Hexanone	ND		31	6.3	ug/Kg	☼	10/05/24 12:52	10/05/24 18:57	1
4-Methyl-2-pentanone (MIBK)	ND		31	5.7	ug/Kg	☼	10/05/24 12:52	10/05/24 18:57	1
Acetone	ND		39	33	ug/Kg	☼	10/05/24 12:52	10/05/24 18:57	1
Benzene	ND		7.7	1.1	ug/Kg	☼	10/05/24 12:52	10/05/24 18:57	1
Dichlorobromomethane	ND		7.7	2.3	ug/Kg	☼	10/05/24 12:52	10/05/24 18:57	1
Bromoform	ND		7.7	3.7	ug/Kg	☼	10/05/24 12:52	10/05/24 18:57	1
Bromomethane	ND		7.7	6.4	ug/Kg	☼	10/05/24 12:52	10/05/24 18:57	1
Carbon disulfide	ND		7.7	1.8	ug/Kg	☼	10/05/24 12:52	10/05/24 18:57	1
Carbon tetrachloride	ND		7.7	5.0	ug/Kg	☼	10/05/24 12:52	10/05/24 18:57	1
Chlorobenzene	ND		7.7	1.4	ug/Kg	☼	10/05/24 12:52	10/05/24 18:57	1
Chloroethane	ND		7.7	4.2	ug/Kg	☼	10/05/24 12:52	10/05/24 18:57	1
Chloroform	ND		7.7	1.2	ug/Kg	☼	10/05/24 12:52	10/05/24 18:57	1
Chloromethane	ND		7.7	3.5	ug/Kg	☼	10/05/24 12:52	10/05/24 18:57	1
cis-1,2-Dichloroethene	ND		7.7	2.3	ug/Kg	☼	10/05/24 12:52	10/05/24 18:57	1
cis-1,3-Dichloropropene	ND		7.7	4.5	ug/Kg	☼	10/05/24 12:52	10/05/24 18:57	1
Cyclohexane	ND		15	2.1	ug/Kg	☼	10/05/24 12:52	10/05/24 18:57	1
Chlorodibromomethane	ND		7.7	4.3	ug/Kg	☼	10/05/24 12:52	10/05/24 18:57	1
Dichlorodifluoromethane	ND		7.7	3.5	ug/Kg	☼	10/05/24 12:52	10/05/24 18:57	1
Ethylbenzene	ND		7.7	1.6	ug/Kg	☼	10/05/24 12:52	10/05/24 18:57	1
Isopropylbenzene	ND		7.7	3.0	ug/Kg	☼	10/05/24 12:52	10/05/24 18:57	1
Methyl acetate	ND		39	5.3	ug/Kg	☼	10/05/24 12:52	10/05/24 18:57	1
Methyl tert-butyl ether	ND		7.7	3.1	ug/Kg	☼	10/05/24 12:52	10/05/24 18:57	1
Methylcyclohexane	ND		15	1.9	ug/Kg	☼	10/05/24 12:52	10/05/24 18:57	1
Methylene Chloride	ND		39	19	ug/Kg	☼	10/05/24 12:52	10/05/24 18:57	1
Styrene	ND		7.7	1.8	ug/Kg	☼	10/05/24 12:52	10/05/24 18:57	1
Tetrachloroethene	ND		7.7	6.0	ug/Kg	☼	10/05/24 12:52	10/05/24 18:57	1
Toluene	ND		7.7	1.2	ug/Kg	☼	10/05/24 12:52	10/05/24 18:57	1
trans-1,2-Dichloroethene	ND		7.7	2.2	ug/Kg	☼	10/05/24 12:52	10/05/24 18:57	1
trans-1,3-Dichloropropene	ND		7.7	5.7	ug/Kg	☼	10/05/24 12:52	10/05/24 18:57	1
Trichloroethene	ND		7.7	2.2	ug/Kg	☼	10/05/24 12:52	10/05/24 18:57	1
Trichlorofluoromethane	ND		7.7	4.2	ug/Kg	☼	10/05/24 12:52	10/05/24 18:57	1
Vinyl chloride	ND		7.7	2.7	ug/Kg	☼	10/05/24 12:52	10/05/24 18:57	1
Xylenes, Total	ND		15	2.5	ug/Kg	☼	10/05/24 12:52	10/05/24 18:57	1

Client Sample ID: T1125-C-0.0
Date Collected: 10/03/24 14:50
Date Received: 10/04/24 16:30

Lab Sample ID: 240-212437-9
Matrix: Solid
Percent Solids: 64.2

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
Toluene-d8 (Surr)	*105*		*56 - 125*	*10/05/24 12:52*	*10/05/24 18:57*	*1*
Dibromofluoromethane (Surr)	*99*		*41 - 138*	*10/05/24 12:52*	*10/05/24 18:57*	*1*
4-Bromofluorobenzene (Surr)	*96*		*41 - 143*	*10/05/24 12:52*	*10/05/24 18:57*	*1*
1,2-Dichloroethane-d4 (Surr)	*100*		*58 - 125*	*10/05/24 12:52*	*10/05/24 18:57*	*1*

Method: SW846 8270E - Semivolatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1'-Biphenyl	ND		160	44	ug/Kg	☼	10/07/24 09:29	10/08/24 15:59	1
bis (2-chloroisopropyl) ether	ND		160	41	ug/Kg	☼	10/07/24 09:29	10/08/24 15:59	1
2,4,5-Trichlorophenol	ND		230	52	ug/Kg	☼	10/07/24 09:29	10/08/24 15:59	1
2,4,6-Trichlorophenol	ND		230	45	ug/Kg	☼	10/07/24 09:29	10/08/24 15:59	1
2,4-Dichlorophenol	ND		230	42	ug/Kg	☼	10/07/24 09:29	10/08/24 15:59	1
2,4-Dimethylphenol	ND		230	56	ug/Kg	☼	10/07/24 09:29	10/08/24 15:59	1
2,4-Dinitrophenol	ND		520	270	ug/Kg	☼	10/07/24 09:29	10/08/24 15:59	1
2,4-Dinitrotoluene	ND		310	36	ug/Kg	☼	10/07/24 09:29	10/08/24 15:59	1
2,6-Dinitrotoluene	ND		310	56	ug/Kg	☼	10/07/24 09:29	10/08/24 15:59	1
2-Chloronaphthalene	ND		160	44	ug/Kg	☼	10/07/24 09:29	10/08/24 15:59	1
2-Chlorophenol	ND		160	41	ug/Kg	☼	10/07/24 09:29	10/08/24 15:59	1
2-Methylnaphthalene	**180**		63	20	ug/Kg	☼	10/07/24 09:29	10/08/24 15:59	1
2-Methylphenol	ND		310	64	ug/Kg	☼	10/07/24 09:29	10/08/24 15:59	1
2-Nitroaniline	ND		310	59	ug/Kg	☼	10/07/24 09:29	10/08/24 15:59	1
2-Nitrophenol	ND		160	55	ug/Kg	☼	10/07/24 09:29	10/08/24 15:59	1
3,3'-Dichlorobenzidine	ND		230	150	ug/Kg	☼	10/07/24 09:29	10/08/24 15:59	1
3-Nitroaniline	ND		310	55	ug/Kg	☼	10/07/24 09:29	10/08/24 15:59	1
4,6-Dinitro-2-methylphenol	ND		520	160	ug/Kg	☼	10/07/24 09:29	10/08/24 15:59	1
4-Bromophenyl phenyl ether	ND		160	50	ug/Kg	☼	10/07/24 09:29	10/08/24 15:59	1
4-Chloro-3-methylphenol	ND		230	59	ug/Kg	☼	10/07/24 09:29	10/08/24 15:59	1
4-Chloroaniline	ND		230	25	ug/Kg	☼	10/07/24 09:29	10/08/24 15:59	1
4-Chlorophenyl phenyl ether	ND		160	44	ug/Kg	☼	10/07/24 09:29	10/08/24 15:59	1
4-Nitroaniline	ND		310	41	ug/Kg	☼	10/07/24 09:29	10/08/24 15:59	1
4-Nitrophenol	ND		520	140	ug/Kg	☼	10/07/24 09:29	10/08/24 15:59	1
Acenaphthene	ND		63	22	ug/Kg	☼	10/07/24 09:29	10/08/24 15:59	1
Acenaphthylene	ND		63	23	ug/Kg	☼	10/07/24 09:29	10/08/24 15:59	1
Acetophenone	ND		160	39	ug/Kg	☼	10/07/24 09:29	10/08/24 15:59	1
Anthracene	**38**	**J**	63	19	ug/Kg	☼	10/07/24 09:29	10/08/24 15:59	1
Atrazine	ND		520	110	ug/Kg	☼	10/07/24 09:29	10/08/24 15:59	1
Benzaldehyde	ND		520	88	ug/Kg	☼	10/07/24 09:29	10/08/24 15:59	1
Benzo[a]anthracene	**220**		63	23	ug/Kg	☼	10/07/24 09:29	10/08/24 15:59	1
Benzo[a]pyrene	**310**		63	22	ug/Kg	☼	10/07/24 09:29	10/08/24 15:59	1
Benzo[b]fluoranthene	**640**		63	19	ug/Kg	☼	10/07/24 09:29	10/08/24 15:59	1
Benzo[g,h,i]perylene	**300**		63	42	ug/Kg	☼	10/07/24 09:29	10/08/24 15:59	1
Benzo[k]fluoranthene	**210**		63	16	ug/Kg	☼	10/07/24 09:29	10/08/24 15:59	1
Bis(2-chloroethoxy)methane	ND		160	31	ug/Kg	☼	10/07/24 09:29	10/08/24 15:59	1
Bis(2-chloroethyl)ether	ND		160	34	ug/Kg	☼	10/07/24 09:29	10/08/24 15:59	1
Bis(2-ethylhexyl) phthalate	ND		230	88	ug/Kg	☼	10/07/24 09:29	10/08/24 15:59	1
Butyl benzyl phthalate	ND		230	80	ug/Kg	☼	10/07/24 09:29	10/08/24 15:59	1
Caprolactam	ND		520	110	ug/Kg	☼	10/07/24 09:29	10/08/24 15:59	1
Carbazole	**59**	**J**	160	42	ug/Kg	☼	10/07/24 09:29	10/08/24 15:59	1
Chrysene	**460**		63	22	ug/Kg	☼	10/07/24 09:29	10/08/24 15:59	1
Dibenz(a,h)anthracene	**69**		63	23	ug/Kg	☼	10/07/24 09:29	10/08/24 15:59	1

Client Sample ID: T1125-C-0.0
Date Collected: 10/03/24 14:50
Date Received: 10/04/24 16:30

Lab Sample ID: 240-212437-9
Matrix: Solid
Percent Solids: 64.2

Method: SW846 8270E - Semivolatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Dibenzofuran	**48**	**J**	160	45	ug/Kg	☼	10/07/24 09:29	10/08/24 15:59	1
Diethyl phthalate	ND		230	67	ug/Kg	☼	10/07/24 09:29	10/08/24 15:59	1
Dimethyl phthalate	ND		230	63	ug/Kg	☼	10/07/24 09:29	10/08/24 15:59	1
Di-n-butyl phthalate	ND		230	80	ug/Kg	☼	10/07/24 09:29	10/08/24 15:59	1
Di-n-octyl phthalate	ND		230	78	ug/Kg	☼	10/07/24 09:29	10/08/24 15:59	1
Fluoranthene	**680**		63	22	ug/Kg	☼	10/07/24 09:29	10/08/24 15:59	1
Fluorene	ND		63	22	ug/Kg	☼	10/07/24 09:29	10/08/24 15:59	1
Hexachlorobenzene	ND		63	22	ug/Kg	☼	10/07/24 09:29	10/08/24 15:59	1
Hexachlorobutadiene	ND		160	33	ug/Kg	☼	10/07/24 09:29	10/08/24 15:59	1
Hexachlorocyclopentadiene	ND		520	61	ug/Kg	☼	10/07/24 09:29	10/08/24 15:59	1
Hexachloroethane	ND		160	50	ug/Kg	☼	10/07/24 09:29	10/08/24 15:59	1
Indeno[1,2,3-cd]pyrene	**240**		63	19	ug/Kg	☼	10/07/24 09:29	10/08/24 15:59	1
Isophorone	ND		160	41	ug/Kg	☼	10/07/24 09:29	10/08/24 15:59	1
N-Nitrosodi-n-propylamine	ND		160	58	ug/Kg	☼	10/07/24 09:29	10/08/24 15:59	1
N-Nitrosodiphenylamine	ND		160	42	ug/Kg	☼	10/07/24 09:29	10/08/24 15:59	1
Naphthalene	**140**		63	20	ug/Kg	☼	10/07/24 09:29	10/08/24 15:59	1
Nitrobenzene	ND		160	34	ug/Kg	☼	10/07/24 09:29	10/08/24 15:59	1
Pentachlorophenol	ND		420	160	ug/Kg	☼	10/07/24 09:29	10/08/24 15:59	1
Phenanthrene	**280**		63	20	ug/Kg	☼	10/07/24 09:29	10/08/24 15:59	1
Phenol	ND		160	59	ug/Kg	☼	10/07/24 09:29	10/08/24 15:59	1
Pyrene	**550**		63	25	ug/Kg	☼	10/07/24 09:29	10/08/24 15:59	1
3 & 4 Methylphenol	**350**	**J**	630	64	ug/Kg	☼	10/07/24 09:29	10/08/24 15:59	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Terphenyl-d14 (Surr)	*73*		*37 - 120*	*10/07/24 09:29*	*10/08/24 15:59*	*1*
Phenol-d5 (Surr)	*78*		*29 - 120*	*10/07/24 09:29*	*10/08/24 15:59*	*1*
Nitrobenzene-d5 (Surr)	*70*		*28 - 120*	*10/07/24 09:29*	*10/08/24 15:59*	*1*
2-Fluorophenol (Surr)	*75*		*26 - 120*	*10/07/24 09:29*	*10/08/24 15:59*	*1*
2-Fluorobiphenyl (Surr)	*79*		*36 - 120*	*10/07/24 09:29*	*10/08/24 15:59*	*1*
2,4,6-Tribromophenol (Surr)	*71*		*10 - 120*	*10/07/24 09:29*	*10/08/24 15:59*	*1*

Method: SW846 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aroclor-1016	ND		81	40	ug/Kg	☼	10/07/24 09:33	10/07/24 20:47	1
Aroclor-1221	ND		81	49	ug/Kg	☼	10/07/24 09:33	10/07/24 20:47	1
Aroclor-1232	ND		81	34	ug/Kg	☼	10/07/24 09:33	10/07/24 20:47	1
Aroclor-1242	ND		81	31	ug/Kg	☼	10/07/24 09:33	10/07/24 20:47	1
Aroclor-1248	ND		81	28	ug/Kg	☼	10/07/24 09:33	10/07/24 20:47	1
Aroclor-1254	ND		81	34	ug/Kg	☼	10/07/24 09:33	10/07/24 20:47	1
Aroclor-1260	ND		81	34	ug/Kg	☼	10/07/24 09:33	10/07/24 20:47	1
Aroclor-1262	ND		81	36	ug/Kg	☼	10/07/24 09:33	10/07/24 20:47	1
Aroclor-1268	ND		81	26	ug/Kg	☼	10/07/24 09:33	10/07/24 20:47	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Tetrachloro-m-xylene	*71*		*10 - 149*	*10/07/24 09:33*	*10/07/24 20:47*	*1*
DCB Decachlorobiphenyl	*79*		*10 - 174*	*10/07/24 09:33*	*10/07/24 20:47*	*1*

Method: SW846 6010D - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	**9.9**		2.2	0.47	mg/Kg	☼	10/07/24 15:00	10/08/24 15:01	1

Client: August Mack Environmental, Inc.
Project/Site: MSC Canfield - Soil

Job ID: 240-212437-1

Client Sample ID: T1125-C-0.0
Date Collected: 10/03/24 14:50
Date Received: 10/04/24 16:30

Lab Sample ID: 240-212437-9
Matrix: Solid
Percent Solids: 64.2

Method: SW846 6010D - Metals (ICP) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Barium	55		30	0.19	mg/Kg	☼	10/07/24 15:00	10/08/24 15:01	1
Cadmium	0.26	J	0.75	0.072	mg/Kg	☼	10/07/24 15:00	10/08/24 15:01	1
Chromium	14		1.5	0.51	mg/Kg	☼	10/07/24 15:00	10/08/24 15:01	1
Copper	3.3	J	3.7	1.0	mg/Kg	☼	10/07/24 15:00	10/08/24 15:01	1
Lead	21		1.5	0.42	mg/Kg	☼	10/07/24 15:00	10/08/24 15:01	1
Selenium	ND		3.0	0.70	mg/Kg	☼	10/07/24 15:00	10/08/24 15:01	1
Silver	ND		1.5	0.12	mg/Kg	☼	10/07/24 15:00	10/08/24 15:01	1
Zinc	4500		37	27	mg/Kg	☼	10/07/24 15:00	10/08/24 16:05	5

Method: SW846 7471B - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.030	J	0.16	0.029	mg/Kg	☼	10/07/24 15:00	10/08/24 11:51	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cyanide, Total (SW846 9012B)	570		41	32	mg/Kg	☼	10/07/24 11:09	10/07/24 19:48	50

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Solids (EPA Moisture)	64.2		0.1	0.1	%			10/07/24 10:13	1
Percent Moisture (EPA Moisture)	35.8		0.1	0.1	%			10/07/24 10:13	1

Client: August Mack Environmental, Inc.
Project/Site: MSC Canfield - Soil

Job ID: 240-212437-1

Client Sample ID: DUP3-20241003
Date Collected: 10/03/24 00:00
Date Received: 10/04/24 16:30

Lab Sample ID: 240-212437-10
Matrix: Solid
Percent Solids: 78.7

Method: SW846 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		5.9	2.1	ug/Kg	☼	10/05/24 12:52	10/05/24 19:17	1
1,1,2,2-Tetrachloroethane	ND		5.9	1.7	ug/Kg	☼	10/05/24 12:52	10/05/24 19:17	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		5.9	1.5	ug/Kg	☼	10/05/24 12:52	10/05/24 19:17	1
1,1,2-Trichloroethane	ND		5.9	1.3	ug/Kg	☼	10/05/24 12:52	10/05/24 19:17	1
1,1-Dichloroethane	ND		5.9	1.7	ug/Kg	☼	10/05/24 12:52	10/05/24 19:17	1
1,1-Dichloroethene	ND		5.9	2.1	ug/Kg	☼	10/05/24 12:52	10/05/24 19:17	1
1,2,4-Trichlorobenzene	ND		5.9	2.9	ug/Kg	☼	10/05/24 12:52	10/05/24 19:17	1
1,2-Dibromo-3-Chloropropane	ND		12	4.2	ug/Kg	☼	10/05/24 12:52	10/05/24 19:17	1
Ethylene Dibromide	ND		5.9	0.90	ug/Kg	☼	10/05/24 12:52	10/05/24 19:17	1
1,2-Dichlorobenzene	ND		5.9	1.3	ug/Kg	☼	10/05/24 12:52	10/05/24 19:17	1
1,2-Dichloroethane	ND		5.9	2.1	ug/Kg	☼	10/05/24 12:52	10/05/24 19:17	1
1,2-Dichloropropane	ND		5.9	1.0	ug/Kg	☼	10/05/24 12:52	10/05/24 19:17	1
1,3-Dichlorobenzene	ND		5.9	1.9	ug/Kg	☼	10/05/24 12:52	10/05/24 19:17	1
1,4-Dichlorobenzene	ND		5.9	1.0	ug/Kg	☼	10/05/24 12:52	10/05/24 19:17	1
2-Butanone (MEK)	ND		23	4.2	ug/Kg	☼	10/05/24 12:52	10/05/24 19:17	1
2-Hexanone	ND		23	4.8	ug/Kg	☼	10/05/24 12:52	10/05/24 19:17	1
4-Methyl-2-pentanone (MIBK)	ND		23	4.3	ug/Kg	☼	10/05/24 12:52	10/05/24 19:17	1
Acetone	ND		29	25	ug/Kg	☼	10/05/24 12:52	10/05/24 19:17	1
Benzene	ND		5.9	0.82	ug/Kg	☼	10/05/24 12:52	10/05/24 19:17	1
Dichlorobromomethane	ND		5.9	1.8	ug/Kg	☼	10/05/24 12:52	10/05/24 19:17	1
Bromoform	ND		5.9	2.8	ug/Kg	☼	10/05/24 12:52	10/05/24 19:17	1
Bromomethane	ND		5.9	4.9	ug/Kg	☼	10/05/24 12:52	10/05/24 19:17	1
Carbon disulfide	ND		5.9	1.4	ug/Kg	☼	10/05/24 12:52	10/05/24 19:17	1
Carbon tetrachloride	ND		5.9	3.8	ug/Kg	☼	10/05/24 12:52	10/05/24 19:17	1
Chlorobenzene	ND		5.9	1.1	ug/Kg	☼	10/05/24 12:52	10/05/24 19:17	1
Chloroethane	ND		5.9	3.2	ug/Kg	☼	10/05/24 12:52	10/05/24 19:17	1
Chloroform	ND		5.9	0.92	ug/Kg	☼	10/05/24 12:52	10/05/24 19:17	1
Chloromethane	ND		5.9	2.7	ug/Kg	☼	10/05/24 12:52	10/05/24 19:17	1
cis-1,2-Dichloroethene	ND		5.9	1.7	ug/Kg	☼	10/05/24 12:52	10/05/24 19:17	1
cis-1,3-Dichloropropene	ND		5.9	3.4	ug/Kg	☼	10/05/24 12:52	10/05/24 19:17	1
Cyclohexane	ND		12	1.6	ug/Kg	☼	10/05/24 12:52	10/05/24 19:17	1
Chlorodibromomethane	ND		5.9	3.3	ug/Kg	☼	10/05/24 12:52	10/05/24 19:17	1
Dichlorodifluoromethane	ND		5.9	2.6	ug/Kg	☼	10/05/24 12:52	10/05/24 19:17	1
Ethylbenzene	ND		5.9	1.2	ug/Kg	☼	10/05/24 12:52	10/05/24 19:17	1
Isopropylbenzene	ND		5.9	2.2	ug/Kg	☼	10/05/24 12:52	10/05/24 19:17	1
Methyl acetate	ND		29	4.0	ug/Kg	☼	10/05/24 12:52	10/05/24 19:17	1
Methyl tert-butyl ether	ND		5.9	2.3	ug/Kg	☼	10/05/24 12:52	10/05/24 19:17	1
Methylcyclohexane	ND		12	1.4	ug/Kg	☼	10/05/24 12:52	10/05/24 19:17	1
Methylene Chloride	ND		29	14	ug/Kg	☼	10/05/24 12:52	10/05/24 19:17	1
Styrene	ND		5.9	1.4	ug/Kg	☼	10/05/24 12:52	10/05/24 19:17	1
Tetrachloroethene	ND		5.9	4.5	ug/Kg	☼	10/05/24 12:52	10/05/24 19:17	1
Toluene	ND		5.9	0.90	ug/Kg	☼	10/05/24 12:52	10/05/24 19:17	1
trans-1,2-Dichloroethene	ND		5.9	1.7	ug/Kg	☼	10/05/24 12:52	10/05/24 19:17	1
trans-1,3-Dichloropropene	ND		5.9	4.3	ug/Kg	☼	10/05/24 12:52	10/05/24 19:17	1
Trichloroethene	ND		5.9	1.7	ug/Kg	☼	10/05/24 12:52	10/05/24 19:17	1
Trichlorofluoromethane	ND		5.9	3.1	ug/Kg	☼	10/05/24 12:52	10/05/24 19:17	1
Vinyl chloride	ND		5.9	2.1	ug/Kg	☼	10/05/24 12:52	10/05/24 19:17	1
Xylenes, Total	ND		12	1.9	ug/Kg	☼	10/05/24 12:52	10/05/24 19:17	1

Client Sample ID: DUP3-20241003
Date Collected: 10/03/24 00:00
Date Received: 10/04/24 16:30

Lab Sample ID: 240-212437-10
Matrix: Solid
Percent Solids: 78.7

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Toluene-d8 (Surr)	*103*		*56 - 125*	*10/05/24 12:52*	*10/05/24 19:17*	*1*
Dibromofluoromethane (Surr)	*93*		*41 - 138*	*10/05/24 12:52*	*10/05/24 19:17*	*1*
4-Bromofluorobenzene (Surr)	*99*		*41 - 143*	*10/05/24 12:52*	*10/05/24 19:17*	*1*
1,2-Dichloroethane-d4 (Surr)	*100*		*58 - 125*	*10/05/24 12:52*	*10/05/24 19:17*	*1*

Method: SW846 8270E - Semivolatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1'-Biphenyl	ND		130	36	ug/Kg	☼	10/07/24 09:29	10/08/24 19:14	1
bis (2-chloroisopropyl) ether	ND		130	33	ug/Kg	☼	10/07/24 09:29	10/08/24 19:14	1
2,4,5-Trichlorophenol	ND		190	42	ug/Kg	☼	10/07/24 09:29	10/08/24 19:14	1
2,4,6-Trichlorophenol	ND		190	37	ug/Kg	☼	10/07/24 09:29	10/08/24 19:14	1
2,4-Dichlorophenol	ND		190	34	ug/Kg	☼	10/07/24 09:29	10/08/24 19:14	1
2,4-Dimethylphenol	ND		190	46	ug/Kg	☼	10/07/24 09:29	10/08/24 19:14	1
2,4-Dinitrophenol	ND		420	220	ug/Kg	☼	10/07/24 09:29	10/08/24 19:14	1
2,4-Dinitrotoluene	ND		250	29	ug/Kg	☼	10/07/24 09:29	10/08/24 19:14	1
2,6-Dinitrotoluene	ND		250	46	ug/Kg	☼	10/07/24 09:29	10/08/24 19:14	1
2-Chloronaphthalene	ND		130	36	ug/Kg	☼	10/07/24 09:29	10/08/24 19:14	1
2-Chlorophenol	ND		130	33	ug/Kg	☼	10/07/24 09:29	10/08/24 19:14	1
2-Methylnaphthalene	**67**		51	17	ug/Kg	☼	10/07/24 09:29	10/08/24 19:14	1
2-Methylphenol	ND		250	52	ug/Kg	☼	10/07/24 09:29	10/08/24 19:14	1
2-Nitroaniline	ND		250	48	ug/Kg	☼	10/07/24 09:29	10/08/24 19:14	1
2-Nitrophenol	ND		130	45	ug/Kg	☼	10/07/24 09:29	10/08/24 19:14	1
3,3'-Dichlorobenzidine	ND		190	120	ug/Kg	☼	10/07/24 09:29	10/08/24 19:14	1
3-Nitroaniline	ND		250	45	ug/Kg	☼	10/07/24 09:29	10/08/24 19:14	1
4,6-Dinitro-2-methylphenol	ND		420	130	ug/Kg	☼	10/07/24 09:29	10/08/24 19:14	1
4-Bromophenyl phenyl ether	ND		130	41	ug/Kg	☼	10/07/24 09:29	10/08/24 19:14	1
4-Chloro-3-methylphenol	ND		190	48	ug/Kg	☼	10/07/24 09:29	10/08/24 19:14	1
4-Chloroaniline	ND		190	20	ug/Kg	☼	10/07/24 09:29	10/08/24 19:14	1
4-Chlorophenyl phenyl ether	ND		130	36	ug/Kg	☼	10/07/24 09:29	10/08/24 19:14	1
4-Nitroaniline	ND		250	33	ug/Kg	☼	10/07/24 09:29	10/08/24 19:14	1
4-Nitrophenol	ND		420	110	ug/Kg	☼	10/07/24 09:29	10/08/24 19:14	1
Acenaphthene	ND		51	18	ug/Kg	☼	10/07/24 09:29	10/08/24 19:14	1
Acenaphthylene	ND		51	19	ug/Kg	☼	10/07/24 09:29	10/08/24 19:14	1
Acetophenone	ND		130	32	ug/Kg	☼	10/07/24 09:29	10/08/24 19:14	1
Anthracene	**25**	**J**	51	15	ug/Kg	☼	10/07/24 09:29	10/08/24 19:14	1
Atrazine	ND		420	88	ug/Kg	☼	10/07/24 09:29	10/08/24 19:14	1
Benzaldehyde	ND		420	71	ug/Kg	☼	10/07/24 09:29	10/08/24 19:14	1
Benzo[a]anthracene	**140**		51	19	ug/Kg	☼	10/07/24 09:29	10/08/24 19:14	1
Benzo[a]pyrene	**230**		51	18	ug/Kg	☼	10/07/24 09:29	10/08/24 19:14	1
Benzo[b]fluoranthene	**440**		51	15	ug/Kg	☼	10/07/24 09:29	10/08/24 19:14	1
Benzo[g,h,i]perylene	**180**		51	34	ug/Kg	☼	10/07/24 09:29	10/08/24 19:14	1
Benzo[k]fluoranthene	**140**		51	13	ug/Kg	☼	10/07/24 09:29	10/08/24 19:14	1
Bis(2-chloroethoxy)methane	ND		130	25	ug/Kg	☼	10/07/24 09:29	10/08/24 19:14	1
Bis(2-chloroethyl)ether	ND		130	28	ug/Kg	☼	10/07/24 09:29	10/08/24 19:14	1
Bis(2-ethylhexyl) phthalate	ND		190	71	ug/Kg	☼	10/07/24 09:29	10/08/24 19:14	1
Butyl benzyl phthalate	ND		190	65	ug/Kg	☼	10/07/24 09:29	10/08/24 19:14	1
Caprolactam	ND		420	88	ug/Kg	☼	10/07/24 09:29	10/08/24 19:14	1
Carbazole	**40**	**J**	130	34	ug/Kg	☼	10/07/24 09:29	10/08/24 19:14	1
Chrysene	**290**		51	18	ug/Kg	☼	10/07/24 09:29	10/08/24 19:14	1
Dibenz(a,h)anthracene	**50**	**J**	51	19	ug/Kg	☼	10/07/24 09:29	10/08/24 19:14	1

Client Sample ID: DUP3-20241003
Date Collected: 10/03/24 00:00
Date Received: 10/04/24 16:30

Lab Sample ID: 240-212437-10
Matrix: Solid
Percent Solids: 78.7

Method: SW846 8270E - Semivolatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Dibenzofuran	ND		130	37	ug/Kg	☼	10/07/24 09:29	10/08/24 19:14	1
Diethyl phthalate	ND		190	55	ug/Kg	☼	10/07/24 09:29	10/08/24 19:14	1
Dimethyl phthalate	ND		190	51	ug/Kg	☼	10/07/24 09:29	10/08/24 19:14	1
Di-n-butyl phthalate	ND		190	65	ug/Kg	☼	10/07/24 09:29	10/08/24 19:14	1
Di-n-octyl phthalate	ND		190	64	ug/Kg	☼	10/07/24 09:29	10/08/24 19:14	1
Fluoranthene	**470**		51	18	ug/Kg	☼	10/07/24 09:29	10/08/24 19:14	1
Fluorene	ND		51	18	ug/Kg	☼	10/07/24 09:29	10/08/24 19:14	1
Hexachlorobenzene	ND		51	18	ug/Kg	☼	10/07/24 09:29	10/08/24 19:14	1
Hexachlorobutadiene	ND		130	27	ug/Kg	☼	10/07/24 09:29	10/08/24 19:14	1
Hexachlorocyclopentadiene	ND		420	50	ug/Kg	☼	10/07/24 09:29	10/08/24 19:14	1
Hexachloroethane	ND		130	41	ug/Kg	☼	10/07/24 09:29	10/08/24 19:14	1
Indeno[1,2,3-cd]pyrene	**170**		51	15	ug/Kg	☼	10/07/24 09:29	10/08/24 19:14	1
Isophorone	ND		130	33	ug/Kg	☼	10/07/24 09:29	10/08/24 19:14	1
N-Nitrosodi-n-propylamine	ND		130	47	ug/Kg	☼	10/07/24 09:29	10/08/24 19:14	1
N-Nitrosodiphenylamine	ND		130	34	ug/Kg	☼	10/07/24 09:29	10/08/24 19:14	1
Naphthalene	**47**	**J**	51	17	ug/Kg	☼	10/07/24 09:29	10/08/24 19:14	1
Nitrobenzene	ND		130	28	ug/Kg	☼	10/07/24 09:29	10/08/24 19:14	1
Pentachlorophenol	ND		340	130	ug/Kg	☼	10/07/24 09:29	10/08/24 19:14	1
Phenanthrene	**160**		51	17	ug/Kg	☼	10/07/24 09:29	10/08/24 19:14	1
Phenol	**51**	**J**	130	48	ug/Kg	☼	10/07/24 09:29	10/08/24 19:14	1
Pyrene	**370**		51	20	ug/Kg	☼	10/07/24 09:29	10/08/24 19:14	1
3 & 4 Methylphenol	**1500**		510	52	ug/Kg	☼	10/07/24 09:29	10/08/24 19:14	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Terphenyl-d14 (Surr)	*71*		*37 - 120*	*10/07/24 09:29*	*10/08/24 19:14*	*1*
Phenol-d5 (Surr)	*78*		*29 - 120*	*10/07/24 09:29*	*10/08/24 19:14*	*1*
Nitrobenzene-d5 (Surr)	*27*	*S1-*	*28 - 120*	*10/07/24 09:29*	*10/08/24 19:14*	*1*
2-Fluorophenol (Surr)	*76*		*26 - 120*	*10/07/24 09:29*	*10/08/24 19:14*	*1*
2-Fluorobiphenyl (Surr)	*81*		*36 - 120*	*10/07/24 09:29*	*10/08/24 19:14*	*1*
2,4,6-Tribromophenol (Surr)	*56*		*10 - 120*	*10/07/24 09:29*	*10/08/24 19:14*	*1*

Method: SW846 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aroclor-1016	ND		63	31	ug/Kg	☼	10/07/24 09:33	10/07/24 21:03	1
Aroclor-1221	ND		63	38	ug/Kg	☼	10/07/24 09:33	10/07/24 21:03	1
Aroclor-1232	ND		63	26	ug/Kg	☼	10/07/24 09:33	10/07/24 21:03	1
Aroclor-1242	ND		63	24	ug/Kg	☼	10/07/24 09:33	10/07/24 21:03	1
Aroclor-1248	ND		63	21	ug/Kg	☼	10/07/24 09:33	10/07/24 21:03	1
Aroclor-1254	ND		63	26	ug/Kg	☼	10/07/24 09:33	10/07/24 21:03	1
Aroclor-1260	ND		63	26	ug/Kg	☼	10/07/24 09:33	10/07/24 21:03	1
Aroclor-1262	ND		63	28	ug/Kg	☼	10/07/24 09:33	10/07/24 21:03	1
Aroclor-1268	ND		63	20	ug/Kg	☼	10/07/24 09:33	10/07/24 21:03	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Tetrachloro-m-xylene	*63*		*10 - 149*	*10/07/24 09:33*	*10/07/24 21:03*	*1*
DCB Decachlorobiphenyl	*79*		*10 - 174*	*10/07/24 09:33*	*10/07/24 21:03*	*1*

Method: SW846 6010D - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	**11**		1.6	0.33	mg/Kg	☼	10/07/24 15:00	10/08/24 15:06	1

Client: August Mack Environmental, Inc.
Project/Site: MSC Canfield - Soil

Job ID: 240-212437-1

Client Sample ID: DUP3-20241003
Date Collected: 10/03/24 00:00
Date Received: 10/04/24 16:30

Lab Sample ID: 240-212437-10
Matrix: Solid
Percent Solids: 78.7

Method: SW846 6010D - Metals (ICP) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Barium	45		21	0.13	mg/Kg	☼	10/07/24 15:00	10/08/24 15:06	1
Cadmium	0.23	J	0.52	0.050	mg/Kg	☼	10/07/24 15:00	10/08/24 15:06	1
Chromium	10		1.0	0.36	mg/Kg	☼	10/07/24 15:00	10/08/24 15:06	1
Copper	14		2.6	0.73	mg/Kg	☼	10/07/24 15:00	10/08/24 15:06	1
Lead	18		1.0	0.29	mg/Kg	☼	10/07/24 15:00	10/08/24 15:06	1
Selenium	0.54	J	2.1	0.49	mg/Kg	☼	10/07/24 15:00	10/08/24 15:06	1
Silver	ND		1.0	0.084	mg/Kg	☼	10/07/24 15:00	10/08/24 15:06	1
Zinc	740		5.2	3.8	mg/Kg	☼	10/07/24 15:00	10/08/24 15:06	1

Method: SW846 7471B - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	ND		0.13	0.023	mg/Kg	☼	10/07/24 15:00	10/08/24 11:53	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cyanide, Total (SW846 9012B)	140		28	23	mg/Kg	☼	10/07/24 11:09	10/07/24 19:05	50

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Solids (EPA Moisture)	78.7		0.1	0.1	%			10/07/24 10:13	1
Percent Moisture (EPA Moisture)	21.3		0.1	0.1	%			10/07/24 10:13	1

Client: August Mack Environmental, Inc.
Project/Site: MSC Canfield - Soil

Job ID: 240-212437-1

Client Sample ID: TB3-20241003
Date Collected: 10/03/24 00:00
Date Received: 10/04/24 16:30

Lab Sample ID: 240-212437-11
Matrix: Water

Method: SW846 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		1.0	0.48	ug/L			10/05/24 17:41	1
1,1,2,2-Tetrachloroethane	ND		1.0	0.60	ug/L			10/05/24 17:41	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		1.0	0.41	ug/L			10/05/24 17:41	1
1,1,2-Trichloroethane	ND		1.0	0.48	ug/L			10/05/24 17:41	1
1,1-Dichloroethane	ND		1.0	0.47	ug/L			10/05/24 17:41	1
1,1-Dichloroethene	ND		1.0	0.49	ug/L			10/05/24 17:41	1
1,2,4-Trichlorobenzene	ND		1.0	0.77	ug/L			10/05/24 17:41	1
1,2-Dibromo-3-Chloropropane	ND		2.0	0.91	ug/L			10/05/24 17:41	1
Ethylene Dibromide	ND		1.0	0.41	ug/L			10/05/24 17:41	1
1,2-Dichlorobenzene	ND		1.0	0.48	ug/L			10/05/24 17:41	1
1,2-Dichloroethane	ND		1.0	0.46	ug/L			10/05/24 17:41	1
1,2-Dichloropropane	ND		1.0	0.47	ug/L			10/05/24 17:41	1
1,3-Dichlorobenzene	ND		1.0	0.45	ug/L			10/05/24 17:41	1
1,4-Dichlorobenzene	ND		1.0	0.41	ug/L			10/05/24 17:41	1
2-Butanone (MEK)	ND		10	1.2	ug/L			10/05/24 17:41	1
2-Hexanone	ND		10	1.1	ug/L			10/05/24 17:41	1
4-Methyl-2-pentanone (MIBK)	ND		10	0.99	ug/L			10/05/24 17:41	1
Acetone	ND		10	5.4	ug/L			10/05/24 17:41	1
Benzene	ND		1.0	0.42	ug/L			10/05/24 17:41	1
Dichlorobromomethane	ND		1.0	0.38	ug/L			10/05/24 17:41	1
Bromoform	ND		1.0	0.76	ug/L			10/05/24 17:41	1
Bromomethane	ND		1.0	0.42	ug/L			10/05/24 17:41	1
Carbon disulfide	ND		1.0	0.59	ug/L			10/05/24 17:41	1
Carbon tetrachloride	ND		1.0	0.26	ug/L			10/05/24 17:41	1
Chlorobenzene	ND		1.0	0.38	ug/L			10/05/24 17:41	1
Chloroethane	ND		1.0	0.83	ug/L			10/05/24 17:41	1
Chloroform	ND		1.0	0.47	ug/L			10/05/24 17:41	1
Chloromethane	ND		1.0	0.63	ug/L			10/05/24 17:41	1
cis-1,2-Dichloroethene	ND		1.0	0.46	ug/L			10/05/24 17:41	1
cis-1,3-Dichloropropene	ND		1.0	0.61	ug/L			10/05/24 17:41	1
Cyclohexane	ND		1.0	0.48	ug/L			10/05/24 17:41	1
Chlorodibromomethane	ND		1.0	0.39	ug/L			10/05/24 17:41	1
Dichlorodifluoromethane	ND		1.0	0.35	ug/L			10/05/24 17:41	1
Ethylbenzene	ND		1.0	0.42	ug/L			10/05/24 17:41	1
Isopropylbenzene	ND		1.0	0.49	ug/L			10/05/24 17:41	1
Methyl acetate	ND		10	1.7	ug/L			10/05/24 17:41	1
Methyl tert-butyl ether	ND		1.0	0.47	ug/L			10/05/24 17:41	1
Methylcyclohexane	ND		1.0	0.33	ug/L			10/05/24 17:41	1
Methylene Chloride	ND		5.0	2.6	ug/L			10/05/24 17:41	1
Styrene	ND		1.0	0.45	ug/L			10/05/24 17:41	1
Tetrachloroethene	ND		1.0	0.44	ug/L			10/05/24 17:41	1
Toluene	ND		1.0	0.44	ug/L			10/05/24 17:41	1
trans-1,2-Dichloroethene	ND		1.0	0.51	ug/L			10/05/24 17:41	1
trans-1,3-Dichloropropene	ND		1.0	0.67	ug/L			10/05/24 17:41	1
Trichloroethene	ND		1.0	0.44	ug/L			10/05/24 17:41	1
Trichlorofluoromethane	ND		1.0	0.45	ug/L			10/05/24 17:41	1
Vinyl chloride	ND		1.0	0.45	ug/L			10/05/24 17:41	1
Xylenes, Total	ND		2.0	0.42	ug/L			10/05/24 17:41	1

Client: August Mack Environmental, Inc.
Project/Site: MSC Canfield - Soil

Job ID: 240-212437-1

Client Sample ID: TB3-20241003
Date Collected: 10/03/24 00:00
Date Received: 10/04/24 16:30

Lab Sample ID: 240-212437-11
Matrix: Water

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
Toluene-d8 (Surr)	96		78 - 122		10/05/24 17:41	1
Dibromofluoromethane (Surr)	129	S1+	73 - 120		10/05/24 17:41	1
4-Bromofluorobenzene (Surr)	89		56 - 136		10/05/24 17:41	1
1,2-Dichloroethane-d4 (Surr)	133		62 - 137		10/05/24 17:41	1

Client: August Mack Environmental, Inc.
Project/Site: MSC Canfield - Soil

Job ID: 240-212437-1

Client Sample ID: T125-E-2.0
Date Collected: 10/03/24 15:40
Date Received: 10/04/24 16:30

Lab Sample ID: 240-212437-12
Matrix: Solid
Percent Solids: 77.6

Method: SW846 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		6.4	2.3	ug/Kg	☼	10/05/24 12:52	10/05/24 19:37	1
1,1,2,2-Tetrachloroethane	ND		6.4	1.8	ug/Kg	☼	10/05/24 12:52	10/05/24 19:37	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		6.4	1.6	ug/Kg	☼	10/05/24 12:52	10/05/24 19:37	1
1,1,2-Trichloroethane	ND		6.4	1.5	ug/Kg	☼	10/05/24 12:52	10/05/24 19:37	1
1,1-Dichloroethane	ND		6.4	1.8	ug/Kg	☼	10/05/24 12:52	10/05/24 19:37	1
1,1-Dichloroethene	ND		6.4	2.3	ug/Kg	☼	10/05/24 12:52	10/05/24 19:37	1
1,2,4-Trichlorobenzene	ND		6.4	3.2	ug/Kg	☼	10/05/24 12:52	10/05/24 19:37	1
1,2-Dibromo-3-Chloropropane	ND		13	4.6	ug/Kg	☼	10/05/24 12:52	10/05/24 19:37	1
Ethylene Dibromide	ND		6.4	0.99	ug/Kg	☼	10/05/24 12:52	10/05/24 19:37	1
1,2-Dichlorobenzene	ND		6.4	1.4	ug/Kg	☼	10/05/24 12:52	10/05/24 19:37	1
1,2-Dichloroethane	ND		6.4	2.3	ug/Kg	☼	10/05/24 12:52	10/05/24 19:37	1
1,2-Dichloropropane	ND		6.4	1.1	ug/Kg	☼	10/05/24 12:52	10/05/24 19:37	1
1,3-Dichlorobenzene	ND		6.4	2.1	ug/Kg	☼	10/05/24 12:52	10/05/24 19:37	1
1,4-Dichlorobenzene	ND		6.4	1.1	ug/Kg	☼	10/05/24 12:52	10/05/24 19:37	1
2-Butanone (MEK)	**9.7**	**J**	26	4.6	ug/Kg	☼	10/05/24 12:52	10/05/24 19:37	1
2-Hexanone	ND		26	5.3	ug/Kg	☼	10/05/24 12:52	10/05/24 19:37	1
4-Methyl-2-pentanone (MIBK)	ND		26	4.8	ug/Kg	☼	10/05/24 12:52	10/05/24 19:37	1
Acetone	**46**		32	27	ug/Kg	☼	10/05/24 12:52	10/05/24 19:37	1
Benzene	ND		6.4	0.90	ug/Kg	☼	10/05/24 12:52	10/05/24 19:37	1
Dichlorobromomethane	ND		6.4	1.9	ug/Kg	☼	10/05/24 12:52	10/05/24 19:37	1
Bromoform	ND		6.4	3.1	ug/Kg	☼	10/05/24 12:52	10/05/24 19:37	1
Bromomethane	ND		6.4	5.3	ug/Kg	☼	10/05/24 12:52	10/05/24 19:37	1
Carbon disulfide	ND		6.4	1.5	ug/Kg	☼	10/05/24 12:52	10/05/24 19:37	1
Carbon tetrachloride	ND		6.4	4.2	ug/Kg	☼	10/05/24 12:52	10/05/24 19:37	1
Chlorobenzene	ND		6.4	1.2	ug/Kg	☼	10/05/24 12:52	10/05/24 19:37	1
Chloroethane	ND		6.4	3.5	ug/Kg	☼	10/05/24 12:52	10/05/24 19:37	1
Chloroform	ND		6.4	1.0	ug/Kg	☼	10/05/24 12:52	10/05/24 19:37	1
Chloromethane	ND		6.4	2.9	ug/Kg	☼	10/05/24 12:52	10/05/24 19:37	1
cis-1,2-Dichloroethene	ND		6.4	1.9	ug/Kg	☼	10/05/24 12:52	10/05/24 19:37	1
cis-1,3-Dichloropropene	ND		6.4	3.7	ug/Kg	☼	10/05/24 12:52	10/05/24 19:37	1
Cyclohexane	ND		13	1.8	ug/Kg	☼	10/05/24 12:52	10/05/24 19:37	1
Chlorodibromomethane	ND		6.4	3.6	ug/Kg	☼	10/05/24 12:52	10/05/24 19:37	1
Dichlorodifluoromethane	ND		6.4	2.9	ug/Kg	☼	10/05/24 12:52	10/05/24 19:37	1
Ethylbenzene	ND		6.4	1.3	ug/Kg	☼	10/05/24 12:52	10/05/24 19:37	1
Isopropylbenzene	ND		6.4	2.5	ug/Kg	☼	10/05/24 12:52	10/05/24 19:37	1
Methyl acetate	ND		32	4.4	ug/Kg	☼	10/05/24 12:52	10/05/24 19:37	1
Methyl tert-butyl ether	ND		6.4	2.5	ug/Kg	☼	10/05/24 12:52	10/05/24 19:37	1
Methylcyclohexane	ND		13	1.6	ug/Kg	☼	10/05/24 12:52	10/05/24 19:37	1
Methylene Chloride	ND		32	15	ug/Kg	☼	10/05/24 12:52	10/05/24 19:37	1
Styrene	ND		6.4	1.5	ug/Kg	☼	10/05/24 12:52	10/05/24 19:37	1
Tetrachloroethene	ND		6.4	5.0	ug/Kg	☼	10/05/24 12:52	10/05/24 19:37	1
Toluene	ND		6.4	0.99	ug/Kg	☼	10/05/24 12:52	10/05/24 19:37	1
trans-1,2-Dichloroethene	ND		6.4	1.8	ug/Kg	☼	10/05/24 12:52	10/05/24 19:37	1
trans-1,3-Dichloropropene	ND		6.4	4.8	ug/Kg	☼	10/05/24 12:52	10/05/24 19:37	1
Trichloroethene	ND		6.4	1.8	ug/Kg	☼	10/05/24 12:52	10/05/24 19:37	1
Trichlorofluoromethane	ND		6.4	3.5	ug/Kg	☼	10/05/24 12:52	10/05/24 19:37	1
Vinyl chloride	ND		6.4	2.3	ug/Kg	☼	10/05/24 12:52	10/05/24 19:37	1
Xylenes, Total	ND		13	2.0	ug/Kg	☼	10/05/24 12:52	10/05/24 19:37	1

Client Sample ID: T125-E-2.0
Date Collected: 10/03/24 15:40
Date Received: 10/04/24 16:30

Lab Sample ID: 240-212437-12
Matrix: Solid
Percent Solids: 77.6

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Toluene-d8 (Surr)	*104*		*56 - 125*	*10/05/24 12:52*	*10/05/24 19:37*	*1*
Dibromofluoromethane (Surr)	*92*		*41 - 138*	*10/05/24 12:52*	*10/05/24 19:37*	*1*
4-Bromofluorobenzene (Surr)	*96*		*41 - 143*	*10/05/24 12:52*	*10/05/24 19:37*	*1*
1,2-Dichloroethane-d4 (Surr)	*100*		*58 - 125*	*10/05/24 12:52*	*10/05/24 19:37*	*1*

Method: SW846 8270E - Semivolatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1'-Biphenyl	ND		130	36	ug/Kg	☼	10/07/24 09:29	10/08/24 16:48	1
bis (2-chloroisopropyl) ether	ND		130	33	ug/Kg	☼	10/07/24 09:29	10/08/24 16:48	1
2,4,5-Trichlorophenol	ND		190	43	ug/Kg	☼	10/07/24 09:29	10/08/24 16:48	1
2,4,6-Trichlorophenol	ND		190	37	ug/Kg	☼	10/07/24 09:29	10/08/24 16:48	1
2,4-Dichlorophenol	ND		190	35	ug/Kg	☼	10/07/24 09:29	10/08/24 16:48	1
2,4-Dimethylphenol	ND		190	46	ug/Kg	☼	10/07/24 09:29	10/08/24 16:48	1
2,4-Dinitrophenol	ND		430	220	ug/Kg	☼	10/07/24 09:29	10/08/24 16:48	1
2,4-Dinitrotoluene	ND		260	30	ug/Kg	☼	10/07/24 09:29	10/08/24 16:48	1
2,6-Dinitrotoluene	ND		260	46	ug/Kg	☼	10/07/24 09:29	10/08/24 16:48	1
2-Chloronaphthalene	ND		130	36	ug/Kg	☼	10/07/24 09:29	10/08/24 16:48	1
2-Chlorophenol	ND		130	33	ug/Kg	☼	10/07/24 09:29	10/08/24 16:48	1
2-Methylnaphthalene	**140**		52	17	ug/Kg	☼	10/07/24 09:29	10/08/24 16:48	1
2-Methylphenol	ND		260	53	ug/Kg	☼	10/07/24 09:29	10/08/24 16:48	1
2-Nitroaniline	ND		260	49	ug/Kg	☼	10/07/24 09:29	10/08/24 16:48	1
2-Nitrophenol	ND		130	45	ug/Kg	☼	10/07/24 09:29	10/08/24 16:48	1
3,3'-Dichlorobenzidine	ND		190	120	ug/Kg	☼	10/07/24 09:29	10/08/24 16:48	1
3-Nitroaniline	ND		260	45	ug/Kg	☼	10/07/24 09:29	10/08/24 16:48	1
4,6-Dinitro-2-methylphenol	ND		430	130	ug/Kg	☼	10/07/24 09:29	10/08/24 16:48	1
4-Bromophenyl phenyl ether	ND		130	41	ug/Kg	☼	10/07/24 09:29	10/08/24 16:48	1
4-Chloro-3-methylphenol	ND		190	49	ug/Kg	☼	10/07/24 09:29	10/08/24 16:48	1
4-Chloroaniline	ND		190	21	ug/Kg	☼	10/07/24 09:29	10/08/24 16:48	1
4-Chlorophenyl phenyl ether	ND		130	36	ug/Kg	☼	10/07/24 09:29	10/08/24 16:48	1
4-Nitroaniline	ND		260	33	ug/Kg	☼	10/07/24 09:29	10/08/24 16:48	1
4-Nitrophenol	ND		430	120	ug/Kg	☼	10/07/24 09:29	10/08/24 16:48	1
Acenaphthene	**300**		52	18	ug/Kg	☼	10/07/24 09:29	10/08/24 16:48	1
Acenaphthylene	**41**	**J**	52	19	ug/Kg	☼	10/07/24 09:29	10/08/24 16:48	1
Acetophenone	ND		130	32	ug/Kg	☼	10/07/24 09:29	10/08/24 16:48	1
Anthracene	**630**		52	15	ug/Kg	☼	10/07/24 09:29	10/08/24 16:48	1
Atrazine	ND		430	89	ug/Kg	☼	10/07/24 09:29	10/08/24 16:48	1
Benzaldehyde	ND		430	72	ug/Kg	☼	10/07/24 09:29	10/08/24 16:48	1
Benzo[a]anthracene	**1300**		52	19	ug/Kg	☼	10/07/24 09:29	10/08/24 16:48	1
Benzo[a]pyrene	**1300**		52	18	ug/Kg	☼	10/07/24 09:29	10/08/24 16:48	1
Benzo[b]fluoranthene	**1800**		52	15	ug/Kg	☼	10/07/24 09:29	10/08/24 16:48	1
Benzo[g,h,i]perylene	**800**		52	35	ug/Kg	☼	10/07/24 09:29	10/08/24 16:48	1
Benzo[k]fluoranthene	**640**		52	13	ug/Kg	☼	10/07/24 09:29	10/08/24 16:48	1
Bis(2-chloroethoxy)methane	ND		130	26	ug/Kg	☼	10/07/24 09:29	10/08/24 16:48	1
Bis(2-chloroethyl)ether	ND		130	28	ug/Kg	☼	10/07/24 09:29	10/08/24 16:48	1
Bis(2-ethylhexyl) phthalate	**330**		190	72	ug/Kg	☼	10/07/24 09:29	10/08/24 16:48	1
Butyl benzyl phthalate	ND		190	66	ug/Kg	☼	10/07/24 09:29	10/08/24 16:48	1
Caprolactam	ND		430	89	ug/Kg	☼	10/07/24 09:29	10/08/24 16:48	1
Carbazole	**360**		130	35	ug/Kg	☼	10/07/24 09:29	10/08/24 16:48	1
Chrysene	**1500**		52	18	ug/Kg	☼	10/07/24 09:29	10/08/24 16:48	1
Dibenz(a,h)anthracene	**190**		52	19	ug/Kg	☼	10/07/24 09:29	10/08/24 16:48	1

Client Sample ID: T125-E-2.0
Date Collected: 10/03/24 15:40
Date Received: 10/04/24 16:30

Lab Sample ID: 240-212437-12
Matrix: Solid
Percent Solids: 77.6

Method: SW846 8270E - Semivolatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Dibenzofuran	**210**		130	37	ug/Kg	☼	10/07/24 09:29	10/08/24 16:48	1
Diethyl phthalate	**130**	**J**	190	55	ug/Kg	☼	10/07/24 09:29	10/08/24 16:48	1
Dimethyl phthalate	ND		190	52	ug/Kg	☼	10/07/24 09:29	10/08/24 16:48	1
Di-n-butyl phthalate	ND		190	66	ug/Kg	☼	10/07/24 09:29	10/08/24 16:48	1
Di-n-octyl phthalate	ND		190	64	ug/Kg	☼	10/07/24 09:29	10/08/24 16:48	1
Fluoranthene	**3200**		52	18	ug/Kg	☼	10/07/24 09:29	10/08/24 16:48	1
Fluorene	**310**		52	18	ug/Kg	☼	10/07/24 09:29	10/08/24 16:48	1
Hexachlorobenzene	ND		52	18	ug/Kg	☼	10/07/24 09:29	10/08/24 16:48	1
Hexachlorobutadiene	ND		130	27	ug/Kg	☼	10/07/24 09:29	10/08/24 16:48	1
Hexachlorocyclopentadiene	ND		430	50	ug/Kg	☼	10/07/24 09:29	10/08/24 16:48	1
Hexachloroethane	ND		130	41	ug/Kg	☼	10/07/24 09:29	10/08/24 16:48	1
Indeno[1,2,3-cd]pyrene	**690**		52	15	ug/Kg	☼	10/07/24 09:29	10/08/24 16:48	1
Isophorone	ND		130	33	ug/Kg	☼	10/07/24 09:29	10/08/24 16:48	1
N-Nitrosodi-n-propylamine	ND		130	48	ug/Kg	☼	10/07/24 09:29	10/08/24 16:48	1
N-Nitrosodiphenylamine	ND		130	35	ug/Kg	☼	10/07/24 09:29	10/08/24 16:48	1
Naphthalene	**160**		52	17	ug/Kg	☼	10/07/24 09:29	10/08/24 16:48	1
Nitrobenzene	ND		130	28	ug/Kg	☼	10/07/24 09:29	10/08/24 16:48	1
Pentachlorophenol	ND		350	140	ug/Kg	☼	10/07/24 09:29	10/08/24 16:48	1
Phenanthrene	**2400**		52	17	ug/Kg	☼	10/07/24 09:29	10/08/24 16:48	1
Phenol	ND		130	49	ug/Kg	☼	10/07/24 09:29	10/08/24 16:48	1
Pyrene	**2500**		52	21	ug/Kg	☼	10/07/24 09:29	10/08/24 16:48	1
3 & 4 Methylphenol	ND		520	53	ug/Kg	☼	10/07/24 09:29	10/08/24 16:48	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Terphenyl-d14 (Surr)	*67*		*37 - 120*	*10/07/24 09:29*	*10/08/24 16:48*	*1*
Phenol-d5 (Surr)	*73*		*29 - 120*	*10/07/24 09:29*	*10/08/24 16:48*	*1*
Nitrobenzene-d5 (Surr)	*52*		*28 - 120*	*10/07/24 09:29*	*10/08/24 16:48*	*1*
2-Fluorophenol (Surr)	*72*		*26 - 120*	*10/07/24 09:29*	*10/08/24 16:48*	*1*
2-Fluorobiphenyl (Surr)	*73*		*36 - 120*	*10/07/24 09:29*	*10/08/24 16:48*	*1*
2,4,6-Tribromophenol (Surr)	*63*		*10 - 120*	*10/07/24 09:29*	*10/08/24 16:48*	*1*

Method: SW846 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aroclor-1016	ND		64	32	ug/Kg	☼	10/07/24 09:33	10/07/24 21:34	1
Aroclor-1221	ND		64	38	ug/Kg	☼	10/07/24 09:33	10/07/24 21:34	1
Aroclor-1232	ND		64	27	ug/Kg	☼	10/07/24 09:33	10/07/24 21:34	1
Aroclor-1242	ND		64	24	ug/Kg	☼	10/07/24 09:33	10/07/24 21:34	1
Aroclor-1248	ND		64	22	ug/Kg	☼	10/07/24 09:33	10/07/24 21:34	1
Aroclor-1254	ND		64	27	ug/Kg	☼	10/07/24 09:33	10/07/24 21:34	1
Aroclor-1260	ND		64	27	ug/Kg	☼	10/07/24 09:33	10/07/24 21:34	1
Aroclor-1262	ND		64	28	ug/Kg	☼	10/07/24 09:33	10/07/24 21:34	1
Aroclor-1268	ND		64	20	ug/Kg	☼	10/07/24 09:33	10/07/24 21:34	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Tetrachloro-m-xylene	*44*		*10 - 149*	*10/07/24 09:33*	*10/07/24 21:34*	*1*
DCB Decachlorobiphenyl	*58*		*10 - 174*	*10/07/24 09:33*	*10/07/24 21:34*	*1*

Method: SW846 6010D - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	**12**		1.7	0.36	mg/Kg	☼	10/07/24 15:00	10/08/24 15:10	1

Client: August Mack Environmental, Inc.
Job ID: 240-212437-1
Project/Site: MSC Canfield - Soil

Client Sample ID: T125-E-2.0
Lab Sample ID: 240-212437-12
Date Collected: 10/03/24 15:40
Matrix: Solid
Date Received: 10/04/24 16:30
Percent Solids: 77.6

Method: SW846 6010D - Metals (ICP) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Barium	84		23	0.14	mg/Kg	☼	10/07/24 15:00	10/08/24 15:10	1
Cadmium	1.2		0.58	0.055	mg/Kg	☼	10/07/24 15:00	10/08/24 15:10	1
Chromium	22		1.2	0.39	mg/Kg	☼	10/07/24 15:00	10/08/24 15:10	1
Copper	22		2.9	0.81	mg/Kg	☼	10/07/24 15:00	10/08/24 15:10	1
Lead	44		1.2	0.32	mg/Kg	☼	10/07/24 15:00	10/08/24 15:10	1
Selenium	0.91	J	2.3	0.54	mg/Kg	☼	10/07/24 15:00	10/08/24 15:10	1
Silver	1.4		1.2	0.093	mg/Kg	☼	10/07/24 15:00	10/08/24 15:10	1
Zinc	850		5.8	4.2	mg/Kg	☼	10/07/24 15:00	10/08/24 15:10	1

Method: SW846 7471B - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.029	J	0.13	0.024	mg/Kg	☼	10/07/24 15:00	10/08/24 11:54	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cyanide, Total (SW846 9012B)	14	F2	5.8	4.6	mg/Kg	☼	10/07/24 11:09	10/07/24 19:11	10

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Solids (EPA Moisture)	77.6		0.1	0.1	%			10/07/24 10:13	1
Percent Moisture (EPA Moisture)	22.4		0.1	0.1	%			10/07/24 10:13	1

Client: August Mack Environmental, Inc.
Project/Site: MSC Canfield - Soil

Job ID: 240-212437-1

Client Sample ID: T125-W-2.0
Date Collected: 10/04/24 11:04
Date Received: 10/04/24 16:30

Lab Sample ID: 240-212437-13
Matrix: Solid
Percent Solids: 78.4

Method: SW846 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		6.3	2.2	ug/Kg	☼	10/05/24 12:52	10/05/24 19:57	1
1,1,2,2-Tetrachloroethane	ND		6.3	1.8	ug/Kg	☼	10/05/24 12:52	10/05/24 19:57	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		6.3	1.6	ug/Kg	☼	10/05/24 12:52	10/05/24 19:57	1
1,1,2-Trichloroethane	ND		6.3	1.4	ug/Kg	☼	10/05/24 12:52	10/05/24 19:57	1
1,1-Dichloroethane	ND		6.3	1.8	ug/Kg	☼	10/05/24 12:52	10/05/24 19:57	1
1,1-Dichloroethene	ND		6.3	2.3	ug/Kg	☼	10/05/24 12:52	10/05/24 19:57	1
1,2,4-Trichlorobenzene	ND		6.3	3.1	ug/Kg	☼	10/05/24 12:52	10/05/24 19:57	1
1,2-Dibromo-3-Chloropropane	ND		13	4.5	ug/Kg	☼	10/05/24 12:52	10/05/24 19:57	1
Ethylene Dibromide	ND		6.3	0.97	ug/Kg	☼	10/05/24 12:52	10/05/24 19:57	1
1,2-Dichlorobenzene	ND		6.3	1.4	ug/Kg	☼	10/05/24 12:52	10/05/24 19:57	1
1,2-Dichloroethane	ND		6.3	2.3	ug/Kg	☼	10/05/24 12:52	10/05/24 19:57	1
1,2-Dichloropropane	ND		6.3	1.1	ug/Kg	☼	10/05/24 12:52	10/05/24 19:57	1
1,3-Dichlorobenzene	ND		6.3	2.1	ug/Kg	☼	10/05/24 12:52	10/05/24 19:57	1
1,4-Dichlorobenzene	ND		6.3	1.1	ug/Kg	☼	10/05/24 12:52	10/05/24 19:57	1
2-Butanone (MEK)	ND		25	4.5	ug/Kg	☼	10/05/24 12:52	10/05/24 19:57	1
2-Hexanone	ND		25	5.1	ug/Kg	☼	10/05/24 12:52	10/05/24 19:57	1
4-Methyl-2-pentanone (MIBK)	ND		25	4.7	ug/Kg	☼	10/05/24 12:52	10/05/24 19:57	1
Acetone	ND		31	26	ug/Kg	☼	10/05/24 12:52	10/05/24 19:57	1
Benzene	ND		6.3	0.88	ug/Kg	☼	10/05/24 12:52	10/05/24 19:57	1
Dichlorobromomethane	ND		6.3	1.9	ug/Kg	☼	10/05/24 12:52	10/05/24 19:57	1
Bromoform	ND		6.3	3.0	ug/Kg	☼	10/05/24 12:52	10/05/24 19:57	1
Bromomethane	ND		6.3	5.2	ug/Kg	☼	10/05/24 12:52	10/05/24 19:57	1
Carbon disulfide	ND		6.3	1.5	ug/Kg	☼	10/05/24 12:52	10/05/24 19:57	1
Carbon tetrachloride	ND		6.3	4.1	ug/Kg	☼	10/05/24 12:52	10/05/24 19:57	1
Chlorobenzene	ND		6.3	1.2	ug/Kg	☼	10/05/24 12:52	10/05/24 19:57	1
Chloroethane	ND		6.3	3.4	ug/Kg	☼	10/05/24 12:52	10/05/24 19:57	1
Chloroform	ND		6.3	0.99	ug/Kg	☼	10/05/24 12:52	10/05/24 19:57	1
Chloromethane	ND		6.3	2.9	ug/Kg	☼	10/05/24 12:52	10/05/24 19:57	1
cis-1,2-Dichloroethene	ND		6.3	1.9	ug/Kg	☼	10/05/24 12:52	10/05/24 19:57	1
cis-1,3-Dichloropropene	ND		6.3	3.6	ug/Kg	☼	10/05/24 12:52	10/05/24 19:57	1
Cyclohexane	ND		13	1.7	ug/Kg	☼	10/05/24 12:52	10/05/24 19:57	1
Chlorodibromomethane	ND		6.3	3.5	ug/Kg	☼	10/05/24 12:52	10/05/24 19:57	1
Dichlorodifluoromethane	ND		6.3	2.8	ug/Kg	☼	10/05/24 12:52	10/05/24 19:57	1
Ethylbenzene	ND		6.3	1.3	ug/Kg	☼	10/05/24 12:52	10/05/24 19:57	1
Isopropylbenzene	ND		6.3	2.4	ug/Kg	☼	10/05/24 12:52	10/05/24 19:57	1
Methyl acetate	ND		31	4.3	ug/Kg	☼	10/05/24 12:52	10/05/24 19:57	1
Methyl tert-butyl ether	ND		6.3	2.5	ug/Kg	☼	10/05/24 12:52	10/05/24 19:57	1
Methylcyclohexane	ND		13	1.5	ug/Kg	☼	10/05/24 12:52	10/05/24 19:57	1
Methylene Chloride	ND		31	15	ug/Kg	☼	10/05/24 12:52	10/05/24 19:57	1
Styrene	ND		6.3	1.5	ug/Kg	☼	10/05/24 12:52	10/05/24 19:57	1
Tetrachloroethene	ND		6.3	4.9	ug/Kg	☼	10/05/24 12:52	10/05/24 19:57	1
Toluene	ND		6.3	0.97	ug/Kg	☼	10/05/24 12:52	10/05/24 19:57	1
trans-1,2-Dichloroethene	ND		6.3	1.8	ug/Kg	☼	10/05/24 12:52	10/05/24 19:57	1
trans-1,3-Dichloropropene	ND		6.3	4.7	ug/Kg	☼	10/05/24 12:52	10/05/24 19:57	1
Trichloroethene	ND		6.3	1.8	ug/Kg	☼	10/05/24 12:52	10/05/24 19:57	1
Trichlorofluoromethane	ND		6.3	3.4	ug/Kg	☼	10/05/24 12:52	10/05/24 19:57	1
Vinyl chloride	ND		6.3	2.2	ug/Kg	☼	10/05/24 12:52	10/05/24 19:57	1
Xylenes, Total	ND		13	2.0	ug/Kg	☼	10/05/24 12:52	10/05/24 19:57	1

Client: August Mack Environmental, Inc.
Project/Site: MSC Canfield - Soil

Job ID: 240-212437-1

Client Sample ID: T125-W-2.0
Date Collected: 10/04/24 11:04
Date Received: 10/04/24 16:30

Lab Sample ID: 240-212437-13
Matrix: Solid
Percent Solids: 78.4

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
Toluene-d8 (Surr)	*95*		*56 - 125*	*10/05/24 12:52*	*10/05/24 19:57*	*1*
Dibromofluoromethane (Surr)	*90*		*41 - 138*	*10/05/24 12:52*	*10/05/24 19:57*	*1*
4-Bromofluorobenzene (Surr)	*96*		*41 - 143*	*10/05/24 12:52*	*10/05/24 19:57*	*1*
1,2-Dichloroethane-d4 (Surr)	*99*		*58 - 125*	*10/05/24 12:52*	*10/05/24 19:57*	*1*

Method: SW846 8270E - Semivolatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1'-Biphenyl	ND		130	35	ug/Kg	☼	10/07/24 09:29	10/08/24 17:12	1
bis (2-chloroisopropyl) ether	ND		130	33	ug/Kg	☼	10/07/24 09:29	10/08/24 17:12	1
2,4,5-Trichlorophenol	ND		190	41	ug/Kg	☼	10/07/24 09:29	10/08/24 17:12	1
2,4,6-Trichlorophenol	ND		190	36	ug/Kg	☼	10/07/24 09:29	10/08/24 17:12	1
2,4-Dichlorophenol	ND		190	34	ug/Kg	☼	10/07/24 09:29	10/08/24 17:12	1
2,4-Dimethylphenol	ND		190	45	ug/Kg	☼	10/07/24 09:29	10/08/24 17:12	1
2,4-Dinitrophenol	ND		410	210	ug/Kg	☼	10/07/24 09:29	10/08/24 17:12	1
2,4-Dinitrotoluene	ND		250	29	ug/Kg	☼	10/07/24 09:29	10/08/24 17:12	1
2,6-Dinitrotoluene	ND		250	45	ug/Kg	☼	10/07/24 09:29	10/08/24 17:12	1
2-Chloronaphthalene	ND		130	35	ug/Kg	☼	10/07/24 09:29	10/08/24 17:12	1
2-Chlorophenol	ND		130	33	ug/Kg	☼	10/07/24 09:29	10/08/24 17:12	1
2-Methylnaphthalene	**43**	**J**	50	16	ug/Kg	☼	10/07/24 09:29	10/08/24 17:12	1
2-Methylphenol	ND		250	52	ug/Kg	☼	10/07/24 09:29	10/08/24 17:12	1
2-Nitroaniline	ND		250	48	ug/Kg	☼	10/07/24 09:29	10/08/24 17:12	1
2-Nitrophenol	ND		130	44	ug/Kg	☼	10/07/24 09:29	10/08/24 17:12	1
3,3'-Dichlorobenzidine	ND		190	120	ug/Kg	☼	10/07/24 09:29	10/08/24 17:12	1
3-Nitroaniline	ND		250	44	ug/Kg	☼	10/07/24 09:29	10/08/24 17:12	1
4,6-Dinitro-2-methylphenol	ND		410	130	ug/Kg	☼	10/07/24 09:29	10/08/24 17:12	1
4-Bromophenyl phenyl ether	ND		130	40	ug/Kg	☼	10/07/24 09:29	10/08/24 17:12	1
4-Chloro-3-methylphenol	ND		190	48	ug/Kg	☼	10/07/24 09:29	10/08/24 17:12	1
4-Chloroaniline	ND		190	20	ug/Kg	☼	10/07/24 09:29	10/08/24 17:12	1
4-Chlorophenyl phenyl ether	ND		130	35	ug/Kg	☼	10/07/24 09:29	10/08/24 17:12	1
4-Nitroaniline	ND		250	33	ug/Kg	☼	10/07/24 09:29	10/08/24 17:12	1
4-Nitrophenol	ND		410	110	ug/Kg	☼	10/07/24 09:29	10/08/24 17:12	1
Acenaphthene	**61**		50	18	ug/Kg	☼	10/07/24 09:29	10/08/24 17:12	1
Acenaphthylene	**25**	**J**	50	19	ug/Kg	☼	10/07/24 09:29	10/08/24 17:12	1
Acetophenone	ND		130	31	ug/Kg	☼	10/07/24 09:29	10/08/24 17:12	1
Anthracene	**170**		50	15	ug/Kg	☼	10/07/24 09:29	10/08/24 17:12	1
Atrazine	ND		410	87	ug/Kg	☼	10/07/24 09:29	10/08/24 17:12	1
Benzaldehyde	ND		410	70	ug/Kg	☼	10/07/24 09:29	10/08/24 17:12	1
Benzo[a]anthracene	**420**		50	19	ug/Kg	☼	10/07/24 09:29	10/08/24 17:12	1
Benzo[a]pyrene	**430**		50	18	ug/Kg	☼	10/07/24 09:29	10/08/24 17:12	1
Benzo[b]fluoranthene	**580**		50	15	ug/Kg	☼	10/07/24 09:29	10/08/24 17:12	1
Benzo[g,h,i]perylene	**270**		50	34	ug/Kg	☼	10/07/24 09:29	10/08/24 17:12	1
Benzo[k]fluoranthene	**230**		50	13	ug/Kg	☼	10/07/24 09:29	10/08/24 17:12	1
Bis(2-chloroethoxy)methane	ND		130	25	ug/Kg	☼	10/07/24 09:29	10/08/24 17:12	1
Bis(2-chloroethyl)ether	ND		130	28	ug/Kg	☼	10/07/24 09:29	10/08/24 17:12	1
Bis(2-ethylhexyl) phthalate	ND		190	70	ug/Kg	☼	10/07/24 09:29	10/08/24 17:12	1
Butyl benzyl phthalate	ND		190	64	ug/Kg	☼	10/07/24 09:29	10/08/24 17:12	1
Caprolactam	ND		410	87	ug/Kg	☼	10/07/24 09:29	10/08/24 17:12	1
Carbazole	**93**	**J**	130	34	ug/Kg	☼	10/07/24 09:29	10/08/24 17:12	1
Chrysene	**460**		50	18	ug/Kg	☼	10/07/24 09:29	10/08/24 17:12	1
Dibenz(a,h)anthracene	**81**		50	19	ug/Kg	☼	10/07/24 09:29	10/08/24 17:12	1

Client Sample ID: T125-W-2.0
Date Collected: 10/04/24 11:04
Date Received: 10/04/24 16:30

Lab Sample ID: 240-212437-13
Matrix: Solid
Percent Solids: 78.4

Method: SW846 8270E - Semivolatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Dibenzofuran	**38**	**J**	130	36	ug/Kg	☼	10/07/24 09:29	10/08/24 17:12	1
Diethyl phthalate	ND		190	54	ug/Kg	☼	10/07/24 09:29	10/08/24 17:12	1
Dimethyl phthalate	ND		190	50	ug/Kg	☼	10/07/24 09:29	10/08/24 17:12	1
Di-n-butyl phthalate	ND		190	64	ug/Kg	☼	10/07/24 09:29	10/08/24 17:12	1
Di-n-octyl phthalate	ND		190	63	ug/Kg	☼	10/07/24 09:29	10/08/24 17:12	1
Fluoranthene	**970**		50	18	ug/Kg	☼	10/07/24 09:29	10/08/24 17:12	1
Fluorene	**60**		50	18	ug/Kg	☼	10/07/24 09:29	10/08/24 17:12	1
Hexachlorobenzene	ND		50	18	ug/Kg	☼	10/07/24 09:29	10/08/24 17:12	1
Hexachlorobutadiene	ND		130	26	ug/Kg	☼	10/07/24 09:29	10/08/24 17:12	1
Hexachlorocyclopentadiene	ND		410	49	ug/Kg	☼	10/07/24 09:29	10/08/24 17:12	1
Hexachloroethane	ND		130	40	ug/Kg	☼	10/07/24 09:29	10/08/24 17:12	1
Indeno[1,2,3-cd]pyrene	**220**		50	15	ug/Kg	☼	10/07/24 09:29	10/08/24 17:12	1
Isophorone	ND		130	33	ug/Kg	☼	10/07/24 09:29	10/08/24 17:12	1
N-Nitrosodi-n-propylamine	ND		130	46	ug/Kg	☼	10/07/24 09:29	10/08/24 17:12	1
N-Nitrosodiphenylamine	ND		130	34	ug/Kg	☼	10/07/24 09:29	10/08/24 17:12	1
Naphthalene	**51**		50	16	ug/Kg	☼	10/07/24 09:29	10/08/24 17:12	1
Nitrobenzene	ND		130	28	ug/Kg	☼	10/07/24 09:29	10/08/24 17:12	1
Pentachlorophenol	ND		340	130	ug/Kg	☼	10/07/24 09:29	10/08/24 17:12	1
Phenanthrene	**540**		50	16	ug/Kg	☼	10/07/24 09:29	10/08/24 17:12	1
Phenol	**58**	**J**	130	48	ug/Kg	☼	10/07/24 09:29	10/08/24 17:12	1
Pyrene	**770**		50	20	ug/Kg	☼	10/07/24 09:29	10/08/24 17:12	1
3 & 4 Methylphenol	**400**	**J**	500	52	ug/Kg	☼	10/07/24 09:29	10/08/24 17:12	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Terphenyl-d14 (Surr)	*64*		*37 - 120*	*10/07/24 09:29*	*10/08/24 17:12*	*1*
Phenol-d5 (Surr)	*74*		*29 - 120*	*10/07/24 09:29*	*10/08/24 17:12*	*1*
Nitrobenzene-d5 (Surr)	*48*		*28 - 120*	*10/07/24 09:29*	*10/08/24 17:12*	*1*
2-Fluorophenol (Surr)	*72*		*26 - 120*	*10/07/24 09:29*	*10/08/24 17:12*	*1*
2-Fluorobiphenyl (Surr)	*74*		*36 - 120*	*10/07/24 09:29*	*10/08/24 17:12*	*1*
2,4,6-Tribromophenol (Surr)	*61*		*10 - 120*	*10/07/24 09:29*	*10/08/24 17:12*	*1*

Method: SW846 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aroclor-1016	ND		65	33	ug/Kg	☼	10/07/24 09:33	10/07/24 21:49	1
Aroclor-1221	ND		65	39	ug/Kg	☼	10/07/24 09:33	10/07/24 21:49	1
Aroclor-1232	ND		65	27	ug/Kg	☼	10/07/24 09:33	10/07/24 21:49	1
Aroclor-1242	ND		65	25	ug/Kg	☼	10/07/24 09:33	10/07/24 21:49	1
Aroclor-1248	**80**		65	22	ug/Kg	☼	10/07/24 09:33	10/07/24 21:49	1
Aroclor-1254	ND		65	27	ug/Kg	☼	10/07/24 09:33	10/07/24 21:49	1
Aroclor-1260	ND		65	27	ug/Kg	☼	10/07/24 09:33	10/07/24 21:49	1
Aroclor-1262	ND		65	29	ug/Kg	☼	10/07/24 09:33	10/07/24 21:49	1
Aroclor-1268	ND		65	21	ug/Kg	☼	10/07/24 09:33	10/07/24 21:49	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Tetrachloro-m-xylene	*67*		*10 - 149*	*10/07/24 09:33*	*10/07/24 21:49*	*1*
DCB Decachlorobiphenyl	*78*		*10 - 174*	*10/07/24 09:33*	*10/07/24 21:49*	*1*

Method: SW846 6010D - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	**9.4**		1.7	0.35	mg/Kg	☼	10/07/24 15:00	10/08/24 15:24	1

Client: August Mack Environmental, Inc.
Project/Site: MSC Canfield - Soil

Job ID: 240-212437-1

Client Sample ID: T125-W-2.0
Date Collected: 10/04/24 11:04
Date Received: 10/04/24 16:30

Lab Sample ID: 240-212437-13
Matrix: Solid
Percent Solids: 78.4

Method: SW846 6010D - Metals (ICP) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Barium	100		22	0.14	mg/Kg	☼	10/07/24 15:00	10/08/24 15:24	1
Cadmium	1.9		0.56	0.054	mg/Kg	☼	10/07/24 15:00	10/08/24 15:24	1
Chromium	22		1.1	0.38	mg/Kg	☼	10/07/24 15:00	10/08/24 15:24	1
Copper	20		2.8	0.78	mg/Kg	☼	10/07/24 15:00	10/08/24 15:24	1
Lead	63		1.1	0.32	mg/Kg	☼	10/07/24 15:00	10/08/24 15:24	1
Selenium	1.1	J	2.2	0.52	mg/Kg	☼	10/07/24 15:00	10/08/24 15:24	1
Silver	2.4		1.1	0.091	mg/Kg	☼	10/07/24 15:00	10/08/24 15:24	1
Zinc	510		5.6	4.1	mg/Kg	☼	10/07/24 15:00	10/08/24 15:24	1

Method: SW846 7471B - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.030	J	0.14	0.025	mg/Kg	☼	10/07/24 15:00	10/08/24 11:56	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cyanide, Total (SW846 9012B)	63		30	23	mg/Kg	☼	10/07/24 11:09	10/07/24 19:24	50

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Solids (EPA Moisture)	78.4		0.1	0.1	%			10/07/24 10:13	1
Percent Moisture (EPA Moisture)	21.6		0.1	0.1	%			10/07/24 10:13	1

Client: August Mack Environmental, Inc.
Project/Site: MSC Canfield - Soil

Job ID: 240-212437-1

Client Sample ID: T250-E-2.0
Date Collected: 10/04/24 11:30
Date Received: 10/04/24 16:30

Lab Sample ID: 240-212437-14
Matrix: Solid
Percent Solids: 76.8

Method: SW846 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		6.5	2.3	ug/Kg	☼	10/07/24 08:25	10/07/24 09:49	1
1,1,2,2-Tetrachloroethane	ND		6.5	1.9	ug/Kg	☼	10/07/24 08:25	10/07/24 09:49	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		6.5	1.7	ug/Kg	☼	10/07/24 08:25	10/07/24 09:49	1
1,1,2-Trichloroethane	ND		6.5	1.5	ug/Kg	☼	10/07/24 08:25	10/07/24 09:49	1
1,1-Dichloroethane	ND		6.5	1.8	ug/Kg	☼	10/07/24 08:25	10/07/24 09:49	1
1,1-Dichloroethene	ND		6.5	2.4	ug/Kg	☼	10/07/24 08:25	10/07/24 09:49	1
1,2,4-Trichlorobenzene	ND		6.5	3.2	ug/Kg	☼	10/07/24 08:25	10/07/24 09:49	1
1,2-Dibromo-3-Chloropropane	ND		13	4.7	ug/Kg	☼	10/07/24 08:25	10/07/24 09:49	1
Ethylene Dibromide	ND		6.5	1.0	ug/Kg	☼	10/07/24 08:25	10/07/24 09:49	1
1,2-Dichlorobenzene	ND		6.5	1.4	ug/Kg	☼	10/07/24 08:25	10/07/24 09:49	1
1,2-Dichloroethane	ND		6.5	2.3	ug/Kg	☼	10/07/24 08:25	10/07/24 09:49	1
1,2-Dichloropropane	ND		6.5	1.1	ug/Kg	☼	10/07/24 08:25	10/07/24 09:49	1
1,3-Dichlorobenzene	ND		6.5	2.1	ug/Kg	☼	10/07/24 08:25	10/07/24 09:49	1
1,4-Dichlorobenzene	ND		6.5	1.1	ug/Kg	☼	10/07/24 08:25	10/07/24 09:49	1
2-Butanone (MEK)	**6.7**	**J**	26	4.6	ug/Kg	☼	10/07/24 08:25	10/07/24 09:49	1
2-Hexanone	ND		26	5.3	ug/Kg	☼	10/07/24 08:25	10/07/24 09:49	1
4-Methyl-2-pentanone (MIBK)	ND		26	4.8	ug/Kg	☼	10/07/24 08:25	10/07/24 09:49	1
Acetone	**33**		32	27	ug/Kg	☼	10/07/24 08:25	10/07/24 09:49	1
Benzene	ND		6.5	0.90	ug/Kg	☼	10/07/24 08:25	10/07/24 09:49	1
Dichlorobromomethane	ND		6.5	1.9	ug/Kg	☼	10/07/24 08:25	10/07/24 09:49	1
Bromoform	ND		6.5	3.1	ug/Kg	☼	10/07/24 08:25	10/07/24 09:49	1
Bromomethane	ND		6.5	5.4	ug/Kg	☼	10/07/24 08:25	10/07/24 09:49	1
Carbon disulfide	ND		6.5	1.5	ug/Kg	☼	10/07/24 08:25	10/07/24 09:49	1
Carbon tetrachloride	ND		6.5	4.2	ug/Kg	☼	10/07/24 08:25	10/07/24 09:49	1
Chlorobenzene	ND		6.5	1.2	ug/Kg	☼	10/07/24 08:25	10/07/24 09:49	1
Chloroethane	ND		6.5	3.5	ug/Kg	☼	10/07/24 08:25	10/07/24 09:49	1
Chloroform	ND		6.5	1.0	ug/Kg	☼	10/07/24 08:25	10/07/24 09:49	1
Chloromethane	ND		6.5	3.0	ug/Kg	☼	10/07/24 08:25	10/07/24 09:49	1
cis-1,2-Dichloroethene	ND		6.5	1.9	ug/Kg	☼	10/07/24 08:25	10/07/24 09:49	1
cis-1,3-Dichloropropene	ND		6.5	3.7	ug/Kg	☼	10/07/24 08:25	10/07/24 09:49	1
Cyclohexane	ND		13	1.8	ug/Kg	☼	10/07/24 08:25	10/07/24 09:49	1
Chlorodibromomethane	ND		6.5	3.6	ug/Kg	☼	10/07/24 08:25	10/07/24 09:49	1
Dichlorodifluoromethane	ND		6.5	2.9	ug/Kg	☼	10/07/24 08:25	10/07/24 09:49	1
Ethylbenzene	ND		6.5	1.4	ug/Kg	☼	10/07/24 08:25	10/07/24 09:49	1
Isopropylbenzene	ND		6.5	2.5	ug/Kg	☼	10/07/24 08:25	10/07/24 09:49	1
Methyl acetate	ND		32	4.4	ug/Kg	☼	10/07/24 08:25	10/07/24 09:49	1
Methyl tert-butyl ether	ND		6.5	2.6	ug/Kg	☼	10/07/24 08:25	10/07/24 09:49	1
Methylcyclohexane	ND		13	1.6	ug/Kg	☼	10/07/24 08:25	10/07/24 09:49	1
Methylene Chloride	ND		32	16	ug/Kg	☼	10/07/24 08:25	10/07/24 09:49	1
Styrene	ND		6.5	1.5	ug/Kg	☼	10/07/24 08:25	10/07/24 09:49	1
Tetrachloroethene	ND		6.5	5.0	ug/Kg	☼	10/07/24 08:25	10/07/24 09:49	1
Toluene	ND		6.5	1.0	ug/Kg	☼	10/07/24 08:25	10/07/24 09:49	1
trans-1,2-Dichloroethene	ND		6.5	1.8	ug/Kg	☼	10/07/24 08:25	10/07/24 09:49	1
trans-1,3-Dichloropropene	ND		6.5	4.8	ug/Kg	☼	10/07/24 08:25	10/07/24 09:49	1
Trichloroethene	ND		6.5	1.9	ug/Kg	☼	10/07/24 08:25	10/07/24 09:49	1
Trichlorofluoromethane	ND		6.5	3.5	ug/Kg	☼	10/07/24 08:25	10/07/24 09:49	1
Vinyl chloride	ND		6.5	2.3	ug/Kg	☼	10/07/24 08:25	10/07/24 09:49	1
Xylenes, Total	ND		13	2.1	ug/Kg	☼	10/07/24 08:25	10/07/24 09:49	1

Client: August Mack Environmental, Inc.
Project/Site: MSC Canfield - Soil

Job ID: 240-212437-1

Client Sample ID: T250-E-2.0
Date Collected: 10/04/24 11:30
Date Received: 10/04/24 16:30

Lab Sample ID: 240-212437-14
Matrix: Solid
Percent Solids: 76.8

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Toluene-d8 (Surr)	*101*		*56 - 125*	*10/07/24 08:25*	*10/07/24 09:49*	*1*
Dibromofluoromethane (Surr)	*91*		*41 - 138*	*10/07/24 08:25*	*10/07/24 09:49*	*1*
4-Bromofluorobenzene (Surr)	*97*		*41 - 143*	*10/07/24 08:25*	*10/07/24 09:49*	*1*
1,2-Dichloroethane-d4 (Surr)	*100*		*58 - 125*	*10/07/24 08:25*	*10/07/24 09:49*	*1*

Method: SW846 8270E - Semivolatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1'-Biphenyl	ND		130	36	ug/Kg	☼	10/07/24 09:29	10/08/24 17:37	1
bis (2-chloroisopropyl) ether	ND		130	33	ug/Kg	☼	10/07/24 09:29	10/08/24 17:37	1
2,4,5-Trichlorophenol	ND		190	42	ug/Kg	☼	10/07/24 09:29	10/08/24 17:37	1
2,4,6-Trichlorophenol	ND		190	37	ug/Kg	☼	10/07/24 09:29	10/08/24 17:37	1
2,4-Dichlorophenol	ND		190	35	ug/Kg	☼	10/07/24 09:29	10/08/24 17:37	1
2,4-Dimethylphenol	ND		190	46	ug/Kg	☼	10/07/24 09:29	10/08/24 17:37	1
2,4-Dinitrophenol	ND		420	220	ug/Kg	☼	10/07/24 09:29	10/08/24 17:37	1
2,4-Dinitrotoluene	ND		260	30	ug/Kg	☼	10/07/24 09:29	10/08/24 17:37	1
2,6-Dinitrotoluene	ND		260	46	ug/Kg	☼	10/07/24 09:29	10/08/24 17:37	1
2-Chloronaphthalene	ND		130	36	ug/Kg	☼	10/07/24 09:29	10/08/24 17:37	1
2-Chlorophenol	ND		130	33	ug/Kg	☼	10/07/24 09:29	10/08/24 17:37	1
2-Methylnaphthalene	**40**	**J**	51	17	ug/Kg	☼	10/07/24 09:29	10/08/24 17:37	1
2-Methylphenol	ND		260	53	ug/Kg	☼	10/07/24 09:29	10/08/24 17:37	1
2-Nitroaniline	ND		260	49	ug/Kg	☼	10/07/24 09:29	10/08/24 17:37	1
2-Nitrophenol	ND		130	45	ug/Kg	☼	10/07/24 09:29	10/08/24 17:37	1
3,3'-Dichlorobenzidine	ND		190	120	ug/Kg	☼	10/07/24 09:29	10/08/24 17:37	1
3-Nitroaniline	ND		260	45	ug/Kg	☼	10/07/24 09:29	10/08/24 17:37	1
4,6-Dinitro-2-methylphenol	ND		420	130	ug/Kg	☼	10/07/24 09:29	10/08/24 17:37	1
4-Bromophenyl phenyl ether	ND		130	41	ug/Kg	☼	10/07/24 09:29	10/08/24 17:37	1
4-Chloro-3-methylphenol	ND		190	49	ug/Kg	☼	10/07/24 09:29	10/08/24 17:37	1
4-Chloroaniline	ND		190	21	ug/Kg	☼	10/07/24 09:29	10/08/24 17:37	1
4-Chlorophenyl phenyl ether	ND		130	36	ug/Kg	☼	10/07/24 09:29	10/08/24 17:37	1
4-Nitroaniline	ND		260	33	ug/Kg	☼	10/07/24 09:29	10/08/24 17:37	1
4-Nitrophenol	ND		420	120	ug/Kg	☼	10/07/24 09:29	10/08/24 17:37	1
Acenaphthene	ND		51	18	ug/Kg	☼	10/07/24 09:29	10/08/24 17:37	1
Acenaphthylene	ND		51	19	ug/Kg	☼	10/07/24 09:29	10/08/24 17:37	1
Acetophenone	ND		130	32	ug/Kg	☼	10/07/24 09:29	10/08/24 17:37	1
Anthracene	**45**	**J**	51	15	ug/Kg	☼	10/07/24 09:29	10/08/24 17:37	1
Atrazine	ND		420	89	ug/Kg	☼	10/07/24 09:29	10/08/24 17:37	1
Benzaldehyde	ND		420	72	ug/Kg	☼	10/07/24 09:29	10/08/24 17:37	1
Benzo[a]anthracene	**170**		51	19	ug/Kg	☼	10/07/24 09:29	10/08/24 17:37	1
Benzo[a]pyrene	**180**		51	18	ug/Kg	☼	10/07/24 09:29	10/08/24 17:37	1
Benzo[b]fluoranthene	**350**		51	15	ug/Kg	☼	10/07/24 09:29	10/08/24 17:37	1
Benzo[g,h,i]perylene	**170**		51	35	ug/Kg	☼	10/07/24 09:29	10/08/24 17:37	1
Benzo[k]fluoranthene	**88**		51	13	ug/Kg	☼	10/07/24 09:29	10/08/24 17:37	1
Bis(2-chloroethoxy)methane	ND		130	26	ug/Kg	☼	10/07/24 09:29	10/08/24 17:37	1
Bis(2-chloroethyl)ether	ND		130	28	ug/Kg	☼	10/07/24 09:29	10/08/24 17:37	1
Bis(2-ethylhexyl) phthalate	ND		190	72	ug/Kg	☼	10/07/24 09:29	10/08/24 17:37	1
Butyl benzyl phthalate	ND		190	66	ug/Kg	☼	10/07/24 09:29	10/08/24 17:37	1
Caprolactam	ND		420	89	ug/Kg	☼	10/07/24 09:29	10/08/24 17:37	1
Carbazole	**37**	**J**	130	35	ug/Kg	☼	10/07/24 09:29	10/08/24 17:37	1
Chrysene	**220**		51	18	ug/Kg	☼	10/07/24 09:29	10/08/24 17:37	1
Dibenz(a,h)anthracene	ND		51	19	ug/Kg	☼	10/07/24 09:29	10/08/24 17:37	1

Client Sample ID: T250-E-2.0
Date Collected: 10/04/24 11:30
Date Received: 10/04/24 16:30

Lab Sample ID: 240-212437-14
Matrix: Solid
Percent Solids: 76.8

Method: SW846 8270E - Semivolatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Dibenzofuran	ND		130	37	ug/Kg	☼	10/07/24 09:29	10/08/24 17:37	1
Diethyl phthalate	ND		190	55	ug/Kg	☼	10/07/24 09:29	10/08/24 17:37	1
Dimethyl phthalate	ND		190	51	ug/Kg	☼	10/07/24 09:29	10/08/24 17:37	1
Di-n-butyl phthalate	ND		190	66	ug/Kg	☼	10/07/24 09:29	10/08/24 17:37	1
Di-n-octyl phthalate	ND		190	64	ug/Kg	☼	10/07/24 09:29	10/08/24 17:37	1
Fluoranthene	**390**		51	18	ug/Kg	☼	10/07/24 09:29	10/08/24 17:37	1
Fluorene	**18**	**J**	51	18	ug/Kg	☼	10/07/24 09:29	10/08/24 17:37	1
Hexachlorobenzene	ND		51	18	ug/Kg	☼	10/07/24 09:29	10/08/24 17:37	1
Hexachlorobutadiene	ND		130	27	ug/Kg	☼	10/07/24 09:29	10/08/24 17:37	1
Hexachlorocyclopentadiene	ND		420	50	ug/Kg	☼	10/07/24 09:29	10/08/24 17:37	1
Hexachloroethane	ND		130	41	ug/Kg	☼	10/07/24 09:29	10/08/24 17:37	1
Indeno[1,2,3-cd]pyrene	**130**		51	15	ug/Kg	☼	10/07/24 09:29	10/08/24 17:37	1
Isophorone	ND		130	33	ug/Kg	☼	10/07/24 09:29	10/08/24 17:37	1
N-Nitrosodi-n-propylamine	ND		130	48	ug/Kg	☼	10/07/24 09:29	10/08/24 17:37	1
N-Nitrosodiphenylamine	ND		130	35	ug/Kg	☼	10/07/24 09:29	10/08/24 17:37	1
Naphthalene	**33**	**J**	51	17	ug/Kg	☼	10/07/24 09:29	10/08/24 17:37	1
Nitrobenzene	ND		130	28	ug/Kg	☼	10/07/24 09:29	10/08/24 17:37	1
Pentachlorophenol	ND		350	140	ug/Kg	☼	10/07/24 09:29	10/08/24 17:37	1
Phenanthrene	**180**		51	17	ug/Kg	☼	10/07/24 09:29	10/08/24 17:37	1
Phenol	ND		130	49	ug/Kg	☼	10/07/24 09:29	10/08/24 17:37	1
Pyrene	**320**		51	21	ug/Kg	☼	10/07/24 09:29	10/08/24 17:37	1
3 & 4 Methylphenol	ND		510	53	ug/Kg	☼	10/07/24 09:29	10/08/24 17:37	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Terphenyl-d14 (Surr)	*80*		*37 - 120*	*10/07/24 09:29*	*10/08/24 17:37*	*1*
Phenol-d5 (Surr)	*92*		*29 - 120*	*10/07/24 09:29*	*10/08/24 17:37*	*1*
Nitrobenzene-d5 (Surr)	*56*		*28 - 120*	*10/07/24 09:29*	*10/08/24 17:37*	*1*
2-Fluorophenol (Surr)	*83*		*26 - 120*	*10/07/24 09:29*	*10/08/24 17:37*	*1*
2-Fluorobiphenyl (Surr)	*88*		*36 - 120*	*10/07/24 09:29*	*10/08/24 17:37*	*1*
2,4,6-Tribromophenol (Surr)	*83*		*10 - 120*	*10/07/24 09:29*	*10/08/24 17:37*	*1*

Method: SW846 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aroclor-1016	ND		65	33	ug/Kg	☼	10/07/24 09:33	10/07/24 22:05	1
Aroclor-1221	ND		65	39	ug/Kg	☼	10/07/24 09:33	10/07/24 22:05	1
Aroclor-1232	ND		65	27	ug/Kg	☼	10/07/24 09:33	10/07/24 22:05	1
Aroclor-1242	ND		65	25	ug/Kg	☼	10/07/24 09:33	10/07/24 22:05	1
Aroclor-1248	**80**		65	22	ug/Kg	☼	10/07/24 09:33	10/07/24 22:05	1
Aroclor-1254	ND		65	27	ug/Kg	☼	10/07/24 09:33	10/07/24 22:05	1
Aroclor-1260	ND		65	27	ug/Kg	☼	10/07/24 09:33	10/07/24 22:05	1
Aroclor-1262	ND		65	29	ug/Kg	☼	10/07/24 09:33	10/07/24 22:05	1
Aroclor-1268	ND		65	21	ug/Kg	☼	10/07/24 09:33	10/07/24 22:05	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Tetrachloro-m-xylene	*62*		*10 - 149*	*10/07/24 09:33*	*10/07/24 22:05*	*1*
DCB Decachlorobiphenyl	*55*		*10 - 174*	*10/07/24 09:33*	*10/07/24 22:05*	*1*

Method: SW846 6010D - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	**12**		1.7	0.35	mg/Kg	☼	10/07/24 15:00	10/08/24 15:28	1

Client: August Mack Environmental, Inc.
Project/Site: MSC Canfield - Soil

Job ID: 240-212437-1

Client Sample ID: T250-E-2.0
Date Collected: 10/04/24 11:30
Date Received: 10/04/24 16:30

Lab Sample ID: 240-212437-14
Matrix: Solid
Percent Solids: 76.8

Method: SW846 6010D - Metals (ICP) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Barium	73		22	0.14	mg/Kg	☼	10/07/24 15:00	10/08/24 15:28	1
Cadmium	0.25	J	0.56	0.054	mg/Kg	☼	10/07/24 15:00	10/08/24 15:28	1
Chromium	20		1.1	0.39	mg/Kg	☼	10/07/24 15:00	10/08/24 15:28	1
Copper	22		2.8	0.79	mg/Kg	☼	10/07/24 15:00	10/08/24 15:28	1
Lead	24		1.1	0.32	mg/Kg	☼	10/07/24 15:00	10/08/24 15:28	1
Selenium	0.81	J	2.2	0.53	mg/Kg	☼	10/07/24 15:00	10/08/24 15:28	1
Silver	ND		1.1	0.091	mg/Kg	☼	10/07/24 15:00	10/08/24 15:28	1
Zinc	430		5.6	4.1	mg/Kg	☼	10/07/24 15:00	10/08/24 15:28	1

Method: SW846 7471B - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.024	J	0.13	0.023	mg/Kg	☼	10/07/24 15:00	10/08/24 11:58	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cyanide, Total (SW846 9012B)	240		37	29	mg/Kg	☼	10/07/24 11:09	10/07/24 20:06	50

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Solids (EPA Moisture)	76.8		0.1	0.1	%			10/07/24 10:13	1
Percent Moisture (EPA Moisture)	23.2		0.1	0.1	%			10/07/24 10:13	1

Client: August Mack Environmental, Inc.
Project/Site: MSC Canfield - Soil

Job ID: 240-212437-1

Client Sample ID: T250-W-2.0
Date Collected: 10/04/24 12:10
Date Received: 10/04/24 16:30

Lab Sample ID: 240-212437-15
Matrix: Solid
Percent Solids: 75.5

Method: SW846 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		6.5	2.3	ug/Kg	☼	10/07/24 08:25	10/07/24 10:09	1
1,1,2,2-Tetrachloroethane	ND		6.5	1.9	ug/Kg	☼	10/07/24 08:25	10/07/24 10:09	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		6.5	1.7	ug/Kg	☼	10/07/24 08:25	10/07/24 10:09	1
1,1,2-Trichloroethane	ND		6.5	1.5	ug/Kg	☼	10/07/24 08:25	10/07/24 10:09	1
1,1-Dichloroethane	ND		6.5	1.8	ug/Kg	☼	10/07/24 08:25	10/07/24 10:09	1
1,1-Dichloroethene	ND		6.5	2.4	ug/Kg	☼	10/07/24 08:25	10/07/24 10:09	1
1,2,4-Trichlorobenzene	ND		6.5	3.3	ug/Kg	☼	10/07/24 08:25	10/07/24 10:09	1
1,2-Dibromo-3-Chloropropane	ND		13	4.7	ug/Kg	☼	10/07/24 08:25	10/07/24 10:09	1
Ethylene Dibromide	ND		6.5	1.0	ug/Kg	☼	10/07/24 08:25	10/07/24 10:09	1
1,2-Dichlorobenzene	ND		6.5	1.4	ug/Kg	☼	10/07/24 08:25	10/07/24 10:09	1
1,2-Dichloroethane	ND		6.5	2.3	ug/Kg	☼	10/07/24 08:25	10/07/24 10:09	1
1,2-Dichloropropane	ND		6.5	1.1	ug/Kg	☼	10/07/24 08:25	10/07/24 10:09	1
1,3-Dichlorobenzene	ND		6.5	2.1	ug/Kg	☼	10/07/24 08:25	10/07/24 10:09	1
1,4-Dichlorobenzene	ND		6.5	1.1	ug/Kg	☼	10/07/24 08:25	10/07/24 10:09	1
2-Butanone (MEK)	**8.8**	**J**	26	4.6	ug/Kg	☼	10/07/24 08:25	10/07/24 10:09	1
2-Hexanone	ND		26	5.3	ug/Kg	☼	10/07/24 08:25	10/07/24 10:09	1
4-Methyl-2-pentanone (MIBK)	ND		26	4.8	ug/Kg	☼	10/07/24 08:25	10/07/24 10:09	1
Acetone	**41**		33	27	ug/Kg	☼	10/07/24 08:25	10/07/24 10:09	1
Benzene	ND		6.5	0.91	ug/Kg	☼	10/07/24 08:25	10/07/24 10:09	1
Dichlorobromomethane	ND		6.5	2.0	ug/Kg	☼	10/07/24 08:25	10/07/24 10:09	1
Bromoform	ND		6.5	3.1	ug/Kg	☼	10/07/24 08:25	10/07/24 10:09	1
Bromomethane	ND		6.5	5.4	ug/Kg	☼	10/07/24 08:25	10/07/24 10:09	1
Carbon disulfide	ND		6.5	1.5	ug/Kg	☼	10/07/24 08:25	10/07/24 10:09	1
Carbon tetrachloride	ND		6.5	4.2	ug/Kg	☼	10/07/24 08:25	10/07/24 10:09	1
Chlorobenzene	ND		6.5	1.2	ug/Kg	☼	10/07/24 08:25	10/07/24 10:09	1
Chloroethane	ND		6.5	3.6	ug/Kg	☼	10/07/24 08:25	10/07/24 10:09	1
Chloroform	ND		6.5	1.0	ug/Kg	☼	10/07/24 08:25	10/07/24 10:09	1
Chloromethane	ND		6.5	3.0	ug/Kg	☼	10/07/24 08:25	10/07/24 10:09	1
cis-1,2-Dichloroethene	ND		6.5	1.9	ug/Kg	☼	10/07/24 08:25	10/07/24 10:09	1
cis-1,3-Dichloropropene	ND		6.5	3.7	ug/Kg	☼	10/07/24 08:25	10/07/24 10:09	1
Cyclohexane	ND		13	1.8	ug/Kg	☼	10/07/24 08:25	10/07/24 10:09	1
Chlorodibromomethane	ND		6.5	3.6	ug/Kg	☼	10/07/24 08:25	10/07/24 10:09	1
Dichlorodifluoromethane	ND		6.5	2.9	ug/Kg	☼	10/07/24 08:25	10/07/24 10:09	1
Ethylbenzene	ND		6.5	1.4	ug/Kg	☼	10/07/24 08:25	10/07/24 10:09	1
Isopropylbenzene	ND		6.5	2.5	ug/Kg	☼	10/07/24 08:25	10/07/24 10:09	1
Methyl acetate	ND		33	4.4	ug/Kg	☼	10/07/24 08:25	10/07/24 10:09	1
Methyl tert-butyl ether	ND		6.5	2.6	ug/Kg	☼	10/07/24 08:25	10/07/24 10:09	1
Methylcyclohexane	ND		13	1.6	ug/Kg	☼	10/07/24 08:25	10/07/24 10:09	1
Methylene Chloride	ND		33	16	ug/Kg	☼	10/07/24 08:25	10/07/24 10:09	1
Styrene	ND		6.5	1.5	ug/Kg	☼	10/07/24 08:25	10/07/24 10:09	1
Tetrachloroethene	ND		6.5	5.1	ug/Kg	☼	10/07/24 08:25	10/07/24 10:09	1
Toluene	ND		6.5	1.0	ug/Kg	☼	10/07/24 08:25	10/07/24 10:09	1
trans-1,2-Dichloroethene	ND		6.5	1.8	ug/Kg	☼	10/07/24 08:25	10/07/24 10:09	1
trans-1,3-Dichloropropene	ND		6.5	4.8	ug/Kg	☼	10/07/24 08:25	10/07/24 10:09	1
Trichloroethene	ND		6.5	1.9	ug/Kg	☼	10/07/24 08:25	10/07/24 10:09	1
Trichlorofluoromethane	ND		6.5	3.5	ug/Kg	☼	10/07/24 08:25	10/07/24 10:09	1
Vinyl chloride	ND		6.5	2.3	ug/Kg	☼	10/07/24 08:25	10/07/24 10:09	1
Xylenes, Total	ND		13	2.1	ug/Kg	☼	10/07/24 08:25	10/07/24 10:09	1

Client: August Mack Environmental, Inc.
Project/Site: MSC Canfield - Soil

Job ID: 240-212437-1

Client Sample ID: T250-W-2.0
Date Collected: 10/04/24 12:10
Date Received: 10/04/24 16:30

Lab Sample ID: 240-212437-15
Matrix: Solid
Percent Solids: 75.5

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
Toluene-d8 (Surr)	*96*		*56 - 125*	*10/07/24 08:25*	*10/07/24 10:09*	*1*
Dibromofluoromethane (Surr)	*85*		*41 - 138*	*10/07/24 08:25*	*10/07/24 10:09*	*1*
4-Bromofluorobenzene (Surr)	*91*		*41 - 143*	*10/07/24 08:25*	*10/07/24 10:09*	*1*
1,2-Dichloroethane-d4 (Surr)	*92*		*58 - 125*	*10/07/24 08:25*	*10/07/24 10:09*	*1*

Method: SW846 8270E - Semivolatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1'-Biphenyl	ND		130	37	ug/Kg	☼	10/07/24 09:29	10/08/24 14:46	1
bis (2-chloroisopropyl) ether	ND		130	34	ug/Kg	☼	10/07/24 09:29	10/08/24 14:46	1
2,4,5-Trichlorophenol	ND		200	44	ug/Kg	☼	10/07/24 09:29	10/08/24 14:46	1
2,4,6-Trichlorophenol	ND		200	38	ug/Kg	☼	10/07/24 09:29	10/08/24 14:46	1
2,4-Dichlorophenol	ND		200	36	ug/Kg	☼	10/07/24 09:29	10/08/24 14:46	1
2,4-Dimethylphenol	ND		200	47	ug/Kg	☼	10/07/24 09:29	10/08/24 14:46	1
2,4-Dinitrophenol	ND		440	230	ug/Kg	☼	10/07/24 09:29	10/08/24 14:46	1
2,4-Dinitrotoluene	ND		260	30	ug/Kg	☼	10/07/24 09:29	10/08/24 14:46	1
2,6-Dinitrotoluene	ND		260	47	ug/Kg	☼	10/07/24 09:29	10/08/24 14:46	1
2-Chloronaphthalene	ND		130	37	ug/Kg	☼	10/07/24 09:29	10/08/24 14:46	1
2-Chlorophenol	ND		130	34	ug/Kg	☼	10/07/24 09:29	10/08/24 14:46	1
2-Methylnaphthalene	**22**	**J**	53	17	ug/Kg	☼	10/07/24 09:29	10/08/24 14:46	1
2-Methylphenol	ND		260	54	ug/Kg	☼	10/07/24 09:29	10/08/24 14:46	1
2-Nitroaniline	ND		260	50	ug/Kg	☼	10/07/24 09:29	10/08/24 14:46	1
2-Nitrophenol	ND		130	46	ug/Kg	☼	10/07/24 09:29	10/08/24 14:46	1
3,3'-Dichlorobenzidine	ND		200	130	ug/Kg	☼	10/07/24 09:29	10/08/24 14:46	1
3-Nitroaniline	ND		260	46	ug/Kg	☼	10/07/24 09:29	10/08/24 14:46	1
4,6-Dinitro-2-methylphenol	ND		440	140	ug/Kg	☼	10/07/24 09:29	10/08/24 14:46	1
4-Bromophenyl phenyl ether	ND		130	42	ug/Kg	☼	10/07/24 09:29	10/08/24 14:46	1
4-Chloro-3-methylphenol	ND		200	50	ug/Kg	☼	10/07/24 09:29	10/08/24 14:46	1
4-Chloroaniline	ND		200	21	ug/Kg	☼	10/07/24 09:29	10/08/24 14:46	1
4-Chlorophenyl phenyl ether	ND		130	37	ug/Kg	☼	10/07/24 09:29	10/08/24 14:46	1
4-Nitroaniline	ND		260	34	ug/Kg	☼	10/07/24 09:29	10/08/24 14:46	1
4-Nitrophenol	ND		440	120	ug/Kg	☼	10/07/24 09:29	10/08/24 14:46	1
Acenaphthene	ND		53	18	ug/Kg	☼	10/07/24 09:29	10/08/24 14:46	1
Acenaphthylene	ND		53	20	ug/Kg	☼	10/07/24 09:29	10/08/24 14:46	1
Acetophenone	ND		130	33	ug/Kg	☼	10/07/24 09:29	10/08/24 14:46	1
Anthracene	**21**	**J**	53	16	ug/Kg	☼	10/07/24 09:29	10/08/24 14:46	1
Atrazine	ND		440	91	ug/Kg	☼	10/07/24 09:29	10/08/24 14:46	1
Benzaldehyde	ND		440	74	ug/Kg	☼	10/07/24 09:29	10/08/24 14:46	1
Benzo[a]anthracene	**75**		53	20	ug/Kg	☼	10/07/24 09:29	10/08/24 14:46	1
Benzo[a]pyrene	**69**		53	18	ug/Kg	☼	10/07/24 09:29	10/08/24 14:46	1
Benzo[b]fluoranthene	**120**		53	16	ug/Kg	☼	10/07/24 09:29	10/08/24 14:46	1
Benzo[g,h,i]perylene	**66**		53	36	ug/Kg	☼	10/07/24 09:29	10/08/24 14:46	1
Benzo[k]fluoranthene	**48**	**J**	53	13	ug/Kg	☼	10/07/24 09:29	10/08/24 14:46	1
Bis(2-chloroethoxy)methane	ND		130	26	ug/Kg	☼	10/07/24 09:29	10/08/24 14:46	1
Bis(2-chloroethyl)ether	ND		130	29	ug/Kg	☼	10/07/24 09:29	10/08/24 14:46	1
Bis(2-ethylhexyl) phthalate	ND		200	74	ug/Kg	☼	10/07/24 09:29	10/08/24 14:46	1
Butyl benzyl phthalate	ND		200	67	ug/Kg	☼	10/07/24 09:29	10/08/24 14:46	1
Caprolactam	ND		440	91	ug/Kg	☼	10/07/24 09:29	10/08/24 14:46	1
Carbazole	ND		130	36	ug/Kg	☼	10/07/24 09:29	10/08/24 14:46	1
Chrysene	**86**		53	18	ug/Kg	☼	10/07/24 09:29	10/08/24 14:46	1
Dibenz(a,h)anthracene	ND		53	20	ug/Kg	☼	10/07/24 09:29	10/08/24 14:46	1

Client Sample ID: T250-W-2.0
Date Collected: 10/04/24 12:10
Date Received: 10/04/24 16:30

Lab Sample ID: 240-212437-15
Matrix: Solid
Percent Solids: 75.5

Method: SW846 8270E - Semivolatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Dibenzofuran	ND		130	38	ug/Kg	☼	10/07/24 09:29	10/08/24 14:46	1
Diethyl phthalate	ND		200	57	ug/Kg	☼	10/07/24 09:29	10/08/24 14:46	1
Dimethyl phthalate	ND		200	53	ug/Kg	☼	10/07/24 09:29	10/08/24 14:46	1
Di-n-butyl phthalate	ND		200	67	ug/Kg	☼	10/07/24 09:29	10/08/24 14:46	1
Di-n-octyl phthalate	ND		200	66	ug/Kg	☼	10/07/24 09:29	10/08/24 14:46	1
Fluoranthene	**160**		53	18	ug/Kg	☼	10/07/24 09:29	10/08/24 14:46	1
Fluorene	ND		53	18	ug/Kg	☼	10/07/24 09:29	10/08/24 14:46	1
Hexachlorobenzene	ND		53	18	ug/Kg	☼	10/07/24 09:29	10/08/24 14:46	1
Hexachlorobutadiene	ND		130	28	ug/Kg	☼	10/07/24 09:29	10/08/24 14:46	1
Hexachlorocyclopentadiene	ND		440	51	ug/Kg	☼	10/07/24 09:29	10/08/24 14:46	1
Hexachloroethane	ND		130	42	ug/Kg	☼	10/07/24 09:29	10/08/24 14:46	1
Indeno[1,2,3-cd]pyrene	**53**		53	16	ug/Kg	☼	10/07/24 09:29	10/08/24 14:46	1
Isophorone	ND		130	34	ug/Kg	☼	10/07/24 09:29	10/08/24 14:46	1
N-Nitrosodi-n-propylamine	ND		130	49	ug/Kg	☼	10/07/24 09:29	10/08/24 14:46	1
N-Nitrosodiphenylamine	ND		130	36	ug/Kg	☼	10/07/24 09:29	10/08/24 14:46	1
Naphthalene	ND		53	17	ug/Kg	☼	10/07/24 09:29	10/08/24 14:46	1
Nitrobenzene	ND		130	29	ug/Kg	☼	10/07/24 09:29	10/08/24 14:46	1
Pentachlorophenol	ND		360	140	ug/Kg	☼	10/07/24 09:29	10/08/24 14:46	1
Phenanthrene	**87**		53	17	ug/Kg	☼	10/07/24 09:29	10/08/24 14:46	1
Phenol	ND		130	50	ug/Kg	☼	10/07/24 09:29	10/08/24 14:46	1
Pyrene	**140**		53	21	ug/Kg	☼	10/07/24 09:29	10/08/24 14:46	1
3 & 4 Methylphenol	ND		530	54	ug/Kg	☼	10/07/24 09:29	10/08/24 14:46	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Terphenyl-d14 (Surr)	*67*		*37 - 120*	*10/07/24 09:29*	*10/08/24 14:46*	*1*
Phenol-d5 (Surr)	*73*		*29 - 120*	*10/07/24 09:29*	*10/08/24 14:46*	*1*
Nitrobenzene-d5 (Surr)	*34*		*28 - 120*	*10/07/24 09:29*	*10/08/24 14:46*	*1*
2-Fluorophenol (Surr)	*71*		*26 - 120*	*10/07/24 09:29*	*10/08/24 14:46*	*1*
2-Fluorobiphenyl (Surr)	*74*		*36 - 120*	*10/07/24 09:29*	*10/08/24 14:46*	*1*
2,4,6-Tribromophenol (Surr)	*76*		*10 - 120*	*10/07/24 09:29*	*10/08/24 14:46*	*1*

Method: SW846 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aroclor-1016	ND		64	32	ug/Kg	☼	10/07/24 09:33	10/07/24 22:20	1
Aroclor-1221	ND		64	38	ug/Kg	☼	10/07/24 09:33	10/07/24 22:20	1
Aroclor-1232	ND		64	27	ug/Kg	☼	10/07/24 09:33	10/07/24 22:20	1
Aroclor-1242	ND		64	24	ug/Kg	☼	10/07/24 09:33	10/07/24 22:20	1
Aroclor-1248	**61**	**J**	64	22	ug/Kg	☼	10/07/24 09:33	10/07/24 22:20	1
Aroclor-1254	ND		64	27	ug/Kg	☼	10/07/24 09:33	10/07/24 22:20	1
Aroclor-1260	ND		64	27	ug/Kg	☼	10/07/24 09:33	10/07/24 22:20	1
Aroclor-1262	ND		64	28	ug/Kg	☼	10/07/24 09:33	10/07/24 22:20	1
Aroclor-1268	ND		64	20	ug/Kg	☼	10/07/24 09:33	10/07/24 22:20	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Tetrachloro-m-xylene	*66*		*10 - 149*	*10/07/24 09:33*	*10/07/24 22:20*	*1*
Tetrachloro-m-xylene	*67*		*10 - 149*	*10/07/24 09:33*	*10/07/24 22:20*	*1*
DCB Decachlorobiphenyl	*64*		*10 - 174*	*10/07/24 09:33*	*10/07/24 22:20*	*1*
DCB Decachlorobiphenyl	*74*		*10 - 174*	*10/07/24 09:33*	*10/07/24 22:20*	*1*

Client: August Mack Environmental, Inc.
Project/Site: MSC Canfield - Soil

Job ID: 240-212437-1

Client Sample ID: T250-W-2.0
Date Collected: 10/04/24 12:10
Date Received: 10/04/24 16:30

Lab Sample ID: 240-212437-15
Matrix: Solid
Percent Solids: 75.5

Method: SW846 6010D - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	16		1.5	0.31	mg/Kg	☼	10/07/24 15:00	10/08/24 15:33	1
Barium	96		19	0.12	mg/Kg	☼	10/07/24 15:00	10/08/24 15:33	1
Cadmium	0.21	J	0.49	0.047	mg/Kg	☼	10/07/24 15:00	10/08/24 15:33	1
Chromium	23		0.97	0.33	mg/Kg	☼	10/07/24 15:00	10/08/24 15:33	1
Copper	8.3		2.4	0.68	mg/Kg	☼	10/07/24 15:00	10/08/24 15:33	1
Lead	24		0.97	0.27	mg/Kg	☼	10/07/24 15:00	10/08/24 15:33	1
Selenium	0.78	J	1.9	0.46	mg/Kg	☼	10/07/24 15:00	10/08/24 15:33	1
Silver	ND		0.97	0.079	mg/Kg	☼	10/07/24 15:00	10/08/24 15:33	1
Zinc	2400		24	18	mg/Kg	☼	10/07/24 15:00	10/09/24 10:55	5

Method: SW846 7471B - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.030	J	0.13	0.024	mg/Kg	☼	10/07/24 15:00	10/08/24 11:59	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cyanide, Total (SW846 9012B)	34		30	23	mg/Kg	☼	10/07/24 11:09	10/07/24 19:29	50

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Solids (EPA Moisture)	75.5		0.1	0.1	%			10/07/24 10:13	1
Percent Moisture (EPA Moisture)	24.5		0.1	0.1	%			10/07/24 10:13	1

Client: August Mack Environmental, Inc.
Project/Site: MSC Canfield - Soil

Job ID: 240-212437-1

Client Sample ID: T250-W-4.0
Date Collected: 10/04/24 12:12
Date Received: 10/04/24 16:30

Lab Sample ID: 240-212437-16
Matrix: Solid
Percent Solids: 74.9

Method: SW846 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		6.7	2.4	ug/Kg	☼	10/07/24 08:25	10/07/24 10:28	1
1,1,2,2-Tetrachloroethane	ND		6.7	1.9	ug/Kg	☼	10/07/24 08:25	10/07/24 10:28	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		6.7	1.7	ug/Kg	☼	10/07/24 08:25	10/07/24 10:28	1
1,1,2-Trichloroethane	ND		6.7	1.5	ug/Kg	☼	10/07/24 08:25	10/07/24 10:28	1
1,1-Dichloroethane	ND		6.7	1.9	ug/Kg	☼	10/07/24 08:25	10/07/24 10:28	1
1,1-Dichloroethene	ND		6.7	2.4	ug/Kg	☼	10/07/24 08:25	10/07/24 10:28	1
1,2,4-Trichlorobenzene	ND		6.7	3.3	ug/Kg	☼	10/07/24 08:25	10/07/24 10:28	1
1,2-Dibromo-3-Chloropropane	ND		13	4.8	ug/Kg	☼	10/07/24 08:25	10/07/24 10:28	1
Ethylene Dibromide	ND		6.7	1.0	ug/Kg	☼	10/07/24 08:25	10/07/24 10:28	1
1,2-Dichlorobenzene	ND		6.7	1.5	ug/Kg	☼	10/07/24 08:25	10/07/24 10:28	1
1,2-Dichloroethane	ND		6.7	2.4	ug/Kg	☼	10/07/24 08:25	10/07/24 10:28	1
1,2-Dichloropropane	ND		6.7	1.1	ug/Kg	☼	10/07/24 08:25	10/07/24 10:28	1
1,3-Dichlorobenzene	ND		6.7	2.2	ug/Kg	☼	10/07/24 08:25	10/07/24 10:28	1
1,4-Dichlorobenzene	ND		6.7	1.2	ug/Kg	☼	10/07/24 08:25	10/07/24 10:28	1
2-Butanone (MEK)	**7.7**	**J**	27	4.7	ug/Kg	☼	10/07/24 08:25	10/07/24 10:28	1
2-Hexanone	ND		27	5.4	ug/Kg	☼	10/07/24 08:25	10/07/24 10:28	1
4-Methyl-2-pentanone (MIBK)	ND		27	4.9	ug/Kg	☼	10/07/24 08:25	10/07/24 10:28	1
Acetone	**32**	**J**	33	28	ug/Kg	☼	10/07/24 08:25	10/07/24 10:28	1
Benzene	ND		6.7	0.93	ug/Kg	☼	10/07/24 08:25	10/07/24 10:28	1
Dichlorobromomethane	ND		6.7	2.0	ug/Kg	☼	10/07/24 08:25	10/07/24 10:28	1
Bromoform	ND		6.7	3.2	ug/Kg	☼	10/07/24 08:25	10/07/24 10:28	1
Bromomethane	ND		6.7	5.5	ug/Kg	☼	10/07/24 08:25	10/07/24 10:28	1
Carbon disulfide	ND		6.7	1.6	ug/Kg	☼	10/07/24 08:25	10/07/24 10:28	1
Carbon tetrachloride	ND		6.7	4.3	ug/Kg	☼	10/07/24 08:25	10/07/24 10:28	1
Chlorobenzene	ND		6.7	1.2	ug/Kg	☼	10/07/24 08:25	10/07/24 10:28	1
Chloroethane	ND		6.7	3.7	ug/Kg	☼	10/07/24 08:25	10/07/24 10:28	1
Chloroform	ND		6.7	1.1	ug/Kg	☼	10/07/24 08:25	10/07/24 10:28	1
Chloromethane	ND		6.7	3.0	ug/Kg	☼	10/07/24 08:25	10/07/24 10:28	1
cis-1,2-Dichloroethene	ND		6.7	2.0	ug/Kg	☼	10/07/24 08:25	10/07/24 10:28	1
cis-1,3-Dichloropropene	ND		6.7	3.8	ug/Kg	☼	10/07/24 08:25	10/07/24 10:28	1
Cyclohexane	ND		13	1.8	ug/Kg	☼	10/07/24 08:25	10/07/24 10:28	1
Chlorodibromomethane	ND		6.7	3.7	ug/Kg	☼	10/07/24 08:25	10/07/24 10:28	1
Dichlorodifluoromethane	ND		6.7	3.0	ug/Kg	☼	10/07/24 08:25	10/07/24 10:28	1
Ethylbenzene	ND		6.7	1.4	ug/Kg	☼	10/07/24 08:25	10/07/24 10:28	1
Isopropylbenzene	ND		6.7	2.6	ug/Kg	☼	10/07/24 08:25	10/07/24 10:28	1
Methyl acetate	ND		33	4.5	ug/Kg	☼	10/07/24 08:25	10/07/24 10:28	1
Methyl tert-butyl ether	ND		6.7	2.6	ug/Kg	☼	10/07/24 08:25	10/07/24 10:28	1
Methylcyclohexane	ND		13	1.6	ug/Kg	☼	10/07/24 08:25	10/07/24 10:28	1
Methylene Chloride	ND		33	16	ug/Kg	☼	10/07/24 08:25	10/07/24 10:28	1
Styrene	ND		6.7	1.5	ug/Kg	☼	10/07/24 08:25	10/07/24 10:28	1
Tetrachloroethene	ND		6.7	5.2	ug/Kg	☼	10/07/24 08:25	10/07/24 10:28	1
Toluene	ND		6.7	1.0	ug/Kg	☼	10/07/24 08:25	10/07/24 10:28	1
trans-1,2-Dichloroethene	ND		6.7	1.9	ug/Kg	☼	10/07/24 08:25	10/07/24 10:28	1
trans-1,3-Dichloropropene	ND		6.7	4.9	ug/Kg	☼	10/07/24 08:25	10/07/24 10:28	1
Trichloroethene	ND		6.7	1.9	ug/Kg	☼	10/07/24 08:25	10/07/24 10:28	1
Trichlorofluoromethane	ND		6.7	3.6	ug/Kg	☼	10/07/24 08:25	10/07/24 10:28	1
Vinyl chloride	ND		6.7	2.4	ug/Kg	☼	10/07/24 08:25	10/07/24 10:28	1
Xylenes, Total	ND		13	2.1	ug/Kg	☼	10/07/24 08:25	10/07/24 10:28	1

Client: August Mack Environmental, Inc.
Project/Site: MSC Canfield - Soil

Job ID: 240-212437-1

Client Sample ID: T250-W-4.0
Date Collected: 10/04/24 12:12
Date Received: 10/04/24 16:30

Lab Sample ID: 240-212437-16
Matrix: Solid
Percent Solids: 74.9

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
Toluene-d8 (Surr)	*102*		*56 - 125*	*10/07/24 08:25*	*10/07/24 10:28*	*1*
Dibromofluoromethane (Surr)	*94*		*41 - 138*	*10/07/24 08:25*	*10/07/24 10:28*	*1*
4-Bromofluorobenzene (Surr)	*102*		*41 - 143*	*10/07/24 08:25*	*10/07/24 10:28*	*1*
1,2-Dichloroethane-d4 (Surr)	*105*		*58 - 125*	*10/07/24 08:25*	*10/07/24 10:28*	*1*

Method: SW846 8270E - Semivolatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1'-Biphenyl	ND		130	36	ug/Kg	☼	10/07/24 09:29	10/08/24 15:10	1
bis (2-chloroisopropyl) ether	ND		130	34	ug/Kg	☼	10/07/24 09:29	10/08/24 15:10	1
2,4,5-Trichlorophenol	ND		190	43	ug/Kg	☼	10/07/24 09:29	10/08/24 15:10	1
2,4,6-Trichlorophenol	ND		190	38	ug/Kg	☼	10/07/24 09:29	10/08/24 15:10	1
2,4-Dichlorophenol	ND		190	35	ug/Kg	☼	10/07/24 09:29	10/08/24 15:10	1
2,4-Dimethylphenol	ND		190	47	ug/Kg	☼	10/07/24 09:29	10/08/24 15:10	1
2,4-Dinitrophenol	ND		430	220	ug/Kg	☼	10/07/24 09:29	10/08/24 15:10	1
2,4-Dinitrotoluene	ND		260	30	ug/Kg	☼	10/07/24 09:29	10/08/24 15:10	1
2,6-Dinitrotoluene	ND		260	47	ug/Kg	☼	10/07/24 09:29	10/08/24 15:10	1
2-Chloronaphthalene	ND		130	36	ug/Kg	☼	10/07/24 09:29	10/08/24 15:10	1
2-Chlorophenol	ND		130	34	ug/Kg	☼	10/07/24 09:29	10/08/24 15:10	1
2-Methylnaphthalene	**28**	**J**	52	17	ug/Kg	☼	10/07/24 09:29	10/08/24 15:10	1
2-Methylphenol	ND		260	53	ug/Kg	☼	10/07/24 09:29	10/08/24 15:10	1
2-Nitroaniline	ND		260	49	ug/Kg	☼	10/07/24 09:29	10/08/24 15:10	1
2-Nitrophenol	ND		130	45	ug/Kg	☼	10/07/24 09:29	10/08/24 15:10	1
3,3'-Dichlorobenzidine	ND		190	120	ug/Kg	☼	10/07/24 09:29	10/08/24 15:10	1
3-Nitroaniline	ND		260	45	ug/Kg	☼	10/07/24 09:29	10/08/24 15:10	1
4,6-Dinitro-2-methylphenol	ND		430	130	ug/Kg	☼	10/07/24 09:29	10/08/24 15:10	1
4-Bromophenyl phenyl ether	ND		130	41	ug/Kg	☼	10/07/24 09:29	10/08/24 15:10	1
4-Chloro-3-methylphenol	ND		190	49	ug/Kg	☼	10/07/24 09:29	10/08/24 15:10	1
4-Chloroaniline	ND		190	21	ug/Kg	☼	10/07/24 09:29	10/08/24 15:10	1
4-Chlorophenyl phenyl ether	ND		130	36	ug/Kg	☼	10/07/24 09:29	10/08/24 15:10	1
4-Nitroaniline	ND		260	34	ug/Kg	☼	10/07/24 09:29	10/08/24 15:10	1
4-Nitrophenol	ND		430	120	ug/Kg	☼	10/07/24 09:29	10/08/24 15:10	1
Acenaphthene	ND		52	18	ug/Kg	☼	10/07/24 09:29	10/08/24 15:10	1
Acenaphthylene	ND		52	19	ug/Kg	☼	10/07/24 09:29	10/08/24 15:10	1
Acetophenone	ND		130	32	ug/Kg	☼	10/07/24 09:29	10/08/24 15:10	1
Anthracene	**53**		52	16	ug/Kg	☼	10/07/24 09:29	10/08/24 15:10	1
Atrazine	ND		430	89	ug/Kg	☼	10/07/24 09:29	10/08/24 15:10	1
Benzaldehyde	ND		430	72	ug/Kg	☼	10/07/24 09:29	10/08/24 15:10	1
Benzo[a]anthracene	**120**		52	19	ug/Kg	☼	10/07/24 09:29	10/08/24 15:10	1
Benzo[a]pyrene	**120**		52	18	ug/Kg	☼	10/07/24 09:29	10/08/24 15:10	1
Benzo[b]fluoranthene	**190**		52	16	ug/Kg	☼	10/07/24 09:29	10/08/24 15:10	1
Benzo[g,h,i]perylene	**110**		52	35	ug/Kg	☼	10/07/24 09:29	10/08/24 15:10	1
Benzo[k]fluoranthene	**61**		52	13	ug/Kg	☼	10/07/24 09:29	10/08/24 15:10	1
Bis(2-chloroethoxy)methane	ND		130	26	ug/Kg	☼	10/07/24 09:29	10/08/24 15:10	1
Bis(2-chloroethyl)ether	ND		130	28	ug/Kg	☼	10/07/24 09:29	10/08/24 15:10	1
Bis(2-ethylhexyl) phthalate	ND		190	72	ug/Kg	☼	10/07/24 09:29	10/08/24 15:10	1
Butyl benzyl phthalate	ND		190	66	ug/Kg	☼	10/07/24 09:29	10/08/24 15:10	1
Caprolactam	ND		430	89	ug/Kg	☼	10/07/24 09:29	10/08/24 15:10	1
Carbazole	ND		130	35	ug/Kg	☼	10/07/24 09:29	10/08/24 15:10	1
Chrysene	**140**		52	18	ug/Kg	☼	10/07/24 09:29	10/08/24 15:10	1
Dibenz(a,h)anthracene	ND		52	19	ug/Kg	☼	10/07/24 09:29	10/08/24 15:10	1

Client Sample ID: T250-W-4.0
Date Collected: 10/04/24 12:12
Date Received: 10/04/24 16:30

Lab Sample ID: 240-212437-16
Matrix: Solid
Percent Solids: 74.9

Method: SW846 8270E - Semivolatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Dibenzofuran	ND		130	38	ug/Kg	☼	10/07/24 09:29	10/08/24 15:10	1
Diethyl phthalate	ND		190	56	ug/Kg	☼	10/07/24 09:29	10/08/24 15:10	1
Dimethyl phthalate	ND		190	52	ug/Kg	☼	10/07/24 09:29	10/08/24 15:10	1
Di-n-butyl phthalate	ND		190	66	ug/Kg	☼	10/07/24 09:29	10/08/24 15:10	1
Di-n-octyl phthalate	ND		190	65	ug/Kg	☼	10/07/24 09:29	10/08/24 15:10	1
Fluoranthene	**300**		52	18	ug/Kg	☼	10/07/24 09:29	10/08/24 15:10	1
Fluorene	**21**	**J**	52	18	ug/Kg	☼	10/07/24 09:29	10/08/24 15:10	1
Hexachlorobenzene	ND		52	18	ug/Kg	☼	10/07/24 09:29	10/08/24 15:10	1
Hexachlorobutadiene	ND		130	27	ug/Kg	☼	10/07/24 09:29	10/08/24 15:10	1
Hexachlorocyclopentadiene	ND		430	50	ug/Kg	☼	10/07/24 09:29	10/08/24 15:10	1
Hexachloroethane	ND		130	41	ug/Kg	☼	10/07/24 09:29	10/08/24 15:10	1
Indeno[1,2,3-cd]pyrene	**81**		52	16	ug/Kg	☼	10/07/24 09:29	10/08/24 15:10	1
Isophorone	ND		130	34	ug/Kg	☼	10/07/24 09:29	10/08/24 15:10	1
N-Nitrosodi-n-propylamine	ND		130	48	ug/Kg	☼	10/07/24 09:29	10/08/24 15:10	1
N-Nitrosodiphenylamine	ND		130	35	ug/Kg	☼	10/07/24 09:29	10/08/24 15:10	1
Naphthalene	**24**	**J**	52	17	ug/Kg	☼	10/07/24 09:29	10/08/24 15:10	1
Nitrobenzene	ND		130	28	ug/Kg	☼	10/07/24 09:29	10/08/24 15:10	1
Pentachlorophenol	ND		350	140	ug/Kg	☼	10/07/24 09:29	10/08/24 15:10	1
Phenanthrene	**220**		52	17	ug/Kg	☼	10/07/24 09:29	10/08/24 15:10	1
Phenol	ND		130	49	ug/Kg	☼	10/07/24 09:29	10/08/24 15:10	1
Pyrene	**270**		52	21	ug/Kg	☼	10/07/24 09:29	10/08/24 15:10	1
3 & 4 Methylphenol	ND		520	53	ug/Kg	☼	10/07/24 09:29	10/08/24 15:10	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Terphenyl-d14 (Surr)	*65*		*37 - 120*	*10/07/24 09:29*	*10/08/24 15:10*	*1*
Phenol-d5 (Surr)	*73*		*29 - 120*	*10/07/24 09:29*	*10/08/24 15:10*	*1*
Nitrobenzene-d5 (Surr)	*47*		*28 - 120*	*10/07/24 09:29*	*10/08/24 15:10*	*1*
2-Fluorophenol (Surr)	*68*		*26 - 120*	*10/07/24 09:29*	*10/08/24 15:10*	*1*
2-Fluorobiphenyl (Surr)	*71*		*36 - 120*	*10/07/24 09:29*	*10/08/24 15:10*	*1*
2,4,6-Tribromophenol (Surr)	*73*		*10 - 120*	*10/07/24 09:29*	*10/08/24 15:10*	*1*

Method: SW846 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aroclor-1016	ND		67	34	ug/Kg	☼	10/07/24 09:33	10/07/24 22:36	1
Aroclor-1221	ND		67	40	ug/Kg	☼	10/07/24 09:33	10/07/24 22:36	1
Aroclor-1232	ND		67	28	ug/Kg	☼	10/07/24 09:33	10/07/24 22:36	1
Aroclor-1242	ND		67	26	ug/Kg	☼	10/07/24 09:33	10/07/24 22:36	1
Aroclor-1248	**170**		67	23	ug/Kg	☼	10/07/24 09:33	10/07/24 22:36	1
Aroclor-1254	ND		67	28	ug/Kg	☼	10/07/24 09:33	10/07/24 22:36	1
Aroclor-1260	ND		67	28	ug/Kg	☼	10/07/24 09:33	10/07/24 22:36	1
Aroclor-1262	ND		67	30	ug/Kg	☼	10/07/24 09:33	10/07/24 22:36	1
Aroclor-1268	ND		67	22	ug/Kg	☼	10/07/24 09:33	10/07/24 22:36	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Tetrachloro-m-xylene	*64*		*10 - 149*	*10/07/24 09:33*	*10/07/24 22:36*	*1*
DCB Decachlorobiphenyl	*79*		*10 - 174*	*10/07/24 09:33*	*10/07/24 22:36*	*1*

Method: SW846 6010D - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	**12**		1.8	0.38	mg/Kg	☼	10/07/24 15:00	10/08/24 15:37	1

Client: August Mack Environmental, Inc.
Project/Site: MSC Canfield - Soil

Job ID: 240-212437-1

Client Sample ID: T250-W-4.0
Date Collected: 10/04/24 12:12
Date Received: 10/04/24 16:30

Lab Sample ID: 240-212437-16
Matrix: Solid
Percent Solids: 74.9

Method: SW846 6010D - Metals (ICP) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Barium	73		24	0.15	mg/Kg	☼	10/07/24 15:00	10/08/24 15:37	1
Cadmium	0.35	J	0.60	0.057	mg/Kg	☼	10/07/24 15:00	10/08/24 15:37	1
Chromium	24		1.2	0.41	mg/Kg	☼	10/07/24 15:00	10/08/24 15:37	1
Copper	60		3.0	0.84	mg/Kg	☼	10/07/24 15:00	10/08/24 15:37	1
Lead	32		1.2	0.34	mg/Kg	☼	10/07/24 15:00	10/08/24 15:37	1
Selenium	1.2	J	2.4	0.56	mg/Kg	☼	10/07/24 15:00	10/08/24 15:37	1
Silver	ND		1.2	0.097	mg/Kg	☼	10/07/24 15:00	10/08/24 15:37	1
Zinc	370		6.0	4.3	mg/Kg	☼	10/07/24 15:00	10/08/24 15:37	1

Method: SW846 7471B - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.041	J	0.14	0.026	mg/Kg	☼	10/07/24 15:00	10/08/24 12:01	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cyanide, Total (SW846 9012B)	32	J	35	28	mg/Kg	☼	10/07/24 11:09	10/07/24 19:34	50

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Solids (EPA Moisture)	74.9		0.1	0.1	%			10/07/24 10:13	1
Percent Moisture (EPA Moisture)	25.1		0.1	0.1	%			10/07/24 10:13	1

Client: August Mack Environmental, Inc.
Project/Site: MSC Canfield - Soil

Job ID: 240-212437-1

Client Sample ID: TB4-20241004
Date Collected: 10/04/24 00:00
Date Received: 10/04/24 16:30

Lab Sample ID: 240-212437-17
Matrix: Water

Method: SW846 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		1.0	0.48	ug/L			10/05/24 18:03	1
1,1,2,2-Tetrachloroethane	ND		1.0	0.60	ug/L			10/05/24 18:03	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		1.0	0.41	ug/L			10/05/24 18:03	1
1,1,2-Trichloroethane	ND		1.0	0.48	ug/L			10/05/24 18:03	1
1,1-Dichloroethane	ND		1.0	0.47	ug/L			10/05/24 18:03	1
1,1-Dichloroethene	ND		1.0	0.49	ug/L			10/05/24 18:03	1
1,2,4-Trichlorobenzene	ND		1.0	0.77	ug/L			10/05/24 18:03	1
1,2-Dibromo-3-Chloropropane	ND		2.0	0.91	ug/L			10/05/24 18:03	1
Ethylene Dibromide	ND		1.0	0.41	ug/L			10/05/24 18:03	1
1,2-Dichlorobenzene	ND		1.0	0.48	ug/L			10/05/24 18:03	1
1,2-Dichloroethane	ND		1.0	0.46	ug/L			10/05/24 18:03	1
1,2-Dichloropropane	ND		1.0	0.47	ug/L			10/05/24 18:03	1
1,3-Dichlorobenzene	ND		1.0	0.45	ug/L			10/05/24 18:03	1
1,4-Dichlorobenzene	ND		1.0	0.41	ug/L			10/05/24 18:03	1
2-Butanone (MEK)	ND		10	1.2	ug/L			10/05/24 18:03	1
2-Hexanone	ND		10	1.1	ug/L			10/05/24 18:03	1
4-Methyl-2-pentanone (MIBK)	ND		10	0.99	ug/L			10/05/24 18:03	1
Acetone	ND		10	5.4	ug/L			10/05/24 18:03	1
Benzene	ND		1.0	0.42	ug/L			10/05/24 18:03	1
Dichlorobromomethane	ND		1.0	0.38	ug/L			10/05/24 18:03	1
Bromoform	ND		1.0	0.76	ug/L			10/05/24 18:03	1
Bromomethane	ND		1.0	0.42	ug/L			10/05/24 18:03	1
Carbon disulfide	ND		1.0	0.59	ug/L			10/05/24 18:03	1
Carbon tetrachloride	ND		1.0	0.26	ug/L			10/05/24 18:03	1
Chlorobenzene	ND		1.0	0.38	ug/L			10/05/24 18:03	1
Chloroethane	ND		1.0	0.83	ug/L			10/05/24 18:03	1
Chloroform	ND		1.0	0.47	ug/L			10/05/24 18:03	1
Chloromethane	ND		1.0	0.63	ug/L			10/05/24 18:03	1
cis-1,2-Dichloroethene	ND		1.0	0.46	ug/L			10/05/24 18:03	1
cis-1,3-Dichloropropene	ND		1.0	0.61	ug/L			10/05/24 18:03	1
Cyclohexane	ND		1.0	0.48	ug/L			10/05/24 18:03	1
Chlorodibromomethane	ND		1.0	0.39	ug/L			10/05/24 18:03	1
Dichlorodifluoromethane	ND		1.0	0.35	ug/L			10/05/24 18:03	1
Ethylbenzene	ND		1.0	0.42	ug/L			10/05/24 18:03	1
Isopropylbenzene	ND		1.0	0.49	ug/L			10/05/24 18:03	1
Methyl acetate	ND		10	1.7	ug/L			10/05/24 18:03	1
Methyl tert-butyl ether	ND		1.0	0.47	ug/L			10/05/24 18:03	1
Methylcyclohexane	ND		1.0	0.33	ug/L			10/05/24 18:03	1
Methylene Chloride	ND		5.0	2.6	ug/L			10/05/24 18:03	1
Styrene	ND		1.0	0.45	ug/L			10/05/24 18:03	1
Tetrachloroethene	ND		1.0	0.44	ug/L			10/05/24 18:03	1
Toluene	ND		1.0	0.44	ug/L			10/05/24 18:03	1
trans-1,2-Dichloroethene	ND		1.0	0.51	ug/L			10/05/24 18:03	1
trans-1,3-Dichloropropene	ND		1.0	0.67	ug/L			10/05/24 18:03	1
Trichloroethene	ND		1.0	0.44	ug/L			10/05/24 18:03	1
Trichlorofluoromethane	ND		1.0	0.45	ug/L			10/05/24 18:03	1
Vinyl chloride	ND		1.0	0.45	ug/L			10/05/24 18:03	1
Xylenes, Total	ND		2.0	0.42	ug/L			10/05/24 18:03	1

Client: August Mack Environmental, Inc.
Project/Site: MSC Canfield - Soil

Job ID: 240-212437-1

Client Sample ID: TB4-20241004
Date Collected: 10/04/24 00:00
Date Received: 10/04/24 16:30

Lab Sample ID: 240-212437-17
Matrix: Water

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
Toluene-d8 (Surr)	100		78 - 122		10/05/24 18:03	1
Dibromofluoromethane (Surr)	134	S1+	73 - 120		10/05/24 18:03	1
4-Bromofluorobenzene (Surr)	89		56 - 136		10/05/24 18:03	1
1,2-Dichloroethane-d4 (Surr)	138	S1+	62 - 137		10/05/24 18:03	1

Surrogate Summary

Client: August Mack Environmental, Inc.
Project/Site: MSC Canfield - Soil

Job ID: 240-212437-1

Method: 8260D - Volatile Organic Compounds by GC/MS

Matrix: Solid — **Prep Type: Total/NA**

		Percent Surrogate Recovery (Acceptance Limits)			
		TOL	DBFM	BFB	DCA
Lab Sample ID	Client Sample ID	(56-125)	(41-138)	(41-143)	(58-125)
240-212437-1	T875-W-0.0	101	91	96	97
240-212437-2	T875-E-0.0	106	94	95	100
240-212437-3	T875-C-0.0	98	89	92	96
240-212437-4	T1000-W-0.0	102	95	95	101
240-212437-5	T1000-E-0.0	101	89	88	99
240-212437-6	T1000-C-0.0	98	85	92	95
240-212437-7	T1125-W-0.0	95	84	89	94
240-212437-8	T1125-E-0.0	104	98	100	103
240-212437-9	T1125-C-0.0	105	99	96	100
240-212437-10	DUP3-20241003	103	93	99	100
240-212437-12	T125-E-2.0	104	92	96	100
240-212437-13	T125-W-2.0	95	90	96	99
240-212437-14	T250-E-2.0	101	91	97	100
240-212437-15	T250-W-2.0	96	85	91	92
240-212437-16	T250-W-4.0	102	94	102	105
LCS 240-629628/5	Lab Control Sample	96	97	99	97
LCS 240-629668/5	Lab Control Sample	101	104	105	104
MB 240-629628/7	Method Blank	94	90	93	96
MB 240-629668/7	Method Blank	95	88	98	99

Surrogate Legend

TOL = Toluene-d8 (Surr)
DBFM = Dibromofluoromethane (Surr)
BFB = 4-Bromofluorobenzene (Surr)
DCA = 1,2-Dichloroethane-d4 (Surr)

Method: 8260D - Volatile Organic Compounds by GC/MS

Matrix: Water — **Prep Type: Total/NA**

		Percent Surrogate Recovery (Acceptance Limits)			
		TOL	DBFM	BFB	DCA
Lab Sample ID	Client Sample ID	(78-122)	(73-120)	(56-136)	(62-137)
240-212437-11	TB3-20241003	96	129 S1+	89	133
240-212437-17	TB4-20241004	100	134 S1+	89	138 S1+
LCS 240-629641/4	Lab Control Sample	101	100	93	100
MB 240-629641/7	Method Blank	102	129 S1+	94	135

Surrogate Legend

TOL = Toluene-d8 (Surr)
DBFM = Dibromofluoromethane (Surr)
BFB = 4-Bromofluorobenzene (Surr)
DCA = 1,2-Dichloroethane-d4 (Surr)

Method: 8260D - Volatile Organic Compounds by GC/MS

Matrix: Water — **Prep Type: Total/NA**

		Percent Surrogate Recovery (Acceptance Limits)			
		TOL	DBFM	BFB	DCA
Lab Sample ID	Client Sample ID	(10-150)	(10-150)	(10-150)	(10-150)
MRL 240-629641/5	Lab Control Sample	96	117	99	120

Surrogate Legend

Surrogate Summary

Client: August Mack Environmental, Inc. Job ID: 240-212437-1
Project/Site: MSC Canfield - Soil

TOL = Toluene-d8 (Surr)
DBFM = Dibromofluoromethane (Surr)
BFB = 4-Bromofluorobenzene (Surr)
DCA = 1,2-Dichloroethane-d4 (Surr)

Method: 8270E - Semivolatile Organic Compounds (GC/MS)

Matrix: Solid **Prep Type: Total/NA**

		Percent Surrogate Recovery (Acceptance Limits)					
		TPHL	PHL	NBZ	2FP	FBP	TBP
Lab Sample ID	Client Sample ID	(37-120)	(29-120)	(28-120)	(26-120)	(36-120)	(10-120)
240-212437-1	T875-W-0.0	60	63	58	60	65	68
240-212437-2	T875-E-0.0	72	74	65	70	73	83
240-212437-3	T875-C-0.0	71	75	68	73	72	69
240-212437-4	T1000-W-0.0	71	73	67	70	74	84
240-212437-5	T1000-E-0.0	66	73	66	70	72	80
240-212437-6	T1000-C-0.0	63	69	62	66	66	32
240-212437-7	T1125-W-0.0	64	75	62	72	70	72
240-212437-8	T1125-E-0.0	64	69	63	69	70	78
240-212437-9	T1125-C-0.0	73	78	70	75	79	71
240-212437-10	DUP3-20241003	71	78	27 S1-	76	81	56
240-212437-12	T125-E-2.0	67	73	52	72	73	63
240-212437-13	T125-W-2.0	64	74	48	72	74	61
240-212437-14	T250-E-2.0	80	92	56	83	88	83
240-212437-15	T250-W-2.0	67	73	34	71	74	76
240-212437-16	T250-W-4.0	65	73	47	68	71	73
LCS 240-629734/2-A	Lab Control Sample	82	82	80	81	77	88
MB 240-629734/1-A	Method Blank	69	73	66	72	70	64

Surrogate Legend

TPHL = Terphenyl-d14 (Surr)
PHL = Phenol-d5 (Surr)
NBZ = Nitrobenzene-d5 (Surr)
2FP = 2-Fluorophenol (Surr)
FBP = 2-Fluorobiphenyl (Surr)
TBP = 2,4,6-Tribromophenol (Surr)

Method: 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Matrix: Solid **Prep Type: Total/NA**

		Percent Surrogate Recovery (Acceptance Limits)			
		TCX1	TCX2	DCBP1	DCBP2
Lab Sample ID	Client Sample ID	(10-149)	(10-149)	(10-174)	(10-174)
240-212437-1	T875-W-0.0	75		83	
240-212437-2	T875-E-0.0	60		57	
240-212437-3	T875-C-0.0	65		63	
240-212437-4	T1000-W-0.0	74		82	
240-212437-5	T1000-E-0.0	68		77	
240-212437-6	T1000-C-0.0	74		81	
240-212437-7	T1125-W-0.0	69		73	
240-212437-8	T1125-E-0.0	76		81	
240-212437-9	T1125-C-0.0	71		79	
240-212437-10	DUP3-20241003	63		79	
240-212437-12	T125-E-2.0	44		58	
240-212437-13	T125-W-2.0	67		78	
240-212437-14	T250-E-2.0	62		55	
240-212437-15	T250-W-2.0	67	66	74	64

Surrogate Summary

Client: August Mack Environmental, Inc. Job ID: 240-212437-1
Project/Site: MSC Canfield - Soil

Method: 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography (Continued)

Matrix: Solid **Prep Type: Total/NA**

		Percent Surrogate Recovery (Acceptance Limits)							
		TCX1	TCX2	DCBP1	DCBP2				
Lab Sample ID	Client Sample ID	(10-149)	(10-149)	(10-174)	(10-174)				
240-212437-16	T250-W-4.0	64		79					
LCS 240-629737/2-A	Lab Control Sample	92		94					
MB 240-629737/1-A	Method Blank	84		85					

Surrogate Legend

TCX = Tetrachloro-m-xylene

DCBP = DCB Decachlorobiphenyl

Method: 8260D - Volatile Organic Compounds by GC/MS

Lab Sample ID: MB 240-629628/7
Matrix: Solid
Analysis Batch: 629628

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		5.0	1.8	ug/Kg			10/05/24 11:06	1
1,1,2,2-Tetrachloroethane	ND		5.0	1.4	ug/Kg			10/05/24 11:06	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		5.0	1.3	ug/Kg			10/05/24 11:06	1
1,1,2-Trichloroethane	ND		5.0	1.1	ug/Kg			10/05/24 11:06	1
1,1-Dichloroethane	ND		5.0	1.4	ug/Kg			10/05/24 11:06	1
1,1-Dichloroethene	ND		5.0	1.8	ug/Kg			10/05/24 11:06	1
1,2,4-Trichlorobenzene	ND		5.0	2.5	ug/Kg			10/05/24 11:06	1
1,2-Dibromo-3-Chloropropane	ND		10	3.6	ug/Kg			10/05/24 11:06	1
Ethylene Dibromide	ND		5.0	0.77	ug/Kg			10/05/24 11:06	1
1,2-Dichlorobenzene	ND		5.0	1.1	ug/Kg			10/05/24 11:06	1
1,2-Dichloroethane	ND		5.0	1.8	ug/Kg			10/05/24 11:06	1
1,2-Dichloropropane	ND		5.0	0.85	ug/Kg			10/05/24 11:06	1
1,3-Dichlorobenzene	ND		5.0	1.6	ug/Kg			10/05/24 11:06	1
1,4-Dichlorobenzene	ND		5.0	0.88	ug/Kg			10/05/24 11:06	1
2-Butanone (MEK)	ND		20	3.6	ug/Kg			10/05/24 11:06	1
2-Hexanone	ND		20	4.1	ug/Kg			10/05/24 11:06	1
4-Methyl-2-pentanone (MIBK)	ND		20	3.7	ug/Kg			10/05/24 11:06	1
Acetone	ND		25	21	ug/Kg			10/05/24 11:06	1
Benzene	ND		5.0	0.70	ug/Kg			10/05/24 11:06	1
Dichlorobromomethane	ND		5.0	1.5	ug/Kg			10/05/24 11:06	1
Bromoform	ND		5.0	2.4	ug/Kg			10/05/24 11:06	1
Bromomethane	ND		5.0	4.2	ug/Kg			10/05/24 11:06	1
Carbon disulfide	ND		5.0	1.2	ug/Kg			10/05/24 11:06	1
Carbon tetrachloride	ND		5.0	3.3	ug/Kg			10/05/24 11:06	1
Chlorobenzene	ND		5.0	0.92	ug/Kg			10/05/24 11:06	1
Chloroethane	ND		5.0	2.7	ug/Kg			10/05/24 11:06	1
Chloroform	ND		5.0	0.79	ug/Kg			10/05/24 11:06	1
Chloromethane	ND		5.0	2.3	ug/Kg			10/05/24 11:06	1
cis-1,2-Dichloroethene	ND		5.0	1.5	ug/Kg			10/05/24 11:06	1
cis-1,3-Dichloropropene	ND		5.0	2.9	ug/Kg			10/05/24 11:06	1
Cyclohexane	ND		10	1.4	ug/Kg			10/05/24 11:06	1
Chlorodibromomethane	ND		5.0	2.8	ug/Kg			10/05/24 11:06	1
Dichlorodifluoromethane	ND		5.0	2.3	ug/Kg			10/05/24 11:06	1
Ethylbenzene	ND		5.0	1.0	ug/Kg			10/05/24 11:06	1
Isopropylbenzene	ND		5.0	1.9	ug/Kg			10/05/24 11:06	1
Methyl acetate	ND		25	3.4	ug/Kg			10/05/24 11:06	1
Methyl tert-butyl ether	ND		5.0	2.0	ug/Kg			10/05/24 11:06	1
Methylcyclohexane	ND		10	1.2	ug/Kg			10/05/24 11:06	1
Methylene Chloride	ND		25	12	ug/Kg			10/05/24 11:06	1
Styrene	ND		5.0	1.2	ug/Kg			10/05/24 11:06	1
Tetrachloroethene	ND		5.0	3.9	ug/Kg			10/05/24 11:06	1
Toluene	ND		5.0	0.77	ug/Kg			10/05/24 11:06	1
trans-1,2-Dichloroethene	ND		5.0	1.4	ug/Kg			10/05/24 11:06	1
trans-1,3-Dichloropropene	ND		5.0	3.7	ug/Kg			10/05/24 11:06	1
Trichloroethene	ND		5.0	1.4	ug/Kg			10/05/24 11:06	1
Trichlorofluoromethane	ND		5.0	2.7	ug/Kg			10/05/24 11:06	1
Vinyl chloride	ND		5.0	1.8	ug/Kg			10/05/24 11:06	1
Xylenes, Total	ND		10	1.6	ug/Kg			10/05/24 11:06	1

Method: 8260D - Volatile Organic Compounds by GC/MS (Continued)

Lab Sample ID: MB 240-629628/7
Matrix: Solid
Analysis Batch: 629628

Client Sample ID: Method Blank
Prep Type: Total/NA

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
Toluene-d8 (Surr)	*94*		*56 - 125*		*10/05/24 11:06*	*1*
Dibromofluoromethane (Surr)	*90*		*41 - 138*		*10/05/24 11:06*	*1*
4-Bromofluorobenzene (Surr)	*93*		*41 - 143*		*10/05/24 11:06*	*1*
1,2-Dichloroethane-d4 (Surr)	*96*		*58 - 125*		*10/05/24 11:06*	*1*

Lab Sample ID: LCS 240-629628/5
Matrix: Solid
Analysis Batch: 629628

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
1,1,1-Trichloroethane	50.0	52.6		ug/Kg		105	74 - 136
1,1,2,2-Tetrachloroethane	50.0	45.6		ug/Kg		91	66 - 129
1,1,2-Trichloro-1,2,2-trifluoroethane	50.0	49.3		ug/Kg		99	64 - 148
1,1,2-Trichloroethane	50.0	48.2		ug/Kg		96	79 - 120
1,1-Dichloroethane	50.0	49.6		ug/Kg		99	74 - 121
1,1-Dichloroethene	50.0	51.0		ug/Kg		102	68 - 141
1,2,4-Trichlorobenzene	50.0	52.0		ug/Kg		104	58 - 132
1,2-Dibromo-3-Chloropropane	50.0	44.0		ug/Kg		88	52 - 133
Ethylene Dibromide	50.0	47.8		ug/Kg		96	80 - 121
1,2-Dichlorobenzene	50.0	50.0		ug/Kg		100	73 - 120
1,2-Dichloroethane	50.0	47.0		ug/Kg		94	71 - 123
1,2-Dichloropropane	50.0	46.7		ug/Kg		93	76 - 126
1,3-Dichlorobenzene	50.0	51.4		ug/Kg		103	73 - 120
1,4-Dichlorobenzene	50.0	50.4		ug/Kg		101	74 - 120
2-Butanone (MEK)	100	95.7		ug/Kg		96	63 - 142
2-Hexanone	100	93.9		ug/Kg		94	65 - 142
4-Methyl-2-pentanone (MIBK)	100	93.0		ug/Kg		93	62 - 142
Acetone	100	101		ug/Kg		101	58 - 160
Benzene	50.0	48.9		ug/Kg		98	76 - 121
Dichlorobromomethane	50.0	51.6		ug/Kg		103	71 - 138
Bromoform	50.0	42.8		ug/Kg		86	57 - 140
Bromomethane	50.0	47.5		ug/Kg		95	10 - 171
Carbon disulfide	50.0	49.6		ug/Kg		99	43 - 152
Carbon tetrachloride	50.0	53.6		ug/Kg		107	64 - 144
Chlorobenzene	50.0	48.9		ug/Kg		98	80 - 120
Chloroethane	50.0	54.0		ug/Kg		108	11 - 164
Chloroform	50.0	48.7		ug/Kg		97	78 - 120
Chloromethane	50.0	44.6		ug/Kg		89	41 - 142
cis-1,2-Dichloroethene	50.0	49.4		ug/Kg		99	78 - 124
cis-1,3-Dichloropropene	50.0	48.1		ug/Kg		96	70 - 133
Cyclohexane	50.0	51.0		ug/Kg		102	65 - 137
Chlorodibromomethane	50.0	48.8		ug/Kg		98	68 - 131
Dichlorodifluoromethane	50.0	43.1		ug/Kg		86	21 - 150
Ethylbenzene	50.0	50.1		ug/Kg		100	80 - 120
Isopropylbenzene	50.0	56.9		ug/Kg		114	80 - 130
Methyl acetate	100	76.3		ug/Kg		76	60 - 133
Methyl tert-butyl ether	50.0	46.9		ug/Kg		94	70 - 130
Methylcyclohexane	50.0	52.0		ug/Kg		104	70 - 138

Method: 8260D - Volatile Organic Compounds by GC/MS (Continued)

Lab Sample ID: LCS 240-629628/5
Matrix: Solid
Analysis Batch: 629628

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Methylene Chloride	50.0	44.9		ug/Kg		90	71 - 124
Styrene	50.0	49.7		ug/Kg		99	75 - 140
Tetrachloroethene	50.0	52.0		ug/Kg		104	76 - 127
Toluene	50.0	47.4		ug/Kg		95	80 - 120
trans-1,2-Dichloroethene	50.0	50.2		ug/Kg		100	76 - 130
trans-1,3-Dichloropropene	50.0	52.1		ug/Kg		104	61 - 121
Trichloroethene	50.0	51.5		ug/Kg		103	74 - 130
Trichlorofluoromethane	50.0	65.3		ug/Kg		131	50 - 154
Vinyl chloride	50.0	56.4		ug/Kg		113	49 - 146
Xylenes, Total	100	102		ug/Kg		102	80 - 122
m-Xylene & p-Xylene	50.0	50.4		ug/Kg		101	80 - 122
o-Xylene	50.0	51.3		ug/Kg		103	80 - 124

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
Toluene-d8 (Surr)	*96*		*56 - 125*
Dibromofluoromethane (Surr)	*97*		*41 - 138*
4-Bromofluorobenzene (Surr)	*99*		*41 - 143*
1,2-Dichloroethane-d4 (Surr)	*97*		*58 - 125*

Lab Sample ID: MB 240-629641/7
Matrix: Water
Analysis Batch: 629641

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		1.0	0.48	ug/L			10/05/24 17:18	1
1,1,2,2-Tetrachloroethane	ND		1.0	0.60	ug/L			10/05/24 17:18	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		1.0	0.41	ug/L			10/05/24 17:18	1
1,1,2-Trichloroethane	ND		1.0	0.48	ug/L			10/05/24 17:18	1
1,1-Dichloroethane	ND		1.0	0.47	ug/L			10/05/24 17:18	1
1,1-Dichloroethene	ND		1.0	0.49	ug/L			10/05/24 17:18	1
1,2,4-Trichlorobenzene	ND		1.0	0.77	ug/L			10/05/24 17:18	1
1,2-Dibromo-3-Chloropropane	ND		2.0	0.91	ug/L			10/05/24 17:18	1
Ethylene Dibromide	ND		1.0	0.41	ug/L			10/05/24 17:18	1
1,2-Dichlorobenzene	ND		1.0	0.48	ug/L			10/05/24 17:18	1
1,2-Dichloroethane	ND		1.0	0.46	ug/L			10/05/24 17:18	1
1,2-Dichloropropane	ND		1.0	0.47	ug/L			10/05/24 17:18	1
1,3-Dichlorobenzene	ND		1.0	0.45	ug/L			10/05/24 17:18	1
1,4-Dichlorobenzene	ND		1.0	0.41	ug/L			10/05/24 17:18	1
2-Butanone (MEK)	ND		10	1.2	ug/L			10/05/24 17:18	1
2-Hexanone	ND		10	1.1	ug/L			10/05/24 17:18	1
4-Methyl-2-pentanone (MIBK)	ND		10	0.99	ug/L			10/05/24 17:18	1
Acetone	ND		10	5.4	ug/L			10/05/24 17:18	1
Benzene	ND		1.0	0.42	ug/L			10/05/24 17:18	1
Dichlorobromomethane	ND		1.0	0.38	ug/L			10/05/24 17:18	1
Bromoform	ND		1.0	0.76	ug/L			10/05/24 17:18	1
Bromomethane	ND		1.0	0.42	ug/L			10/05/24 17:18	1
Carbon disulfide	ND		1.0	0.59	ug/L			10/05/24 17:18	1
Carbon tetrachloride	ND		1.0	0.26	ug/L			10/05/24 17:18	1

Method: 8260D - Volatile Organic Compounds by GC/MS (Continued)

Lab Sample ID: MB 240-629641/7
Matrix: Water
Analysis Batch: 629641

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chlorobenzene	ND		1.0	0.38	ug/L			10/05/24 17:18	1
Chloroethane	ND		1.0	0.83	ug/L			10/05/24 17:18	1
Chloroform	ND		1.0	0.47	ug/L			10/05/24 17:18	1
Chloromethane	ND		1.0	0.63	ug/L			10/05/24 17:18	1
cis-1,2-Dichloroethene	ND		1.0	0.46	ug/L			10/05/24 17:18	1
cis-1,3-Dichloropropene	ND		1.0	0.61	ug/L			10/05/24 17:18	1
Cyclohexane	ND		1.0	0.48	ug/L			10/05/24 17:18	1
Chlorodibromomethane	ND		1.0	0.39	ug/L			10/05/24 17:18	1
Dichlorodifluoromethane	ND		1.0	0.35	ug/L			10/05/24 17:18	1
Ethylbenzene	ND		1.0	0.42	ug/L			10/05/24 17:18	1
Isopropylbenzene	ND		1.0	0.49	ug/L			10/05/24 17:18	1
Methyl acetate	ND		10	1.7	ug/L			10/05/24 17:18	1
Methyl tert-butyl ether	ND		1.0	0.47	ug/L			10/05/24 17:18	1
Methylcyclohexane	ND		1.0	0.33	ug/L			10/05/24 17:18	1
Methylene Chloride	ND		5.0	2.6	ug/L			10/05/24 17:18	1
Styrene	ND		1.0	0.45	ug/L			10/05/24 17:18	1
Tetrachloroethene	ND		1.0	0.44	ug/L			10/05/24 17:18	1
Toluene	ND		1.0	0.44	ug/L			10/05/24 17:18	1
trans-1,2-Dichloroethene	ND		1.0	0.51	ug/L			10/05/24 17:18	1
trans-1,3-Dichloropropene	ND		1.0	0.67	ug/L			10/05/24 17:18	1
Trichloroethene	ND		1.0	0.44	ug/L			10/05/24 17:18	1
Trichlorofluoromethane	ND		1.0	0.45	ug/L			10/05/24 17:18	1
Vinyl chloride	ND		1.0	0.45	ug/L			10/05/24 17:18	1
Xylenes, Total	ND		2.0	0.42	ug/L			10/05/24 17:18	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Toluene-d8 (Surr)	*102*		*78 - 122*		*10/05/24 17:18*	*1*
Dibromofluoromethane (Surr)	*129*	*S1+*	*73 - 120*		*10/05/24 17:18*	*1*
4-Bromofluorobenzene (Surr)	*94*		*56 - 136*		*10/05/24 17:18*	*1*
1,2-Dichloroethane-d4 (Surr)	*135*		*62 - 137*		*10/05/24 17:18*	*1*

Lab Sample ID: LCS 240-629641/4
Matrix: Water
Analysis Batch: 629641

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
1,1,1-Trichloroethane	25.0	26.7		ug/L		107	64 - 131
1,1,2,2-Tetrachloroethane	25.0	25.9		ug/L		104	58 - 157
1,1,2-Trichloro-1,2,2-trifluoroetha ne	25.0	30.4		ug/L		121	51 - 146
1,1,2-Trichloroethane	25.0	26.0		ug/L		104	70 - 138
1,1-Dichloroethane	25.0	23.2		ug/L		93	72 - 127
1,1-Dichloroethene	25.0	27.5		ug/L		110	63 - 134
1,2,4-Trichlorobenzene	25.0	26.0		ug/L		104	44 - 147
1,2-Dibromo-3-Chloropropane	25.0	24.8		ug/L		99	53 - 135
Ethylene Dibromide	25.0	27.4		ug/L		109	71 - 134
1,2-Dichlorobenzene	25.0	25.1		ug/L		101	78 - 120
1,2-Dichloroethane	25.0	23.2		ug/L		93	66 - 128
1,2-Dichloropropane	25.0	23.0		ug/L		92	75 - 133

Method: 8260D - Volatile Organic Compounds by GC/MS (Continued)

Lab Sample ID: LCS 240-629641/4
Matrix: Water
Analysis Batch: 629641

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
1,3-Dichlorobenzene	25.0	25.6		ug/L		102	80 - 120
1,4-Dichlorobenzene	25.0	25.6		ug/L		103	80 - 120
2-Butanone (MEK)	50.0	47.4		ug/L		95	54 - 156
2-Hexanone	50.0	45.6		ug/L		91	43 - 167
4-Methyl-2-pentanone (MIBK)	50.0	42.7		ug/L		85	46 - 158
Acetone	50.0	59.8		ug/L		120	50 - 149
Benzene	25.0	23.7		ug/L		95	77 - 123
Dichlorobromomethane	25.0	27.2		ug/L		109	69 - 126
Bromoform	25.0	24.4		ug/L		98	57 - 129
Bromomethane	12.5	10.8		ug/L		87	36 - 142
Carbon disulfide	25.0	30.4		ug/L		122	43 - 140
Carbon tetrachloride	25.0	28.6		ug/L		114	55 - 137
Chlorobenzene	25.0	24.6		ug/L		99	80 - 121
Chloroethane	12.5	11.3		ug/L		90	38 - 152
Chloroform	25.0	24.5		ug/L		98	74 - 122
Chloromethane	12.5	10.1		ug/L		81	47 - 143
cis-1,2-Dichloroethene	25.0	23.6		ug/L		94	77 - 123
cis-1,3-Dichloropropene	25.0	24.2		ug/L		97	64 - 130
Cyclohexane	25.0	26.4		ug/L		106	58 - 146
Chlorodibromomethane	25.0	25.2		ug/L		101	70 - 124
Dichlorodifluoromethane	12.5	7.15		ug/L		57	34 - 153
Ethylbenzene	25.0	25.5		ug/L		102	80 - 121
Isopropylbenzene	25.0	29.9		ug/L		119	74 - 128
Methyl acetate	50.0	57.3		ug/L		115	42 - 169
Methyl tert-butyl ether	25.0	25.1		ug/L		100	65 - 126
Methylcyclohexane	25.0	28.2		ug/L		113	62 - 136
Methylene Chloride	25.0	28.8		ug/L		115	71 - 125
Styrene	25.0	26.5		ug/L		106	80 - 135
Tetrachloroethene	25.0	26.5		ug/L		106	76 - 123
Toluene	25.0	23.7		ug/L		95	80 - 123
trans-1,2-Dichloroethene	25.0	25.9		ug/L		103	75 - 124
trans-1,3-Dichloropropene	25.0	23.6		ug/L		94	57 - 129
Trichloroethene	25.0	24.0		ug/L		96	70 - 122
Trichlorofluoromethane	12.5	13.0		ug/L		104	30 - 170
Vinyl chloride	12.5	10.6		ug/L		85	60 - 144
Xylenes, Total	50.0	51.7		ug/L		103	80 - 121
m-Xylene & p-Xylene	25.0	26.1		ug/L		104	80 - 120
o-Xylene	25.0	25.6		ug/L		103	80 - 123

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
Toluene-d8 (Surr)	*101*		*78 - 122*
Dibromofluoromethane (Surr)	*100*		*73 - 120*
4-Bromofluorobenzene (Surr)	*93*		*56 - 136*
1,2-Dichloroethane-d4 (Surr)	*100*		*62 - 137*

Method: 8260D - Volatile Organic Compounds by GC/MS (Continued)

Lab Sample ID: MRL 240-629641/5
Matrix: Water
Analysis Batch: 629641

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	MRL Result	MRL Qualifier	Unit	D	%Rec	%Rec Limits
1,1,1-Trichloroethane	0.00100	0.00119		ng/uL		119	10 - 150
1,1,2,2-Tetrachloroethane	0.00100	0.00117		ng/uL		117	10 - 150
1,1,2-Trichloro-1,2,2-trifluoroethane	0.00100	0.00164	^3+	ng/uL		164	10 - 150
1,1,2-Trichloroethane	0.00100	0.000909	J	ng/uL		91	10 - 150
1,1-Dichloroethane	0.00100	0.00127		ng/uL		127	10 - 150
1,1-Dichloroethene	0.00100	0.00150		ng/uL		150	10 - 150
1,2,4-Trichlorobenzene	0.00100	0.00112		ng/uL		112	10 - 150
1,2-Dibromo-3-Chloropropane	0.00100	ND		ng/uL		90	10 - 150
Ethylene Dibromide	0.00100	0.000925	J	ng/uL		93	10 - 150
1,2-Dichlorobenzene	0.00100	0.00120		ng/uL		120	10 - 150
1,2-Dichloroethane	0.00100	0.00128		ng/uL		128	10 - 150
1,2-Dichloropropane	0.00100	0.00104		ng/uL		104	10 - 150
1,3-Dichlorobenzene	0.00100	0.00114		ng/uL		114	10 - 150
1,4-Dichlorobenzene	0.00100	0.00132		ng/uL		132	10 - 150
2-Butanone (MEK)	0.00200	0.00239	J	ng/uL		120	10 - 150
2-Hexanone	0.00200	0.00133	J	ng/uL		66	10 - 150
4-Methyl-2-pentanone (MIBK)	0.00200	0.00192	J	ng/uL		96	10 - 150
Acetone	0.00200	ND		ng/uL		43	10 - 150
Benzene	0.00100	0.00103		ng/uL		103	10 - 150
Dichlorobromomethane	0.00100	0.00112		ng/uL		112	10 - 150
Bromoform	0.00100	0.00147		ng/uL		147	10 - 150
Bromomethane	0.00100	0.00160	^3+	ng/uL		160	10 - 150
Carbon disulfide	0.00100	0.00188	^3+	ng/uL		188	10 - 150
Carbon tetrachloride	0.00100	0.00119		ng/uL		119	10 - 150
Chlorobenzene	0.00100	0.00107		ng/uL		107	10 - 150
Chloroethane	0.00100	0.00131		ng/uL		131	10 - 150
Chloroform	0.00100	0.00115		ng/uL		115	10 - 150
Chloromethane	0.00100	0.00137		ng/uL		137	10 - 150
cis-1,2-Dichloroethene	0.00100	0.00140		ng/uL		140	10 - 150
cis-1,3-Dichloropropene	0.00100	0.000810	J	ng/uL		81	10 - 150
Cyclohexane	0.00100	0.00112		ng/uL		112	10 - 150
Chlorodibromomethane	0.00100	0.00152	^3+	ng/uL		152	10 - 150
Dichlorodifluoromethane	0.00100	0.00106		ng/uL		106	10 - 150
Ethylbenzene	0.00100	0.000901	J	ng/uL		90	10 - 150
Isopropylbenzene	0.00100	0.000811	J	ng/uL		81	10 - 150
Methyl acetate	0.00200	0.00349	J ^3+	ng/uL		175	10 - 150
Methyl tert-butyl ether	0.00100	0.00119		ng/uL		119	10 - 150
Methylcyclohexane	0.00100	0.000966	J	ng/uL		97	10 - 150
Methylene Chloride	0.00100	ND	^3+	ng/uL		193	10 - 150
Styrene	0.00100	0.000723	J	ng/uL		72	10 - 150
Tetrachloroethene	0.00100	0.00120		ng/uL		120	10 - 150
Toluene	0.00100	0.00108		ng/uL		108	10 - 150
trans-1,2-Dichloroethene	0.00100	0.00150		ng/uL		150	10 - 150
trans-1,3-Dichloropropene	0.00100	0.00148		ng/uL		148	10 - 150
Trichloroethene	0.00100	0.00112		ng/uL		112	10 - 150
Trichlorofluoromethane	0.00100	0.00150		ng/uL		150	10 - 150
Vinyl chloride	0.00100	0.00117		ng/uL		117	10 - 150
Xylenes, Total	0.00200	0.00155	J	ng/uL		78	10 - 150

Method: 8260D - Volatile Organic Compounds by GC/MS (Continued)

Lab Sample ID: MRL 240-629641/5
Matrix: Water
Analysis Batch: 629641

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte			Spike Added	MRL Result	MRL Qualifier	Unit	D	%Rec	%Rec Limits		
m-Xylene & p-Xylene			0.00100	0.000793	J	ng/uL		79	10 - 150		
o-Xylene			0.00100	0.000760	J	ng/uL		76	10 - 150		

Surrogate	*MRL %Recovery*	*MRL Qualifier*	*Limits*
Toluene-d8 (Surr)	*96*		*10 - 150*
Dibromofluoromethane (Surr)	*117*		*10 - 150*
4-Bromofluorobenzene (Surr)	*99*		*10 - 150*
1,2-Dichloroethane-d4 (Surr)	*120*		*10 - 150*

Lab Sample ID: MB 240-629668/7
Matrix: Solid
Analysis Batch: 629668

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		5.0	1.8	ug/Kg			10/07/24 07:15	1
1,1,2,2-Tetrachloroethane	ND		5.0	1.4	ug/Kg			10/07/24 07:15	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		5.0	1.3	ug/Kg			10/07/24 07:15	1
1,1,2-Trichloroethane	ND		5.0	1.1	ug/Kg			10/07/24 07:15	1
1,1-Dichloroethane	ND		5.0	1.4	ug/Kg			10/07/24 07:15	1
1,1-Dichloroethene	ND		5.0	1.8	ug/Kg			10/07/24 07:15	1
1,2,4-Trichlorobenzene	ND		5.0	2.5	ug/Kg			10/07/24 07:15	1
1,2-Dibromo-3-Chloropropane	ND		10	3.6	ug/Kg			10/07/24 07:15	1
Ethylene Dibromide	ND		5.0	0.77	ug/Kg			10/07/24 07:15	1
1,2-Dichlorobenzene	ND		5.0	1.1	ug/Kg			10/07/24 07:15	1
1,2-Dichloroethane	ND		5.0	1.8	ug/Kg			10/07/24 07:15	1
1,2-Dichloropropane	ND		5.0	0.85	ug/Kg			10/07/24 07:15	1
1,3-Dichlorobenzene	ND		5.0	1.6	ug/Kg			10/07/24 07:15	1
1,4-Dichlorobenzene	ND		5.0	0.88	ug/Kg			10/07/24 07:15	1
2-Butanone (MEK)	ND		20	3.6	ug/Kg			10/07/24 07:15	1
2-Hexanone	ND		20	4.1	ug/Kg			10/07/24 07:15	1
4-Methyl-2-pentanone (MIBK)	ND		20	3.7	ug/Kg			10/07/24 07:15	1
Acetone	ND		25	21	ug/Kg			10/07/24 07:15	1
Benzene	ND		5.0	0.70	ug/Kg			10/07/24 07:15	1
Dichlorobromomethane	ND		5.0	1.5	ug/Kg			10/07/24 07:15	1
Bromoform	ND		5.0	2.4	ug/Kg			10/07/24 07:15	1
Bromomethane	ND		5.0	4.2	ug/Kg			10/07/24 07:15	1
Carbon disulfide	ND		5.0	1.2	ug/Kg			10/07/24 07:15	1
Carbon tetrachloride	ND		5.0	3.3	ug/Kg			10/07/24 07:15	1
Chlorobenzene	ND		5.0	0.92	ug/Kg			10/07/24 07:15	1
Chloroethane	ND		5.0	2.7	ug/Kg			10/07/24 07:15	1
Chloroform	ND		5.0	0.79	ug/Kg			10/07/24 07:15	1
Chloromethane	ND		5.0	2.3	ug/Kg			10/07/24 07:15	1
cis-1,2-Dichloroethene	ND		5.0	1.5	ug/Kg			10/07/24 07:15	1
cis-1,3-Dichloropropene	ND		5.0	2.9	ug/Kg			10/07/24 07:15	1
Cyclohexane	ND		10	1.4	ug/Kg			10/07/24 07:15	1
Chlorodibromomethane	ND		5.0	2.8	ug/Kg			10/07/24 07:15	1
Dichlorodifluoromethane	ND		5.0	2.3	ug/Kg			10/07/24 07:15	1
Ethylbenzene	ND		5.0	1.0	ug/Kg			10/07/24 07:15	1

Method: 8260D - Volatile Organic Compounds by GC/MS (Continued)

Lab Sample ID: MB 240-629668/7
Matrix: Solid
Analysis Batch: 629668

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Isopropylbenzene	ND		5.0	1.9	ug/Kg			10/07/24 07:15	1
Methyl acetate	ND		25	3.4	ug/Kg			10/07/24 07:15	1
Methyl tert-butyl ether	ND		5.0	2.0	ug/Kg			10/07/24 07:15	1
Methylcyclohexane	ND		10	1.2	ug/Kg			10/07/24 07:15	1
Methylene Chloride	ND		25	12	ug/Kg			10/07/24 07:15	1
Styrene	ND		5.0	1.2	ug/Kg			10/07/24 07:15	1
Tetrachloroethene	ND		5.0	3.9	ug/Kg			10/07/24 07:15	1
Toluene	ND		5.0	0.77	ug/Kg			10/07/24 07:15	1
trans-1,2-Dichloroethene	ND		5.0	1.4	ug/Kg			10/07/24 07:15	1
trans-1,3-Dichloropropene	ND		5.0	3.7	ug/Kg			10/07/24 07:15	1
Trichloroethene	ND		5.0	1.4	ug/Kg			10/07/24 07:15	1
Trichlorofluoromethane	ND		5.0	2.7	ug/Kg			10/07/24 07:15	1
Vinyl chloride	ND		5.0	1.8	ug/Kg			10/07/24 07:15	1
Xylenes, Total	ND		10	1.6	ug/Kg			10/07/24 07:15	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Toluene-d8 (Surr)	*95*		*56 - 125*		*10/07/24 07:15*	*1*
Dibromofluoromethane (Surr)	*88*		*41 - 138*		*10/07/24 07:15*	*1*
4-Bromofluorobenzene (Surr)	*98*		*41 - 143*		*10/07/24 07:15*	*1*
1,2-Dichloroethane-d4 (Surr)	*99*		*58 - 125*		*10/07/24 07:15*	*1*

Lab Sample ID: LCS 240-629668/5
Matrix: Solid
Analysis Batch: 629668

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
1,1,1-Trichloroethane	50.0	49.4		ug/Kg		99	74 - 136
1,1,2,2-Tetrachloroethane	50.0	49.9		ug/Kg		100	66 - 129
1,1,2-Trichloro-1,2,2-trifluoroethane	50.0	46.8		ug/Kg		94	64 - 148
1,1,2-Trichloroethane	50.0	48.8		ug/Kg		98	79 - 120
1,1-Dichloroethane	50.0	46.8		ug/Kg		94	74 - 121
1,1-Dichloroethene	50.0	47.9		ug/Kg		96	68 - 141
1,2,4-Trichlorobenzene	50.0	51.7		ug/Kg		103	58 - 132
1,2-Dibromo-3-Chloropropane	50.0	59.5		ug/Kg		119	52 - 133
Ethylene Dibromide	50.0	50.6		ug/Kg		101	80 - 121
1,2-Dichlorobenzene	50.0	49.0		ug/Kg		98	73 - 120
1,2-Dichloroethane	50.0	47.2		ug/Kg		94	71 - 123
1,2-Dichloropropane	50.0	45.6		ug/Kg		91	76 - 126
1,3-Dichlorobenzene	50.0	50.1		ug/Kg		100	73 - 120
1,4-Dichlorobenzene	50.0	49.2		ug/Kg		98	74 - 120
2-Butanone (MEK)	100	133		ug/Kg		133	63 - 142
2-Hexanone	100	130		ug/Kg		130	65 - 142
4-Methyl-2-pentanone (MIBK)	100	121		ug/Kg		121	62 - 142
Acetone	100	136		ug/Kg		136	58 - 160
Benzene	50.0	47.0		ug/Kg		94	76 - 121
Dichlorobromomethane	50.0	50.1		ug/Kg		100	71 - 138
Bromoform	50.0	46.8		ug/Kg		94	57 - 140
Bromomethane	50.0	50.6		ug/Kg		101	10 - 171

Method: 8260D - Volatile Organic Compounds by GC/MS (Continued)

Lab Sample ID: LCS 240-629668/5
Matrix: Solid
Analysis Batch: 629668

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Carbon disulfide	50.0	44.1		ug/Kg		88	43 - 152
Carbon tetrachloride	50.0	49.7		ug/Kg		99	64 - 144
Chlorobenzene	50.0	47.4		ug/Kg		95	80 - 120
Chloroethane	50.0	34.5		ug/Kg		69	11 - 164
Chloroform	50.0	47.1		ug/Kg		94	78 - 120
Chloromethane	50.0	36.8		ug/Kg		74	41 - 142
cis-1,2-Dichloroethene	50.0	47.5		ug/Kg		95	78 - 124
cis-1,3-Dichloropropene	50.0	47.1		ug/Kg		94	70 - 133
Cyclohexane	50.0	48.5		ug/Kg		97	65 - 137
Chlorodibromomethane	50.0	49.0		ug/Kg		98	68 - 131
Dichlorodifluoromethane	50.0	33.1		ug/Kg		66	21 - 150
Ethylbenzene	50.0	48.3		ug/Kg		97	80 - 120
Isopropylbenzene	50.0	56.0		ug/Kg		112	80 - 130
Methyl acetate	100	103		ug/Kg		103	60 - 133
Methyl tert-butyl ether	50.0	46.1		ug/Kg		92	70 - 130
Methylcyclohexane	50.0	49.6		ug/Kg		99	70 - 138
Methylene Chloride	50.0	41.4		ug/Kg		83	71 - 124
Styrene	50.0	48.3		ug/Kg		97	75 - 140
Tetrachloroethene	50.0	50.4		ug/Kg		101	76 - 127
Toluene	50.0	46.0		ug/Kg		92	80 - 120
trans-1,2-Dichloroethene	50.0	47.4		ug/Kg		95	76 - 130
trans-1,3-Dichloropropene	50.0	52.6		ug/Kg		105	61 - 121
Trichloroethene	50.0	51.7		ug/Kg		103	74 - 130
Trichlorofluoromethane	50.0	48.1		ug/Kg		96	50 - 154
Vinyl chloride	50.0	48.3		ug/Kg		97	49 - 146
Xylenes, Total	100	97.8		ug/Kg		98	80 - 122
m-Xylene & p-Xylene	50.0	48.6		ug/Kg		97	80 - 122
o-Xylene	50.0	49.2		ug/Kg		98	80 - 124

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
Toluene-d8 (Surr)	*101*		*56 - 125*
Dibromofluoromethane (Surr)	*104*		*41 - 138*
4-Bromofluorobenzene (Surr)	*105*		*41 - 143*
1,2-Dichloroethane-d4 (Surr)	*104*		*58 - 125*

Method: 8270E - Semivolatile Organic Compounds (GC/MS)

Lab Sample ID: MB 240-629734/1-A
Matrix: Solid
Analysis Batch: 629877

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 629734

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1'-Biphenyl	ND		100	28	ug/Kg		10/07/24 09:29	10/08/24 10:17	1
bis (2-chloroisopropyl) ether	ND		100	26	ug/Kg		10/07/24 09:29	10/08/24 10:17	1
2,4,5-Trichlorophenol	ND		150	33	ug/Kg		10/07/24 09:29	10/08/24 10:17	1
2,4,6-Trichlorophenol	ND		150	29	ug/Kg		10/07/24 09:29	10/08/24 10:17	1
2,4-Dichlorophenol	ND		150	27	ug/Kg		10/07/24 09:29	10/08/24 10:17	1
2,4-Dimethylphenol	ND		150	36	ug/Kg		10/07/24 09:29	10/08/24 10:17	1
2,4-Dinitrophenol	ND		330	170	ug/Kg		10/07/24 09:29	10/08/24 10:17	1

Method: 8270E - Semivolatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: MB 240-629734/1-A
Matrix: Solid
Analysis Batch: 629877

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 629734

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2,4-Dinitrotoluene	ND		200	23	ug/Kg		10/07/24 09:29	10/08/24 10:17	1
2,6-Dinitrotoluene	ND		200	36	ug/Kg		10/07/24 09:29	10/08/24 10:17	1
2-Chloronaphthalene	ND		100	28	ug/Kg		10/07/24 09:29	10/08/24 10:17	1
2-Chlorophenol	ND		100	26	ug/Kg		10/07/24 09:29	10/08/24 10:17	1
2-Methylnaphthalene	ND		40	13	ug/Kg		10/07/24 09:29	10/08/24 10:17	1
2-Methylphenol	ND		200	41	ug/Kg		10/07/24 09:29	10/08/24 10:17	1
2-Nitroaniline	ND		200	38	ug/Kg		10/07/24 09:29	10/08/24 10:17	1
2-Nitrophenol	ND		100	35	ug/Kg		10/07/24 09:29	10/08/24 10:17	1
3,3'-Dichlorobenzidine	ND		150	95	ug/Kg		10/07/24 09:29	10/08/24 10:17	1
3-Nitroaniline	ND		200	35	ug/Kg		10/07/24 09:29	10/08/24 10:17	1
4,6-Dinitro-2-methylphenol	ND		330	100	ug/Kg		10/07/24 09:29	10/08/24 10:17	1
4-Bromophenyl phenyl ether	ND		100	32	ug/Kg		10/07/24 09:29	10/08/24 10:17	1
4-Chloro-3-methylphenol	ND		150	38	ug/Kg		10/07/24 09:29	10/08/24 10:17	1
4-Chloroaniline	ND		150	16	ug/Kg		10/07/24 09:29	10/08/24 10:17	1
4-Chlorophenyl phenyl ether	ND		100	28	ug/Kg		10/07/24 09:29	10/08/24 10:17	1
4-Nitroaniline	ND		200	26	ug/Kg		10/07/24 09:29	10/08/24 10:17	1
4-Nitrophenol	ND		330	90	ug/Kg		10/07/24 09:29	10/08/24 10:17	1
Acenaphthene	ND		40	14	ug/Kg		10/07/24 09:29	10/08/24 10:17	1
Acenaphthylene	ND		40	15	ug/Kg		10/07/24 09:29	10/08/24 10:17	1
Acetophenone	ND		100	25	ug/Kg		10/07/24 09:29	10/08/24 10:17	1
Anthracene	ND		40	12	ug/Kg		10/07/24 09:29	10/08/24 10:17	1
Atrazine	ND		330	69	ug/Kg		10/07/24 09:29	10/08/24 10:17	1
Benzaldehyde	ND		330	56	ug/Kg		10/07/24 09:29	10/08/24 10:17	1
Benzo[a]anthracene	ND		40	15	ug/Kg		10/07/24 09:29	10/08/24 10:17	1
Benzo[a]pyrene	ND		40	14	ug/Kg		10/07/24 09:29	10/08/24 10:17	1
Benzo[b]fluoranthene	ND		40	12	ug/Kg		10/07/24 09:29	10/08/24 10:17	1
Benzo[g,h,i]perylene	ND		40	27	ug/Kg		10/07/24 09:29	10/08/24 10:17	1
Benzo[k]fluoranthene	ND		40	10	ug/Kg		10/07/24 09:29	10/08/24 10:17	1
Bis(2-chloroethoxy)methane	ND		100	20	ug/Kg		10/07/24 09:29	10/08/24 10:17	1
Bis(2-chloroethyl)ether	ND		100	22	ug/Kg		10/07/24 09:29	10/08/24 10:17	1
Bis(2-ethylhexyl) phthalate	ND		150	56	ug/Kg		10/07/24 09:29	10/08/24 10:17	1
Butyl benzyl phthalate	ND		150	51	ug/Kg		10/07/24 09:29	10/08/24 10:17	1
Caprolactam	ND		330	69	ug/Kg		10/07/24 09:29	10/08/24 10:17	1
Carbazole	ND		100	27	ug/Kg		10/07/24 09:29	10/08/24 10:17	1
Chrysene	ND		40	14	ug/Kg		10/07/24 09:29	10/08/24 10:17	1
Dibenz(a,h)anthracene	ND		40	15	ug/Kg		10/07/24 09:29	10/08/24 10:17	1
Dibenzofuran	ND		100	29	ug/Kg		10/07/24 09:29	10/08/24 10:17	1
Diethyl phthalate	ND		150	43	ug/Kg		10/07/24 09:29	10/08/24 10:17	1
Dimethyl phthalate	ND		150	40	ug/Kg		10/07/24 09:29	10/08/24 10:17	1
Di-n-butyl phthalate	ND		150	51	ug/Kg		10/07/24 09:29	10/08/24 10:17	1
Di-n-octyl phthalate	ND		150	50	ug/Kg		10/07/24 09:29	10/08/24 10:17	1
Fluoranthene	ND		40	14	ug/Kg		10/07/24 09:29	10/08/24 10:17	1
Fluorene	ND		40	14	ug/Kg		10/07/24 09:29	10/08/24 10:17	1
Hexachlorobenzene	ND		40	14	ug/Kg		10/07/24 09:29	10/08/24 10:17	1
Hexachlorobutadiene	ND		100	21	ug/Kg		10/07/24 09:29	10/08/24 10:17	1
Hexachlorocyclopentadiene	ND		330	39	ug/Kg		10/07/24 09:29	10/08/24 10:17	1
Hexachloroethane	ND		100	32	ug/Kg		10/07/24 09:29	10/08/24 10:17	1
Indeno[1,2,3-cd]pyrene	ND		40	12	ug/Kg		10/07/24 09:29	10/08/24 10:17	1
Isophorone	ND		100	26	ug/Kg		10/07/24 09:29	10/08/24 10:17	1

Method: 8270E - Semivolatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: MB 240-629734/1-A
Matrix: Solid
Analysis Batch: 629877

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 629734

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
N-Nitrosodi-n-propylamine	ND		100	37	ug/Kg		10/07/24 09:29	10/08/24 10:17	1
N-Nitrosodiphenylamine	ND		100	27	ug/Kg		10/07/24 09:29	10/08/24 10:17	1
Naphthalene	ND		40	13	ug/Kg		10/07/24 09:29	10/08/24 10:17	1
Nitrobenzene	ND		100	22	ug/Kg		10/07/24 09:29	10/08/24 10:17	1
Pentachlorophenol	ND		270	110	ug/Kg		10/07/24 09:29	10/08/24 10:17	1
Phenanthrene	ND		40	13	ug/Kg		10/07/24 09:29	10/08/24 10:17	1
Phenol	ND		100	38	ug/Kg		10/07/24 09:29	10/08/24 10:17	1
Pyrene	ND		40	16	ug/Kg		10/07/24 09:29	10/08/24 10:17	1
3 & 4 Methylphenol	ND		400	41	ug/Kg		10/07/24 09:29	10/08/24 10:17	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Terphenyl-d14 (Surr)	*69*		*37 - 120*	*10/07/24 09:29*	*10/08/24 10:17*	*1*
Phenol-d5 (Surr)	*73*		*29 - 120*	*10/07/24 09:29*	*10/08/24 10:17*	*1*
Nitrobenzene-d5 (Surr)	*66*		*28 - 120*	*10/07/24 09:29*	*10/08/24 10:17*	*1*
2-Fluorophenol (Surr)	*72*		*26 - 120*	*10/07/24 09:29*	*10/08/24 10:17*	*1*
2-Fluorobiphenyl (Surr)	*70*		*36 - 120*	*10/07/24 09:29*	*10/08/24 10:17*	*1*
2,4,6-Tribromophenol (Surr)	*64*		*10 - 120*	*10/07/24 09:29*	*10/08/24 10:17*	*1*

Lab Sample ID: LCS 240-629734/2-A
Matrix: Solid
Analysis Batch: 629877

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 629734

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
1,1'-Biphenyl	1330	1110		ug/Kg		83	54 - 120
bis (2-chloroisopropyl) ether	1330	1100		ug/Kg		83	42 - 120
2,4,5-Trichlorophenol	1330	1110		ug/Kg		83	53 - 120
2,4,6-Trichlorophenol	1330	1150		ug/Kg		86	53 - 120
2,4-Dichlorophenol	1330	1170		ug/Kg		88	55 - 120
2,4-Dimethylphenol	1330	812		ug/Kg		61	39 - 120
2,4-Dinitrophenol	2670	1170		ug/Kg		44	10 - 120
2,4-Dinitrotoluene	1330	1330		ug/Kg		100	56 - 120
2,6-Dinitrotoluene	1330	1330		ug/Kg		100	57 - 120
2-Chloronaphthalene	1330	1090		ug/Kg		82	54 - 120
2-Chlorophenol	1330	1100		ug/Kg		82	54 - 120
2-Methylnaphthalene	1330	1150		ug/Kg		86	56 - 120
2-Methylphenol	1330	1130		ug/Kg		84	51 - 120
2-Nitroaniline	1330	1290		ug/Kg		97	53 - 120
2-Nitrophenol	1330	1260		ug/Kg		95	51 - 120
3,3'-Dichlorobenzidine	2670	1810		ug/Kg		68	31 - 120
3-Nitroaniline	1330	948		ug/Kg		71	36 - 120
4,6-Dinitro-2-methylphenol	2670	1630		ug/Kg		61	10 - 120
4-Bromophenyl phenyl ether	1330	1220		ug/Kg		92	56 - 120
4-Chloro-3-methylphenol	1330	1110		ug/Kg		83	55 - 120
4-Chloroaniline	1330	589		ug/Kg		44	23 - 120
4-Chlorophenyl phenyl ether	1330	1140		ug/Kg		86	54 - 120
4-Nitroaniline	1330	1220		ug/Kg		92	46 - 120
4-Nitrophenol	2670	2310		ug/Kg		87	41 - 123
Acenaphthene	1330	1080		ug/Kg		81	56 - 120

Method: 8270E - Semivolatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: LCS 240-629734/2-A
Matrix: Solid
Analysis Batch: 629877

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 629734

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Acenaphthylene	1330	1070		ug/Kg		80	54 - 120
Acetophenone	1330	1080		ug/Kg		81	53 - 120
Anthracene	1330	1210		ug/Kg		91	59 - 120
Atrazine	2670	2430		ug/Kg		91	56 - 136
Benzaldehyde	2670	1740		ug/Kg		65	50 - 120
Benzo[a]anthracene	1330	1270		ug/Kg		95	59 - 120
Benzo[a]pyrene	1330	1230		ug/Kg		92	54 - 120
Benzo[b]fluoranthene	1330	1240		ug/Kg		93	58 - 120
Benzo[g,h,i]perylene	1330	1360		ug/Kg		102	56 - 120
Benzo[k]fluoranthene	1330	1220		ug/Kg		91	59 - 120
Bis(2-chloroethoxy)methane	1330	1150		ug/Kg		86	53 - 120
Bis(2-chloroethyl)ether	1330	1060		ug/Kg		80	45 - 120
Bis(2-ethylhexyl) phthalate	1330	1360		ug/Kg		102	52 - 120
Butyl benzyl phthalate	1330	1330		ug/Kg		100	54 - 120
Caprolactam	2670	2610		ug/Kg		98	55 - 120
Carbazole	1330	1300		ug/Kg		98	61 - 120
Chrysene	1330	1240		ug/Kg		93	58 - 120
Dibenz(a,h)anthracene	1330	1180		ug/Kg		89	54 - 120
Dibenzofuran	1330	1110		ug/Kg		83	54 - 120
Diethyl phthalate	1330	1170		ug/Kg		88	58 - 120
Dimethyl phthalate	1330	1210		ug/Kg		91	58 - 120
Di-n-butyl phthalate	1330	1350		ug/Kg		101	54 - 124
Di-n-octyl phthalate	1330	1200		ug/Kg		90	53 - 120
Fluoranthene	1330	1270		ug/Kg		95	59 - 120
Fluorene	1330	1140		ug/Kg		86	56 - 120
Hexachlorobenzene	1330	1170		ug/Kg		88	51 - 120
Hexachlorobutadiene	1330	1070		ug/Kg		80	46 - 120
Hexachlorocyclopentadiene	1330	423		ug/Kg		32	12 - 120
Hexachloroethane	1330	1050		ug/Kg		79	49 - 120
Indeno[1,2,3-cd]pyrene	1330	1320		ug/Kg		99	53 - 120
Isophorone	1330	1100		ug/Kg		83	52 - 120
N-Nitrosodi-n-propylamine	1330	1100		ug/Kg		83	52 - 120
N-Nitrosodiphenylamine	1330	1190		ug/Kg		89	58 - 120
Naphthalene	1330	1080		ug/Kg		81	54 - 120
Nitrobenzene	1330	1120		ug/Kg		84	52 - 120
Pentachlorophenol	2670	2010		ug/Kg		75	31 - 120
Phenanthrene	1330	1190		ug/Kg		89	57 - 120
Phenol	1330	1140		ug/Kg		86	48 - 120
Pyrene	1330	1240		ug/Kg		93	59 - 120
3 & 4 Methylphenol	1330	1160		ug/Kg		87	51 - 120

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
Terphenyl-d14 (Surr)	*82*		*37 - 120*
Phenol-d5 (Surr)	*82*		*29 - 120*
Nitrobenzene-d5 (Surr)	*80*		*28 - 120*
2-Fluorophenol (Surr)	*81*		*26 - 120*
2-Fluorobiphenyl (Surr)	*77*		*36 - 120*
2,4,6-Tribromophenol (Surr)	*88*		*10 - 120*

Method: 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Lab Sample ID: MB 240-629737/1-A
Matrix: Solid
Analysis Batch: 629802

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 629737

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aroclor-1016	ND		50	25	ug/Kg		10/07/24 09:33	10/07/24 16:23	1
Aroclor-1221	ND		50	30	ug/Kg		10/07/24 09:33	10/07/24 16:23	1
Aroclor-1232	ND		50	21	ug/Kg		10/07/24 09:33	10/07/24 16:23	1
Aroclor-1242	ND		50	19	ug/Kg		10/07/24 09:33	10/07/24 16:23	1
Aroclor-1248	ND		50	17	ug/Kg		10/07/24 09:33	10/07/24 16:23	1
Aroclor-1254	ND		50	21	ug/Kg		10/07/24 09:33	10/07/24 16:23	1
Aroclor-1260	ND		50	21	ug/Kg		10/07/24 09:33	10/07/24 16:23	1
Aroclor-1262	ND		50	22	ug/Kg		10/07/24 09:33	10/07/24 16:23	1
Aroclor-1268	ND		50	16	ug/Kg		10/07/24 09:33	10/07/24 16:23	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Tetrachloro-m-xylene	*84*		*10 - 149*	*10/07/24 09:33*	*10/07/24 16:23*	*1*
DCB Decachlorobiphenyl	*85*		*10 - 174*	*10/07/24 09:33*	*10/07/24 16:23*	*1*

Lab Sample ID: LCS 240-629737/2-A
Matrix: Solid
Analysis Batch: 629802

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 629737

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
Aroclor-1016			1000	942		ug/Kg		94	28 - 140		
Aroclor-1260			1000	953		ug/Kg		95	39 - 153		

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
Tetrachloro-m-xylene	*92*		*10 - 149*
DCB Decachlorobiphenyl	*94*		*10 - 174*

Method: 6010D - Metals (ICP)

Lab Sample ID: MB 240-629803/1-A
Matrix: Solid
Analysis Batch: 629998

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 629803

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	ND		1.5	0.32	mg/Kg		10/07/24 15:00	10/08/24 13:33	1
Barium	ND		20	0.13	mg/Kg		10/07/24 15:00	10/08/24 13:33	1
Cadmium	ND		0.50	0.048	mg/Kg		10/07/24 15:00	10/08/24 13:33	1
Chromium	ND		1.0	0.34	mg/Kg		10/07/24 15:00	10/08/24 13:33	1
Copper	ND		2.5	0.70	mg/Kg		10/07/24 15:00	10/08/24 13:33	1
Lead	ND		1.0	0.28	mg/Kg		10/07/24 15:00	10/08/24 13:33	1
Selenium	ND		2.0	0.47	mg/Kg		10/07/24 15:00	10/08/24 13:33	1
Silver	ND		1.0	0.081	mg/Kg		10/07/24 15:00	10/08/24 13:33	1
Zinc	ND		5.0	3.6	mg/Kg		10/07/24 15:00	10/08/24 13:33	1

Method: 6010D - Metals (ICP) (Continued)

Lab Sample ID: LCS 240-629803/2-A
Matrix: Solid
Analysis Batch: 629998

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 629803

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
Arsenic			200	200		mg/Kg		100	80 - 120		
Barium			200	190		mg/Kg		95	80 - 120		
Cadmium			100	101		mg/Kg		101	80 - 120		
Chromium			100	95.5		mg/Kg		95	80 - 120		
Copper			100	94.3		mg/Kg		94	80 - 120		
Lead			100	95.4		mg/Kg		95	80 - 120		
Selenium			200	197		mg/Kg		98	80 - 120		
Silver			10.0	8.76		mg/Kg		88	80 - 120		
Zinc			100	98.6		mg/Kg		99	80 - 120		

Lab Sample ID: 240-212437-1 MS
Matrix: Solid
Analysis Batch: 629998

Client Sample ID: T875-W-0.0
Prep Type: Total/NA
Prep Batch: 629803

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits		
Arsenic	12		258	251		mg/Kg	☼	93	75 - 125		
Barium	68		258	307		mg/Kg	☼	93	75 - 125		
Cadmium	0.38	J	129	120		mg/Kg	☼	93	75 - 125		
Chromium	18		129	134		mg/Kg	☼	90	75 - 125		
Copper	31		129	150		mg/Kg	☼	92	75 - 125		
Lead	32		129	140		mg/Kg	☼	84	75 - 125		
Selenium	ND		258	238		mg/Kg	☼	92	75 - 125		
Silver	ND		12.9	11.0		mg/Kg	☼	86	75 - 125		
Zinc	430		129	551		mg/Kg	☼	92	75 - 125		

Lab Sample ID: 240-212437-1 MSD
Matrix: Solid
Analysis Batch: 629998

Client Sample ID: T875-W-0.0
Prep Type: Total/NA
Prep Batch: 629803

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Arsenic	12		258	248		mg/Kg	☼	92	75 - 125	1	20
Barium	68		258	296		mg/Kg	☼	88	75 - 125	4	20
Cadmium	0.38	J	129	118		mg/Kg	☼	92	75 - 125	1	20
Chromium	18		129	137		mg/Kg	☼	93	75 - 125	2	20
Copper	31		129	151		mg/Kg	☼	93	75 - 125	0	20
Lead	32		129	140		mg/Kg	☼	84	75 - 125	0	20
Selenium	ND		258	232		mg/Kg	☼	90	75 - 125	2	20
Silver	ND		12.9	11.1		mg/Kg	☼	86	75 - 125	0	20
Zinc	430		129	550		mg/Kg	☼	91	75 - 125	0	20

Method: 7471B - Mercury (CVAA)

Lab Sample ID: MB 240-629804/1-A
Matrix: Solid
Analysis Batch: 629950

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 629804

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	ND		0.10	0.018	mg/Kg		10/07/24 15:00	10/08/24 11:27	1

Method: 7471B - Mercury (CVAA) (Continued)

Lab Sample ID: LCS 240-629804/2-A
Matrix: Solid
Analysis Batch: 629950

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 629804

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
Mercury			0.833	0.848		mg/Kg		102	80 - 120		

Lab Sample ID: 240-212437-1 MS
Matrix: Solid
Analysis Batch: 629950

Client Sample ID: T875-W-0.0
Prep Type: Total/NA
Prep Batch: 629804

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits		
Mercury	0.034	J	0.258	0.285		mg/Kg	☼	97	80 - 120		

Lab Sample ID: 240-212437-1 MSD
Matrix: Solid
Analysis Batch: 629950

Client Sample ID: T875-W-0.0
Prep Type: Total/NA
Prep Batch: 629804

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Mercury	0.034	J	0.258	0.278		mg/Kg	☼	95	80 - 120	3	20

Method: 9012B - Cyanide, Total andor Amenable

Lab Sample ID: MB 240-629778/1-A
Matrix: Solid
Analysis Batch: 629855

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 629778

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cyanide, Total	ND		0.60	0.47	mg/Kg		10/07/24 11:09	10/07/24 18:24	1

Lab Sample ID: LCS 240-629778/2-A
Matrix: Solid
Analysis Batch: 629855

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 629778

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
Cyanide, Total			7.01	7.22		mg/Kg		103	65 - 128		

Lab Sample ID: 240-212437-1 MS
Matrix: Solid
Analysis Batch: 629855

Client Sample ID: T875-W-0.0
Prep Type: Total/NA
Prep Batch: 629778

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits		
Cyanide, Total	23		1.42	24.7	4	mg/Kg	☼	91	24 - 140		

Lab Sample ID: 240-212437-1 MSD
Matrix: Solid
Analysis Batch: 629855

Client Sample ID: T875-W-0.0
Prep Type: Total/NA
Prep Batch: 629778

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Cyanide, Total	23		1.36	25.5	4	mg/Kg	☼	156	24 - 140	3	40

Method: 9012B - Cyanide, Total andor Amenable (Continued)

Lab Sample ID: 240-212437-12 MS
Matrix: Solid
Analysis Batch: 629855

Client Sample ID: T125-E-2.0
Prep Type: Total/NA
Prep Batch: 629778

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits		
Cyanide, Total	14	F2	1.10	70.7	4	mg/Kg	☼	5101	24 - 140		

Lab Sample ID: 240-212437-12 MSD
Matrix: Solid
Analysis Batch: 629855

Client Sample ID: T125-E-2.0
Prep Type: Total/NA
Prep Batch: 629778

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Cyanide, Total	14	F2	1.07	43.9	4 F2	mg/Kg	☼	2769	24 - 140	47	40

Method: Moisture - Percent Moisture

Lab Sample ID: 240-212437-8 DU
Matrix: Solid
Analysis Batch: 629754

Client Sample ID: T1125-E-0.0
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier		DU Result	DU Qualifier	Unit	D			RPD	RPD Limit
Percent Solids	68.7			69.4		%				0.9	20
Percent Moisture	31.3			30.6		%				2	20

GC/MS VOA

Analysis Batch: 629628

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
240-212437-1	T875-W-0.0	Total/NA	Solid	8260D	629638
240-212437-2	T875-E-0.0	Total/NA	Solid	8260D	629638
240-212437-3	T875-C-0.0	Total/NA	Solid	8260D	629638
240-212437-4	T1000-W-0.0	Total/NA	Solid	8260D	629638
240-212437-5	T1000-E-0.0	Total/NA	Solid	8260D	629638
240-212437-6	T1000-C-0.0	Total/NA	Solid	8260D	629638
240-212437-7	T1125-W-0.0	Total/NA	Solid	8260D	629638
240-212437-8	T1125-E-0.0	Total/NA	Solid	8260D	629638
240-212437-9	T1125-C-0.0	Total/NA	Solid	8260D	629638
240-212437-10	DUP3-20241003	Total/NA	Solid	8260D	629638
240-212437-12	T125-E-2.0	Total/NA	Solid	8260D	629638
240-212437-13	T125-W-2.0	Total/NA	Solid	8260D	629638
MB 240-629628/7	Method Blank	Total/NA	Solid	8260D	
LCS 240-629628/5	Lab Control Sample	Total/NA	Solid	8260D	

Prep Batch: 629638

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
240-212437-1	T875-W-0.0	Total/NA	Solid	5030C	
240-212437-2	T875-E-0.0	Total/NA	Solid	5030C	
240-212437-3	T875-C-0.0	Total/NA	Solid	5030C	
240-212437-4	T1000-W-0.0	Total/NA	Solid	5030C	
240-212437-5	T1000-E-0.0	Total/NA	Solid	5030C	
240-212437-6	T1000-C-0.0	Total/NA	Solid	5030C	
240-212437-7	T1125-W-0.0	Total/NA	Solid	5030C	
240-212437-8	T1125-E-0.0	Total/NA	Solid	5030C	
240-212437-9	T1125-C-0.0	Total/NA	Solid	5030C	
240-212437-10	DUP3-20241003	Total/NA	Solid	5030C	
240-212437-12	T125-E-2.0	Total/NA	Solid	5030C	
240-212437-13	T125-W-2.0	Total/NA	Solid	5030C	

Analysis Batch: 629641

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
240-212437-11	TB3-20241003	Total/NA	Water	8260D	
240-212437-17	TB4-20241004	Total/NA	Water	8260D	
MB 240-629641/7	Method Blank	Total/NA	Water	8260D	
LCS 240-629641/4	Lab Control Sample	Total/NA	Water	8260D	
MRL 240-629641/5	Lab Control Sample	Total/NA	Water	8260D	

Analysis Batch: 629668

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
240-212437-14	T250-E-2.0	Total/NA	Solid	8260D	629694
240-212437-15	T250-W-2.0	Total/NA	Solid	8260D	629694
240-212437-16	T250-W-4.0	Total/NA	Solid	8260D	629694
MB 240-629668/7	Method Blank	Total/NA	Solid	8260D	
LCS 240-629668/5	Lab Control Sample	Total/NA	Solid	8260D	

Prep Batch: 629694

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
240-212437-14	T250-E-2.0	Total/NA	Solid	5030C	
240-212437-15	T250-W-2.0	Total/NA	Solid	5030C	
240-212437-16	T250-W-4.0	Total/NA	Solid	5030C	

GC/MS Semi VOA

Prep Batch: 629734

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
240-212437-1	T875-W-0.0	Total/NA	Solid	3546	
240-212437-2	T875-E-0.0	Total/NA	Solid	3546	
240-212437-3	T875-C-0.0	Total/NA	Solid	3546	
240-212437-4	T1000-W-0.0	Total/NA	Solid	3546	
240-212437-5	T1000-E-0.0	Total/NA	Solid	3546	
240-212437-6	T1000-C-0.0	Total/NA	Solid	3546	
240-212437-7	T1125-W-0.0	Total/NA	Solid	3546	
240-212437-8	T1125-E-0.0	Total/NA	Solid	3546	
240-212437-9	T1125-C-0.0	Total/NA	Solid	3546	
240-212437-10	DUP3-20241003	Total/NA	Solid	3546	
240-212437-12	T125-E-2.0	Total/NA	Solid	3546	
240-212437-13	T125-W-2.0	Total/NA	Solid	3546	
240-212437-14	T250-E-2.0	Total/NA	Solid	3546	
240-212437-15	T250-W-2.0	Total/NA	Solid	3546	
240-212437-16	T250-W-4.0	Total/NA	Solid	3546	
MB 240-629734/1-A	Method Blank	Total/NA	Solid	3546	
LCS 240-629734/2-A	Lab Control Sample	Total/NA	Solid	3546	

Analysis Batch: 629877

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
240-212437-1	T875-W-0.0	Total/NA	Solid	8270E	629734
240-212437-2	T875-E-0.0	Total/NA	Solid	8270E	629734
240-212437-3	T875-C-0.0	Total/NA	Solid	8270E	629734
240-212437-4	T1000-W-0.0	Total/NA	Solid	8270E	629734
240-212437-5	T1000-E-0.0	Total/NA	Solid	8270E	629734
240-212437-6	T1000-C-0.0	Total/NA	Solid	8270E	629734
240-212437-7	T1125-W-0.0	Total/NA	Solid	8270E	629734
240-212437-8	T1125-E-0.0	Total/NA	Solid	8270E	629734
240-212437-9	T1125-C-0.0	Total/NA	Solid	8270E	629734
240-212437-10	DUP3-20241003	Total/NA	Solid	8270E	629734
240-212437-12	T125-E-2.0	Total/NA	Solid	8270E	629734
240-212437-13	T125-W-2.0	Total/NA	Solid	8270E	629734
240-212437-14	T250-E-2.0	Total/NA	Solid	8270E	629734
240-212437-15	T250-W-2.0	Total/NA	Solid	8270E	629734
240-212437-16	T250-W-4.0	Total/NA	Solid	8270E	629734
MB 240-629734/1-A	Method Blank	Total/NA	Solid	8270E	629734
LCS 240-629734/2-A	Lab Control Sample	Total/NA	Solid	8270E	629734

GC Semi VOA

Prep Batch: 629737

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
240-212437-1	T875-W-0.0	Total/NA	Solid	3546	
240-212437-2	T875-E-0.0	Total/NA	Solid	3546	
240-212437-3	T875-C-0.0	Total/NA	Solid	3546	
240-212437-4	T1000-W-0.0	Total/NA	Solid	3546	
240-212437-5	T1000-E-0.0	Total/NA	Solid	3546	
240-212437-6	T1000-C-0.0	Total/NA	Solid	3546	
240-212437-7	T1125-W-0.0	Total/NA	Solid	3546	
240-212437-8	T1125-E-0.0	Total/NA	Solid	3546	
240-212437-9	T1125-C-0.0	Total/NA	Solid	3546	

GC Semi VOA (Continued)

Prep Batch: 629737 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
240-212437-10	DUP3-20241003	Total/NA	Solid	3546	
240-212437-12	T125-E-2.0	Total/NA	Solid	3546	
240-212437-13	T125-W-2.0	Total/NA	Solid	3546	
240-212437-14	T250-E-2.0	Total/NA	Solid	3546	
240-212437-15	T250-W-2.0	Total/NA	Solid	3546	
240-212437-16	T250-W-4.0	Total/NA	Solid	3546	
MB 240-629737/1-A	Method Blank	Total/NA	Solid	3546	
LCS 240-629737/2-A	Lab Control Sample	Total/NA	Solid	3546	

Analysis Batch: 629802

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
240-212437-1	T875-W-0.0	Total/NA	Solid	8082A	629737
240-212437-2	T875-E-0.0	Total/NA	Solid	8082A	629737
240-212437-3	T875-C-0.0	Total/NA	Solid	8082A	629737
240-212437-4	T1000-W-0.0	Total/NA	Solid	8082A	629737
240-212437-5	T1000-E-0.0	Total/NA	Solid	8082A	629737
240-212437-6	T1000-C-0.0	Total/NA	Solid	8082A	629737
240-212437-7	T1125-W-0.0	Total/NA	Solid	8082A	629737
240-212437-8	T1125-E-0.0	Total/NA	Solid	8082A	629737
240-212437-9	T1125-C-0.0	Total/NA	Solid	8082A	629737
240-212437-10	DUP3-20241003	Total/NA	Solid	8082A	629737
240-212437-12	T125-E-2.0	Total/NA	Solid	8082A	629737
240-212437-13	T125-W-2.0	Total/NA	Solid	8082A	629737
240-212437-14	T250-E-2.0	Total/NA	Solid	8082A	629737
240-212437-15	T250-W-2.0	Total/NA	Solid	8082A	629737
240-212437-16	T250-W-4.0	Total/NA	Solid	8082A	629737
MB 240-629737/1-A	Method Blank	Total/NA	Solid	8082A	629737
LCS 240-629737/2-A	Lab Control Sample	Total/NA	Solid	8082A	629737

Metals

Prep Batch: 629803

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
240-212437-1	T875-W-0.0	Total/NA	Solid	3050B	
240-212437-2	T875-E-0.0	Total/NA	Solid	3050B	
240-212437-3	T875-C-0.0	Total/NA	Solid	3050B	
240-212437-4	T1000-W-0.0	Total/NA	Solid	3050B	
240-212437-5	T1000-E-0.0	Total/NA	Solid	3050B	
240-212437-6	T1000-C-0.0	Total/NA	Solid	3050B	
240-212437-7	T1125-W-0.0	Total/NA	Solid	3050B	
240-212437-8	T1125-E-0.0	Total/NA	Solid	3050B	
240-212437-9	T1125-C-0.0	Total/NA	Solid	3050B	
240-212437-10	DUP3-20241003	Total/NA	Solid	3050B	
240-212437-12	T125-E-2.0	Total/NA	Solid	3050B	
240-212437-13	T125-W-2.0	Total/NA	Solid	3050B	
240-212437-14	T250-E-2.0	Total/NA	Solid	3050B	
240-212437-15	T250-W-2.0	Total/NA	Solid	3050B	
240-212437-16	T250-W-4.0	Total/NA	Solid	3050B	
MB 240-629803/1-A	Method Blank	Total/NA	Solid	3050B	
LCS 240-629803/2-A	Lab Control Sample	Total/NA	Solid	3050B	
240-212437-1 MS	T875-W-0.0	Total/NA	Solid	3050B	

Metals (Continued)

Prep Batch: 629803 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
240-212437-1 MSD	T875-W-0.0	Total/NA	Solid	3050B	

Prep Batch: 629804

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
240-212437-1	T875-W-0.0	Total/NA	Solid	7471B	
240-212437-2	T875-E-0.0	Total/NA	Solid	7471B	
240-212437-3	T875-C-0.0	Total/NA	Solid	7471B	
240-212437-4	T1000-W-0.0	Total/NA	Solid	7471B	
240-212437-5	T1000-E-0.0	Total/NA	Solid	7471B	
240-212437-6	T1000-C-0.0	Total/NA	Solid	7471B	
240-212437-7	T1125-W-0.0	Total/NA	Solid	7471B	
240-212437-8	T1125-E-0.0	Total/NA	Solid	7471B	
240-212437-9	T1125-C-0.0	Total/NA	Solid	7471B	
240-212437-10	DUP3-20241003	Total/NA	Solid	7471B	
240-212437-12	T125-E-2.0	Total/NA	Solid	7471B	
240-212437-13	T125-W-2.0	Total/NA	Solid	7471B	
240-212437-14	T250-E-2.0	Total/NA	Solid	7471B	
240-212437-15	T250-W-2.0	Total/NA	Solid	7471B	
240-212437-16	T250-W-4.0	Total/NA	Solid	7471B	
MB 240-629804/1-A	Method Blank	Total/NA	Solid	7471B	
LCS 240-629804/2-A	Lab Control Sample	Total/NA	Solid	7471B	
240-212437-1 MS	T875-W-0.0	Total/NA	Solid	7471B	
240-212437-1 MSD	T875-W-0.0	Total/NA	Solid	7471B	

Analysis Batch: 629950

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
240-212437-1	T875-W-0.0	Total/NA	Solid	7471B	629804
240-212437-2	T875-E-0.0	Total/NA	Solid	7471B	629804
240-212437-3	T875-C-0.0	Total/NA	Solid	7471B	629804
240-212437-4	T1000-W-0.0	Total/NA	Solid	7471B	629804
240-212437-5	T1000-E-0.0	Total/NA	Solid	7471B	629804
240-212437-6	T1000-C-0.0	Total/NA	Solid	7471B	629804
240-212437-7	T1125-W-0.0	Total/NA	Solid	7471B	629804
240-212437-8	T1125-E-0.0	Total/NA	Solid	7471B	629804
240-212437-9	T1125-C-0.0	Total/NA	Solid	7471B	629804
240-212437-10	DUP3-20241003	Total/NA	Solid	7471B	629804
240-212437-12	T125-E-2.0	Total/NA	Solid	7471B	629804
240-212437-13	T125-W-2.0	Total/NA	Solid	7471B	629804
240-212437-14	T250-E-2.0	Total/NA	Solid	7471B	629804
240-212437-15	T250-W-2.0	Total/NA	Solid	7471B	629804
240-212437-16	T250-W-4.0	Total/NA	Solid	7471B	629804
MB 240-629804/1-A	Method Blank	Total/NA	Solid	7471B	629804
LCS 240-629804/2-A	Lab Control Sample	Total/NA	Solid	7471B	629804
240-212437-1 MS	T875-W-0.0	Total/NA	Solid	7471B	629804
240-212437-1 MSD	T875-W-0.0	Total/NA	Solid	7471B	629804

Analysis Batch: 629998

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
240-212437-1	T875-W-0.0	Total/NA	Solid	6010D	629803
240-212437-2	T875-E-0.0	Total/NA	Solid	6010D	629803
240-212437-3	T875-C-0.0	Total/NA	Solid	6010D	629803

Metals (Continued)

Analysis Batch: 629998 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
240-212437-4	T1000-W-0.0	Total/NA	Solid	6010D	629803
240-212437-5	T1000-E-0.0	Total/NA	Solid	6010D	629803
240-212437-5	T1000-E-0.0	Total/NA	Solid	6010D	629803
240-212437-6	T1000-C-0.0	Total/NA	Solid	6010D	629803
240-212437-6	T1000-C-0.0	Total/NA	Solid	6010D	629803
240-212437-7	T1125-W-0.0	Total/NA	Solid	6010D	629803
240-212437-8	T1125-E-0.0	Total/NA	Solid	6010D	629803
240-212437-9	T1125-C-0.0	Total/NA	Solid	6010D	629803
240-212437-9	T1125-C-0.0	Total/NA	Solid	6010D	629803
240-212437-10	DUP3-20241003	Total/NA	Solid	6010D	629803
240-212437-12	T125-E-2.0	Total/NA	Solid	6010D	629803
240-212437-13	T125-W-2.0	Total/NA	Solid	6010D	629803
240-212437-14	T250-E-2.0	Total/NA	Solid	6010D	629803
240-212437-15	T250-W-2.0	Total/NA	Solid	6010D	629803
240-212437-16	T250-W-4.0	Total/NA	Solid	6010D	629803
MB 240-629803/1-A	Method Blank	Total/NA	Solid	6010D	629803
LCS 240-629803/2-A	Lab Control Sample	Total/NA	Solid	6010D	629803
240-212437-1 MS	T875-W-0.0	Total/NA	Solid	6010D	629803
240-212437-1 MSD	T875-W-0.0	Total/NA	Solid	6010D	629803

Analysis Batch: 630156

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
240-212437-15	T250-W-2.0	Total/NA	Solid	6010D	629803

General Chemistry

Analysis Batch: 629754

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
240-212437-1	T875-W-0.0	Total/NA	Solid	Moisture	
240-212437-2	T875-E-0.0	Total/NA	Solid	Moisture	
240-212437-3	T875-C-0.0	Total/NA	Solid	Moisture	
240-212437-4	T1000-W-0.0	Total/NA	Solid	Moisture	
240-212437-5	T1000-E-0.0	Total/NA	Solid	Moisture	
240-212437-6	T1000-C-0.0	Total/NA	Solid	Moisture	
240-212437-7	T1125-W-0.0	Total/NA	Solid	Moisture	
240-212437-8	T1125-E-0.0	Total/NA	Solid	Moisture	
240-212437-9	T1125-C-0.0	Total/NA	Solid	Moisture	
240-212437-10	DUP3-20241003	Total/NA	Solid	Moisture	
240-212437-12	T125-E-2.0	Total/NA	Solid	Moisture	
240-212437-13	T125-W-2.0	Total/NA	Solid	Moisture	
240-212437-14	T250-E-2.0	Total/NA	Solid	Moisture	
240-212437-15	T250-W-2.0	Total/NA	Solid	Moisture	
240-212437-16	T250-W-4.0	Total/NA	Solid	Moisture	
240-212437-8 DU	T1125-E-0.0	Total/NA	Solid	Moisture	

Prep Batch: 629778

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
240-212437-1	T875-W-0.0	Total/NA	Solid	9012B	
240-212437-2	T875-E-0.0	Total/NA	Solid	9012B	
240-212437-3	T875-C-0.0	Total/NA	Solid	9012B	
240-212437-4	T1000-W-0.0	Total/NA	Solid	9012B	

General Chemistry (Continued)

Prep Batch: 629778 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
240-212437-5	T1000-E-0.0	Total/NA	Solid	9012B	
240-212437-6	T1000-C-0.0	Total/NA	Solid	9012B	
240-212437-7	T1125-W-0.0	Total/NA	Solid	9012B	
240-212437-8	T1125-E-0.0	Total/NA	Solid	9012B	
240-212437-9	T1125-C-0.0	Total/NA	Solid	9012B	
240-212437-10	DUP3-20241003	Total/NA	Solid	9012B	
240-212437-12	T125-E-2.0	Total/NA	Solid	9012B	
240-212437-13	T125-W-2.0	Total/NA	Solid	9012B	
240-212437-14	T250-E-2.0	Total/NA	Solid	9012B	
240-212437-15	T250-W-2.0	Total/NA	Solid	9012B	
240-212437-16	T250-W-4.0	Total/NA	Solid	9012B	
MB 240-629778/1-A	Method Blank	Total/NA	Solid	9012B	
LCS 240-629778/2-A	Lab Control Sample	Total/NA	Solid	9012B	
240-212437-1 MS	T875-W-0.0	Total/NA	Solid	9012B	
240-212437-1 MSD	T875-W-0.0	Total/NA	Solid	9012B	
240-212437-12 MS	T125-E-2.0	Total/NA	Solid	9012B	
240-212437-12 MSD	T125-E-2.0	Total/NA	Solid	9012B	

Analysis Batch: 629855

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
240-212437-1	T875-W-0.0	Total/NA	Solid	9012B	629778
240-212437-2	T875-E-0.0	Total/NA	Solid	9012B	629778
240-212437-3	T875-C-0.0	Total/NA	Solid	9012B	629778
240-212437-4	T1000-W-0.0	Total/NA	Solid	9012B	629778
240-212437-5	T1000-E-0.0	Total/NA	Solid	9012B	629778
240-212437-6	T1000-C-0.0	Total/NA	Solid	9012B	629778
240-212437-7	T1125-W-0.0	Total/NA	Solid	9012B	629778
240-212437-8	T1125-E-0.0	Total/NA	Solid	9012B	629778
240-212437-9	T1125-C-0.0	Total/NA	Solid	9012B	629778
240-212437-10	DUP3-20241003	Total/NA	Solid	9012B	629778
240-212437-12	T125-E-2.0	Total/NA	Solid	9012B	629778
240-212437-13	T125-W-2.0	Total/NA	Solid	9012B	629778
240-212437-14	T250-E-2.0	Total/NA	Solid	9012B	629778
240-212437-15	T250-W-2.0	Total/NA	Solid	9012B	629778
240-212437-16	T250-W-4.0	Total/NA	Solid	9012B	629778
MB 240-629778/1-A	Method Blank	Total/NA	Solid	9012B	629778
LCS 240-629778/2-A	Lab Control Sample	Total/NA	Solid	9012B	629778
240-212437-1 MS	T875-W-0.0	Total/NA	Solid	9012B	629778
240-212437-1 MSD	T875-W-0.0	Total/NA	Solid	9012B	629778
240-212437-12 MS	T125-E-2.0	Total/NA	Solid	9012B	629778
240-212437-12 MSD	T125-E-2.0	Total/NA	Solid	9012B	629778

Lab Chronicle

Client: August Mack Environmental, Inc.
Project/Site: MSC Canfield - Soil

Job ID: 240-212437-1

Client Sample ID: T875-W-0.0
Date Collected: 10/03/24 13:50
Date Received: 10/04/24 16:30

Lab Sample ID: 240-212437-1
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	Moisture		1	629754	GZF4	EET CLE	10/07/24 10:13

Client Sample ID: T875-W-0.0
Date Collected: 10/03/24 13:50
Date Received: 10/04/24 16:30

Lab Sample ID: 240-212437-1
Matrix: Solid
Percent Solids: 70.6

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5030C			629638	TJL2	EET CLE	10/05/24 12:52
Total/NA	Analysis	8260D		1	629628	TJL2	EET CLE	10/05/24 16:20
Total/NA	Prep	3546			629734	BV1	EET CLE	10/07/24 09:29
Total/NA	Analysis	8270E		1	629877	JMG	EET CLE	10/08/24 18:01
Total/NA	Prep	3546			629737	L6TL	EET CLE	10/07/24 09:33
Total/NA	Analysis	8082A		1	629802	MBB	EET CLE	10/07/24 18:43
Total/NA	Prep	3050B			629803	DEE	EET CLE	10/07/24 15:00
Total/NA	Analysis	6010D		1	629998	KLC	EET CLE	10/08/24 13:43
Total/NA	Prep	7471B			629804	DEE	EET CLE	10/07/24 15:00
Total/NA	Analysis	7471B		1	629950	TQ6W	EET CLE	10/08/24 11:30
Total/NA	Prep	9012B			629778	C5SV	EET CLE	10/07/24 11:09
Total/NA	Analysis	9012B		5	629855	C5SV	EET CLE	10/07/24 18:30

Client Sample ID: T875-E-0.0
Date Collected: 10/03/24 13:55
Date Received: 10/04/24 16:30

Lab Sample ID: 240-212437-2
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	Moisture		1	629754	GZF4	EET CLE	10/07/24 10:13

Client Sample ID: T875-E-0.0
Date Collected: 10/03/24 13:55
Date Received: 10/04/24 16:30

Lab Sample ID: 240-212437-2
Matrix: Solid
Percent Solids: 83.5

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5030C			629638	TJL2	EET CLE	10/05/24 12:52
Total/NA	Analysis	8260D		1	629628	TJL2	EET CLE	10/05/24 16:39
Total/NA	Prep	3546			629734	BV1	EET CLE	10/07/24 09:29
Total/NA	Analysis	8270E		1	629877	JMG	EET CLE	10/08/24 18:25
Total/NA	Prep	3546			629737	L6TL	EET CLE	10/07/24 09:33
Total/NA	Analysis	8082A		1	629802	MBB	EET CLE	10/07/24 18:58
Total/NA	Prep	3050B			629803	DEE	EET CLE	10/07/24 15:00
Total/NA	Analysis	6010D		1	629998	KLC	EET CLE	10/08/24 14:11
Total/NA	Prep	7471B			629804	DEE	EET CLE	10/07/24 15:00
Total/NA	Analysis	7471B		1	629950	TQ6W	EET CLE	10/08/24 11:36
Total/NA	Prep	9012B			629778	C5SV	EET CLE	10/07/24 11:09
Total/NA	Analysis	9012B		1	629855	C5SV	EET CLE	10/07/24 18:41

Client Sample ID: T875-C-0.0 — **Lab Sample ID: 240-212437-3**
Date Collected: 10/03/24 13:55 — **Matrix: Solid**
Date Received: 10/04/24 16:30

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	Moisture		1	629754	GZF4	EET CLE	10/07/24 10:13

Client Sample ID: T875-C-0.0 — **Lab Sample ID: 240-212437-3**
Date Collected: 10/03/24 13:55 — **Matrix: Solid**
Date Received: 10/04/24 16:30 — **Percent Solids: 80.8**

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5030C			629638	TJL2	EET CLE	10/05/24 12:52
Total/NA	Analysis	8260D		1	629628	TJL2	EET CLE	10/05/24 16:59
Total/NA	Prep	3546			629734	BV1	EET CLE	10/07/24 09:29
Total/NA	Analysis	8270E		1	629877	JMG	EET CLE	10/08/24 12:43
Total/NA	Prep	3546			629737	L6TL	EET CLE	10/07/24 09:33
Total/NA	Analysis	8082A		1	629802	MBB	EET CLE	10/07/24 19:14
Total/NA	Prep	3050B			629803	DEE	EET CLE	10/07/24 15:00
Total/NA	Analysis	6010D		1	629998	KLC	EET CLE	10/08/24 14:15
Total/NA	Prep	7471B			629804	DEE	EET CLE	10/07/24 15:00
Total/NA	Analysis	7471B		1	629950	TQ6W	EET CLE	10/08/24 11:37
Total/NA	Prep	9012B			629778	C5SV	EET CLE	10/07/24 11:09
Total/NA	Analysis	9012B		50	629855	C5SV	EET CLE	10/07/24 19:38

Client Sample ID: T1000-W-0.0 — **Lab Sample ID: 240-212437-4**
Date Collected: 10/03/24 14:14 — **Matrix: Solid**
Date Received: 10/04/24 16:30

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	Moisture		1	629754	GZF4	EET CLE	10/07/24 10:13

Client Sample ID: T1000-W-0.0 — **Lab Sample ID: 240-212437-4**
Date Collected: 10/03/24 14:14 — **Matrix: Solid**
Date Received: 10/04/24 16:30 — **Percent Solids: 74.2**

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5030C			629638	TJL2	EET CLE	10/05/24 12:52
Total/NA	Analysis	8260D		1	629628	TJL2	EET CLE	10/05/24 17:19
Total/NA	Prep	3546			629734	BV1	EET CLE	10/07/24 09:29
Total/NA	Analysis	8270E		1	629877	JMG	EET CLE	10/08/24 13:08
Total/NA	Prep	3546			629737	L6TL	EET CLE	10/07/24 09:33
Total/NA	Analysis	8082A		1	629802	MBB	EET CLE	10/07/24 19:29
Total/NA	Prep	3050B			629803	DEE	EET CLE	10/07/24 15:00
Total/NA	Analysis	6010D		1	629998	KLC	EET CLE	10/08/24 14:33
Total/NA	Prep	7471B			629804	DEE	EET CLE	10/07/24 15:00
Total/NA	Analysis	7471B		1	629950	TQ6W	EET CLE	10/08/24 11:39
Total/NA	Prep	9012B			629778	C5SV	EET CLE	10/07/24 11:09
Total/NA	Analysis	9012B		50	629855	C5SV	EET CLE	10/07/24 19:43

Lab Chronicle

Client: August Mack Environmental, Inc.
Project/Site: MSC Canfield - Soil

Job ID: 240-212437-1

Client Sample ID: T1000-E-0.0

Lab Sample ID: 240-212437-5

Date Collected: 10/03/24 14:07
Matrix: Solid
Date Received: 10/04/24 16:30

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	Moisture		1	629754	GZF4	EET CLE	10/07/24 10:13

Client Sample ID: T1000-E-0.0

Lab Sample ID: 240-212437-5

Date Collected: 10/03/24 14:07
Matrix: Solid
Date Received: 10/04/24 16:30
Percent Solids: 64.3

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5030C			629638	TJL2	EET CLE	10/05/24 12:52
Total/NA	Analysis	8260D		1	629628	TJL2	EET CLE	10/05/24 17:38
Total/NA	Prep	3546			629734	BV1	EET CLE	10/07/24 09:29
Total/NA	Analysis	8270E		1	629877	JMG	EET CLE	10/08/24 19:39
Total/NA	Prep	3546			629737	L6TL	EET CLE	10/07/24 09:33
Total/NA	Analysis	8082A		1	629802	MBB	EET CLE	10/07/24 19:45
Total/NA	Prep	3050B			629803	DEE	EET CLE	10/07/24 15:00
Total/NA	Analysis	6010D		1	629998	KLC	EET CLE	10/08/24 14:38
Total/NA	Prep	3050B			629803	DEE	EET CLE	10/07/24 15:00
Total/NA	Analysis	6010D		2	629998	KLC	EET CLE	10/08/24 15:55
Total/NA	Prep	7471B			629804	DEE	EET CLE	10/07/24 15:00
Total/NA	Analysis	7471B		1	629950	TQ6W	EET CLE	10/08/24 11:41
Total/NA	Prep	9012B			629778	C5SV	EET CLE	10/07/24 11:09
Total/NA	Analysis	9012B		5	629855	C5SV	EET CLE	10/07/24 18:46

Client Sample ID: T1000-C-0.0

Lab Sample ID: 240-212437-6

Date Collected: 10/03/24 14:24
Matrix: Solid
Date Received: 10/04/24 16:30

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	Moisture		1	629754	GZF4	EET CLE	10/07/24 10:13

Client Sample ID: T1000-C-0.0

Lab Sample ID: 240-212437-6

Date Collected: 10/03/24 14:24
Matrix: Solid
Date Received: 10/04/24 16:30
Percent Solids: 78.4

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5030C			629638	TJL2	EET CLE	10/05/24 12:52
Total/NA	Analysis	8260D		1	629628	TJL2	EET CLE	10/05/24 17:58
Total/NA	Prep	3546			629734	BV1	EET CLE	10/07/24 09:29
Total/NA	Analysis	8270E		1	629877	JMG	EET CLE	10/08/24 15:35
Total/NA	Prep	3546			629737	L6TL	EET CLE	10/07/24 09:33
Total/NA	Analysis	8082A		1	629802	MBB	EET CLE	10/07/24 20:00
Total/NA	Prep	3050B			629803	DEE	EET CLE	10/07/24 15:00
Total/NA	Analysis	6010D		1	629998	KLC	EET CLE	10/08/24 14:42
Total/NA	Prep	3050B			629803	DEE	EET CLE	10/07/24 15:00
Total/NA	Analysis	6010D		10	629998	KLC	EET CLE	10/08/24 16:00

Lab Chronicle

Client: August Mack Environmental, Inc.
Project/Site: MSC Canfield - Soil

Job ID: 240-212437-1

Client Sample ID: T1000-C-0.0

Lab Sample ID: 240-212437-6

Date Collected: 10/03/24 14:24
Matrix: Solid
Date Received: 10/04/24 16:30
Percent Solids: 78.4

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	7471B			629804	DEE	EET CLE	10/07/24 15:00
Total/NA	Analysis	7471B		1	629950	TQ6W	EET CLE	10/08/24 11:46
Total/NA	Prep	9012B			629778	C5SV	EET CLE	10/07/24 11:09
Total/NA	Analysis	9012B		1	629855	C5SV	EET CLE	10/07/24 18:47

Client Sample ID: T1125-W-0.0

Lab Sample ID: 240-212437-7

Date Collected: 10/03/24 14:35
Matrix: Solid
Date Received: 10/04/24 16:30

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	Moisture		1	629754	GZF4	EET CLE	10/07/24 10:13

Client Sample ID: T1125-W-0.0

Lab Sample ID: 240-212437-7

Date Collected: 10/03/24 14:35
Matrix: Solid
Date Received: 10/04/24 16:30
Percent Solids: 77.5

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5030C			629638	TJL2	EET CLE	10/05/24 12:52
Total/NA	Analysis	8260D		1	629628	TJL2	EET CLE	10/05/24 18:18
Total/NA	Prep	3546			629734	BV1	EET CLE	10/07/24 09:29
Total/NA	Analysis	8270E		1	629877	JMG	EET CLE	10/08/24 16:23
Total/NA	Prep	3546			629737	L6TL	EET CLE	10/07/24 09:33
Total/NA	Analysis	8082A		1	629802	MBB	EET CLE	10/07/24 20:16
Total/NA	Prep	3050B			629803	DEE	EET CLE	10/07/24 15:00
Total/NA	Analysis	6010D		1	629998	KLC	EET CLE	10/08/24 14:47
Total/NA	Prep	7471B			629804	DEE	EET CLE	10/07/24 15:00
Total/NA	Analysis	7471B		1	629950	TQ6W	EET CLE	10/08/24 11:47
Total/NA	Prep	9012B			629778	C5SV	EET CLE	10/07/24 11:09
Total/NA	Analysis	9012B		50	629855	C5SV	EET CLE	10/07/24 18:52

Client Sample ID: T1125-E-0.0

Lab Sample ID: 240-212437-8

Date Collected: 10/03/24 14:35
Matrix: Solid
Date Received: 10/04/24 16:30

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	Moisture		1	629754	GZF4	EET CLE	10/07/24 10:13

Client Sample ID: T1125-E-0.0

Lab Sample ID: 240-212437-8

Date Collected: 10/03/24 14:35
Matrix: Solid
Date Received: 10/04/24 16:30
Percent Solids: 68.7

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5030C			629638	TJL2	EET CLE	10/05/24 12:52
Total/NA	Analysis	8260D		1	629628	TJL2	EET CLE	10/05/24 18:38
Total/NA	Prep	3546			629734	BV1	EET CLE	10/07/24 09:29
Total/NA	Analysis	8270E		1	629877	JMG	EET CLE	10/08/24 18:50

Lab Chronicle

Client: August Mack Environmental, Inc.
Project/Site: MSC Canfield - Soil

Job ID: 240-212437-1

Client Sample ID: T1125-E-0.0

Lab Sample ID: 240-212437-8

Date Collected: 10/03/24 14:35
Date Received: 10/04/24 16:30

Matrix: Solid
Percent Solids: 68.7

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	3546			629737	L6TL	EET CLE	10/07/24 09:33
Total/NA	Analysis	8082A		1	629802	MBB	EET CLE	10/07/24 20:31
Total/NA	Prep	3050B			629803	DEE	EET CLE	10/07/24 15:00
Total/NA	Analysis	6010D		1	629998	KLC	EET CLE	10/08/24 14:52
Total/NA	Prep	7471B			629804	DEE	EET CLE	10/07/24 15:00
Total/NA	Analysis	7471B		1	629950	TQ6W	EET CLE	10/08/24 11:49
Total/NA	Prep	9012B			629778	C5SV	EET CLE	10/07/24 11:09
Total/NA	Analysis	9012B		50	629855	C5SV	EET CLE	10/07/24 18:57

Client Sample ID: T1125-C-0.0

Lab Sample ID: 240-212437-9

Date Collected: 10/03/24 14:50
Date Received: 10/04/24 16:30

Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	Moisture		1	629754	GZF4	EET CLE	10/07/24 10:13

Client Sample ID: T1125-C-0.0

Lab Sample ID: 240-212437-9

Date Collected: 10/03/24 14:50
Date Received: 10/04/24 16:30

Matrix: Solid
Percent Solids: 64.2

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5030C			629638	TJL2	EET CLE	10/05/24 12:52
Total/NA	Analysis	8260D		1	629628	TJL2	EET CLE	10/05/24 18:57
Total/NA	Prep	3546			629734	BV1	EET CLE	10/07/24 09:29
Total/NA	Analysis	8270E		1	629877	JMG	EET CLE	10/08/24 15:59
Total/NA	Prep	3546			629737	L6TL	EET CLE	10/07/24 09:33
Total/NA	Analysis	8082A		1	629802	MBB	EET CLE	10/07/24 20:47
Total/NA	Prep	3050B			629803	DEE	EET CLE	10/07/24 15:00
Total/NA	Analysis	6010D		1	629998	KLC	EET CLE	10/08/24 15:01
Total/NA	Prep	3050B			629803	DEE	EET CLE	10/07/24 15:00
Total/NA	Analysis	6010D		5	629998	KLC	EET CLE	10/08/24 16:05
Total/NA	Prep	7471B			629804	DEE	EET CLE	10/07/24 15:00
Total/NA	Analysis	7471B		1	629950	TQ6W	EET CLE	10/08/24 11:51
Total/NA	Prep	9012B			629778	C5SV	EET CLE	10/07/24 11:09
Total/NA	Analysis	9012B		50	629855	C5SV	EET CLE	10/07/24 19:48

Client Sample ID: DUP3-20241003

Lab Sample ID: 240-212437-10

Date Collected: 10/03/24 00:00
Date Received: 10/04/24 16:30

Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	Moisture		1	629754	GZF4	EET CLE	10/07/24 10:13

Client Sample ID: DUP3-20241003

Lab Sample ID: 240-212437-10

Date Collected: 10/03/24 00:00
Matrix: Solid
Date Received: 10/04/24 16:30
Percent Solids: 78.7

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5030C			629638	TJL2	EET CLE	10/05/24 12:52
Total/NA	Analysis	8260D		1	629628	TJL2	EET CLE	10/05/24 19:17
Total/NA	Prep	3546			629734	BV1	EET CLE	10/07/24 09:29
Total/NA	Analysis	8270E		1	629877	JMG	EET CLE	10/08/24 19:14
Total/NA	Prep	3546			629737	L6TL	EET CLE	10/07/24 09:33
Total/NA	Analysis	8082A		1	629802	MBB	EET CLE	10/07/24 21:03
Total/NA	Prep	3050B			629803	DEE	EET CLE	10/07/24 15:00
Total/NA	Analysis	6010D		1	629998	KLC	EET CLE	10/08/24 15:06
Total/NA	Prep	7471B			629804	DEE	EET CLE	10/07/24 15:00
Total/NA	Analysis	7471B		1	629950	TQ6W	EET CLE	10/08/24 11:53
Total/NA	Prep	9012B			629778	C5SV	EET CLE	10/07/24 11:09
Total/NA	Analysis	9012B		50	629855	C5SV	EET CLE	10/07/24 19:05

Client Sample ID: TB3-20241003

Lab Sample ID: 240-212437-11

Date Collected: 10/03/24 00:00
Matrix: Water
Date Received: 10/04/24 16:30

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260D		1	629641	MS	EET CLE	10/05/24 17:41

Client Sample ID: T125-E-2.0

Lab Sample ID: 240-212437-12

Date Collected: 10/03/24 15:40
Matrix: Solid
Date Received: 10/04/24 16:30

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	Moisture		1	629754	GZF4	EET CLE	10/07/24 10:13

Client Sample ID: T125-E-2.0

Lab Sample ID: 240-212437-12

Date Collected: 10/03/24 15:40
Matrix: Solid
Date Received: 10/04/24 16:30
Percent Solids: 77.6

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5030C			629638	TJL2	EET CLE	10/05/24 12:52
Total/NA	Analysis	8260D		1	629628	TJL2	EET CLE	10/05/24 19:37
Total/NA	Prep	3546			629734	BV1	EET CLE	10/07/24 09:29
Total/NA	Analysis	8270E		1	629877	JMG	EET CLE	10/08/24 16:48
Total/NA	Prep	3546			629737	L6TL	EET CLE	10/07/24 09:33
Total/NA	Analysis	8082A		1	629802	MBB	EET CLE	10/07/24 21:34
Total/NA	Prep	3050B			629803	DEE	EET CLE	10/07/24 15:00
Total/NA	Analysis	6010D		1	629998	KLC	EET CLE	10/08/24 15:10
Total/NA	Prep	7471B			629804	DEE	EET CLE	10/07/24 15:00
Total/NA	Analysis	7471B		1	629950	TQ6W	EET CLE	10/08/24 11:54
Total/NA	Prep	9012B			629778	C5SV	EET CLE	10/07/24 11:09
Total/NA	Analysis	9012B		10	629855	C5SV	EET CLE	10/07/24 19:11

Client Sample ID: T125-W-2.0 — **Lab Sample ID: 240-212437-13**
Date Collected: 10/04/24 11:04 — **Matrix: Solid**
Date Received: 10/04/24 16:30

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	Moisture		1	629754	GZF4	EET CLE	10/07/24 10:13

Client Sample ID: T125-W-2.0 — **Lab Sample ID: 240-212437-13**
Date Collected: 10/04/24 11:04 — **Matrix: Solid**
Date Received: 10/04/24 16:30 — **Percent Solids: 78.4**

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5030C			629638	TJL2	EET CLE	10/05/24 12:52
Total/NA	Analysis	8260D		1	629628	TJL2	EET CLE	10/05/24 19:57
Total/NA	Prep	3546			629734	BV1	EET CLE	10/07/24 09:29
Total/NA	Analysis	8270E		1	629877	JMG	EET CLE	10/08/24 17:12
Total/NA	Prep	3546			629737	L6TL	EET CLE	10/07/24 09:33
Total/NA	Analysis	8082A		1	629802	MBB	EET CLE	10/07/24 21:49
Total/NA	Prep	3050B			629803	DEE	EET CLE	10/07/24 15:00
Total/NA	Analysis	6010D		1	629998	KLC	EET CLE	10/08/24 15:24
Total/NA	Prep	7471B			629804	DEE	EET CLE	10/07/24 15:00
Total/NA	Analysis	7471B		1	629950	TQ6W	EET CLE	10/08/24 11:56
Total/NA	Prep	9012B			629778	C5SV	EET CLE	10/07/24 11:09
Total/NA	Analysis	9012B		50	629855	C5SV	EET CLE	10/07/24 19:24

Client Sample ID: T250-E-2.0 — **Lab Sample ID: 240-212437-14**
Date Collected: 10/04/24 11:30 — **Matrix: Solid**
Date Received: 10/04/24 16:30

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	Moisture		1	629754	GZF4	EET CLE	10/07/24 10:13

Client Sample ID: T250-E-2.0 — **Lab Sample ID: 240-212437-14**
Date Collected: 10/04/24 11:30 — **Matrix: Solid**
Date Received: 10/04/24 16:30 — **Percent Solids: 76.8**

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5030C			629694	TJL2	EET CLE	10/07/24 08:25
Total/NA	Analysis	8260D		1	629668	TJL2	EET CLE	10/07/24 09:49
Total/NA	Prep	3546			629734	BV1	EET CLE	10/07/24 09:29
Total/NA	Analysis	8270E		1	629877	JMG	EET CLE	10/08/24 17:37
Total/NA	Prep	3546			629737	L6TL	EET CLE	10/07/24 09:33
Total/NA	Analysis	8082A		1	629802	MBB	EET CLE	10/07/24 22:05
Total/NA	Prep	3050B			629803	DEE	EET CLE	10/07/24 15:00
Total/NA	Analysis	6010D		1	629998	KLC	EET CLE	10/08/24 15:28
Total/NA	Prep	7471B			629804	DEE	EET CLE	10/07/24 15:00
Total/NA	Analysis	7471B		1	629950	TQ6W	EET CLE	10/08/24 11:58
Total/NA	Prep	9012B			629778	C5SV	EET CLE	10/07/24 11:09
Total/NA	Analysis	9012B		50	629855	C5SV	EET CLE	10/07/24 20:06

Client Sample ID: T250-W-2.0 — **Lab Sample ID: 240-212437-15**
Date Collected: 10/04/24 12:10 — **Matrix: Solid**
Date Received: 10/04/24 16:30

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	Moisture		1	629754	GZF4	EET CLE	10/07/24 10:13

Client Sample ID: T250-W-2.0 — **Lab Sample ID: 240-212437-15**
Date Collected: 10/04/24 12:10 — **Matrix: Solid**
Date Received: 10/04/24 16:30 — **Percent Solids: 75.5**

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5030C			629694	TJL2	EET CLE	10/07/24 08:25
Total/NA	Analysis	8260D		1	629668	TJL2	EET CLE	10/07/24 10:09
Total/NA	Prep	3546			629734	BV1	EET CLE	10/07/24 09:29
Total/NA	Analysis	8270E		1	629877	JMG	EET CLE	10/08/24 14:46
Total/NA	Prep	3546			629737	L6TL	EET CLE	10/07/24 09:33
Total/NA	Analysis	8082A		1	629802	MBB	EET CLE	10/07/24 22:20
Total/NA	Prep	3050B			629803	DEE	EET CLE	10/07/24 15:00
Total/NA	Analysis	6010D		1	629998	KLC	EET CLE	10/08/24 15:33
Total/NA	Prep	3050B			629803	DEE	EET CLE	10/07/24 15:00
Total/NA	Analysis	6010D		5	630156	KLC	EET CLE	10/09/24 10:55
Total/NA	Prep	7471B			629804	DEE	EET CLE	10/07/24 15:00
Total/NA	Analysis	7471B		1	629950	TQ6W	EET CLE	10/08/24 11:59
Total/NA	Prep	9012B			629778	C5SV	EET CLE	10/07/24 11:09
Total/NA	Analysis	9012B		50	629855	C5SV	EET CLE	10/07/24 19:29

Client Sample ID: T250-W-4.0 — **Lab Sample ID: 240-212437-16**
Date Collected: 10/04/24 12:12 — **Matrix: Solid**
Date Received: 10/04/24 16:30

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	Moisture		1	629754	GZF4	EET CLE	10/07/24 10:13

Client Sample ID: T250-W-4.0 — **Lab Sample ID: 240-212437-16**
Date Collected: 10/04/24 12:12 — **Matrix: Solid**
Date Received: 10/04/24 16:30 — **Percent Solids: 74.9**

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5030C			629694	TJL2	EET CLE	10/07/24 08:25
Total/NA	Analysis	8260D		1	629668	TJL2	EET CLE	10/07/24 10:28
Total/NA	Prep	3546			629734	BV1	EET CLE	10/07/24 09:29
Total/NA	Analysis	8270E		1	629877	JMG	EET CLE	10/08/24 15:10
Total/NA	Prep	3546			629737	L6TL	EET CLE	10/07/24 09:33
Total/NA	Analysis	8082A		1	629802	MBB	EET CLE	10/07/24 22:36
Total/NA	Prep	3050B			629803	DEE	EET CLE	10/07/24 15:00
Total/NA	Analysis	6010D		1	629998	KLC	EET CLE	10/08/24 15:37
Total/NA	Prep	7471B			629804	DEE	EET CLE	10/07/24 15:00
Total/NA	Analysis	7471B		1	629950	TQ6W	EET CLE	10/08/24 12:01

Lab Chronicle

Client: August Mack Environmental, Inc.
Project/Site: MSC Canfield - Soil

Job ID: 240-212437-1

Client Sample ID: T250-W-4.0

Lab Sample ID: 240-212437-16

Date Collected: 10/04/24 12:12
Matrix: Solid
Date Received: 10/04/24 16:30
Percent Solids: 74.9

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	9012B			629778	C5SV	EET CLE	10/07/24 11:09
Total/NA	Analysis	9012B		50	629855	C5SV	EET CLE	10/07/24 19:34

Client Sample ID: TB4-20241004

Lab Sample ID: 240-212437-17

Date Collected: 10/04/24 00:00
Matrix: Water
Date Received: 10/04/24 16:30

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260D		1	629641	MS	EET CLE	10/05/24 18:03

Laboratory References:

EET CLE = Eurofins Cleveland, 180 S. Van Buren Avenue, Barberton, OH 44203, TEL (330)497-9396

Accreditation/Certification Summary

Client: August Mack Environmental, Inc.
Job ID: 240-212437-1
Project/Site: MSC Canfield - Soil

Laboratory: Eurofins Cleveland

All accreditations/certifications held by this laboratory are listed. Not all accreditations/certifications are applicable to this report.

Authority	Program	Identification Number	Expiration Date
California	State	2927	02-28-25
Georgia	State	4062	02-27-25
Illinois	NELAP	200004	08-31-25
Iowa	State	421	06-01-25
Kentucky (UST)	State	112225	02-27-25
Kentucky (WW)	State	KY98016	12-30-24
Minnesota	NELAP	039-999-348	12-31-24
New Hampshire	NELAP	225024	09-30-25
New Jersey	NELAP	OH001	07-03-25
New York	NELAP	10975	04-02-25
Ohio VAP	State	ORELAP 4062	02-27-25
Oregon	NELAP	4062	02-27-25
Pennsylvania	NELAP	68-00340	08-31-25
Texas	NELAP	T104704517-22-19	08-31-25
USDA	US Federal Programs	P330-18-00281	01-05-27
Virginia	NELAP	460175	09-14-25
West Virginia DEP	State	210	12-31-24

Eurofins Cleveland
180 S. Van Buren Avenue
Barberton, OH 44203
Phone (330) 497-9396 Phone (330) 497-0772

Chain of Custody Record

Client Information	Sampler: NB & SL	Lab PM: Kalis, Nicole A	Carrier Tracking No(s):
Client Contact: Kain Lager-Lowe	Phone:	E-Mail: Nicole.Kalis@et.eurofinsus.com	State of Origin:
Company: August Mack Environmental, Inc.	PWSID:		
Address: 7830 North Central Drive, Suite B	Due Date Requested:		
City: Lewis Center	TAT Requested (days): 3 Day TAT		
State, Zip: OH, 43035	Compliance Project: Δ Yes Δ No		
Phone: 740-548-1515(Tel)	PO #:		
Email: klagerlowe@augustmack.com	WO #:		
Project Name: MSC Canfield - Soil/Surface Water	Project #: DO NOT DELETE - 24033889		
Site:	SSOW#:		

Analysis Requested

Sample Identification	Sample Date	Sample Time	Sample Type (C=comp, G=grab)	Matrix (W=water, S=solid, O=waste/oil, BT=Tissue, A=Air)	Field Filtered Sample (Yes or No)	8260D - VOCs	8270E - SVOCs	8082A - PCBs	6010D, 7471B - RCRA 8, Cu & Zn	9012B - Total Cyanide	7196A - Hexavalent Chromium	1677 - Free Cyanide
Preservation Code:						N	N	N	N	N	N	N
T875-W-0.0	10/3/24	1350	G	Solid		X	X	X	X	X	X	X
T875-E-0.0	10/3/24	1355	G	Solid								
T875-C-0.0	10/3/24	1355	G	Solid								
T1000-W-0.0	10/3/24	1414	G	Solid								
T1000-~~E~~-0.0	10/3/24	1407	G	Solid								
T1000-C-0.0	10/3/24	1424	G	Solid								
T1125-W-0.0	10/3/24	~~1425~~ 1435	G	Solid								
T1125-E-0.0	10/3/24	1435	G									
T1125-C-0.0	10/3/24	1450	G									
Dup 3-20241003	10/3/24		G	Solid								
~~Trip Blank~~ TB 3-20241003						X						

KLL 10/3/24

Possible Hazard Identification
☐ Non-Hazard ☐ Flammable ☐ Skin Irritant ☐ Poison B ☐ Unknown ☐ Radiological

Sample Disposal (A fee may be assessed if samples are r
☐ Return To Client ☐ Disposal By Lab ☐

Deliverable Requested: I, II, III, IV, Other (specify)

Special Instructions/QC Requirements:

Empty Kit Relinquished by:	Date:	Time:	Method of Shipment:
Relinquished by: Nathan Byrd	Date/Time: 10/4/24 150	Company	Received by:	Date/T...

Eurofins Cleveland
180 S. Van Buren Avenue
Barberton, OH 44203
Phone (330) 497-9396 Phone (330) 497-0772

Chain of Custody Record

Client Information	Sampler: NB & SL	Lab PM: Kalis, Nicole A	Carrier Tracking No(s):
Client Contact: Kain Lager-Lowe	Phone:	E-Mail: Nicole.Kalis@et.eurofinsus.com	State of Origin:
Company: August Mack Environmental, Inc.	PWSID:		
Address: 7830 North Central Drive, Suite B	Due Date Requested:		
City: Lewis Center	TAT Requested (days): 3 Day TAT		
State, Zip: OH, 43035	Compliance Project: Δ Yes Δ No		
Phone: 740-548-1515(Tel)	PO #:		
Email: klagerlowe@augustmack.com	WO #:		
Project Name: MSC Canfield - Soil/Surface Water	Project #: DO NOT DELETE - 24033889		
Site:	SSOW#:		

Analysis Requested

Sample Identification	Sample Date	Sample Time	Sample Type (C=comp, G=grab)	Matrix (W=water, S=solid, O=waste/oil, BT=Tissue, A=Air)	Field Filtered Sample (Yes or No)	8260D - VOCs	8270E - SVOCs	8082A - PCBs	6010D, 7471B - RCRA 8, Cu & Zn	9012B - Total Cyanide	7196A - Hexavalent Chromium	1677 - Free Cyanide
Preservation Code:					X	X	N	N	N	N	N	N	N
T125-E-2.0	10/3/24	15:40	G	Solid	X		X	X	X	X	X	X	X
T125-E-2.0	10/3/24	11:20	G	Solid	X		X	X	X	X	X	X	X
T250-E-2.0	10/4/24	11:30	G	Solid	X		X	X	X	X	X	X	X
T250-W-2.0	10/4/24	12:10	G	Solid	X		X	X	X	X	X	X	X
T250-W-4.0	10/4/24	1212	G	Solid	X		X	X	X	X	X	X	X
TB1-20241004	10/4/24		G	Solid			X						
				Solid									
				Solid									
				Solid									
				Solid									
				Solid									

Possible Hazard Identification
☐ Non-Hazard ☐ Flammable ☐ Skin Irritant ☐ Poison B ☐ Unknown ☐ Radiological

Sample Disposal (A fee may be assessed if samples are r
☐ Return To Client ☐ Disposal By Lab ☐

Deliverable Requested: I, II, III, IV, Other (specify)

Special Instructions/QC Requirements:

Empty Kit Relinquished by:	Date:	Time:	Method of Shipment:
Relinquished by: Nathan Baird AME	Date/Time: 10/4/24 1B	Company:	Received by:

IR GUN # _____ (CF_____°C) Observed Cooler Temp._____°C Corrected Cooler Temp._____

2.	Were tamper/custody seals on the outside of the cooler(s)? If Yes Quantity_____	Yes (No)
	-Were the seals on the outside of the cooler(s) signed & dated?	Yes No (NA)
	-Were tamper/custody seals on the bottle(s) or bottle kits (LLHg/MeHg)?	Yes (No)
	-Were tamper/custody seals intact and uncompromised?	Yes No (NA)
3.	Shippers' packing slip attached to the cooler(s)?	Yes (No)
4.	Did custody papers accompany the sample(s)?	(Yes) No
5.	Were the custody papers relinquished & signed in the appropriate place?	(Yes) No
6.	Was/were the person(s) who collected the samples clearly identified on the COC?	(Yes) No
7.	Did all bottles arrive in good condition (Unbroken)?	(Yes) No
8.	Could all bottle labels (ID/Date/Time) be reconciled with the COC?	(Yes) No
9.	For each sample, does the COC specify preservatives (Y/N), # of containers (Y/N), and sample type of grab/comp(Y/N)?	
10.	Were correct bottle(s) used for the test(s) indicated?	(Yes) No
11.	Sufficient quantity received to perform indicated analyses?	(Yes) No
12.	Are these work share samples and all listed on the COC?	Yes (No)
	If yes, Questions 13-17 have been checked at the originating laboratory.	
13.	Were all preserved sample(s) at the correct pH upon receipt?	Yes No (NA) pH Strip Lot# HC44
14.	Were VOAs on the COC?	Yes (No)
15.	Were air bubbles >6 mm in any VOA vials? ● ⬅ Larger than this.	Yes No (NA)
16.	Was a VOA trip blank present in the cooler(s)? Trip Blank Lot #_____	Yes (No)
17.	Was a LL Hg or Me Hg trip blank present? _____	Yes (No)

Tests that are n checked for pH Receiving:

VOAs
Oil and Grease
TOC

Contacted PM _____ Date _____ by _____ via Verbal Voice Mail Other

Concerning _____

18. CHAIN OF CUSTODY & SAMPLE DISCREPANCIES ☐ additional next page

Samples processed by:

_____

_____

_____

_____

19. SAMPLE CONDITION

Sample(s) _____ were received after the recommended holding time had expired.

Sample(s) _____ were received in a broken container.

Sample(s) _____ were received with bubble >6 mm in diameter. (Notify PM)

20. SAMPLE PRESERVATION

Sample(s) _____ were further preserved in the laboratory.

Time preserved: _____ Preservative(s) added/Lot number(s): _____

VOA Sample Preservation - Date/Time VOAs Frozen: _____

WI-NC-099-092324 Cooler Receipt Form.doc

EC	Client	Box	Other	IR GUN #: _____			Wet Ice Blue Ice Water None

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1 2 3 4 5 6 7 8 9 10 11 12 13 14

ANALYTICAL REPORT

PREPARED FOR

Attn: Kain Lager-Lowe
August Mack Environmental, Inc.
7830 North Central Drive, Suite B
Lewis Center, Ohio 43035

Generated 10/10/2024 6:48:45 PM

JOB DESCRIPTION

MSC Canfield - Soil

JOB NUMBER

240-212437-2

Eurofins Cleveland
180 S. Van Buren Avenue
Barberton OH 44203

See page two for job notes and contact information.

myEOL

Job Notes

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The test results in this report relate only to the samples as received by the laboratory and will meet all requirements of the methodology, with any exceptions noted. This report shall not be reproduced except in full, without the express written approval of the laboratory. All questions should be directed to the Eurofins Environment Testing North Central, LLC Project Manager.

Authorization



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Authorized for release by
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Definitions/Glossary

Client: August Mack Environmental, Inc. Job ID: 240-212437-2
Project/Site: MSC Canfield - Soil

Qualifiers

General Chemistry

Qualifier	Qualifier Description
F1	MS and/or MSD recovery exceeds control limits.
J	Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.

Glossary

Abbreviation	These commonly used abbreviations may or may not be present in this report.
☼	Listed under the "D" column to designate that the result is reported on a dry weight basis
%R	Percent Recovery
CFL	Contains Free Liquid
CFU	Colony Forming Unit
CNF	Contains No Free Liquid
DER	Duplicate Error Ratio (normalized absolute difference)
Dil Fac	Dilution Factor
DL	Detection Limit (DoD/DOE)
DL, RA, RE, IN	Indicates a Dilution, Re-analysis, Re-extraction, or additional Initial metals/anion analysis of the sample
DLC	Decision Level Concentration (Radiochemistry)
EDL	Estimated Detection Limit (Dioxin)
LOD	Limit of Detection (DoD/DOE)
LOQ	Limit of Quantitation (DoD/DOE)
MCL	EPA recommended "Maximum Contaminant Level"
MDA	Minimum Detectable Activity (Radiochemistry)
MDC	Minimum Detectable Concentration (Radiochemistry)
MDL	Method Detection Limit
ML	Minimum Level (Dioxin)
MPN	Most Probable Number
MQL	Method Quantitation Limit
NC	Not Calculated
ND	Not Detected at the reporting limit (or MDL or EDL if shown)
NEG	Negative / Absent
POS	Positive / Present
PQL	Practical Quantitation Limit
PRES	Presumptive
QC	Quality Control
RER	Relative Error Ratio (Radiochemistry)
RL	Reporting Limit or Requested Limit (Radiochemistry)
RPD	Relative Percent Difference, a measure of the relative difference between two points
TEF	Toxicity Equivalent Factor (Dioxin)
TEQ	Toxicity Equivalent Quotient (Dioxin)
TNTC	Too Numerous To Count

Job ID: 240-212437-2 Eurofins Cleveland

Job Narrative
240-212437-2

Analytical test results meet all requirements of the associated regulatory program listed on the Accreditation/Certification Summary Page unless otherwise noted under the individual analysis. Data qualifiers and/or narrative comments are included to explain any exceptions, if applicable.

- Matrix QC may not be reported if insufficient sample is provided or site-specific QC samples were not submitted. In these situations, to demonstrate precision and accuracy at a batch level, a LCS/LCSD may be performed, unless otherwise specified in the method.
- Surrogate and/or isotope dilution analyte recoveries (if applicable) which are outside of the QC window are confirmed unless attributed to a dilution or otherwise noted in the narrative.

Regulated compliance samples (e.g. SDWA, NPDES) must comply with the associated agency requirements/permits.

Receipt
The samples were received on 10/4/2024 4:30 PM. Unless otherwise noted below, the samples arrived in good condition, and, where required, properly preserved and on ice. The temperatures of the 2 coolers at receipt time were 2.1°C and 2.5°C.

General Chemistry
Method 7196A: The following samples were diluted due to the nature of the sample matrix: T875-W-0.0 (240-212437-1) and (240-212357-G-14-C DU). Elevated reporting limits (RLs) are provided.

Method 7196A: The following samples were diluted due to the nature of the sample matrix: T1000-E-0.0 (240-212437-5), T1125-C-0.0 (240-212437-9) and DUP3-20241003 (240-212437-10). Elevated reporting limits (RLs) are provided.

Method 7196A: The matrix spike soluble (MSS) recovery for preparation batch 410-560807 and analytical batch 410-561397, were outside control limits due to sample matrix. The associated laboratory control sample (LCSS/LCSI) recoveries met acceptance criteria.

No additional analytical or quality issues were noted, other than those described above or in the Definitions/ Glossary page.

Method Summary

Client: August Mack Environmental, Inc.
Job ID: 240-212437-2
Project/Site: MSC Canfield - Soil

Method	Method Description	Protocol	Laboratory
7196A	Chromium, Hexavalent	SW846	ELLE
OIA-1677	Cyanide, Free (Flow Injection)	OI CORP	ELLE
3060A	Alkaline Digestion (Chromium, Hexavalent)	SW846	ELLE
D3987-85	ASTM Leaching Procedure	ASTM	ELLE

Protocol References:

ASTM = ASTM International

OI CORP = OI Corporation Instrument Manual.

SW846 = "Test Methods For Evaluating Solid Waste, Physical/Chemical Methods", Third Edition, November 1986 And Its Updates.

Laboratory References:

ELLE = Eurofins Lancaster Laboratories Environment Testing, LLC, 2425 New Holland Pike, Lancaster, PA 17601, TEL (717)656-2300

Sample Summary

Client: August Mack Environmental, Inc.
Job ID: 240-212437-2
Project/Site: MSC Canfield - Soil

Lab Sample ID	Client Sample ID	Matrix	Collected	Received
240-212437-1	T875-W-0.0	Solid	10/03/24 13:50	10/04/24 16:30
240-212437-2	T875-E-0.0	Solid	10/03/24 13:55	10/04/24 16:30
240-212437-3	T875-C-0.0	Solid	10/03/24 13:55	10/04/24 16:30
240-212437-4	T1000-W-0.0	Solid	10/03/24 14:14	10/04/24 16:30
240-212437-5	T1000-E-0.0	Solid	10/03/24 14:07	10/04/24 16:30
240-212437-6	T1000-C-0.0	Solid	10/03/24 14:24	10/04/24 16:30
240-212437-7	T1125-W-0.0	Solid	10/03/24 14:35	10/04/24 16:30
240-212437-8	T1125-E-0.0	Solid	10/03/24 14:35	10/04/24 16:30
240-212437-9	T1125-C-0.0	Solid	10/03/24 14:50	10/04/24 16:30
240-212437-10	DUP3-20241003	Solid	10/03/24 00:00	10/04/24 16:30
240-212437-12	T125-E-2.0	Solid	10/03/24 15:40	10/04/24 16:30
240-212437-13	T125-W-2.0	Solid	10/04/24 11:04	10/04/24 16:30
240-212437-14	T250-E-2.0	Solid	10/04/24 11:30	10/04/24 16:30
240-212437-15	T250-W-2.0	Solid	10/04/24 12:10	10/04/24 16:30
240-212437-16	T250-W-4.0	Solid	10/04/24 12:12	10/04/24 16:30

Detection Summary

Client: August Mack Environmental, Inc.
Project/Site: MSC Canfield - Soil

Job ID: 240-212437-2

Client Sample ID: T875-W-0.0 — Lab Sample ID: 240-212437-1

No Detections.

Client Sample ID: T875-E-0.0 — Lab Sample ID: 240-212437-2

No Detections.

Client Sample ID: T875-C-0.0 — Lab Sample ID: 240-212437-3

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Cyanide, Free	0.011		0.0060	0.0050	mg/L	1		OIA-1677	ASTM Leach

Client Sample ID: T1000-W-0.0 — Lab Sample ID: 240-212437-4

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Cyanide, Free	0.0072		0.0060	0.0050	mg/L	1		OIA-1677	ASTM Leach

Client Sample ID: T1000-E-0.0 — Lab Sample ID: 240-212437-5

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Cyanide, Free	0.0055	J	0.0060	0.0050	mg/L	1		OIA-1677	ASTM Leach

Client Sample ID: T1000-C-0.0 — Lab Sample ID: 240-212437-6

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Cyanide, Free	0.0095		0.0060	0.0050	mg/L	1		OIA-1677	ASTM Leach

Client Sample ID: T1125-W-0.0 — Lab Sample ID: 240-212437-7

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Cyanide, Free	0.042		0.0060	0.0050	mg/L	1		OIA-1677	ASTM Leach

Client Sample ID: T1125-E-0.0 — Lab Sample ID: 240-212437-8

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Cyanide, Free	0.0053	J	0.0060	0.0050	mg/L	1		OIA-1677	ASTM Leach

Client Sample ID: T1125-C-0.0 — Lab Sample ID: 240-212437-9

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Cyanide, Free	0.0065		0.0060	0.0050	mg/L	1		OIA-1677	ASTM Leach

Client Sample ID: DUP3-20241003 — Lab Sample ID: 240-212437-10

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Cyanide, Free	0.021		0.0060	0.0050	mg/L	1		OIA-1677	ASTM Leach

Client Sample ID: T125-E-2.0 — Lab Sample ID: 240-212437-12

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Cyanide, Free	0.0072		0.0060	0.0050	mg/L	1		OIA-1677	ASTM Leach

Client Sample ID: T125-W-2.0 — Lab Sample ID: 240-212437-13

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Cyanide, Free	0.0073		0.0060	0.0050	mg/L	1		OIA-1677	ASTM Leach

This Detection Summary does not include radiochemical test results.

Detection Summary

Client: August Mack Environmental, Inc.
Project/Site: MSC Canfield - Soil

Job ID: 240-212437-2

Client Sample ID: T250-E-2.0 — Lab Sample ID: 240-212437-14

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Cyanide, Free	0.015		0.0060	0.0050	mg/L	1		OIA-1677	ASTM Leach

Client Sample ID: T250-W-2.0 — Lab Sample ID: 240-212437-15

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Cyanide, Free	0.0075		0.0060	0.0050	mg/L	1		OIA-1677	ASTM Leach

Client Sample ID: T250-W-4.0 — Lab Sample ID: 240-212437-16

No Detections.

This Detection Summary does not include radiochemical test results.

Client: August Mack Environmental, Inc.
Job ID: 240-212437-2
Project/Site: MSC Canfield - Soil

Client Sample ID: T875-W-0.0
Lab Sample ID: 240-212437-1
Date Collected: 10/03/24 13:50
Matrix: Solid
Date Received: 10/04/24 16:30
Percent Solids: 70.6

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cr (VI) (SW846 7196A)	ND		3.1	1.0	mg/Kg	☼	10/08/24 15:15	10/09/24 19:11	5

General Chemistry - ASTM Leach

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cyanide, Free (OI CORP OIA-1677)	ND	F1	0.0060	0.0050	mg/L			10/10/24 14:13	1

Client: August Mack Environmental, Inc.
Job ID: 240-212437-2
Project/Site: MSC Canfield - Soil

Client Sample ID: T875-E-0.0
Lab Sample ID: 240-212437-2
Date Collected: 10/03/24 13:55
Matrix: Solid
Date Received: 10/04/24 16:30
Percent Solids: 83.5

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cr (VI) (SW846 7196A)	ND		0.49	0.16	mg/Kg	☼	10/08/24 15:15	10/09/24 19:11	1

General Chemistry - ASTM Leach

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cyanide, Free (OI CORP OIA-1677)	ND		0.0060	0.0050	mg/L			10/10/24 15:18	1

Client: August Mack Environmental, Inc.
Project/Site: MSC Canfield - Soil

Job ID: 240-212437-2

Client Sample ID: T875-C-0.0
Date Collected: 10/03/24 13:55
Date Received: 10/04/24 16:30

Lab Sample ID: 240-212437-3
Matrix: Solid
Percent Solids: 80.8

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cr (VI) (SW846 7196A)	ND		0.54	0.18	mg/Kg	☼	10/08/24 15:15	10/09/24 19:11	1

General Chemistry - ASTM Leach

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cyanide, Free (OI CORP OIA-1677)	0.011		0.0060	0.0050	mg/L			10/10/24 15:45	1

Client: August Mack Environmental, Inc.
Project/Site: MSC Canfield - Soil

Job ID: 240-212437-2

Client Sample ID: T1000-W-0.0
Date Collected: 10/03/24 14:14
Date Received: 10/04/24 16:30

Lab Sample ID: 240-212437-4
Matrix: Solid
Percent Solids: 74.2

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cr (VI) (SW846 7196A)	ND		0.55	0.18	mg/Kg	☼	10/09/24 10:00	10/09/24 22:46	1

General Chemistry - ASTM Leach

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cyanide, Free (OI CORP OIA-1677)	0.0072		0.0060	0.0050	mg/L			10/10/24 15:48	1

Client: August Mack Environmental, Inc.
Project/Site: MSC Canfield - Soil

Job ID: 240-212437-2

Client Sample ID: T1000-E-0.0
Date Collected: 10/03/24 14:07
Date Received: 10/04/24 16:30

Lab Sample ID: 240-212437-5
Matrix: Solid
Percent Solids: 64.3

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cr (VI) (SW846 7196A)	ND		6.5	2.2	mg/Kg	☼	10/09/24 10:00	10/09/24 22:46	10

General Chemistry - ASTM Leach

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cyanide, Free (OI CORP OIA-1677)	0.0055	J	0.0060	0.0050	mg/L			10/10/24 15:53	1

Client: August Mack Environmental, Inc.
Project/Site: MSC Canfield - Soil

Job ID: 240-212437-2

Client Sample ID: T1000-C-0.0
Date Collected: 10/03/24 14:24
Date Received: 10/04/24 16:30

Lab Sample ID: 240-212437-6
Matrix: Solid
Percent Solids: 78.4

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cr (VI) (SW846 7196A)	ND		0.54	0.18	mg/Kg	☼	10/09/24 10:00	10/09/24 22:46	1

General Chemistry - ASTM Leach

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cyanide, Free (OI CORP OIA-1677)	0.0095		0.0060	0.0050	mg/L			10/10/24 15:55	1

Client: August Mack Environmental, Inc.
Job ID: 240-212437-2
Project/Site: MSC Canfield - Soil

Client Sample ID: T1125-W-0.0
Lab Sample ID: 240-212437-7
Date Collected: 10/03/24 14:35
Matrix: Solid
Date Received: 10/04/24 16:30

General Chemistry - ASTM Leach

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cyanide, Free (OI CORP OIA-1677)	0.042		0.0060	0.0050	mg/L			10/09/24 15:07	1

Client: August Mack Environmental, Inc.
Job ID: 240-212437-2
Project/Site: MSC Canfield - Soil

Client Sample ID: T1125-W-0.0
Lab Sample ID: 240-212437-7
Date Collected: 10/03/24 14:35
Matrix: Solid
Date Received: 10/04/24 16:30
Percent Solids: 77.5

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cr (VI) (SW846 7196A)	ND		0.54	0.18	mg/Kg	☼	10/09/24 10:00	10/09/24 22:46	1

Client: August Mack Environmental, Inc.
Project/Site: MSC Canfield - Soil

Job ID: 240-212437-2

Client Sample ID: T1125-E-0.0
Date Collected: 10/03/24 14:35
Date Received: 10/04/24 16:30

Lab Sample ID: 240-212437-8
Matrix: Solid

General Chemistry - ASTM Leach

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cyanide, Free (OI CORP OIA-1677)	0.0053	J	0.0060	0.0050	mg/L			10/09/24 15:04	1

Client: August Mack Environmental, Inc.
Job ID: 240-212437-2
Project/Site: MSC Canfield - Soil

Client Sample ID: T1125-E-0.0
Lab Sample ID: 240-212437-8
Date Collected: 10/03/24 14:35
Matrix: Solid
Date Received: 10/04/24 16:30
Percent Solids: 68.7

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cr (VI) (SW846 7196A)	ND		0.61	0.20	mg/Kg	☼	10/09/24 10:00	10/09/24 22:46	1

Client: August Mack Environmental, Inc.
Project/Site: MSC Canfield - Soil

Job ID: 240-212437-2

Client Sample ID: T1125-C-0.0
Date Collected: 10/03/24 14:50
Date Received: 10/04/24 16:30

Lab Sample ID: 240-212437-9
Matrix: Solid

General Chemistry - ASTM Leach

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cyanide, Free (OI CORP OIA-1677)	0.0065		0.0060	0.0050	mg/L			10/09/24 15:24	1

Client: August Mack Environmental, Inc.
Job ID: 240-212437-2
Project/Site: MSC Canfield - Soil

Client Sample ID: T1125-C-0.0
Lab Sample ID: 240-212437-9
Date Collected: 10/03/24 14:50
Matrix: Solid
Date Received: 10/04/24 16:30
Percent Solids: 64.2

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cr (VI) (SW846 7196A)	ND		6.4	2.1	mg/Kg	☼	10/09/24 10:00	10/09/24 22:46	10

Client: August Mack Environmental, Inc.
Job ID: 240-212437-2
Project/Site: MSC Canfield - Soil

Client Sample ID: DUP3-20241003
Lab Sample ID: 240-212437-10
Date Collected: 10/03/24 00:00
Matrix: Solid
Date Received: 10/04/24 16:30

General Chemistry - ASTM Leach

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cyanide, Free (OI CORP OIA-1677)	0.021		0.0060	0.0050	mg/L			10/09/24 15:37	1

Client: August Mack Environmental, Inc.
Job ID: 240-212437-2
Project/Site: MSC Canfield - Soil

Client Sample ID: DUP3-20241003
Lab Sample ID: 240-212437-10
Date Collected: 10/03/24 00:00
Matrix: Solid
Date Received: 10/04/24 16:30
Percent Solids: 78.7

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cr (VI) (SW846 7196A)	ND		5.2	1.7	mg/Kg	☼	10/09/24 10:00	10/09/24 22:46	10

Client: August Mack Environmental, Inc.
Project/Site: MSC Canfield - Soil

Job ID: 240-212437-2

Client Sample ID: T125-E-2.0
Date Collected: 10/03/24 15:40
Date Received: 10/04/24 16:30

Lab Sample ID: 240-212437-12
Matrix: Solid

General Chemistry - ASTM Leach

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cyanide, Free (OI CORP OIA-1677)	0.0072		0.0060	0.0050	mg/L			10/09/24 15:34	1

Client: August Mack Environmental, Inc.
Job ID: 240-212437-2
Project/Site: MSC Canfield - Soil

Client Sample ID: T125-E-2.0
Lab Sample ID: 240-212437-12
Date Collected: 10/03/24 15:40
Matrix: Solid
Date Received: 10/04/24 16:30
Percent Solids: 77.6

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cr (VI) (SW846 7196A)	ND		0.53	0.18	mg/Kg	☼	10/09/24 10:00	10/09/24 22:46	1

Client: August Mack Environmental, Inc.
Job ID: 240-212437-2
Project/Site: MSC Canfield - Soil

Client Sample ID: T125-W-2.0
Lab Sample ID: 240-212437-13
Date Collected: 10/04/24 11:04
Matrix: Solid
Date Received: 10/04/24 16:30

General Chemistry - ASTM Leach

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cyanide, Free (OI CORP OIA-1677)	0.0073		0.0060	0.0050	mg/L			10/09/24 15:32	1

Client Sample Results

Client: August Mack Environmental, Inc.
Job ID: 240-212437-2
Project/Site: MSC Canfield - Soil

Client Sample ID: T125-W-2.0
Lab Sample ID: 240-212437-13
Date Collected: 10/04/24 11:04
Matrix: Solid
Date Received: 10/04/24 16:30
Percent Solids: 78.4

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cr (VI) (SW846 7196A)	ND		0.52	0.17	mg/Kg	☼	10/09/24 10:00	10/09/24 22:46	1

Client: August Mack Environmental, Inc.
Project/Site: MSC Canfield - Soil

Job ID: 240-212437-2

Client Sample ID: T250-E-2.0
Date Collected: 10/04/24 11:30
Date Received: 10/04/24 16:30

Lab Sample ID: 240-212437-14
Matrix: Solid

General Chemistry - ASTM Leach

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cyanide, Free (OI CORP OIA-1677)	0.015		0.0060	0.0050	mg/L			10/09/24 15:02	1

Client Sample Results

Client: August Mack Environmental, Inc.
Job ID: 240-212437-2
Project/Site: MSC Canfield - Soil

Client Sample ID: T250-E-2.0
Lab Sample ID: 240-212437-14
Date Collected: 10/04/24 11:30
Matrix: Solid
Date Received: 10/04/24 16:30
Percent Solids: 76.8

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cr (VI) (SW846 7196A)	ND		0.54	0.18	mg/Kg	☼	10/09/24 10:00	10/09/24 22:46	1

Client: August Mack Environmental, Inc.
Project/Site: MSC Canfield - Soil

Job ID: 240-212437-2

Client Sample ID: T250-W-2.0
Date Collected: 10/04/24 12:10
Date Received: 10/04/24 16:30

Lab Sample ID: 240-212437-15
Matrix: Solid

General Chemistry - ASTM Leach

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cyanide, Free (OI CORP OIA-1677)	0.0075		0.0060	0.0050	mg/L			10/09/24 15:12	1

Client: August Mack Environmental, Inc.
Job ID: 240-212437-2
Project/Site: MSC Canfield - Soil

Client Sample ID: T250-W-2.0
Lab Sample ID: 240-212437-15
Date Collected: 10/04/24 12:10
Matrix: Solid
Date Received: 10/04/24 16:30
Percent Solids: 75.5

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cr (VI) (SW846 7196A)	ND		0.56	0.19	mg/Kg	☼	10/09/24 10:00	10/09/24 22:46	1

Client: August Mack Environmental, Inc.
Job ID: 240-212437-2
Project/Site: MSC Canfield - Soil

Client Sample ID: T250-W-4.0
Lab Sample ID: 240-212437-16
Date Collected: 10/04/24 12:12
Matrix: Solid
Date Received: 10/04/24 16:30

General Chemistry - ASTM Leach

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cyanide, Free (OI CORP OIA-1677)	ND		0.0060	0.0050	mg/L			10/09/24 15:09	1

Client: August Mack Environmental, Inc.
Job ID: 240-212437-2
Project/Site: MSC Canfield - Soil

Client Sample ID: T250-W-4.0
Lab Sample ID: 240-212437-16
Date Collected: 10/04/24 12:12
Matrix: Solid
Date Received: 10/04/24 16:30
Percent Solids: 74.9

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cr (VI) (SW846 7196A)	ND		0.55	0.18	mg/Kg	☼	10/09/24 10:00	10/09/24 22:46	1

Method: 7196A - Chromium, Hexavalent

Lab Sample ID: MB 410-560807/1-A
Matrix: Solid
Analysis Batch: 561397

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 560807

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cr (VI)	ND		0.42	0.14	mg/Kg		10/08/24 15:15	10/09/24 19:11	1

Lab Sample ID: LCS 410-560807/2-A
Matrix: Solid
Analysis Batch: 561397

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 560807

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Cr (VI)	5.00	4.94		mg/Kg		99	80 - 120

Lab Sample ID: LCSI 410-560807/3-A
Matrix: Solid
Analysis Batch: 561397

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 560807

Analyte	Spike Added	LCSI Result	LCSI Qualifier	Unit	D	%Rec	%Rec Limits
Cr (VI)	720	661		mg/Kg		92	80 - 120

Lab Sample ID: MB 410-560815/1-A
Matrix: Solid
Analysis Batch: 561429

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 560815

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cr (VI)	ND		0.42	0.14	mg/Kg		10/09/24 10:00	10/09/24 22:46	1

Lab Sample ID: LCS 410-560815/2-A
Matrix: Solid
Analysis Batch: 561429

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 560815

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Cr (VI)	5.00	4.88		mg/Kg		98	80 - 120

Lab Sample ID: LCSI 410-560815/3-A
Matrix: Solid
Analysis Batch: 561429

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 560815

Analyte	Spike Added	LCSI Result	LCSI Qualifier	Unit	D	%Rec	%Rec Limits
Cr (VI)	804	790		mg/Kg		98	80 - 120

Method: OIA-1677 - Cyanide, Free (Flow Injection)

Lab Sample ID: MB 410-561377/17
Matrix: Solid
Analysis Batch: 561377

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cyanide, Free	ND		0.0060	0.0050	mg/L			10/09/24 13:57	1

Method: OIA-1677 - Cyanide, Free (Flow Injection) (Continued)

Lab Sample ID: MB 410-561377/33
Matrix: Solid
Analysis Batch: 561377

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cyanide, Free	ND		0.0060	0.0050	mg/L			10/09/24 14:37	1

Lab Sample ID: MB 410-561377/49
Matrix: Solid
Analysis Batch: 561377

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cyanide, Free	ND		0.0060	0.0050	mg/L			10/09/24 15:17	1

Lab Sample ID: LCS 410-561377/32
Matrix: Solid
Analysis Batch: 561377

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Cyanide, Free	0.0500	0.0475		mg/L		95	82 - 132

Lab Sample ID: LCS 410-561377/48
Matrix: Solid
Analysis Batch: 561377

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Cyanide, Free	0.0500	0.0465		mg/L		93	82 - 132

Lab Sample ID: MB 410-561861/17
Matrix: Solid
Analysis Batch: 561861

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cyanide, Free	ND		0.0060	0.0050	mg/L			10/10/24 14:10	1

Lab Sample ID: MB 410-561861/33
Matrix: Solid
Analysis Batch: 561861

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cyanide, Free	ND		0.0060	0.0050	mg/L			10/10/24 14:50	1

Lab Sample ID: MB 410-561861/49
Matrix: Solid
Analysis Batch: 561861

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cyanide, Free	ND		0.0060	0.0050	mg/L			10/10/24 15:30	1

Lab Sample ID: LCS 410-561861/16
Matrix: Solid
Analysis Batch: 561861

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Cyanide, Free	0.0500	0.0447		mg/L		89	82 - 132

Method: OIA-1677 - Cyanide, Free (Flow Injection)

Lab Sample ID: LCS 410-561861/32
Matrix: Solid
Analysis Batch: 561861

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Cyanide, Free	0.0500	0.0451		mg/L		90	82 - 132

Lab Sample ID: LCS 410-561861/48
Matrix: Solid
Analysis Batch: 561861

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Cyanide, Free	0.0500	0.0441		mg/L		88	82 - 132

Lab Sample ID: 240-212437-9 MS
Matrix: Solid
Analysis Batch: 561377

Client Sample ID: T1125-C-0.0
Prep Type: ASTM Leach

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Cyanide, Free	0.0065		0.0500	0.0559		mg/L		99	82 - 130

Lab Sample ID: 240-212437-9 MSD
Matrix: Solid
Analysis Batch: 561377

Client Sample ID: T1125-C-0.0
Prep Type: ASTM Leach

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Cyanide, Free	0.0065		0.0500	0.0556		mg/L		98	82 - 130	1	11

Lab Sample ID: 240-212437-1 MS
Matrix: Solid
Analysis Batch: 561861

Client Sample ID: T875-W-0.0
Prep Type: ASTM Leach

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Cyanide, Free	ND	F1	0.0100	0.00515	J F1	mg/L		52	82 - 130

Lab Sample ID: 240-212437-1 MSD
Matrix: Solid
Analysis Batch: 561861

Client Sample ID: T875-W-0.0
Prep Type: ASTM Leach

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Cyanide, Free	ND	F1	0.0100	0.00513	J F1	mg/L		51	82 - 130	1	11

General Chemistry

Leach Batch: 559869

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
240-212437-1	T875-W-0.0	ASTM Leach	Solid	D3987-85	
240-212437-2	T875-E-0.0	ASTM Leach	Solid	D3987-85	
240-212437-3	T875-C-0.0	ASTM Leach	Solid	D3987-85	
240-212437-4	T1000-W-0.0	ASTM Leach	Solid	D3987-85	
240-212437-5	T1000-E-0.0	ASTM Leach	Solid	D3987-85	
240-212437-6	T1000-C-0.0	ASTM Leach	Solid	D3987-85	
240-212437-7	T1125-W-0.0	ASTM Leach	Solid	D3987-85	
240-212437-8	T1125-E-0.0	ASTM Leach	Solid	D3987-85	
240-212437-9	T1125-C-0.0	ASTM Leach	Solid	D3987-85	
240-212437-10	DUP3-20241003	ASTM Leach	Solid	D3987-85	
240-212437-12	T125-E-2.0	ASTM Leach	Solid	D3987-85	
240-212437-13	T125-W-2.0	ASTM Leach	Solid	D3987-85	
240-212437-14	T250-E-2.0	ASTM Leach	Solid	D3987-85	
240-212437-15	T250-W-2.0	ASTM Leach	Solid	D3987-85	
240-212437-16	T250-W-4.0	ASTM Leach	Solid	D3987-85	
240-212437-1 MS	T875-W-0.0	ASTM Leach	Solid	D3987-85	
240-212437-1 MSD	T875-W-0.0	ASTM Leach	Solid	D3987-85	
240-212437-9 MS	T1125-C-0.0	ASTM Leach	Solid	D3987-85	
240-212437-9 MSD	T1125-C-0.0	ASTM Leach	Solid	D3987-85	

Prep Batch: 560807

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
240-212437-1	T875-W-0.0	Total/NA	Solid	3060A	
240-212437-2	T875-E-0.0	Total/NA	Solid	3060A	
240-212437-3	T875-C-0.0	Total/NA	Solid	3060A	
MB 410-560807/1-A	Method Blank	Total/NA	Solid	3060A	
LCS 410-560807/2-A	Lab Control Sample	Total/NA	Solid	3060A	
LCSI 410-560807/3-A	Lab Control Sample	Total/NA	Solid	3060A	

Prep Batch: 560815

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
240-212437-4	T1000-W-0.0	Total/NA	Solid	3060A	
240-212437-5	T1000-E-0.0	Total/NA	Solid	3060A	
240-212437-6	T1000-C-0.0	Total/NA	Solid	3060A	
240-212437-7	T1125-W-0.0	Total/NA	Solid	3060A	
240-212437-8	T1125-E-0.0	Total/NA	Solid	3060A	
240-212437-9	T1125-C-0.0	Total/NA	Solid	3060A	
240-212437-10	DUP3-20241003	Total/NA	Solid	3060A	
240-212437-12	T125-E-2.0	Total/NA	Solid	3060A	
240-212437-13	T125-W-2.0	Total/NA	Solid	3060A	
240-212437-14	T250-E-2.0	Total/NA	Solid	3060A	
240-212437-15	T250-W-2.0	Total/NA	Solid	3060A	
240-212437-16	T250-W-4.0	Total/NA	Solid	3060A	
MB 410-560815/1-A	Method Blank	Total/NA	Solid	3060A	
LCS 410-560815/2-A	Lab Control Sample	Total/NA	Solid	3060A	
LCSI 410-560815/3-A	Lab Control Sample	Total/NA	Solid	3060A	

Analysis Batch: 561377

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
240-212437-7	T1125-W-0.0	ASTM Leach	Solid	OIA-1677	559869
240-212437-8	T1125-E-0.0	ASTM Leach	Solid	OIA-1677	559869

General Chemistry (Continued)

Analysis Batch: 561377 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
240-212437-9	T1125-C-0.0	ASTM Leach	Solid	OIA-1677	559869
240-212437-10	DUP3-20241003	ASTM Leach	Solid	OIA-1677	559869
240-212437-12	T125-E-2.0	ASTM Leach	Solid	OIA-1677	559869
240-212437-13	T125-W-2.0	ASTM Leach	Solid	OIA-1677	559869
240-212437-14	T250-E-2.0	ASTM Leach	Solid	OIA-1677	559869
240-212437-15	T250-W-2.0	ASTM Leach	Solid	OIA-1677	559869
240-212437-16	T250-W-4.0	ASTM Leach	Solid	OIA-1677	559869
MB 410-561377/17	Method Blank	Total/NA	Solid	OIA-1677	
MB 410-561377/33	Method Blank	Total/NA	Solid	OIA-1677	
MB 410-561377/49	Method Blank	Total/NA	Solid	OIA-1677	
LCS 410-561377/32	Lab Control Sample	Total/NA	Solid	OIA-1677	
LCS 410-561377/48	Lab Control Sample	Total/NA	Solid	OIA-1677	
240-212437-9 MS	T1125-C-0.0	ASTM Leach	Solid	OIA-1677	559869
240-212437-9 MSD	T1125-C-0.0	ASTM Leach	Solid	OIA-1677	559869

Analysis Batch: 561397

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
240-212437-1	T875-W-0.0	Total/NA	Solid	7196A	560807
240-212437-2	T875-E-0.0	Total/NA	Solid	7196A	560807
240-212437-3	T875-C-0.0	Total/NA	Solid	7196A	560807
MB 410-560807/1-A	Method Blank	Total/NA	Solid	7196A	560807
LCS 410-560807/2-A	Lab Control Sample	Total/NA	Solid	7196A	560807
LCSI 410-560807/3-A	Lab Control Sample	Total/NA	Solid	7196A	560807

Analysis Batch: 561429

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
240-212437-4	T1000-W-0.0	Total/NA	Solid	7196A	560815
240-212437-5	T1000-E-0.0	Total/NA	Solid	7196A	560815
240-212437-6	T1000-C-0.0	Total/NA	Solid	7196A	560815
240-212437-7	T1125-W-0.0	Total/NA	Solid	7196A	560815
240-212437-8	T1125-E-0.0	Total/NA	Solid	7196A	560815
240-212437-9	T1125-C-0.0	Total/NA	Solid	7196A	560815
240-212437-10	DUP3-20241003	Total/NA	Solid	7196A	560815
240-212437-12	T125-E-2.0	Total/NA	Solid	7196A	560815
240-212437-13	T125-W-2.0	Total/NA	Solid	7196A	560815
240-212437-14	T250-E-2.0	Total/NA	Solid	7196A	560815
240-212437-15	T250-W-2.0	Total/NA	Solid	7196A	560815
240-212437-16	T250-W-4.0	Total/NA	Solid	7196A	560815
MB 410-560815/1-A	Method Blank	Total/NA	Solid	7196A	560815
LCS 410-560815/2-A	Lab Control Sample	Total/NA	Solid	7196A	560815
LCSI 410-560815/3-A	Lab Control Sample	Total/NA	Solid	7196A	560815

Analysis Batch: 561861

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
240-212437-1	T875-W-0.0	ASTM Leach	Solid	OIA-1677	559869
240-212437-2	T875-E-0.0	ASTM Leach	Solid	OIA-1677	559869
240-212437-3	T875-C-0.0	ASTM Leach	Solid	OIA-1677	559869
240-212437-4	T1000-W-0.0	ASTM Leach	Solid	OIA-1677	559869
240-212437-5	T1000-E-0.0	ASTM Leach	Solid	OIA-1677	559869
240-212437-6	T1000-C-0.0	ASTM Leach	Solid	OIA-1677	559869
MB 410-561861/17	Method Blank	Total/NA	Solid	OIA-1677	

General Chemistry (Continued)

Analysis Batch: 561861 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
MB 410-561861/33	Method Blank	Total/NA	Solid	OIA-1677	
MB 410-561861/49	Method Blank	Total/NA	Solid	OIA-1677	
LCS 410-561861/16	Lab Control Sample	Total/NA	Solid	OIA-1677	
LCS 410-561861/32	Lab Control Sample	Total/NA	Solid	OIA-1677	
LCS 410-561861/48	Lab Control Sample	Total/NA	Solid	OIA-1677	
240-212437-1 MS	T875-W-0.0	ASTM Leach	Solid	OIA-1677	559869
240-212437-1 MSD	T875-W-0.0	ASTM Leach	Solid	OIA-1677	559869

Lab Chronicle

Client: August Mack Environmental, Inc.
Project/Site: MSC Canfield - Soil

Job ID: 240-212437-2

Client Sample ID: T875-W-0.0 — **Lab Sample ID: 240-212437-1**
Date Collected: 10/03/24 13:50 — **Matrix: Solid**
Date Received: 10/04/24 16:30

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
ASTM Leach	Leach	D3987-85			559869	UNWS	ELLE	10/06/24 16:00 - 10/07/24 09:47 [1]
ASTM Leach	Analysis	OIA-1677		1	561861	UJE2	ELLE	10/10/24 14:13

Client Sample ID: T875-W-0.0 — **Lab Sample ID: 240-212437-1**
Date Collected: 10/03/24 13:50 — **Matrix: Solid**
Date Received: 10/04/24 16:30 — **Percent Solids: 70.6**

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	3060A			560807	UDS7	ELLE	10/08/24 15:15
Total/NA	Analysis	7196A		5	561397	UDS7	ELLE	10/09/24 19:11

Client Sample ID: T875-E-0.0 — **Lab Sample ID: 240-212437-2**
Date Collected: 10/03/24 13:55 — **Matrix: Solid**
Date Received: 10/04/24 16:30

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
ASTM Leach	Leach	D3987-85			559869	UNWS	ELLE	10/06/24 16:00 - 10/07/24 09:47 [1]
ASTM Leach	Analysis	OIA-1677		1	561861	UJE2	ELLE	10/10/24 15:18

Client Sample ID: T875-E-0.0 — **Lab Sample ID: 240-212437-2**
Date Collected: 10/03/24 13:55 — **Matrix: Solid**
Date Received: 10/04/24 16:30 — **Percent Solids: 83.5**

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	3060A			560807	UDS7	ELLE	10/08/24 15:15
Total/NA	Analysis	7196A		1	561397	UDS7	ELLE	10/09/24 19:11

Client Sample ID: T875-C-0.0 — **Lab Sample ID: 240-212437-3**
Date Collected: 10/03/24 13:55 — **Matrix: Solid**
Date Received: 10/04/24 16:30

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
ASTM Leach	Leach	D3987-85			559869	UNWS	ELLE	10/06/24 16:00 - 10/07/24 09:47 [1]
ASTM Leach	Analysis	OIA-1677		1	561861	UJE2	ELLE	10/10/24 15:45

Client Sample ID: T875-C-0.0 — **Lab Sample ID: 240-212437-3**
Date Collected: 10/03/24 13:55 — **Matrix: Solid**
Date Received: 10/04/24 16:30 — **Percent Solids: 80.8**

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	3060A			560807	UDS7	ELLE	10/08/24 15:15
Total/NA	Analysis	7196A		1	561397	UDS7	ELLE	10/09/24 19:11

Lab Chronicle

Client: August Mack Environmental, Inc.
Job ID: 240-212437-2
Project/Site: MSC Canfield - Soil

Client Sample ID: T1000-W-0.0
Lab Sample ID: 240-212437-4
Date Collected: 10/03/24 14:14
Matrix: Solid
Date Received: 10/04/24 16:30

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
ASTM Leach	Leach	D3987-85			559869	UNWS	ELLE	10/06/24 16:00 - 10/07/24 09:47 [1]
ASTM Leach	Analysis	OIA-1677		1	561861	UJE2	ELLE	10/10/24 15:48

Client Sample ID: T1000-W-0.0
Lab Sample ID: 240-212437-4
Date Collected: 10/03/24 14:14
Matrix: Solid
Date Received: 10/04/24 16:30
Percent Solids: 74.2

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	3060A			560815	W2JF	ELLE	10/09/24 10:00
Total/NA	Analysis	7196A		1	561429	UDS7	ELLE	10/09/24 22:46

Client Sample ID: T1000-E-0.0
Lab Sample ID: 240-212437-5
Date Collected: 10/03/24 14:07
Matrix: Solid
Date Received: 10/04/24 16:30

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
ASTM Leach	Leach	D3987-85			559869	UNWS	ELLE	10/06/24 16:00 - 10/07/24 09:47 [1]
ASTM Leach	Analysis	OIA-1677		1	561861	UJE2	ELLE	10/10/24 15:53

Client Sample ID: T1000-E-0.0
Lab Sample ID: 240-212437-5
Date Collected: 10/03/24 14:07
Matrix: Solid
Date Received: 10/04/24 16:30
Percent Solids: 64.3

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	3060A			560815	W2JF	ELLE	10/09/24 10:00
Total/NA	Analysis	7196A		10	561429	UDS7	ELLE	10/09/24 22:46

Client Sample ID: T1000-C-0.0
Lab Sample ID: 240-212437-6
Date Collected: 10/03/24 14:24
Matrix: Solid
Date Received: 10/04/24 16:30

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
ASTM Leach	Leach	D3987-85			559869	UNWS	ELLE	10/06/24 16:00 - 10/07/24 09:47 [1]
ASTM Leach	Analysis	OIA-1677		1	561861	UJE2	ELLE	10/10/24 15:55

Client Sample ID: T1000-C-0.0
Lab Sample ID: 240-212437-6
Date Collected: 10/03/24 14:24
Matrix: Solid
Date Received: 10/04/24 16:30
Percent Solids: 78.4

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	3060A			560815	W2JF	ELLE	10/09/24 10:00
Total/NA	Analysis	7196A		1	561429	UDS7	ELLE	10/09/24 22:46

Lab Chronicle

Client: August Mack Environmental, Inc.
Project/Site: MSC Canfield - Soil

Job ID: 240-212437-2

Client Sample ID: T1125-W-0.0 — **Lab Sample ID: 240-212437-7**
Date Collected: 10/03/24 14:35 — **Matrix: Solid**
Date Received: 10/04/24 16:30

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
ASTM Leach	Leach	D3987-85			559869	UNWS	ELLE	10/06/24 16:00 - 10/07/24 09:47 [1]
ASTM Leach	Analysis	OIA-1677		1	561377	UJE2	ELLE	10/09/24 15:07

Client Sample ID: T1125-W-0.0 — **Lab Sample ID: 240-212437-7**
Date Collected: 10/03/24 14:35 — **Matrix: Solid**
Date Received: 10/04/24 16:30 — **Percent Solids: 77.5**

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	3060A			560815	W2JF	ELLE	10/09/24 10:00
Total/NA	Analysis	7196A		1	561429	UDS7	ELLE	10/09/24 22:46

Client Sample ID: T1125-E-0.0 — **Lab Sample ID: 240-212437-8**
Date Collected: 10/03/24 14:35 — **Matrix: Solid**
Date Received: 10/04/24 16:30

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
ASTM Leach	Leach	D3987-85			559869	UNWS	ELLE	10/06/24 16:00 - 10/07/24 09:47 [1]
ASTM Leach	Analysis	OIA-1677		1	561377	UJE2	ELLE	10/09/24 15:04

Client Sample ID: T1125-E-0.0 — **Lab Sample ID: 240-212437-8**
Date Collected: 10/03/24 14:35 — **Matrix: Solid**
Date Received: 10/04/24 16:30 — **Percent Solids: 68.7**

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	3060A			560815	W2JF	ELLE	10/09/24 10:00
Total/NA	Analysis	7196A		1	561429	UDS7	ELLE	10/09/24 22:46

Client Sample ID: T1125-C-0.0 — **Lab Sample ID: 240-212437-9**
Date Collected: 10/03/24 14:50 — **Matrix: Solid**
Date Received: 10/04/24 16:30

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
ASTM Leach	Leach	D3987-85			559869	UNWS	ELLE	10/06/24 16:00 - 10/07/24 09:47 [1]
ASTM Leach	Analysis	OIA-1677		1	561377	UJE2	ELLE	10/09/24 15:24

Client Sample ID: T1125-C-0.0 — **Lab Sample ID: 240-212437-9**
Date Collected: 10/03/24 14:50 — **Matrix: Solid**
Date Received: 10/04/24 16:30 — **Percent Solids: 64.2**

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	3060A			560815	W2JF	ELLE	10/09/24 10:00
Total/NA	Analysis	7196A		10	561429	UDS7	ELLE	10/09/24 22:46

Lab Chronicle

Client: August Mack Environmental, Inc.
Project/Site: MSC Canfield - Soil

Job ID: 240-212437-2

Client Sample ID: DUP3-20241003
Lab Sample ID: 240-212437-10
Date Collected: 10/03/24 00:00
Matrix: Solid
Date Received: 10/04/24 16:30

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
ASTM Leach	Leach	D3987-85			559869	UNWS	ELLE	10/06/24 16:00 - 10/07/24 09:47 [1]
ASTM Leach	Analysis	OIA-1677		1	561377	UJE2	ELLE	10/09/24 15:37

Client Sample ID: DUP3-20241003
Lab Sample ID: 240-212437-10
Date Collected: 10/03/24 00:00
Matrix: Solid
Date Received: 10/04/24 16:30
Percent Solids: 78.7

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	3060A			560815	W2JF	ELLE	10/09/24 10:00
Total/NA	Analysis	7196A		10	561429	UDS7	ELLE	10/09/24 22:46

Client Sample ID: T125-E-2.0
Lab Sample ID: 240-212437-12
Date Collected: 10/03/24 15:40
Matrix: Solid
Date Received: 10/04/24 16:30

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
ASTM Leach	Leach	D3987-85			559869	UNWS	ELLE	10/06/24 16:00 - 10/07/24 09:47 [1]
ASTM Leach	Analysis	OIA-1677		1	561377	UJE2	ELLE	10/09/24 15:34

Client Sample ID: T125-E-2.0
Lab Sample ID: 240-212437-12
Date Collected: 10/03/24 15:40
Matrix: Solid
Date Received: 10/04/24 16:30
Percent Solids: 77.6

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	3060A			560815	W2JF	ELLE	10/09/24 10:00
Total/NA	Analysis	7196A		1	561429	UDS7	ELLE	10/09/24 22:46

Client Sample ID: T125-W-2.0
Lab Sample ID: 240-212437-13
Date Collected: 10/04/24 11:04
Matrix: Solid
Date Received: 10/04/24 16:30

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
ASTM Leach	Leach	D3987-85			559869	UNWS	ELLE	10/06/24 16:00 - 10/07/24 09:47 [1]
ASTM Leach	Analysis	OIA-1677		1	561377	UJE2	ELLE	10/09/24 15:32

Client Sample ID: T125-W-2.0
Lab Sample ID: 240-212437-13
Date Collected: 10/04/24 11:04
Matrix: Solid
Date Received: 10/04/24 16:30
Percent Solids: 78.4

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	3060A			560815	W2JF	ELLE	10/09/24 10:00
Total/NA	Analysis	7196A		1	561429	UDS7	ELLE	10/09/24 22:46

Lab Chronicle

Client: August Mack Environmental, Inc.
Project/Site: MSC Canfield - Soil

Job ID: 240-212437-2

Client Sample ID: T250-E-2.0
Lab Sample ID: 240-212437-14

Date Collected: 10/04/24 11:30
Matrix: Solid
Date Received: 10/04/24 16:30

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
ASTM Leach	Leach	D3987-85			559869	UNWS	ELLE	10/06/24 16:00 - 10/07/24 09:47 [1]
ASTM Leach	Analysis	OIA-1677		1	561377	UJE2	ELLE	10/09/24 15:02

Client Sample ID: T250-E-2.0
Lab Sample ID: 240-212437-14

Date Collected: 10/04/24 11:30
Matrix: Solid
Date Received: 10/04/24 16:30
Percent Solids: 76.8

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	3060A			560815	W2JF	ELLE	10/09/24 10:00
Total/NA	Analysis	7196A		1	561429	UDS7	ELLE	10/09/24 22:46

Client Sample ID: T250-W-2.0
Lab Sample ID: 240-212437-15

Date Collected: 10/04/24 12:10
Matrix: Solid
Date Received: 10/04/24 16:30

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
ASTM Leach	Leach	D3987-85			559869	UNWS	ELLE	10/06/24 16:00 - 10/07/24 09:47 [1]
ASTM Leach	Analysis	OIA-1677		1	561377	UJE2	ELLE	10/09/24 15:12

Client Sample ID: T250-W-2.0
Lab Sample ID: 240-212437-15

Date Collected: 10/04/24 12:10
Matrix: Solid
Date Received: 10/04/24 16:30
Percent Solids: 75.5

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	3060A			560815	W2JF	ELLE	10/09/24 10:00
Total/NA	Analysis	7196A		1	561429	UDS7	ELLE	10/09/24 22:46

Client Sample ID: T250-W-4.0
Lab Sample ID: 240-212437-16

Date Collected: 10/04/24 12:12
Matrix: Solid
Date Received: 10/04/24 16:30

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
ASTM Leach	Leach	D3987-85			559869	UNWS	ELLE	10/06/24 16:00 - 10/07/24 09:47 [1]
ASTM Leach	Analysis	OIA-1677		1	561377	UJE2	ELLE	10/09/24 15:09

Client Sample ID: T250-W-4.0
Lab Sample ID: 240-212437-16

Date Collected: 10/04/24 12:12
Matrix: Solid
Date Received: 10/04/24 16:30
Percent Solids: 74.9

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	3060A			560815	W2JF	ELLE	10/09/24 10:00
Total/NA	Analysis	7196A		1	561429	UDS7	ELLE	10/09/24 22:46

[1] This procedure uses a method stipulated length of time for the process. Both start and end times are displayed.

Laboratory References:

ELLE = Eurofins Lancaster Laboratories Environment Testing, LLC, 2425 New Holland Pike, Lancaster, PA 17601, TEL (717)656-2300

Accreditation/Certification Summary

Client: August Mack Environmental, Inc.
Project/Site: MSC Canfield - Soil

Job ID: 240-212437-2

Laboratory: Eurofins Lancaster Laboratories Environment Testing, LLC

All accreditations/certifications held by this laboratory are listed. Not all accreditations/certifications are applicable to this report.

Authority	Program	Identification Number	Expiration Date
A2LA	Dept. of Defense ELAP	0001.01	11-30-24
A2LA	ISO/IEC 17025	0001.01	11-30-24
Alabama	State	43200	01-31-25
Alaska	State	PA00009	06-30-25
Alaska (UST)	State	17-027	02-28-25
Arizona	State	AZ0780	03-12-25
Arkansas DEQ	State	88-00660	08-09-25
California	State	2792	11-30-24
Colorado	State	PA00009	06-30-25
Connecticut	State	PH-0746	06-30-25
DE Haz. Subst. Cleanup Act (HSCA)	State	019-006 (PA cert)	01-31-25
Delaware (DW)	State	N/A	01-31-25
Florida	NELAP	E87997	06-30-25
Georgia (DW)	State	C048	01-31-25
Hawaii	State	N/A	01-31-25
Illinois	NELAP	200027	01-31-25
Iowa	State	361	03-01-26
Kansas	NELAP	E-10151	10-31-24
Kentucky (DW)	State	KY90088	12-31-24
Kentucky (UST)	State	0001.01	11-30-24
Kentucky (WW)	State	KY90088	12-31-24
Louisiana (All)	NELAP	02055	06-30-25
Maine	State	2019012	03-12-25
Maryland	State	100	06-30-25
Massachusetts	State	M-PA009	06-30-25
Michigan	State	9930	01-31-25
Minnesota	NELAP	042-999-487	12-31-24
Mississippi	State	023	01-31-25
Missouri	State	450	01-31-25
Montana (DW)	State	0098	01-01-25
Nebraska	State	NE-OS-32-17	01-31-25
New Hampshire	NELAP	2730	01-10-25
New Jersey	NELAP	PA011	06-30-25
New York	NELAP	10670	04-01-25
North Carolina (DW)	State	42705	07-31-25
North Carolina (WW/SW)	State	521	12-31-25
North Dakota	State	R-205	01-31-24 *
Oklahoma	NELAP	9804	08-31-24 *
Oregon	NELAP	PA200001	09-11-25
Pennsylvania	NELAP	36-00037	01-31-25
Quebec Ministry of Environment and Fight against Climate Change	PALA	507	09-16-29
Rhode Island	State	LAO00338	12-30-24
South Carolina	State	89002	01-31-25
Tennessee	State	02838	01-31-25
Texas	NELAP	T104704194-23-46	08-31-25
USDA	US Federal Programs	525-22-298-19481	10-25-25
Vermont	State	VT - 36037	10-28-24
Virginia	NELAP	460182	06-14-25
Washington	State	C457	04-11-25

* Accreditation/Certification renewal pending - accreditation/certification considered valid.

Accreditation/Certification Summary

Client: August Mack Environmental, Inc. Job ID: 240-212437-2
Project/Site: MSC Canfield - Soil

Laboratory: Eurofins Lancaster Laboratories Environment Testing, LLC (Continued)

All accreditations/certifications held by this laboratory are listed. Not all accreditations/certifications are applicable to this report.

Authority	Program	Identification Number	Expiration Date
West Virginia (DW)	State	9906 C	01-31-25
West Virginia DEP	State	055	07-31-25
Wyoming	State	8TMS-L	01-31-25
Wyoming (UST)	A2LA	0001.01	11-30-24

Eurofins Cleveland
180 S. Van Buren Avenue
Barberton, OH 44203
Phone (330) 497-9396 Phone (330) 497-0772

Chain of Custody Record

Client Information	Sampler: NB & SL	Lab PM: Kalis, Nicole A	Carrier Tracking No(s):
Client Contact: Kain Lager-Lowe	Phone:	E-Mail: Nicole.Kalis@et.eurofinsus.com	State of Origin:
Company: August Mack Environmental, Inc.	PWSID:		
Address: 7830 North Central Drive, Suite B	Due Date Requested:		
City: Lewis Center	TAT Requested (days): 3 Day TAT		
State, Zip: OH, 43035	Compliance Project: Δ Yes Δ No		
Phone: 740-548-1515(Tel)	PO #:		
Email: klagerlowe@augustmack.com	WO #:		
Project Name: MSC Canfield - Soil/Surface Water	Project #: DO NOT DELETE - 24033889		
Site:	SSOW#:		

Analysis Requested

Sample Identification	Sample Date	Sample Time	Sample Type (C=comp, G=grab)	Matrix (W=water, S=solid, O=waste/oil, BT=Tissue, A=Air)	Field Filtered Sample (Yes or No)	8260D - VOCs	8270E - SVOCs	8082A - PCBs	6010D, 7471B - RCRA 8, Cu & Zn	9012B - Total Cyanide	7196A - Hexavalent Chromium	1677 - Free Cyanide
Preservation Code:						N	N	N	N	N	N	N
T875-W-0.0	10/3/24	1350	G	Solid		X	X	X	X	X	X	X
T875-E-0.0	10/3/24	1355	G	Solid								
T875-C-0.0	10/3/24	1355	G	Solid								
T1000-W-0.0	10/3/24	1414	G	Solid								
T1000-~~E~~-0.0	10/3/24	1407	G	Solid								
T1000-C-0.0	10/3/24	1424	G	Solid								
T1125-W-0.0	10/3/24	~~1425~~ 1435	G	Solid								
T1125-E-0.0	10/3/24	1435	G									
T1125-C-0.0	10/3/24	1450	G									
Dup 3-20241003	10/3/24		G	Solid								
~~FAIP Bloomfield~~ TB 3-20241003						X						

KLL 10/3/24

Possible Hazard Identification
☐ Non-Hazard ☐ Flammable ☐ Skin Irritant ☐ Poison B ☐ Unknown ☐ Radiological

Sample Disposal (A fee may be assessed if samples are r
☐ Return To Client ☐ Disposal By Lab ☐

Deliverable Requested: I, II, III, IV, Other (specify)

Special Instructions/QC Requirements:

Empty Kit Relinquished by:	Date:	Time:	Method of Shipment:
Relinquished by: Nathan Byrd	Date/Time: 10/4/24 1500	Company	Received by:	Date/Time:

Eurofins Cleveland
180 S. Van Buren Avenue
Barberton, OH 44203
Phone (330) 497-9396 Phone (330) 497-0772

Chain of Custody Record

Client Information	Sampler: NB & SL	Lab PM: Kalis, Nicole A	Carrier Tracking No(s):
Client Contact: Kain Lager-Lowe	Phone:	E-Mail: Nicole.Kalis@et.eurofinsus.com	State of Origin:
Company: August Mack Environmental, Inc.	PWSID:		
Address: 7830 North Central Drive, Suite B	Due Date Requested:		
City: Lewis Center	TAT Requested (days): 3 Day TAT		
State, Zip: OH, 43035	Compliance Project: Δ Yes Δ No		
Phone: 740-548-1515(Tel)	PO #:		
Email: klagerlowe@augustmack.com	WO #:		
Project Name: MSC Canfield - Soil/Surface Water	Project #: DO NOT DELETE - 24033889		
Site:	SSOW#:		

Analysis Requested

Sample Identification	Sample Date	Sample Time	Sample Type (C=comp, G=grab)	Matrix (W=water, S=solid, O=waste/oil, BT=Tissue, A=Air)	Field Filtered Sample (Yes or No)	8260D - VOCs	8270E - SVOCs	8082A - PCBs	6010D, 7471B - RCRA 8, Cu & Zn	9012B - Total Cyanide	7196A - Hexavalent Chromium	1677 - Free Cyanide
			Preservation Code:		X	X	N	N	N	N	N	N	N
T125-E-2.0	10/3/24	15:40	G	Solid	X		X	X	X	X	X	X	X
T125-ENF-2.0	10/3/24	11:20	G	Solid	X		X	X	X	X	X	X	X
T250-E-2.0	10/4/24	11:30	G	Solid	X		X	X	X	X	X	X	X
T250-W-2.0	10/4/24	12:10	G	Solid	X		X	X	X	X	X	X	X
T250-W-4.0	10/4/24	1212	G	Solid	X		X	X	X	X	X	X	X
TB1-20241004	10/4/24		G	Solid			X						
				Solid									
				Solid									
				Solid									
				Solid									
				Solid									

Possible Hazard Identification
☐ Non-Hazard ☐ Flammable ☐ Skin Irritant ☐ Poison B ☐ Unknown ☐ Radiological

Sample Disposal (A fee may be assessed if samples are r
☐ Return To Client ☐ Disposal By Lab ☐

Deliverable Requested: I, II, III, IV, Other (specify)

Special Instructions/QC Requirements:

Empty Kit Relinquished by:	Date:	Time:	Method of Shipment:
Relinquished by: Nathan Baird AME	Date/Time: 10/4/24 1800	Received by:	Date/Time: 10/4

IR GUN # _____ (CF_____°C) Observed Cooler Temp._____°C Corrected Cooler Temp._____

2.	Were tamper/custody seals on the outside of the cooler(s)? If Yes Quantity_____	Yes (No)
	-Were the seals on the outside of the cooler(s) signed & dated?	Yes No (NA)
	-Were tamper/custody seals on the bottle(s) or bottle kits (LLHg/MeHg)?	Yes (No)
	-Were tamper/custody seals intact and uncompromised?	Yes No (NA)
3.	Shippers' packing slip attached to the cooler(s)?	Yes (No)
4.	Did custody papers accompany the sample(s)?	(Yes) No
5.	Were the custody papers relinquished & signed in the appropriate place?	(Yes) No
6.	Was/were the person(s) who collected the samples clearly identified on the COC?	(Yes) No
7.	Did all bottles arrive in good condition (Unbroken)?	(Yes) No
8.	Could all bottle labels (ID/Date/Time) be reconciled with the COC?	(Yes) No
9.	For each sample, does the COC specify preservatives (Y/N), # of containers (Y/N), and sample type of grab/comp(Y/N)?	
10.	Were correct bottle(s) used for the test(s) indicated?	(Yes) No
11.	Sufficient quantity received to perform indicated analyses?	(Yes) No
12.	Are these work share samples and all listed on the COC?	Yes (No)
	If yes, Questions 13-17 have been checked at the originating laboratory.	
13.	Were all preserved sample(s) at the correct pH upon receipt?	Yes No (NA) pH Strip Lot# HC44
14.	Were VOAs on the COC?	Yes (No)
15.	Were air bubbles >6 mm in any VOA vials? ● ⬅ Larger than this.	Yes No (NA)
16.	Was a VOA trip blank present in the cooler(s)? Trip Blank Lot #_____	Yes (No)
17.	Was a LL Hg or Me Hg trip blank present? _____	Yes (No)

Tests that are n checked for pH Receiving:

VOAs
Oil and Grease
TOC

Contacted PM _____ Date _____ by _____ via Verbal Voice Mail Other

Concerning _____

18. CHAIN OF CUSTODY & SAMPLE DISCREPANCIES ☐ additional next page

Samples processed by:

_____

_____

_____

_____

19. SAMPLE CONDITION

Sample(s) _____ were received after the recommended holding time had expired.

Sample(s) _____ were received in a broken container.

Sample(s) _____ were received with bubble >6 mm in diameter. (Notify PM)

20. SAMPLE PRESERVATION

Sample(s) _____ were further preserved in the laboratory.

Time preserved: _____ Preservative(s) added/Lot number(s): _____

VOA Sample Preservation - Date/Time VOAs Frozen: _____

WI-NC-099-092324 Cooler Receipt Form.doc

EC	Client	Box	Other	IR GUN #: _____			Wet Ice Blue Ice Water None

Login Sample Receipt Checklist

Client: August Mack Environmental, Inc.

Job Number: 240-212437-2

Login Number: 212437
List Number: 2
Creator: Ballard, Megan

List Source: Eurofins Lancaster Laboratories Environment Testing, LLC
List Creation: 10/05/24 12:21 PM

Question	Answer	Comment
The cooler's custody seal is intact.	True	
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	True	
Cooler Temperature acceptable,where thermal pres is required(</=6C, not frozen).	True	
Cooler Temperature is recorded.	True	
WV:Container Temp acceptable,where thermal pres is required (</=6C, not frozen).	N/A	
WV: Container Temperature is recorded.	N/A	
COC is present.	False	Refer to Job Narrative for details.
COC is filled out in ink and legible.	N/A	
COC is filled out with all pertinent information.	N/A	
There are no discrepancies between the containers received and the COC.	N/A	
Sample containers have legible labels.	True	
Containers are not broken or leaking.	True	
Sample collection date/times are provided.	True	
Appropriate sample containers are used.	True	
Sample bottles are completely filled.	True	
There is sufficient vol. for all requested analyses.	True	
Is the Field Sampler's name present on COC?	False	Received project as a subcontract.
Sample custody seals are intact.	N/A	
VOA sample vials do not have headspace >6mm in diameter (none, if from WV)?	N/A	

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ANALYTICAL REPORT

PREPARED FOR

Attn: Kain Lager-Lowe
August Mack Environmental, Inc.
7830 North Central Drive, Suite B
Lewis Center, Ohio 43035

Generated 10/11/2024 2:53:20 PM

JOB DESCRIPTION

MSC Canfield - Soil

JOB NUMBER

240-212351-2

Eurofins Cleveland
180 S. Van Buren Avenue
Barberton OH 44203

See page two for job notes and contact information.

my EOL

Job Notes

This report may not be reproduced except in full, and with written approval from the laboratory. The results relate only to the samples tested. For questions please contact the Project Manager at the e-mail address or telephone number listed on this page.

The test results in this report relate only to the samples as received by the laboratory and will meet all requirements of the methodology, with any exceptions noted. This report shall not be reproduced except in full, without the express written approval of the laboratory. All questions should be directed to the Eurofins Environment Testing North Central, LLC Project Manager.

Authorization



Generated
10/11/2024 2:53:20 PM

Authorized for release by
Nicole Kalis, Project Manager I
Nicole.Kalis@et.eurofinsus.com
(330)497-9396

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Definitions/Glossary

Client: August Mack Environmental, Inc. Job ID: 240-212351-2
Project/Site: MSC Canfield - Soil

Qualifiers

General Chemistry

Qualifier	Qualifier Description
F1	MS and/or MSD recovery exceeds control limits.
J	Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.

Glossary

Abbreviation	These commonly used abbreviations may or may not be present in this report.
☼	Listed under the "D" column to designate that the result is reported on a dry weight basis
%R	Percent Recovery
CFL	Contains Free Liquid
CFU	Colony Forming Unit
CNF	Contains No Free Liquid
DER	Duplicate Error Ratio (normalized absolute difference)
Dil Fac	Dilution Factor
DL	Detection Limit (DoD/DOE)
DL, RA, RE, IN	Indicates a Dilution, Re-analysis, Re-extraction, or additional Initial metals/anion analysis of the sample
DLC	Decision Level Concentration (Radiochemistry)
EDL	Estimated Detection Limit (Dioxin)
LOD	Limit of Detection (DoD/DOE)
LOQ	Limit of Quantitation (DoD/DOE)
MCL	EPA recommended "Maximum Contaminant Level"
MDA	Minimum Detectable Activity (Radiochemistry)
MDC	Minimum Detectable Concentration (Radiochemistry)
MDL	Method Detection Limit
ML	Minimum Level (Dioxin)
MPN	Most Probable Number
MQL	Method Quantitation Limit
NC	Not Calculated
ND	Not Detected at the reporting limit (or MDL or EDL if shown)
NEG	Negative / Absent
POS	Positive / Present
PQL	Practical Quantitation Limit
PRES	Presumptive
QC	Quality Control
RER	Relative Error Ratio (Radiochemistry)
RL	Reporting Limit or Requested Limit (Radiochemistry)
RPD	Relative Percent Difference, a measure of the relative difference between two points
TEF	Toxicity Equivalent Factor (Dioxin)
TEQ	Toxicity Equivalent Quotient (Dioxin)
TNTC	Too Numerous To Count

Job ID: 240-212351-2 Eurofins Cleveland

Job Narrative
240-212351-2

Analytical test results meet all requirements of the associated regulatory program listed on the Accreditation/Certification Summary Page unless otherwise noted under the individual analysis. Data qualifiers and/or narrative comments are included to explain any exceptions, if applicable.

- Matrix QC may not be reported if insufficient sample is provided or site-specific QC samples were not submitted. In these situations, to demonstrate precision and accuracy at a batch level, a LCS/LCSD may be performed, unless otherwise specified in the method.
- Surrogate and/or isotope dilution analyte recoveries (if applicable) which are outside of the QC window are confirmed unless attributed to a dilution or otherwise noted in the narrative.

Regulated compliance samples (e.g. SDWA, NPDES) must comply with the associated agency requirements/permits.

Receipt
The samples were received on 10/3/2024 12:00 PM. Unless otherwise noted below, the samples arrived in good condition, and, where required, properly preserved and on ice. The temperature of the cooler at receipt time was 5.6°C.

General Chemistry
Method 7196A: The matrix spike soluble (MS) recovery for the batch, was outside control limits due to sample matrix. The associated laboratory control sample (LCSS/LCSI) recoveries met acceptance criteria.

Method 7196A: The following samples were diluted due to the nature of the sample matrix: TO-E-0.0 (240-212351-1), TO-W-0.0 (240-212351-4), T125-E-0.0 (240-212351-5) and T125-W-0.0 (240-212351-6). Elevated reporting limits (RLs) are provided.

No additional analytical or quality issues were noted, other than those described above or in the Definitions/ Glossary page.

Method Summary

Client: August Mack Environmental, Inc.
Job ID: 240-212351-2
Project/Site: MSC Canfield - Soil

Method	Method Description	Protocol	Laboratory
7196A	Chromium, Hexavalent	SW846	ELLE
OIA-1677	Cyanide, Free (Flow Injection)	OI CORP	ELLE
3060A	Alkaline Digestion (Chromium, Hexavalent)	SW846	ELLE
D3987-85	ASTM Leaching Procedure	ASTM	ELLE

Protocol References:

ASTM = ASTM International

OI CORP = OI Corporation Instrument Manual.

SW846 = "Test Methods For Evaluating Solid Waste, Physical/Chemical Methods", Third Edition, November 1986 And Its Updates.

Laboratory References:

ELLE = Eurofins Lancaster Laboratories Environment Testing, LLC, 2425 New Holland Pike, Lancaster, PA 17601, TEL (717)656-2300

Sample Summary

Client: August Mack Environmental, Inc.
Job ID: 240-212351-2
Project/Site: MSC Canfield - Soil

Lab Sample ID	Client Sample ID	Matrix	Collected	Received
240-212351-1	TO-E-0.0	Solid	10/02/24 14:18	10/03/24 12:00
240-212351-2	TO-E-2.0	Solid	10/02/24 15:00	10/03/24 12:00
240-212351-3	TO-C-0.0	Solid	10/02/24 15:35	10/03/24 12:00
240-212351-4	TO-W-0.0	Solid	10/02/24 15:45	10/03/24 12:00
240-212351-5	T125-E-0.0	Solid	10/02/24 16:03	10/03/24 12:00
240-212351-6	T125-W-0.0	Solid	10/02/24 16:10	10/03/24 12:00
240-212351-7	TO-W-2.0	Solid	10/02/24 16:30	10/03/24 12:00

Detection Summary

Client: August Mack Environmental, Inc.
Project/Site: MSC Canfield - Soil

Job ID: 240-212351-2

Client Sample ID: TO-E-0.0 — Lab Sample ID: 240-212351-1

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Cyanide, Free	0.0058	J	0.0060	0.0050	mg/L	1		OIA-1677	ASTM Leach

Client Sample ID: TO-E-2.0 — Lab Sample ID: 240-212351-2

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Cr (VI)	0.19	J	0.50	0.17	mg/Kg	1	☼	7196A	Total/NA

Client Sample ID: TO-C-0.0 — Lab Sample ID: 240-212351-3

No Detections.

Client Sample ID: TO-W-0.0 — Lab Sample ID: 240-212351-4

No Detections.

Client Sample ID: T125-E-0.0 — Lab Sample ID: 240-212351-5

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Cyanide, Free	0.034		0.0060	0.0050	mg/L	1		OIA-1677	ASTM Leach

Client Sample ID: T125-W-0.0 — Lab Sample ID: 240-212351-6

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Cyanide, Free	0.011		0.0060	0.0050	mg/L	1		OIA-1677	ASTM Leach

Client Sample ID: TO-W-2.0 — Lab Sample ID: 240-212351-7

No Detections.

This Detection Summary does not include radiochemical test results.

Client Sample Results

Client: August Mack Environmental, Inc.
Job ID: 240-212351-2
Project/Site: MSC Canfield - Soil

Client Sample ID: TO-E-0.0
Lab Sample ID: 240-212351-1
Date Collected: 10/02/24 14:18
Matrix: Solid
Date Received: 10/03/24 12:00

General Chemistry - ASTM Leach

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cyanide, Free (OI CORP OIA-1677)	0.0058	J	0.0060	0.0050	mg/L			10/09/24 15:44	1

Client: August Mack Environmental, Inc.
Job ID: 240-212351-2
Project/Site: MSC Canfield - Soil

Client Sample ID: TO-E-0.0
Lab Sample ID: 240-212351-1
Date Collected: 10/02/24 14:18
Matrix: Solid
Date Received: 10/03/24 12:00
Percent Solids: 69.3

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cr (VI) (SW846 7196A)	ND	F1	3.0	1.0	mg/Kg	☼	10/10/24 09:00	10/10/24 18:18	5

Client: August Mack Environmental, Inc.
Project/Site: MSC Canfield - Soil

Job ID: 240-212351-2

Client Sample ID: TO-E-2.0
Date Collected: 10/02/24 15:00
Date Received: 10/03/24 12:00

Lab Sample ID: 240-212351-2
Matrix: Solid

General Chemistry - ASTM Leach

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cyanide, Free (OI CORP OIA-1677)	ND		0.0060	0.0050	mg/L			10/09/24 15:39	1

Client: August Mack Environmental, Inc.
Project/Site: MSC Canfield - Soil

Job ID: 240-212351-2

Client Sample ID: TO-E-2.0
Date Collected: 10/02/24 15:00
Date Received: 10/03/24 12:00

Lab Sample ID: 240-212351-2
Matrix: Solid
Percent Solids: 82.6

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cr (VI) (SW846 7196A)	0.19	J	0.50	0.17	mg/Kg	☼	10/10/24 09:00	10/10/24 18:18	1

Client: August Mack Environmental, Inc.
Project/Site: MSC Canfield - Soil

Job ID: 240-212351-2

Client Sample ID: TO-C-0.0
Date Collected: 10/02/24 15:35
Date Received: 10/03/24 12:00

Lab Sample ID: 240-212351-3
Matrix: Solid

General Chemistry - ASTM Leach

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cyanide, Free (OI CORP OIA-1677)	ND		0.0060	0.0050	mg/L			10/09/24 15:42	1

Client: August Mack Environmental, Inc.
Job ID: 240-212351-2
Project/Site: MSC Canfield - Soil

Client Sample ID: TO-C-0.0
Lab Sample ID: 240-212351-3
Date Collected: 10/02/24 15:35
Matrix: Solid
Date Received: 10/03/24 12:00
Percent Solids: 73.6

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cr (VI) (SW846 7196A)	ND		0.55	0.18	mg/Kg	☼	10/10/24 09:00	10/10/24 18:18	1

Client: August Mack Environmental, Inc.
Project/Site: MSC Canfield - Soil

Job ID: 240-212351-2

Client Sample ID: TO-W-0.0
Date Collected: 10/02/24 15:45
Date Received: 10/03/24 12:00

Lab Sample ID: 240-212351-4
Matrix: Solid
Percent Solids: 77.9

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cr (VI) (SW846 7196A)	ND		2.6	0.88	mg/Kg	☼	10/10/24 09:00	10/10/24 18:18	5

General Chemistry - ASTM Leach

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cyanide, Free (OI CORP OIA-1677)	ND		0.0060	0.0050	mg/L			10/10/24 15:25	1

Client: August Mack Environmental, Inc.
Project/Site: MSC Canfield - Soil

Job ID: 240-212351-2

Client Sample ID: T125-E-0.0
Date Collected: 10/02/24 16:03
Date Received: 10/03/24 12:00

Lab Sample ID: 240-212351-5
Matrix: Solid
Percent Solids: 71.2

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cr (VI) (SW846 7196A)	ND		2.9	0.97	mg/Kg	☼	10/10/24 09:00	10/10/24 18:18	5

General Chemistry - ASTM Leach

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cyanide, Free (OI CORP OIA-1677)	0.034		0.0060	0.0050	mg/L			10/10/24 14:45	1

Client: August Mack Environmental, Inc.
Job ID: 240-212351-2
Project/Site: MSC Canfield - Soil

Client Sample ID: T125-W-0.0
Lab Sample ID: 240-212351-6
Date Collected: 10/02/24 16:10
Matrix: Solid
Date Received: 10/03/24 12:00
Percent Solids: 69.3

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cr (VI) (SW846 7196A)	ND		3.0	1.0	mg/Kg	☼	10/10/24 09:00	10/10/24 18:18	5

General Chemistry - ASTM Leach

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cyanide, Free (OI CORP OIA-1677)	0.011		0.0060	0.0050	mg/L			10/10/24 15:50	1

Client: August Mack Environmental, Inc.
Project/Site: MSC Canfield - Soil

Job ID: 240-212351-2

Client Sample ID: TO-W-2.0
Date Collected: 10/02/24 16:30
Date Received: 10/03/24 12:00

Lab Sample ID: 240-212351-7
Matrix: Solid
Percent Solids: 83.2

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cr (VI) (SW846 7196A)	ND		0.50	0.17	mg/Kg	☼	10/09/24 15:17	10/10/24 18:18	1

General Chemistry - ASTM Leach

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cyanide, Free (OI CORP OIA-1677)	ND		0.0060	0.0050	mg/L			10/10/24 14:20	1

Method: 7196A - Chromium, Hexavalent

Lab Sample ID: MB 410-561320/1-A
Matrix: Solid
Analysis Batch: 561854

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 561320

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cr (VI)	ND		0.42	0.14	mg/Kg		10/10/24 09:00	10/10/24 18:18	1

Lab Sample ID: LCS 410-561320/2-A
Matrix: Solid
Analysis Batch: 561854

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 561320

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Cr (VI)	5.00	4.94		mg/Kg		99	80 - 120

Lab Sample ID: LCSI 410-561320/3-A
Matrix: Solid
Analysis Batch: 561854

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 561320

Analyte	Spike Added	LCSI Result	LCSI Qualifier	Unit	D	%Rec	%Rec Limits
Cr (VI)	662	658		mg/Kg		99	80 - 120

Lab Sample ID: 240-212351-1 MSI
Matrix: Solid
Analysis Batch: 561854

Client Sample ID: TO-E-0.0
Prep Type: Total/NA
Prep Batch: 561320

Analyte	Sample Result	Sample Qualifier	Spike Added	MSI Result	MSI Qualifier	Unit	D	%Rec	%Rec Limits
Cr (VI)	ND	F1	928	747		mg/Kg	☼	80	75 - 125

Lab Sample ID: 240-212351-1 MSS
Matrix: Solid
Analysis Batch: 561854

Client Sample ID: TO-E-0.0
Prep Type: Total/NA
Prep Batch: 561320

Analyte	Sample Result	Sample Qualifier	Spike Added	MSS Result	MSS Qualifier	Unit	D	%Rec	%Rec Limits
Cr (VI)	ND	F1	57.7	36.5	F1	mg/Kg	☼	63	75 - 125

Lab Sample ID: 240-212351-1 DU
Matrix: Solid
Analysis Batch: 561854

Client Sample ID: TO-E-0.0
Prep Type: Total/NA
Prep Batch: 561320

Analyte	Sample Result	Sample Qualifier	DU Result	DU Qualifier	Unit	D	RPD	RPD Limit
Cr (VI)	ND	F1	ND		mg/Kg	☼	NC	20

Method: OIA-1677 - Cyanide, Free (Flow Injection)

Lab Sample ID: MB 410-561377/33
Matrix: Solid
Analysis Batch: 561377

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cyanide, Free	ND		0.0060	0.0050	mg/L			10/09/24 14:37	1

Method: OIA-1677 - Cyanide, Free (Flow Injection) (Continued)

Lab Sample ID: MB 410-561377/49
Matrix: Solid
Analysis Batch: 561377

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cyanide, Free	ND		0.0060	0.0050	mg/L			10/09/24 15:17	1

Lab Sample ID: LCS 410-561377/48
Matrix: Solid
Analysis Batch: 561377

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Cyanide, Free	0.0500	0.0465		mg/L		93	82 - 132

Lab Sample ID: MB 410-561861/17
Matrix: Solid
Analysis Batch: 561861

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cyanide, Free	ND		0.0060	0.0050	mg/L			10/10/24 14:10	1

Lab Sample ID: MB 410-561861/33
Matrix: Solid
Analysis Batch: 561861

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cyanide, Free	ND		0.0060	0.0050	mg/L			10/10/24 14:50	1

Lab Sample ID: MB 410-561861/49
Matrix: Solid
Analysis Batch: 561861

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cyanide, Free	ND		0.0060	0.0050	mg/L			10/10/24 15:30	1

Lab Sample ID: LCS 410-561861/16
Matrix: Solid
Analysis Batch: 561861

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Cyanide, Free	0.0500	0.0447		mg/L		89	82 - 132

Lab Sample ID: LCS 410-561861/32
Matrix: Solid
Analysis Batch: 561861

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Cyanide, Free	0.0500	0.0451		mg/L		90	82 - 132

Lab Sample ID: LCS 410-561861/48
Matrix: Solid
Analysis Batch: 561861

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Cyanide, Free	0.0500	0.0441		mg/L		88	82 - 132

General Chemistry

Leach Batch: 559867

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
240-212351-1	TO-E-0.0	ASTM Leach	Solid	D3987-85	
240-212351-2	TO-E-2.0	ASTM Leach	Solid	D3987-85	
240-212351-3	TO-C-0.0	ASTM Leach	Solid	D3987-85	
240-212351-4	TO-W-0.0	ASTM Leach	Solid	D3987-85	
240-212351-5	T125-E-0.0	ASTM Leach	Solid	D3987-85	
240-212351-6	T125-W-0.0	ASTM Leach	Solid	D3987-85	
240-212351-7	TO-W-2.0	ASTM Leach	Solid	D3987-85	

Prep Batch: 561320

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
240-212351-1	TO-E-0.0	Total/NA	Solid	3060A	
240-212351-2	TO-E-2.0	Total/NA	Solid	3060A	
240-212351-3	TO-C-0.0	Total/NA	Solid	3060A	
240-212351-4	TO-W-0.0	Total/NA	Solid	3060A	
240-212351-5	T125-E-0.0	Total/NA	Solid	3060A	
240-212351-6	T125-W-0.0	Total/NA	Solid	3060A	
240-212351-7	TO-W-2.0	Total/NA	Solid	3060A	
MB 410-561320/1-A	Method Blank	Total/NA	Solid	3060A	
LCS 410-561320/2-A	Lab Control Sample	Total/NA	Solid	3060A	
LCSI 410-561320/3-A	Lab Control Sample	Total/NA	Solid	3060A	
240-212351-1 MSI	TO-E-0.0	Total/NA	Solid	3060A	
240-212351-1 MSS	TO-E-0.0	Total/NA	Solid	3060A	
240-212351-1 DU	TO-E-0.0	Total/NA	Solid	3060A	

Analysis Batch: 561377

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
240-212351-1	TO-E-0.0	ASTM Leach	Solid	OIA-1677	559867
240-212351-2	TO-E-2.0	ASTM Leach	Solid	OIA-1677	559867
240-212351-3	TO-C-0.0	ASTM Leach	Solid	OIA-1677	559867
MB 410-561377/33	Method Blank	Total/NA	Solid	OIA-1677	
MB 410-561377/49	Method Blank	Total/NA	Solid	OIA-1677	
LCS 410-561377/48	Lab Control Sample	Total/NA	Solid	OIA-1677	

Analysis Batch: 561854

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
240-212351-1	TO-E-0.0	Total/NA	Solid	7196A	561320
240-212351-2	TO-E-2.0	Total/NA	Solid	7196A	561320
240-212351-3	TO-C-0.0	Total/NA	Solid	7196A	561320
240-212351-4	TO-W-0.0	Total/NA	Solid	7196A	561320
240-212351-5	T125-E-0.0	Total/NA	Solid	7196A	561320
240-212351-6	T125-W-0.0	Total/NA	Solid	7196A	561320
240-212351-7	TO-W-2.0	Total/NA	Solid	7196A	561320
MB 410-561320/1-A	Method Blank	Total/NA	Solid	7196A	561320
LCS 410-561320/2-A	Lab Control Sample	Total/NA	Solid	7196A	561320
LCSI 410-561320/3-A	Lab Control Sample	Total/NA	Solid	7196A	561320
240-212351-1 MSI	TO-E-0.0	Total/NA	Solid	7196A	561320
240-212351-1 MSS	TO-E-0.0	Total/NA	Solid	7196A	561320
240-212351-1 DU	TO-E-0.0	Total/NA	Solid	7196A	561320

QC Association Summary

Client: August Mack Environmental, Inc.
Project/Site: MSC Canfield - Soil

Job ID: 240-212351-2

General Chemistry

Analysis Batch: 561861

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
240-212351-4	TO-W-0.0	ASTM Leach	Solid	OIA-1677	559867
240-212351-5	T125-E-0.0	ASTM Leach	Solid	OIA-1677	559867
240-212351-6	T125-W-0.0	ASTM Leach	Solid	OIA-1677	559867
240-212351-7	TO-W-2.0	ASTM Leach	Solid	OIA-1677	559867
MB 410-561861/17	Method Blank	Total/NA	Solid	OIA-1677	
MB 410-561861/33	Method Blank	Total/NA	Solid	OIA-1677	
MB 410-561861/49	Method Blank	Total/NA	Solid	OIA-1677	
LCS 410-561861/16	Lab Control Sample	Total/NA	Solid	OIA-1677	
LCS 410-561861/32	Lab Control Sample	Total/NA	Solid	OIA-1677	
LCS 410-561861/48	Lab Control Sample	Total/NA	Solid	OIA-1677	

Lab Chronicle

Client: August Mack Environmental, Inc.
Project/Site: MSC Canfield - Soil

Job ID: 240-212351-2

Client Sample ID: TO-E-0.0
Lab Sample ID: 240-212351-1
Date Collected: 10/02/24 14:18
Matrix: Solid
Date Received: 10/03/24 12:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
ASTM Leach	Leach	D3987-85			559867	UNWS	ELLE	10/06/24 16:00 - 10/07/24 09:47 [1]
ASTM Leach	Analysis	OIA-1677		1	561377	UJE2	ELLE	10/09/24 15:44

Client Sample ID: TO-E-0.0
Lab Sample ID: 240-212351-1
Date Collected: 10/02/24 14:18
Matrix: Solid
Date Received: 10/03/24 12:00
Percent Solids: 69.3

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	3060A			561320	W2JF	ELLE	10/10/24 09:00
Total/NA	Analysis	7196A		5	561854	UDS7	ELLE	10/10/24 18:18

Client Sample ID: TO-E-2.0
Lab Sample ID: 240-212351-2
Date Collected: 10/02/24 15:00
Matrix: Solid
Date Received: 10/03/24 12:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
ASTM Leach	Leach	D3987-85			559867	UNWS	ELLE	10/06/24 16:00 - 10/07/24 09:47 [1]
ASTM Leach	Analysis	OIA-1677		1	561377	UJE2	ELLE	10/09/24 15:39

Client Sample ID: TO-E-2.0
Lab Sample ID: 240-212351-2
Date Collected: 10/02/24 15:00
Matrix: Solid
Date Received: 10/03/24 12:00
Percent Solids: 82.6

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	3060A			561320	W2JF	ELLE	10/10/24 09:00
Total/NA	Analysis	7196A		1	561854	UDS7	ELLE	10/10/24 18:18

Client Sample ID: TO-C-0.0
Lab Sample ID: 240-212351-3
Date Collected: 10/02/24 15:35
Matrix: Solid
Date Received: 10/03/24 12:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
ASTM Leach	Leach	D3987-85			559867	UNWS	ELLE	10/06/24 16:00 - 10/07/24 09:47 [1]
ASTM Leach	Analysis	OIA-1677		1	561377	UJE2	ELLE	10/09/24 15:42

Client Sample ID: TO-C-0.0
Lab Sample ID: 240-212351-3
Date Collected: 10/02/24 15:35
Matrix: Solid
Date Received: 10/03/24 12:00
Percent Solids: 73.6

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	3060A			561320	W2JF	ELLE	10/10/24 09:00
Total/NA	Analysis	7196A		1	561854	UDS7	ELLE	10/10/24 18:18

Lab Chronicle

Client: August Mack Environmental, Inc.
Project/Site: MSC Canfield - Soil

Job ID: 240-212351-2

Client Sample ID: TO-W-0.0 — **Lab Sample ID: 240-212351-4**
Date Collected: 10/02/24 15:45 — **Matrix: Solid**
Date Received: 10/03/24 12:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
ASTM Leach	Leach	D3987-85			559867	UNWS	ELLE	10/06/24 16:00 - 10/07/24 09:47 [1]
ASTM Leach	Analysis	OIA-1677		1	561861	UJE2	ELLE	10/10/24 15:25

Client Sample ID: TO-W-0.0 — **Lab Sample ID: 240-212351-4**
Date Collected: 10/02/24 15:45 — **Matrix: Solid**
Date Received: 10/03/24 12:00 — **Percent Solids: 77.9**

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	3060A			561320	W2JF	ELLE	10/10/24 09:00
Total/NA	Analysis	7196A		5	561854	UDS7	ELLE	10/10/24 18:18

Client Sample ID: T125-E-0.0 — **Lab Sample ID: 240-212351-5**
Date Collected: 10/02/24 16:03 — **Matrix: Solid**
Date Received: 10/03/24 12:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
ASTM Leach	Leach	D3987-85			559867	UNWS	ELLE	10/06/24 16:00 - 10/07/24 09:47 [1]
ASTM Leach	Analysis	OIA-1677		1	561861	UJE2	ELLE	10/10/24 14:45

Client Sample ID: T125-E-0.0 — **Lab Sample ID: 240-212351-5**
Date Collected: 10/02/24 16:03 — **Matrix: Solid**
Date Received: 10/03/24 12:00 — **Percent Solids: 71.2**

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	3060A			561320	W2JF	ELLE	10/10/24 09:00
Total/NA	Analysis	7196A		5	561854	UDS7	ELLE	10/10/24 18:18

Client Sample ID: T125-W-0.0 — **Lab Sample ID: 240-212351-6**
Date Collected: 10/02/24 16:10 — **Matrix: Solid**
Date Received: 10/03/24 12:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
ASTM Leach	Leach	D3987-85			559867	UNWS	ELLE	10/06/24 16:00 - 10/07/24 09:47 [1]
ASTM Leach	Analysis	OIA-1677		1	561861	UJE2	ELLE	10/10/24 15:50

Client Sample ID: T125-W-0.0 — **Lab Sample ID: 240-212351-6**
Date Collected: 10/02/24 16:10 — **Matrix: Solid**
Date Received: 10/03/24 12:00 — **Percent Solids: 69.3**

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	3060A			561320	W2JF	ELLE	10/10/24 09:00
Total/NA	Analysis	7196A		5	561854	UDS7	ELLE	10/10/24 18:18

Lab Chronicle

Client: August Mack Environmental, Inc.
Project/Site: MSC Canfield - Soil

Job ID: 240-212351-2

Client Sample ID: TO-W-2.0

Lab Sample ID: 240-212351-7

Date Collected: 10/02/24 16:30

Matrix: Solid

Date Received: 10/03/24 12:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
ASTM Leach	Leach	D3987-85			559867	UNWS	ELLE	10/06/24 16:00 - 10/07/24 09:47 [1]
ASTM Leach	Analysis	OIA-1677		1	561861	UJE2	ELLE	10/10/24 14:20

Client Sample ID: TO-W-2.0

Lab Sample ID: 240-212351-7

Date Collected: 10/02/24 16:30

Matrix: Solid

Date Received: 10/03/24 12:00

Percent Solids: 83.2

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	3060A			561320	W2JF	ELLE	10/09/24 15:17
Total/NA	Analysis	7196A		1	561854	UDS7	ELLE	10/10/24 18:18

[1] This procedure uses a method stipulated length of time for the process. Both start and end times are displayed.

Laboratory References:

ELLE = Eurofins Lancaster Laboratories Environment Testing, LLC, 2425 New Holland Pike, Lancaster, PA 17601, TEL (717)656-2300

Accreditation/Certification Summary

Client: August Mack Environmental, Inc.
Project/Site: MSC Canfield - Soil

Job ID: 240-212351-2

Laboratory: Eurofins Lancaster Laboratories Environment Testing, LLC

All accreditations/certifications held by this laboratory are listed. Not all accreditations/certifications are applicable to this report.

Authority	Program	Identification Number	Expiration Date
A2LA	Dept. of Defense ELAP	0001.01	11-30-24
A2LA	ISO/IEC 17025	0001.01	11-30-24
Alabama	State	43200	01-31-25
Alaska	State	PA00009	06-30-25
Alaska (UST)	State	17-027	02-28-25
Arizona	State	AZ0780	03-12-25
Arkansas DEQ	State	88-00660	08-09-25
California	State	2792	11-30-24
Colorado	State	PA00009	06-30-25
Connecticut	State	PH-0746	06-30-25
DE Haz. Subst. Cleanup Act (HSCA)	State	019-006 (PA cert)	01-31-25
Delaware (DW)	State	N/A	01-31-25
Florida	NELAP	E87997	06-30-25
Georgia (DW)	State	C048	01-31-25
Hawaii	State	N/A	01-31-25
Illinois	NELAP	200027	01-31-25
Iowa	State	361	03-01-26
Kansas	NELAP	E-10151	10-31-24
Kentucky (DW)	State	KY90088	12-31-24
Kentucky (UST)	State	0001.01	11-30-24
Kentucky (WW)	State	KY90088	12-31-24
Louisiana (All)	NELAP	02055	06-30-25
Maine	State	2019012	03-12-25
Maryland	State	100	06-30-25
Massachusetts	State	M-PA009	06-30-25
Michigan	State	9930	01-31-25
Minnesota	NELAP	042-999-487	12-31-24
Mississippi	State	023	01-31-25
Missouri	State	450	01-31-25
Montana (DW)	State	0098	01-01-25
Nebraska	State	NE-OS-32-17	01-31-25
New Hampshire	NELAP	2730	01-10-25
New Jersey	NELAP	PA011	06-30-25
New York	NELAP	10670	04-01-25
North Carolina (DW)	State	42705	07-31-25
North Carolina (WW/SW)	State	521	12-31-25
North Dakota	State	R-205	01-31-24 *
Oklahoma	NELAP	9804	08-31-24 *
Oregon	NELAP	PA200001	09-11-25
Pennsylvania	NELAP	36-00037	01-31-25
Quebec Ministry of Environment and Fight against Climate Change	PALA	507	09-16-29
Rhode Island	State	LAO00338	12-30-24
South Carolina	State	89002	01-31-25
Tennessee	State	02838	01-31-25
Texas	NELAP	T104704194-23-46	08-31-25
USDA	US Federal Programs	525-22-298-19481	10-25-25
Vermont	State	VT - 36037	10-28-24
Virginia	NELAP	460182	06-14-25
Washington	State	C457	04-11-25

* Accreditation/Certification renewal pending - accreditation/certification considered valid.

Accreditation/Certification Summary

Client: August Mack Environmental, Inc. Job ID: 240-212351-2
Project/Site: MSC Canfield - Soil

Laboratory: Eurofins Lancaster Laboratories Environment Testing, LLC (Continued)

All accreditations/certifications held by this laboratory are listed. Not all accreditations/certifications are applicable to this report.

Authority	Program	Identification Number	Expiration Date
West Virginia (DW)	State	9906 C	01-31-25
West Virginia DEP	State	055	07-31-25
Wyoming	State	8TMS-L	01-31-25
Wyoming (UST)	A2LA	0001.01	11-30-24

Eurofins Cleveland
180 S. Van Buren Avenue
Barberton, OH 44203
Phone (330) 497-9396 Phone (330) 497-0772

Chain of Custody Record

4915.6

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Client Information	Sampler:	Lab PM: Kalis, Nicole A	Carrier Tracking No(s):	COC No: 240-124901-43556.1
Client Contact: Kain Lager-Lowe	Phone:	E-Mail: Nicole.Kalis@et.eurofinsus.com	State of Origin:	Page: Page 1 of 12
Company: August Mack Environmental, Inc.	PWSID:			Job #:
Address: 7830 North Central Drive, Suite B	Due Date Requested:			
City: Lewis Center	TAT Requested (days): 3 Day TAT			
State, Zip: OH, 43035	Compliance Project: Δ Yes Δ No			
Phone: 740-548-1515(Tel)	PO #:			
Email: klagerlowe@augustmack.com	WO #:			
Project Name: MSC Canfield - Soil/Surface Water	Project #: DO NOT DELETE - 24033889			
Site:	SSOW#:			

Analysis Requested

Preservation Codes:
N - None
A - HCL
B - NaOH
D - HNO3

Other:

Sample Identification	Sample Date	Sample Time	Sample Type (C=comp, G=grab)	Matrix (W=water, S=solid, O=waste/oil, BT=Tissue, A=Air)	Field Filtered Sample (Yes or No)	Perform MS/MSD (Yes or No)	8260D - VOCs	8270E - SVOCs	8082A - PCBs	6010D, 7471B - RCRA 8, Cu & Zn	9012B - Total Cyanide	7196A - Hexavalent Chromium	1677 - Free Cyanide	Total Number of containers	Special Instructions/Note:
			Preservation Code:				N	N	N	N	N	N	N		
TO-E-0.0 ~~-0.5~~ KLL 10/2/24	10/2/24	14:18	G	Solid	X	X	X	X	X	X	X	X	X	6	
TO-E-2.0	10/2/24	15:00	G	Solid	X		X	X	X	X	X	X	X	6	
TO-E-4.0 KLL 10/2/24	10/2/24			Solid	X		X	X	X	X	X	X	X	6	
TO-C-0.0	10/2/24	1535	G	Solid	X		X	X	X	X	X	X	X	6	
TO-W-0.0	10/2/24	1545	G	Solid	X		X	X	X	X	X	X	X	6	
T125-E-0.0	10/2/24	16:03	G	Solid	X		X	X	X	X	X	X	X	6	
T125-W-0.0	10/2/24	16:10	G	Solid	X		X	X	X	X	X	X	X	6	
~~TOC-2.0~~ KLL 10/2/24	10/2/24	16:00	G	Solid	X		X	X	X	X	X	X	X	6	
TO-W-2.0	10/2/24	16:30	G	Solid	X		X	X	X	X	X	X	X	6	
~~TO-T125-E-0.0~~ KLL				Solid											
TB-1-20241003 10/2/24				~~Solid~~ Water			X							1	

240-212351 COC

Possible Hazard Identification
☐ Non-Hazard ☐ Flammable ☐ Skin Irritant ☐ Poison B ☐ Unknown ☐ Radiological

Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)
☐ Return To Client ☐ Disposal By Lab ☐ Archive For _____ Months

Deliverable Requested: I, II, III, IV, Other (specify)

Special Instructions/QC Requirements:

Empty Kit Relinquished by:	Date:	Time:	Method of Shipment:

Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company
	10/3/24 12:00			10-3-24 12:00	
Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company
Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company

Custody Seals Intact: Δ Yes Δ No | Custody Seal No.: | Cooler Temperature(s) °C and Other Remarks:

Eurofins – Cleveland Sample Receipt Form/Narrative **Login # :** _____
Barberton Facility

Client August Mack Site Name _____ Cooler unpacked by:
Cooler Received on 10/3/24 Opened on 10/3/24 JMOROSKO
FedEx: 1st Grd Exp UPS FAS Waypoint Client Drop Off Eurofins Courier Other _____
Receipt After-hours: Drop-off Date/Time _____ Storage Location _____
Eurofins Cooler # EC Foam Box Client Cooler Box Other _____
Packing material used: Bubble Wrap Foam Plastic Bag None Other _____
COOLANT: Wet Ice Blue Ice Dry Ice Water None

1. Cooler temperature upon receipt ☐ See Multiple Cooler Form
IR GUN # 13 (CF 0.1 °C) Observed Cooler Temp. 4.9 °C Corrected Cooler Temp. 5.0 °C

2. Were tamper/custody seals on the outside of the cooler(s)? If Yes Quantity_____	Yes	(No)
-Were the seals on the outside of the cooler(s) signed & dated?	Yes No	(NA)
-Were tamper/custody seals on the bottle(s) or bottle kits (LLHg/MeHg)?	Yes	(No)
-Were tamper/custody seals intact and uncompromised?	Yes No	(NA)
3. Shippers' packing slip attached to the cooler(s)?	Yes	(No)
4. Did custody papers accompany the sample(s)?	(Yes)	No
5. Were the custody papers relinquished & signed in the appropriate place?	(Yes)	No
6. Was/were the person(s) who collected the samples clearly identified on the COC?	Yes	(No)
7. Did all bottles arrive in good condition (Unbroken)?	(Yes)	No
8. Could all bottle labels (ID/Date/Time) be reconciled with the COC?	(Yes)	No
9. For each sample, does the COC specify preservatives (Y/N), # of containers (Y/N), and sample type of grab/comp (Y/N)?		
10. Were correct bottle(s) used for the test(s) indicated?	(Yes)	No
11. Sufficient quantity received to perform indicated analyses?	(Yes)	No
12. Are these work share samples and all listed on the COC?	Yes	(No)
If yes, Questions 13-17 have been checked at the originating laboratory.		
13. Were all preserved sample(s) at the correct pH upon receipt?	Yes No	(NA) pH Strip Lot# HC447997
14. Were VOAs on the COC?	(Yes)	No
15. Were air bubbles >6 mm in any VOA vials? ● ⬅ Larger than this.	Yes	(No) NA
16. Was a VOA trip blank present in the cooler(s)? Trip Blank Lot # 0041301I	(Yes)	No
17. Was a LL Hg or Me Hg trip blank present? _____	Yes	(No)

Tests that are not checked for pH by Receiving:
VOAs
Oil and Grease
TOC

Contacted PM _____ Date _____ by _____ via Verbal Voice Mail Other

Concerning _____

18. CHAIN OF CUSTODY & SAMPLE DISCREPANCIES ☐ additional next page | Samples processed by:

TU-W-2.0 sample
↳ received 2 empty jars

19. SAMPLE CONDITION
Sample(s) _____ were received after the recommended holding time had expired.
Sample(s) _____ were received in a broken container.
Sample(s) _____ were received with bubble >6 mm in diameter. (Notify PM)

20. SAMPLE PRESERVATION
Sample(s) _____ were further preserved in the laboratory.
Time preserved: _____ Preservative(s) added/Lot number(s): _____

VOA Sample Preservation - Date/Time VOAs Frozen: _____

10/3/2024

Login Container Summary Report

240-212351

10/11/2024

Temperature readings: _____

Client Sample ID	Lab ID	Container Type	Container pH	Container Temp	Preservation Added	Preservation Lot Number
TO-E-0.0	240-212351-A-1	SnapCap 1/2 ounce unpreserved				
TO-E-0.0	240-212351-B-1	Soil jar 2oz - clear glass				
TO-E-0.0	240-212351-C-1	Soil jar 4oz - clear glass				
TO-E-0.0	240-212351-D-1	Soil jar 4oz - clear glass				
TO-E-0.0	240-212351-E-1	Soil jar 4oz - clear glass				
TO-E-0.0	240-212351-F-1	Soil jar 4oz - clear glass				
TO-E-0.0	240-212351-G-1	Soil jar 4oz - clear glass				
TO-E-2.0	240-212351-A-2	SnapCap 1/2 ounce unpreserved				
TO-E-2.0	240-212351-B-2	Soil jar 2oz - clear glass				
TO-E-2.0	240-212351-C-2	Soil jar 4oz - clear glass				
TO-E-2.0	240-212351-D-2	Soil jar 4oz - clear glass				
TO-E-2.0	240-212351-E-2	Soil jar 4oz - clear glass				
TO-E-2.0	240-212351-F-2	Soil jar 4oz - clear glass				
TO-E-2.0	240-212351-G-2	Soil jar 4oz - clear glass				
TO-C-0.0	240-212351-A-3	SnapCap 1/2 ounce unpreserved				
TO-C-0.0	240-212351-B-3	Soil jar 2oz - clear glass				
TO-C-0.0	240-212351-C-3	Soil jar 4oz - clear glass				
TO-C-0.0	240-212351-D-3	Soil jar 4oz - clear glass				
TO-C-0.0	240-212351-E-3	Soil jar 4oz - clear glass				
TO-C-0.0	240-212351-F-3	Soil jar 4oz - clear glass				
TO-C-0.0	240-212351-G-3	Soil jar 4oz - clear glass				
TO-W-0.0	240-212351-A-4	SnapCap 1/2 ounce unpreserved				
TO-W-0.0	240-212351-B-4	Soil jar 2oz - clear glass				
TO-W-0.0	240-212351-C-4	Soil jar 4oz - clear glass				
TO-W-0.0	240-212351-D-4	Soil jar 4oz - clear glass				
TO-W-0.0	240-212351-E-4	Soil jar 4oz - clear glass				
TO-W-0.0	240-212351-F-4	Soil jar 4oz - clear glass				
TO-W-0.0	240-212351-G-4	Soil jar 4oz - clear glass				
T125-E-0.0	240-212351-A-5	SnapCap 1/2 ounce unpreserved				
T125-E-0.0	240-212351-B-5	Soil jar 2oz - clear glass				
T125-E-0.0	240-212351-C-5	Soil jar 4oz - clear glass				
T125-E-0.0	240-212351-D-5	Soil jar 4oz - clear glass				
T125-E-0.0	240-212351-E-5	Soil jar 4oz - clear glass				
T125-E-0.0	240-212351-F-5	Soil jar 4oz - clear glass				
T125-E-0.0	240-212351-G-5	Soil jar 4oz - clear glass				

Client Sample ID	Lab ID	Container Type	Container pH	Container Temp	Preservation Added	Preservation Lot Number
T125-W-0.0	240-212351-A-6	SnapCap 1/2 ounce unpreserved				
T125-W-0.0	240-212351-B-6	Soil jar 2oz - clear glass				
T125-W-0.0	240-212351-C-6	Soil jar 4oz - clear glass				
T125-W-0.0	240-212351-D-6	Soil jar 4oz - clear glass				
T125-W-0.0	240-212351-E-6	Soil jar 4oz - clear glass				
T125-W-0.0	240-212351-F-6	Soil jar 4oz - clear glass				
T125-W-0.0	240-212351-G-6	Soil jar 4oz - clear glass				
TO-W-2.0	240-212351-A-7	SnapCap 1/2 ounce unpreserved				
TO-W-2.0	240-212351-D-7	Soil jar 4oz - clear glass				
TO-W-2.0	240-212351-E-7	Soil jar 4oz - clear glass				
TO-W-2.0	240-212351-F-7	Soil jar 4oz - clear glass				
TO-W-2.0	240-212351-G-7	Soil jar 4oz - clear glass				
TB-1-20241003	240-212351-A-8	Voa Vial 40ml - Hydrochloric Acid				

Eurofins Cleveland
180 S. Van Buren Avenue
Barberton, OH 44203
Phone: 330-497-9396 Fax: 330-497-0772

Chain of Custody Record

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Client Information (Sub Contract Lab)	Sampler:	Lab PM: Kalis, Nicole A	Carrier Tracking No(s):	COC No: 240-191633.1
Client Contact: Shipping/Receiving	Phone:	E-Mail: Nicole.Kalis@et.eurofinsus.com	State of Origin: Ohio	Page: Page 1 of 1
Company: Eurofins Lancaster Laboratories Environm		Accreditations Required (See note):		Job #: 240-212351-2
Address: 2425 New Holland Pike, ,	Due Date Requested: 10/10/2024			Preservation Codes: -
City: Lancaster	TAT Requested (days):			
State, Zip: PA, 17601				
Phone: 717-656-2300(Tel)	PO #:			
Email:	WO #:			
Project Name: MSC Canfield - Soil	Project #: 24033889			
Site:	SSOW#:			Other:

Analysis Requested

Sample Identification - Client ID (Lab ID)	Sample Date	Sample Time	Sample Type (C=Comp, G=grab)	Matrix (W=water, S=solid, O=waste/oil, BT=Tissue, A=Air)	Field Filtered Sample (Yes or No)	Perform MS/MSD (Yes or No)	1677_Free/ASTM_LEACH_NP Cyanide, Free	7196A/3060A Chromium, Hexavalent	Total Number of containers	Special Instructions/Note:
			Preservation Code:							
TO-E-0.0 (240-212351-1)	10/2/24	14:18 Eastern	G	Solid			X	X	2	Use caution! Site contaminated with solvent waste
TO-E-2.0 (240-212351-2)	10/2/24	15:00 Eastern	G	Solid			X	X	2	Use caution! Site contaminated with solvent waste
TO-C-0.0 (240-212351-3)	10/2/24	15:35 Eastern	G	Solid			X	X	2	Use caution! Site contaminated with solvent waste
TO-W-0.0 (240-212351-4)	10/2/24	15:45 Eastern	G	Solid			X	X	2	Use caution! Site contaminated with solvent waste
T125-E-0.0 (240-212351-5)	10/2/24	16:03 Eastern	G	Solid			X	X	2	Use caution! Site contaminated with solvent waste
T125-W-0.0 (240-212351-6)	10/2/24	16:10 Eastern	G	Solid			X	X	2	Use caution! Site contaminated with solvent waste
TO-W-2.0 (240-212351-7)	10/2/24	16:30 Eastern	G	Solid			X	X	2	Use caution! Site contaminated with solvent waste

Note: Since laboratory accreditations are subject to change, Eurofins Environment Testing North Central, LLC places the ownership of method, analyte & accreditation compliance upon our subcontract laboratories. This sample shipment is forwarded under chain-of-custody. If the laboratory does not currently maintain accreditation in the State of Origin listed above for analysis/tests/matrix being analyzed, the samples must be shipped back to the Eurofins Environment Testing North Central, LLC laboratory or other instructions will be provided. Any changes to accreditation status should be brought to Eurofins Environment Testing North Central, LLC attention immediately. If all requested accreditations are current to date, return the signed Chain of Custody attesting to said compliance to Eurofins Environment Testing North Central, LLC.

Possible Hazard Identification	Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)
Unconfirmed	☐ Return To Client ☐ Disposal By Lab ☐ Archive For _____ Months
Deliverable Requested: I, II, III, IV, Other (specify) Primary Deliverable Rank: 2	Special Instructions/QC Requirements:

Empty Kit Relinquished by:	Date:	Time:	Method of Shipment:

Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company
MALISSA LOAR	10-4-24				
Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company
Relinquished by:	Date/Time:	Company	Received by:	Date/Time: 10/5/24 10:00	Company EUL-T

Custody Seals Intact: Δ Yes Δ No	Custody Seal No.:	Cooler Temperature(s) °C and Other Remarks: 4.6/4.3 2.7/2.4

Login Sample Receipt Checklist

Client: August Mack Environmental, Inc.

Job Number: 240-212351-2

Login Number: 212351
List Number: 2
Creator: McCaskey, Jonathan

List Source: Eurofins Lancaster Laboratories Environment Testing, LLC
List Creation: 10/05/24 02:56 PM

Question	Answer	Comment
The cooler's custody seal is intact.	N/A	
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	True	
Cooler Temperature acceptable,where thermal pres is required(</=6C, not frozen).	True	
Cooler Temperature is recorded.	True	
WV:Container Temp acceptable,where thermal pres is required (</=6C, not frozen).	N/A	
WV: Container Temperature is recorded.	N/A	
COC is present.	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information.	True	
There are no discrepancies between the containers received and the COC.	True	
Sample containers have legible labels.	True	
Containers are not broken or leaking.	True	
Sample collection date/times are provided.	True	
Appropriate sample containers are used.	True	
Sample bottles are completely filled.	True	
There is sufficient vol. for all requested analyses.	True	
Is the Field Sampler's name present on COC?	False	Received project as a subcontract.
Sample custody seals are intact.	N/A	
VOA sample vials do not have headspace >6mm in diameter (none, if from WV)?	N/A	

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ANALYTICAL REPORT

PREPARED FOR

Attn: Kain Lager-Lowe
August Mack Environmental, Inc.
7830 North Central Drive, Suite B
Lewis Center, Ohio 43035

Generated 10/11/2024 4:57:40 PM

JOB DESCRIPTION

MSC Canfield - Soil

JOB NUMBER

240-212357-2

Eurofins Cleveland
180 S. Van Buren Avenue
Barberton OH 44203

See page two for job notes and contact information.

my EOL

Job Notes

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Authorization



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Definitions/Glossary

Client: August Mack Environmental, Inc. Job ID: 240-212357-2
Project/Site: MSC Canfield - Soil

Qualifiers

General Chemistry

Qualifier	Qualifier Description
F1	MS and/or MSD recovery exceeds control limits.
F2	MS/MSD RPD exceeds control limits
J	Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.

Glossary

Abbreviation	These commonly used abbreviations may or may not be present in this report.
☼	Listed under the "D" column to designate that the result is reported on a dry weight basis
%R	Percent Recovery
CFL	Contains Free Liquid
CFU	Colony Forming Unit
CNF	Contains No Free Liquid
DER	Duplicate Error Ratio (normalized absolute difference)
Dil Fac	Dilution Factor
DL	Detection Limit (DoD/DOE)
DL, RA, RE, IN	Indicates a Dilution, Re-analysis, Re-extraction, or additional Initial metals/anion analysis of the sample
DLC	Decision Level Concentration (Radiochemistry)
EDL	Estimated Detection Limit (Dioxin)
LOD	Limit of Detection (DoD/DOE)
LOQ	Limit of Quantitation (DoD/DOE)
MCL	EPA recommended "Maximum Contaminant Level"
MDA	Minimum Detectable Activity (Radiochemistry)
MDC	Minimum Detectable Concentration (Radiochemistry)
MDL	Method Detection Limit
ML	Minimum Level (Dioxin)
MPN	Most Probable Number
MQL	Method Quantitation Limit
NC	Not Calculated
ND	Not Detected at the reporting limit (or MDL or EDL if shown)
NEG	Negative / Absent
POS	Positive / Present
PQL	Practical Quantitation Limit
PRES	Presumptive
QC	Quality Control
RER	Relative Error Ratio (Radiochemistry)
RL	Reporting Limit or Requested Limit (Radiochemistry)
RPD	Relative Percent Difference, a measure of the relative difference between two points
TEF	Toxicity Equivalent Factor (Dioxin)
TEQ	Toxicity Equivalent Quotient (Dioxin)
TNTC	Too Numerous To Count

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Job Narrative
240-212357-2

Analytical test results meet all requirements of the associated regulatory program listed on the Accreditation/Certification Summary Page unless otherwise noted under the individual analysis. Data qualifiers and/or narrative comments are included to explain any exceptions, if applicable.

- Matrix QC may not be reported if insufficient sample is provided or site-specific QC samples were not submitted. In these situations, to demonstrate precision and accuracy at a batch level, a LCS/LCSD may be performed, unless otherwise specified in the method.
- Surrogate and/or isotope dilution analyte recoveries (if applicable) which are outside of the QC window are confirmed unless attributed to a dilution or otherwise noted in the narrative.

Regulated compliance samples (e.g. SDWA, NPDES) must comply with the associated agency requirements/permits.

Receipt
The samples were received on 10/3/2024 12:00 PM. Unless otherwise noted below, the samples arrived in good condition, and, where required, properly preserved and on ice. The temperature of the cooler at receipt time was 5.8°C.

General Chemistry
Method 7196A: The following samples were diluted due to the nature of the sample matrix: T125-C-0.0 (240-212357-1), T250-E-0.0 (240-212357-2), T250-W-0.0 (240-212357-3), T250-C-0.0 (240-212357-4), T375-E-0.0 (240-212357-5), T375-W-0.0 (240-212357-6), T500-E-0.0 (240-212357-7), T500-W-0.0 (240-212357-8), DUP-1-20241003 (240-212357-9), T625-W-0.0 (240-212357-10), T625-C-0.0 (240-212357-11), T750-E-0.0 (240-212357-12), T750-W-0.0 (240-212357-13), T625-E-0.0 (240-212357-14), DUP-2-20241003 (240-212357-15) and (240-212357-G-14-C DU). Elevated reporting limits (RLs) are provided.

Method 7196A: The matrix spike soluble (MSS) recovery for preparation batch 410-560807 and analytical batch 410-561397, were outside control limits due to sample matrix. The associated laboratory control sample (LCSS/LCSI) recoveries met acceptance criteria.

No additional analytical or quality issues were noted, other than those described above or in the Definitions/ Glossary page.

Method Summary

Client: August Mack Environmental, Inc.
Project/Site: MSC Canfield - Soil

Job ID: 240-212357-2

Method	Method Description	Protocol	Laboratory
7196A	Chromium, Hexavalent	SW846	ELLE
OIA-1677	Cyanide, Free (Flow Injection)	OI CORP	ELLE
3060A	Alkaline Digestion (Chromium, Hexavalent)	SW846	ELLE
D3987-85	ASTM Leaching Procedure	ASTM	ELLE

Protocol References:

ASTM = ASTM International

OI CORP = OI Corporation Instrument Manual.

SW846 = "Test Methods For Evaluating Solid Waste, Physical/Chemical Methods", Third Edition, November 1986 And Its Updates.

Laboratory References:

ELLE = Eurofins Lancaster Laboratories Environment Testing, LLC, 2425 New Holland Pike, Lancaster, PA 17601, TEL (717)656-2300

Sample Summary

Client: August Mack Environmental, Inc.
Project/Site: MSC Canfield - Soil

Job ID: 240-212357-2

Lab Sample ID	Client Sample ID	Matrix	Collected	Received
240-212357-1	T125-C-0.0	Solid	10/03/24 09:30	10/03/24 12:00
240-212357-2	T250-E-0.0	Solid	10/03/24 09:45	10/03/24 12:00
240-212357-3	T250-W-0.0	Solid	10/03/24 09:40	10/03/24 12:00
240-212357-4	T250-C-0.0	Solid	10/03/24 10:00	10/03/24 12:00
240-212357-5	T375-E-0.0	Solid	10/03/24 10:20	10/03/24 12:00
240-212357-6	T375-W-0.0	Solid	10/03/24 10:25	10/03/24 12:00
240-212357-7	T500-E-0.0	Solid	10/03/24 10:30	10/03/24 12:00
240-212357-8	T500-W-0.0	Solid	10/03/24 10:35	10/03/24 12:00
240-212357-9	DUP-1-20241003	Solid	10/03/24 00:00	10/03/24 12:00
240-212357-10	T625-W-0.0	Solid	10/03/24 10:45	10/03/24 12:00
240-212357-11	T625-C-0.0	Solid	10/03/24 10:50	10/03/24 12:00
240-212357-12	T750-E-0.0	Solid	10/03/24 11:05	10/03/24 12:00
240-212357-13	T750-W-0.0	Solid	10/03/24 11:10	10/03/24 12:00
240-212357-14	T625-E-0.0	Solid	10/03/24 10:40	10/03/24 12:00
240-212357-15	DUP-2-20241003	Solid	10/03/24 00:00	10/03/24 12:00

Detection Summary

Client: August Mack Environmental, Inc.
Project/Site: MSC Canfield - Soil

Job ID: 240-212357-2

Client Sample ID: T125-C-0.0 — Lab Sample ID: 240-212357-1

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Cyanide, Free	0.029		0.0060	0.0050	mg/L	1		OIA-1677	ASTM Leach

Client Sample ID: T250-E-0.0 — Lab Sample ID: 240-212357-2

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Cyanide, Free	0.0080		0.0060	0.0050	mg/L	1		OIA-1677	ASTM Leach

Client Sample ID: T250-W-0.0 — Lab Sample ID: 240-212357-3

No Detections.

Client Sample ID: T250-C-0.0 — Lab Sample ID: 240-212357-4

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Cyanide, Free	0.029		0.0060	0.0050	mg/L	1		OIA-1677	ASTM Leach

Client Sample ID: T375-E-0.0 — Lab Sample ID: 240-212357-5

No Detections.

Client Sample ID: T375-W-0.0 — Lab Sample ID: 240-212357-6

No Detections.

Client Sample ID: T500-E-0.0 — Lab Sample ID: 240-212357-7

No Detections.

Client Sample ID: T500-W-0.0 — Lab Sample ID: 240-212357-8

No Detections.

Client Sample ID: DUP-1-20241003 — Lab Sample ID: 240-212357-9

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Cyanide, Free	0.027		0.0060	0.0050	mg/L	1		OIA-1677	ASTM Leach

Client Sample ID: T625-W-0.0 — Lab Sample ID: 240-212357-10

No Detections.

Client Sample ID: T625-C-0.0 — Lab Sample ID: 240-212357-11

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Cyanide, Free	0.013		0.0060	0.0050	mg/L	1		OIA-1677	ASTM Leach

Client Sample ID: T750-E-0.0 — Lab Sample ID: 240-212357-12

No Detections.

Client Sample ID: T750-W-0.0 — Lab Sample ID: 240-212357-13

No Detections.

Client Sample ID: T625-E-0.0 — Lab Sample ID: 240-212357-14

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Cr (VI)	2.4	J F1	6.1	2.0	mg/Kg	10	☼	7196A	Total/NA

This Detection Summary does not include radiochemical test results.

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Detection Summary

Client: August Mack Environmental, Inc.
Project/Site: MSC Canfield - Soil

Job ID: 240-212357-2

Client Sample ID: DUP-2-20241003

Lab Sample ID: 240-212357-15

No Detections.

This Detection Summary does not include radiochemical test results.

Client Sample Results

Client: August Mack Environmental, Inc.
Project/Site: MSC Canfield - Soil

Job ID: 240-212357-2

Client Sample ID: T125-C-0.0
Date Collected: 10/03/24 09:30
Date Received: 10/03/24 12:00

Lab Sample ID: 240-212357-1
Matrix: Solid
Percent Solids: 64.7

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cr (VI) (SW846 7196A)	ND		6.3	2.1	mg/Kg	☼	10/08/24 15:15	10/09/24 19:11	10

General Chemistry - ASTM Leach

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cyanide, Free (OI CORP OIA-1677)	**0.029**		0.0060	0.0050	mg/L			10/10/24 14:38	1

Client Sample Results

Client: August Mack Environmental, Inc.
Project/Site: MSC Canfield - Soil

Job ID: 240-212357-2

Client Sample ID: T250-E-0.0
Date Collected: 10/03/24 09:45
Date Received: 10/03/24 12:00

Lab Sample ID: 240-212357-2
Matrix: Solid
Percent Solids: 72.5

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cr (VI) (SW846 7196A)	ND		5.8	1.9	mg/Kg	☼	10/08/24 15:15	10/09/24 19:11	10

General Chemistry - ASTM Leach

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cyanide, Free (OI CORP OIA-1677)	**0.0080**		0.0060	0.0050	mg/L			10/10/24 15:15	1

Client: August Mack Environmental, Inc.
Project/Site: MSC Canfield - Soil

Job ID: 240-212357-2

Client Sample ID: T250-W-0.0
Date Collected: 10/03/24 09:40
Date Received: 10/03/24 12:00

Lab Sample ID: 240-212357-3
Matrix: Solid
Percent Solids: 58.1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cr (VI) (SW846 7196A)	ND		7.3	2.4	mg/Kg	☼	10/08/24 15:15	10/09/24 19:11	10

General Chemistry - ASTM Leach

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cyanide, Free (OI CORP OIA-1677)	ND		0.0060	0.0050	mg/L			10/10/24 14:28	1

Client: August Mack Environmental, Inc.
Project/Site: MSC Canfield - Soil

Job ID: 240-212357-2

Client Sample ID: T250-C-0.0
Date Collected: 10/03/24 10:00
Date Received: 10/03/24 12:00

Lab Sample ID: 240-212357-4
Matrix: Solid
Percent Solids: 61.4

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cr (VI) (SW846 7196A)	ND		6.7	2.2	mg/Kg	☼	10/08/24 15:15	10/09/24 19:11	10

General Chemistry - ASTM Leach

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cyanide, Free (OI CORP OIA-1677)	**0.029**		0.0060	0.0050	mg/L			10/10/24 14:30	1

Client Sample Results

Client: August Mack Environmental, Inc.
Project/Site: MSC Canfield - Soil

Job ID: 240-212357-2

Client Sample ID: T375-E-0.0
Date Collected: 10/03/24 10:20
Date Received: 10/03/24 12:00

Lab Sample ID: 240-212357-5
Matrix: Solid
Percent Solids: 57.9

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cr (VI) (SW846 7196A)	ND		3.8	1.3	mg/Kg	☼	10/08/24 15:15	10/09/24 19:11	5

General Chemistry - ASTM Leach

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cyanide, Free (OI CORP OIA-1677)	ND		0.0060	0.0050	mg/L			10/10/24 15:23	1

Client: August Mack Environmental, Inc.
Project/Site: MSC Canfield - Soil

Job ID: 240-212357-2

Client Sample ID: T375-W-0.0
Date Collected: 10/03/24 10:25
Date Received: 10/03/24 12:00

Lab Sample ID: 240-212357-6
Matrix: Solid
Percent Solids: 59.8

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cr (VI) (SW846 7196A)	ND		7.3	2.4	mg/Kg	☼	10/08/24 15:15	10/09/24 19:11	10

General Chemistry - ASTM Leach

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cyanide, Free (OI CORP OIA-1677)	ND	F2	0.0060	0.0050	mg/L			10/10/24 14:53	1

Client Sample Results

Client: August Mack Environmental, Inc.
Project/Site: MSC Canfield - Soil

Job ID: 240-212357-2

Client Sample ID: T500-E-0.0
Date Collected: 10/03/24 10:30
Date Received: 10/03/24 12:00

Lab Sample ID: 240-212357-7
Matrix: Solid
Percent Solids: 67.0

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cr (VI) (SW846 7196A)	ND		6.5	2.2	mg/Kg	☼	10/08/24 15:15	10/09/24 19:11	10

General Chemistry - ASTM Leach

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cyanide, Free (OI CORP OIA-1677)	ND		0.0060	0.0050	mg/L			10/10/24 14:43	1

Client: August Mack Environmental, Inc.
Project/Site: MSC Canfield - Soil

Job ID: 240-212357-2

Client Sample ID: T500-W-0.0
Date Collected: 10/03/24 10:35
Date Received: 10/03/24 12:00

Lab Sample ID: 240-212357-8
Matrix: Solid
Percent Solids: 66.5

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cr (VI) (SW846 7196A)	ND		6.7	2.2	mg/Kg	☼	10/08/24 15:15	10/09/24 19:11	10

General Chemistry - ASTM Leach

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cyanide, Free (OI CORP OIA-1677)	ND		0.0060	0.0050	mg/L			10/10/24 14:23	1

Client Sample Results

Client: August Mack Environmental, Inc.
Project/Site: MSC Canfield - Soil

Job ID: 240-212357-2

Client Sample ID: DUP-1-20241003
Date Collected: 10/03/24 00:00
Date Received: 10/03/24 12:00

Lab Sample ID: 240-212357-9
Matrix: Solid
Percent Solids: 76.8

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cr (VI) (SW846 7196A)	ND		5.3	1.8	mg/Kg	☼	10/08/24 15:15	10/09/24 19:11	10

General Chemistry - ASTM Leach

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cyanide, Free (OI CORP OIA-1677)	**0.027**		0.0060	0.0050	mg/L			10/10/24 14:25	1

Client Sample Results

Client: August Mack Environmental, Inc.
Project/Site: MSC Canfield - Soil

Job ID: 240-212357-2

Client Sample ID: T625-W-0.0
Date Collected: 10/03/24 10:45
Date Received: 10/03/24 12:00

Lab Sample ID: 240-212357-10
Matrix: Solid
Percent Solids: 65.7

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cr (VI) (SW846 7196A)	ND		6.3	2.1	mg/Kg	☼	10/08/24 15:15	10/09/24 19:11	10

General Chemistry - ASTM Leach

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cyanide, Free (OI CORP OIA-1677)	ND		0.0060	0.0050	mg/L			10/10/24 15:10	1

Client Sample ID: T625-C-0.0
Lab Sample ID: 240-212357-11
Date Collected: 10/03/24 10:50
Matrix: Solid
Date Received: 10/03/24 12:00
Percent Solids: 69.1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cr (VI) (SW846 7196A)	ND		5.8	1.9	mg/Kg	☼	10/08/24 15:15	10/09/24 19:11	10

General Chemistry - ASTM Leach

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cyanide, Free (OI CORP OIA-1677)	**0.013**		0.0060	0.0050	mg/L			10/10/24 15:20	1

Client: August Mack Environmental, Inc.
Project/Site: MSC Canfield - Soil

Job ID: 240-212357-2

Client Sample ID: T750-E-0.0
Date Collected: 10/03/24 11:05
Date Received: 10/03/24 12:00

Lab Sample ID: 240-212357-12
Matrix: Solid
Percent Solids: 60.7

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cr (VI) (SW846 7196A)	ND		6.9	2.3	mg/Kg	☼	10/08/24 15:15	10/09/24 19:11	10

General Chemistry - ASTM Leach

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cyanide, Free (OI CORP OIA-1677)	ND		0.0060	0.0050	mg/L			10/10/24 15:00	1

Client: August Mack Environmental, Inc.
Project/Site: MSC Canfield - Soil

Job ID: 240-212357-2

Client Sample ID: T750-W-0.0
Date Collected: 10/03/24 11:10
Date Received: 10/03/24 12:00

Lab Sample ID: 240-212357-13
Matrix: Solid
Percent Solids: 68.3

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cr (VI) (SW846 7196A)	ND		6.3	2.1	mg/Kg	☼	10/08/24 15:15	10/09/24 19:11	10

General Chemistry - ASTM Leach

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cyanide, Free (OI CORP OIA-1677)	ND		0.0060	0.0050	mg/L			10/10/24 15:08	1

Client Sample ID: T625-E-0.0
Date Collected: 10/03/24 10:40
Date Received: 10/03/24 12:00

Lab Sample ID: 240-212357-14
Matrix: Solid
Percent Solids: 71.4

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cr (VI) (SW846 7196A)	**2.4**	**J F1**	6.1	2.0	mg/Kg	☼	10/08/24 15:15	10/09/24 19:11	10

General Chemistry - ASTM Leach

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cyanide, Free (OI CORP OIA-1677)	ND	F1 F2	0.0060	0.0050	mg/L			10/10/24 15:38	1

Client: August Mack Environmental, Inc.
Project/Site: MSC Canfield - Soil

Job ID: 240-212357-2

Client Sample ID: DUP-2-20241003
Date Collected: 10/03/24 00:00
Date Received: 10/03/24 12:00

Lab Sample ID: 240-212357-15
Matrix: Solid
Percent Solids: 70.2

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cr (VI) (SW846 7196A)	ND		6.2	2.1	mg/Kg	☼	10/08/24 15:15	10/09/24 19:11	10

General Chemistry - ASTM Leach

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cyanide, Free (OI CORP OIA-1677)	ND		0.0060	0.0050	mg/L			10/10/24 15:13	1

Method: 7196A - Chromium, Hexavalent

Lab Sample ID: MB 410-560807/1-A
Matrix: Solid
Analysis Batch: 561397

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 560807

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cr (VI)	ND		0.42	0.14	mg/Kg		10/08/24 15:15	10/09/24 19:11	1

Lab Sample ID: LCS 410-560807/2-A
Matrix: Solid
Analysis Batch: 561397

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 560807

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Cr (VI)	5.00	4.94		mg/Kg		99	80 - 120

Lab Sample ID: LCSI 410-560807/3-A
Matrix: Solid
Analysis Batch: 561397

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 560807

Analyte	Spike Added	LCSI Result	LCSI Qualifier	Unit	D	%Rec	%Rec Limits
Cr (VI)	720	661		mg/Kg		92	80 - 120

Lab Sample ID: 240-212357-14 MSI
Matrix: Solid
Analysis Batch: 561397

Client Sample ID: T625-E-0.0
Prep Type: Total/NA
Prep Batch: 560807

Analyte	Sample Result	Sample Qualifier	Spike Added	MSI Result	MSI Qualifier	Unit	D	%Rec	%Rec Limits
Cr (VI)	2.4	J F1	1300	1110		mg/Kg	☼	86	75 - 125

Lab Sample ID: 240-212357-14 MSS
Matrix: Solid
Analysis Batch: 561397

Client Sample ID: T625-E-0.0
Prep Type: Total/NA
Prep Batch: 560807

Analyte	Sample Result	Sample Qualifier	Spike Added	MSS Result	MSS Qualifier	Unit	D	%Rec	%Rec Limits
Cr (VI)	2.4	J F1	55.3	9.33	F1	mg/Kg	☼	13	75 - 125

Lab Sample ID: 240-212357-14 DU
Matrix: Solid
Analysis Batch: 561397

Client Sample ID: T625-E-0.0
Prep Type: Total/NA
Prep Batch: 560807

Analyte	Sample Result	Sample Qualifier	DU Result	DU Qualifier	Unit	D	RPD	RPD Limit
Cr (VI)	2.4	J F1	ND		mg/Kg	☼	NC	20

Method: OIA-1677 - Cyanide, Free (Flow Injection)

Lab Sample ID: MB 410-561861/17
Matrix: Solid
Analysis Batch: 561861

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cyanide, Free	ND		0.0060	0.0050	mg/L			10/10/24 14:10	1

Method: OIA-1677 - Cyanide, Free (Flow Injection) (Continued)

Lab Sample ID: MB 410-561861/33
Matrix: Solid
Analysis Batch: 561861

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cyanide, Free	ND		0.0060	0.0050	mg/L			10/10/24 14:50	1

Lab Sample ID: MB 410-561861/49
Matrix: Solid
Analysis Batch: 561861

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cyanide, Free	ND		0.0060	0.0050	mg/L			10/10/24 15:30	1

Lab Sample ID: LCS 410-561861/16
Matrix: Solid
Analysis Batch: 561861

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Cyanide, Free	0.0500	0.0447		mg/L		89	82 - 132

Lab Sample ID: LCS 410-561861/32
Matrix: Solid
Analysis Batch: 561861

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Cyanide, Free	0.0500	0.0451		mg/L		90	82 - 132

Lab Sample ID: LCS 410-561861/48
Matrix: Solid
Analysis Batch: 561861

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Cyanide, Free	0.0500	0.0441		mg/L		88	82 - 132

Lab Sample ID: 240-212357-6 MS
Matrix: Solid
Analysis Batch: 561861

Client Sample ID: T375-W-0.0
Prep Type: ASTM Leach

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Cyanide, Free	ND	F2	0.0100	0.00862		mg/L		86	82 - 130

Lab Sample ID: 240-212357-6 MSD
Matrix: Solid
Analysis Batch: 561861

Client Sample ID: T375-W-0.0
Prep Type: ASTM Leach

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Cyanide, Free	ND	F2	0.0100	0.0104	F2	mg/L		104	82 - 130	19	11

Lab Sample ID: 240-212357-14 MS
Matrix: Solid
Analysis Batch: 561861

Client Sample ID: T625-E-0.0
Prep Type: ASTM Leach

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Cyanide, Free	ND	F1 F2	0.0100	0.0105		mg/L		105	82 - 130

Client: August Mack Environmental, Inc.
Project/Site: MSC Canfield - Soil

Job ID: 240-212357-2

Method: OIA-1677 - Cyanide, Free (Flow Injection)

Lab Sample ID: 240-212357-14 MSD
Matrix: Solid
Analysis Batch: 561861

Client Sample ID: T625-E-0.0
Prep Type: ASTM Leach

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Cyanide, Free	ND	F1 F2	0.0100	0.0131	F1 F2	mg/L		131	82 - 130	22	11

General Chemistry

Leach Batch: 559868

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
240-212357-1	T125-C-0.0	ASTM Leach	Solid	D3987-85	
240-212357-2	T250-E-0.0	ASTM Leach	Solid	D3987-85	
240-212357-3	T250-W-0.0	ASTM Leach	Solid	D3987-85	
240-212357-4	T250-C-0.0	ASTM Leach	Solid	D3987-85	
240-212357-5	T375-E-0.0	ASTM Leach	Solid	D3987-85	
240-212357-6	T375-W-0.0	ASTM Leach	Solid	D3987-85	
240-212357-7	T500-E-0.0	ASTM Leach	Solid	D3987-85	
240-212357-8	T500-W-0.0	ASTM Leach	Solid	D3987-85	
240-212357-9	DUP-1-20241003	ASTM Leach	Solid	D3987-85	
240-212357-10	T625-W-0.0	ASTM Leach	Solid	D3987-85	
240-212357-11	T625-C-0.0	ASTM Leach	Solid	D3987-85	
240-212357-12	T750-E-0.0	ASTM Leach	Solid	D3987-85	
240-212357-13	T750-W-0.0	ASTM Leach	Solid	D3987-85	
240-212357-14	T625-E-0.0	ASTM Leach	Solid	D3987-85	
240-212357-15	DUP-2-20241003	ASTM Leach	Solid	D3987-85	
240-212357-6 MS	T375-W-0.0	ASTM Leach	Solid	D3987-85	
240-212357-6 MSD	T375-W-0.0	ASTM Leach	Solid	D3987-85	
240-212357-14 MS	T625-E-0.0	ASTM Leach	Solid	D3987-85	
240-212357-14 MSD	T625-E-0.0	ASTM Leach	Solid	D3987-85	

Prep Batch: 560807

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
240-212357-1	T125-C-0.0	Total/NA	Solid	3060A	
240-212357-2	T250-E-0.0	Total/NA	Solid	3060A	
240-212357-3	T250-W-0.0	Total/NA	Solid	3060A	
240-212357-4	T250-C-0.0	Total/NA	Solid	3060A	
240-212357-5	T375-E-0.0	Total/NA	Solid	3060A	
240-212357-6	T375-W-0.0	Total/NA	Solid	3060A	
240-212357-7	T500-E-0.0	Total/NA	Solid	3060A	
240-212357-8	T500-W-0.0	Total/NA	Solid	3060A	
240-212357-9	DUP-1-20241003	Total/NA	Solid	3060A	
240-212357-10	T625-W-0.0	Total/NA	Solid	3060A	
240-212357-11	T625-C-0.0	Total/NA	Solid	3060A	
240-212357-12	T750-E-0.0	Total/NA	Solid	3060A	
240-212357-13	T750-W-0.0	Total/NA	Solid	3060A	
240-212357-14	T625-E-0.0	Total/NA	Solid	3060A	
240-212357-15	DUP-2-20241003	Total/NA	Solid	3060A	
MB 410-560807/1-A	Method Blank	Total/NA	Solid	3060A	
LCS 410-560807/2-A	Lab Control Sample	Total/NA	Solid	3060A	
LCSI 410-560807/3-A	Lab Control Sample	Total/NA	Solid	3060A	
240-212357-14 MSI	T625-E-0.0	Total/NA	Solid	3060A	
240-212357-14 MSS	T625-E-0.0	Total/NA	Solid	3060A	
240-212357-14 DU	T625-E-0.0	Total/NA	Solid	3060A	

Analysis Batch: 561397

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
240-212357-1	T125-C-0.0	Total/NA	Solid	7196A	560807
240-212357-2	T250-E-0.0	Total/NA	Solid	7196A	560807
240-212357-3	T250-W-0.0	Total/NA	Solid	7196A	560807
240-212357-4	T250-C-0.0	Total/NA	Solid	7196A	560807
240-212357-5	T375-E-0.0	Total/NA	Solid	7196A	560807

General Chemistry (Continued)

Analysis Batch: 561397 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
240-212357-6	T375-W-0.0	Total/NA	Solid	7196A	560807
240-212357-7	T500-E-0.0	Total/NA	Solid	7196A	560807
240-212357-8	T500-W-0.0	Total/NA	Solid	7196A	560807
240-212357-9	DUP-1-20241003	Total/NA	Solid	7196A	560807
240-212357-10	T625-W-0.0	Total/NA	Solid	7196A	560807
240-212357-11	T625-C-0.0	Total/NA	Solid	7196A	560807
240-212357-12	T750-E-0.0	Total/NA	Solid	7196A	560807
240-212357-13	T750-W-0.0	Total/NA	Solid	7196A	560807
240-212357-14	T625-E-0.0	Total/NA	Solid	7196A	560807
240-212357-15	DUP-2-20241003	Total/NA	Solid	7196A	560807
MB 410-560807/1-A	Method Blank	Total/NA	Solid	7196A	560807
LCS 410-560807/2-A	Lab Control Sample	Total/NA	Solid	7196A	560807
LCSI 410-560807/3-A	Lab Control Sample	Total/NA	Solid	7196A	560807
240-212357-14 MSI	T625-E-0.0	Total/NA	Solid	7196A	560807
240-212357-14 MSS	T625-E-0.0	Total/NA	Solid	7196A	560807
240-212357-14 DU	T625-E-0.0	Total/NA	Solid	7196A	560807

Analysis Batch: 561861

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
240-212357-1	T125-C-0.0	ASTM Leach	Solid	OIA-1677	559868
240-212357-2	T250-E-0.0	ASTM Leach	Solid	OIA-1677	559868
240-212357-3	T250-W-0.0	ASTM Leach	Solid	OIA-1677	559868
240-212357-4	T250-C-0.0	ASTM Leach	Solid	OIA-1677	559868
240-212357-5	T375-E-0.0	ASTM Leach	Solid	OIA-1677	559868
240-212357-6	T375-W-0.0	ASTM Leach	Solid	OIA-1677	559868
240-212357-7	T500-E-0.0	ASTM Leach	Solid	OIA-1677	559868
240-212357-8	T500-W-0.0	ASTM Leach	Solid	OIA-1677	559868
240-212357-9	DUP-1-20241003	ASTM Leach	Solid	OIA-1677	559868
240-212357-10	T625-W-0.0	ASTM Leach	Solid	OIA-1677	559868
240-212357-11	T625-C-0.0	ASTM Leach	Solid	OIA-1677	559868
240-212357-12	T750-E-0.0	ASTM Leach	Solid	OIA-1677	559868
240-212357-13	T750-W-0.0	ASTM Leach	Solid	OIA-1677	559868
240-212357-14	T625-E-0.0	ASTM Leach	Solid	OIA-1677	559868
240-212357-15	DUP-2-20241003	ASTM Leach	Solid	OIA-1677	559868
MB 410-561861/17	Method Blank	Total/NA	Solid	OIA-1677	
MB 410-561861/33	Method Blank	Total/NA	Solid	OIA-1677	
MB 410-561861/49	Method Blank	Total/NA	Solid	OIA-1677	
LCS 410-561861/16	Lab Control Sample	Total/NA	Solid	OIA-1677	
LCS 410-561861/32	Lab Control Sample	Total/NA	Solid	OIA-1677	
LCS 410-561861/48	Lab Control Sample	Total/NA	Solid	OIA-1677	
240-212357-6 MS	T375-W-0.0	ASTM Leach	Solid	OIA-1677	559868
240-212357-6 MSD	T375-W-0.0	ASTM Leach	Solid	OIA-1677	559868
240-212357-14 MS	T625-E-0.0	ASTM Leach	Solid	OIA-1677	559868
240-212357-14 MSD	T625-E-0.0	ASTM Leach	Solid	OIA-1677	559868

Lab Chronicle

Client: August Mack Environmental, Inc.
Project/Site: MSC Canfield - Soil

Job ID: 240-212357-2

Client Sample ID: T125-C-0.0
Date Collected: 10/03/24 09:30
Date Received: 10/03/24 12:00

Lab Sample ID: 240-212357-1
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
ASTM Leach	Leach	D3987-85			559868	UNWS	ELLE	10/07/24 14:52 - 10/08/24 08:40 [1]
ASTM Leach	Analysis	OIA-1677		1	561861	UJE2	ELLE	10/10/24 14:38

Client Sample ID: T125-C-0.0
Date Collected: 10/03/24 09:30
Date Received: 10/03/24 12:00

Lab Sample ID: 240-212357-1
Matrix: Solid
Percent Solids: 64.7

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	3060A			560807	UDS7	ELLE	10/08/24 15:15
Total/NA	Analysis	7196A		10	561397	UDS7	ELLE	10/09/24 19:11

Client Sample ID: T250-E-0.0
Date Collected: 10/03/24 09:45
Date Received: 10/03/24 12:00

Lab Sample ID: 240-212357-2
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
ASTM Leach	Leach	D3987-85			559868	UNWS	ELLE	10/07/24 14:52 - 10/08/24 08:40 [1]
ASTM Leach	Analysis	OIA-1677		1	561861	UJE2	ELLE	10/10/24 15:15

Client Sample ID: T250-E-0.0
Date Collected: 10/03/24 09:45
Date Received: 10/03/24 12:00

Lab Sample ID: 240-212357-2
Matrix: Solid
Percent Solids: 72.5

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	3060A			560807	UDS7	ELLE	10/08/24 15:15
Total/NA	Analysis	7196A		10	561397	UDS7	ELLE	10/09/24 19:11

Client Sample ID: T250-W-0.0
Date Collected: 10/03/24 09:40
Date Received: 10/03/24 12:00

Lab Sample ID: 240-212357-3
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
ASTM Leach	Leach	D3987-85			559868	UNWS	ELLE	10/07/24 14:52 - 10/08/24 08:40 [1]
ASTM Leach	Analysis	OIA-1677		1	561861	UJE2	ELLE	10/10/24 14:28

Client Sample ID: T250-W-0.0
Date Collected: 10/03/24 09:40
Date Received: 10/03/24 12:00

Lab Sample ID: 240-212357-3
Matrix: Solid
Percent Solids: 58.1

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	3060A			560807	UDS7	ELLE	10/08/24 15:15
Total/NA	Analysis	7196A		10	561397	UDS7	ELLE	10/09/24 19:11

Lab Chronicle

Client: August Mack Environmental, Inc.
Project/Site: MSC Canfield - Soil

Job ID: 240-212357-2

Client Sample ID: T250-C-0.0
Date Collected: 10/03/24 10:00
Date Received: 10/03/24 12:00

Lab Sample ID: 240-212357-4
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
ASTM Leach	Leach	D3987-85			559868	UNWS	ELLE	10/07/24 14:52 - 10/08/24 08:40 [1]
ASTM Leach	Analysis	OIA-1677		1	561861	UJE2	ELLE	10/10/24 14:30

Client Sample ID: T250-C-0.0
Date Collected: 10/03/24 10:00
Date Received: 10/03/24 12:00

Lab Sample ID: 240-212357-4
Matrix: Solid
Percent Solids: 61.4

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	3060A			560807	UDS7	ELLE	10/08/24 15:15
Total/NA	Analysis	7196A		10	561397	UDS7	ELLE	10/09/24 19:11

Client Sample ID: T375-E-0.0
Date Collected: 10/03/24 10:20
Date Received: 10/03/24 12:00

Lab Sample ID: 240-212357-5
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
ASTM Leach	Leach	D3987-85			559868	UNWS	ELLE	10/07/24 14:52 - 10/08/24 08:40 [1]
ASTM Leach	Analysis	OIA-1677		1	561861	UJE2	ELLE	10/10/24 15:23

Client Sample ID: T375-E-0.0
Date Collected: 10/03/24 10:20
Date Received: 10/03/24 12:00

Lab Sample ID: 240-212357-5
Matrix: Solid
Percent Solids: 57.9

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	3060A			560807	UDS7	ELLE	10/08/24 15:15
Total/NA	Analysis	7196A		5	561397	UDS7	ELLE	10/09/24 19:11

Client Sample ID: T375-W-0.0
Date Collected: 10/03/24 10:25
Date Received: 10/03/24 12:00

Lab Sample ID: 240-212357-6
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
ASTM Leach	Leach	D3987-85			559868	UNWS	ELLE	10/07/24 14:52 - 10/08/24 08:40 [1]
ASTM Leach	Analysis	OIA-1677		1	561861	UJE2	ELLE	10/10/24 14:53

Client Sample ID: T375-W-0.0
Date Collected: 10/03/24 10:25
Date Received: 10/03/24 12:00

Lab Sample ID: 240-212357-6
Matrix: Solid
Percent Solids: 59.8

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	3060A			560807	UDS7	ELLE	10/08/24 15:15
Total/NA	Analysis	7196A		10	561397	UDS7	ELLE	10/09/24 19:11

Lab Chronicle

Client: August Mack Environmental, Inc.
Project/Site: MSC Canfield - Soil

Job ID: 240-212357-2

Client Sample ID: T500-E-0.0
Date Collected: 10/03/24 10:30
Date Received: 10/03/24 12:00

Lab Sample ID: 240-212357-7
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
ASTM Leach	Leach	D3987-85			559868	UNWS	ELLE	10/07/24 14:52 - 10/08/24 08:40 [1]
ASTM Leach	Analysis	OIA-1677		1	561861	UJE2	ELLE	10/10/24 14:43

Client Sample ID: T500-E-0.0
Date Collected: 10/03/24 10:30
Date Received: 10/03/24 12:00

Lab Sample ID: 240-212357-7
Matrix: Solid
Percent Solids: 67.0

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	3060A			560807	UDS7	ELLE	10/08/24 15:15
Total/NA	Analysis	7196A		10	561397	UDS7	ELLE	10/09/24 19:11

Client Sample ID: T500-W-0.0
Date Collected: 10/03/24 10:35
Date Received: 10/03/24 12:00

Lab Sample ID: 240-212357-8
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
ASTM Leach	Leach	D3987-85			559868	UNWS	ELLE	10/07/24 14:52 - 10/08/24 08:40 [1]
ASTM Leach	Analysis	OIA-1677		1	561861	UJE2	ELLE	10/10/24 14:23

Client Sample ID: T500-W-0.0
Date Collected: 10/03/24 10:35
Date Received: 10/03/24 12:00

Lab Sample ID: 240-212357-8
Matrix: Solid
Percent Solids: 66.5

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	3060A			560807	UDS7	ELLE	10/08/24 15:15
Total/NA	Analysis	7196A		10	561397	UDS7	ELLE	10/09/24 19:11

Client Sample ID: DUP-1-20241003
Date Collected: 10/03/24 00:00
Date Received: 10/03/24 12:00

Lab Sample ID: 240-212357-9
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
ASTM Leach	Leach	D3987-85			559868	UNWS	ELLE	10/07/24 14:52 - 10/08/24 08:40 [1]
ASTM Leach	Analysis	OIA-1677		1	561861	UJE2	ELLE	10/10/24 14:25

Client Sample ID: DUP-1-20241003
Date Collected: 10/03/24 00:00
Date Received: 10/03/24 12:00

Lab Sample ID: 240-212357-9
Matrix: Solid
Percent Solids: 76.8

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	3060A			560807	UDS7	ELLE	10/08/24 15:15
Total/NA	Analysis	7196A		10	561397	UDS7	ELLE	10/09/24 19:11

Lab Chronicle

Client: August Mack Environmental, Inc.
Project/Site: MSC Canfield - Soil

Job ID: 240-212357-2

Client Sample ID: T625-W-0.0
Date Collected: 10/03/24 10:45
Date Received: 10/03/24 12:00

Lab Sample ID: 240-212357-10
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
ASTM Leach	Leach	D3987-85			559868	UNWS	ELLE	10/07/24 14:52 - 10/08/24 08:40 [1]
ASTM Leach	Analysis	OIA-1677		1	561861	UJE2	ELLE	10/10/24 15:10

Client Sample ID: T625-W-0.0
Date Collected: 10/03/24 10:45
Date Received: 10/03/24 12:00

Lab Sample ID: 240-212357-10
Matrix: Solid
Percent Solids: 65.7

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	3060A			560807	UDS7	ELLE	10/08/24 15:15
Total/NA	Analysis	7196A		10	561397	UDS7	ELLE	10/09/24 19:11

Client Sample ID: T625-C-0.0
Date Collected: 10/03/24 10:50
Date Received: 10/03/24 12:00

Lab Sample ID: 240-212357-11
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
ASTM Leach	Leach	D3987-85			559868	UNWS	ELLE	10/07/24 14:52 - 10/08/24 08:40 [1]
ASTM Leach	Analysis	OIA-1677		1	561861	UJE2	ELLE	10/10/24 15:20

Client Sample ID: T625-C-0.0
Date Collected: 10/03/24 10:50
Date Received: 10/03/24 12:00

Lab Sample ID: 240-212357-11
Matrix: Solid
Percent Solids: 69.1

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	3060A			560807	UDS7	ELLE	10/08/24 15:15
Total/NA	Analysis	7196A		10	561397	UDS7	ELLE	10/09/24 19:11

Client Sample ID: T750-E-0.0
Date Collected: 10/03/24 11:05
Date Received: 10/03/24 12:00

Lab Sample ID: 240-212357-12
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
ASTM Leach	Leach	D3987-85			559868	UNWS	ELLE	10/07/24 14:52 - 10/08/24 08:40 [1]
ASTM Leach	Analysis	OIA-1677		1	561861	UJE2	ELLE	10/10/24 15:00

Client Sample ID: T750-E-0.0
Date Collected: 10/03/24 11:05
Date Received: 10/03/24 12:00

Lab Sample ID: 240-212357-12
Matrix: Solid
Percent Solids: 60.7

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	3060A			560807	UDS7	ELLE	10/08/24 15:15
Total/NA	Analysis	7196A		10	561397	UDS7	ELLE	10/09/24 19:11

Lab Chronicle

Client: August Mack Environmental, Inc.
Project/Site: MSC Canfield - Soil

Job ID: 240-212357-2

Client Sample ID: T750-W-0.0
Date Collected: 10/03/24 11:10
Date Received: 10/03/24 12:00

Lab Sample ID: 240-212357-13
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
ASTM Leach	Leach	D3987-85			559868	UNWS	ELLE	10/07/24 14:52 - 10/08/24 08:40 [1]
ASTM Leach	Analysis	OIA-1677		1	561861	UJE2	ELLE	10/10/24 15:08

Client Sample ID: T750-W-0.0
Date Collected: 10/03/24 11:10
Date Received: 10/03/24 12:00

Lab Sample ID: 240-212357-13
Matrix: Solid
Percent Solids: 68.3

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	3060A			560807	UDS7	ELLE	10/08/24 15:15
Total/NA	Analysis	7196A		10	561397	UDS7	ELLE	10/09/24 19:11

Client Sample ID: T625-E-0.0
Date Collected: 10/03/24 10:40
Date Received: 10/03/24 12:00

Lab Sample ID: 240-212357-14
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
ASTM Leach	Leach	D3987-85			559868	UNWS	ELLE	10/07/24 14:52 - 10/08/24 08:40 [1]
ASTM Leach	Analysis	OIA-1677		1	561861	UJE2	ELLE	10/10/24 15:38

Client Sample ID: T625-E-0.0
Date Collected: 10/03/24 10:40
Date Received: 10/03/24 12:00

Lab Sample ID: 240-212357-14
Matrix: Solid
Percent Solids: 71.4

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	3060A			560807	UDS7	ELLE	10/08/24 15:15
Total/NA	Analysis	7196A		10	561397	UDS7	ELLE	10/09/24 19:11

Client Sample ID: DUP-2-20241003
Date Collected: 10/03/24 00:00
Date Received: 10/03/24 12:00

Lab Sample ID: 240-212357-15
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
ASTM Leach	Leach	D3987-85			559868	UNWS	ELLE	10/07/24 14:52 - 10/08/24 08:40 [1]
ASTM Leach	Analysis	OIA-1677		1	561861	UJE2	ELLE	10/10/24 15:13

Client Sample ID: DUP-2-20241003
Date Collected: 10/03/24 00:00
Date Received: 10/03/24 12:00

Lab Sample ID: 240-212357-15
Matrix: Solid
Percent Solids: 70.2

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	3060A			560807	UDS7	ELLE	10/08/24 15:15
Total/NA	Analysis	7196A		10	561397	UDS7	ELLE	10/09/24 19:11

[1] This procedure uses a method stipulated length of time for the process. Both start and end times are displayed.

Laboratory References:

ELLE = Eurofins Lancaster Laboratories Environment Testing, LLC, 2425 New Holland Pike, Lancaster, PA 17601, TEL (717)656-2300

Accreditation/Certification Summary

Client: August Mack Environmental, Inc. Job ID: 240-212357-2
Project/Site: MSC Canfield - Soil

Laboratory: Eurofins Lancaster Laboratories Environment Testing, LLC

All accreditations/certifications held by this laboratory are listed. Not all accreditations/certifications are applicable to this report.

Authority	Program	Identification Number	Expiration Date
A2LA	Dept. of Defense ELAP	0001.01	11-30-24
A2LA	ISO/IEC 17025	0001.01	11-30-24
Alabama	State	43200	01-31-25
Alaska	State	PA00009	06-30-25
Alaska (UST)	State	17-027	02-28-25
Arizona	State	AZ0780	03-12-25
Arkansas DEQ	State	88-00660	08-09-25
California	State	2792	11-30-24
Colorado	State	PA00009	06-30-25
Connecticut	State	PH-0746	06-30-25
DE Haz. Subst. Cleanup Act (HSCA)	State	019-006 (PA cert)	01-31-25
Delaware (DW)	State	N/A	01-31-25
Florida	NELAP	E87997	06-30-25
Georgia (DW)	State	C048	01-31-25
Hawaii	State	N/A	01-31-25
Illinois	NELAP	200027	01-31-25
Iowa	State	361	03-01-26
Kansas	NELAP	E-10151	10-31-24
Kentucky (DW)	State	KY90088	12-31-24
Kentucky (UST)	State	0001.01	11-30-24
Kentucky (WW)	State	KY90088	12-31-24
Louisiana (All)	NELAP	02055	06-30-25
Maine	State	2019012	03-12-25
Maryland	State	100	06-30-25
Massachusetts	State	M-PA009	06-30-25
Michigan	State	9930	01-31-25
Minnesota	NELAP	042-999-487	12-31-24
Mississippi	State	023	01-31-25
Missouri	State	450	01-31-25
Montana (DW)	State	0098	01-01-25
Nebraska	State	NE-OS-32-17	01-31-25
New Hampshire	NELAP	2730	01-10-25
New Jersey	NELAP	PA011	06-30-25
New York	NELAP	10670	04-01-25
North Carolina (DW)	State	42705	07-31-25
North Carolina (WW/SW)	State	521	12-31-25
North Dakota	State	R-205	01-31-24 *
Oklahoma	NELAP	9804	08-31-24 *
Oregon	NELAP	PA200001	09-11-25
Pennsylvania	NELAP	36-00037	01-31-25
Quebec Ministry of Environment and Fight against Climate Change	PALA	507	09-16-29
Rhode Island	State	LAO00338	12-30-24
South Carolina	State	89002	01-31-25
Tennessee	State	02838	01-31-25
Texas	NELAP	T104704194-23-46	08-31-25
USDA	US Federal Programs	525-22-298-19481	10-25-25
Vermont	State	VT - 36037	10-28-24
Virginia	NELAP	460182	06-14-25
Washington	State	C457	04-11-25

* Accreditation/Certification renewal pending - accreditation/certification considered valid.

Accreditation/Certification Summary

Client: August Mack Environmental, Inc. Job ID: 240-212357-2
Project/Site: MSC Canfield - Soil

Laboratory: Eurofins Lancaster Laboratories Environment Testing, LLC (Continued)

All accreditations/certifications held by this laboratory are listed. Not all accreditations/certifications are applicable to this report.

Authority	Program	Identification Number	Expiration Date
West Virginia (DW)	State	9906 C	01-31-25
West Virginia DEP	State	055	07-31-25
Wyoming	State	8TMS-L	01-31-25
Wyoming (UST)	A2LA	0001.01	11-30-24

Eurofins Cleveland
180 S. Van Buren Avenue
Barberton, OH 44203
Phone (330) 497-9396 Phone (330) 497-0772

Chain of Custody Record

5.1/5.8

eurofins | Environment Testing

Client Information	Sampler: Elisabeth Webber	Lab PM: Kalis, Nicole A	Carrier Tracking No(s):	COC No: 240-124901-43556.5
Client Contact: Kain Lager-Lowe	Phone:	E-Mail: Nicole.Kalis@et.eurofinsus.com	State of Origin:	Page: Page 5 of 12
Company: August Mack Environmental, Inc.	PWSID:			Job #:
Address: 7830 North Central Drive, Suite B	Due Date Requested:			
City: Lewis Center	TAT Requested (days): 3 Day TAT			
State, Zip: OH, 43035	Compliance Project: Δ Yes Δ No			
Phone: 740-548-1515(Tel)	PO #:			
Email: klagerlowe@augustmack.com	WO #:			
Project Name: MSC Canfield - Soil/Surface Water	Project #: DO NOT DELETE - 24033889			
Site:	SSOW#:			

Analysis Requested

Preservation Codes:
N - None
A - HCL
B - NaOH
D - HNO3
Other:

Sample Identification	Sample Date	Sample Time	Sample Type (C=Comp, G=grab)	Matrix (W=water, S=solid, O=waste/oil, BT=Tissue, A=Air)	Field Filtered Sample (Yes or No)	Perform MS/MSD (Yes or No)	8260D - VOCs	8270E - SVOCs	8082A - PCBs	6010D, 7471B - RCRA 8, Cu & Zn	9012B - Total Cyanide	7196A - Hexavalent Chromium	1677 - Free Cyanide	Total Number of containers	Special Instructions/Note:
			Preservation Code:				N	N	N	N	N	N	N		
T125-C-0.0	10-3-24	0930	G	Solid	N		X	X	X	X	X	X	X	6	
T250-E-0.0	10-3-24	0945		Solid	N									6	
T250-W-0.0	10-3-24	0940		Solid	N									6	
T250-C-0.0	10-3-24	1000		Solid	N									6	
T375-E-0.0	10-3-24	1020		Solid	N									6	
T375-W-0.0	10-3-24	1025		Solid	N									6	
T500-E-0.0	10-3-24	1030		Solid	N									6	
T500-W-0.0	10-3-24	1035		Solid	N									6	
DUP-1-20241003	10-3-24			Solid	N									6	
T625-W-0.0	10-3-24	1045		Solid	N									6	
T625-C-0.0	10-3-24	1050	↓	Solid	N		↓	↓	↓	↓	↓	↓	↓	6	

240-212357 COC

Possible Hazard Identification
☐ Non-Hazard ☐ Flammable ☐ Skin Irritant ☐ Poison B ☐ Unknown ☐ Radiological

Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)
☐ Return To Client ☐ Disposal By Lab ☐ Archive For _____ Months

Deliverable Requested: I, II, III, IV, Other (specify)

Special Instructions/QC Requirements:

Empty Kit Relinquished by:	Date:	Time:	Method of Shipment:

Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company
	10/3/24 12:00			10-3-24 12:00	
Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company
Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company

Custody Seals Intact: Δ Yes Δ No	Custody Seal No.:	Cooler Temperature(s) °C and Other Remarks:

Eurofins Cleveland
180 S. Van Buren Avenue
Barberton, OH 44203
Phone (330) 497-9396 Phone (330) 497-0772

Chain of Custody Record

eurofins | Environment Testing

Client Information	Sampler:	Lab PM: Kalis, Nicole A	Carrier Tracking No(s):	COC No: 240-124901-43556.3
Client Contact: Kain Lager-Lowe	Phone:	E-Mail: Nicole.Kalis@et.eurofinsus.com	State of Origin:	Page: Page 3 of 12
Company: August Mack Environmental, Inc.	PWSID:			Job #:
Address: 7830 North Central Drive, Suite B	Due Date Requested:			
City: Lewis Center	TAT Requested (days): 3 Day TAT			
State, Zip: OH, 43035	Compliance Project: Δ Yes Δ No			
Phone: 740-548-1515(Tel)	PO #:			
Email: klagerlowe@augustmack.com	WO #:			
Project Name: MSC Canfield - Soil/Surface Water	Project #: DO NOT DELETE - 24033889			
Site:	SSOW#:			

Analysis Requested

Preservation Codes:
N - None
A - HCL
B - NaOH
D - HNO3

Other:

Sample Identification	Sample Date	Sample Time	Sample Type (C=Comp, G=grab)	Matrix (W=water, S=solid, O=waste/oil, BT=Tissue, A=Air)	Field Filtered Sample (Yes or No)	Perform MS/MSD (Yes or No)	8260D - VOCs	8270E - SVOCs	8082A - PCBs	6010D, 7471B - RCRA 8, Cu & Zn	9012B - Total Cyanide	7196A - Hexavalent Chromium	1677 - Free Cyanide	MS/MSD	Total Number of containers	Special Instructions/Note:
			Preservation Code:				N	N	N	N	N	N	N			
T-750 -E- 0.0	10/3/24	1105	G	Solid			X	X	X	X	X	X	X		6	
T-750 -W- 0.0	10/3/24	1110	G	Solid											6	
T-625 -E- 0.0	10/3/24	1040	G	Solid										X	18	
Dup-2-2024 1003	10/3/24		G	Solid											6	
KLL 10/3/24 Trip Blank-2-2024 1003 ~~TB~~ FB			G	Solid			X								1	
				Solid												
				Solid												
				Solid												
				Solid												
				Solid												
				Solid												

Possible Hazard Identification
☐ Non-Hazard ☐ Flammable ☐ Skin Irritant ☐ Poison B ☐ Unknown ☐ Radiological

Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)
☐ Return To Client ☐ Disposal By Lab ☐ Archive For _____ Months

Deliverable Requested: I, II, III, IV, Other (specify)

Special Instructions/QC Requirements:

Empty Kit Relinquished by:	Date:	Time:	Method of Shipment:

	Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company
	Relinquished by:	10/3/24 12:00			10-3-24 12:00	
	Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company
	Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company

Custody Seals Intact: Δ Yes Δ No | Custody Seal No.: | Cooler Temperature(s) °C and Other Remarks:

Eurofins – Cleveland Sample Receipt Form/Narrative **Login # :** _____
Barberton Facility

Client August Mack Site Name _____ Cooler unpacked by: JMOROSKO

Cooler Received on 10/3/24 Opened on 10/3/24

FedEx: 1st Grd Exp UPS FAS Waypoint Client Drop Off Eurofins Courier Other _____

Receipt After-hours: Drop-off Date/Time _____ Storage Location _____

Eurofins Cooler # EC Foam Box Client Cooler Box Other _____

Packing material used: Bubble Wrap Foam Plastic Bag None Other _____

COOLANT: Wet Ice Blue Ice Dry Ice Water None

1. Cooler temperature upon receipt ☐ See Multiple Cooler Form

IR GUN # 13 (CF 0.7 °C) Observed Cooler Temp. 5.1 °C Corrected Cooler Temp. 5.8 °C

2. Were tamper/custody seals on the outside of the cooler(s)? If Yes Quantity_____	Yes	No
-Were the seals on the outside of the cooler(s) signed & dated?	Yes	No NA
-Were tamper/custody seals on the bottle(s) or bottle kits (LLHg/MeHg)?	Yes	No
-Were tamper/custody seals intact and uncompromised?	Yes	No NA
3. Shippers' packing slip attached to the cooler(s)?	Yes	No
4. Did custody papers accompany the sample(s)?	Yes	No
5. Were the custody papers relinquished & signed in the appropriate place?	Yes	No
6. Was/were the person(s) who collected the samples clearly identified on the COC?	Yes	No
7. Did all bottles arrive in good condition (Unbroken)?	Yes	No
8. Could all bottle labels (ID/Date/Time) be reconciled with the COC?	Yes	No
9. For each sample, does the COC specify preservatives (Y/N), # of containers (Y/N), and sample type of grab/comp (Y/N)?		
10. Were correct bottle(s) used for the test(s) indicated?	Yes	No
11. Sufficient quantity received to perform indicated analyses?	Yes	No
12. Are these work share samples and all listed on the COC?	Yes	No
If yes, Questions 13-17 have been checked at the originating laboratory.		
13. Were all preserved sample(s) at the correct pH upon receipt?	Yes	No NA pH Strip Lot# HC447997
14. Were VOAs on the COC?	Yes	No JM 10-3
15. Were air bubbles >6 mm in any VOA vials? ● ← Larger than this.	Yes	No NA
16. Was a VOA trip blank present in the cooler(s)? Trip Blank Lot # 0041301F	Yes	No
17. Was a LL Hg or Me Hg trip blank present? _____	Yes	No

Tests that are not checked for pH by Receiving:

VOAs
Oil and Grease
TOC

Contacted PM _____ Date _____ by _____ via Verbal Voice Mail Other

Concerning _____

18. CHAIN OF CUSTODY & SAMPLE DISCREPANCIES ☐ additional next page

Samples processed by:

19. SAMPLE CONDITION

Sample(s) _____ were received after the recommended holding time had expired.
Sample(s) _____ were received in a broken container.
Sample(s) _____ were received with bubble >6 mm in diameter. (Notify PM)

20. SAMPLE PRESERVATION

Sample(s) _____ were further preserved in the laboratory.
Time preserved: _____ Preservative(s) added/Lot number(s): _____

VOA Sample Preservation - Date/Time VOAs Frozen: _____

10/3/2024

Login Container Summary Report

240-212357

10/11/2024

Temperature readings: _____

Client Sample ID	Lab ID	Container Type	Container pH	Container Temp	Preservation Added	Preservation Lot Number
T125-C-0.0	240-212357-A-1	SnapCap 1/2 ounce unpreserved				
T125-C-0.0	240-212357-B-1	Soil jar 2oz - clear glass				
T125-C-0.0	240-212357-C-1	Soil jar 4oz - clear glass				
T125-C-0.0	240-212357-D-1	Soil jar 4oz - clear glass				
T125-C-0.0	240-212357-E-1	Soil jar 4oz - clear glass				
T125-C-0.0	240-212357-F-1	Soil jar 4oz - clear glass				
T125-C-0.0	240-212357-G-1	Soil jar 4oz - clear glass				
T250-E-0.0	240-212357-A-2	SnapCap 1/2 ounce unpreserved				
T250-E-0.0	240-212357-B-2	Soil jar 2oz - clear glass				
T250-E-0.0	240-212357-C-2	Soil jar 4oz - clear glass				
T250-E-0.0	240-212357-D-2	Soil jar 4oz - clear glass				
T250-E-0.0	240-212357-E-2	Soil jar 4oz - clear glass				
T250-E-0.0	240-212357-F-2	Soil jar 4oz - clear glass				
T250-E-0.0	240-212357-G-2	Soil jar 4oz - clear glass				
T250-W-0.0	240-212357-A-3	SnapCap 1/2 ounce unpreserved				
T250-W-0.0	240-212357-B-3	Soil jar 2oz - clear glass				
T250-W-0.0	240-212357-C-3	Soil jar 4oz - clear glass				
T250-W-0.0	240-212357-D-3	Soil jar 4oz - clear glass				
T250-W-0.0	240-212357-E-3	Soil jar 4oz - clear glass				
T250-W-0.0	240-212357-F-3	Soil jar 4oz - clear glass				
T250-W-0.0	240-212357-G-3	Soil jar 4oz - clear glass				
T250-C-0.0	240-212357-A-4	SnapCap 1/2 ounce unpreserved				
T250-C-0.0	240-212357-B-4	Soil jar 2oz - clear glass				
T250-C-0.0	240-212357-C-4	Soil jar 4oz - clear glass				
T250-C-0.0	240-212357-D-4	Soil jar 4oz - clear glass				
T250-C-0.0	240-212357-E-4	Soil jar 4oz - clear glass				
T250-C-0.0	240-212357-F-4	Soil jar 4oz - clear glass				
T250-C-0.0	240-212357-G-4	Soil jar 4oz - clear glass				
T375-E-0.0	240-212357-A-5	SnapCap 1/2 ounce unpreserved				
T375-E-0.0	240-212357-B-5	Soil jar 2oz - clear glass				
T375-E-0.0	240-212357-C-5	Soil jar 4oz - clear glass				
T375-E-0.0	240-212357-D-5	Soil jar 4oz - clear glass				
T375-E-0.0	240-212357-E-5	Soil jar 4oz - clear glass				
T375-E-0.0	240-212357-F-5	Soil jar 4oz - clear glass				
T375-E-0.0	240-212357-G-5	Soil jar 4oz - clear glass				

Client Sample ID	Lab ID	Container Type	Container pH	Container Temp	Preservation Added	Preservation Lot Number
T375-W-0.0	240-212357-A-6	SnapCap 1/2 ounce unpreserved				
T375-W-0.0	240-212357-B-6	Soil jar 2oz - clear glass				
T375-W-0.0	240-212357-C-6	Soil jar 4oz - clear glass				
T375-W-0.0	240-212357-D-6	Soil jar 4oz - clear glass				
T375-W-0.0	240-212357-E-6	Soil jar 4oz - clear glass				
T375-W-0.0	240-212357-F-6	Soil jar 4oz - clear glass				
T375-W-0.0	240-212357-G-6	Soil jar 4oz - clear glass				
T500-E-0.0	240-212357-A-7	SnapCap 1/2 ounce unpreserved				
T500-E-0.0	240-212357-B-7	Soil jar 2oz - clear glass				
T500-E-0.0	240-212357-C-7	Soil jar 4oz - clear glass				
T500-E-0.0	240-212357-D-7	Soil jar 4oz - clear glass				
T500-E-0.0	240-212357-E-7	Soil jar 4oz - clear glass				
T500-E-0.0	240-212357-F-7	Soil jar 4oz - clear glass				
T500-E-0.0	240-212357-G-7	Soil jar 4oz - clear glass				
T500-W-0.0	240-212357-A-8	SnapCap 1/2 ounce unpreserved				
T500-W-0.0	240-212357-B-8	Soil jar 2oz - clear glass				
T500-W-0.0	240-212357-C-8	Soil jar 4oz - clear glass				
T500-W-0.0	240-212357-D-8	Soil jar 4oz - clear glass				
T500-W-0.0	240-212357-E-8	Soil jar 4oz - clear glass				
T500-W-0.0	240-212357-F-8	Soil jar 4oz - clear glass				
T500-W-0.0	240-212357-G-8	Soil jar 4oz - clear glass				
DUP-1-20241003	240-212357-A-9	SnapCap 1/2 ounce unpreserved				
DUP-1-20241003	240-212357-B-9	Soil jar 2oz - clear glass				
DUP-1-20241003	240-212357-C-9	Soil jar 4oz - clear glass				
DUP-1-20241003	240-212357-D-9	Soil jar 4oz - clear glass				
DUP-1-20241003	240-212357-E-9	Soil jar 4oz - clear glass				
DUP-1-20241003	240-212357-F-9	Soil jar 4oz - clear glass				
DUP-1-20241003	240-212357-G-9	Soil jar 4oz - clear glass				
T625-W-0.0	240-212357-A-10	SnapCap 1/2 ounce unpreserved				
T625-W-0.0	240-212357-B-10	Soil jar 2oz - clear glass				
T625-W-0.0	240-212357-C-10	Soil jar 4oz - clear glass				
T625-W-0.0	240-212357-D-10	Soil jar 4oz - clear glass				
T625-W-0.0	240-212357-E-10	Soil jar 4oz - clear glass				
T625-W-0.0	240-212357-F-10	Soil jar 4oz - clear glass				
T625-W-0.0	240-212357-G-10	Soil jar 4oz - clear glass				
T625-C-0.0	240-212357-A-11	SnapCap 1/2 ounce unpreserved				
T625-C-0.0	240-212357-B-11	Soil jar 2oz - clear glass				
T625-C-0.0	240-212357-C-11	Soil jar 4oz - clear glass				

10/11/2024

Client Sample ID	Lab ID	Container Type	Container pH	Container Temp	Preservation Added	Preservation Lot Number
T625-C-0.0	240-212357-D-11	Soil jar 4oz - clear glass				
T625-C-0.0	240-212357-E-11	Soil jar 4oz - clear glass				
T625-C-0.0	240-212357-F-11	Soil jar 4oz - clear glass				
T625-C-0.0	240-212357-G-11	Soil jar 4oz - clear glass				
T750-E-0.0	240-212357-A-12	SnapCap 1/2 ounce unpreserved				
T750-E-0.0	240-212357-B-12	Soil jar 2oz - clear glass				
T750-E-0.0	240-212357-C-12	Soil jar 4oz - clear glass				
T750-E-0.0	240-212357-D-12	Soil jar 4oz - clear glass				
T750-E-0.0	240-212357-E-12	Soil jar 4oz - clear glass				
T750-E-0.0	240-212357-F-12	Soil jar 4oz - clear glass				
T750-E-0.0	240-212357-G-12	Soil jar 4oz - clear glass				
T750-W-0.0	240-212357-A-13	SnapCap 1/2 ounce unpreserved				
T750-W-0.0	240-212357-B-13	Soil jar 2oz - clear glass				
T750-W-0.0	240-212357-C-13	Soil jar 4oz - clear glass				
T750-W-0.0	240-212357-D-13	Soil jar 4oz - clear glass				
T750-W-0.0	240-212357-E-13	Soil jar 4oz - clear glass				
T750-W-0.0	240-212357-F-13	Soil jar 4oz - clear glass				
T750-W-0.0	240-212357-G-13	Soil jar 4oz - clear glass				
T625-E-0.0	240-212357-A-14	SnapCap 1/2 ounce unpreserved				
T625-E-0.0	240-212357-B-14	Soil jar 2oz - clear glass				
T625-E-0.0	240-212357-C-14	Soil jar 4oz - clear glass				
T625-E-0.0	240-212357-D-14	Soil jar 4oz - clear glass				
T625-E-0.0	240-212357-E-14	Soil jar 4oz - clear glass				
T625-E-0.0	240-212357-F-14	Soil jar 4oz - clear glass				
T625-E-0.0	240-212357-G-14	Soil jar 4oz - clear glass				
DUP-2-20241003	240-212357-A-15	SnapCap 1/2 ounce unpreserved				
DUP-2-20241003	240-212357-B-15	Soil jar 2oz - clear glass				
DUP-2-20241003	240-212357-C-15	Soil jar 4oz - clear glass				
DUP-2-20241003	240-212357-D-15	Soil jar 4oz - clear glass				
DUP-2-20241003	240-212357-E-15	Soil jar 4oz - clear glass				
DUP-2-20241003	240-212357-F-15	Soil jar 4oz - clear glass				
DUP-2-20241003	240-212357-G-15	Soil jar 4oz - clear glass				
TB-2-20241003	240-212357-A-16	Voa Vial 40ml - Hydrochloric Acid				

Eurofins Cleveland
180 S. Van Buren Avenue
Barberton, OH 44203
Phone (330) 497-9396 Phone (330) 497-0772

Chain of Custody Record

5.1/5.8

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Client Information	Sampler: Elisabeth Webber	Lab PM: Kalis, Nicole A	Carrier Tracking No(s):	COC No: 240-124901-43556.5
Client Contact: Kain Lager-Lowe	Phone:	E-Mail: Nicole.Kalis@et.eurofinsus.com	State of Origin:	Page: Page 5 of 12
Company: August Mack Environmental, Inc.	PWSID:			Job #:
Address: 7830 North Central Drive, Suite B	Due Date Requested:			
City: Lewis Center	TAT Requested (days): 3 Day TAT			
State, Zip: OH, 43035	Compliance Project: Δ Yes Δ No			
Phone: 740-548-1515(Tel)	PO #:			
Email: klagerlowe@augustmack.com	WO #:			
Project Name: MSC Canfield - Soil/Surface Water	Project #: DO NOT DELETE - 24033889			
Site:	SSOW#:			

Analysis Requested

Preservation Codes:
N - None
A - HCL
B - NaOH
D - HNO3

Other:

Sample Identification	Sample Date	Sample Time	Sample Type (C=comp, G=grab)	Matrix (W=water, S=solid, O=waste/oil, BT=Tissue, A=Air)	Field Filtered Sample (Yes or No)	Perform MS/MSD (Yes or No)	8260D - VOCs	8270E - SVOCs	8082A - PCBs	6010D, 7471B - RCRA 8, Cu & Zn	9012B - Total Cyanide	7196A - Hexavalent Chromium	1677 - Free Cyanide	Total Number of containers	Special Instructions/Note:
Preservation Code:					X	X	N	N	N	N	N	N	N	X	
T125-C-0.0	10-3-24	0930	G	Solid	N		X	X	X	X	X	X	X	6	
T250-E-0.0	10-3-24	0945		Solid	N									6	
T250-W-0.0	10-3-24	0940		Solid	N									6	
T250-C-0.0	10-3-24	1000		Solid	N									6	
T375-E-0.0	10-3-24	1020		Solid	N									6	
T375-W-0.0	10-3-24	1025		Solid	N									6	
T500-E-0.0	10-3-24	1030		Solid	N									6	
T500-W-0.0	10-3-24	1035		Solid	N									6	
DUP-1-20241003	10-3-24			Solid	N									6	
T625-W-0.0	10-3-24	1045		Solid	N									6	
T625-C-0.0	10-3-24	1050	↓	Solid	N		↓	↓	↓	↓	↓	↓	↓	6	

240-212357 COC

Possible Hazard Identification
☐ Non-Hazard ☐ Flammable ☐ Skin Irritant ☐ Poison B ☐ Unknown ☐ Radiological

Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)
☐ Return To Client ☐ Disposal By Lab ☐ Archive For _____ Months

Deliverable Requested: I, II, III, IV, Other (specify)

Special Instructions/QC Requirements:

Empty Kit Relinquished by:	Date:	Time:	Method of Shipment:

Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company
	10/3/24 12:00			10-3-24 12:00	
Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company
Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company

Custody Seals Intact: Δ Yes Δ No	Custody Seal No.:	Cooler Temperature(s) °C and Other Remarks:

Eurofins Cleveland
180 S. Van Buren Avenue
Barberton, OH 44203
Phone (330) 497-9396 Phone (330) 497-0772

Chain of Custody Record

eurofins | Environment Testing

Client Information	Sampler:	Lab PM: Kalis, Nicole A	Carrier Tracking No(s):	COC No: 240-124901-43556.3
Client Contact: Kain Lager-Lowe	Phone:	E-Mail: Nicole.Kalis@et.eurofinsus.com	State of Origin:	Page: Page 3 of 12
Company: August Mack Environmental, Inc.	PWSID:			Job #:
Address: 7830 North Central Drive, Suite B	Due Date Requested:			
City: Lewis Center	TAT Requested (days): 3 Day TAT			
State, Zip: OH, 43035	Compliance Project: Δ Yes Δ No			
Phone: 740-548-1515(Tel)	PO #:			
Email: klagerlowe@augustmack.com	WO #:			
Project Name: MSC Canfield - Soil/Surface Water	Project #: DO NOT DELETE - 24033889			
Site:	SSOW#:			

Analysis Requested

Preservation Codes:
N - None
A - HCL
B - NaOH
D - HNO3
Other:

Sample Identification	Sample Date	Sample Time	Sample Type (C=Comp, G=grab)	Matrix (W=water, S=solid, O=waste/oil, BT=Tissue, A=Air)	Field Filtered Sample (Yes or No)	Perform MS/MSD (Yes or No)	8260D - VOCs	8270E - SVOCs	8082A - PCBs	6010D, 7471B - RCRA 8, Cu & Zn	9012B - Total Cyanide	7196A - Hexavalent Chromium	1677 - Free Cyanide	MS/MSD	Total Number of containers	Special Instructions/Note:
Preservation Code:							N	N	N	N	N	N	N			
T-750 -E- 0.0	10/3/24	1105	G	Solid			X	X	X	X	X	X	X		6	
T-750 -W- 0.0	10/3/24	1110	G	Solid											6	
T-625 -E- 0.0	10/3/24	1040	G	Solid										X	18	
Dup-2-20241003	10/3/24		G	Solid											6	
~~Trip Blank-2-20241003~~ TB	~~10/3/24~~		G	Solid			X								1	
				Solid												
				Solid												
				Solid												
				Solid												
				Solid												
				Solid												

RLL 10/3/24

Possible Hazard Identification	Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)
☐ Non-Hazard ☐ Flammable ☐ Skin Irritant ☐ Poison B ☐ Unknown ☐ Radiological	☐ Return To Client ☐ Disposal By Lab ☐ Archive For _____ Months
Deliverable Requested: I, II, III, IV, Other (specify)	Special Instructions/QC Requirements:

Empty Kit Relinquished by:	Date:	Time:	Method of Shipment:

Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company
	10/3/24 12:00			10-3-24 12:00	
Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company
Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company

Custody Seals Intact: Δ Yes Δ No	Custody Seal No.:	Cooler Temperature(s) °C and Other Remarks:

Eurofins – Cleveland Sample Receipt Form/Narrative **Login # :** _____
Barberton Facility

Client August Mack Site Name _____ Cooler unpacked by: JMOROSKO

Cooler Received on 10/3/24 Opened on 10/3/24

FedEx: 1st Grd Exp UPS FAS Waypoint Client Drop Off Eurofins Courier Other _____

Receipt After-hours: Drop-off Date/Time _____ Storage Location _____

Eurofins Cooler # EC Foam Box Client Cooler Box Other _____

Packing material used: Bubble Wrap Foam Plastic Bag None Other _____

COOLANT: Wet Ice Blue Ice Dry Ice Water None

1. Cooler temperature upon receipt ☐ See Multiple Cooler Form

IR GUN # 13 (CF 0.7 °C) Observed Cooler Temp. 5.1 °C Corrected Cooler Temp. 5.8 °C

2. Were tamper/custody seals on the outside of the cooler(s)? If Yes Quantity_____	Yes	(No)
-Were the seals on the outside of the cooler(s) signed & dated?	Yes No	(NA)
-Were tamper/custody seals on the bottle(s) or bottle kits (LLHg/MeHg)?	Yes	(No)
-Were tamper/custody seals intact and uncompromised?	Yes No	(NA)
3. Shippers' packing slip attached to the cooler(s)?	Yes	(No)
4. Did custody papers accompany the sample(s)?	(Yes)	No
5. Were the custody papers relinquished & signed in the appropriate place?	(Yes)	No
6. Was/were the person(s) who collected the samples clearly identified on the COC?	(Yes)	No
7. Did all bottles arrive in good condition (Unbroken)?	(Yes)	No
8. Could all bottle labels (ID/Date/Time) be reconciled with the COC?	(Yes)	No
9. For each sample, does the COC specify preservatives (Y(N)) # of containers (Y/N), and sample type of grab/comp (Y/N)?		
10. Were correct bottle(s) used for the test(s) indicated?	(Yes)	No
11. Sufficient quantity received to perform indicated analyses?	(Yes)	No
12. Are these work share samples and all listed on the COC?	Yes	(No)
If yes, Questions 13-17 have been checked at the originating laboratory.		
13. Were all preserved sample(s) at the correct pH upon receipt?	Yes No	(NA) pH Strip Lot# HC447997
14. Were VOAs on the COC?	(Yes)	(No) JM 10-3
15. Were air bubbles >6 mm in any VOA vials? ● ← Larger than this.	Yes No	(NA)
16. Was a VOA trip blank present in the cooler(s)? Trip Blank Lot # 0041301.5	(Yes)	No
17. Was a LL Hg or Me Hg trip blank present? _____	Yes	(No)

Tests that are not checked for pH by Receiving:
VOAs
Oil and Grease
TOC

Contacted PM _____ Date _____ by _____ via Verbal Voice Mail Other

Concerning _____

18. CHAIN OF CUSTODY & SAMPLE DISCREPANCIES ☐ additional next page

Samples processed by:

_____
_____
_____
_____

19. SAMPLE CONDITION

Sample(s) _____ were received after the recommended holding time had expired.
Sample(s) _____ were received in a broken container.
Sample(s) _____ were received with bubble >6 mm in diameter. (Notify PM)

20. SAMPLE PRESERVATION

Sample(s) _____ were further preserved in the laboratory.
Time preserved: _____ Preservative(s) added/Lot number(s): _____

VOA Sample Preservation - Date/Time VOAs Frozen: _____

10/3/2024

Login Container Summary Report

240-212357

10/11/2024

Temperature readings: _____

Client Sample ID	Lab ID	Container Type	Container pH	Container Temp	Preservation Added	Preservation Lot Number
T125-C-0.0	240-212357-A-1	SnapCap 1/2 ounce unpreserved				
T125-C-0.0	240-212357-B-1	Soil jar 2oz - clear glass				
T125-C-0.0	240-212357-C-1	Soil jar 4oz - clear glass				
T125-C-0.0	240-212357-D-1	Soil jar 4oz - clear glass				
T125-C-0.0	240-212357-E-1	Soil jar 4oz - clear glass				
T125-C-0.0	240-212357-F-1	Soil jar 4oz - clear glass				
T125-C-0.0	240-212357-G-1	Soil jar 4oz - clear glass				
T250-E-0.0	240-212357-A-2	SnapCap 1/2 ounce unpreserved				
T250-E-0.0	240-212357-B-2	Soil jar 2oz - clear glass				
T250-E-0.0	240-212357-C-2	Soil jar 4oz - clear glass				
T250-E-0.0	240-212357-D-2	Soil jar 4oz - clear glass				
T250-E-0.0	240-212357-E-2	Soil jar 4oz - clear glass				
T250-E-0.0	240-212357-F-2	Soil jar 4oz - clear glass				
T250-E-0.0	240-212357-G-2	Soil jar 4oz - clear glass				
T250-W-0.0	240-212357-A-3	SnapCap 1/2 ounce unpreserved				
T250-W-0.0	240-212357-B-3	Soil jar 2oz - clear glass				
T250-W-0.0	240-212357-C-3	Soil jar 4oz - clear glass				
T250-W-0.0	240-212357-D-3	Soil jar 4oz - clear glass				
T250-W-0.0	240-212357-E-3	Soil jar 4oz - clear glass				
T250-W-0.0	240-212357-F-3	Soil jar 4oz - clear glass				
T250-W-0.0	240-212357-G-3	Soil jar 4oz - clear glass				
T250-C-0.0	240-212357-A-4	SnapCap 1/2 ounce unpreserved				
T250-C-0.0	240-212357-B-4	Soil jar 2oz - clear glass				
T250-C-0.0	240-212357-C-4	Soil jar 4oz - clear glass				
T250-C-0.0	240-212357-D-4	Soil jar 4oz - clear glass				
T250-C-0.0	240-212357-E-4	Soil jar 4oz - clear glass				
T250-C-0.0	240-212357-F-4	Soil jar 4oz - clear glass				
T250-C-0.0	240-212357-G-4	Soil jar 4oz - clear glass				
T375-E-0.0	240-212357-A-5	SnapCap 1/2 ounce unpreserved				
T375-E-0.0	240-212357-B-5	Soil jar 2oz - clear glass				
T375-E-0.0	240-212357-C-5	Soil jar 4oz - clear glass				
T375-E-0.0	240-212357-D-5	Soil jar 4oz - clear glass				
T375-E-0.0	240-212357-E-5	Soil jar 4oz - clear glass				
T375-E-0.0	240-212357-F-5	Soil jar 4oz - clear glass				
T375-E-0.0	240-212357-G-5	Soil jar 4oz - clear glass				

10/11/2024

Client Sample ID	Lab ID	Container Type	Container pH	Container Temp	Preservation Added	Preservation Lot Number
T375-W-0.0	240-212357-A-6	SnapCap 1/2 ounce unpreserved				
T375-W-0.0	240-212357-B-6	Soil jar 2oz - clear glass				
T375-W-0.0	240-212357-C-6	Soil jar 4oz - clear glass				
T375-W-0.0	240-212357-D-6	Soil jar 4oz - clear glass				
T375-W-0.0	240-212357-E-6	Soil jar 4oz - clear glass				
T375-W-0.0	240-212357-F-6	Soil jar 4oz - clear glass				
T375-W-0.0	240-212357-G-6	Soil jar 4oz - clear glass				
T500-E-0.0	240-212357-A-7	SnapCap 1/2 ounce unpreserved				
T500-E-0.0	240-212357-B-7	Soil jar 2oz - clear glass				
T500-E-0.0	240-212357-C-7	Soil jar 4oz - clear glass				
T500-E-0.0	240-212357-D-7	Soil jar 4oz - clear glass				
T500-E-0.0	240-212357-E-7	Soil jar 4oz - clear glass				
T500-E-0.0	240-212357-F-7	Soil jar 4oz - clear glass				
T500-E-0.0	240-212357-G-7	Soil jar 4oz - clear glass				
T500-W-0.0	240-212357-A-8	SnapCap 1/2 ounce unpreserved				
T500-W-0.0	240-212357-B-8	Soil jar 2oz - clear glass				
T500-W-0.0	240-212357-C-8	Soil jar 4oz - clear glass				
T500-W-0.0	240-212357-D-8	Soil jar 4oz - clear glass				
T500-W-0.0	240-212357-E-8	Soil jar 4oz - clear glass				
T500-W-0.0	240-212357-F-8	Soil jar 4oz - clear glass				
T500-W-0.0	240-212357-G-8	Soil jar 4oz - clear glass				
DUP-1-20241003	240-212357-A-9	SnapCap 1/2 ounce unpreserved				
DUP-1-20241003	240-212357-B-9	Soil jar 2oz - clear glass				
DUP-1-20241003	240-212357-C-9	Soil jar 4oz - clear glass				
DUP-1-20241003	240-212357-D-9	Soil jar 4oz - clear glass				
DUP-1-20241003	240-212357-E-9	Soil jar 4oz - clear glass				
DUP-1-20241003	240-212357-F-9	Soil jar 4oz - clear glass				
DUP-1-20241003	240-212357-G-9	Soil jar 4oz - clear glass				
T625-W-0.0	240-212357-A-10	SnapCap 1/2 ounce unpreserved				
T625-W-0.0	240-212357-B-10	Soil jar 2oz - clear glass				
T625-W-0.0	240-212357-C-10	Soil jar 4oz - clear glass				
T625-W-0.0	240-212357-D-10	Soil jar 4oz - clear glass				
T625-W-0.0	240-212357-E-10	Soil jar 4oz - clear glass				
T625-W-0.0	240-212357-F-10	Soil jar 4oz - clear glass				
T625-W-0.0	240-212357-G-10	Soil jar 4oz - clear glass				
T625-C-0.0	240-212357-A-11	SnapCap 1/2 ounce unpreserved				
T625-C-0.0	240-212357-B-11	Soil jar 2oz - clear glass				
T625-C-0.0	240-212357-C-11	Soil jar 4oz - clear glass				

Client Sample ID	Lab ID	Container Type	Container pH	Container Temp	Preservation Added	Preservation Lot Number
T625-C-0.0	240-212357-D-11	Soil jar 4oz - clear glass				
T625-C-0.0	240-212357-E-11	Soil jar 4oz - clear glass				
T625-C-0.0	240-212357-F-11	Soil jar 4oz - clear glass				
T625-C-0.0	240-212357-G-11	Soil jar 4oz - clear glass				
T750-E-0.0	240-212357-A-12	SnapCap 1/2 ounce unpreserved				
T750-E-0.0	240-212357-B-12	Soil jar 2oz - clear glass				
T750-E-0.0	240-212357-C-12	Soil jar 4oz - clear glass				
T750-E-0.0	240-212357-D-12	Soil jar 4oz - clear glass				
T750-E-0.0	240-212357-E-12	Soil jar 4oz - clear glass				
T750-E-0.0	240-212357-F-12	Soil jar 4oz - clear glass				
T750-E-0.0	240-212357-G-12	Soil jar 4oz - clear glass				
T750-W-0.0	240-212357-A-13	SnapCap 1/2 ounce unpreserved				
T750-W-0.0	240-212357-B-13	Soil jar 2oz - clear glass				
T750-W-0.0	240-212357-C-13	Soil jar 4oz - clear glass				
T750-W-0.0	240-212357-D-13	Soil jar 4oz - clear glass				
T750-W-0.0	240-212357-E-13	Soil jar 4oz - clear glass				
T750-W-0.0	240-212357-F-13	Soil jar 4oz - clear glass				
T750-W-0.0	240-212357-G-13	Soil jar 4oz - clear glass				
T625-E-0.0	240-212357-A-14	SnapCap 1/2 ounce unpreserved				
T625-E-0.0	240-212357-B-14	Soil jar 2oz - clear glass				
T625-E-0.0	240-212357-C-14	Soil jar 4oz - clear glass				
T625-E-0.0	240-212357-D-14	Soil jar 4oz - clear glass				
T625-E-0.0	240-212357-E-14	Soil jar 4oz - clear glass				
T625-E-0.0	240-212357-F-14	Soil jar 4oz - clear glass				
T625-E-0.0	240-212357-G-14	Soil jar 4oz - clear glass				
DUP-2-20241003	240-212357-A-15	SnapCap 1/2 ounce unpreserved				
DUP-2-20241003	240-212357-B-15	Soil jar 2oz - clear glass				
DUP-2-20241003	240-212357-C-15	Soil jar 4oz - clear glass				
DUP-2-20241003	240-212357-D-15	Soil jar 4oz - clear glass				
DUP-2-20241003	240-212357-E-15	Soil jar 4oz - clear glass				
DUP-2-20241003	240-212357-F-15	Soil jar 4oz - clear glass				
DUP-2-20241003	240-212357-G-15	Soil jar 4oz - clear glass				
TB-2-20241003	240-212357-A-16	Voa Vial 40ml - Hydrochloric Acid				

Eurofins Cleveland
180 S. Van Buren Avenue
Barberton, OH 44203
Phone: 330-497-9396 Fax: 330-497-0772

Chain of Custody Record

eurofins | Environment Testing

Client Information (Sub Contract Lab)	Sampler:	Lab PM: Kalis, Nicole A	Carrier Tracking No(s):	COC No: 240-191633.1
Client Contact: Shipping/Receiving	Phone:	E-Mail: Nicole.Kalis@et.eurofinsus.com	State of Origin: Ohio	Page: Page 1 of 2
Company: Eurofins Lancaster Laboratories Environm		Accreditations Required (See note):		Job #: 240-212357-2
Address: 2425 New Holland Pike, ,	Due Date Requested: 10/10/2024	Analysis Requested		Preservation Codes: -
City: Lancaster	TAT Requested (days):			
State, Zip: PA, 17601				
Phone: 717-656-2300(Tel)	PO #:			
Email:	WO #:			
Project Name: MSC Canfield - Soil	Project #: 24033889			Other:
Site:	SSOW#:			

Sample Identification - Client ID (Lab ID)	Sample Date	Sample Time	Sample Type (C=Comp, G=grab)	Matrix (W=water, S=solid, O=waste/oil, BT=Tissue, A=Air)	Field Filtered Sample (Yes or No)	Perform MS/MSD (Yes or No)	1677_Free/ASTM_LEACH_NP Cyanide, Free	7196A/3060A Chromium, Hexavalent	Total Number of containers	Special Instructions/Note:
		Preservation Code:								
T125-C-0.0 (240-212357-1)	10/3/24	09:30 Eastern	G	Solid			X	X	2	Use caution! Site contaminated with solvent waste
T250-E-0.0 (240-212357-2)	10/3/24	09:45 Eastern	G	Solid			X	X	2	Use caution! Site contaminated with solvent waste
T250-W-0.0 (240-212357-3)	10/3/24	09:40 Eastern	G	Solid			X	X	2	Use caution! Site contaminated with solvent waste
T250-C-0.0 (240-212357-4)	10/3/24	10:00 Eastern	G	Solid			X	X	2	Use caution! Site contaminated with solvent waste
T375-E-0.0 (240-212357-5)	10/3/24	10:20 Eastern	G	Solid			X	X	2	Use caution! Site contaminated with solvent waste
T375-W-0.0 (240-212357-6)	10/3/24	10:25 Eastern	G	Solid			X	X	2	Use caution! Site contaminated with solvent waste
T500-E-0.0 (240-212357-7)	10/3/24	10:30 Eastern	G	Solid			X	X	2	Use caution! Site contaminated with solvent waste
T500-W-0.0 (240-212357-8)	10/3/24	10:35 Eastern	G	Solid			X	X	2	Use caution! Site contaminated with solvent waste
DUP-1-20241003 (240-212357-9)	10/3/24	Eastern	G	Solid			X	X	2	Use caution! Site contaminated with solvent waste

Note: Since laboratory accreditations are subject to change, Eurofins Environment Testing North Central, LLC places the ownership of method, analyte & accreditation compliance upon our subcontract laboratories. This sample shipment is forwarded under chain-of-custody. If the laboratory does not currently maintain accreditation in the State of Origin listed above for analysis/tests/matrix being analyzed, the samples must be shipped back to the Eurofins Environment Testing North Central, LLC laboratory or other instructions will be provided. Any changes to accreditation status should be brought to Eurofins Environment Testing North Central, LLC attention immediately. If all requested accreditations are current to date, return the signed Chain of Custody attesting to said compliance to Eurofins Environment Testing North Central, LLC.

Possible Hazard Identification	*Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)*
Unconfirmed	☐ *Return To Client* ☐ *Disposal By Lab* ☐ *Archive For* _____ *Months*
Deliverable Requested: I, II, III, IV, Other (specify) Primary Deliverable Rank: 2	Special Instructions/QC Requirements:

Empty Kit Relinquished by:	Date:	Time:	Method of Shipment:

Relinquished by: MALISSA LOAR	Date/Time: 10-4-24	Company	Received by:	Date/Time:	Company
Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company
Relinquished by:	Date/Time:	Company	Received by:	Date/Time: 10/5/24 10:00	Company ELAT

Custody Seals Intact: Δ Yes Δ No	Custody Seal No.:	Cooler Temperature(s) °C and Other Remarks: 4.6/4.3 2.7/2.4

Ver: 05/06/2024

Eurofins Cleveland
180 S. Van Buren Avenue
Barberton, OH 44203
Phone: 330-497-9396 Fax: 330-497-0772

Chain of Custody Record

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Client Information (Sub Contract Lab)	Sampler:	Lab PM: Kalis, Nicole A	Carrier Tracking No(s):	COC No: 240-191633.2
Client Contact: Shipping/Receiving	Phone:	E-Mail: Nicole.Kalis@et.eurofinsus.com	State of Origin: Ohio	Page: Page 2 of 2
Company: Eurofins Lancaster Laboratories Environm		Accreditations Required (See note):		Job #: 240-212357-2
Address: 2425 New Holland Pike, ,	Due Date Requested: 10/10/2024			Preservation Codes: -
City: Lancaster	TAT Requested (days):			
State, Zip: PA, 17601				
Phone: 717-656-2300(Tel)	PO #:			
Email:	WO #:			
Project Name: MSC Canfield - Soil	Project #: 24033889			Other:
Site:	SSOW#:			

Analysis Requested

Sample Identification - Client ID (Lab ID)	Sample Date	Sample Time	Sample Type (C=comp, G=grab)	Matrix (W=water, S=solid, O=waste/oil, BT=Tissue, A=Air)	Field Filtered Sample (Yes or No)	Perform MS/MSD (Yes or No)	1677_Free/ASTM_LEACH_NP Cyanide, Free	7196A/3060A Chromium, Hexavalent	Total Number of containers	Special Instructions/Note:
			Preservation Code:							
T625-W-0.0 (240-212357-10)	10/3/24	10:45 Eastern	G	Solid			X	X	2	Use caution! Site contaminated with solvent waste
T625-C-0.0 (240-212357-11)	10/3/24	10:50 Eastern	G	Solid			X	X	2	Use caution! Site contaminated with solvent waste
T750-E-0.0 (240-212357-12)	10/3/24	11:05 Eastern	G	Solid			X	X	2	Use caution! Site contaminated with solvent waste
T750-W-0.0 (240-212357-13)	10/3/24	11:10 Eastern	G	Solid			X	X	2	Use caution! Site contaminated with solvent waste
T625-E-0.0 (240-212357-14)	10/3/24	10:40 Eastern	G	Solid			X	X	2	Use caution! Site contaminated with solvent waste
T625-E-0.0 (240-212357-14MS)	10/3/24	10:40 Eastern	G	Solid			X	X	2	Use caution! Site contaminated with solvent waste
T625-E-0.0 (240-212357-14MSD)	10/3/24	10:40 Eastern	G	Solid			X	X	2	Use caution! Site contaminated with solvent waste
DUP-2-20241003 (240-212357-15)	10/3/24	Eastern	G	Solid			X	X	2	Use caution! Site contaminated with solvent waste

Note: Since laboratory accreditations are subject to change, Eurofins Environment Testing North Central, LLC places the ownership of method, analyte & accreditation compliance upon our subcontract laboratories. This sample shipment is forwarded under chain-of-custody. If the laboratory does not currently maintain accreditation in the State of Origin listed above for analysis/tests/matrix being analyzed, the samples must be shipped back to the Eurofins Environment Testing North Central, LLC laboratory or other instructions will be provided. Any changes to accreditation status should be brought to Eurofins Environment Testing North Central, LLC attention immediately. If all requested accreditations are current to date, return the signed Chain of Custody attesting to said compliance to Eurofins Environment Testing North Central, LLC.

Possible Hazard Identification	*Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)*
Unconfirmed	☐ *Return To Client* ☐ *Disposal By Lab* ☐ *Archive For* _____ *Months*
Deliverable Requested: I, II, III, IV, Other (specify) Primary Deliverable Rank: 2	Special Instructions/QC Requirements:

Empty Kit Relinquished by:	Date:	Time:	Method of Shipment:

Relinquished by:	Date/Time: 10-2-24	Company	Received by:	Date/Time:	Company
Relinquished by: MELISSA LOAR	Date/Time:	Company	Received by:	Date/Time:	Company
Relinquished by:	Date/Time:	Company	Received by:	Date/Time: 10/5/24 10:00	Company ECLET

Custody Seals Intact: ∆ Yes ∆ No	Custody Seal No.:	Cooler Temperature(s) °C and Other Remarks: 4.6/4.3 2.7/2.4

Ver: 05/06/2024

Eurofins Cleveland
180 S. Van Buren Avenue
Barberton, OH 44203
Phone: 330-497-9396 Fax: 330-497-0772

Chain of Custody Record

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Client Information (Sub Contract Lab)	Sampler:	Lab PM: Kalis, Nicole A	Carrier Tracking No(s):	COC No: 240-191633.1
Client Contact: Shipping/Receiving	Phone:	E-Mail: Nicole.Kalis@et.eurofinsus.com	State of Origin: Ohio	Page: Page 1 of 1
Company: Eurofins Lancaster Laboratories Environm		Accreditations Required (See note):		Job #: 240-212357-1
Address: 2425 New Holland Pike,	Due Date Requested: 10/8/2024	Analysis Requested		Preservation Codes: -
City: Lancaster	TAT Requested (days):			
State, Zip: PA, 17601				
Phone: 717-656-2300(Tel)	PO #:			
Email:	WO #:			
Project Name: MSC Canfield - Soil	Project #: 24033889			
Site:	SSOW#:			Other:

Sample Identification - Client ID (Lab ID)	Sample Date	Sample Time	Sample Type (C=Comp, G=grab)	Matrix (W=water, S=solid, O=waste/oil, BT=Tissue, A=Air)	Field Filtered Sample (Yes or No)	Perform MS/MSD (Yes or No)	7196A/3060A Chromium, Hexavalent	Total Number of containers	Special Instructions/Note:
			Preservation Code:						
T625-E-0.0 (240-212357-14MSI)	10/3/24	10:40 Eastern	G	Solid			X	1	Use caution! Site contaminated with solvent waste
T625-E-0.0 (240-212357-14MSS)	10/3/24	10:40 Eastern	G	Solid			X	1	Use caution! Site contaminated with solvent waste

Note: Since laboratory accreditations are subject to change, Eurofins Environment Testing North Central, LLC places the ownership of method, analyte & accreditation compliance upon our subcontract laboratories. This sample shipment is forwarded under chain-of-custody. If the laboratory does not currently maintain accreditation in the State of Origin listed above for analysis/tests/matrix being analyzed, the samples must be shipped back to the Eurofins Environment Testing North Central, LLC laboratory or other instructions will be provided. Any changes to accreditation status should be brought to Eurofins Environment Testing North Central, LLC attention immediately. If all requested accreditations are current to date, return the signed Chain of Custody attesting to said compliance to Eurofins Environment Testing North Central, LLC.

Possible Hazard Identification	*Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)*
Unconfirmed	☐ *Return To Client* ☐ *Disposal By Lab* ☐ *Archive For* ____ *Months*
Deliverable Requested: I, II, III, IV, Other (specify) Primary Deliverable Rank: 2	Special Instructions/QC Requirements:

Empty Kit Relinquished by:	Date:	Time:	Method of Shipment:		
Relinquished MALISSA LOAR	Date/Time: 10-4-24	Company	Received by:	Date/Time:	Company
Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company
Relinquished by:	Date/Time:	Company	Received by:	Date/Time: 10/5/24 10:00	Company ECLET
Custody Seals Intact: Δ Yes Δ No	Custody Seal No.:		Cooler Temperature(s) °C and Other Remarks: 4.1/4.3 2.7/2.4		

Login Sample Receipt Checklist

Client: August Mack Environmental, Inc. Job Number: 240-212357-2

Login Number: 212357 **List Source: Eurofins Lancaster Laboratories Environment Testing, LLC**
List Number: 2 **List Creation: 10/05/24 02:56 PM**
Creator: McCaskey, Jonathan

Question	Answer	Comment
The cooler's custody seal is intact.	N/A	
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	True	
Cooler Temperature acceptable,where thermal pres is required(</=6C, not frozen).	True	
Cooler Temperature is recorded.	True	
WV:Container Temp acceptable,where thermal pres is required (</=6C, not frozen).	N/A	
WV: Container Temperature is recorded.	N/A	
COC is present.	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information.	True	
There are no discrepancies between the containers received and the COC.	True	
Sample containers have legible labels.	True	
Containers are not broken or leaking.	True	
Sample collection date/times are provided.	True	
Appropriate sample containers are used.	True	
Sample bottles are completely filled.	True	
There is sufficient vol. for all requested analyses.	True	
Is the Field Sampler's name present on COC?	False	Received project as a subcontract.
Sample custody seals are intact.	N/A	
VOA sample vials do not have headspace >6mm in diameter (none, if from WV)?	N/A	

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ANALYTICAL REPORT

PREPARED FOR

Attn: Kain Lager-Lowe
August Mack Environmental, Inc.
7830 North Central Drive, Suite B
Lewis Center, Ohio 43035

Generated 10/11/2024 2:17:52 PM

JOB DESCRIPTION

MSC Canfield - Surface Water

JOB NUMBER

240-212555-1

Eurofins Cleveland
180 S. Van Buren Avenue
Barberton OH 44203

See page two for job notes and contact information.

Job Notes

This report may not be reproduced except in full, and with written approval from the laboratory. The results relate only to the samples tested. For questions please contact the Project Manager at the e-mail address or telephone number listed on this page.

The test results in this report relate only to the samples as received by the laboratory and will meet all requirements of the methodology, with any exceptions noted. This report shall not be reproduced except in full, without the express written approval of the laboratory. All questions should be directed to the Eurofins Environment Testing North Central, LLC Project Manager.

Authorization



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10/11/2024 2:17:52 PM

Authorized for release by
Nicole Kalis, Project Manager I
Nicole.Kalis@et.eurofinsus.com
(330)497-9396

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Definitions/Glossary

Client: August Mack Environmental, Inc.
Job ID: 240-212555-1
Project/Site: MSC Canfield - Surface Water

Qualifiers

GC/MS VOA

Qualifier	Qualifier Description
J	Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.

GC/MS Semi VOA

Qualifier	Qualifier Description
J	Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.
S1-	Surrogate recovery exceeds control limits, low biased.

GC Semi VOA

Qualifier	Qualifier Description
S1-	Surrogate recovery exceeds control limits, low biased.

Metals

Qualifier	Qualifier Description
J	Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.

General Chemistry

Qualifier	Qualifier Description
J	Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.

Glossary

Abbreviation	These commonly used abbreviations may or may not be present in this report.
☼	Listed under the "D" column to designate that the result is reported on a dry weight basis
%R	Percent Recovery
CFL	Contains Free Liquid
CFU	Colony Forming Unit
CNF	Contains No Free Liquid
DER	Duplicate Error Ratio (normalized absolute difference)
Dil Fac	Dilution Factor
DL	Detection Limit (DoD/DOE)
DL, RA, RE, IN	Indicates a Dilution, Re-analysis, Re-extraction, or additional Initial metals/anion analysis of the sample
DLC	Decision Level Concentration (Radiochemistry)
EDL	Estimated Detection Limit (Dioxin)
LOD	Limit of Detection (DoD/DOE)
LOQ	Limit of Quantitation (DoD/DOE)
MCL	EPA recommended "Maximum Contaminant Level"
MDA	Minimum Detectable Activity (Radiochemistry)
MDC	Minimum Detectable Concentration (Radiochemistry)
MDL	Method Detection Limit
ML	Minimum Level (Dioxin)
MPN	Most Probable Number
MQL	Method Quantitation Limit
NC	Not Calculated
ND	Not Detected at the reporting limit (or MDL or EDL if shown)
NEG	Negative / Absent
POS	Positive / Present
PQL	Practical Quantitation Limit
PRES	Presumptive
QC	Quality Control
RER	Relative Error Ratio (Radiochemistry)
RL	Reporting Limit or Requested Limit (Radiochemistry)
RPD	Relative Percent Difference, a measure of the relative difference between two points
TEF	Toxicity Equivalent Factor (Dioxin)
TEQ	Toxicity Equivalent Quotient (Dioxin)
TNTC	Too Numerous To Count

Job ID: 240-212555-1 Eurofins Cleveland

Job Narrative
240-212555-1

Analytical test results meet all requirements of the associated regulatory program listed on the Accreditation/Certification Summary Page unless otherwise noted under the individual analysis. Data qualifiers and/or narrative comments are included to explain any exceptions, if applicable.

- Matrix QC may not be reported if insufficient sample is provided or site-specific QC samples were not submitted. In these situations, to demonstrate precision and accuracy at a batch level, a LCS/LCSD may be performed, unless otherwise specified in the method.
- Surrogate and/or isotope dilution analyte recoveries (if applicable) which are outside of the QC window are confirmed unless attributed to a dilution or otherwise noted in the narrative.

Regulated compliance samples (e.g. SDWA, NPDES) must comply with the associated agency requirements/permits.

Receipt
The samples were received on 10/7/2024 1:00 PM. Unless otherwise noted below, the samples arrived in good condition, and, where required, properly preserved and on ice. The temperatures of the 2 coolers at receipt time were 3.6°C and 5.3°C.

GC/MS VOA
Method 8260D: The following volatiles sample was diluted due to foaming at the time of purging during the original sample analysis: T500-C-SW (240-212555-2). Elevated reporting limits (RLs) are provided.

Method 8260D: The following sample(s) was collected in a properly preserved vial; however, the pH was outside the required criteria when verified by the laboratory. The sample was analyzed within the 7-day holding time specified for unpreserved samples: T500-C-SW (240-212555-2).

Method 8260D: The continuing calibration verification (CCV) analyzed in batch 240-630020 was outside the method criteria for the following analyte(s): Carbon disulfide. A CCV standard at or below the reporting limit (RL) was analyzed with the affected samples and found to be acceptable. As indicated in the reference method, sample analysis may proceed; however, any detection for the affected analyte(s) is considered estimated.

No additional analytical or quality issues were noted, other than those described above or in the Definitions/ Glossary page.

GC/MS Semi VOA
Method 8270E: Several surrogate recoveries for the following sample were outside control limits: T500-C-SW (240-212555-2). Re-extraction and re-analysis was performed and surrogate recoveries were again outside control limits demonstrating matrix interference. The initial results have been reported.

No additional analytical or quality issues were noted, other than those described above or in the Definitions/ Glossary page.

PCBs
Method 8082A: An incorrect volume of spiking solution was inadvertently added to the laboratory control sample (LCS) associated with preparation batch 240-629884 and analytical batch 240-630002. Percent recoveries are based on the amount spiked.

Method 8082A: Surrogate recovery for the following sample was outside control limits: T500-C-SW (240-212555-2). Re-extraction and/or re-analysis was performed and surrogate recovery was outside control limits. The original data has been reported.

No additional analytical or quality issues were noted, other than those described above or in the Definitions/ Glossary page.

Metals
Method 6010D - Total Recoverable: The following sample was diluted due to the nature of the sample matrix: T500-C-SW (240-212555-2). Elevated reporting limits (RLs) are provided.

No additional analytical or quality issues were noted, other than those described above or in the Definitions/ Glossary page.

General Chemistry
Method 7196A: The following sample was diluted due to the nature of the sample matrix: T500-C-SW (240-212555-2). Elevated reporting limits (RLs) are provided.

Job ID: 240-212555-1 (Continued) Eurofins Cleveland

Method 9012B: The following sample was diluted due to the nature of the sample matrix: RB-1-20241007 (240-212555-1). Elevated reporting limits (RLs) are provided.

No additional analytical or quality issues were noted, other than those described above or in the Definitions/ Glossary page.

Method Summary

Client: August Mack Environmental, Inc.
Project/Site: MSC Canfield - Surface Water

Job ID: 240-212555-1

Method	Method Description	Protocol	Laboratory
8260D	Volatile Organic Compounds by GC/MS	SW846	EET CLE
8270E	Semivolatile Organic Compounds (GC/MS)	SW846	EET CLE
8082A	Polychlorinated Biphenyls (PCBs) by Gas Chromatography	SW846	EET CLE
6010D	Metals (ICP)	SW846	EET CLE
7470A	Mercury (CVAA)	SW846	EET CLE
7196A	Chromium, Hexavalent	SW846	EET CLE
9012B	Cyanide, Total andor Amenable	SW846	EET CLE
OIA-1677	Cyanide, Free (Flow Injection)	OI CORP	ELLE
3005A	Preparation, Total Recoverable or Dissolved Metals	SW846	EET CLE
3510C	Liquid-Liquid Extraction (Separatory Funnel)	SW846	EET CLE
3510C LVI	Liquid-Liquid Extraction (Separatory Funnel) LVI	SW846	EET CLE
5030C	Purge and Trap	SW846	EET CLE
7470A	Preparation, Mercury	SW846	EET CLE
9012B	Cyanide, Total and/or Amenable, Distillation	SW846	EET CLE
Filtration	Sample Filtration	None	EET CLE

Protocol References:

None = None

OI CORP = OI Corporation Instrument Manual.

SW846 = "Test Methods For Evaluating Solid Waste, Physical/Chemical Methods", Third Edition, November 1986 And Its Updates.

Laboratory References:

EET CLE = Eurofins Cleveland, 180 S. Van Buren Avenue, Barberton, OH 44203, TEL (330)497-9396

ELLE = Eurofins Lancaster Laboratories Environment Testing, LLC, 2425 New Holland Pike, Lancaster, PA 17601, TEL (717)656-2300

Sample Summary

Client: August Mack Environmental, Inc.
Project/Site: MSC Canfield - Surface Water

Job ID: 240-212555-1

Lab Sample ID	Client Sample ID	Matrix	Collected	Received
240-212555-1	RB-1-20241007	Water	10/07/24 09:15	10/07/24 13:00
240-212555-2	T500-C-SW	Water	10/07/24 10:30	10/07/24 13:00
240-212555-3	T375-C-SW	Water	10/07/24 11:30	10/07/24 13:00
240-212555-4	SW-DUP-1-20241007	Water	10/07/24 00:00	10/07/24 13:00
240-212555-5	TRIP BLANK	Water	10/07/24 00:00	10/07/24 13:00

Detection Summary

Client: August Mack Environmental, Inc.
Project/Site: MSC Canfield - Surface Water

Job ID: 240-212555-1

Client Sample ID: RB-1-20241007 — Lab Sample ID: 240-212555-1

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
2-Butanone (MEK)	3.3	J	10	1.2	ug/L	1		8260D	Total/NA
Acetone	8.7	J	10	5.4	ug/L	1		8260D	Total/NA
Toluene	0.82	J	1.0	0.44	ug/L	1		8260D	Total/NA
Phenol	0.63	J	1.0	0.40	ug/L	1		8270E	Total/NA

Client Sample ID: T500-C-SW — Lab Sample ID: 240-212555-2

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
2-Butanone (MEK)	6.8	J	50	5.8	ug/L	5		8260D	Total/NA
Acetone	32	J	50	27	ug/L	5		8260D	Total/NA
Benzo[a]anthracene	0.25		0.20	0.068	ug/L	1		8270E	Total/NA
Benzo[a]pyrene	0.24		0.20	0.17	ug/L	1		8270E	Total/NA
Benzo[b]fluoranthene	0.43		0.20	0.15	ug/L	1		8270E	Total/NA
Benzo[g,h,i]perylene	0.21		0.20	0.18	ug/L	1		8270E	Total/NA
Benzo[k]fluoranthene	0.16	J	0.20	0.14	ug/L	1		8270E	Total/NA
Chrysene	0.34		0.20	0.066	ug/L	1		8270E	Total/NA
Fluoranthene	0.55		0.20	0.16	ug/L	1		8270E	Total/NA
Indeno[1,2,3-cd]pyrene	0.16	J	0.20	0.14	ug/L	1		8270E	Total/NA
Phenanthrene	0.22		0.20	0.080	ug/L	1		8270E	Total/NA
Pyrene	0.47		0.20	0.083	ug/L	1		8270E	Total/NA
Arsenic	600		75	20	ug/L	5		6010D	Total Recoverable
Barium	1800		200	1.3	ug/L	1		6010D	Total Recoverable
Cadmium	6.7	J	25	2.3	ug/L	5		6010D	Total Recoverable
Chromium	620		10	0.76	ug/L	1		6010D	Total Recoverable
Copper	710		130	18	ug/L	5		6010D	Total Recoverable
Lead	730		50	14	ug/L	5		6010D	Total Recoverable
Selenium	51	J	100	30	ug/L	5		6010D	Total Recoverable
Zinc	69000		250	110	ug/L	5		6010D	Total Recoverable
Arsenic	210		15	4.1	ug/L	1		6010D	Dissolved
Barium	650		200	1.3	ug/L	1		6010D	Dissolved
Cadmium	2.3	J	5.0	0.45	ug/L	1		6010D	Dissolved
Chromium	250		10	0.76	ug/L	1		6010D	Dissolved
Copper	310		25	3.5	ug/L	1		6010D	Dissolved
Lead	210		10	2.8	ug/L	1		6010D	Dissolved
Selenium	16	J	20	6.0	ug/L	1		6010D	Dissolved
Zinc	19000		50	23	ug/L	1		6010D	Dissolved
Mercury	1.2		0.20	0.13	ug/L	1		7470A	Total/NA
Mercury	0.52		0.20	0.13	ug/L	1		7470A	Dissolved
Chromium, hexavalent	0.49	J	1.0	0.35	mg/L	50		7196A	Total/NA
Cyanide, Total	2.0		0.50	0.30	mg/L	50		9012B	Total/NA
Cyanide, Free	0.094		0.0060	0.0050	mg/L	1		OIA-1677	Total/NA

Client Sample ID: T375-C-SW — Lab Sample ID: 240-212555-3

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Pyrene	0.14	J	0.22	0.090	ug/L	1		8270E	Total/NA

This Detection Summary does not include radiochemical test results.

Eurofins Cleveland

Client Sample ID: T375-C-SW (Continued)

Lab Sample ID: 240-212555-3

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Arsenic	9.0	J	15	4.1	ug/L	1		6010D	Total Recoverable
Barium	28	J	200	1.3	ug/L	1		6010D	Total Recoverable
Chromium	4.1	J	10	0.76	ug/L	1		6010D	Total Recoverable
Copper	11	J	25	3.5	ug/L	1		6010D	Total Recoverable
Zinc	830		50	23	ug/L	1		6010D	Total Recoverable
Arsenic	5.7	J	15	4.1	ug/L	1		6010D	Dissolved
Barium	24	J	200	1.3	ug/L	1		6010D	Dissolved
Chromium	2.5	J	10	0.76	ug/L	1		6010D	Dissolved
Copper	8.6	J	25	3.5	ug/L	1		6010D	Dissolved
Zinc	230		50	23	ug/L	1		6010D	Dissolved
Cyanide, Total	0.48	J	0.50	0.30	mg/L	50		9012B	Total/NA
Cyanide, Free	0.021		0.0060	0.0050	mg/L	1		OIA-1677	Total/NA

Client Sample ID: SW-DUP-1-20241007

Lab Sample ID: 240-212555-4

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Benzo[a]anthracene	0.34		0.19	0.065	ug/L	1		8270E	Total/NA
Benzo[a]pyrene	0.58		0.19	0.17	ug/L	1		8270E	Total/NA
Benzo[b]fluoranthene	1.3		0.19	0.15	ug/L	1		8270E	Total/NA
Benzo[g,h,i]perylene	0.74		0.19	0.17	ug/L	1		8270E	Total/NA
Benzo[k]fluoranthene	0.41		0.19	0.13	ug/L	1		8270E	Total/NA
Bis(2-ethylhexyl) phthalate	2.1	J	4.8	2.1	ug/L	1		8270E	Total/NA
Chrysene	0.71		0.19	0.063	ug/L	1		8270E	Total/NA
Fluoranthene	1.1		0.19	0.15	ug/L	1		8270E	Total/NA
Indeno[1,2,3-cd]pyrene	0.54		0.19	0.13	ug/L	1		8270E	Total/NA
Phenanthrene	0.31		0.19	0.077	ug/L	1		8270E	Total/NA
Pyrene	0.92		0.19	0.080	ug/L	1		8270E	Total/NA
3 & 4 Methylphenol	0.30	J	1.9	0.18	ug/L	1		8270E	Total/NA
Arsenic	51		15	4.1	ug/L	1		6010D	Total Recoverable
Barium	150	J	200	1.3	ug/L	1		6010D	Total Recoverable
Cadmium	0.72	J	5.0	0.45	ug/L	1		6010D	Total Recoverable
Chromium	140		10	0.76	ug/L	1		6010D	Total Recoverable
Copper	110		25	3.5	ug/L	1		6010D	Total Recoverable
Lead	58		10	2.8	ug/L	1		6010D	Total Recoverable
Selenium	17	J	20	6.0	ug/L	1		6010D	Total Recoverable
Zinc	28000		50	23	ug/L	1		6010D	Total Recoverable
Arsenic	8.8	J	15	4.1	ug/L	1		6010D	Dissolved
Barium	27	J	200	1.3	ug/L	1		6010D	Dissolved
Chromium	5.0	J	10	0.76	ug/L	1		6010D	Dissolved
Copper	11	J	25	3.5	ug/L	1		6010D	Dissolved
Lead	3.2	J	10	2.8	ug/L	1		6010D	Dissolved
Zinc	970		50	23	ug/L	1		6010D	Dissolved

This Detection Summary does not include radiochemical test results.

Client Sample ID: SW-DUP-1-20241007 (Continued)
Lab Sample ID: 240-212555-4

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Cyanide, Total	4.9		0.50	0.30	mg/L	50		9012B	Total/NA
Cyanide, Free	0.083		0.0060	0.0050	mg/L	1		OIA-1677	Total/NA

Client Sample ID: TRIP BLANK
Lab Sample ID: 240-212555-5

No Detections.

This Detection Summary does not include radiochemical test results.

Client: August Mack Environmental, Inc.
Project/Site: MSC Canfield - Surface Water

Job ID: 240-212555-1

Client Sample ID: RB-1-20241007
Date Collected: 10/07/24 09:15
Date Received: 10/07/24 13:00

Lab Sample ID: 240-212555-1
Matrix: Water

Method: SW846 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		1.0	0.48	ug/L			10/08/24 21:09	1
1,1,2,2-Tetrachloroethane	ND		1.0	0.60	ug/L			10/08/24 21:09	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		1.0	0.41	ug/L			10/08/24 21:09	1
1,1,2-Trichloroethane	ND		1.0	0.48	ug/L			10/08/24 21:09	1
1,1-Dichloroethane	ND		1.0	0.47	ug/L			10/08/24 21:09	1
1,1-Dichloroethene	ND		1.0	0.49	ug/L			10/08/24 21:09	1
1,2,4-Trichlorobenzene	ND		1.0	0.77	ug/L			10/08/24 21:09	1
1,2-Dibromo-3-Chloropropane	ND		2.0	0.91	ug/L			10/08/24 21:09	1
Ethylene Dibromide	ND		1.0	0.41	ug/L			10/08/24 21:09	1
1,2-Dichlorobenzene	ND		1.0	0.48	ug/L			10/08/24 21:09	1
1,2-Dichloroethane	ND		1.0	0.46	ug/L			10/08/24 21:09	1
1,2-Dichloropropane	ND		1.0	0.47	ug/L			10/08/24 21:09	1
1,3-Dichlorobenzene	ND		1.0	0.45	ug/L			10/08/24 21:09	1
1,4-Dichlorobenzene	ND		1.0	0.41	ug/L			10/08/24 21:09	1
2-Butanone (MEK)	**3.3**	**J**	10	1.2	ug/L			10/08/24 21:09	1
2-Hexanone	ND		10	1.1	ug/L			10/08/24 21:09	1
4-Methyl-2-pentanone (MIBK)	ND		10	0.99	ug/L			10/08/24 21:09	1
Acetone	**8.7**	**J**	10	5.4	ug/L			10/08/24 21:09	1
Benzene	ND		1.0	0.42	ug/L			10/08/24 21:09	1
Dichlorobromomethane	ND		1.0	0.38	ug/L			10/08/24 21:09	1
Bromoform	ND		1.0	0.76	ug/L			10/08/24 21:09	1
Bromomethane	ND		1.0	0.42	ug/L			10/08/24 21:09	1
Carbon disulfide	ND		1.0	0.59	ug/L			10/08/24 21:09	1
Carbon tetrachloride	ND		1.0	0.26	ug/L			10/08/24 21:09	1
Chlorobenzene	ND		1.0	0.38	ug/L			10/08/24 21:09	1
Chloroethane	ND		1.0	0.83	ug/L			10/08/24 21:09	1
Chloroform	ND		1.0	0.47	ug/L			10/08/24 21:09	1
Chloromethane	ND		1.0	0.63	ug/L			10/08/24 21:09	1
cis-1,2-Dichloroethene	ND		1.0	0.46	ug/L			10/08/24 21:09	1
cis-1,3-Dichloropropene	ND		1.0	0.61	ug/L			10/08/24 21:09	1
Cyclohexane	ND		1.0	0.48	ug/L			10/08/24 21:09	1
Chlorodibromomethane	ND		1.0	0.39	ug/L			10/08/24 21:09	1
Dichlorodifluoromethane	ND		1.0	0.35	ug/L			10/08/24 21:09	1
Ethylbenzene	ND		1.0	0.42	ug/L			10/08/24 21:09	1
Isopropylbenzene	ND		1.0	0.49	ug/L			10/08/24 21:09	1
Methyl acetate	ND		10	1.7	ug/L			10/08/24 21:09	1
Methyl tert-butyl ether	ND		1.0	0.47	ug/L			10/08/24 21:09	1
Methylcyclohexane	ND		1.0	0.33	ug/L			10/08/24 21:09	1
Methylene Chloride	ND		5.0	2.6	ug/L			10/08/24 21:09	1
Styrene	ND		1.0	0.45	ug/L			10/08/24 21:09	1
Tetrachloroethene	ND		1.0	0.44	ug/L			10/08/24 21:09	1
Toluene	**0.82**	**J**	1.0	0.44	ug/L			10/08/24 21:09	1
trans-1,2-Dichloroethene	ND		1.0	0.51	ug/L			10/08/24 21:09	1
trans-1,3-Dichloropropene	ND		1.0	0.67	ug/L			10/08/24 21:09	1
Trichloroethene	ND		1.0	0.44	ug/L			10/08/24 21:09	1
Trichlorofluoromethane	ND		1.0	0.45	ug/L			10/08/24 21:09	1
Vinyl chloride	ND		1.0	0.45	ug/L			10/08/24 21:09	1
Xylenes, Total	ND		2.0	0.42	ug/L			10/08/24 21:09	1

Client: August Mack Environmental, Inc.
Project/Site: MSC Canfield - Surface Water

Job ID: 240-212555-1

Client Sample ID: RB-1-20241007
Date Collected: 10/07/24 09:15
Date Received: 10/07/24 13:00

Lab Sample ID: 240-212555-1
Matrix: Water

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
Toluene-d8 (Surr)	*104*		*78 - 122*		*10/08/24 21:09*	*1*
Dibromofluoromethane (Surr)	*98*		*73 - 120*		*10/08/24 21:09*	*1*
4-Bromofluorobenzene (Surr)	*102*		*56 - 136*		*10/08/24 21:09*	*1*
1,2-Dichloroethane-d4 (Surr)	*108*		*62 - 137*		*10/08/24 21:09*	*1*

Method: SW846 8270E - Semivolatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1'-Biphenyl	ND		1.0	0.49	ug/L		10/08/24 08:33	10/09/24 10:52	1
bis (2-chloroisopropyl) ether	ND		1.0	0.24	ug/L		10/08/24 08:33	10/09/24 10:52	1
2,4,5-Trichlorophenol	ND		5.0	2.0	ug/L		10/08/24 08:33	10/09/24 10:52	1
2,4,6-Trichlorophenol	ND		5.0	1.8	ug/L		10/08/24 08:33	10/09/24 10:52	1
2,4-Dichlorophenol	ND		2.0	0.26	ug/L		10/08/24 08:33	10/09/24 10:52	1
2,4-Dimethylphenol	ND		2.0	0.25	ug/L		10/08/24 08:33	10/09/24 10:52	1
2,4-Dinitrophenol	ND		10	2.6	ug/L		10/08/24 08:33	10/09/24 10:52	1
2,4-Dinitrotoluene	ND		5.0	2.1	ug/L		10/08/24 08:33	10/09/24 10:52	1
2,6-Dinitrotoluene	ND		5.0	1.1	ug/L		10/08/24 08:33	10/09/24 10:52	1
2-Chloronaphthalene	ND		1.0	0.23	ug/L		10/08/24 08:33	10/09/24 10:52	1
2-Chlorophenol	ND		1.0	0.27	ug/L		10/08/24 08:33	10/09/24 10:52	1
2-Methylnaphthalene	ND		0.20	0.11	ug/L		10/08/24 08:33	10/09/24 10:52	1
2-Methylphenol	ND		1.0	0.21	ug/L		10/08/24 08:33	10/09/24 10:52	1
2-Nitroaniline	ND		2.0	0.51	ug/L		10/08/24 08:33	10/09/24 10:52	1
2-Nitrophenol	ND		2.0	0.56	ug/L		10/08/24 08:33	10/09/24 10:52	1
3,3'-Dichlorobenzidine	ND		5.0	1.2	ug/L		10/08/24 08:33	10/09/24 10:52	1
3-Nitroaniline	ND		2.0	0.57	ug/L		10/08/24 08:33	10/09/24 10:52	1
4,6-Dinitro-2-methylphenol	ND		5.0	2.8	ug/L		10/08/24 08:33	10/09/24 10:52	1
4-Bromophenyl phenyl ether	ND		2.0	0.50	ug/L		10/08/24 08:33	10/09/24 10:52	1
4-Chloro-3-methylphenol	ND		2.0	0.30	ug/L		10/08/24 08:33	10/09/24 10:52	1
4-Chloroaniline	ND		2.0	0.32	ug/L		10/08/24 08:33	10/09/24 10:52	1
4-Chlorophenyl phenyl ether	ND		2.0	0.55	ug/L		10/08/24 08:33	10/09/24 10:52	1
4-Nitroaniline	ND		2.0	0.33	ug/L		10/08/24 08:33	10/09/24 10:52	1
4-Nitrophenol	ND		10	2.2	ug/L		10/08/24 08:33	10/09/24 10:52	1
Acenaphthene	ND		0.20	0.17	ug/L		10/08/24 08:33	10/09/24 10:52	1
Acenaphthylene	ND		0.20	0.13	ug/L		10/08/24 08:33	10/09/24 10:52	1
Acetophenone	ND		1.0	0.37	ug/L		10/08/24 08:33	10/09/24 10:52	1
Anthracene	ND		0.20	0.14	ug/L		10/08/24 08:33	10/09/24 10:52	1
Atrazine	ND		2.0	0.95	ug/L		10/08/24 08:33	10/09/24 10:52	1
Benzaldehyde	ND		2.0	0.76	ug/L		10/08/24 08:33	10/09/24 10:52	1
Benzo[a]anthracene	ND		0.20	0.068	ug/L		10/08/24 08:33	10/09/24 10:52	1
Benzo[a]pyrene	ND		0.20	0.17	ug/L		10/08/24 08:33	10/09/24 10:52	1
Benzo[b]fluoranthene	ND		0.20	0.15	ug/L		10/08/24 08:33	10/09/24 10:52	1
Benzo[g,h,i]perylene	ND		0.20	0.18	ug/L		10/08/24 08:33	10/09/24 10:52	1
Benzo[k]fluoranthene	ND		0.20	0.14	ug/L		10/08/24 08:33	10/09/24 10:52	1
Bis(2-chloroethoxy)methane	ND		1.0	0.22	ug/L		10/08/24 08:33	10/09/24 10:52	1
Bis(2-chloroethyl)ether	ND		1.0	0.40	ug/L		10/08/24 08:33	10/09/24 10:52	1
Bis(2-ethylhexyl) phthalate	ND		5.0	2.2	ug/L		10/08/24 08:33	10/09/24 10:52	1
Butyl benzyl phthalate	ND		2.0	0.67	ug/L		10/08/24 08:33	10/09/24 10:52	1
Caprolactam	ND		5.0	3.8	ug/L		10/08/24 08:33	10/09/24 10:52	1
Carbazole	ND		1.0	0.49	ug/L		10/08/24 08:33	10/09/24 10:52	1
Chrysene	ND		0.20	0.066	ug/L		10/08/24 08:33	10/09/24 10:52	1
Dibenz(a,h)anthracene	ND		0.20	0.15	ug/L		10/08/24 08:33	10/09/24 10:52	1

Client Sample ID: RB-1-20241007
Date Collected: 10/07/24 09:15
Date Received: 10/07/24 13:00

Lab Sample ID: 240-212555-1
Matrix: Water

Method: SW846 8270E - Semivolatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Dibenzofuran	ND		1.0	0.27	ug/L		10/08/24 08:33	10/09/24 10:52	1
Diethyl phthalate	ND		5.0	0.41	ug/L		10/08/24 08:33	10/09/24 10:52	1
Dimethyl phthalate	ND		2.0	0.52	ug/L		10/08/24 08:33	10/09/24 10:52	1
Di-n-butyl phthalate	ND		5.0	1.8	ug/L		10/08/24 08:33	10/09/24 10:52	1
Di-n-octyl phthalate	ND		2.0	0.82	ug/L		10/08/24 08:33	10/09/24 10:52	1
Fluoranthene	ND		0.20	0.16	ug/L		10/08/24 08:33	10/09/24 10:52	1
Fluorene	ND		0.20	0.079	ug/L		10/08/24 08:33	10/09/24 10:52	1
Hexachlorobenzene	ND		0.20	0.16	ug/L		10/08/24 08:33	10/09/24 10:52	1
Hexachlorobutadiene	ND		1.0	0.54	ug/L		10/08/24 08:33	10/09/24 10:52	1
Hexachlorocyclopentadiene	ND		10	1.8	ug/L		10/08/24 08:33	10/09/24 10:52	1
Hexachloroethane	ND		1.0	0.40	ug/L		10/08/24 08:33	10/09/24 10:52	1
Indeno[1,2,3-cd]pyrene	ND		0.20	0.14	ug/L		10/08/24 08:33	10/09/24 10:52	1
Isophorone	ND		1.0	0.32	ug/L		10/08/24 08:33	10/09/24 10:52	1
N-Nitrosodi-n-propylamine	ND		1.0	0.25	ug/L		10/08/24 08:33	10/09/24 10:52	1
N-Nitrosodiphenylamine	ND		1.0	0.44	ug/L		10/08/24 08:33	10/09/24 10:52	1
Naphthalene	ND		0.20	0.11	ug/L		10/08/24 08:33	10/09/24 10:52	1
Nitrobenzene	ND		1.0	0.51	ug/L		10/08/24 08:33	10/09/24 10:52	1
Pentachlorophenol	ND		10	3.1	ug/L		10/08/24 08:33	10/09/24 10:52	1
Phenanthrene	ND		0.20	0.080	ug/L		10/08/24 08:33	10/09/24 10:52	1
Phenol	**0.63**	**J**	1.0	0.40	ug/L		10/08/24 08:33	10/09/24 10:52	1
Pyrene	ND		0.20	0.083	ug/L		10/08/24 08:33	10/09/24 10:52	1
3 & 4 Methylphenol	ND		2.0	0.19	ug/L		10/08/24 08:33	10/09/24 10:52	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Terphenyl-d14 (Surr)	*87*		*43 - 136*	*10/08/24 08:33*	*10/09/24 10:52*	*1*
Phenol-d5 (Surr)	*67*		*10 - 120*	*10/08/24 08:33*	*10/09/24 10:52*	*1*
Nitrobenzene-d5 (Surr)	*72*		*40 - 120*	*10/08/24 08:33*	*10/09/24 10:52*	*1*
2-Fluorophenol (Surr)	*71*		*10 - 127*	*10/08/24 08:33*	*10/09/24 10:52*	*1*
2-Fluorobiphenyl (Surr)	*77*		*41 - 120*	*10/08/24 08:33*	*10/09/24 10:52*	*1*
2,4,6-Tribromophenol (Surr)	*60*		*23 - 127*	*10/08/24 08:33*	*10/09/24 10:52*	*1*

Method: SW846 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aroclor-1016	ND		0.095	0.053	ug/L		10/08/24 09:06	10/09/24 11:12	1
Aroclor-1221	ND		0.095	0.054	ug/L		10/08/24 09:06	10/09/24 11:12	1
Aroclor-1232	ND		0.095	0.070	ug/L		10/08/24 09:06	10/09/24 11:12	1
Aroclor-1242	ND		0.095	0.072	ug/L		10/08/24 09:06	10/09/24 11:12	1
Aroclor-1248	ND		0.095	0.048	ug/L		10/08/24 09:06	10/09/24 11:12	1
Aroclor-1254	ND		0.095	0.038	ug/L		10/08/24 09:06	10/09/24 11:12	1
Aroclor-1260	ND		0.095	0.044	ug/L		10/08/24 09:06	10/09/24 11:12	1
Aroclor-1262	ND		0.095	0.055	ug/L		10/08/24 09:06	10/09/24 11:12	1
Aroclor-1268	ND		0.095	0.059	ug/L		10/08/24 09:06	10/09/24 11:12	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Tetrachloro-m-xylene	*76*		*10 - 149*	*10/08/24 09:06*	*10/09/24 11:12*	*1*
DCB Decachlorobiphenyl	*60*		*10 - 174*	*10/08/24 09:06*	*10/09/24 11:12*	*1*

Method: SW846 6010D - Metals (ICP) - Total Recoverable

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	ND		15	4.1	ug/L		10/08/24 15:00	10/09/24 12:51	1

Client Sample ID: RB-1-20241007
Date Collected: 10/07/24 09:15
Date Received: 10/07/24 13:00

Lab Sample ID: 240-212555-1
Matrix: Water

Method: SW846 6010D - Metals (ICP) - Total Recoverable (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Barium	ND		200	1.3	ug/L		10/08/24 15:00	10/09/24 12:51	1
Cadmium	ND		5.0	0.45	ug/L		10/08/24 15:00	10/09/24 12:51	1
Chromium	ND		10	0.76	ug/L		10/08/24 15:00	10/09/24 12:51	1
Copper	ND		25	3.5	ug/L		10/08/24 15:00	10/09/24 12:51	1
Lead	ND		10	2.8	ug/L		10/08/24 15:00	10/09/24 12:51	1
Selenium	ND		20	6.0	ug/L		10/08/24 15:00	10/09/24 12:51	1
Silver	ND		10	1.4	ug/L		10/08/24 15:00	10/09/24 12:51	1
Zinc	ND		50	23	ug/L		10/08/24 15:00	10/09/24 12:51	1

Method: SW846 6010D - Metals (ICP) - Dissolved

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	ND		15	4.1	ug/L		10/08/24 15:00	10/09/24 12:56	1
Barium	ND		200	1.3	ug/L		10/08/24 15:00	10/09/24 12:56	1
Cadmium	ND		5.0	0.45	ug/L		10/08/24 15:00	10/09/24 12:56	1
Chromium	ND		10	0.76	ug/L		10/08/24 15:00	10/09/24 12:56	1
Copper	ND		25	3.5	ug/L		10/08/24 15:00	10/09/24 12:56	1
Lead	ND		10	2.8	ug/L		10/08/24 15:00	10/09/24 12:56	1
Selenium	ND		20	6.0	ug/L		10/08/24 15:00	10/09/24 12:56	1
Silver	ND		10	1.4	ug/L		10/08/24 15:00	10/09/24 12:56	1
Zinc	ND		50	23	ug/L		10/08/24 15:00	10/09/24 12:56	1

Method: SW846 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	ND		0.20	0.13	ug/L		10/08/24 14:00	10/09/24 09:54	1

Method: SW846 7470A - Mercury (CVAA) - Dissolved

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	ND		0.20	0.13	ug/L		10/08/24 14:00	10/09/24 09:59	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chromium, hexavalent (SW846 7196A)	ND		0.020	0.0070	mg/L			10/07/24 15:38	1
Cyanide, Total (SW846 9012B)	ND		0.25	0.15	mg/L		10/08/24 11:07	10/08/24 13:35	25
Cyanide, Free (OI CORP OIA-1677)	ND		0.0060	0.0050	mg/L			10/10/24 17:27	1

General Chemistry - Dissolved

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chromium, hexavalent (SW846 7196A)	ND		0.020	0.0070	mg/L			10/07/24 15:38	1

Client: August Mack Environmental, Inc.
Project/Site: MSC Canfield - Surface Water

Job ID: 240-212555-1

Client Sample ID: T500-C-SW
Date Collected: 10/07/24 10:30
Date Received: 10/07/24 13:00

Lab Sample ID: 240-212555-2
Matrix: Water

Method: SW846 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		5.0	2.4	ug/L			10/09/24 15:07	5
1,1,2,2-Tetrachloroethane	ND		5.0	3.0	ug/L			10/09/24 15:07	5
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		5.0	2.1	ug/L			10/09/24 15:07	5
1,1,2-Trichloroethane	ND		5.0	2.4	ug/L			10/09/24 15:07	5
1,1-Dichloroethane	ND		5.0	2.4	ug/L			10/09/24 15:07	5
1,1-Dichloroethene	ND		5.0	2.5	ug/L			10/09/24 15:07	5
1,2,4-Trichlorobenzene	ND		5.0	3.9	ug/L			10/09/24 15:07	5
1,2-Dibromo-3-Chloropropane	ND		10	4.6	ug/L			10/09/24 15:07	5
Ethylene Dibromide	ND		5.0	2.1	ug/L			10/09/24 15:07	5
1,2-Dichlorobenzene	ND		5.0	2.4	ug/L			10/09/24 15:07	5
1,2-Dichloroethane	ND		5.0	2.3	ug/L			10/09/24 15:07	5
1,2-Dichloropropane	ND		5.0	2.4	ug/L			10/09/24 15:07	5
1,3-Dichlorobenzene	ND		5.0	2.3	ug/L			10/09/24 15:07	5
1,4-Dichlorobenzene	ND		5.0	2.1	ug/L			10/09/24 15:07	5
2-Butanone (MEK)	**6.8**	**J**	50	5.8	ug/L			10/09/24 15:07	5
2-Hexanone	ND		50	5.6	ug/L			10/09/24 15:07	5
4-Methyl-2-pentanone (MIBK)	ND		50	5.0	ug/L			10/09/24 15:07	5
Acetone	**32**	**J**	50	27	ug/L			10/09/24 15:07	5
Benzene	ND		5.0	2.1	ug/L			10/09/24 15:07	5
Dichlorobromomethane	ND		5.0	1.9	ug/L			10/09/24 15:07	5
Bromoform	ND		5.0	3.8	ug/L			10/09/24 15:07	5
Bromomethane	ND		5.0	2.1	ug/L			10/09/24 15:07	5
Carbon disulfide	ND		5.0	3.0	ug/L			10/09/24 15:07	5
Carbon tetrachloride	ND		5.0	1.3	ug/L			10/09/24 15:07	5
Chlorobenzene	ND		5.0	1.9	ug/L			10/09/24 15:07	5
Chloroethane	ND		5.0	4.2	ug/L			10/09/24 15:07	5
Chloroform	ND		5.0	2.4	ug/L			10/09/24 15:07	5
Chloromethane	ND		5.0	3.2	ug/L			10/09/24 15:07	5
cis-1,2-Dichloroethene	ND		5.0	2.3	ug/L			10/09/24 15:07	5
cis-1,3-Dichloropropene	ND		5.0	3.1	ug/L			10/09/24 15:07	5
Cyclohexane	ND		5.0	2.4	ug/L			10/09/24 15:07	5
Chlorodibromomethane	ND		5.0	2.0	ug/L			10/09/24 15:07	5
Dichlorodifluoromethane	ND		5.0	1.8	ug/L			10/09/24 15:07	5
Ethylbenzene	ND		5.0	2.1	ug/L			10/09/24 15:07	5
Isopropylbenzene	ND		5.0	2.5	ug/L			10/09/24 15:07	5
Methyl acetate	ND		50	8.6	ug/L			10/09/24 15:07	5
Methyl tert-butyl ether	ND		5.0	2.4	ug/L			10/09/24 15:07	5
Methylcyclohexane	ND		5.0	1.7	ug/L			10/09/24 15:07	5
Methylene Chloride	ND		25	13	ug/L			10/09/24 15:07	5
Styrene	ND		5.0	2.3	ug/L			10/09/24 15:07	5
Tetrachloroethene	ND		5.0	2.2	ug/L			10/09/24 15:07	5
Toluene	ND		5.0	2.2	ug/L			10/09/24 15:07	5
trans-1,2-Dichloroethene	ND		5.0	2.6	ug/L			10/09/24 15:07	5
trans-1,3-Dichloropropene	ND		5.0	3.4	ug/L			10/09/24 15:07	5
Trichloroethene	ND		5.0	2.2	ug/L			10/09/24 15:07	5
Trichlorofluoromethane	ND		5.0	2.3	ug/L			10/09/24 15:07	5
Vinyl chloride	ND		5.0	2.3	ug/L			10/09/24 15:07	5
Xylenes, Total	ND		10	2.1	ug/L			10/09/24 15:07	5

Client Sample ID: T500-C-SW
Date Collected: 10/07/24 10:30
Date Received: 10/07/24 13:00

Lab Sample ID: 240-212555-2
Matrix: Water

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Toluene-d8 (Surr)	*109*		*78 - 122*		*10/09/24 15:07*	*5*
Dibromofluoromethane (Surr)	*104*		*73 - 120*		*10/09/24 15:07*	*5*
4-Bromofluorobenzene (Surr)	*104*		*56 - 136*		*10/09/24 15:07*	*5*
1,2-Dichloroethane-d4 (Surr)	*110*		*62 - 137*		*10/09/24 15:07*	*5*

Method: SW846 8270E - Semivolatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1'-Biphenyl	ND		1.0	0.49	ug/L		10/08/24 08:33	10/09/24 11:15	1
bis (2-chloroisopropyl) ether	ND		1.0	0.24	ug/L		10/08/24 08:33	10/09/24 11:15	1
2,4,5-Trichlorophenol	ND		5.0	2.0	ug/L		10/08/24 08:33	10/09/24 11:15	1
2,4,6-Trichlorophenol	ND		5.0	1.8	ug/L		10/08/24 08:33	10/09/24 11:15	1
2,4-Dichlorophenol	ND		2.0	0.26	ug/L		10/08/24 08:33	10/09/24 11:15	1
2,4-Dimethylphenol	ND		2.0	0.25	ug/L		10/08/24 08:33	10/09/24 11:15	1
2,4-Dinitrophenol	ND		10	2.6	ug/L		10/08/24 08:33	10/09/24 11:15	1
2,4-Dinitrotoluene	ND		5.0	2.1	ug/L		10/08/24 08:33	10/09/24 11:15	1
2,6-Dinitrotoluene	ND		5.0	1.1	ug/L		10/08/24 08:33	10/09/24 11:15	1
2-Chloronaphthalene	ND		1.0	0.23	ug/L		10/08/24 08:33	10/09/24 11:15	1
2-Chlorophenol	ND		1.0	0.27	ug/L		10/08/24 08:33	10/09/24 11:15	1
2-Methylnaphthalene	ND		0.20	0.11	ug/L		10/08/24 08:33	10/09/24 11:15	1
2-Methylphenol	ND		1.0	0.21	ug/L		10/08/24 08:33	10/09/24 11:15	1
2-Nitroaniline	ND		2.0	0.51	ug/L		10/08/24 08:33	10/09/24 11:15	1
2-Nitrophenol	ND		2.0	0.56	ug/L		10/08/24 08:33	10/09/24 11:15	1
3,3'-Dichlorobenzidine	ND		5.0	1.2	ug/L		10/08/24 08:33	10/09/24 11:15	1
3-Nitroaniline	ND		2.0	0.57	ug/L		10/08/24 08:33	10/09/24 11:15	1
4,6-Dinitro-2-methylphenol	ND		5.0	2.8	ug/L		10/08/24 08:33	10/09/24 11:15	1
4-Bromophenyl phenyl ether	ND		2.0	0.50	ug/L		10/08/24 08:33	10/09/24 11:15	1
4-Chloro-3-methylphenol	ND		2.0	0.30	ug/L		10/08/24 08:33	10/09/24 11:15	1
4-Chloroaniline	ND		2.0	0.32	ug/L		10/08/24 08:33	10/09/24 11:15	1
4-Chlorophenyl phenyl ether	ND		2.0	0.55	ug/L		10/08/24 08:33	10/09/24 11:15	1
4-Nitroaniline	ND		2.0	0.33	ug/L		10/08/24 08:33	10/09/24 11:15	1
4-Nitrophenol	ND		10	2.2	ug/L		10/08/24 08:33	10/09/24 11:15	1
Acenaphthene	ND		0.20	0.17	ug/L		10/08/24 08:33	10/09/24 11:15	1
Acenaphthylene	ND		0.20	0.13	ug/L		10/08/24 08:33	10/09/24 11:15	1
Acetophenone	ND		1.0	0.37	ug/L		10/08/24 08:33	10/09/24 11:15	1
Anthracene	ND		0.20	0.14	ug/L		10/08/24 08:33	10/09/24 11:15	1
Atrazine	ND		2.0	0.95	ug/L		10/08/24 08:33	10/09/24 11:15	1
Benzaldehyde	ND		2.0	0.76	ug/L		10/08/24 08:33	10/09/24 11:15	1
Benzo[a]anthracene	**0.25**		0.20	0.068	ug/L		10/08/24 08:33	10/09/24 11:15	1
Benzo[a]pyrene	**0.24**		0.20	0.17	ug/L		10/08/24 08:33	10/09/24 11:15	1
Benzo[b]fluoranthene	**0.43**		0.20	0.15	ug/L		10/08/24 08:33	10/09/24 11:15	1
Benzo[g,h,i]perylene	**0.21**		0.20	0.18	ug/L		10/08/24 08:33	10/09/24 11:15	1
Benzo[k]fluoranthene	**0.16**	**J**	0.20	0.14	ug/L		10/08/24 08:33	10/09/24 11:15	1
Bis(2-chloroethoxy)methane	ND		1.0	0.22	ug/L		10/08/24 08:33	10/09/24 11:15	1
Bis(2-chloroethyl)ether	ND		1.0	0.40	ug/L		10/08/24 08:33	10/09/24 11:15	1
Bis(2-ethylhexyl) phthalate	ND		5.0	2.2	ug/L		10/08/24 08:33	10/09/24 11:15	1
Butyl benzyl phthalate	ND		2.0	0.67	ug/L		10/08/24 08:33	10/09/24 11:15	1
Caprolactam	ND		5.0	3.8	ug/L		10/08/24 08:33	10/09/24 11:15	1
Carbazole	ND		1.0	0.49	ug/L		10/08/24 08:33	10/09/24 11:15	1
Chrysene	**0.34**		0.20	0.066	ug/L		10/08/24 08:33	10/09/24 11:15	1
Dibenz(a,h)anthracene	ND		0.20	0.15	ug/L		10/08/24 08:33	10/09/24 11:15	1

Client Sample ID: T500-C-SW
Date Collected: 10/07/24 10:30
Date Received: 10/07/24 13:00

Lab Sample ID: 240-212555-2
Matrix: Water

Method: SW846 8270E - Semivolatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Dibenzofuran	ND		1.0	0.27	ug/L		10/08/24 08:33	10/09/24 11:15	1
Diethyl phthalate	ND		5.0	0.41	ug/L		10/08/24 08:33	10/09/24 11:15	1
Dimethyl phthalate	ND		2.0	0.52	ug/L		10/08/24 08:33	10/09/24 11:15	1
Di-n-butyl phthalate	ND		5.0	1.8	ug/L		10/08/24 08:33	10/09/24 11:15	1
Di-n-octyl phthalate	ND		2.0	0.82	ug/L		10/08/24 08:33	10/09/24 11:15	1
Fluoranthene	**0.55**		0.20	0.16	ug/L		10/08/24 08:33	10/09/24 11:15	1
Fluorene	ND		0.20	0.079	ug/L		10/08/24 08:33	10/09/24 11:15	1
Hexachlorobenzene	ND		0.20	0.16	ug/L		10/08/24 08:33	10/09/24 11:15	1
Hexachlorobutadiene	ND		1.0	0.54	ug/L		10/08/24 08:33	10/09/24 11:15	1
Hexachlorocyclopentadiene	ND		10	1.8	ug/L		10/08/24 08:33	10/09/24 11:15	1
Hexachloroethane	ND		1.0	0.40	ug/L		10/08/24 08:33	10/09/24 11:15	1
Indeno[1,2,3-cd]pyrene	**0.16**	**J**	0.20	0.14	ug/L		10/08/24 08:33	10/09/24 11:15	1
Isophorone	ND		1.0	0.32	ug/L		10/08/24 08:33	10/09/24 11:15	1
N-Nitrosodi-n-propylamine	ND		1.0	0.25	ug/L		10/08/24 08:33	10/09/24 11:15	1
N-Nitrosodiphenylamine	ND		1.0	0.44	ug/L		10/08/24 08:33	10/09/24 11:15	1
Naphthalene	ND		0.20	0.11	ug/L		10/08/24 08:33	10/09/24 11:15	1
Nitrobenzene	ND		1.0	0.51	ug/L		10/08/24 08:33	10/09/24 11:15	1
Pentachlorophenol	ND		10	3.1	ug/L		10/08/24 08:33	10/09/24 11:15	1
Phenanthrene	**0.22**		0.20	0.080	ug/L		10/08/24 08:33	10/09/24 11:15	1
Phenol	ND		1.0	0.40	ug/L		10/08/24 08:33	10/09/24 11:15	1
Pyrene	**0.47**		0.20	0.083	ug/L		10/08/24 08:33	10/09/24 11:15	1
3 & 4 Methylphenol	ND		2.0	0.19	ug/L		10/08/24 08:33	10/09/24 11:15	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Terphenyl-d14 (Surr)	*10*	*S1-*	*43 - 136*	*10/08/24 08:33*	*10/09/24 11:15*	*1*
Phenol-d5 (Surr)	*8*	*S1-*	*10 - 120*	*10/08/24 08:33*	*10/09/24 11:15*	*1*
Nitrobenzene-d5 (Surr)	*23*	*S1-*	*40 - 120*	*10/08/24 08:33*	*10/09/24 11:15*	*1*
2-Fluorophenol (Surr)	*15*		*10 - 127*	*10/08/24 08:33*	*10/09/24 11:15*	*1*
2-Fluorobiphenyl (Surr)	*19*	*S1-*	*41 - 120*	*10/08/24 08:33*	*10/09/24 11:15*	*1*
2,4,6-Tribromophenol (Surr)	*25*		*23 - 127*	*10/08/24 08:33*	*10/09/24 11:15*	*1*

Method: SW846 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aroclor-1016	ND		0.50	0.28	ug/L		10/08/24 09:06	10/09/24 11:26	1
Aroclor-1221	ND		0.50	0.29	ug/L		10/08/24 09:06	10/09/24 11:26	1
Aroclor-1232	ND		0.50	0.37	ug/L		10/08/24 09:06	10/09/24 11:26	1
Aroclor-1242	ND		0.50	0.38	ug/L		10/08/24 09:06	10/09/24 11:26	1
Aroclor-1248	ND		0.50	0.25	ug/L		10/08/24 09:06	10/09/24 11:26	1
Aroclor-1254	ND		0.50	0.20	ug/L		10/08/24 09:06	10/09/24 11:26	1
Aroclor-1260	ND		0.50	0.23	ug/L		10/08/24 09:06	10/09/24 11:26	1
Aroclor-1262	ND		0.50	0.29	ug/L		10/08/24 09:06	10/09/24 11:26	1
Aroclor-1268	ND		0.50	0.31	ug/L		10/08/24 09:06	10/09/24 11:26	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Tetrachloro-m-xylene	*51*		*10 - 149*	*10/08/24 09:06*	*10/09/24 11:26*	*1*
DCB Decachlorobiphenyl	*5*	*S1-*	*10 - 174*	*10/08/24 09:06*	*10/09/24 11:26*	*1*

Method: SW846 6010D - Metals (ICP) - Total Recoverable

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	**600**		75	20	ug/L		10/08/24 15:00	10/09/24 13:47	5

Client: August Mack Environmental, Inc.
Project/Site: MSC Canfield - Surface Water

Job ID: 240-212555-1

Client Sample ID: T500-C-SW
Date Collected: 10/07/24 10:30
Date Received: 10/07/24 13:00

Lab Sample ID: 240-212555-2
Matrix: Water

Method: SW846 6010D - Metals (ICP) - Total Recoverable (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Barium	1800		200	1.3	ug/L		10/08/24 15:00	10/09/24 13:42	1
Cadmium	6.7	J	25	2.3	ug/L		10/08/24 15:00	10/09/24 13:47	5
Chromium	620		10	0.76	ug/L		10/08/24 15:00	10/09/24 13:42	1
Copper	710		130	18	ug/L		10/08/24 15:00	10/09/24 13:47	5
Lead	730		50	14	ug/L		10/08/24 15:00	10/09/24 13:47	5
Selenium	51	J	100	30	ug/L		10/08/24 15:00	10/09/24 13:47	5
Silver	ND		10	1.4	ug/L		10/08/24 15:00	10/09/24 13:42	1
Zinc	69000		250	110	ug/L		10/08/24 15:00	10/09/24 13:47	5

Method: SW846 6010D - Metals (ICP) - Dissolved

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	210		15	4.1	ug/L		10/08/24 15:00	10/09/24 13:05	1
Barium	650		200	1.3	ug/L		10/08/24 15:00	10/09/24 13:05	1
Cadmium	2.3	J	5.0	0.45	ug/L		10/08/24 15:00	10/09/24 13:05	1
Chromium	250		10	0.76	ug/L		10/08/24 15:00	10/09/24 13:05	1
Copper	310		25	3.5	ug/L		10/08/24 15:00	10/09/24 13:05	1
Lead	210		10	2.8	ug/L		10/08/24 15:00	10/09/24 13:05	1
Selenium	16	J	20	6.0	ug/L		10/08/24 15:00	10/09/24 13:05	1
Silver	ND		10	1.4	ug/L		10/08/24 15:00	10/09/24 13:05	1
Zinc	19000		50	23	ug/L		10/08/24 15:00	10/09/24 13:05	1

Method: SW846 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	1.2		0.20	0.13	ug/L		10/08/24 14:00	10/09/24 10:11	1

Method: SW846 7470A - Mercury (CVAA) - Dissolved

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.52		0.20	0.13	ug/L		10/08/24 14:00	10/09/24 10:01	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chromium, hexavalent (SW846 7196A)	0.49	J	1.0	0.35	mg/L			10/07/24 15:39	50
Cyanide, Total (SW846 9012B)	2.0		0.50	0.30	mg/L		10/08/24 11:07	10/08/24 13:43	50
Cyanide, Free (OI CORP OIA-1677)	0.094		0.0060	0.0050	mg/L			10/10/24 17:37	1

General Chemistry - Dissolved

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chromium, hexavalent (SW846 7196A)	ND		0.20	0.070	mg/L			10/07/24 16:37	10

Client: August Mack Environmental, Inc.
Project/Site: MSC Canfield - Surface Water

Job ID: 240-212555-1

Client Sample ID: T375-C-SW
Date Collected: 10/07/24 11:30
Date Received: 10/07/24 13:00

Lab Sample ID: 240-212555-3
Matrix: Water

Method: SW846 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		1.0	0.48	ug/L			10/09/24 15:33	1
1,1,2,2-Tetrachloroethane	ND		1.0	0.60	ug/L			10/09/24 15:33	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		1.0	0.41	ug/L			10/09/24 15:33	1
1,1,2-Trichloroethane	ND		1.0	0.48	ug/L			10/09/24 15:33	1
1,1-Dichloroethane	ND		1.0	0.47	ug/L			10/09/24 15:33	1
1,1-Dichloroethene	ND		1.0	0.49	ug/L			10/09/24 15:33	1
1,2,4-Trichlorobenzene	ND		1.0	0.77	ug/L			10/09/24 15:33	1
1,2-Dibromo-3-Chloropropane	ND		2.0	0.91	ug/L			10/09/24 15:33	1
Ethylene Dibromide	ND		1.0	0.41	ug/L			10/09/24 15:33	1
1,2-Dichlorobenzene	ND		1.0	0.48	ug/L			10/09/24 15:33	1
1,2-Dichloroethane	ND		1.0	0.46	ug/L			10/09/24 15:33	1
1,2-Dichloropropane	ND		1.0	0.47	ug/L			10/09/24 15:33	1
1,3-Dichlorobenzene	ND		1.0	0.45	ug/L			10/09/24 15:33	1
1,4-Dichlorobenzene	ND		1.0	0.41	ug/L			10/09/24 15:33	1
2-Butanone (MEK)	ND		10	1.2	ug/L			10/09/24 15:33	1
2-Hexanone	ND		10	1.1	ug/L			10/09/24 15:33	1
4-Methyl-2-pentanone (MIBK)	ND		10	0.99	ug/L			10/09/24 15:33	1
Acetone	ND		10	5.4	ug/L			10/09/24 15:33	1
Benzene	ND		1.0	0.42	ug/L			10/09/24 15:33	1
Dichlorobromomethane	ND		1.0	0.38	ug/L			10/09/24 15:33	1
Bromoform	ND		1.0	0.76	ug/L			10/09/24 15:33	1
Bromomethane	ND		1.0	0.42	ug/L			10/09/24 15:33	1
Carbon disulfide	ND		1.0	0.59	ug/L			10/09/24 15:33	1
Carbon tetrachloride	ND		1.0	0.26	ug/L			10/09/24 15:33	1
Chlorobenzene	ND		1.0	0.38	ug/L			10/09/24 15:33	1
Chloroethane	ND		1.0	0.83	ug/L			10/09/24 15:33	1
Chloroform	ND		1.0	0.47	ug/L			10/09/24 15:33	1
Chloromethane	ND		1.0	0.63	ug/L			10/09/24 15:33	1
cis-1,2-Dichloroethene	ND		1.0	0.46	ug/L			10/09/24 15:33	1
cis-1,3-Dichloropropene	ND		1.0	0.61	ug/L			10/09/24 15:33	1
Cyclohexane	ND		1.0	0.48	ug/L			10/09/24 15:33	1
Chlorodibromomethane	ND		1.0	0.39	ug/L			10/09/24 15:33	1
Dichlorodifluoromethane	ND		1.0	0.35	ug/L			10/09/24 15:33	1
Ethylbenzene	ND		1.0	0.42	ug/L			10/09/24 15:33	1
Isopropylbenzene	ND		1.0	0.49	ug/L			10/09/24 15:33	1
Methyl acetate	ND		10	1.7	ug/L			10/09/24 15:33	1
Methyl tert-butyl ether	ND		1.0	0.47	ug/L			10/09/24 15:33	1
Methylcyclohexane	ND		1.0	0.33	ug/L			10/09/24 15:33	1
Methylene Chloride	ND		5.0	2.6	ug/L			10/09/24 15:33	1
Styrene	ND		1.0	0.45	ug/L			10/09/24 15:33	1
Tetrachloroethene	ND		1.0	0.44	ug/L			10/09/24 15:33	1
Toluene	ND		1.0	0.44	ug/L			10/09/24 15:33	1
trans-1,2-Dichloroethene	ND		1.0	0.51	ug/L			10/09/24 15:33	1
trans-1,3-Dichloropropene	ND		1.0	0.67	ug/L			10/09/24 15:33	1
Trichloroethene	ND		1.0	0.44	ug/L			10/09/24 15:33	1
Trichlorofluoromethane	ND		1.0	0.45	ug/L			10/09/24 15:33	1
Vinyl chloride	ND		1.0	0.45	ug/L			10/09/24 15:33	1
Xylenes, Total	ND		2.0	0.42	ug/L			10/09/24 15:33	1

Client: August Mack Environmental, Inc.
Project/Site: MSC Canfield - Surface Water

Job ID: 240-212555-1

Client Sample ID: T375-C-SW
Date Collected: 10/07/24 11:30
Date Received: 10/07/24 13:00

Lab Sample ID: 240-212555-3
Matrix: Water

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Toluene-d8 (Surr)	*106*		*78 - 122*		*10/09/24 15:33*	*1*
Dibromofluoromethane (Surr)	*101*		*73 - 120*		*10/09/24 15:33*	*1*
4-Bromofluorobenzene (Surr)	*101*		*56 - 136*		*10/09/24 15:33*	*1*
1,2-Dichloroethane-d4 (Surr)	*111*		*62 - 137*		*10/09/24 15:33*	*1*

Method: SW846 8270E - Semivolatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1'-Biphenyl	ND		1.1	0.53	ug/L		10/08/24 08:33	10/09/24 11:38	1
bis (2-chloroisopropyl) ether	ND		1.1	0.26	ug/L		10/08/24 08:33	10/09/24 11:38	1
2,4,5-Trichlorophenol	ND		5.4	2.2	ug/L		10/08/24 08:33	10/09/24 11:38	1
2,4,6-Trichlorophenol	ND		5.4	2.0	ug/L		10/08/24 08:33	10/09/24 11:38	1
2,4-Dichlorophenol	ND		2.2	0.28	ug/L		10/08/24 08:33	10/09/24 11:38	1
2,4-Dimethylphenol	ND		2.2	0.27	ug/L		10/08/24 08:33	10/09/24 11:38	1
2,4-Dinitrophenol	ND		11	2.8	ug/L		10/08/24 08:33	10/09/24 11:38	1
2,4-Dinitrotoluene	ND		5.4	2.3	ug/L		10/08/24 08:33	10/09/24 11:38	1
2,6-Dinitrotoluene	ND		5.4	1.1	ug/L		10/08/24 08:33	10/09/24 11:38	1
2-Chloronaphthalene	ND		1.1	0.25	ug/L		10/08/24 08:33	10/09/24 11:38	1
2-Chlorophenol	ND		1.1	0.30	ug/L		10/08/24 08:33	10/09/24 11:38	1
2-Methylnaphthalene	ND		0.22	0.12	ug/L		10/08/24 08:33	10/09/24 11:38	1
2-Methylphenol	ND		1.1	0.23	ug/L		10/08/24 08:33	10/09/24 11:38	1
2-Nitroaniline	ND		2.2	0.55	ug/L		10/08/24 08:33	10/09/24 11:38	1
2-Nitrophenol	ND		2.2	0.61	ug/L		10/08/24 08:33	10/09/24 11:38	1
3,3'-Dichlorobenzidine	ND		5.4	1.3	ug/L		10/08/24 08:33	10/09/24 11:38	1
3-Nitroaniline	ND		2.2	0.62	ug/L		10/08/24 08:33	10/09/24 11:38	1
4,6-Dinitro-2-methylphenol	ND		5.4	3.1	ug/L		10/08/24 08:33	10/09/24 11:38	1
4-Bromophenyl phenyl ether	ND		2.2	0.54	ug/L		10/08/24 08:33	10/09/24 11:38	1
4-Chloro-3-methylphenol	ND		2.2	0.32	ug/L		10/08/24 08:33	10/09/24 11:38	1
4-Chloroaniline	ND		2.2	0.34	ug/L		10/08/24 08:33	10/09/24 11:38	1
4-Chlorophenyl phenyl ether	ND		2.2	0.60	ug/L		10/08/24 08:33	10/09/24 11:38	1
4-Nitroaniline	ND		2.2	0.36	ug/L		10/08/24 08:33	10/09/24 11:38	1
4-Nitrophenol	ND		11	2.4	ug/L		10/08/24 08:33	10/09/24 11:38	1
Acenaphthene	ND		0.22	0.19	ug/L		10/08/24 08:33	10/09/24 11:38	1
Acenaphthylene	ND		0.22	0.14	ug/L		10/08/24 08:33	10/09/24 11:38	1
Acetophenone	ND		1.1	0.40	ug/L		10/08/24 08:33	10/09/24 11:38	1
Anthracene	ND		0.22	0.15	ug/L		10/08/24 08:33	10/09/24 11:38	1
Atrazine	ND		2.2	1.0	ug/L		10/08/24 08:33	10/09/24 11:38	1
Benzaldehyde	ND		2.2	0.83	ug/L		10/08/24 08:33	10/09/24 11:38	1
Benzo[a]anthracene	ND		0.22	0.074	ug/L		10/08/24 08:33	10/09/24 11:38	1
Benzo[a]pyrene	ND		0.22	0.19	ug/L		10/08/24 08:33	10/09/24 11:38	1
Benzo[b]fluoranthene	ND		0.22	0.17	ug/L		10/08/24 08:33	10/09/24 11:38	1
Benzo[g,h,i]perylene	ND		0.22	0.19	ug/L		10/08/24 08:33	10/09/24 11:38	1
Benzo[k]fluoranthene	ND		0.22	0.15	ug/L		10/08/24 08:33	10/09/24 11:38	1
Bis(2-chloroethoxy)methane	ND		1.1	0.24	ug/L		10/08/24 08:33	10/09/24 11:38	1
Bis(2-chloroethyl)ether	ND		1.1	0.44	ug/L		10/08/24 08:33	10/09/24 11:38	1
Bis(2-ethylhexyl) phthalate	ND		5.4	2.4	ug/L		10/08/24 08:33	10/09/24 11:38	1
Butyl benzyl phthalate	ND		2.2	0.72	ug/L		10/08/24 08:33	10/09/24 11:38	1
Caprolactam	ND		5.4	4.2	ug/L		10/08/24 08:33	10/09/24 11:38	1
Carbazole	ND		1.1	0.53	ug/L		10/08/24 08:33	10/09/24 11:38	1
Chrysene	ND		0.22	0.072	ug/L		10/08/24 08:33	10/09/24 11:38	1
Dibenz(a,h)anthracene	ND		0.22	0.16	ug/L		10/08/24 08:33	10/09/24 11:38	1

Client Sample ID: T375-C-SW
Date Collected: 10/07/24 11:30
Date Received: 10/07/24 13:00

Lab Sample ID: 240-212555-3
Matrix: Water

Method: SW846 8270E - Semivolatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Dibenzofuran	ND		1.1	0.29	ug/L		10/08/24 08:33	10/09/24 11:38	1
Diethyl phthalate	ND		5.4	0.44	ug/L		10/08/24 08:33	10/09/24 11:38	1
Dimethyl phthalate	ND		2.2	0.56	ug/L		10/08/24 08:33	10/09/24 11:38	1
Di-n-butyl phthalate	ND		5.4	2.0	ug/L		10/08/24 08:33	10/09/24 11:38	1
Di-n-octyl phthalate	ND		2.2	0.89	ug/L		10/08/24 08:33	10/09/24 11:38	1
Fluoranthene	ND		0.22	0.17	ug/L		10/08/24 08:33	10/09/24 11:38	1
Fluorene	ND		0.22	0.086	ug/L		10/08/24 08:33	10/09/24 11:38	1
Hexachlorobenzene	ND		0.22	0.18	ug/L		10/08/24 08:33	10/09/24 11:38	1
Hexachlorobutadiene	ND		1.1	0.59	ug/L		10/08/24 08:33	10/09/24 11:38	1
Hexachlorocyclopentadiene	ND		11	1.9	ug/L		10/08/24 08:33	10/09/24 11:38	1
Hexachloroethane	ND		1.1	0.43	ug/L		10/08/24 08:33	10/09/24 11:38	1
Indeno[1,2,3-cd]pyrene	ND		0.22	0.15	ug/L		10/08/24 08:33	10/09/24 11:38	1
Isophorone	ND		1.1	0.35	ug/L		10/08/24 08:33	10/09/24 11:38	1
N-Nitrosodi-n-propylamine	ND		1.1	0.28	ug/L		10/08/24 08:33	10/09/24 11:38	1
N-Nitrosodiphenylamine	ND		1.1	0.48	ug/L		10/08/24 08:33	10/09/24 11:38	1
Naphthalene	ND		0.22	0.12	ug/L		10/08/24 08:33	10/09/24 11:38	1
Nitrobenzene	ND		1.1	0.56	ug/L		10/08/24 08:33	10/09/24 11:38	1
Pentachlorophenol	ND		11	3.4	ug/L		10/08/24 08:33	10/09/24 11:38	1
Phenanthrene	ND		0.22	0.087	ug/L		10/08/24 08:33	10/09/24 11:38	1
Phenol	ND		1.1	0.44	ug/L		10/08/24 08:33	10/09/24 11:38	1
Pyrene	**0.14**	**J**	0.22	0.090	ug/L		10/08/24 08:33	10/09/24 11:38	1
3 & 4 Methylphenol	ND		2.2	0.21	ug/L		10/08/24 08:33	10/09/24 11:38	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Terphenyl-d14 (Surr)	*69*		*43 - 136*	*10/08/24 08:33*	*10/09/24 11:38*	*1*
Phenol-d5 (Surr)	*55*		*10 - 120*	*10/08/24 08:33*	*10/09/24 11:38*	*1*
Nitrobenzene-d5 (Surr)	*65*		*40 - 120*	*10/08/24 08:33*	*10/09/24 11:38*	*1*
2-Fluorophenol (Surr)	*65*		*10 - 127*	*10/08/24 08:33*	*10/09/24 11:38*	*1*
2-Fluorobiphenyl (Surr)	*68*		*41 - 120*	*10/08/24 08:33*	*10/09/24 11:38*	*1*
2,4,6-Tribromophenol (Surr)	*84*		*23 - 127*	*10/08/24 08:33*	*10/09/24 11:38*	*1*

Method: SW846 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aroclor-1016	ND		0.098	0.055	ug/L		10/08/24 09:06	10/09/24 11:40	1
Aroclor-1221	ND		0.098	0.056	ug/L		10/08/24 09:06	10/09/24 11:40	1
Aroclor-1232	ND		0.098	0.073	ug/L		10/08/24 09:06	10/09/24 11:40	1
Aroclor-1242	ND		0.098	0.075	ug/L		10/08/24 09:06	10/09/24 11:40	1
Aroclor-1248	ND		0.098	0.049	ug/L		10/08/24 09:06	10/09/24 11:40	1
Aroclor-1254	ND		0.098	0.039	ug/L		10/08/24 09:06	10/09/24 11:40	1
Aroclor-1260	ND		0.098	0.045	ug/L		10/08/24 09:06	10/09/24 11:40	1
Aroclor-1262	ND		0.098	0.057	ug/L		10/08/24 09:06	10/09/24 11:40	1
Aroclor-1268	ND		0.098	0.061	ug/L		10/08/24 09:06	10/09/24 11:40	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Tetrachloro-m-xylene	*45*		*10 - 149*	*10/08/24 09:06*	*10/09/24 11:40*	*1*
DCB Decachlorobiphenyl	*27*		*10 - 174*	*10/08/24 09:06*	*10/09/24 11:40*	*1*

Method: SW846 6010D - Metals (ICP) - Total Recoverable

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	**9.0**	**J**	15	4.1	ug/L		10/08/24 15:00	10/09/24 13:10	1

Client: August Mack Environmental, Inc.
Project/Site: MSC Canfield - Surface Water

Job ID: 240-212555-1

Client Sample ID: T375-C-SW
Date Collected: 10/07/24 11:30
Date Received: 10/07/24 13:00

Lab Sample ID: 240-212555-3
Matrix: Water

Method: SW846 6010D - Metals (ICP) - Total Recoverable (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Barium	**28**	**J**	200	1.3	ug/L		10/08/24 15:00	10/09/24 13:10	1
Cadmium	ND		5.0	0.45	ug/L		10/08/24 15:00	10/09/24 13:10	1
Chromium	**4.1**	**J**	10	0.76	ug/L		10/08/24 15:00	10/09/24 13:10	1
Copper	**11**	**J**	25	3.5	ug/L		10/08/24 15:00	10/09/24 13:10	1
Lead	ND		10	2.8	ug/L		10/08/24 15:00	10/09/24 13:10	1
Selenium	ND		20	6.0	ug/L		10/08/24 15:00	10/09/24 13:10	1
Silver	ND		10	1.4	ug/L		10/08/24 15:00	10/09/24 13:10	1
Zinc	**830**		50	23	ug/L		10/08/24 15:00	10/09/24 13:10	1

Method: SW846 6010D - Metals (ICP) - Dissolved

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	**5.7**	**J**	15	4.1	ug/L		10/08/24 15:00	10/09/24 13:15	1
Barium	**24**	**J**	200	1.3	ug/L		10/08/24 15:00	10/09/24 13:15	1
Cadmium	ND		5.0	0.45	ug/L		10/08/24 15:00	10/09/24 13:15	1
Chromium	**2.5**	**J**	10	0.76	ug/L		10/08/24 15:00	10/09/24 13:15	1
Copper	**8.6**	**J**	25	3.5	ug/L		10/08/24 15:00	10/09/24 13:15	1
Lead	ND		10	2.8	ug/L		10/08/24 15:00	10/09/24 13:15	1
Selenium	ND		20	6.0	ug/L		10/08/24 15:00	10/09/24 13:15	1
Silver	ND		10	1.4	ug/L		10/08/24 15:00	10/09/24 13:15	1
Zinc	**230**		50	23	ug/L		10/08/24 15:00	10/09/24 13:15	1

Method: SW846 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	ND		0.20	0.13	ug/L		10/08/24 14:00	10/09/24 10:03	1

Method: SW846 7470A - Mercury (CVAA) - Dissolved

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	ND		0.20	0.13	ug/L		10/08/24 14:00	10/09/24 10:04	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chromium, hexavalent (SW846 7196A)	ND		0.020	0.0070	mg/L			10/07/24 15:38	1
Cyanide, Total (SW846 9012B)	**0.48**	**J**	0.50	0.30	mg/L		10/08/24 11:07	10/08/24 13:49	50
Cyanide, Free (OI CORP OIA-1677)	**0.021**		0.0060	0.0050	mg/L			10/10/24 17:29	1

General Chemistry - Dissolved

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chromium, hexavalent (SW846 7196A)	ND		0.020	0.0070	mg/L			10/07/24 15:38	1

Client: August Mack Environmental, Inc.
Project/Site: MSC Canfield - Surface Water

Job ID: 240-212555-1

Client Sample ID: SW-DUP-1-20241007
Date Collected: 10/07/24 00:00
Date Received: 10/07/24 13:00

Lab Sample ID: 240-212555-4
Matrix: Water

Method: SW846 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		1.0	0.48	ug/L			10/09/24 16:00	1
1,1,2,2-Tetrachloroethane	ND		1.0	0.60	ug/L			10/09/24 16:00	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		1.0	0.41	ug/L			10/09/24 16:00	1
1,1,2-Trichloroethane	ND		1.0	0.48	ug/L			10/09/24 16:00	1
1,1-Dichloroethane	ND		1.0	0.47	ug/L			10/09/24 16:00	1
1,1-Dichloroethene	ND		1.0	0.49	ug/L			10/09/24 16:00	1
1,2,4-Trichlorobenzene	ND		1.0	0.77	ug/L			10/09/24 16:00	1
1,2-Dibromo-3-Chloropropane	ND		2.0	0.91	ug/L			10/09/24 16:00	1
Ethylene Dibromide	ND		1.0	0.41	ug/L			10/09/24 16:00	1
1,2-Dichlorobenzene	ND		1.0	0.48	ug/L			10/09/24 16:00	1
1,2-Dichloroethane	ND		1.0	0.46	ug/L			10/09/24 16:00	1
1,2-Dichloropropane	ND		1.0	0.47	ug/L			10/09/24 16:00	1
1,3-Dichlorobenzene	ND		1.0	0.45	ug/L			10/09/24 16:00	1
1,4-Dichlorobenzene	ND		1.0	0.41	ug/L			10/09/24 16:00	1
2-Butanone (MEK)	ND		10	1.2	ug/L			10/09/24 16:00	1
2-Hexanone	ND		10	1.1	ug/L			10/09/24 16:00	1
4-Methyl-2-pentanone (MIBK)	ND		10	0.99	ug/L			10/09/24 16:00	1
Acetone	ND		10	5.4	ug/L			10/09/24 16:00	1
Benzene	ND		1.0	0.42	ug/L			10/09/24 16:00	1
Dichlorobromomethane	ND		1.0	0.38	ug/L			10/09/24 16:00	1
Bromoform	ND		1.0	0.76	ug/L			10/09/24 16:00	1
Bromomethane	ND		1.0	0.42	ug/L			10/09/24 16:00	1
Carbon disulfide	ND		1.0	0.59	ug/L			10/09/24 16:00	1
Carbon tetrachloride	ND		1.0	0.26	ug/L			10/09/24 16:00	1
Chlorobenzene	ND		1.0	0.38	ug/L			10/09/24 16:00	1
Chloroethane	ND		1.0	0.83	ug/L			10/09/24 16:00	1
Chloroform	ND		1.0	0.47	ug/L			10/09/24 16:00	1
Chloromethane	ND		1.0	0.63	ug/L			10/09/24 16:00	1
cis-1,2-Dichloroethene	ND		1.0	0.46	ug/L			10/09/24 16:00	1
cis-1,3-Dichloropropene	ND		1.0	0.61	ug/L			10/09/24 16:00	1
Cyclohexane	ND		1.0	0.48	ug/L			10/09/24 16:00	1
Chlorodibromomethane	ND		1.0	0.39	ug/L			10/09/24 16:00	1
Dichlorodifluoromethane	ND		1.0	0.35	ug/L			10/09/24 16:00	1
Ethylbenzene	ND		1.0	0.42	ug/L			10/09/24 16:00	1
Isopropylbenzene	ND		1.0	0.49	ug/L			10/09/24 16:00	1
Methyl acetate	ND		10	1.7	ug/L			10/09/24 16:00	1
Methyl tert-butyl ether	ND		1.0	0.47	ug/L			10/09/24 16:00	1
Methylcyclohexane	ND		1.0	0.33	ug/L			10/09/24 16:00	1
Methylene Chloride	ND		5.0	2.6	ug/L			10/09/24 16:00	1
Styrene	ND		1.0	0.45	ug/L			10/09/24 16:00	1
Tetrachloroethene	ND		1.0	0.44	ug/L			10/09/24 16:00	1
Toluene	ND		1.0	0.44	ug/L			10/09/24 16:00	1
trans-1,2-Dichloroethene	ND		1.0	0.51	ug/L			10/09/24 16:00	1
trans-1,3-Dichloropropene	ND		1.0	0.67	ug/L			10/09/24 16:00	1
Trichloroethene	ND		1.0	0.44	ug/L			10/09/24 16:00	1
Trichlorofluoromethane	ND		1.0	0.45	ug/L			10/09/24 16:00	1
Vinyl chloride	ND		1.0	0.45	ug/L			10/09/24 16:00	1
Xylenes, Total	ND		2.0	0.42	ug/L			10/09/24 16:00	1

Client: August Mack Environmental, Inc.
Project/Site: MSC Canfield - Surface Water

Job ID: 240-212555-1

Client Sample ID: SW-DUP-1-20241007
Date Collected: 10/07/24 00:00
Date Received: 10/07/24 13:00

Lab Sample ID: 240-212555-4
Matrix: Water

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
Toluene-d8 (Surr)	*107*		*78 - 122*		*10/09/24 16:00*	*1*
Dibromofluoromethane (Surr)	*99*		*73 - 120*		*10/09/24 16:00*	*1*
4-Bromofluorobenzene (Surr)	*96*		*56 - 136*		*10/09/24 16:00*	*1*
1,2-Dichloroethane-d4 (Surr)	*110*		*62 - 137*		*10/09/24 16:00*	*1*

Method: SW846 8270E - Semivolatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1'-Biphenyl	ND		0.96	0.47	ug/L		10/08/24 08:33	10/09/24 12:00	1
bis (2-chloroisopropyl) ether	ND		0.96	0.23	ug/L		10/08/24 08:33	10/09/24 12:00	1
2,4,5-Trichlorophenol	ND		4.8	1.9	ug/L		10/08/24 08:33	10/09/24 12:00	1
2,4,6-Trichlorophenol	ND		4.8	1.7	ug/L		10/08/24 08:33	10/09/24 12:00	1
2,4-Dichlorophenol	ND		1.9	0.25	ug/L		10/08/24 08:33	10/09/24 12:00	1
2,4-Dimethylphenol	ND		1.9	0.24	ug/L		10/08/24 08:33	10/09/24 12:00	1
2,4-Dinitrophenol	ND		9.6	2.5	ug/L		10/08/24 08:33	10/09/24 12:00	1
2,4-Dinitrotoluene	ND		4.8	2.0	ug/L		10/08/24 08:33	10/09/24 12:00	1
2,6-Dinitrotoluene	ND		4.8	1.0	ug/L		10/08/24 08:33	10/09/24 12:00	1
2-Chloronaphthalene	ND		0.96	0.22	ug/L		10/08/24 08:33	10/09/24 12:00	1
2-Chlorophenol	ND		0.96	0.26	ug/L		10/08/24 08:33	10/09/24 12:00	1
2-Methylnaphthalene	ND		0.19	0.11	ug/L		10/08/24 08:33	10/09/24 12:00	1
2-Methylphenol	ND		0.96	0.20	ug/L		10/08/24 08:33	10/09/24 12:00	1
2-Nitroaniline	ND		1.9	0.49	ug/L		10/08/24 08:33	10/09/24 12:00	1
2-Nitrophenol	ND		1.9	0.54	ug/L		10/08/24 08:33	10/09/24 12:00	1
3,3'-Dichlorobenzidine	ND		4.8	1.1	ug/L		10/08/24 08:33	10/09/24 12:00	1
3-Nitroaniline	ND		1.9	0.54	ug/L		10/08/24 08:33	10/09/24 12:00	1
4,6-Dinitro-2-methylphenol	ND		4.8	2.7	ug/L		10/08/24 08:33	10/09/24 12:00	1
4-Bromophenyl phenyl ether	ND		1.9	0.48	ug/L		10/08/24 08:33	10/09/24 12:00	1
4-Chloro-3-methylphenol	ND		1.9	0.28	ug/L		10/08/24 08:33	10/09/24 12:00	1
4-Chloroaniline	ND		1.9	0.30	ug/L		10/08/24 08:33	10/09/24 12:00	1
4-Chlorophenyl phenyl ether	ND		1.9	0.53	ug/L		10/08/24 08:33	10/09/24 12:00	1
4-Nitroaniline	ND		1.9	0.31	ug/L		10/08/24 08:33	10/09/24 12:00	1
4-Nitrophenol	ND		9.6	2.1	ug/L		10/08/24 08:33	10/09/24 12:00	1
Acenaphthene	ND		0.19	0.17	ug/L		10/08/24 08:33	10/09/24 12:00	1
Acenaphthylene	ND		0.19	0.12	ug/L		10/08/24 08:33	10/09/24 12:00	1
Acetophenone	ND		0.96	0.35	ug/L		10/08/24 08:33	10/09/24 12:00	1
Anthracene	ND		0.19	0.13	ug/L		10/08/24 08:33	10/09/24 12:00	1
Atrazine	ND		1.9	0.92	ug/L		10/08/24 08:33	10/09/24 12:00	1
Benzaldehyde	ND		1.9	0.73	ug/L		10/08/24 08:33	10/09/24 12:00	1
Benzo[a]anthracene	**0.34**		0.19	0.065	ug/L		10/08/24 08:33	10/09/24 12:00	1
Benzo[a]pyrene	**0.58**		0.19	0.17	ug/L		10/08/24 08:33	10/09/24 12:00	1
Benzo[b]fluoranthene	**1.3**		0.19	0.15	ug/L		10/08/24 08:33	10/09/24 12:00	1
Benzo[g,h,i]perylene	**0.74**		0.19	0.17	ug/L		10/08/24 08:33	10/09/24 12:00	1
Benzo[k]fluoranthene	**0.41**		0.19	0.13	ug/L		10/08/24 08:33	10/09/24 12:00	1
Bis(2-chloroethoxy)methane	ND		0.96	0.21	ug/L		10/08/24 08:33	10/09/24 12:00	1
Bis(2-chloroethyl)ether	ND		0.96	0.39	ug/L		10/08/24 08:33	10/09/24 12:00	1
Bis(2-ethylhexyl) phthalate	**2.1**	**J**	4.8	2.1	ug/L		10/08/24 08:33	10/09/24 12:00	1
Butyl benzyl phthalate	ND		1.9	0.64	ug/L		10/08/24 08:33	10/09/24 12:00	1
Caprolactam	ND		4.8	3.7	ug/L		10/08/24 08:33	10/09/24 12:00	1
Carbazole	ND		0.96	0.47	ug/L		10/08/24 08:33	10/09/24 12:00	1
Chrysene	**0.71**		0.19	0.063	ug/L		10/08/24 08:33	10/09/24 12:00	1
Dibenz(a,h)anthracene	ND		0.19	0.15	ug/L		10/08/24 08:33	10/09/24 12:00	1

Client Sample ID: SW-DUP-1-20241007
Date Collected: 10/07/24 00:00
Date Received: 10/07/24 13:00

Lab Sample ID: 240-212555-4
Matrix: Water

Method: SW846 8270E - Semivolatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Dibenzofuran	ND		0.96	0.26	ug/L		10/08/24 08:33	10/09/24 12:00	1
Diethyl phthalate	ND		4.8	0.39	ug/L		10/08/24 08:33	10/09/24 12:00	1
Dimethyl phthalate	ND		1.9	0.50	ug/L		10/08/24 08:33	10/09/24 12:00	1
Di-n-butyl phthalate	ND		4.8	1.7	ug/L		10/08/24 08:33	10/09/24 12:00	1
Di-n-octyl phthalate	ND		1.9	0.79	ug/L		10/08/24 08:33	10/09/24 12:00	1
Fluoranthene	**1.1**		0.19	0.15	ug/L		10/08/24 08:33	10/09/24 12:00	1
Fluorene	ND		0.19	0.076	ug/L		10/08/24 08:33	10/09/24 12:00	1
Hexachlorobenzene	ND		0.19	0.15	ug/L		10/08/24 08:33	10/09/24 12:00	1
Hexachlorobutadiene	ND		0.96	0.52	ug/L		10/08/24 08:33	10/09/24 12:00	1
Hexachlorocyclopentadiene	ND		9.6	1.7	ug/L		10/08/24 08:33	10/09/24 12:00	1
Hexachloroethane	ND		0.96	0.38	ug/L		10/08/24 08:33	10/09/24 12:00	1
Indeno[1,2,3-cd]pyrene	**0.54**		0.19	0.13	ug/L		10/08/24 08:33	10/09/24 12:00	1
Isophorone	ND		0.96	0.31	ug/L		10/08/24 08:33	10/09/24 12:00	1
N-Nitrosodi-n-propylamine	ND		0.96	0.24	ug/L		10/08/24 08:33	10/09/24 12:00	1
N-Nitrosodiphenylamine	ND		0.96	0.42	ug/L		10/08/24 08:33	10/09/24 12:00	1
Naphthalene	ND		0.19	0.10	ug/L		10/08/24 08:33	10/09/24 12:00	1
Nitrobenzene	ND		0.96	0.49	ug/L		10/08/24 08:33	10/09/24 12:00	1
Pentachlorophenol	ND		9.6	3.0	ug/L		10/08/24 08:33	10/09/24 12:00	1
Phenanthrene	**0.31**		0.19	0.077	ug/L		10/08/24 08:33	10/09/24 12:00	1
Phenol	ND		0.96	0.39	ug/L		10/08/24 08:33	10/09/24 12:00	1
Pyrene	**0.92**		0.19	0.080	ug/L		10/08/24 08:33	10/09/24 12:00	1
3 & 4 Methylphenol	**0.30**	**J**	1.9	0.18	ug/L		10/08/24 08:33	10/09/24 12:00	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Terphenyl-d14 (Surr)	*66*		*43 - 136*	*10/08/24 08:33*	*10/09/24 12:00*	*1*
Phenol-d5 (Surr)	*56*		*10 - 120*	*10/08/24 08:33*	*10/09/24 12:00*	*1*
Nitrobenzene-d5 (Surr)	*63*		*40 - 120*	*10/08/24 08:33*	*10/09/24 12:00*	*1*
2-Fluorophenol (Surr)	*61*		*10 - 127*	*10/08/24 08:33*	*10/09/24 12:00*	*1*
2-Fluorobiphenyl (Surr)	*66*		*41 - 120*	*10/08/24 08:33*	*10/09/24 12:00*	*1*
2,4,6-Tribromophenol (Surr)	*80*		*23 - 127*	*10/08/24 08:33*	*10/09/24 12:00*	*1*

Method: SW846 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aroclor-1016	ND		0.33	0.19	ug/L		10/08/24 09:06	10/09/24 11:54	1
Aroclor-1221	ND		0.33	0.19	ug/L		10/08/24 09:06	10/09/24 11:54	1
Aroclor-1232	ND		0.33	0.25	ug/L		10/08/24 09:06	10/09/24 11:54	1
Aroclor-1242	ND		0.33	0.25	ug/L		10/08/24 09:06	10/09/24 11:54	1
Aroclor-1248	ND		0.33	0.17	ug/L		10/08/24 09:06	10/09/24 11:54	1
Aroclor-1254	ND		0.33	0.13	ug/L		10/08/24 09:06	10/09/24 11:54	1
Aroclor-1260	ND		0.33	0.15	ug/L		10/08/24 09:06	10/09/24 11:54	1
Aroclor-1262	ND		0.33	0.19	ug/L		10/08/24 09:06	10/09/24 11:54	1
Aroclor-1268	ND		0.33	0.21	ug/L		10/08/24 09:06	10/09/24 11:54	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Tetrachloro-m-xylene	*66*		*10 - 149*	*10/08/24 09:06*	*10/09/24 11:54*	*1*
DCB Decachlorobiphenyl	*20*		*10 - 174*	*10/08/24 09:06*	*10/09/24 11:54*	*1*

Method: SW846 6010D - Metals (ICP) - Total Recoverable

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	**51**		15	4.1	ug/L		10/08/24 15:00	10/09/24 13:19	1

Client: August Mack Environmental, Inc.
Project/Site: MSC Canfield - Surface Water

Job ID: 240-212555-1

Client Sample ID: SW-DUP-1-20241007
Date Collected: 10/07/24 00:00
Date Received: 10/07/24 13:00

Lab Sample ID: 240-212555-4
Matrix: Water

Method: SW846 6010D - Metals (ICP) - Total Recoverable (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Barium	150	J	200	1.3	ug/L		10/08/24 15:00	10/09/24 13:19	1
Cadmium	0.72	J	5.0	0.45	ug/L		10/08/24 15:00	10/09/24 13:19	1
Chromium	140		10	0.76	ug/L		10/08/24 15:00	10/09/24 13:19	1
Copper	110		25	3.5	ug/L		10/08/24 15:00	10/09/24 13:19	1
Lead	58		10	2.8	ug/L		10/08/24 15:00	10/09/24 13:19	1
Selenium	17	J	20	6.0	ug/L		10/08/24 15:00	10/09/24 13:19	1
Silver	ND		10	1.4	ug/L		10/08/24 15:00	10/09/24 13:19	1
Zinc	28000		50	23	ug/L		10/08/24 15:00	10/09/24 13:19	1

Method: SW846 6010D - Metals (ICP) - Dissolved

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	8.8	J	15	4.1	ug/L		10/08/24 15:00	10/09/24 13:33	1
Barium	27	J	200	1.3	ug/L		10/08/24 15:00	10/09/24 13:33	1
Cadmium	ND		5.0	0.45	ug/L		10/08/24 15:00	10/09/24 13:33	1
Chromium	5.0	J	10	0.76	ug/L		10/08/24 15:00	10/09/24 13:33	1
Copper	11	J	25	3.5	ug/L		10/08/24 15:00	10/09/24 13:33	1
Lead	3.2	J	10	2.8	ug/L		10/08/24 15:00	10/09/24 13:33	1
Selenium	ND		20	6.0	ug/L		10/08/24 15:00	10/09/24 13:33	1
Silver	ND		10	1.4	ug/L		10/08/24 15:00	10/09/24 13:33	1
Zinc	970		50	23	ug/L		10/08/24 15:00	10/09/24 13:33	1

Method: SW846 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	ND		0.20	0.13	ug/L		10/08/24 14:00	10/09/24 10:06	1

Method: SW846 7470A - Mercury (CVAA) - Dissolved

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	ND		0.20	0.13	ug/L		10/08/24 14:00	10/09/24 10:08	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chromium, hexavalent (SW846 7196A)	ND		0.020	0.0070	mg/L			10/07/24 15:38	1
Cyanide, Total (SW846 9012B)	4.9		0.50	0.30	mg/L		10/08/24 11:07	10/08/24 13:53	50
Cyanide, Free (OI CORP OIA-1677)	0.083		0.0060	0.0050	mg/L			10/10/24 17:42	1

General Chemistry - Dissolved

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chromium, hexavalent (SW846 7196A)	ND		0.020	0.0070	mg/L			10/07/24 15:39	1

Client: August Mack Environmental, Inc.
Project/Site: MSC Canfield - Surface Water

Job ID: 240-212555-1

Client Sample ID: TRIP BLANK
Date Collected: 10/07/24 00:00
Date Received: 10/07/24 13:00

Lab Sample ID: 240-212555-5
Matrix: Water

Method: SW846 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		1.0	0.48	ug/L			10/09/24 16:26	1
1,1,2,2-Tetrachloroethane	ND		1.0	0.60	ug/L			10/09/24 16:26	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		1.0	0.41	ug/L			10/09/24 16:26	1
1,1,2-Trichloroethane	ND		1.0	0.48	ug/L			10/09/24 16:26	1
1,1-Dichloroethane	ND		1.0	0.47	ug/L			10/09/24 16:26	1
1,1-Dichloroethene	ND		1.0	0.49	ug/L			10/09/24 16:26	1
1,2,4-Trichlorobenzene	ND		1.0	0.77	ug/L			10/09/24 16:26	1
1,2-Dibromo-3-Chloropropane	ND		2.0	0.91	ug/L			10/09/24 16:26	1
Ethylene Dibromide	ND		1.0	0.41	ug/L			10/09/24 16:26	1
1,2-Dichlorobenzene	ND		1.0	0.48	ug/L			10/09/24 16:26	1
1,2-Dichloroethane	ND		1.0	0.46	ug/L			10/09/24 16:26	1
1,2-Dichloropropane	ND		1.0	0.47	ug/L			10/09/24 16:26	1
1,3-Dichlorobenzene	ND		1.0	0.45	ug/L			10/09/24 16:26	1
1,4-Dichlorobenzene	ND		1.0	0.41	ug/L			10/09/24 16:26	1
2-Butanone (MEK)	ND		10	1.2	ug/L			10/09/24 16:26	1
2-Hexanone	ND		10	1.1	ug/L			10/09/24 16:26	1
4-Methyl-2-pentanone (MIBK)	ND		10	0.99	ug/L			10/09/24 16:26	1
Acetone	ND		10	5.4	ug/L			10/09/24 16:26	1
Benzene	ND		1.0	0.42	ug/L			10/09/24 16:26	1
Dichlorobromomethane	ND		1.0	0.38	ug/L			10/09/24 16:26	1
Bromoform	ND		1.0	0.76	ug/L			10/09/24 16:26	1
Bromomethane	ND		1.0	0.42	ug/L			10/09/24 16:26	1
Carbon disulfide	ND		1.0	0.59	ug/L			10/09/24 16:26	1
Carbon tetrachloride	ND		1.0	0.26	ug/L			10/09/24 16:26	1
Chlorobenzene	ND		1.0	0.38	ug/L			10/09/24 16:26	1
Chloroethane	ND		1.0	0.83	ug/L			10/09/24 16:26	1
Chloroform	ND		1.0	0.47	ug/L			10/09/24 16:26	1
Chloromethane	ND		1.0	0.63	ug/L			10/09/24 16:26	1
cis-1,2-Dichloroethene	ND		1.0	0.46	ug/L			10/09/24 16:26	1
cis-1,3-Dichloropropene	ND		1.0	0.61	ug/L			10/09/24 16:26	1
Cyclohexane	ND		1.0	0.48	ug/L			10/09/24 16:26	1
Chlorodibromomethane	ND		1.0	0.39	ug/L			10/09/24 16:26	1
Dichlorodifluoromethane	ND		1.0	0.35	ug/L			10/09/24 16:26	1
Ethylbenzene	ND		1.0	0.42	ug/L			10/09/24 16:26	1
Isopropylbenzene	ND		1.0	0.49	ug/L			10/09/24 16:26	1
Methyl acetate	ND		10	1.7	ug/L			10/09/24 16:26	1
Methyl tert-butyl ether	ND		1.0	0.47	ug/L			10/09/24 16:26	1
Methylcyclohexane	ND		1.0	0.33	ug/L			10/09/24 16:26	1
Methylene Chloride	ND		5.0	2.6	ug/L			10/09/24 16:26	1
Styrene	ND		1.0	0.45	ug/L			10/09/24 16:26	1
Tetrachloroethene	ND		1.0	0.44	ug/L			10/09/24 16:26	1
Toluene	ND		1.0	0.44	ug/L			10/09/24 16:26	1
trans-1,2-Dichloroethene	ND		1.0	0.51	ug/L			10/09/24 16:26	1
trans-1,3-Dichloropropene	ND		1.0	0.67	ug/L			10/09/24 16:26	1
Trichloroethene	ND		1.0	0.44	ug/L			10/09/24 16:26	1
Trichlorofluoromethane	ND		1.0	0.45	ug/L			10/09/24 16:26	1
Vinyl chloride	ND		1.0	0.45	ug/L			10/09/24 16:26	1
Xylenes, Total	ND		2.0	0.42	ug/L			10/09/24 16:26	1

Client: August Mack Environmental, Inc.
Project/Site: MSC Canfield - Surface Water

Job ID: 240-212555-1

Client Sample ID: TRIP BLANK
Date Collected: 10/07/24 00:00
Date Received: 10/07/24 13:00

Lab Sample ID: 240-212555-5
Matrix: Water

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
Toluene-d8 (Surr)	105		78 - 122		10/09/24 16:26	1
Dibromofluoromethane (Surr)	100		73 - 120		10/09/24 16:26	1
4-Bromofluorobenzene (Surr)	99		56 - 136		10/09/24 16:26	1
1,2-Dichloroethane-d4 (Surr)	110		62 - 137		10/09/24 16:26	1

Surrogate Summary

Client: August Mack Environmental, Inc.
Project/Site: MSC Canfield - Surface Water

Job ID: 240-212555-1

Method: 8260D - Volatile Organic Compounds by GC/MS

Matrix: Water

Prep Type: Total/NA

		Percent Surrogate Recovery (Acceptance Limits)			
		TOL	DBFM	BFB	DCA
Lab Sample ID	Client Sample ID	(78-122)	(73-120)	(56-136)	(62-137)
240-212555-1	RB-1-20241007	104	98	102	108
240-212555-2	T500-C-SW	109	104	104	110
240-212555-3	T375-C-SW	106	101	101	111
240-212555-4	SW-DUP-1-20241007	107	99	96	110
240-212555-5	TRIP BLANK	105	100	99	110
LCS 240-629888/4	Lab Control Sample	116	98	114	112
LCS 240-630020/4	Lab Control Sample	116	97	113	104
MB 240-629888/7	Method Blank	103	103	108	126
MB 240-630020/7	Method Blank	106	98	107	115

Surrogate Legend

TOL = Toluene-d8 (Surr)
DBFM = Dibromofluoromethane (Surr)
BFB = 4-Bromofluorobenzene (Surr)
DCA = 1,2-Dichloroethane-d4 (Surr)

Method: 8270E - Semivolatile Organic Compounds (GC/MS)

Matrix: Water

Prep Type: Total/NA

		Percent Surrogate Recovery (Acceptance Limits)					
		TPHL	PHL	NBZ	2FP	FBP	TBP
Lab Sample ID	Client Sample ID	(43-136)	(10-120)	(40-120)	(10-127)	(41-120)	(23-127)
240-212555-1	RB-1-20241007	87	67	72	71	77	60
240-212555-2	T500-C-SW	10 S1-	8 S1-	23 S1-	15	19 S1-	25
240-212555-3	T375-C-SW	69	55	65	65	68	84
240-212555-4	SW-DUP-1-20241007	66	56	63	61	66	80
LCS 240-629876/2-A	Lab Control Sample	77	77	77	110	73	91
MB 240-629876/1-A	Method Blank	86	72	75	65	73	47

Surrogate Legend

TPHL = Terphenyl-d14 (Surr)
PHL = Phenol-d5 (Surr)
NBZ = Nitrobenzene-d5 (Surr)
2FP = 2-Fluorophenol (Surr)
FBP = 2-Fluorobiphenyl (Surr)
TBP = 2,4,6-Tribromophenol (Surr)

Method: 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Matrix: Water

Prep Type: Total/NA

		Percent Surrogate Recovery (Acceptance Limits)	
		TCX2	DCBP2
Lab Sample ID	Client Sample ID	(10-149)	(10-174)
240-212555-1	RB-1-20241007	76	60
240-212555-2	T500-C-SW	51	5 S1-
240-212555-3	T375-C-SW	45	27
240-212555-4	SW-DUP-1-20241007	66	20
LCS 240-629884/2-A	Lab Control Sample	68	54
MB 240-629884/1-A	Method Blank	67	58

Surrogate Legend

TCX = Tetrachloro-m-xylene

Surrogate Summary

Client: August Mack Environmental, Inc.
Project/Site: MSC Canfield - Surface Water

Job ID: 240-212555-1

DCBP = DCB Decachlorobiphenyl

Method: 8260D - Volatile Organic Compounds by GC/MS

Lab Sample ID: MB 240-629888/7
Matrix: Water
Analysis Batch: 629888

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		1.0	0.48	ug/L			10/08/24 13:56	1
1,1,2,2-Tetrachloroethane	ND		1.0	0.60	ug/L			10/08/24 13:56	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		1.0	0.41	ug/L			10/08/24 13:56	1
1,1,2-Trichloroethane	ND		1.0	0.48	ug/L			10/08/24 13:56	1
1,1-Dichloroethane	ND		1.0	0.47	ug/L			10/08/24 13:56	1
1,1-Dichloroethene	ND		1.0	0.49	ug/L			10/08/24 13:56	1
1,2,4-Trichlorobenzene	ND		1.0	0.77	ug/L			10/08/24 13:56	1
1,2-Dibromo-3-Chloropropane	ND		2.0	0.91	ug/L			10/08/24 13:56	1
Ethylene Dibromide	ND		1.0	0.41	ug/L			10/08/24 13:56	1
1,2-Dichlorobenzene	ND		1.0	0.48	ug/L			10/08/24 13:56	1
1,2-Dichloroethane	ND		1.0	0.46	ug/L			10/08/24 13:56	1
1,2-Dichloropropane	ND		1.0	0.47	ug/L			10/08/24 13:56	1
1,3-Dichlorobenzene	ND		1.0	0.45	ug/L			10/08/24 13:56	1
1,4-Dichlorobenzene	ND		1.0	0.41	ug/L			10/08/24 13:56	1
2-Butanone (MEK)	ND		10	1.2	ug/L			10/08/24 13:56	1
2-Hexanone	ND		10	1.1	ug/L			10/08/24 13:56	1
4-Methyl-2-pentanone (MIBK)	ND		10	0.99	ug/L			10/08/24 13:56	1
Acetone	ND		10	5.4	ug/L			10/08/24 13:56	1
Benzene	ND		1.0	0.42	ug/L			10/08/24 13:56	1
Dichlorobromomethane	ND		1.0	0.38	ug/L			10/08/24 13:56	1
Bromoform	ND		1.0	0.76	ug/L			10/08/24 13:56	1
Bromomethane	ND		1.0	0.42	ug/L			10/08/24 13:56	1
Carbon disulfide	ND		1.0	0.59	ug/L			10/08/24 13:56	1
Carbon tetrachloride	ND		1.0	0.26	ug/L			10/08/24 13:56	1
Chlorobenzene	ND		1.0	0.38	ug/L			10/08/24 13:56	1
Chloroethane	ND		1.0	0.83	ug/L			10/08/24 13:56	1
Chloroform	ND		1.0	0.47	ug/L			10/08/24 13:56	1
Chloromethane	ND		1.0	0.63	ug/L			10/08/24 13:56	1
cis-1,2-Dichloroethene	ND		1.0	0.46	ug/L			10/08/24 13:56	1
cis-1,3-Dichloropropene	ND		1.0	0.61	ug/L			10/08/24 13:56	1
Cyclohexane	ND		1.0	0.48	ug/L			10/08/24 13:56	1
Chlorodibromomethane	ND		1.0	0.39	ug/L			10/08/24 13:56	1
Dichlorodifluoromethane	ND		1.0	0.35	ug/L			10/08/24 13:56	1
Ethylbenzene	ND		1.0	0.42	ug/L			10/08/24 13:56	1
Isopropylbenzene	ND		1.0	0.49	ug/L			10/08/24 13:56	1
Methyl acetate	ND		10	1.7	ug/L			10/08/24 13:56	1
Methyl tert-butyl ether	ND		1.0	0.47	ug/L			10/08/24 13:56	1
Methylcyclohexane	ND		1.0	0.33	ug/L			10/08/24 13:56	1
Methylene Chloride	ND		5.0	2.6	ug/L			10/08/24 13:56	1
Styrene	ND		1.0	0.45	ug/L			10/08/24 13:56	1
Tetrachloroethene	ND		1.0	0.44	ug/L			10/08/24 13:56	1
Toluene	ND		1.0	0.44	ug/L			10/08/24 13:56	1
trans-1,2-Dichloroethene	ND		1.0	0.51	ug/L			10/08/24 13:56	1
trans-1,3-Dichloropropene	ND		1.0	0.67	ug/L			10/08/24 13:56	1
Trichloroethene	ND		1.0	0.44	ug/L			10/08/24 13:56	1
Trichlorofluoromethane	ND		1.0	0.45	ug/L			10/08/24 13:56	1
Vinyl chloride	ND		1.0	0.45	ug/L			10/08/24 13:56	1
Xylenes, Total	ND		2.0	0.42	ug/L			10/08/24 13:56	1

Method: 8260D - Volatile Organic Compounds by GC/MS (Continued)

Lab Sample ID: MB 240-629888/7
Matrix: Water
Analysis Batch: 629888

Client Sample ID: Method Blank
Prep Type: Total/NA

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
Toluene-d8 (Surr)	*103*		*78 - 122*		*10/08/24 13:56*	*1*
Dibromofluoromethane (Surr)	*103*		*73 - 120*		*10/08/24 13:56*	*1*
4-Bromofluorobenzene (Surr)	*108*		*56 - 136*		*10/08/24 13:56*	*1*
1,2-Dichloroethane-d4 (Surr)	*126*		*62 - 137*		*10/08/24 13:56*	*1*

Lab Sample ID: LCS 240-629888/4
Matrix: Water
Analysis Batch: 629888

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
1,1,1-Trichloroethane	25.0	26.3		ug/L		105	64 - 131
1,1,2,2-Tetrachloroethane	25.0	22.7		ug/L		91	58 - 157
1,1,2-Trichloro-1,2,2-trifluoroethane	25.0	25.9		ug/L		103	51 - 146
1,1,2-Trichloroethane	25.0	23.8		ug/L		95	70 - 138
1,1-Dichloroethane	25.0	23.4		ug/L		94	72 - 127
1,1-Dichloroethene	25.0	24.1		ug/L		97	63 - 134
1,2,4-Trichlorobenzene	25.0	24.9		ug/L		100	44 - 147
1,2-Dibromo-3-Chloropropane	25.0	24.5		ug/L		98	53 - 135
Ethylene Dibromide	25.0	25.3		ug/L		101	71 - 134
1,2-Dichlorobenzene	25.0	22.7		ug/L		91	78 - 120
1,2-Dichloroethane	25.0	26.7		ug/L		107	66 - 128
1,2-Dichloropropane	25.0	23.8		ug/L		95	75 - 133
1,3-Dichlorobenzene	25.0	24.6		ug/L		98	80 - 120
1,4-Dichlorobenzene	25.0	23.0		ug/L		92	80 - 120
2-Butanone (MEK)	50.0	50.7		ug/L		101	54 - 156
2-Hexanone	50.0	57.3		ug/L		115	43 - 167
4-Methyl-2-pentanone (MIBK)	50.0	48.2		ug/L		96	46 - 158
Acetone	50.0	57.6		ug/L		115	50 - 149
Benzene	25.0	23.1		ug/L		92	77 - 123
Dichlorobromomethane	25.0	23.1		ug/L		93	69 - 126
Bromoform	25.0	24.6		ug/L		98	57 - 129
Bromomethane	12.5	16.1		ug/L		129	36 - 142
Carbon disulfide	25.0	26.2		ug/L		105	43 - 140
Carbon tetrachloride	25.0	27.5		ug/L		110	55 - 137
Chlorobenzene	25.0	24.5		ug/L		98	80 - 121
Chloroethane	12.5	13.4		ug/L		107	38 - 152
Chloroform	25.0	23.1		ug/L		92	74 - 122
Chloromethane	12.5	11.2		ug/L		90	47 - 143
cis-1,2-Dichloroethene	25.0	22.7		ug/L		91	77 - 123
cis-1,3-Dichloropropene	25.0	24.0		ug/L		96	64 - 130
Cyclohexane	25.0	25.5		ug/L		102	58 - 146
Chlorodibromomethane	25.0	25.1		ug/L		100	70 - 124
Dichlorodifluoromethane	12.5	8.18		ug/L		65	34 - 153
Ethylbenzene	25.0	25.7		ug/L		103	80 - 121
Isopropylbenzene	25.0	30.6		ug/L		122	74 - 128
Methyl acetate	50.0	47.7		ug/L		95	42 - 169
Methyl tert-butyl ether	25.0	26.7		ug/L		107	65 - 126
Methylcyclohexane	25.0	25.5		ug/L		102	62 - 136

Method: 8260D - Volatile Organic Compounds by GC/MS (Continued)

Lab Sample ID: LCS 240-629888/4
Matrix: Water
Analysis Batch: 629888

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
Methylene Chloride			25.0	24.4		ug/L		97	71 - 125		
Styrene			25.0	28.1		ug/L		112	80 - 135		
Tetrachloroethene			25.0	27.3		ug/L		109	76 - 123		
Toluene			25.0	24.6		ug/L		98	80 - 123		
trans-1,2-Dichloroethene			25.0	21.7		ug/L		87	75 - 124		
trans-1,3-Dichloropropene			25.0	27.3		ug/L		109	57 - 129		
Trichloroethene			25.0	20.8		ug/L		83	70 - 122		
Trichlorofluoromethane			12.5	13.0		ug/L		104	30 - 170		
Vinyl chloride			12.5	11.1		ug/L		89	60 - 144		
Xylenes, Total			50.0	53.7		ug/L		107	80 - 121		
m-Xylene & p-Xylene			25.0	27.1		ug/L		109	80 - 120		
o-Xylene			25.0	26.6		ug/L		106	80 - 123		

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
Toluene-d8 (Surr)	*116*		*78 - 122*
Dibromofluoromethane (Surr)	*98*		*73 - 120*
4-Bromofluorobenzene (Surr)	*114*		*56 - 136*
1,2-Dichloroethane-d4 (Surr)	*112*		*62 - 137*

Lab Sample ID: MB 240-630020/7
Matrix: Water
Analysis Batch: 630020

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		1.0	0.48	ug/L			10/09/24 10:41	1
1,1,2,2-Tetrachloroethane	ND		1.0	0.60	ug/L			10/09/24 10:41	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		1.0	0.41	ug/L			10/09/24 10:41	1
1,1,2-Trichloroethane	ND		1.0	0.48	ug/L			10/09/24 10:41	1
1,1-Dichloroethane	ND		1.0	0.47	ug/L			10/09/24 10:41	1
1,1-Dichloroethene	ND		1.0	0.49	ug/L			10/09/24 10:41	1
1,2,4-Trichlorobenzene	ND		1.0	0.77	ug/L			10/09/24 10:41	1
1,2-Dibromo-3-Chloropropane	ND		2.0	0.91	ug/L			10/09/24 10:41	1
Ethylene Dibromide	ND		1.0	0.41	ug/L			10/09/24 10:41	1
1,2-Dichlorobenzene	ND		1.0	0.48	ug/L			10/09/24 10:41	1
1,2-Dichloroethane	ND		1.0	0.46	ug/L			10/09/24 10:41	1
1,2-Dichloropropane	ND		1.0	0.47	ug/L			10/09/24 10:41	1
1,3-Dichlorobenzene	ND		1.0	0.45	ug/L			10/09/24 10:41	1
1,4-Dichlorobenzene	ND		1.0	0.41	ug/L			10/09/24 10:41	1
2-Butanone (MEK)	ND		10	1.2	ug/L			10/09/24 10:41	1
2-Hexanone	ND		10	1.1	ug/L			10/09/24 10:41	1
4-Methyl-2-pentanone (MIBK)	ND		10	0.99	ug/L			10/09/24 10:41	1
Acetone	ND		10	5.4	ug/L			10/09/24 10:41	1
Benzene	ND		1.0	0.42	ug/L			10/09/24 10:41	1
Dichlorobromomethane	ND		1.0	0.38	ug/L			10/09/24 10:41	1
Bromoform	ND		1.0	0.76	ug/L			10/09/24 10:41	1
Bromomethane	ND		1.0	0.42	ug/L			10/09/24 10:41	1
Carbon disulfide	ND		1.0	0.59	ug/L			10/09/24 10:41	1
Carbon tetrachloride	ND		1.0	0.26	ug/L			10/09/24 10:41	1

Method: 8260D - Volatile Organic Compounds by GC/MS (Continued)

Lab Sample ID: MB 240-630020/7
Matrix: Water
Analysis Batch: 630020

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chlorobenzene	ND		1.0	0.38	ug/L			10/09/24 10:41	1
Chloroethane	ND		1.0	0.83	ug/L			10/09/24 10:41	1
Chloroform	ND		1.0	0.47	ug/L			10/09/24 10:41	1
Chloromethane	ND		1.0	0.63	ug/L			10/09/24 10:41	1
cis-1,2-Dichloroethene	ND		1.0	0.46	ug/L			10/09/24 10:41	1
cis-1,3-Dichloropropene	ND		1.0	0.61	ug/L			10/09/24 10:41	1
Cyclohexane	ND		1.0	0.48	ug/L			10/09/24 10:41	1
Chlorodibromomethane	ND		1.0	0.39	ug/L			10/09/24 10:41	1
Dichlorodifluoromethane	ND		1.0	0.35	ug/L			10/09/24 10:41	1
Ethylbenzene	ND		1.0	0.42	ug/L			10/09/24 10:41	1
Isopropylbenzene	ND		1.0	0.49	ug/L			10/09/24 10:41	1
Methyl acetate	ND		10	1.7	ug/L			10/09/24 10:41	1
Methyl tert-butyl ether	ND		1.0	0.47	ug/L			10/09/24 10:41	1
Methylcyclohexane	ND		1.0	0.33	ug/L			10/09/24 10:41	1
Methylene Chloride	ND		5.0	2.6	ug/L			10/09/24 10:41	1
Styrene	ND		1.0	0.45	ug/L			10/09/24 10:41	1
Tetrachloroethene	ND		1.0	0.44	ug/L			10/09/24 10:41	1
Toluene	ND		1.0	0.44	ug/L			10/09/24 10:41	1
trans-1,2-Dichloroethene	ND		1.0	0.51	ug/L			10/09/24 10:41	1
trans-1,3-Dichloropropene	ND		1.0	0.67	ug/L			10/09/24 10:41	1
Trichloroethene	ND		1.0	0.44	ug/L			10/09/24 10:41	1
Trichlorofluoromethane	ND		1.0	0.45	ug/L			10/09/24 10:41	1
Vinyl chloride	ND		1.0	0.45	ug/L			10/09/24 10:41	1
Xylenes, Total	ND		2.0	0.42	ug/L			10/09/24 10:41	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Toluene-d8 (Surr)	*106*		*78 - 122*		*10/09/24 10:41*	*1*
Dibromofluoromethane (Surr)	*98*		*73 - 120*		*10/09/24 10:41*	*1*
4-Bromofluorobenzene (Surr)	*107*		*56 - 136*		*10/09/24 10:41*	*1*
1,2-Dichloroethane-d4 (Surr)	*115*		*62 - 137*		*10/09/24 10:41*	*1*

Lab Sample ID: LCS 240-630020/4
Matrix: Water
Analysis Batch: 630020

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
1,1,1-Trichloroethane	25.0	27.1		ug/L		108	64 - 131
1,1,2,2-Tetrachloroethane	25.0	23.2		ug/L		93	58 - 157
1,1,2-Trichloro-1,2,2-trifluoroethane	25.0	27.6		ug/L		111	51 - 146
1,1,2-Trichloroethane	25.0	24.8		ug/L		99	70 - 138
1,1-Dichloroethane	25.0	25.1		ug/L		100	72 - 127
1,1-Dichloroethene	25.0	27.0		ug/L		108	63 - 134
1,2,4-Trichlorobenzene	25.0	25.2		ug/L		101	44 - 147
1,2-Dibromo-3-Chloropropane	25.0	23.9		ug/L		96	53 - 135
Ethylene Dibromide	25.0	25.6		ug/L		102	71 - 134
1,2-Dichlorobenzene	25.0	23.5		ug/L		94	78 - 120
1,2-Dichloroethane	25.0	26.0		ug/L		104	66 - 128
1,2-Dichloropropane	25.0	26.2		ug/L		105	75 - 133

Method: 8260D - Volatile Organic Compounds by GC/MS (Continued)

Lab Sample ID: LCS 240-630020/4
Matrix: Water
Analysis Batch: 630020

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
1,3-Dichlorobenzene	25.0	25.9		ug/L		103	80 - 120
1,4-Dichlorobenzene	25.0	24.6		ug/L		98	80 - 120
2-Butanone (MEK)	50.0	56.2		ug/L		112	54 - 156
2-Hexanone	50.0	58.0		ug/L		116	43 - 167
4-Methyl-2-pentanone (MIBK)	50.0	52.9		ug/L		106	46 - 158
Acetone	50.0	62.3		ug/L		125	50 - 149
Benzene	25.0	24.9		ug/L		100	77 - 123
Dichlorobromomethane	25.0	24.2		ug/L		97	69 - 126
Bromoform	25.0	25.2		ug/L		101	57 - 129
Bromomethane	12.5	14.1		ug/L		113	36 - 142
Carbon disulfide	25.0	29.1		ug/L		116	43 - 140
Carbon tetrachloride	25.0	28.4		ug/L		114	55 - 137
Chlorobenzene	25.0	24.9		ug/L		100	80 - 121
Chloroethane	12.5	13.4		ug/L		107	38 - 152
Chloroform	25.0	24.4		ug/L		98	74 - 122
Chloromethane	12.5	11.2		ug/L		90	47 - 143
cis-1,2-Dichloroethene	25.0	25.1		ug/L		100	77 - 123
cis-1,3-Dichloropropene	25.0	24.8		ug/L		99	64 - 130
Cyclohexane	25.0	27.3		ug/L		109	58 - 146
Chlorodibromomethane	25.0	25.9		ug/L		104	70 - 124
Dichlorodifluoromethane	12.5	8.44		ug/L		68	34 - 153
Ethylbenzene	25.0	27.2		ug/L		109	80 - 121
Isopropylbenzene	25.0	30.6		ug/L		122	74 - 128
Methyl acetate	50.0	49.5		ug/L		99	42 - 169
Methyl tert-butyl ether	25.0	27.5		ug/L		110	65 - 126
Methylcyclohexane	25.0	26.8		ug/L		107	62 - 136
Methylene Chloride	25.0	26.8		ug/L		107	71 - 125
Styrene	25.0	28.5		ug/L		114	80 - 135
Tetrachloroethene	25.0	27.3		ug/L		109	76 - 123
Toluene	25.0	25.8		ug/L		103	80 - 123
trans-1,2-Dichloroethene	25.0	24.0		ug/L		96	75 - 124
trans-1,3-Dichloropropene	25.0	27.6		ug/L		110	57 - 129
Trichloroethene	25.0	22.6		ug/L		90	70 - 122
Trichlorofluoromethane	12.5	14.0		ug/L		112	30 - 170
Vinyl chloride	12.5	11.8		ug/L		95	60 - 144
Xylenes, Total	50.0	55.1		ug/L		110	80 - 121
m-Xylene & p-Xylene	25.0	28.1		ug/L		112	80 - 120
o-Xylene	25.0	27.0		ug/L		108	80 - 123

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
Toluene-d8 (Surr)	*116*		*78 - 122*
Dibromofluoromethane (Surr)	*97*		*73 - 120*
4-Bromofluorobenzene (Surr)	*113*		*56 - 136*
1,2-Dichloroethane-d4 (Surr)	*104*		*62 - 137*

Method: 8270E - Semivolatile Organic Compounds (GC/MS)

Lab Sample ID: MB 240-629876/1-A
Matrix: Water
Analysis Batch: 630018

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 629876

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1'-Biphenyl	ND		1.0	0.49	ug/L		10/08/24 08:33	10/09/24 09:20	1
bis (2-chloroisopropyl) ether	ND		1.0	0.24	ug/L		10/08/24 08:33	10/09/24 09:20	1
2,4,5-Trichlorophenol	ND		5.0	2.0	ug/L		10/08/24 08:33	10/09/24 09:20	1
2,4,6-Trichlorophenol	ND		5.0	1.8	ug/L		10/08/24 08:33	10/09/24 09:20	1
2,4-Dichlorophenol	ND		2.0	0.26	ug/L		10/08/24 08:33	10/09/24 09:20	1
2,4-Dimethylphenol	ND		2.0	0.25	ug/L		10/08/24 08:33	10/09/24 09:20	1
2,4-Dinitrophenol	ND		10	2.6	ug/L		10/08/24 08:33	10/09/24 09:20	1
2,4-Dinitrotoluene	ND		5.0	2.1	ug/L		10/08/24 08:33	10/09/24 09:20	1
2,6-Dinitrotoluene	ND		5.0	1.1	ug/L		10/08/24 08:33	10/09/24 09:20	1
2-Chloronaphthalene	ND		1.0	0.23	ug/L		10/08/24 08:33	10/09/24 09:20	1
2-Chlorophenol	ND		1.0	0.27	ug/L		10/08/24 08:33	10/09/24 09:20	1
2-Methylnaphthalene	ND		0.20	0.11	ug/L		10/08/24 08:33	10/09/24 09:20	1
2-Methylphenol	ND		1.0	0.21	ug/L		10/08/24 08:33	10/09/24 09:20	1
2-Nitroaniline	ND		2.0	0.51	ug/L		10/08/24 08:33	10/09/24 09:20	1
2-Nitrophenol	ND		2.0	0.56	ug/L		10/08/24 08:33	10/09/24 09:20	1
3,3'-Dichlorobenzidine	ND		5.0	1.2	ug/L		10/08/24 08:33	10/09/24 09:20	1
3-Nitroaniline	ND		2.0	0.57	ug/L		10/08/24 08:33	10/09/24 09:20	1
4,6-Dinitro-2-methylphenol	ND		5.0	2.8	ug/L		10/08/24 08:33	10/09/24 09:20	1
4-Bromophenyl phenyl ether	ND		2.0	0.50	ug/L		10/08/24 08:33	10/09/24 09:20	1
4-Chloro-3-methylphenol	ND		2.0	0.30	ug/L		10/08/24 08:33	10/09/24 09:20	1
4-Chloroaniline	ND		2.0	0.32	ug/L		10/08/24 08:33	10/09/24 09:20	1
4-Chlorophenyl phenyl ether	ND		2.0	0.55	ug/L		10/08/24 08:33	10/09/24 09:20	1
4-Nitroaniline	ND		2.0	0.33	ug/L		10/08/24 08:33	10/09/24 09:20	1
4-Nitrophenol	ND		10	2.2	ug/L		10/08/24 08:33	10/09/24 09:20	1
Acenaphthene	ND		0.20	0.17	ug/L		10/08/24 08:33	10/09/24 09:20	1
Acenaphthylene	ND		0.20	0.13	ug/L		10/08/24 08:33	10/09/24 09:20	1
Acetophenone	ND		1.0	0.37	ug/L		10/08/24 08:33	10/09/24 09:20	1
Anthracene	ND		0.20	0.14	ug/L		10/08/24 08:33	10/09/24 09:20	1
Atrazine	ND		2.0	0.95	ug/L		10/08/24 08:33	10/09/24 09:20	1
Benzaldehyde	ND		2.0	0.76	ug/L		10/08/24 08:33	10/09/24 09:20	1
Benzo[a]anthracene	ND		0.20	0.068	ug/L		10/08/24 08:33	10/09/24 09:20	1
Benzo[a]pyrene	ND		0.20	0.17	ug/L		10/08/24 08:33	10/09/24 09:20	1
Benzo[b]fluoranthene	ND		0.20	0.15	ug/L		10/08/24 08:33	10/09/24 09:20	1
Benzo[g,h,i]perylene	ND		0.20	0.18	ug/L		10/08/24 08:33	10/09/24 09:20	1
Benzo[k]fluoranthene	ND		0.20	0.14	ug/L		10/08/24 08:33	10/09/24 09:20	1
Bis(2-chloroethoxy)methane	ND		1.0	0.22	ug/L		10/08/24 08:33	10/09/24 09:20	1
Bis(2-chloroethyl)ether	ND		1.0	0.40	ug/L		10/08/24 08:33	10/09/24 09:20	1
Bis(2-ethylhexyl) phthalate	ND		5.0	2.2	ug/L		10/08/24 08:33	10/09/24 09:20	1
Butyl benzyl phthalate	ND		2.0	0.67	ug/L		10/08/24 08:33	10/09/24 09:20	1
Caprolactam	ND		5.0	3.8	ug/L		10/08/24 08:33	10/09/24 09:20	1
Carbazole	ND		1.0	0.49	ug/L		10/08/24 08:33	10/09/24 09:20	1
Chrysene	ND		0.20	0.066	ug/L		10/08/24 08:33	10/09/24 09:20	1
Dibenz(a,h)anthracene	ND		0.20	0.15	ug/L		10/08/24 08:33	10/09/24 09:20	1
Dibenzofuran	ND		1.0	0.27	ug/L		10/08/24 08:33	10/09/24 09:20	1
Diethyl phthalate	ND		5.0	0.41	ug/L		10/08/24 08:33	10/09/24 09:20	1
Dimethyl phthalate	ND		2.0	0.52	ug/L		10/08/24 08:33	10/09/24 09:20	1
Di-n-butyl phthalate	ND		5.0	1.8	ug/L		10/08/24 08:33	10/09/24 09:20	1
Di-n-octyl phthalate	ND		2.0	0.82	ug/L		10/08/24 08:33	10/09/24 09:20	1

Method: 8270E - Semivolatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: MB 240-629876/1-A
Matrix: Water
Analysis Batch: 630018

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 629876

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Fluoranthene	ND		0.20	0.16	ug/L		10/08/24 08:33	10/09/24 09:20	1
Fluorene	ND		0.20	0.079	ug/L		10/08/24 08:33	10/09/24 09:20	1
Hexachlorobenzene	ND		0.20	0.16	ug/L		10/08/24 08:33	10/09/24 09:20	1
Hexachlorobutadiene	ND		1.0	0.54	ug/L		10/08/24 08:33	10/09/24 09:20	1
Hexachlorocyclopentadiene	ND		10	1.8	ug/L		10/08/24 08:33	10/09/24 09:20	1
Hexachloroethane	ND		1.0	0.40	ug/L		10/08/24 08:33	10/09/24 09:20	1
Indeno[1,2,3-cd]pyrene	ND		0.20	0.14	ug/L		10/08/24 08:33	10/09/24 09:20	1
Isophorone	ND		1.0	0.32	ug/L		10/08/24 08:33	10/09/24 09:20	1
N-Nitrosodi-n-propylamine	ND		1.0	0.25	ug/L		10/08/24 08:33	10/09/24 09:20	1
N-Nitrosodiphenylamine	ND		1.0	0.44	ug/L		10/08/24 08:33	10/09/24 09:20	1
Naphthalene	ND		0.20	0.11	ug/L		10/08/24 08:33	10/09/24 09:20	1
Nitrobenzene	ND		1.0	0.51	ug/L		10/08/24 08:33	10/09/24 09:20	1
Pentachlorophenol	ND		10	3.1	ug/L		10/08/24 08:33	10/09/24 09:20	1
Phenanthrene	ND		0.20	0.080	ug/L		10/08/24 08:33	10/09/24 09:20	1
Phenol	ND		1.0	0.40	ug/L		10/08/24 08:33	10/09/24 09:20	1
Pyrene	ND		0.20	0.083	ug/L		10/08/24 08:33	10/09/24 09:20	1
3 & 4 Methylphenol	ND		2.0	0.19	ug/L		10/08/24 08:33	10/09/24 09:20	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Terphenyl-d14 (Surr)	*86*		*43 - 136*	*10/08/24 08:33*	*10/09/24 09:20*	*1*
Phenol-d5 (Surr)	*72*		*10 - 120*	*10/08/24 08:33*	*10/09/24 09:20*	*1*
Nitrobenzene-d5 (Surr)	*75*		*40 - 120*	*10/08/24 08:33*	*10/09/24 09:20*	*1*
2-Fluorophenol (Surr)	*65*		*10 - 127*	*10/08/24 08:33*	*10/09/24 09:20*	*1*
2-Fluorobiphenyl (Surr)	*73*		*41 - 120*	*10/08/24 08:33*	*10/09/24 09:20*	*1*
2,4,6-Tribromophenol (Surr)	*47*		*23 - 127*	*10/08/24 08:33*	*10/09/24 09:20*	*1*

Lab Sample ID: LCS 240-629876/2-A
Matrix: Water
Analysis Batch: 630018

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 629876

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
1,1'-Biphenyl	32.0	24.7		ug/L		77	48 - 120
bis (2-chloroisopropyl) ether	32.0	28.0		ug/L		88	34 - 126
2,4,5-Trichlorophenol	32.0	28.5		ug/L		89	51 - 129
2,4,6-Trichlorophenol	32.0	28.9		ug/L		90	51 - 128
2,4-Dichlorophenol	32.0	28.7		ug/L		90	57 - 122
2,4-Dimethylphenol	32.0	21.8		ug/L		68	33 - 120
2,4-Dinitrophenol	64.0	47.4		ug/L		74	27 - 126
2,4-Dinitrotoluene	32.0	31.8		ug/L		99	55 - 131
2,6-Dinitrotoluene	32.0	30.0		ug/L		94	54 - 134
2-Chloronaphthalene	32.0	24.7		ug/L		77	50 - 120
2-Chlorophenol	32.0	28.5		ug/L		89	57 - 120
2-Methylnaphthalene	32.0	24.2		ug/L		76	47 - 120
2-Methylphenol	32.0	30.3		ug/L		95	47 - 120
2-Nitroaniline	32.0	31.4		ug/L		98	51 - 138
2-Nitrophenol	32.0	28.1		ug/L		88	53 - 127
3,3'-Dichlorobenzidine	64.0	60.1		ug/L		94	39 - 150
3-Nitroaniline	32.0	32.3		ug/L		101	13 - 156

Method: 8270E - Semivolatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: LCS 240-629876/2-A
Matrix: Water
Analysis Batch: 630018

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 629876

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
4,6-Dinitro-2-methylphenol	64.0	56.9		ug/L		89	45 - 130
4-Bromophenyl phenyl ether	32.0	28.4		ug/L		89	51 - 129
4-Chloro-3-methylphenol	32.0	28.1		ug/L		88	57 - 126
4-Chloroaniline	32.0	7.26		ug/L		23	10 - 120
4-Chlorophenyl phenyl ether	32.0	27.2		ug/L		85	52 - 122
4-Nitroaniline	32.0	32.1		ug/L		100	44 - 156
4-Nitrophenol	64.0	48.9		ug/L		76	14 - 120
Acenaphthene	32.0	24.8		ug/L		77	50 - 120
Acenaphthylene	32.0	26.0		ug/L		81	49 - 120
Acetophenone	32.0	29.2		ug/L		91	52 - 120
Anthracene	32.0	28.2		ug/L		88	55 - 124
Atrazine	32.0	29.0		ug/L		91	50 - 152
Benzaldehyde	32.0	29.3		ug/L		91	36 - 168
Benzo[a]anthracene	32.0	28.9		ug/L		90	55 - 130
Benzo[a]pyrene	32.0	29.7		ug/L		93	51 - 123
Benzo[b]fluoranthene	32.0	29.1		ug/L		91	51 - 130
Benzo[g,h,i]perylene	32.0	29.8		ug/L		93	55 - 135
Benzo[k]fluoranthene	32.0	29.5		ug/L		92	53 - 130
Bis(2-chloroethoxy)methane	32.0	27.1		ug/L		85	50 - 121
Bis(2-chloroethyl)ether	32.0	24.7		ug/L		77	47 - 120
Bis(2-ethylhexyl) phthalate	32.0	30.0		ug/L		94	45 - 142
Butyl benzyl phthalate	32.0	30.9		ug/L		97	48 - 140
Caprolactam	32.0	10.2		ug/L		32	10 - 120
Carbazole	32.0	28.0		ug/L		87	56 - 135
Chrysene	32.0	27.5		ug/L		86	52 - 126
Dibenz(a,h)anthracene	32.0	30.3		ug/L		95	57 - 132
Dibenzofuran	32.0	26.1		ug/L		82	52 - 120
Diethyl phthalate	32.0	27.2		ug/L		85	51 - 127
Dimethyl phthalate	32.0	28.3		ug/L		88	40 - 136
Di-n-butyl phthalate	32.0	30.2		ug/L		94	56 - 138
Di-n-octyl phthalate	32.0	28.8		ug/L		90	45 - 135
Fluoranthene	32.0	29.4		ug/L		92	56 - 135
Fluorene	32.0	26.3		ug/L		82	52 - 124
Hexachlorobenzene	32.0	27.0		ug/L		85	49 - 127
Hexachlorobutadiene	32.0	20.0		ug/L		62	36 - 120
Hexachlorocyclopentadiene	32.0	7.53	J	ug/L		24	10 - 120
Hexachloroethane	32.0	20.0		ug/L		63	39 - 120
Indeno[1,2,3-cd]pyrene	32.0	30.1		ug/L		94	55 - 134
Isophorone	32.0	28.4		ug/L		89	50 - 127
N-Nitrosodi-n-propylamine	32.0	27.8		ug/L		87	49 - 128
N-Nitrosodiphenylamine	32.0	27.7		ug/L		86	53 - 127
Naphthalene	32.0	22.8		ug/L		71	46 - 120
Nitrobenzene	32.0	26.6		ug/L		83	50 - 123
Pentachlorophenol	64.0	53.4		ug/L		83	24 - 124
Phenanthrene	32.0	26.6		ug/L		83	54 - 120
Phenol	32.0	26.8		ug/L		84	10 - 120
Pyrene	32.0	28.1		ug/L		88	53 - 135
3 & 4 Methylphenol	32.0	31.5		ug/L		98	41 - 120

Method: 8270E - Semivolatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: LCS 240-629876/2-A
Matrix: Water
Analysis Batch: 630018

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 629876

Surrogate	LCS %Recovery	LCS Qualifier	Limits
Terphenyl-d14 (Surr)	*77*		*43 - 136*
Phenol-d5 (Surr)	*77*		*10 - 120*
Nitrobenzene-d5 (Surr)	*77*		*40 - 120*
2-Fluorophenol (Surr)	*110*		*10 - 127*
2-Fluorobiphenyl (Surr)	*73*		*41 - 120*
2,4,6-Tribromophenol (Surr)	*91*		*23 - 127*

Method: 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Lab Sample ID: MB 240-629884/1-A
Matrix: Water
Analysis Batch: 630002

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 629884

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aroclor-1016	ND		0.10	0.056	ug/L		10/08/24 09:06	10/09/24 10:44	1
Aroclor-1221	ND		0.10	0.057	ug/L		10/08/24 09:06	10/09/24 10:44	1
Aroclor-1232	ND		0.10	0.074	ug/L		10/08/24 09:06	10/09/24 10:44	1
Aroclor-1242	ND		0.10	0.076	ug/L		10/08/24 09:06	10/09/24 10:44	1
Aroclor-1248	ND		0.10	0.050	ug/L		10/08/24 09:06	10/09/24 10:44	1
Aroclor-1254	ND		0.10	0.040	ug/L		10/08/24 09:06	10/09/24 10:44	1
Aroclor-1260	ND		0.10	0.046	ug/L		10/08/24 09:06	10/09/24 10:44	1
Aroclor-1262	ND		0.10	0.058	ug/L		10/08/24 09:06	10/09/24 10:44	1
Aroclor-1268	ND		0.10	0.062	ug/L		10/08/24 09:06	10/09/24 10:44	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
Tetrachloro-m-xylene	*67*		*10 - 149*	*10/08/24 09:06*	*10/09/24 10:44*	*1*
DCB Decachlorobiphenyl	*58*		*10 - 174*	*10/08/24 09:06*	*10/09/24 10:44*	*1*

Lab Sample ID: LCS 240-629884/2-A
Matrix: Water
Analysis Batch: 630002

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 629884

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
Aroclor-1016			2.50	3.38		ug/L		135	28 - 140		
Aroclor-1260			2.50	3.35		ug/L		134	39 - 153		

Surrogate	LCS %Recovery	LCS Qualifier	Limits
Tetrachloro-m-xylene	*68*		*10 - 149*
DCB Decachlorobiphenyl	*54*		*10 - 174*

Method: 6010D - Metals (ICP)

Lab Sample ID: MB 240-629909/1-A
Matrix: Water
Analysis Batch: 630156

Client Sample ID: Method Blank
Prep Type: Total Recoverable
Prep Batch: 629909

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	ND		15	4.1	ug/L		10/08/24 15:00	10/09/24 11:45	1

Method: 6010D - Metals (ICP) (Continued)

Lab Sample ID: MB 240-629909/1-A
Matrix: Water
Analysis Batch: 630156

Client Sample ID: Method Blank
Prep Type: Total Recoverable
Prep Batch: 629909

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Barium	ND		200	1.3	ug/L		10/08/24 15:00	10/09/24 11:45	1
Cadmium	ND		5.0	0.45	ug/L		10/08/24 15:00	10/09/24 11:45	1
Chromium	ND		10	0.76	ug/L		10/08/24 15:00	10/09/24 11:45	1
Copper	ND		25	3.5	ug/L		10/08/24 15:00	10/09/24 11:45	1
Lead	ND		10	2.8	ug/L		10/08/24 15:00	10/09/24 11:45	1
Selenium	ND		20	6.0	ug/L		10/08/24 15:00	10/09/24 11:45	1
Silver	ND		10	1.4	ug/L		10/08/24 15:00	10/09/24 11:45	1
Zinc	ND		50	23	ug/L		10/08/24 15:00	10/09/24 11:45	1

Lab Sample ID: LCS 240-629909/2-A
Matrix: Water
Analysis Batch: 630156

Client Sample ID: Lab Control Sample
Prep Type: Total Recoverable
Prep Batch: 629909

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Arsenic	2000	2080		ug/L		104	80 - 120
Barium	2000	1890		ug/L		95	80 - 120
Cadmium	1000	1030		ug/L		103	80 - 120
Chromium	1000	978		ug/L		98	80 - 120
Copper	1000	1010		ug/L		101	80 - 120
Lead	1000	964		ug/L		96	80 - 120
Selenium	2000	2110		ug/L		105	80 - 120
Silver	100	93.7		ug/L		94	80 - 120
Zinc	1000	985		ug/L		98	80 - 120

Method: 7470A - Mercury (CVAA)

Lab Sample ID: MB 240-629914/1-A
Matrix: Water
Analysis Batch: 630093

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 629914

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	ND		0.20	0.13	ug/L		10/08/24 14:00	10/09/24 09:40	1

Lab Sample ID: LCS 240-629914/2-A
Matrix: Water
Analysis Batch: 630093

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 629914

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Mercury	5.00	5.03		ug/L		101	80 - 120

Method: 7196A - Chromium, Hexavalent

Lab Sample ID: MB 240-629817/3
Matrix: Water
Analysis Batch: 629817

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chromium, hexavalent	ND		0.020	0.0070	mg/L			10/07/24 15:38	1

Method: 7196A - Chromium, Hexavalent (Continued)

Lab Sample ID: LCS 240-629817/4
Matrix: Water
Analysis Batch: 629817

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
Chromium, hexavalent			0.250	0.252		mg/L		101	85 - 115		

Lab Sample ID: 240-212555-1 MS
Matrix: Water
Analysis Batch: 629817

Client Sample ID: RB-1-20241007
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits		
Chromium, hexavalent	ND		0.250	0.265		mg/L		106	85 - 115		

Lab Sample ID: 240-212555-1 MSD
Matrix: Water
Analysis Batch: 629817

Client Sample ID: RB-1-20241007
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Chromium, hexavalent	ND		0.250	0.234		mg/L		94	85 - 115	12	20

Method: 9012B - Cyanide, Total andor Amenable

Lab Sample ID: MB 240-629941/1-A
Matrix: Water
Analysis Batch: 629970

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 629941

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cyanide, Total	ND		0.010	0.0060	mg/L		10/08/24 11:07	10/08/24 13:15	1

Lab Sample ID: LCS 240-629941/2-A
Matrix: Water
Analysis Batch: 629970

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 629941

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
Cyanide, Total			0.327	0.320		mg/L		98	85 - 115		

Method: OIA-1677 - Cyanide, Free (Flow Injection)

Lab Sample ID: MB 410-561860/17
Matrix: Water
Analysis Batch: 561860

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cyanide, Free	ND		0.0060	0.0050	mg/L			10/10/24 17:09	1

Lab Sample ID: LCS 410-561860/16
Matrix: Water
Analysis Batch: 561860

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
Cyanide, Free			0.0500	0.0537		mg/L		107	82 - 132		

GC/MS VOA

Analysis Batch: 629888

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
240-212555-1	RB-1-20241007	Total/NA	Water	8260D	
MB 240-629888/7	Method Blank	Total/NA	Water	8260D	
LCS 240-629888/4	Lab Control Sample	Total/NA	Water	8260D	

Analysis Batch: 630020

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
240-212555-2	T500-C-SW	Total/NA	Water	8260D	
240-212555-3	T375-C-SW	Total/NA	Water	8260D	
240-212555-4	SW-DUP-1-20241007	Total/NA	Water	8260D	
240-212555-5	TRIP BLANK	Total/NA	Water	8260D	
MB 240-630020/7	Method Blank	Total/NA	Water	8260D	
LCS 240-630020/4	Lab Control Sample	Total/NA	Water	8260D	

GC/MS Semi VOA

Prep Batch: 629876

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
240-212555-1	RB-1-20241007	Total/NA	Water	3510C LVI	
240-212555-2	T500-C-SW	Total/NA	Water	3510C LVI	
240-212555-3	T375-C-SW	Total/NA	Water	3510C LVI	
240-212555-4	SW-DUP-1-20241007	Total/NA	Water	3510C LVI	
MB 240-629876/1-A	Method Blank	Total/NA	Water	3510C LVI	
LCS 240-629876/2-A	Lab Control Sample	Total/NA	Water	3510C LVI	

Analysis Batch: 630018

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
240-212555-1	RB-1-20241007	Total/NA	Water	8270E	629876
240-212555-2	T500-C-SW	Total/NA	Water	8270E	629876
240-212555-3	T375-C-SW	Total/NA	Water	8270E	629876
240-212555-4	SW-DUP-1-20241007	Total/NA	Water	8270E	629876
MB 240-629876/1-A	Method Blank	Total/NA	Water	8270E	629876
LCS 240-629876/2-A	Lab Control Sample	Total/NA	Water	8270E	629876

GC Semi VOA

Prep Batch: 629884

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
240-212555-1	RB-1-20241007	Total/NA	Water	3510C	
240-212555-2	T500-C-SW	Total/NA	Water	3510C	
240-212555-3	T375-C-SW	Total/NA	Water	3510C	
240-212555-4	SW-DUP-1-20241007	Total/NA	Water	3510C	
MB 240-629884/1-A	Method Blank	Total/NA	Water	3510C	
LCS 240-629884/2-A	Lab Control Sample	Total/NA	Water	3510C	

Analysis Batch: 630002

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
240-212555-1	RB-1-20241007	Total/NA	Water	8082A	629884
240-212555-2	T500-C-SW	Total/NA	Water	8082A	629884
240-212555-3	T375-C-SW	Total/NA	Water	8082A	629884
240-212555-4	SW-DUP-1-20241007	Total/NA	Water	8082A	629884
MB 240-629884/1-A	Method Blank	Total/NA	Water	8082A	629884
LCS 240-629884/2-A	Lab Control Sample	Total/NA	Water	8082A	629884

Metals

Prep Batch: 629909

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
240-212555-1	RB-1-20241007	Dissolved	Water	3005A	
240-212555-1	RB-1-20241007	Total Recoverable	Water	3005A	
240-212555-2	T500-C-SW	Dissolved	Water	3005A	
240-212555-2	T500-C-SW	Total Recoverable	Water	3005A	
240-212555-3	T375-C-SW	Dissolved	Water	3005A	
240-212555-3	T375-C-SW	Total Recoverable	Water	3005A	
240-212555-4	SW-DUP-1-20241007	Dissolved	Water	3005A	
240-212555-4	SW-DUP-1-20241007	Total Recoverable	Water	3005A	
MB 240-629909/1-A	Method Blank	Total Recoverable	Water	3005A	
LCS 240-629909/2-A	Lab Control Sample	Total Recoverable	Water	3005A	

Prep Batch: 629914

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
240-212555-1	RB-1-20241007	Dissolved	Water	7470A	
240-212555-1	RB-1-20241007	Total/NA	Water	7470A	
240-212555-2	T500-C-SW	Dissolved	Water	7470A	
240-212555-2	T500-C-SW	Total/NA	Water	7470A	
240-212555-3	T375-C-SW	Dissolved	Water	7470A	
240-212555-3	T375-C-SW	Total/NA	Water	7470A	
240-212555-4	SW-DUP-1-20241007	Dissolved	Water	7470A	
240-212555-4	SW-DUP-1-20241007	Total/NA	Water	7470A	
MB 240-629914/1-A	Method Blank	Total/NA	Water	7470A	
LCS 240-629914/2-A	Lab Control Sample	Total/NA	Water	7470A	

Analysis Batch: 630093

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
240-212555-1	RB-1-20241007	Dissolved	Water	7470A	629914
240-212555-1	RB-1-20241007	Total/NA	Water	7470A	629914
240-212555-2	T500-C-SW	Dissolved	Water	7470A	629914
240-212555-2	T500-C-SW	Total/NA	Water	7470A	629914
240-212555-3	T375-C-SW	Dissolved	Water	7470A	629914
240-212555-3	T375-C-SW	Total/NA	Water	7470A	629914
240-212555-4	SW-DUP-1-20241007	Dissolved	Water	7470A	629914
240-212555-4	SW-DUP-1-20241007	Total/NA	Water	7470A	629914
MB 240-629914/1-A	Method Blank	Total/NA	Water	7470A	629914
LCS 240-629914/2-A	Lab Control Sample	Total/NA	Water	7470A	629914

Analysis Batch: 630156

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
240-212555-1	RB-1-20241007	Dissolved	Water	6010D	629909
240-212555-1	RB-1-20241007	Total Recoverable	Water	6010D	629909
240-212555-2	T500-C-SW	Dissolved	Water	6010D	629909
240-212555-2	T500-C-SW	Total Recoverable	Water	6010D	629909
240-212555-2	T500-C-SW	Total Recoverable	Water	6010D	629909
240-212555-3	T375-C-SW	Dissolved	Water	6010D	629909
240-212555-3	T375-C-SW	Total Recoverable	Water	6010D	629909
240-212555-4	SW-DUP-1-20241007	Dissolved	Water	6010D	629909
240-212555-4	SW-DUP-1-20241007	Total Recoverable	Water	6010D	629909
MB 240-629909/1-A	Method Blank	Total Recoverable	Water	6010D	629909
LCS 240-629909/2-A	Lab Control Sample	Total Recoverable	Water	6010D	629909

General Chemistry

Analysis Batch: 561860

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
240-212555-1	RB-1-20241007	Total/NA	Water	OIA-1677	
240-212555-2	T500-C-SW	Total/NA	Water	OIA-1677	
240-212555-3	T375-C-SW	Total/NA	Water	OIA-1677	
240-212555-4	SW-DUP-1-20241007	Total/NA	Water	OIA-1677	
MB 410-561860/17	Method Blank	Total/NA	Water	OIA-1677	
LCS 410-561860/16	Lab Control Sample	Total/NA	Water	OIA-1677	

Analysis Batch: 629817

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
240-212555-1	RB-1-20241007	Dissolved	Water	7196A	
240-212555-1	RB-1-20241007	Total/NA	Water	7196A	
240-212555-2	T500-C-SW	Dissolved	Water	7196A	629827
240-212555-2	T500-C-SW	Total/NA	Water	7196A	
240-212555-3	T375-C-SW	Dissolved	Water	7196A	
240-212555-3	T375-C-SW	Total/NA	Water	7196A	
240-212555-4	SW-DUP-1-20241007	Dissolved	Water	7196A	
240-212555-4	SW-DUP-1-20241007	Total/NA	Water	7196A	
MB 240-629817/3	Method Blank	Total/NA	Water	7196A	
LCS 240-629817/4	Lab Control Sample	Total/NA	Water	7196A	
240-212555-1 MS	RB-1-20241007	Total/NA	Water	7196A	
240-212555-1 MSD	RB-1-20241007	Total/NA	Water	7196A	

Filtration Batch: 629827

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
240-212555-2	T500-C-SW	Dissolved	Water	Filtration	

Prep Batch: 629941

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
240-212555-1	RB-1-20241007	Total/NA	Water	9012B	
240-212555-2	T500-C-SW	Total/NA	Water	9012B	
240-212555-3	T375-C-SW	Total/NA	Water	9012B	
240-212555-4	SW-DUP-1-20241007	Total/NA	Water	9012B	
MB 240-629941/1-A	Method Blank	Total/NA	Water	9012B	
LCS 240-629941/2-A	Lab Control Sample	Total/NA	Water	9012B	

Analysis Batch: 629970

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
240-212555-1	RB-1-20241007	Total/NA	Water	9012B	629941
240-212555-2	T500-C-SW	Total/NA	Water	9012B	629941
240-212555-3	T375-C-SW	Total/NA	Water	9012B	629941
240-212555-4	SW-DUP-1-20241007	Total/NA	Water	9012B	629941
MB 240-629941/1-A	Method Blank	Total/NA	Water	9012B	629941
LCS 240-629941/2-A	Lab Control Sample	Total/NA	Water	9012B	629941

Client Sample ID: RB-1-20241007

Lab Sample ID: 240-212555-1

Date Collected: 10/07/24 09:15

Matrix: Water

Date Received: 10/07/24 13:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260D		1	629888	LEE	EET CLE	10/08/24 21:09
Total/NA	Prep	3510C LVI			629876	CR2J	EET CLE	10/08/24 08:33
Total/NA	Analysis	8270E		1	630018	MRU	EET CLE	10/09/24 10:52
Total/NA	Prep	3510C			629884	CR2J	EET CLE	10/08/24 09:06
Total/NA	Analysis	8082A		1	630002	LSH	EET CLE	10/09/24 11:12
Dissolved	Prep	3005A			629909	S4FJ	EET CLE	10/08/24 15:00
Dissolved	Analysis	6010D		1	630156	KLC	EET CLE	10/09/24 12:56
Total Recoverable	Prep	3005A			629909	S4FJ	EET CLE	10/08/24 15:00
Total Recoverable	Analysis	6010D		1	630156	KLC	EET CLE	10/09/24 12:51
Dissolved	Prep	7470A			629914	S4FJ	EET CLE	10/08/24 14:00
Dissolved	Analysis	7470A		1	630093	TQ6W	EET CLE	10/09/24 09:59
Total/NA	Prep	7470A			629914	S4FJ	EET CLE	10/08/24 14:00
Total/NA	Analysis	7470A		1	630093	TQ6W	EET CLE	10/09/24 09:54
Dissolved	Analysis	7196A		1	629817	C5SV	EET CLE	10/07/24 15:38
Total/NA	Analysis	7196A		1	629817	C5SV	EET CLE	10/07/24 15:38
Total/NA	Prep	9012B			629941	BLW	EET CLE	10/08/24 11:07
Total/NA	Analysis	9012B		25	629970	BLW	EET CLE	10/08/24 13:35
Total/NA	Analysis	OIA-1677		1	561860	UJE2	ELLE	10/10/24 17:27

Client Sample ID: T500-C-SW

Lab Sample ID: 240-212555-2

Date Collected: 10/07/24 10:30

Matrix: Water

Date Received: 10/07/24 13:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260D		5	630020	LEE	EET CLE	10/09/24 15:07
Total/NA	Prep	3510C LVI			629876	CR2J	EET CLE	10/08/24 08:33
Total/NA	Analysis	8270E		1	630018	MRU	EET CLE	10/09/24 11:15
Total/NA	Prep	3510C			629884	CR2J	EET CLE	10/08/24 09:06
Total/NA	Analysis	8082A		1	630002	LSH	EET CLE	10/09/24 11:26
Dissolved	Prep	3005A			629909	S4FJ	EET CLE	10/08/24 15:00
Dissolved	Analysis	6010D		1	630156	KLC	EET CLE	10/09/24 13:05
Total Recoverable	Prep	3005A			629909	S4FJ	EET CLE	10/08/24 15:00
Total Recoverable	Analysis	6010D		1	630156	KLC	EET CLE	10/09/24 13:42
Total Recoverable	Prep	3005A			629909	S4FJ	EET CLE	10/08/24 15:00
Total Recoverable	Analysis	6010D		5	630156	KLC	EET CLE	10/09/24 13:47
Dissolved	Prep	7470A			629914	S4FJ	EET CLE	10/08/24 14:00
Dissolved	Analysis	7470A		1	630093	TQ6W	EET CLE	10/09/24 10:01
Total/NA	Prep	7470A			629914	S4FJ	EET CLE	10/08/24 14:00
Total/NA	Analysis	7470A		1	630093	TQ6W	EET CLE	10/09/24 10:11
Dissolved	Filtration	Filtration			629827	C5SV	EET CLE	10/07/24 16:34
Dissolved	Analysis	7196A		10	629817	C5SV	EET CLE	10/07/24 16:37
Total/NA	Analysis	7196A		50	629817	C5SV	EET CLE	10/07/24 15:39
Total/NA	Prep	9012B			629941	BLW	EET CLE	10/08/24 11:07
Total/NA	Analysis	9012B		50	629970	BLW	EET CLE	10/08/24 13:43

Client Sample ID: T500-C-SW
Lab Sample ID: 240-212555-2

Date Collected: 10/07/24 10:30
Matrix: Water
Date Received: 10/07/24 13:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	OIA-1677		1	561860	UJE2	ELLE	10/10/24 17:37

Client Sample ID: T375-C-SW
Lab Sample ID: 240-212555-3

Date Collected: 10/07/24 11:30
Matrix: Water
Date Received: 10/07/24 13:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260D		1	630020	LEE	EET CLE	10/09/24 15:33
Total/NA	Prep	3510C LVI			629876	CR2J	EET CLE	10/08/24 08:33
Total/NA	Analysis	8270E		1	630018	MRU	EET CLE	10/09/24 11:38
Total/NA	Prep	3510C			629884	CR2J	EET CLE	10/08/24 09:06
Total/NA	Analysis	8082A		1	630002	LSH	EET CLE	10/09/24 11:40
Dissolved	Prep	3005A			629909	S4FJ	EET CLE	10/08/24 15:00
Dissolved	Analysis	6010D		1	630156	KLC	EET CLE	10/09/24 13:15
Total Recoverable	Prep	3005A			629909	S4FJ	EET CLE	10/08/24 15:00
Total Recoverable	Analysis	6010D		1	630156	KLC	EET CLE	10/09/24 13:10
Dissolved	Prep	7470A			629914	S4FJ	EET CLE	10/08/24 14:00
Dissolved	Analysis	7470A		1	630093	TQ6W	EET CLE	10/09/24 10:04
Total/NA	Prep	7470A			629914	S4FJ	EET CLE	10/08/24 14:00
Total/NA	Analysis	7470A		1	630093	TQ6W	EET CLE	10/09/24 10:03
Dissolved	Analysis	7196A		1	629817	C5SV	EET CLE	10/07/24 15:38
Total/NA	Analysis	7196A		1	629817	C5SV	EET CLE	10/07/24 15:38
Total/NA	Prep	9012B			629941	BLW	EET CLE	10/08/24 11:07
Total/NA	Analysis	9012B		50	629970	BLW	EET CLE	10/08/24 13:49
Total/NA	Analysis	OIA-1677		1	561860	UJE2	ELLE	10/10/24 17:29

Client Sample ID: SW-DUP-1-20241007
Lab Sample ID: 240-212555-4

Date Collected: 10/07/24 00:00
Matrix: Water
Date Received: 10/07/24 13:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260D		1	630020	LEE	EET CLE	10/09/24 16:00
Total/NA	Prep	3510C LVI			629876	CR2J	EET CLE	10/08/24 08:33
Total/NA	Analysis	8270E		1	630018	MRU	EET CLE	10/09/24 12:00
Total/NA	Prep	3510C			629884	CR2J	EET CLE	10/08/24 09:06
Total/NA	Analysis	8082A		1	630002	LSH	EET CLE	10/09/24 11:54
Dissolved	Prep	3005A			629909	S4FJ	EET CLE	10/08/24 15:00
Dissolved	Analysis	6010D		1	630156	KLC	EET CLE	10/09/24 13:33
Total Recoverable	Prep	3005A			629909	S4FJ	EET CLE	10/08/24 15:00
Total Recoverable	Analysis	6010D		1	630156	KLC	EET CLE	10/09/24 13:19
Dissolved	Prep	7470A			629914	S4FJ	EET CLE	10/08/24 14:00
Dissolved	Analysis	7470A		1	630093	TQ6W	EET CLE	10/09/24 10:08
Total/NA	Prep	7470A			629914	S4FJ	EET CLE	10/08/24 14:00
Total/NA	Analysis	7470A		1	630093	TQ6W	EET CLE	10/09/24 10:06

Lab Chronicle

Client: August Mack Environmental, Inc.
Job ID: 240-212555-1
Project/Site: MSC Canfield - Surface Water

Client Sample ID: SW-DUP-1-20241007
Lab Sample ID: 240-212555-4

Date Collected: 10/07/24 00:00
Matrix: Water
Date Received: 10/07/24 13:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Dissolved	Analysis	7196A		1	629817	C5SV	EET CLE	10/07/24 15:39
Total/NA	Analysis	7196A		1	629817	C5SV	EET CLE	10/07/24 15:38
Total/NA	Prep	9012B			629941	BLW	EET CLE	10/08/24 11:07
Total/NA	Analysis	9012B		50	629970	BLW	EET CLE	10/08/24 13:53
Total/NA	Analysis	OIA-1677		1	561860	UJE2	ELLE	10/10/24 17:42

Client Sample ID: TRIP BLANK
Lab Sample ID: 240-212555-5

Date Collected: 10/07/24 00:00
Matrix: Water
Date Received: 10/07/24 13:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260D		1	630020	LEE	EET CLE	10/09/24 16:26

Laboratory References:

EET CLE = Eurofins Cleveland, 180 S. Van Buren Avenue, Barberton, OH 44203, TEL (330)497-9396

ELLE = Eurofins Lancaster Laboratories Environment Testing, LLC, 2425 New Holland Pike, Lancaster, PA 17601, TEL (717)656-2300

Accreditation/Certification Summary

Client: August Mack Environmental, Inc.
Project/Site: MSC Canfield - Surface Water

Job ID: 240-212555-1

Laboratory: Eurofins Cleveland

All accreditations/certifications held by this laboratory are listed. Not all accreditations/certifications are applicable to this report.

Authority	Program	Identification Number	Expiration Date
California	State	2927	02-28-25
Georgia	State	4062	02-27-25
Illinois	NELAP	200004	08-31-25
Iowa	State	421	06-01-25
Kentucky (UST)	State	112225	02-27-25
Kentucky (WW)	State	KY98016	12-30-24
Minnesota	NELAP	039-999-348	12-31-24
New Hampshire	NELAP	225024	09-30-25
New Jersey	NELAP	OH001	07-03-25
New York	NELAP	10975	04-02-25
Ohio VAP	State	ORELAP 4062	02-27-25
Oregon	NELAP	4062	02-27-25
Pennsylvania	NELAP	68-00340	08-31-25
Texas	NELAP	T104704517-22-19	08-31-25
USDA	US Federal Programs	P330-18-00281	01-05-27
Virginia	NELAP	460175	09-14-25
West Virginia DEP	State	210	12-31-24

Laboratory: Eurofins Lancaster Laboratories Environment Testing, LLC

All accreditations/certifications held by this laboratory are listed. Not all accreditations/certifications are applicable to this report.

Authority	Program	Identification Number	Expiration Date
A2LA	Dept. of Defense ELAP	0001.01	11-30-24
A2LA	ISO/IEC 17025	0001.01	11-30-24
Alabama	State	43200	01-31-25
Alaska	State	PA00009	06-30-25
Alaska (UST)	State	17-027	02-28-25
Arizona	State	AZ0780	03-12-25
Arkansas DEQ	State	88-00660	08-09-25
California	State	2792	11-30-24
Colorado	State	PA00009	06-30-25
Connecticut	State	PH-0746	06-30-25
DE Haz. Subst. Cleanup Act (HSCA)	State	019-006 (PA cert)	01-31-25
Delaware (DW)	State	N/A	01-31-25
Florida	NELAP	E87997	06-30-25
Georgia (DW)	State	C048	01-31-25
Hawaii	State	N/A	01-31-25
Illinois	NELAP	200027	01-31-25
Iowa	State	361	03-01-26
Kansas	NELAP	E-10151	10-31-24
Kentucky (DW)	State	KY90088	12-31-24
Kentucky (UST)	State	0001.01	11-30-24
Kentucky (WW)	State	KY90088	12-31-24
Louisiana (All)	NELAP	02055	06-30-25
Maine	State	2019012	03-12-25
Maryland	State	100	06-30-25
Massachusetts	State	M-PA009	06-30-25
Michigan	State	9930	01-31-25
Minnesota	NELAP	042-999-487	12-31-24
Mississippi	State	023	01-31-25

Accreditation/Certification Summary

Client: August Mack Environmental, Inc. Job ID: 240-212555-1
Project/Site: MSC Canfield - Surface Water

Laboratory: Eurofins Lancaster Laboratories Environment Testing, LLC (Continued)

All accreditations/certifications held by this laboratory are listed. Not all accreditations/certifications are applicable to this report.

Authority	Program	Identification Number	Expiration Date
Missouri	State	450	01-31-25
Montana (DW)	State	0098	01-01-25
Nebraska	State	NE-OS-32-17	01-31-25
New Hampshire	NELAP	2730	01-10-25
New Jersey	NELAP	PA011	06-30-25
New York	NELAP	10670	04-01-25
North Carolina (DW)	State	42705	07-31-25
North Carolina (WW/SW)	State	521	12-31-25
North Dakota	State	R-205	01-31-24 *
Oklahoma	NELAP	9804	08-31-24 *
Oregon	NELAP	PA200001	09-11-25
Pennsylvania	NELAP	36-00037	01-31-25
Quebec Ministry of Environment and Fight against Climate Change	PALA	507	09-16-29
Rhode Island	State	LAO00338	12-30-24
South Carolina	State	89002	01-31-25
Tennessee	State	02838	01-31-25
Texas	NELAP	T104704194-23-46	08-31-25
USDA	US Federal Programs	525-22-298-19481	10-25-25
Vermont	State	VT - 36037	10-28-24
Virginia	NELAP	460182	06-14-25
Washington	State	C457	04-11-25
West Virginia (DW)	State	9906 C	01-31-25
West Virginia DEP	State	055	07-31-25
Wyoming	State	8TMS-L	01-31-25
Wyoming (UST)	A2LA	0001.01	11-30-24

* Accreditation/Certification renewal pending - accreditation/certification considered valid.

Eurofins Cleveland
180 S. Van Buren Avenue
Barberton, OH 44203
Phone (330) 497-9396 Phone (330) 497-0772

Chain of Custody Record

eurofins | Environment Testing

Client Information	Sampler: Elisabeth Webber	Lab PM: Kalis, Nicole A	Carrier Tracking No(s):	COC No: 240-124901-43556.11
Client Contact: Kain Lager-Lowe	Phone:	E-Mail: Nicole.Kalis@et.eurofinsus.com	State of Origin: OH	Page: Page 11 of 12
Company: August Mack Environmental, Inc.	PWSID:			Job #:
Address: 7830 North Central Drive, Suite B	Due Date Requested: 10-10-2024			
City: Lewis Center	TAT Requested (days): 3 day TAT			
State, Zip: OH, 43035	Compliance Project: Δ Yes Δ No			
Phone: 740-548-1515(Tel)	PO #:			
Email: klagerlowe@augustmack.com	WO #:			
Project Name: MSC Canfield - Soil/Surface Water	Project #: DO NOT DELETE - 24033889			
Site:	SSOW#:			

Analysis Requested

Preservation Codes:
N - None
A - HCL
B - NaOH
D - HNO3

Sample Identification	Sample Date	Sample Time	Sample Type (C=Comp, G=grab)	Matrix (W=water, S=solid, O=waste/oil, BT=Tissue, A=Air)	Field Filtered Sample (Yes or No)	Perform MS/MSD (Yes or No)	8260D - VOCs	8270E - SVOCs	8082A - PCBs	9012B - Total Cyanid	1677 - Free Cyandle	6010D/7470A - Total RCRA 8, Cu & Zn	7196A - Total Hexavalent Chromium	6010D/7470A - Dissolved RCRA 8, Cu & Zn Field Filtered	7196A - Dissolved Hexavalent Chromium Field Filtered	Total Number of containers	Special Instructions/Note:
			Preservation Code:				A	N	N	B	B	D	N	D	N		
RB-1-2024 1007	10-7-24	0915	G	Water			X	X	X	X	X	X	X	X	X	13	Min. Vol.
T500-C-SW	10-7-24	1030	G	Water			X	X	X	X	X	X	X	X	X	13	Min. Vol.
T375-C-SW	10-7-24	1130	G	Water			X	X	X	X	X	X	X	X	X	13	Min. Vol.
SW-DUP-1-2024 1007	10-7-24	—	G	Water			X	X	X	X	X	X	X	X	X	13	Min. Vol.
				Water													
				Water													
				Water													
				Water													
				Water													
				Water													
				Water													

240-212555 COC

Possible Hazard Identification
☐ Non-Hazard ☐ Flammable ☐ Skin Irritant ☐ Poison B ☐ Unknown ☐ Radiological

Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)
☐ Return To Client ☐ Disposal By Lab ☐ Archive For _____ Months

Deliverable Requested: I, II, III, IV, Other (specify)

Special Instructions/QC Requirements:

Empty Kit Relinquished by:	Date:	Time:	Method of Shipment:

Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company
Kenneth S Lee	10/7/24 1300	AMG	JMonsko	10/7/24 1300	EEN
Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company
Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company

Custody Seals Intact: Δ Yes Δ No	Custody Seal No.:	Cooler Temperature(s) °C and Other Remarks:

Eurofins – Cleveland Sample Receipt Form/Narrative **Login # :** _____
Barberton Facility

Client August Mack Site Name _____ Cooler unpacked by: JMOROSKO

Cooler Received on 10/7/24 Opened on 10/7/24

FedEx: 1st Grd Exp UPS FAS Waypoint Client Drop Off Eurofins Courier Other

Receipt After-hours: Drop-off Date/Time _____ Storage Location _____

Eurofins Cooler # EC Foam Box Client Cooler Box Other _____

Packing material used: Bubble Wrap Foam Plastic Bag None Other _____

COOLANT: Wet Ice Blue Ice Dry Ice Water None

1. Cooler temperature upon receipt ☒ See Multiple Cooler Form
   IR GUN # 13 (CF T0.7 °C) Observed Cooler Temp. _____ °C Corrected Cooler Temp. _____ °C

2. Were tamper/custody seals on the outside of the cooler(s)? If Yes Quantity _____	Yes	No
-Were the seals on the outside of the cooler(s) signed & dated?	Yes	No NA
-Were tamper/custody seals on the bottle(s) or bottle kits (LLHg/MeHg)?	Yes	No
-Were tamper/custody seals intact and uncompromised?	Yes	No NA
3. Shippers' packing slip attached to the cooler(s)?	Yes	No
4. Did custody papers accompany the sample(s)?	Yes	No
5. Were the custody papers relinquished & signed in the appropriate place?	Yes	No
6. Was/were the person(s) who collected the samples clearly identified on the COC?	Yes	No
7. Did all bottles arrive in good condition (Unbroken)?	Yes	No
8. Could all bottle labels (ID/Date/Time) be reconciled with the COC?	Yes	No
9. For each sample, does the COC specify preservatives (Y/N), # of containers (Y/N), and sample type of grab/comp (Y/N)?		
10. Were correct bottle(s) used for the test(s) indicated?	Yes	No
11. Sufficient quantity received to perform indicated analyses?	Yes	No
12. Are these work share samples and all listed on the COC?	Yes	No
If yes, Questions 13-17 have been checked at the originating laboratory.		
13. Were all preserved sample(s) at the correct pH upon receipt?	Yes	No NA pH Strip Lot# HC447997
14. Were VOAs on the COC?	Yes	No
15. Were air bubbles >6 mm in any VOA vials? ● ⬅ Larger than this.	Yes	No NA
16. Was a VOA trip blank present in the cooler(s)? Trip Blank Lot # 0413011	Yes	No
17. Was a LL Hg or Me Hg trip blank present? _____	Yes	No

Tests that are not checked for pH by Receiving:
VOAs
Oil and Grease
TOC

Contacted PM _____ Date _____ by _____ via Verbal Voice Mail Other

Concerning _____

18. CHAIN OF CUSTODY & SAMPLE DISCREPANCIES ☒ additional next page | Samples processed by:

-SW-DUP-1-20241007 nitric bottle will need preserved in lab to correct pH.
-Received Trip blank not on COC.
-Received 1 amber 1L w/ no label. Matching w/ sample T500-C-SW because all other samples accounted for. JM

19. SAMPLE CONDITION

Sample(s) _____ were received after the recommended holding time had expired.
Sample(s) _____ were received in a broken container.
Sample(s) _____ were received with bubble >6 mm in diameter. (Notify PM)

20. SAMPLE PRESERVATION

Sample(s) _____ were further preserved in the laboratory.
Time preserved: _____ Preservative(s) added/Lot number(s): _____

VOA Sample Preservation - Date/Time VOAs Frozen: _____

18. (Continued) CHAIN OF CUSTODY & SAMPLE DISCREPANCIES

- For sample T500-C-SW
  ↳ labels were mixed up for nit, nit-dis, unp. & unp-dis after speaking w/ PM we are archiving one of nitric bottles and lab preserved one of the unp bottles. w/ nitric acid. (SW)

Login # : _____

Eurofins - Cleveland Sample Receipt Multiple Cooler Form				
Cooler Description (Circle)	IR Gun # (Circle)	Observed Temp °C	Corrected Temp °C	Coolant (Circle)
(EC) Client Box Other	IR GUN #: 13	2.9	3.6	(Wet Ice) Blue Ice Dry Ice Water None
(EC) Client Box Other	IR GUN #: 17	4.6	5.3	(Wet Ice) Blue Ice Dry Ice Water None
EC Client Box Other	IR GUN #: _____			Wet Ice

10/7/2024

Login Container Summary Report

240-212555

10/11/2024

Temperature readings: _____

Client Sample ID	Lab ID	Container Type	Container pH	Container Temp	Preservation Added	Preservation Lot Number
RB-1 20241007	240-212555-A-1	Voa Vial 40ml - Hydrochloric Acid				
RB-1 20241007	240-212555-B-1	Voa Vial 40ml - Hydrochloric Acid				
RB-1 20241007	240-212555-C-1	Voa Vial 40ml - Hydrochloric Acid				
RB-1 20241007	240-212555-D-1	Amber Glass 250ml - unpreserved				
RB-1 20241007	240-212555-E-1	Amber Glass 250ml - unpreserved				
RB-1 20241007	240-212555-F-1	Plastic 250ml - with Sodium Hydroxide	>12			
RB-1 20241007	240-212555-G-1	Plastic 250ml - with Sodium Hydroxide	>12			
RB-1 20241007	240-212555-H-1	Plastic 500ml - unpreserved				
RB-1 20241007	240-212555-I-1	Plastic 500 mL - unpreserved - dis				
RB-1 20241007	240-212555-J-1	Plastic 500ml - with Nitric Acid	<2			
RB-1 20241007	240-212555-K-1	Plastic 500ml - w/ Nitric - Dis.	<2			
RB-1 20241007	240-212555-L-1	Amber Glass 1 liter - unpreserved				
RB-1 20241007	240-212555-M-1	Amber Glass 1 liter - unpreserved				
T500-C-SW	240-212555-A-2	Voa Vial 40ml - Hydrochloric Acid				
T500-C-SW	240-212555-B-2	Voa Vial 40ml - Hydrochloric Acid				
T500-C-SW	240-212555-C-2	Voa Vial 40ml - Hydrochloric Acid				
T500-C-SW	240-212555-D-2	Amber Glass 250ml - unpreserved				
T500-C-SW	240-212555-E-2	Amber Glass 250ml - unpreserved				
T500-C-SW	240-212555-F-2	Plastic 250ml - with Sodium Hydroxide	>12			
T500-C-SW	240-212555-G-2	Plastic 250ml - with Sodium Hydroxide	>12			
T500-C-SW	240-212555-H-2	Plastic 500ml - unpreserved				
T500-C-SW	240-212555-I-2	Plastic 500 mL - unpreserved - dis				
T500-C-SW	240-212555-J-2	Plastic 500ml - with Nitric Acid	<2			
T500-C-SW	240-212555-K-2	Plastic 500ml - w/ Nitric - Dis.	<2			
T500-C-SW	240-212555-L-2	Amber Glass 1 liter - unpreserved				
T500-C-SW	240-212555-M-2	Amber Glass 1 liter - unpreserved				
T375-C-SW	240-212555-A-3	Voa Vial 40ml - Hydrochloric Acid				
T375-C-SW	240-212555-B-3	Voa Vial 40ml - Hydrochloric Acid				
T375-C-SW	240-212555-C-3	Voa Vial 40ml - Hydrochloric Acid				
T375-C-SW	240-212555-D-3	Amber Glass 250ml - unpreserved				
T375-C-SW	240-212555-E-3	Amber Glass 250ml - unpreserved				
T375-C-SW	240-212555-F-3	Plastic 250ml - with Sodium Hydroxide	>12			
T375-C-SW	240-212555-G-3	Plastic 250ml - with Sodium Hydroxide	>12			
T375-C-SW	240-212555-H-3	Plastic 500ml - unpreserved				
T375-C-SW	240-212555-I-3	Plastic 500 mL - unpreserved - dis				

10/11/2024

Client Sample ID	Lab ID	Container Type	Container pH	Container Temp	Preservation Added	Preservation Lot Number
T375-C-SW	240-212555-J-3	Plastic 500ml - with Nitric Acid	<2			
T375-C-SW	240-212555-K-3	Plastic 500ml - w/ Nitric - Dis.	<2			
T375-C-SW	240-212555-L-3	Amber Glass 1 liter - unpreserved				
T375-C-SW	240-212555-M-3	Amber Glass 1 liter - unpreserved				
SW-DUP-1-20241007	240-212555-A-4	Voa Vial 40ml - Hydrochloric Acid				
SW-DUP-1-20241007	240-212555-B-4	Voa Vial 40ml - Hydrochloric Acid				
SW-DUP-1-20241007	240-212555-C-4	Voa Vial 40ml - Hydrochloric Acid				
SW-DUP-1-20241007	240-212555-D-4	Amber Glass 250ml - unpreserved				
SW-DUP-1-20241007	240-212555-E-4	Amber Glass 250ml - unpreserved				
SW-DUP-1-20241007	240-212555-F-4	Plastic 250ml - with Sodium Hydroxide	>12			
SW-DUP-1-20241007	240-212555-G-4	Plastic 250ml - with Sodium Hydroxide	>12			
SW-DUP-1-20241007	240-212555-H-4	Plastic 500ml - unpreserved				
SW-DUP-1-20241007	240-212555-I-4	Plastic 500 mL - unpreserved - dis				
SW-DUP-1-20241007	240-212555-J-4	Plastic 500ml - with Nitric Acid	<2			
SW-DUP-1-20241007	240-212555-K-4	Plastic 500ml - w/ Nitric - Dis.	<2			
SW-DUP-1-20241007	240-212555-L-4	Amber Glass 1 liter - unpreserved				
SW-DUP-1-20241007	240-212555-M-4	Amber Glass 1 liter - unpreserved				
	240-212555-A-5	Voa Vial 40ml - Hydrochloric Acid				

Eurofins Cleveland
180 S. Van Buren Avenue
Barberton, OH 44203
Phone: 330-497-9396 Fax: 330-497-0772

Chain of Custody Record

eurofins | Environment Testing

Client Information (Sub Contract Lab)	Sampler:	Lab PM: Kalis, Nicole A	Carrier Tracking No(s):	COC No: 240-191797.1
Client Contact: Shipping/Receiving	Phone:	E-Mail: Nicole.Kalis@et.eurofinsus.com	State of Origin: Ohio	Page: Page 1 of 1
Company: Eurofins Lancaster Laboratories Environm		Accreditations Required (See note):		Job #: 240-212555-1
Address: 2425 New Holland Pike, ,	Due Date Requested: 10/11/2024	Analysis Requested		Preservation Codes:
City: Lancaster	TAT Requested (days):			
State, Zip: PA, 17601				
Phone: 717-656-2300(Tel)	PO #:			
Email:	WO #:			
Project Name: MSC Canfield - Surface Water	Project #: 24033889			
Site:	SSOW#:			Other:

Sample Identification - Client ID (Lab ID)	Sample Date	Sample Time	Sample Type (C=Comp, G=grab)	Matrix (W=water, S=solid, O=waste/oil, BT=Tissue, A=Air)	1677_Free/ Cyanide, Free	Special Instructions/Note:
RB-1-20241007 (240-212555-1)	10/7/24	09:15 Eastern	G	Water	X	Use caution! Site contaminated with solvent waste
T500-C-SW (240-212555-2)	10/7/24	10:30 Eastern	G	Water	X	Use caution! Site contaminated with solvent waste
T375-C-SW (240-212555-3)	10/7/24	11:30 Eastern	G	Water	X	Use caution! Site contaminated with solvent waste
SW-DUP-1-20241007 (240-212555-4)	10/7/24	Eastern	G	Water	X	Use caution! Site contaminated with solvent waste

Note: Since laboratory accreditations are subject to change, Eurofins Environment Testing North Central, LLC places the ownership of method, analyte & accreditation compliance upon our subcontract laboratories. This sample shipment is forwarded under chain-of-custody. If the laboratory does not currently maintain accreditation in the State of Origin listed above for analysis/tests/matrix being analyzed, the samples must be shipped back to the Eurofins Environment Testing North Central, LLC laboratory or other instructions will be provided. Any changes to accreditation status should be brought to Eurofins Environment Testing North Central, LLC attention immediately. If all requested accreditations are current to date, return the signed Chain of Custody attesting to said compliance to Eurofins Environment Testing North Central, LLC.

Possible Hazard Identification	*Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)*
Unconfirmed	☐ *Return To Client* ☐ *Disposal By Lab* ☐ *Archive For* ____ *Months*
Deliverable Requested: I, II, III, IV, Other (specify) Primary Deliverable Rank: 2	Special Instructions/QC Requirements:

Empty Kit Relinquished by:	Date:	Time:	Method of Shipment:

Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company
JMOROSKO		ETN			
Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company
Relinquished by:	Date/Time:	Company	Received by:	Date/Time: 10/8/24 0505	Company ELET

Custody Seals Intact: ∆ Yes ∆ No	Custody Seal No.:	Cooler Temperature(s) °C and Other Remarks: 4.8/4.5

Ver: 05/06/2024

Login Sample Receipt Checklist

Client: August Mack Environmental, Inc.

Job Number: 240-212555-1

Login Number: 212555
List Number: 2
Creator: McCaskey, Jonathan

List Source: Eurofins Lancaster Laboratories Environment Testing, LLC
List Creation: 10/09/24 12:12 PM

Question	Answer	Comment
The cooler's custody seal is intact.	N/A	
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	True	
Cooler Temperature acceptable,where thermal pres is required(</=6C, not frozen).	True	
Cooler Temperature is recorded.	True	
WV:Container Temp acceptable,where thermal pres is required (</=6C, not frozen).	N/A	
WV: Container Temperature is recorded.	N/A	
COC is present.	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information.	True	
There are no discrepancies between the containers received and the COC.	True	
Sample containers have legible labels.	True	
Containers are not broken or leaking.	True	
Sample collection date/times are provided.	True	
Appropriate sample containers are used.	True	
Sample bottles are completely filled.	True	
There is sufficient vol. for all requested analyses.	True	
Is the Field Sampler's name present on COC?	False	Received project as a subcontract.
Sample custody seals are intact.	N/A	
VOA sample vials do not have headspace >6mm in diameter (none, if from WV)?	N/A	

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ANALYTICAL REPORT

PREPARED FOR

Attn: Kain Lager-Lowe
August Mack Environmental, Inc.
7830 North Central Drive, Suite B
Lewis Center, Ohio 43035

Generated 10/11/2024 10:03:42 PM

JOB DESCRIPTION

MSC Canfield - Soil

JOB NUMBER

240-212566-1

Eurofins Cleveland
180 S. Van Buren Avenue
Barberton OH 44203

See page two for job notes and contact information.

my EOL

Job Notes

This report may not be reproduced except in full, and with written approval from the laboratory. The results relate only to the samples tested. For questions please contact the Project Manager at the e-mail address or telephone number listed on this page.

The test results in this report relate only to the samples as received by the laboratory and will meet all requirements of the methodology, with any exceptions noted. This report shall not be reproduced except in full, without the express written approval of the laboratory. All questions should be directed to the Eurofins Environment Testing North Central, LLC Project Manager.

Authorization



Generated
10/11/2024 10:03:42 PM

Authorized for release by
Nicole Kalis, Project Manager I
Nicole.Kalis@et.eurofinsus.com
(330)497-9396

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Qualifiers

GC/MS VOA

Qualifier	Qualifier Description
F1	MS and/or MSD recovery exceeds control limits.
F2	MS/MSD RPD exceeds control limits
J	Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.

GC/MS Semi VOA

Qualifier	Qualifier Description
*-	LCS and/or LCSD is outside acceptance limits, low biased.
F1	MS and/or MSD recovery exceeds control limits.
F2	MS/MSD RPD exceeds control limits
J	Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.

GC Semi VOA

Qualifier	Qualifier Description
J	Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.

Metals

Qualifier	Qualifier Description
B	Compound was found in the blank and sample.
F1	MS and/or MSD recovery exceeds control limits.
F2	MS/MSD RPD exceeds control limits
J	Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.

General Chemistry

Qualifier	Qualifier Description
4	MS, MSD: The analyte present in the original sample is greater than 4 times the matrix spike concentration; therefore, control limits are not applicable.
F1	MS and/or MSD recovery exceeds control limits.
F2	MS/MSD RPD exceeds control limits
F3	Duplicate RPD exceeds the control limit
J	Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.

Glossary

Abbreviation	These commonly used abbreviations may or may not be present in this report.
☼	Listed under the "D" column to designate that the result is reported on a dry weight basis
%R	Percent Recovery
CFL	Contains Free Liquid
CFU	Colony Forming Unit
CNF	Contains No Free Liquid
DER	Duplicate Error Ratio (normalized absolute difference)
Dil Fac	Dilution Factor
DL	Detection Limit (DoD/DOE)
DL, RA, RE, IN	Indicates a Dilution, Re-analysis, Re-extraction, or additional Initial metals/anion analysis of the sample
DLC	Decision Level Concentration (Radiochemistry)
EDL	Estimated Detection Limit (Dioxin)
LOD	Limit of Detection (DoD/DOE)
LOQ	Limit of Quantitation (DoD/DOE)
MCL	EPA recommended "Maximum Contaminant Level"
MDA	Minimum Detectable Activity (Radiochemistry)
MDC	Minimum Detectable Concentration (Radiochemistry)
MDL	Method Detection Limit
ML	Minimum Level (Dioxin)
MPN	Most Probable Number
MQL	Method Quantitation Limit
NC	Not Calculated
ND	Not Detected at the reporting limit (or MDL or EDL if shown)

Glossary (Continued)

Abbreviation	These commonly used abbreviations may or may not be present in this report.
NEG	Negative / Absent
POS	Positive / Present
PQL	Practical Quantitation Limit
PRES	Presumptive
QC	Quality Control
RER	Relative Error Ratio (Radiochemistry)
RL	Reporting Limit or Requested Limit (Radiochemistry)
RPD	Relative Percent Difference, a measure of the relative difference between two points
TEF	Toxicity Equivalent Factor (Dioxin)
TEQ	Toxicity Equivalent Quotient (Dioxin)
TNTC	Too Numerous To Count

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Job Narrative
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Analytical test results meet all requirements of the associated regulatory program listed on the Accreditation/Certification Summary Page unless otherwise noted under the individual analysis. Data qualifiers and/or narrative comments are included to explain any exceptions, if applicable.

- Matrix QC may not be reported if insufficient sample is provided or site-specific QC samples were not submitted. In these situations, to demonstrate precision and accuracy at a batch level, a LCS/LCSD may be performed, unless otherwise specified in the method.
- Surrogate and/or isotope dilution analyte recoveries (if applicable) which are outside of the QC window are confirmed unless attributed to a dilution or otherwise noted in the narrative.

Regulated compliance samples (e.g. SDWA, NPDES) must comply with the associated agency requirements/permits.

Receipt
The samples were received on 10/7/2024 1:00 PM. Unless otherwise noted below, the samples arrived in good condition, and, where required, properly preserved and on ice. The temperatures of the 3 coolers at receipt time were 1.7°C, 2.4°C and 4.1°C.

Receipt Exceptions
The following samples were listed on the Chain of Custody (COC); however, no samples were received: DUP-7-20241005 (240-212566-4), T1000-W-2.0 (240-212566-10), T625-C-4.0 (240-212566-17), T750-E-2.0 (240-212566-19[DU]), T750-E-2.0 (240-212566-19[MSS]), DUP-5-20241005 (240-212566-22), T1125-W-2.0 (240-212566-25), T1125-W-2.0 (240-212566-25[MSD]), T1125-W-2.0 (240-212566-25[MSI]), T1125-W-2.0 (240-212566-25[MSS]) and T375-W-4.0 (240-212566-29).

Missing one cooler.

Missing cooler received 10/10/24.

GC/MS VOA
Method 8260D: The continuing calibration verification (CCV) associated with batch 240-629852 recovered above the upper control limit for Trichlorofluoromethane. The samples associated with this CCV were non-detects for the affected analytes; therefore, the data have been reported.

Method 8260D: The continuing calibration verification (CCV) analyzed in batch 240-629852 was outside the method criteria for the following analyte(s): Chloroethane. A CCV standard at or below the reporting limit (RL) was analyzed with the affected samples and found to be acceptable. As indicated in the reference method, sample analysis may proceed; however, any detection for the affected analyte(s) is considered estimated.

Method 8260D: The continuing calibration verification (CCV) analyzed in batch 240-629818 was outside the method criteria for the following analyte(s): Bromomethane. A CCV standard at or below the reporting limit (RL) was analyzed with the affected samples and found to be acceptable. As indicated in the reference method, sample analysis may proceed; however, any detection for the affected analyte(s) is considered estimated.

No additional analytical or quality issues were noted, other than those described above or in the Definitions/ Glossary page.

GC/MS Semi VOA
Method 8270E: The continuing calibration verification (CCV) associated with batch 240-630030 recovered above the upper control limit for 4-Nitroaniline and Hexachlorocyclopentadiene. The samples associated with this CCV were non-detect for the affected analytes; therefore, the data has been reported. The associated samples are impacted: DUP-6-20241005 (240-212566-1), T750-W-2.0 (240-212566-2), T875-E-2.0 (240-212566-3), DUP-7-20241005 (240-212566-4), T875-E-4.0 (240-212566-5), T875-W-2.0 (240-212566-6), T875-W-4.0 (240-212566-7), T1000-C-2.0 (240-212566-8), T1000-C-4.0 (240-212566-9), T1000-W-2.0 (240-212566-10), T500-W-2.0 (240-212566-12), T500-W-4.0 (240-212566-13), T625-E-2.0 (240-212566-14), T625-E-4.0 (240-212566-15), T625-C-2.0 (240-212566-16), T625-C-4.0 (240-212566-17), T625-W-2.0 (240-212566-18), T750-E-2.0 (240-212566-19), T750-E-4.0 (240-212566-20), DUP-5-20241005 (240-212566-22), T1125-E-4.0 (240-212566-24) and DUP7-20241005 (240-212566-32).

Method 8270E: The laboratory control sample (LCS) for preparation batch 240-629889 and analytical batch 240-630030 recovered outside control limits for the following analyte: Hexachlorocyclopentadiene. This has been identified as a poor performing analyte when analyzed using this method; therefore, re-extraction/re-analysis was not performed. These results have been reported and

qualified for the following samples: DUP-6-20241005 (240-212566-1), T750-W-2.0 (240-212566-2), T875-E-2.0 (240-212566-3), DUP-7-20241005 (240-212566-4), T875-E-4.0 (240-212566-5), T875-W-2.0 (240-212566-6), T875-W-4.0 (240-212566-7), T1000-C-2.0 (240-212566-8), T1000-C-4.0 (240-212566-9), T1000-W-2.0 (240-212566-10), T500-W-2.0 (240-212566-12), T500-W-4.0 (240-212566-13), T625-E-2.0 (240-212566-14), T625-E-4.0 (240-212566-15), T625-C-2.0 (240-212566-16), T625-C-4.0 (240-212566-17), T625-W-2.0 (240-212566-18), T750-E-2.0 (240-212566-19) and T750-E-4.0 (240-212566-20).

Method 8270E: The continuing calibration verification (CCV) associated with batch 240-630181 recovered above the upper control limit for Hexachlorocyclopentadiene. The samples associated with this CCV were non-detect for the affected analyte; therefore, the data has been reported. The associated samples are impacted: T1125-E-2.0 (240-212566-23), T375-W-2.0 (240-212566-28) and T375-W-4.0 (240-212566-29).

Method 8270E: The continuing calibration verification (CCV) associated with batch 240-630406 recovered above the upper control limit for bis (2-chloroisopropyl) ether and 2-Nitroaniline. The samples associated with this CCV were non-detect for the affected analytes; therefore, the data has been reported. The associated samples are impacted: T1125-W-2.0 (240-212566-25), T375-E-2.0 (240-212566-30), T375-E-4.0 (240-212566-31) and DUP4-20241004 (240-212566-33).

No additional analytical or quality issues were noted, other than those described above or in the Definitions/ Glossary page.

PCBs
Method 8082A: The following samples required a tetrabutylammonium sulfite (TBA) clean-up to reduce matrix interferences caused by sulfur: DUP-6-20241005 (240-212566-1), T750-W-2.0 (240-212566-2), T875-E-2.0 (240-212566-3), DUP-7-20241005 (240-212566-4), T875-E-4.0 (240-212566-5), T875-W-2.0 (240-212566-6), T875-W-4.0 (240-212566-7), T1000-C-2.0 (240-212566-8), T1000-C-4.0 (240-212566-9), T1000-W-2.0 (240-212566-10), T500-W-2.0 (240-212566-12), T500-W-4.0 (240-212566-13), T625-E-2.0 (240-212566-14), T625-E-4.0 (240-212566-15), T625-C-2.0 (240-212566-16), T625-C-4.0 (240-212566-17), T625-W-2.0 (240-212566-18), T750-E-2.0 (240-212566-19), T750-E-2.0 (240-212566-19[MS]), T750-E-2.0 (240-212566-19[MSD]) and T750-E-4.0 (240-212566-20).

Method 8082A: The Decachlorobiphenyl surrogate in the continuing calibration verification (CCV) associated with analytical batch 240-630039 failed criteria. The Aroclors in the opening CCVs passed criteria and all the samples passed surrogate. After careful evaluation the data is reported.

Method 8082A: The following samples required a tetrabutylammonium sulfite (TBA) clean-up to reduce matrix interferences caused by sulfur: DUP-5-20241005 (240-212566-22), T1125-E-4.0 (240-212566-24), T1125-W-2.0 (240-212566-25), T1125-W-2.0 (240-212566-25[MS]), T1125-W-2.0 (240-212566-25[MSD]) and DUP7-20241005 (240-212566-32).

Method 8082A: The method blank for preparation batch 240-629921 contained Aroclor-1242 above the reporting limit (RL). None of the samples associated with this method blank contained the target compound; therefore, re-extraction and/or re-analysis of samples were not performed.

Method 8082A: The Decachlorobiphenyl surrogate in the continuing calibration verification (CCV) associated with analytical batch 240-630188 failed criteria. The Aroclors in the opening CCVs passed criteria and all the samples passed surrogate. After careful evaluation the data is reported.

Method 8082A: The following samples required a tetrabutylammonium sulfite (TBA) clean-up to reduce matrix interferences caused by sulfur: T1125-E-2.0 (240-212566-23), T375-W-2.0 (240-212566-28), T375-W-4.0 (240-212566-29), T375-E-2.0 (240-212566-30), T375-E-4.0 (240-212566-31) and DUP4-20241004 (240-212566-33).

Method 8082A: The following samples appear to contain polychlorinated biphenyls (PCBs); however, due to weathering, other environmental processes and/or contributions from the presence of multiple Aroclors, resulting in overlapping PCB patterns, the PCBs in the samples do not directly match any of the laboratory's Aroclor standards used for instrument calibration: T375-W-2.0 (240-212566-28), T375-W-4.0 (240-212566-29), T375-E-2.0 (240-212566-30), T375-E-4.0 (240-212566-31) and DUP4-20241004 (240-212566-33). The samples have been quantified and reported using the best overall Aroclor/standard pattern match relative to the reference standards.

No additional analytical or quality issues were noted, other than those described above or in the Definitions/ Glossary page.

Metals
No additional analytical or quality issues were noted, other than those described above or in the Definitions/ Glossary page.

General Chemistry
Method 9012B: The following samples were diluted due to the nature of the sample matrix: T375-W-4.0 (240-212566-29), T375-

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E-2.0 (240-212566-30) and T375-E-4.0 (240-212566-31). Elevated reporting limits (RLs) are provided.

Method 9012B: The following sample was diluted due to the nature of the sample matrix: DUP7-20241005 (240-212566-32). Elevated reporting limits (RLs) are provided.

Method 9012B: The matrix spike / matrix spike duplicate (MS/MSD) recoveries for preparation batch 240-630252 and 240-630310 and analytical batch 240-630539 were outside control limits. Sample matrix interference is suspected because the associated laboratory control sample (LCS) recovery was within acceptance limits.

No additional analytical or quality issues were noted, other than those described above or in the Definitions/ Glossary page.

Method Summary

Client: August Mack Environmental, Inc.
Project/Site: MSC Canfield - Soil

Job ID: 240-212566-1

Method	Method Description	Protocol	Laboratory
8260D	Volatile Organic Compounds by GC/MS	SW846	EET CLE
8270E	Semivolatile Organic Compounds (GC/MS)	SW846	EET CLE
8082A	Polychlorinated Biphenyls (PCBs) by Gas Chromatography	SW846	EET CLE
6010D	Metals (ICP)	SW846	EET CLE
7471B	Mercury (CVAA)	SW846	EET CLE
9012B	Cyanide, Total andor Amenable	SW846	EET CLE
Moisture	Percent Moisture	EPA	EET CLE
3050B	Preparation, Metals	SW846	EET CLE
3546	Microwave Extraction	SW846	EET CLE
5030C	Purge and Trap	SW846	EET CLE
7471B	Preparation, Mercury	SW846	EET CLE
9012B	Cyanide, Total and/or Amenable, Distillation	SW846	EET CLE

Protocol References:

EPA = US Environmental Protection Agency

SW846 = "Test Methods For Evaluating Solid Waste, Physical/Chemical Methods", Third Edition, November 1986 And Its Updates.

Laboratory References:

EET CLE = Eurofins Cleveland, 180 S. Van Buren Avenue, Barberton, OH 44203, TEL (330)497-9396

Sample Summary

Client: August Mack Environmental, Inc.
Project/Site: MSC Canfield - Soil

Job ID: 240-212566-1

Lab Sample ID	Client Sample ID	Matrix	Collected	Received
240-212566-1	DUP-6-20241005	Solid	10/05/24 00:00	10/07/24 13:00
240-212566-2	T750-W-2.0	Solid	10/05/24 13:00	10/07/24 13:00
240-212566-3	T875-E-2.0	Solid	10/05/24 14:30	10/07/24 13:00
240-212566-4	DUP-7-20241005	Solid	10/05/24 00:00	10/07/24 13:00
240-212566-5	T875-E-4.0	Solid	10/05/24 14:50	10/07/24 13:00
240-212566-6	T875-W-2.0	Solid	10/05/24 15:50	10/07/24 13:00
240-212566-7	T875-W-4.0	Solid	10/06/24 16:00	10/07/24 13:00
240-212566-8	T1000-C-2.0	Solid	10/06/24 11:50	10/07/24 13:00
240-212566-9	T1000-C-4.0	Solid	10/06/24 12:00	10/07/24 13:00
240-212566-10	T1000-W-2.0	Solid	10/06/24 12:13	10/07/24 13:00
240-212566-12	T500-W-2.0	Solid	10/05/24 08:42	10/07/24 13:00
240-212566-13	T500-W-4.0	Solid	10/05/24 08:55	10/07/24 13:00
240-212566-14	T625-E-2.0	Solid	10/05/24 09:30	10/07/24 13:00
240-212566-15	T625-E-4.0	Solid	10/05/24 09:45	10/07/24 13:00
240-212566-16	T625-C-2.0	Solid	10/05/24 10:15	10/07/24 13:00
240-212566-17	T625-C-4.0	Solid	10/05/24 10:30	10/07/24 13:00
240-212566-18	T625-W-2.0	Solid	10/05/24 11:00	10/07/24 13:00
240-212566-19	T750-E-2.0	Solid	10/05/24 12:15	10/07/24 13:00
240-212566-20	T750-E-4.0	Solid	10/05/24 12:40	10/07/24 13:00
240-212566-21	TB-4-20241006	Water	10/06/24 00:00	10/07/24 13:00
240-212566-22	DUP-5-20241005	Solid	10/05/24 00:00	10/07/24 13:00
240-212566-23	T1125-E-2.0	Solid	10/06/24 13:45	10/07/24 13:00
240-212566-24	T1125-E-4.0	Solid	10/06/24 14:14	10/07/24 13:00
240-212566-25	T1125-W-2.0	Solid	10/06/24 14:30	10/07/24 13:00
240-212566-26	TB-5-20241006	Water	10/06/24 00:00	10/07/24 13:00
240-212566-27	TB-6-20241006	Water	10/06/24 00:00	10/07/24 13:00
240-212566-28	T375-W-2.0	Solid	10/04/24 16:03	10/07/24 13:00
240-212566-29	T375-W-4.0	Solid	10/04/24 16:30	10/07/24 13:00
240-212566-30	T375-E-2.0	Solid	10/04/24 15:30	10/07/24 13:00
240-212566-31	T375-E-4.0	Solid	10/04/24 15:35	10/07/24 13:00
240-212566-32	DUP7-20241005	Solid	10/05/24 00:00	10/07/24 13:00
240-212566-33	DUP4-20241004	Solid	10/04/24 00:00	10/07/24 13:00

Detection Summary

Client: August Mack Environmental, Inc.
Project/Site: MSC Canfield - Soil

Job ID: 240-212566-1

Client Sample ID: DUP-6-20241005 — Lab Sample ID: 240-212566-1

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Benzo[b]fluoranthene	17	J	48	14	ug/Kg	1	☼	8270E	Total/NA
Chrysene	18	J	48	17	ug/Kg	1	☼	8270E	Total/NA
Fluoranthene	26	J	48	17	ug/Kg	1	☼	8270E	Total/NA
Pyrene	19	J	48	19	ug/Kg	1	☼	8270E	Total/NA
Arsenic	21		1.6	0.33	mg/Kg	1	☼	6010D	Total/NA
Barium	66		21	0.13	mg/Kg	1	☼	6010D	Total/NA
Cadmium	0.066	J	0.52	0.050	mg/Kg	1	☼	6010D	Total/NA
Chromium	16		1.0	0.36	mg/Kg	1	☼	6010D	Total/NA
Copper	24		2.6	0.73	mg/Kg	1	☼	6010D	Total/NA
Lead	29		1.0	0.30	mg/Kg	1	☼	6010D	Total/NA
Zinc	210		5.2	3.8	mg/Kg	1	☼	6010D	Total/NA
Mercury	0.071	J B	0.13	0.023	mg/Kg	1	☼	7471B	Total/NA
Cyanide, Total	48		18	14	mg/Kg	25	☼	9012B	Total/NA

Client Sample ID: T750-W-2.0 — Lab Sample ID: 240-212566-2

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Arsenic	16		1.7	0.35	mg/Kg	1	☼	6010D	Total/NA
Barium	43		22	0.14	mg/Kg	1	☼	6010D	Total/NA
Chromium	14		1.1	0.38	mg/Kg	1	☼	6010D	Total/NA
Copper	17		2.8	0.78	mg/Kg	1	☼	6010D	Total/NA
Lead	11		1.1	0.31	mg/Kg	1	☼	6010D	Total/NA
Zinc	200		5.6	4.0	mg/Kg	1	☼	6010D	Total/NA
Mercury	0.047	J B	0.14	0.024	mg/Kg	1	☼	7471B	Total/NA
Cyanide, Total	52		15	12	mg/Kg	25	☼	9012B	Total/NA

Client Sample ID: T875-E-2.0 — Lab Sample ID: 240-212566-3

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
2-Butanone (MEK)	8.2	J	25	4.4	ug/Kg	1	☼	8260D	Total/NA
Acetone	37		31	26	ug/Kg	1	☼	8260D	Total/NA
2-Methylnaphthalene	30	J	48	16	ug/Kg	1	☼	8270E	Total/NA
Benzo[b]fluoranthene	17	J	48	14	ug/Kg	1	☼	8270E	Total/NA
Chrysene	19	J	48	17	ug/Kg	1	☼	8270E	Total/NA
Fluoranthene	40	J	48	17	ug/Kg	1	☼	8270E	Total/NA
Naphthalene	22	J	48	16	ug/Kg	1	☼	8270E	Total/NA
Phenanthrene	23	J	48	16	ug/Kg	1	☼	8270E	Total/NA
Pyrene	34	J	48	19	ug/Kg	1	☼	8270E	Total/NA
Arsenic	20		1.9	0.39	mg/Kg	1	☼	6010D	Total/NA
Barium	46		25	0.16	mg/Kg	1	☼	6010D	Total/NA
Cadmium	0.078	J	0.62	0.060	mg/Kg	1	☼	6010D	Total/NA
Chromium	14		1.2	0.43	mg/Kg	1	☼	6010D	Total/NA
Copper	19		3.1	0.87	mg/Kg	1	☼	6010D	Total/NA
Lead	15		1.2	0.35	mg/Kg	1	☼	6010D	Total/NA
Zinc	68		6.2	4.5	mg/Kg	1	☼	6010D	Total/NA
Mercury	0.056	J B	0.11	0.019	mg/Kg	1	☼	7471B	Total/NA
Cyanide, Total	1.8		0.67	0.54	mg/Kg	1	☼	9012B	Total/NA

Client Sample ID: DUP-7-20241005 — Lab Sample ID: 240-212566-4

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Arsenic	10		1.5	0.32	mg/Kg	1	☼	6010D	Total/NA

This Detection Summary does not include radiochemical test results.

Client Sample ID: DUP-7-20241005 (Continued)

Lab Sample ID: 240-212566-4

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Barium	48		21	0.13	mg/Kg	1	☼	6010D	Total/NA
Chromium	13		1.0	0.35	mg/Kg	1	☼	6010D	Total/NA
Copper	17		2.6	0.72	mg/Kg	1	☼	6010D	Total/NA
Lead	14		1.0	0.29	mg/Kg	1	☼	6010D	Total/NA
Selenium	0.54	J	2.1	0.48	mg/Kg	1	☼	6010D	Total/NA
Zinc	65		5.1	3.7	mg/Kg	1	☼	6010D	Total/NA
Mercury	0.056	J B	0.11	0.020	mg/Kg	1	☼	7471B	Total/NA
Cyanide, Total	1.2		0.73	0.58	mg/Kg	1	☼	9012B	Total/NA

Client Sample ID: T875-E-4.0

Lab Sample ID: 240-212566-5

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
2-Butanone (MEK)	7.3	J	24	4.3	ug/Kg	1	☼	8260D	Total/NA
Acetone	28	J	30	25	ug/Kg	1	☼	8260D	Total/NA
2-Methylnaphthalene	39	J	48	16	ug/Kg	1	☼	8270E	Total/NA
Acenaphthylene	46	J	48	18	ug/Kg	1	☼	8270E	Total/NA
Anthracene	63		48	14	ug/Kg	1	☼	8270E	Total/NA
Benzo[a]anthracene	210		48	18	ug/Kg	1	☼	8270E	Total/NA
Benzo[a]pyrene	170		48	17	ug/Kg	1	☼	8270E	Total/NA
Benzo[b]fluoranthene	240		48	14	ug/Kg	1	☼	8270E	Total/NA
Benzo[g,h,i]perylene	120		48	33	ug/Kg	1	☼	8270E	Total/NA
Benzo[k]fluoranthene	110		48	12	ug/Kg	1	☼	8270E	Total/NA
Chrysene	190		48	17	ug/Kg	1	☼	8270E	Total/NA
Dibenz(a,h)anthracene	38	J	48	18	ug/Kg	1	☼	8270E	Total/NA
Fluoranthene	510		48	17	ug/Kg	1	☼	8270E	Total/NA
Fluorene	29	J	48	17	ug/Kg	1	☼	8270E	Total/NA
Indeno[1,2,3-cd]pyrene	100		48	14	ug/Kg	1	☼	8270E	Total/NA
Naphthalene	30	J	48	16	ug/Kg	1	☼	8270E	Total/NA
Phenanthrene	300		48	16	ug/Kg	1	☼	8270E	Total/NA
Pyrene	380		48	19	ug/Kg	1	☼	8270E	Total/NA
Arsenic	11		1.4	0.30	mg/Kg	1	☼	6010D	Total/NA
Barium	44		19	0.12	mg/Kg	1	☼	6010D	Total/NA
Cadmium	0.060	J	0.47	0.045	mg/Kg	1	☼	6010D	Total/NA
Chromium	13		0.94	0.32	mg/Kg	1	☼	6010D	Total/NA
Copper	16		2.3	0.66	mg/Kg	1	☼	6010D	Total/NA
Lead	11		0.94	0.27	mg/Kg	1	☼	6010D	Total/NA
Selenium	0.53	J	1.9	0.44	mg/Kg	1	☼	6010D	Total/NA
Zinc	66		4.7	3.4	mg/Kg	1	☼	6010D	Total/NA
Mercury	0.054	J B	0.11	0.020	mg/Kg	1	☼	7471B	Total/NA
Cyanide, Total	14	J	15	12	mg/Kg	25	☼	9012B	Total/NA

Client Sample ID: T875-W-2.0

Lab Sample ID: 240-212566-6

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
2-Methylnaphthalene	39	J	45	14	ug/Kg	1	☼	8270E	Total/NA
Benzo[b]fluoranthene	13	J	45	13	ug/Kg	1	☼	8270E	Total/NA
Chrysene	20	J	45	16	ug/Kg	1	☼	8270E	Total/NA
Fluoranthene	23	J	45	16	ug/Kg	1	☼	8270E	Total/NA
Naphthalene	28	J	45	14	ug/Kg	1	☼	8270E	Total/NA
Phenanthrene	25	J	45	14	ug/Kg	1	☼	8270E	Total/NA
Pyrene	20	J	45	18	ug/Kg	1	☼	8270E	Total/NA
Arsenic	12		1.4	0.29	mg/Kg	1	☼	6010D	Total/NA

This Detection Summary does not include radiochemical test results.

Client Sample ID: T875-W-2.0 (Continued)

Lab Sample ID: 240-212566-6

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Barium	48		18	0.12	mg/Kg	1	☼	6010D	Total/NA
Cadmium	0.10	J	0.46	0.044	mg/Kg	1	☼	6010D	Total/NA
Chromium	12		0.92	0.32	mg/Kg	1	☼	6010D	Total/NA
Copper	19		2.3	0.65	mg/Kg	1	☼	6010D	Total/NA
Lead	13		0.92	0.26	mg/Kg	1	☼	6010D	Total/NA
Zinc	93		4.6	3.3	mg/Kg	1	☼	6010D	Total/NA
Mercury	0.047	J B	0.10	0.018	mg/Kg	1	☼	7471B	Total/NA
Cyanide, Total	4.0	F1 F2	3.4	2.7	mg/Kg	5	☼	9012B	Total/NA

Client Sample ID: T875-W-4.0

Lab Sample ID: 240-212566-7

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
2-Methylnaphthalene	23	J	39	13	ug/Kg	1	☼	8270E	Total/NA
Benzo[b]fluoranthene	14	J	39	12	ug/Kg	1	☼	8270E	Total/NA
Fluoranthene	16	J	39	14	ug/Kg	1	☼	8270E	Total/NA
Naphthalene	13	J	39	13	ug/Kg	1	☼	8270E	Total/NA
Phenanthrene	15	J	39	13	ug/Kg	1	☼	8270E	Total/NA
Arsenic	14		1.4	0.29	mg/Kg	1	☼	6010D	Total/NA
Barium	41		19	0.12	mg/Kg	1	☼	6010D	Total/NA
Chromium	12		0.93	0.32	mg/Kg	1	☼	6010D	Total/NA
Copper	17		2.3	0.65	mg/Kg	1	☼	6010D	Total/NA
Lead	9.9		0.93	0.26	mg/Kg	1	☼	6010D	Total/NA
Zinc	62		4.6	3.4	mg/Kg	1	☼	6010D	Total/NA
Mercury	0.040	J B	0.11	0.020	mg/Kg	1	☼	7471B	Total/NA
Cyanide, Total	5.4		0.45	0.35	mg/Kg	1	☼	9012B	Total/NA

Client Sample ID: T1000-C-2.0

Lab Sample ID: 240-212566-8

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
2-Methylnaphthalene	75		64	21	ug/Kg	1	☼	8270E	Total/NA
Benzo[a]anthracene	36	J	64	24	ug/Kg	1	☼	8270E	Total/NA
Benzo[a]pyrene	29	J	64	22	ug/Kg	1	☼	8270E	Total/NA
Benzo[b]fluoranthene	42	J	64	19	ug/Kg	1	☼	8270E	Total/NA
Chrysene	56	J	64	22	ug/Kg	1	☼	8270E	Total/NA
Fluoranthene	43	J	64	22	ug/Kg	1	☼	8270E	Total/NA
Naphthalene	59	J	64	21	ug/Kg	1	☼	8270E	Total/NA
Phenanthrene	36	J	64	21	ug/Kg	1	☼	8270E	Total/NA
Pyrene	48	J	64	26	ug/Kg	1	☼	8270E	Total/NA
Arsenic	28		2.1	0.45	mg/Kg	1	☼	6010D	Total/NA
Barium	97		28	0.18	mg/Kg	1	☼	6010D	Total/NA
Cadmium	0.27	J	0.71	0.068	mg/Kg	1	☼	6010D	Total/NA
Chromium	17		1.4	0.48	mg/Kg	1	☼	6010D	Total/NA
Copper	26		3.5	0.99	mg/Kg	1	☼	6010D	Total/NA
Lead	24		1.4	0.40	mg/Kg	1	☼	6010D	Total/NA
Selenium	0.68	J	2.8	0.66	mg/Kg	1	☼	6010D	Total/NA
Zinc	160		7.1	5.1	mg/Kg	1	☼	6010D	Total/NA
Mercury	0.083	J B	0.16	0.029	mg/Kg	1	☼	7471B	Total/NA
Cyanide, Total	11		0.91	0.73	mg/Kg	1	☼	9012B	Total/NA

This Detection Summary does not include radiochemical test results.

Detection Summary

Client: August Mack Environmental, Inc.
Project/Site: MSC Canfield - Soil

Job ID: 240-212566-1

Client Sample ID: T1000-C-4.0 — Lab Sample ID: 240-212566-9

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
2-Butanone (MEK)	11	J	24	4.3	ug/Kg	1	☼	8260D	Total/NA
Acetone	41		30	25	ug/Kg	1	☼	8260D	Total/NA
2-Methylnaphthalene	100		49	16	ug/Kg	1	☼	8270E	Total/NA
Acenaphthylene	25	J	49	18	ug/Kg	1	☼	8270E	Total/NA
Anthracene	46	J	49	15	ug/Kg	1	☼	8270E	Total/NA
Benzo[a]anthracene	150		49	18	ug/Kg	1	☼	8270E	Total/NA
Benzo[a]pyrene	130		49	17	ug/Kg	1	☼	8270E	Total/NA
Benzo[b]fluoranthene	170		49	15	ug/Kg	1	☼	8270E	Total/NA
Benzo[g,h,i]perylene	77		49	33	ug/Kg	1	☼	8270E	Total/NA
Benzo[k]fluoranthene	70		49	12	ug/Kg	1	☼	8270E	Total/NA
Chrysene	150		49	17	ug/Kg	1	☼	8270E	Total/NA
Dibenz(a,h)anthracene	36	J	49	18	ug/Kg	1	☼	8270E	Total/NA
Fluoranthene	280		49	17	ug/Kg	1	☼	8270E	Total/NA
Indeno[1,2,3-cd]pyrene	55		49	15	ug/Kg	1	☼	8270E	Total/NA
Naphthalene	69		49	16	ug/Kg	1	☼	8270E	Total/NA
Phenanthrene	110		49	16	ug/Kg	1	☼	8270E	Total/NA
Pyrene	210		49	20	ug/Kg	1	☼	8270E	Total/NA
3 & 4 Methylphenol	75	J	490	50	ug/Kg	1	☼	8270E	Total/NA
Arsenic	11		1.5	0.31	mg/Kg	1	☼	6010D	Total/NA
Barium	48		20	0.12	mg/Kg	1	☼	6010D	Total/NA
Cadmium	0.067	J	0.49	0.047	mg/Kg	1	☼	6010D	Total/NA
Chromium	13		0.98	0.33	mg/Kg	1	☼	6010D	Total/NA
Copper	18		2.4	0.68	mg/Kg	1	☼	6010D	Total/NA
Lead	13		0.98	0.28	mg/Kg	1	☼	6010D	Total/NA
Zinc	95		4.9	3.5	mg/Kg	1	☼	6010D	Total/NA
Mercury	0.058	J B	0.12	0.022	mg/Kg	1	☼	7471B	Total/NA
Cyanide, Total	21		14	11	mg/Kg	25	☼	9012B	Total/NA

Client Sample ID: T1000-W-2.0 — Lab Sample ID: 240-212566-10

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
2-Butanone (MEK)	3.9	J	22	3.9	ug/Kg	1	☼	8260D	Total/NA
Arsenic	14		1.5	0.32	mg/Kg	1	☼	6010D	Total/NA
Barium	31		20	0.13	mg/Kg	1	☼	6010D	Total/NA
Chromium	11		1.0	0.35	mg/Kg	1	☼	6010D	Total/NA
Copper	17		2.5	0.71	mg/Kg	1	☼	6010D	Total/NA
Lead	11		1.0	0.29	mg/Kg	1	☼	6010D	Total/NA
Zinc	70		5.1	3.7	mg/Kg	1	☼	6010D	Total/NA
Mercury	0.050	J B	0.12	0.022	mg/Kg	1	☼	7471B	Total/NA
Cyanide, Total	6.3		0.62	0.49	mg/Kg	1	☼	9012B	Total/NA

Client Sample ID: T500-W-2.0 — Lab Sample ID: 240-212566-12

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
2-Butanone (MEK)	11	J	26	4.6	ug/Kg	1	☼	8260D	Total/NA
Acetone	50		32	27	ug/Kg	1	☼	8260D	Total/NA
Arsenic	13		1.4	0.30	mg/Kg	1	☼	6010D	Total/NA
Barium	75		19	0.12	mg/Kg	1	☼	6010D	Total/NA
Cadmium	0.14	J	0.48	0.046	mg/Kg	1	☼	6010D	Total/NA
Chromium	16		0.96	0.33	mg/Kg	1	☼	6010D	Total/NA
Copper	11		2.4	0.67	mg/Kg	1	☼	6010D	Total/NA
Lead	19		0.96	0.27	mg/Kg	1	☼	6010D	Total/NA

This Detection Summary does not include radiochemical test results.

Client Sample ID: T500-W-2.0 (Continued)

Lab Sample ID: 240-212566-12

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Selenium	0.56	J	1.9	0.45	mg/Kg	1	☼	6010D	Total/NA
Zinc	600		4.8	3.5	mg/Kg	1	☼	6010D	Total/NA
Mercury	0.076	J B	0.11	0.021	mg/Kg	1	☼	7471B	Total/NA
Cyanide, Total	2.8		0.55	0.44	mg/Kg	1	☼	9012B	Total/NA

Client Sample ID: T500-W-4.0

Lab Sample ID: 240-212566-13

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
2-Butanone (MEK)	8.1	J	25	4.5	ug/Kg	1	☼	8260D	Total/NA
Acetone	58		31	26	ug/Kg	1	☼	8260D	Total/NA
Benzo[a]anthracene	46	J	51	19	ug/Kg	1	☼	8270E	Total/NA
Benzo[a]pyrene	58		51	18	ug/Kg	1	☼	8270E	Total/NA
Benzo[b]fluoranthene	110		51	15	ug/Kg	1	☼	8270E	Total/NA
Benzo[g,h,i]perylene	65		51	35	ug/Kg	1	☼	8270E	Total/NA
Benzo[k]fluoranthene	25	J	51	13	ug/Kg	1	☼	8270E	Total/NA
Chrysene	66		51	18	ug/Kg	1	☼	8270E	Total/NA
Fluoranthene	110		51	18	ug/Kg	1	☼	8270E	Total/NA
Indeno[1,2,3-cd]pyrene	51		51	15	ug/Kg	1	☼	8270E	Total/NA
Phenanthrene	40	J	51	17	ug/Kg	1	☼	8270E	Total/NA
Pyrene	85		51	21	ug/Kg	1	☼	8270E	Total/NA
Arsenic	11		1.9	0.40	mg/Kg	1	☼	6010D	Total/NA
Barium	62		25	0.16	mg/Kg	1	☼	6010D	Total/NA
Chromium	16		1.3	0.43	mg/Kg	1	☼	6010D	Total/NA
Copper	17		3.1	0.88	mg/Kg	1	☼	6010D	Total/NA
Lead	12		1.3	0.35	mg/Kg	1	☼	6010D	Total/NA
Zinc	130		6.3	4.6	mg/Kg	1	☼	6010D	Total/NA
Mercury	0.070	J B	0.12	0.022	mg/Kg	1	☼	7471B	Total/NA
Cyanide, Total	14		0.64	0.51	mg/Kg	1	☼	9012B	Total/NA

Client Sample ID: T625-E-2.0

Lab Sample ID: 240-212566-14

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
2-Methylnaphthalene	37	J	51	17	ug/Kg	1	☼	8270E	Total/NA
Benzo[a]anthracene	39	J	51	19	ug/Kg	1	☼	8270E	Total/NA
Benzo[a]pyrene	33	J	51	18	ug/Kg	1	☼	8270E	Total/NA
Benzo[b]fluoranthene	60		51	15	ug/Kg	1	☼	8270E	Total/NA
Benzo[g,h,i]perylene	35	J	51	34	ug/Kg	1	☼	8270E	Total/NA
Benzo[k]fluoranthene	23	J	51	13	ug/Kg	1	☼	8270E	Total/NA
Chrysene	48	J	51	18	ug/Kg	1	☼	8270E	Total/NA
Fluoranthene	74		51	18	ug/Kg	1	☼	8270E	Total/NA
Indeno[1,2,3-cd]pyrene	25	J	51	15	ug/Kg	1	☼	8270E	Total/NA
Naphthalene	25	J	51	17	ug/Kg	1	☼	8270E	Total/NA
Phenanthrene	52		51	17	ug/Kg	1	☼	8270E	Total/NA
Pyrene	66		51	20	ug/Kg	1	☼	8270E	Total/NA
Aroclor-1254	26	J	62	26	ug/Kg	1	☼	8082A	Total/NA
Arsenic	14		1.5	0.31	mg/Kg	1	☼	6010D	Total/NA
Barium	64		19	0.12	mg/Kg	1	☼	6010D	Total/NA
Cadmium	0.16	J	0.48	0.047	mg/Kg	1	☼	6010D	Total/NA
Chromium	16		0.97	0.33	mg/Kg	1	☼	6010D	Total/NA
Copper	23		2.4	0.68	mg/Kg	1	☼	6010D	Total/NA
Lead	20		0.97	0.27	mg/Kg	1	☼	6010D	Total/NA
Selenium	0.55	J	1.9	0.45	mg/Kg	1	☼	6010D	Total/NA

This Detection Summary does not include radiochemical test results.

Client Sample ID: T625-E-2.0 (Continued) — Lab Sample ID: 240-212566-14

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Zinc	230		4.8	3.5	mg/Kg	1	☼	6010D	Total/NA
Mercury	0.083	J B	0.14	0.026	mg/Kg	1	☼	7471B	Total/NA
Cyanide, Total	40		17	14	mg/Kg	25	☼	9012B	Total/NA

Client Sample ID: T625-E-4.0 — Lab Sample ID: 240-212566-15

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
2-Butanone (MEK)	6.9	J	25	4.4	ug/Kg	1	☼	8260D	Total/NA
Acetone	33		31	26	ug/Kg	1	☼	8260D	Total/NA
2-Methylnaphthalene	47	J	49	16	ug/Kg	1	☼	8270E	Total/NA
Benzo[a]anthracene	18	J	49	18	ug/Kg	1	☼	8270E	Total/NA
Benzo[a]pyrene	19	J	49	17	ug/Kg	1	☼	8270E	Total/NA
Benzo[b]fluoranthene	30	J	49	15	ug/Kg	1	☼	8270E	Total/NA
Benzo[k]fluoranthene	14	J	49	12	ug/Kg	1	☼	8270E	Total/NA
Chrysene	33	J	49	17	ug/Kg	1	☼	8270E	Total/NA
Fluoranthene	44	J	49	17	ug/Kg	1	☼	8270E	Total/NA
Naphthalene	35	J	49	16	ug/Kg	1	☼	8270E	Total/NA
Phenanthrene	40	J	49	16	ug/Kg	1	☼	8270E	Total/NA
Pyrene	34	J	49	19	ug/Kg	1	☼	8270E	Total/NA
Arsenic	15		1.6	0.33	mg/Kg	1	☼	6010D	Total/NA
Barium	61		21	0.13	mg/Kg	1	☼	6010D	Total/NA
Cadmium	0.13	J	0.52	0.050	mg/Kg	1	☼	6010D	Total/NA
Chromium	16		1.0	0.36	mg/Kg	1	☼	6010D	Total/NA
Copper	28		2.6	0.74	mg/Kg	1	☼	6010D	Total/NA
Lead	20		1.0	0.30	mg/Kg	1	☼	6010D	Total/NA
Zinc	160		5.2	3.8	mg/Kg	1	☼	6010D	Total/NA
Mercury	0.11	J B	0.13	0.023	mg/Kg	1	☼	7471B	Total/NA
Cyanide, Total	7.3		0.63	0.50	mg/Kg	1	☼	9012B	Total/NA

Client Sample ID: T625-C-2.0 — Lab Sample ID: 240-212566-16

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
2-Methylnaphthalene	16	J	50	16	ug/Kg	1	☼	8270E	Total/NA
Arsenic	14		1.7	0.36	mg/Kg	1	☼	6010D	Total/NA
Barium	69		23	0.14	mg/Kg	1	☼	6010D	Total/NA
Cadmium	0.31	J	0.56	0.054	mg/Kg	1	☼	6010D	Total/NA
Chromium	16		1.1	0.39	mg/Kg	1	☼	6010D	Total/NA
Copper	33		2.8	0.79	mg/Kg	1	☼	6010D	Total/NA
Lead	25		1.1	0.32	mg/Kg	1	☼	6010D	Total/NA
Selenium	1.0	J	2.3	0.53	mg/Kg	1	☼	6010D	Total/NA
Zinc	550		5.6	4.1	mg/Kg	1	☼	6010D	Total/NA
Mercury	0.072	J B	0.12	0.022	mg/Kg	1	☼	7471B	Total/NA
Cyanide, Total	12	J	13	10	mg/Kg	25	☼	9012B	Total/NA

Client Sample ID: T625-C-4.0 — Lab Sample ID: 240-212566-17

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Benzo[a]pyrene	19	J	48	17	ug/Kg	1	☼	8270E	Total/NA
Benzo[b]fluoranthene	27	J	48	14	ug/Kg	1	☼	8270E	Total/NA
Benzo[k]fluoranthene	16	J	48	12	ug/Kg	1	☼	8270E	Total/NA
Chrysene	22	J	48	17	ug/Kg	1	☼	8270E	Total/NA
Fluoranthene	41	J	48	17	ug/Kg	1	☼	8270E	Total/NA

This Detection Summary does not include radiochemical test results.

Client Sample ID: T625-C-4.0 (Continued)

Lab Sample ID: 240-212566-17

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Indeno[1,2,3-cd]pyrene	17	J	48	14	ug/Kg	1	☼	8270E	Total/NA
Phenanthrene	21	J	48	16	ug/Kg	1	☼	8270E	Total/NA
Pyrene	37	J	48	19	ug/Kg	1	☼	8270E	Total/NA
Arsenic	17		1.4	0.29	mg/Kg	1	☼	6010D	Total/NA
Barium	43		18	0.11	mg/Kg	1	☼	6010D	Total/NA
Cadmium	0.15	J	0.46	0.044	mg/Kg	1	☼	6010D	Total/NA
Chromium	14		0.91	0.31	mg/Kg	1	☼	6010D	Total/NA
Copper	18		2.3	0.64	mg/Kg	1	☼	6010D	Total/NA
Lead	15		0.91	0.26	mg/Kg	1	☼	6010D	Total/NA
Zinc	860		4.6	3.3	mg/Kg	1	☼	6010D	Total/NA
Cyanide, Total	3.2		0.69	0.55	mg/Kg	1	☼	9012B	Total/NA

Client Sample ID: T625-W-2.0

Lab Sample ID: 240-212566-18

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
2-Butanone (MEK)	5.7	J	23	4.1	ug/Kg	1	☼	8260D	Total/NA
Acetone	35		29	24	ug/Kg	1	☼	8260D	Total/NA
2-Methylnaphthalene	46		46	15	ug/Kg	1	☼	8270E	Total/NA
Anthracene	18	J	46	14	ug/Kg	1	☼	8270E	Total/NA
Benzo[a]anthracene	81		46	17	ug/Kg	1	☼	8270E	Total/NA
Benzo[a]pyrene	83		46	16	ug/Kg	1	☼	8270E	Total/NA
Benzo[b]fluoranthene	160		46	14	ug/Kg	1	☼	8270E	Total/NA
Benzo[g,h,i]perylene	89		46	31	ug/Kg	1	☼	8270E	Total/NA
Benzo[k]fluoranthene	39	J	46	12	ug/Kg	1	☼	8270E	Total/NA
Chrysene	110		46	16	ug/Kg	1	☼	8270E	Total/NA
Dibenz(a,h)anthracene	30	J	46	17	ug/Kg	1	☼	8270E	Total/NA
Fluoranthene	170		46	16	ug/Kg	1	☼	8270E	Total/NA
Indeno[1,2,3-cd]pyrene	64		46	14	ug/Kg	1	☼	8270E	Total/NA
Naphthalene	34	J	46	15	ug/Kg	1	☼	8270E	Total/NA
Phenanthrene	96		46	15	ug/Kg	1	☼	8270E	Total/NA
Pyrene	140		46	19	ug/Kg	1	☼	8270E	Total/NA
Aroclor-1260	30	J	59	25	ug/Kg	1	☼	8082A	Total/NA
Arsenic	17		1.6	0.35	mg/Kg	1	☼	6010D	Total/NA
Barium	44		22	0.14	mg/Kg	1	☼	6010D	Total/NA
Chromium	14		1.1	0.38	mg/Kg	1	☼	6010D	Total/NA
Copper	21		2.7	0.77	mg/Kg	1	☼	6010D	Total/NA
Lead	12		1.1	0.31	mg/Kg	1	☼	6010D	Total/NA
Zinc	68		5.5	4.0	mg/Kg	1	☼	6010D	Total/NA
Mercury	0.061	J B	0.14	0.025	mg/Kg	1	☼	7471B	Total/NA
Cyanide, Total	78		15	12	mg/Kg	25	☼	9012B	Total/NA

Client Sample ID: T750-E-2.0

Lab Sample ID: 240-212566-19

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
2-Butanone (MEK)	11	J F2	25	4.4	ug/Kg	1	☼	8260D	Total/NA
Acetone	45		31	26	ug/Kg	1	☼	8260D	Total/NA
2-Methylnaphthalene	47	J	50	16	ug/Kg	1	☼	8270E	Total/NA
Acenaphthene	41	J	50	17	ug/Kg	1	☼	8270E	Total/NA
Anthracene	60	F1	50	15	ug/Kg	1	☼	8270E	Total/NA
Benzo[a]anthracene	35	J	50	19	ug/Kg	1	☼	8270E	Total/NA
Benzo[a]pyrene	31	J	50	17	ug/Kg	1	☼	8270E	Total/NA
Benzo[b]fluoranthene	50		50	15	ug/Kg	1	☼	8270E	Total/NA

This Detection Summary does not include radiochemical test results.

Client Sample ID: T750-E-2.0 (Continued)

Lab Sample ID: 240-212566-19

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Benzo[k]fluoranthene	16	J	50	12	ug/Kg	1	☼	8270E	Total/NA
Chrysene	46	J	50	17	ug/Kg	1	☼	8270E	Total/NA
Dibenzofuran	60	J	120	36	ug/Kg	1	☼	8270E	Total/NA
Fluoranthene	160	F1	50	17	ug/Kg	1	☼	8270E	Total/NA
Fluorene	73	F1	50	17	ug/Kg	1	☼	8270E	Total/NA
Indeno[1,2,3-cd]pyrene	18	J F1	50	15	ug/Kg	1	☼	8270E	Total/NA
Naphthalene	31	J	50	16	ug/Kg	1	☼	8270E	Total/NA
Phenanthrene	240	F1	50	16	ug/Kg	1	☼	8270E	Total/NA
Pyrene	100		50	20	ug/Kg	1	☼	8270E	Total/NA
Arsenic	13		1.4	0.29	mg/Kg	1	☼	6010D	Total/NA
Barium	56		18	0.11	mg/Kg	1	☼	6010D	Total/NA
Cadmium	0.13	J	0.46	0.044	mg/Kg	1	☼	6010D	Total/NA
Chromium	13		0.91	0.31	mg/Kg	1	☼	6010D	Total/NA
Copper	20		2.3	0.64	mg/Kg	1	☼	6010D	Total/NA
Lead	17		0.91	0.26	mg/Kg	1	☼	6010D	Total/NA
Zinc	110		4.6	3.3	mg/Kg	1	☼	6010D	Total/NA
Mercury	0.047	J B	0.13	0.024	mg/Kg	1	☼	7471B	Total/NA

Client Sample ID: T750-E-4.0

Lab Sample ID: 240-212566-20

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
2-Butanone (MEK)	7.2	J	25	4.5	ug/Kg	1	☼	8260D	Total/NA
Acetone	31	J	32	27	ug/Kg	1	☼	8260D	Total/NA
2-Methylnaphthalene	100		51	17	ug/Kg	1	☼	8270E	Total/NA
Anthracene	17	J	51	15	ug/Kg	1	☼	8270E	Total/NA
Benzo[a]anthracene	61		51	19	ug/Kg	1	☼	8270E	Total/NA
Benzo[a]pyrene	46	J	51	18	ug/Kg	1	☼	8270E	Total/NA
Benzo[b]fluoranthene	84		51	15	ug/Kg	1	☼	8270E	Total/NA
Benzo[g,h,i]perylene	47	J	51	35	ug/Kg	1	☼	8270E	Total/NA
Benzo[k]fluoranthene	35	J	51	13	ug/Kg	1	☼	8270E	Total/NA
Chrysene	67		51	18	ug/Kg	1	☼	8270E	Total/NA
Dibenzofuran	45	J	130	37	ug/Kg	1	☼	8270E	Total/NA
Fluoranthene	140		51	18	ug/Kg	1	☼	8270E	Total/NA
Indeno[1,2,3-cd]pyrene	31	J	51	15	ug/Kg	1	☼	8270E	Total/NA
Naphthalene	66		51	17	ug/Kg	1	☼	8270E	Total/NA
Phenanthrene	130		51	17	ug/Kg	1	☼	8270E	Total/NA
Pyrene	100		51	20	ug/Kg	1	☼	8270E	Total/NA
Arsenic	14		1.5	0.32	mg/Kg	1	☼	6010D	Total/NA
Barium	50		20	0.13	mg/Kg	1	☼	6010D	Total/NA
Cadmium	0.12	J	0.51	0.049	mg/Kg	1	☼	6010D	Total/NA
Chromium	15		1.0	0.35	mg/Kg	1	☼	6010D	Total/NA
Copper	20		2.5	0.71	mg/Kg	1	☼	6010D	Total/NA
Lead	19		1.0	0.29	mg/Kg	1	☼	6010D	Total/NA
Zinc	140		5.1	3.7	mg/Kg	1	☼	6010D	Total/NA
Mercury	0.069	J B	0.15	0.027	mg/Kg	1	☼	7471B	Total/NA

Client Sample ID: TB-4-20241006

Lab Sample ID: 240-212566-21

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Acetone	7.4	J	10	5.4	ug/L	1		8260D	Total/NA
Methylene Chloride	2.7	J	5.0	2.6	ug/L	1		8260D	Total/NA

This Detection Summary does not include radiochemical test results.

Detection Summary

Client: August Mack Environmental, Inc.
Project/Site: MSC Canfield - Soil

Job ID: 240-212566-1

Client Sample ID: DUP-5-20241005 — Lab Sample ID: 240-212566-22

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Benzo[a]anthracene	21	J	46	17	ug/Kg	1	☼	8270E	Total/NA
Benzo[a]pyrene	18	J	46	16	ug/Kg	1	☼	8270E	Total/NA
Benzo[b]fluoranthene	45	J	46	14	ug/Kg	1	☼	8270E	Total/NA
Benzo[k]fluoranthene	19	J	46	12	ug/Kg	1	☼	8270E	Total/NA
Chrysene	32	J	46	16	ug/Kg	1	☼	8270E	Total/NA
Fluoranthene	52		46	16	ug/Kg	1	☼	8270E	Total/NA
Phenanthrene	28	J	46	15	ug/Kg	1	☼	8270E	Total/NA
Pyrene	41	J	46	19	ug/Kg	1	☼	8270E	Total/NA
Aroclor-1260	180		61	26	ug/Kg	1	☼	8082A	Total/NA
Arsenic	16		1.3	0.28	mg/Kg	1	☼	6010D	Total/NA
Barium	37		18	0.11	mg/Kg	1	☼	6010D	Total/NA
Chromium	16		0.89	0.30	mg/Kg	1	☼	6010D	Total/NA
Copper	19		2.2	0.62	mg/Kg	1	☼	6010D	Total/NA
Lead	11		0.89	0.25	mg/Kg	1	☼	6010D	Total/NA
Zinc	160		4.4	3.2	mg/Kg	1	☼	6010D	Total/NA
Mercury	0.029	J	0.11	0.019	mg/Kg	1	☼	7471B	Total/NA
Cyanide, Total	0.92		0.70	0.55	mg/Kg	1	☼	9012B	Total/NA

Client Sample ID: T1125-E-2.0 — Lab Sample ID: 240-212566-23

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
2-Butanone (MEK)	6.7	J	23	4.1	ug/Kg	1	☼	8260D	Total/NA
Acetone	41		29	24	ug/Kg	1	☼	8260D	Total/NA
Benzo[b]fluoranthene	31	J	48	14	ug/Kg	1	☼	8270E	Total/NA
Chrysene	23	J	48	17	ug/Kg	1	☼	8270E	Total/NA
Fluoranthene	29	J	48	17	ug/Kg	1	☼	8270E	Total/NA
Indeno[1,2,3-cd]pyrene	17	J	48	14	ug/Kg	1	☼	8270E	Total/NA
Phenanthrene	30	J	48	16	ug/Kg	1	☼	8270E	Total/NA
Pyrene	23	J	48	19	ug/Kg	1	☼	8270E	Total/NA
Arsenic	25		1.6	0.33	mg/Kg	1	☼	6010D	Total/NA
Barium	35		21	0.13	mg/Kg	1	☼	6010D	Total/NA
Cadmium	0.051	J	0.52	0.050	mg/Kg	1	☼	6010D	Total/NA
Chromium	13		1.0	0.36	mg/Kg	1	☼	6010D	Total/NA
Copper	19		2.6	0.73	mg/Kg	1	☼	6010D	Total/NA
Lead	14		1.0	0.29	mg/Kg	1	☼	6010D	Total/NA
Zinc	270	F1	5.2	3.8	mg/Kg	1	☼	6010D	Total/NA
Mercury	0.025	J	0.11	0.019	mg/Kg	1	☼	7471B	Total/NA
Cyanide, Total	16	F2	15	12	mg/Kg	25	☼	9012B	Total/NA

Client Sample ID: T1125-E-4.0 — Lab Sample ID: 240-212566-24

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Benzo[a]pyrene	18	J	47	17	ug/Kg	1	☼	8270E	Total/NA
Benzo[b]fluoranthene	38	J	47	14	ug/Kg	1	☼	8270E	Total/NA
Chrysene	29	J	47	17	ug/Kg	1	☼	8270E	Total/NA
Fluoranthene	41	J	47	17	ug/Kg	1	☼	8270E	Total/NA
Indeno[1,2,3-cd]pyrene	15	J	47	14	ug/Kg	1	☼	8270E	Total/NA
Phenanthrene	20	J	47	15	ug/Kg	1	☼	8270E	Total/NA
Pyrene	36	J	47	19	ug/Kg	1	☼	8270E	Total/NA
Arsenic	13		1.6	0.34	mg/Kg	1	☼	6010D	Total/NA
Barium	37		21	0.14	mg/Kg	1	☼	6010D	Total/NA
Cadmium	0.081	J	0.54	0.051	mg/Kg	1	☼	6010D	Total/NA

This Detection Summary does not include radiochemical test results.

Client Sample ID: T1125-E-4.0 (Continued) — Lab Sample ID: 240-212566-24

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Chromium	13		1.1	0.37	mg/Kg	1	☼	6010D	Total/NA
Copper	15		2.7	0.75	mg/Kg	1	☼	6010D	Total/NA
Lead	15		1.1	0.30	mg/Kg	1	☼	6010D	Total/NA
Zinc	600		5.4	3.9	mg/Kg	1	☼	6010D	Total/NA
Mercury	0.042	J	0.12	0.021	mg/Kg	1	☼	7471B	Total/NA
Cyanide, Total	18		16	13	mg/Kg	25	☼	9012B	Total/NA

Client Sample ID: T1125-W-2.0 — Lab Sample ID: 240-212566-25

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
2-Methylnaphthalene	37	J	49	16	ug/Kg	1	☼	8270E	Total/NA
Benzo[a]anthracene	18	J	49	18	ug/Kg	1	☼	8270E	Total/NA
Benzo[a]pyrene	18	J	49	17	ug/Kg	1	☼	8270E	Total/NA
Benzo[b]fluoranthene	31	J	49	15	ug/Kg	1	☼	8270E	Total/NA
Benzo[k]fluoranthene	13	J	49	12	ug/Kg	1	☼	8270E	Total/NA
Chrysene	21	J	49	17	ug/Kg	1	☼	8270E	Total/NA
Fluoranthene	39	J	49	17	ug/Kg	1	☼	8270E	Total/NA
Indeno[1,2,3-cd]pyrene	15	J	49	15	ug/Kg	1	☼	8270E	Total/NA
Naphthalene	51		49	16	ug/Kg	1	☼	8270E	Total/NA
Phenanthrene	31	J	49	16	ug/Kg	1	☼	8270E	Total/NA
Pyrene	31	J	49	20	ug/Kg	1	☼	8270E	Total/NA
Arsenic	14		1.4	0.30	mg/Kg	1	☼	6010D	Total/NA
Barium	63		19	0.12	mg/Kg	1	☼	6010D	Total/NA
Cadmium	0.13	J	0.47	0.045	mg/Kg	1	☼	6010D	Total/NA
Chromium	14		0.94	0.32	mg/Kg	1	☼	6010D	Total/NA
Copper	17		2.4	0.66	mg/Kg	1	☼	6010D	Total/NA
Lead	15		0.94	0.27	mg/Kg	1	☼	6010D	Total/NA
Zinc	160	F2 F1	4.7	3.4	mg/Kg	1	☼	6010D	Total/NA
Mercury	0.035	J	0.11	0.020	mg/Kg	1	☼	7471B	Total/NA

Client Sample ID: TB-5-20241006 — Lab Sample ID: 240-212566-26

No Detections.

Client Sample ID: TB-6-20241006 — Lab Sample ID: 240-212566-27

No Detections.

Client Sample ID: T375-W-2.0 — Lab Sample ID: 240-212566-28

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
2-Butanone (MEK)	5.8	J	25	4.4	ug/Kg	1	☼	8260D	Total/NA
Acetone	31		31	26	ug/Kg	1	☼	8260D	Total/NA
2-Methylnaphthalene	26	J	51	16	ug/Kg	1	☼	8270E	Total/NA
Acenaphthene	28	J	51	18	ug/Kg	1	☼	8270E	Total/NA
Anthracene	78		51	15	ug/Kg	1	☼	8270E	Total/NA
Benzo[a]anthracene	150		51	19	ug/Kg	1	☼	8270E	Total/NA
Benzo[a]pyrene	150		51	18	ug/Kg	1	☼	8270E	Total/NA
Benzo[b]fluoranthene	220		51	15	ug/Kg	1	☼	8270E	Total/NA
Benzo[g,h,i]perylene	140		51	34	ug/Kg	1	☼	8270E	Total/NA
Benzo[k]fluoranthene	97		51	13	ug/Kg	1	☼	8270E	Total/NA
Carbazole	56	J	130	34	ug/Kg	1	☼	8270E	Total/NA
Chrysene	170		51	18	ug/Kg	1	☼	8270E	Total/NA

This Detection Summary does not include radiochemical test results.

Client Sample ID: T375-W-2.0 (Continued) — Lab Sample ID: 240-212566-28

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Fluoranthene	400		51	18	ug/Kg	1	☼	8270E	Total/NA
Fluorene	33	J	51	18	ug/Kg	1	☼	8270E	Total/NA
Indeno[1,2,3-cd]pyrene	110		51	15	ug/Kg	1	☼	8270E	Total/NA
Naphthalene	21	J	51	16	ug/Kg	1	☼	8270E	Total/NA
Phenanthrene	260		51	16	ug/Kg	1	☼	8270E	Total/NA
Pyrene	290		51	20	ug/Kg	1	☼	8270E	Total/NA
Aroclor-1248	54	J	66	22	ug/Kg	1	☼	8082A	Total/NA
Arsenic	12		1.5	0.32	mg/Kg	1	☼	6010D	Total/NA
Barium	70		20	0.13	mg/Kg	1	☼	6010D	Total/NA
Cadmium	0.14	J	0.51	0.049	mg/Kg	1	☼	6010D	Total/NA
Chromium	17		1.0	0.35	mg/Kg	1	☼	6010D	Total/NA
Copper	16		2.5	0.71	mg/Kg	1	☼	6010D	Total/NA
Lead	18		1.0	0.29	mg/Kg	1	☼	6010D	Total/NA
Zinc	310		5.1	3.7	mg/Kg	1	☼	6010D	Total/NA
Mercury	0.053	J	0.12	0.022	mg/Kg	1	☼	7471B	Total/NA
Cyanide, Total	49		32	26	mg/Kg	50	☼	9012B	Total/NA

Client Sample ID: T375-W-4.0 — Lab Sample ID: 240-212566-29

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
2-Butanone (MEK)	9.8	J	25	4.5	ug/Kg	1	☼	8260D	Total/NA
Acetone	41		32	27	ug/Kg	1	☼	8260D	Total/NA
2-Methylnaphthalene	33	J	52	17	ug/Kg	1	☼	8270E	Total/NA
Anthracene	20	J	52	16	ug/Kg	1	☼	8270E	Total/NA
Benzo[a]anthracene	59		52	20	ug/Kg	1	☼	8270E	Total/NA
Benzo[a]pyrene	63		52	18	ug/Kg	1	☼	8270E	Total/NA
Benzo[b]fluoranthene	99		52	16	ug/Kg	1	☼	8270E	Total/NA
Benzo[g,h,i]perylene	78		52	35	ug/Kg	1	☼	8270E	Total/NA
Benzo[k]fluoranthene	28	J	52	13	ug/Kg	1	☼	8270E	Total/NA
Chrysene	77		52	18	ug/Kg	1	☼	8270E	Total/NA
Fluoranthene	140		52	18	ug/Kg	1	☼	8270E	Total/NA
Indeno[1,2,3-cd]pyrene	54		52	16	ug/Kg	1	☼	8270E	Total/NA
Naphthalene	32	J	52	17	ug/Kg	1	☼	8270E	Total/NA
Phenanthrene	86		52	17	ug/Kg	1	☼	8270E	Total/NA
Pyrene	120		52	21	ug/Kg	1	☼	8270E	Total/NA
Aroclor-1248	100		66	22	ug/Kg	1	☼	8082A	Total/NA
Arsenic	14		1.5	0.33	mg/Kg	1	☼	6010D	Total/NA
Barium	110		21	0.13	mg/Kg	1	☼	6010D	Total/NA
Cadmium	0.41	J	0.52	0.049	mg/Kg	1	☼	6010D	Total/NA
Chromium	23		1.0	0.35	mg/Kg	1	☼	6010D	Total/NA
Copper	20		2.6	0.72	mg/Kg	1	☼	6010D	Total/NA
Lead	31		1.0	0.29	mg/Kg	1	☼	6010D	Total/NA
Selenium	0.79	J	2.1	0.48	mg/Kg	1	☼	6010D	Total/NA
Zinc	630		5.2	3.7	mg/Kg	1	☼	6010D	Total/NA
Mercury	0.055	J	0.11	0.021	mg/Kg	1	☼	7471B	Total/NA

Client Sample ID: T375-E-2.0 — Lab Sample ID: 240-212566-30

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
2-Butanone (MEK)	6.7	J	24	4.3	ug/Kg	1	☼	8260D	Total/NA
Acetone	36		30	26	ug/Kg	1	☼	8260D	Total/NA
2-Methylnaphthalene	23	J	52	17	ug/Kg	1	☼	8270E	Total/NA

This Detection Summary does not include radiochemical test results.

Client Sample ID: T375-E-2.0 (Continued)

Lab Sample ID: 240-212566-30

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Acenaphthene	34	J	52	18	ug/Kg	1	☼	8270E	Total/NA
Anthracene	74		52	16	ug/Kg	1	☼	8270E	Total/NA
Benzo[a]anthracene	140		52	20	ug/Kg	1	☼	8270E	Total/NA
Benzo[a]pyrene	140		52	18	ug/Kg	1	☼	8270E	Total/NA
Benzo[b]fluoranthene	220		52	16	ug/Kg	1	☼	8270E	Total/NA
Benzo[g,h,i]perylene	140		52	35	ug/Kg	1	☼	8270E	Total/NA
Benzo[k]fluoranthene	79		52	13	ug/Kg	1	☼	8270E	Total/NA
Carbazole	53	J	130	35	ug/Kg	1	☼	8270E	Total/NA
Chrysene	180		52	18	ug/Kg	1	☼	8270E	Total/NA
Dibenz(a,h)anthracene	32	J	52	20	ug/Kg	1	☼	8270E	Total/NA
Fluoranthene	400		52	18	ug/Kg	1	☼	8270E	Total/NA
Fluorene	39	J	52	18	ug/Kg	1	☼	8270E	Total/NA
Indeno[1,2,3-cd]pyrene	97		52	16	ug/Kg	1	☼	8270E	Total/NA
Naphthalene	23	J	52	17	ug/Kg	1	☼	8270E	Total/NA
Phenanthrene	290		52	17	ug/Kg	1	☼	8270E	Total/NA
Pyrene	290		52	21	ug/Kg	1	☼	8270E	Total/NA
Aroclor-1248	56	J	64	22	ug/Kg	1	☼	8082A	Total/NA
Arsenic	15		1.5	0.31	mg/Kg	1	☼	6010D	Total/NA
Barium	66		20	0.12	mg/Kg	1	☼	6010D	Total/NA
Cadmium	0.21	J	0.49	0.047	mg/Kg	1	☼	6010D	Total/NA
Chromium	21		0.98	0.34	mg/Kg	1	☼	6010D	Total/NA
Copper	25		2.5	0.69	mg/Kg	1	☼	6010D	Total/NA
Lead	23		0.98	0.28	mg/Kg	1	☼	6010D	Total/NA
Selenium	0.52	J	2.0	0.46	mg/Kg	1	☼	6010D	Total/NA
Zinc	460		4.9	3.6	mg/Kg	1	☼	6010D	Total/NA
Mercury	0.051	J	0.12	0.021	mg/Kg	1	☼	7471B	Total/NA

Client Sample ID: T375-E-4.0

Lab Sample ID: 240-212566-31

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
2-Butanone (MEK)	12	J	26	4.7	ug/Kg	1	☼	8260D	Total/NA
Acetone	67		33	28	ug/Kg	1	☼	8260D	Total/NA
2-Methylnaphthalene	37	J	56	18	ug/Kg	1	☼	8270E	Total/NA
Acenaphthene	110		56	20	ug/Kg	1	☼	8270E	Total/NA
Anthracene	230		56	17	ug/Kg	1	☼	8270E	Total/NA
Benzo[a]anthracene	400		56	21	ug/Kg	1	☼	8270E	Total/NA
Benzo[a]pyrene	310		56	20	ug/Kg	1	☼	8270E	Total/NA
Benzo[b]fluoranthene	440		56	17	ug/Kg	1	☼	8270E	Total/NA
Benzo[g,h,i]perylene	240		56	38	ug/Kg	1	☼	8270E	Total/NA
Benzo[k]fluoranthene	190		56	14	ug/Kg	1	☼	8270E	Total/NA
Carbazole	180		140	38	ug/Kg	1	☼	8270E	Total/NA
Chrysene	440		56	20	ug/Kg	1	☼	8270E	Total/NA
Dibenz(a,h)anthracene	67		56	21	ug/Kg	1	☼	8270E	Total/NA
Dibenzofuran	86	J	140	41	ug/Kg	1	☼	8270E	Total/NA
Fluoranthene	1200		56	20	ug/Kg	1	☼	8270E	Total/NA
Fluorene	99		56	20	ug/Kg	1	☼	8270E	Total/NA
Indeno[1,2,3-cd]pyrene	210		56	17	ug/Kg	1	☼	8270E	Total/NA
Naphthalene	54	J	56	18	ug/Kg	1	☼	8270E	Total/NA
Phenanthrene	1000		56	18	ug/Kg	1	☼	8270E	Total/NA
Pyrene	810		56	22	ug/Kg	1	☼	8270E	Total/NA
Aroclor-1248	53	J	68	23	ug/Kg	1	☼	8082A	Total/NA

This Detection Summary does not include radiochemical test results.

Client Sample ID: T375-E-4.0 (Continued)

Lab Sample ID: 240-212566-31

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Arsenic	14		1.8	0.38	mg/Kg	1	☼	6010D	Total/NA
Barium	59		24	0.15	mg/Kg	1	☼	6010D	Total/NA
Cadmium	0.12	J	0.60	0.057	mg/Kg	1	☼	6010D	Total/NA
Chromium	18		1.2	0.41	mg/Kg	1	☼	6010D	Total/NA
Copper	20		3.0	0.84	mg/Kg	1	☼	6010D	Total/NA
Lead	21		1.2	0.34	mg/Kg	1	☼	6010D	Total/NA
Selenium	0.58	J	2.4	0.56	mg/Kg	1	☼	6010D	Total/NA
Zinc	330		6.0	4.3	mg/Kg	1	☼	6010D	Total/NA
Mercury	0.060	J	0.13	0.024	mg/Kg	1	☼	7471B	Total/NA

Client Sample ID: DUP7-20241005

Lab Sample ID: 240-212566-32

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Arsenic	15		1.3	0.27	mg/Kg	1	☼	6010D	Total/NA
Barium	31		17	0.11	mg/Kg	1	☼	6010D	Total/NA
Cadmium	0.073	J	0.43	0.042	mg/Kg	1	☼	6010D	Total/NA
Chromium	12		0.87	0.30	mg/Kg	1	☼	6010D	Total/NA
Copper	17		2.2	0.61	mg/Kg	1	☼	6010D	Total/NA
Lead	11		0.87	0.25	mg/Kg	1	☼	6010D	Total/NA
Zinc	75		4.3	3.2	mg/Kg	1	☼	6010D	Total/NA
Mercury	0.031	J	0.11	0.020	mg/Kg	1	☼	7471B	Total/NA

Client Sample ID: DUP4-20241004

Lab Sample ID: 240-212566-33

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
2-Butanone (MEK)	12	J	25	4.4	ug/Kg	1	☼	8260D	Total/NA
Acetone	52		31	26	ug/Kg	1	☼	8260D	Total/NA
Acenaphthene	29	J	51	18	ug/Kg	1	☼	8270E	Total/NA
Anthracene	76		51	15	ug/Kg	1	☼	8270E	Total/NA
Benzo[a]anthracene	150		51	19	ug/Kg	1	☼	8270E	Total/NA
Benzo[a]pyrene	130		51	18	ug/Kg	1	☼	8270E	Total/NA
Benzo[b]fluoranthene	210		51	15	ug/Kg	1	☼	8270E	Total/NA
Benzo[g,h,i]perylene	120		51	35	ug/Kg	1	☼	8270E	Total/NA
Benzo[k]fluoranthene	69		51	13	ug/Kg	1	☼	8270E	Total/NA
Carbazole	44	J	130	35	ug/Kg	1	☼	8270E	Total/NA
Chrysene	160		51	18	ug/Kg	1	☼	8270E	Total/NA
Fluoranthene	400		51	18	ug/Kg	1	☼	8270E	Total/NA
Fluorene	34	J	51	18	ug/Kg	1	☼	8270E	Total/NA
Indeno[1,2,3-cd]pyrene	98		51	15	ug/Kg	1	☼	8270E	Total/NA
Phenanthrene	260		51	17	ug/Kg	1	☼	8270E	Total/NA
Pyrene	290		51	21	ug/Kg	1	☼	8270E	Total/NA
Aroclor-1248	48	J	65	22	ug/Kg	1	☼	8082A	Total/NA
Arsenic	16		1.4	0.31	mg/Kg	1	☼	6010D	Total/NA
Barium	72		19	0.12	mg/Kg	1	☼	6010D	Total/NA
Cadmium	0.083	J	0.48	0.046	mg/Kg	1	☼	6010D	Total/NA
Chromium	19		0.97	0.33	mg/Kg	1	☼	6010D	Total/NA
Copper	20		2.4	0.68	mg/Kg	1	☼	6010D	Total/NA
Lead	17		0.97	0.27	mg/Kg	1	☼	6010D	Total/NA
Zinc	170		4.8	3.5	mg/Kg	1	☼	6010D	Total/NA
Mercury	0.070	J	0.12	0.022	mg/Kg	1	☼	7471B	Total/NA
Cyanide, Total	45		37	30	mg/Kg	50	☼	9012B	Total/NA

This Detection Summary does not include radiochemical test results.

Client: August Mack Environmental, Inc.
Project/Site: MSC Canfield - Soil

Job ID: 240-212566-1

Client Sample ID: DUP-6-20241005
Date Collected: 10/05/24 00:00
Date Received: 10/07/24 13:00

Lab Sample ID: 240-212566-1
Matrix: Solid
Percent Solids: 82.3

Method: SW846 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		6.0	2.1	ug/Kg	☼	10/07/24 19:59	10/07/24 21:23	1
1,1,2,2-Tetrachloroethane	ND		6.0	1.7	ug/Kg	☼	10/07/24 19:59	10/07/24 21:23	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		6.0	1.5	ug/Kg	☼	10/07/24 19:59	10/07/24 21:23	1
1,1,2-Trichloroethane	ND		6.0	1.4	ug/Kg	☼	10/07/24 19:59	10/07/24 21:23	1
1,1-Dichloroethane	ND		6.0	1.7	ug/Kg	☼	10/07/24 19:59	10/07/24 21:23	1
1,1-Dichloroethene	ND		6.0	2.2	ug/Kg	☼	10/07/24 19:59	10/07/24 21:23	1
1,2,4-Trichlorobenzene	ND		6.0	3.0	ug/Kg	☼	10/07/24 19:59	10/07/24 21:23	1
1,2-Dibromo-3-Chloropropane	ND		12	4.4	ug/Kg	☼	10/07/24 19:59	10/07/24 21:23	1
Ethylene Dibromide	ND		6.0	0.93	ug/Kg	☼	10/07/24 19:59	10/07/24 21:23	1
1,2-Dichlorobenzene	ND		6.0	1.3	ug/Kg	☼	10/07/24 19:59	10/07/24 21:23	1
1,2-Dichloroethane	ND		6.0	2.2	ug/Kg	☼	10/07/24 19:59	10/07/24 21:23	1
1,2-Dichloropropane	ND		6.0	1.0	ug/Kg	☼	10/07/24 19:59	10/07/24 21:23	1
1,3-Dichlorobenzene	ND		6.0	2.0	ug/Kg	☼	10/07/24 19:59	10/07/24 21:23	1
1,4-Dichlorobenzene	ND		6.0	1.1	ug/Kg	☼	10/07/24 19:59	10/07/24 21:23	1
2-Butanone (MEK)	ND		24	4.3	ug/Kg	☼	10/07/24 19:59	10/07/24 21:23	1
2-Hexanone	ND		24	4.9	ug/Kg	☼	10/07/24 19:59	10/07/24 21:23	1
4-Methyl-2-pentanone (MIBK)	ND		24	4.5	ug/Kg	☼	10/07/24 19:59	10/07/24 21:23	1
Acetone	ND		30	25	ug/Kg	☼	10/07/24 19:59	10/07/24 21:23	1
Benzene	ND		6.0	0.84	ug/Kg	☼	10/07/24 19:59	10/07/24 21:23	1
Dichlorobromomethane	ND		6.0	1.8	ug/Kg	☼	10/07/24 19:59	10/07/24 21:23	1
Bromoform	ND		6.0	2.9	ug/Kg	☼	10/07/24 19:59	10/07/24 21:23	1
Bromomethane	ND		6.0	5.0	ug/Kg	☼	10/07/24 19:59	10/07/24 21:23	1
Carbon disulfide	ND		6.0	1.4	ug/Kg	☼	10/07/24 19:59	10/07/24 21:23	1
Carbon tetrachloride	ND		6.0	3.9	ug/Kg	☼	10/07/24 19:59	10/07/24 21:23	1
Chlorobenzene	ND		6.0	1.1	ug/Kg	☼	10/07/24 19:59	10/07/24 21:23	1
Chloroethane	ND		6.0	3.3	ug/Kg	☼	10/07/24 19:59	10/07/24 21:23	1
Chloroform	ND		6.0	0.95	ug/Kg	☼	10/07/24 19:59	10/07/24 21:23	1
Chloromethane	ND		6.0	2.8	ug/Kg	☼	10/07/24 19:59	10/07/24 21:23	1
cis-1,2-Dichloroethene	ND		6.0	1.8	ug/Kg	☼	10/07/24 19:59	10/07/24 21:23	1
cis-1,3-Dichloropropene	ND		6.0	3.5	ug/Kg	☼	10/07/24 19:59	10/07/24 21:23	1
Cyclohexane	ND		12	1.7	ug/Kg	☼	10/07/24 19:59	10/07/24 21:23	1
Chlorodibromomethane	ND		6.0	3.4	ug/Kg	☼	10/07/24 19:59	10/07/24 21:23	1
Dichlorodifluoromethane	ND		6.0	2.7	ug/Kg	☼	10/07/24 19:59	10/07/24 21:23	1
Ethylbenzene	ND		6.0	1.3	ug/Kg	☼	10/07/24 19:59	10/07/24 21:23	1
Isopropylbenzene	ND		6.0	2.3	ug/Kg	☼	10/07/24 19:59	10/07/24 21:23	1
Methyl acetate	ND		30	4.1	ug/Kg	☼	10/07/24 19:59	10/07/24 21:23	1
Methyl tert-butyl ether	ND		6.0	2.4	ug/Kg	☼	10/07/24 19:59	10/07/24 21:23	1
Methylcyclohexane	ND		12	1.5	ug/Kg	☼	10/07/24 19:59	10/07/24 21:23	1
Methylene Chloride	ND		30	14	ug/Kg	☼	10/07/24 19:59	10/07/24 21:23	1
Styrene	ND		6.0	1.4	ug/Kg	☼	10/07/24 19:59	10/07/24 21:23	1
Tetrachloroethene	ND		6.0	4.7	ug/Kg	☼	10/07/24 19:59	10/07/24 21:23	1
Toluene	ND		6.0	0.93	ug/Kg	☼	10/07/24 19:59	10/07/24 21:23	1
trans-1,2-Dichloroethene	ND		6.0	1.7	ug/Kg	☼	10/07/24 19:59	10/07/24 21:23	1
trans-1,3-Dichloropropene	ND		6.0	4.5	ug/Kg	☼	10/07/24 19:59	10/07/24 21:23	1
Trichloroethene	ND		6.0	1.7	ug/Kg	☼	10/07/24 19:59	10/07/24 21:23	1
Trichlorofluoromethane	ND		6.0	3.2	ug/Kg	☼	10/07/24 19:59	10/07/24 21:23	1
Vinyl chloride	ND		6.0	2.1	ug/Kg	☼	10/07/24 19:59	10/07/24 21:23	1
Xylenes, Total	ND		12	1.9	ug/Kg	☼	10/07/24 19:59	10/07/24 21:23	1

Client Sample ID: DUP-6-20241005

Date Collected: 10/05/24 00:00
Date Received: 10/07/24 13:00

Lab Sample ID: 240-212566-1

Matrix: Solid
Percent Solids: 82.3

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
Toluene-d8 (Surr)	*102*		*56 - 125*	*10/07/24 19:59*	*10/07/24 21:23*	*1*
Dibromofluoromethane (Surr)	*98*		*41 - 138*	*10/07/24 19:59*	*10/07/24 21:23*	*1*
4-Bromofluorobenzene (Surr)	*100*		*41 - 143*	*10/07/24 19:59*	*10/07/24 21:23*	*1*
1,2-Dichloroethane-d4 (Surr)	*106*		*58 - 125*	*10/07/24 19:59*	*10/07/24 21:23*	*1*

Method: SW846 8270E - Semivolatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1'-Biphenyl	ND		120	34	ug/Kg	☼	10/08/24 09:11	10/09/24 12:49	1
bis (2-chloroisopropyl) ether	ND		120	31	ug/Kg	☼	10/08/24 09:11	10/09/24 12:49	1
2,4,5-Trichlorophenol	ND		180	40	ug/Kg	☼	10/08/24 09:11	10/09/24 12:49	1
2,4,6-Trichlorophenol	ND		180	35	ug/Kg	☼	10/08/24 09:11	10/09/24 12:49	1
2,4-Dichlorophenol	ND		180	33	ug/Kg	☼	10/08/24 09:11	10/09/24 12:49	1
2,4-Dimethylphenol	ND		180	43	ug/Kg	☼	10/08/24 09:11	10/09/24 12:49	1
2,4-Dinitrophenol	ND		400	210	ug/Kg	☼	10/08/24 09:11	10/09/24 12:49	1
2,4-Dinitrotoluene	ND		240	28	ug/Kg	☼	10/08/24 09:11	10/09/24 12:49	1
2,6-Dinitrotoluene	ND		240	43	ug/Kg	☼	10/08/24 09:11	10/09/24 12:49	1
2-Chloronaphthalene	ND		120	34	ug/Kg	☼	10/08/24 09:11	10/09/24 12:49	1
2-Chlorophenol	ND		120	31	ug/Kg	☼	10/08/24 09:11	10/09/24 12:49	1
2-Methylnaphthalene	ND		48	16	ug/Kg	☼	10/08/24 09:11	10/09/24 12:49	1
2-Methylphenol	ND		240	49	ug/Kg	☼	10/08/24 09:11	10/09/24 12:49	1
2-Nitroaniline	ND		240	46	ug/Kg	☼	10/08/24 09:11	10/09/24 12:49	1
2-Nitrophenol	ND		120	42	ug/Kg	☼	10/08/24 09:11	10/09/24 12:49	1
3,3'-Dichlorobenzidine	ND		180	110	ug/Kg	☼	10/08/24 09:11	10/09/24 12:49	1
3-Nitroaniline	ND		240	42	ug/Kg	☼	10/08/24 09:11	10/09/24 12:49	1
4,6-Dinitro-2-methylphenol	ND		400	130	ug/Kg	☼	10/08/24 09:11	10/09/24 12:49	1
4-Bromophenyl phenyl ether	ND		120	39	ug/Kg	☼	10/08/24 09:11	10/09/24 12:49	1
4-Chloro-3-methylphenol	ND		180	46	ug/Kg	☼	10/08/24 09:11	10/09/24 12:49	1
4-Chloroaniline	ND		180	19	ug/Kg	☼	10/08/24 09:11	10/09/24 12:49	1
4-Chlorophenyl phenyl ether	ND		120	34	ug/Kg	☼	10/08/24 09:11	10/09/24 12:49	1
4-Nitroaniline	ND		240	31	ug/Kg	☼	10/08/24 09:11	10/09/24 12:49	1
4-Nitrophenol	ND		400	110	ug/Kg	☼	10/08/24 09:11	10/09/24 12:49	1
Acenaphthene	ND		48	17	ug/Kg	☼	10/08/24 09:11	10/09/24 12:49	1
Acenaphthylene	ND		48	18	ug/Kg	☼	10/08/24 09:11	10/09/24 12:49	1
Acetophenone	ND		120	30	ug/Kg	☼	10/08/24 09:11	10/09/24 12:49	1
Anthracene	ND		48	14	ug/Kg	☼	10/08/24 09:11	10/09/24 12:49	1
Atrazine	ND		400	83	ug/Kg	☼	10/08/24 09:11	10/09/24 12:49	1
Benzaldehyde	ND		400	68	ug/Kg	☼	10/08/24 09:11	10/09/24 12:49	1
Benzo[a]anthracene	ND		48	18	ug/Kg	☼	10/08/24 09:11	10/09/24 12:49	1
Benzo[a]pyrene	ND		48	17	ug/Kg	☼	10/08/24 09:11	10/09/24 12:49	1
Benzo[b]fluoranthene	**17**	**J**	48	14	ug/Kg	☼	10/08/24 09:11	10/09/24 12:49	1
Benzo[g,h,i]perylene	ND		48	33	ug/Kg	☼	10/08/24 09:11	10/09/24 12:49	1
Benzo[k]fluoranthene	ND		48	12	ug/Kg	☼	10/08/24 09:11	10/09/24 12:49	1
Bis(2-chloroethoxy)methane	ND		120	24	ug/Kg	☼	10/08/24 09:11	10/09/24 12:49	1
Bis(2-chloroethyl)ether	ND		120	27	ug/Kg	☼	10/08/24 09:11	10/09/24 12:49	1
Bis(2-ethylhexyl) phthalate	ND		180	68	ug/Kg	☼	10/08/24 09:11	10/09/24 12:49	1
Butyl benzyl phthalate	ND		180	62	ug/Kg	☼	10/08/24 09:11	10/09/24 12:49	1
Caprolactam	ND		400	83	ug/Kg	☼	10/08/24 09:11	10/09/24 12:49	1
Carbazole	ND		120	33	ug/Kg	☼	10/08/24 09:11	10/09/24 12:49	1
Chrysene	**18**	**J**	48	17	ug/Kg	☼	10/08/24 09:11	10/09/24 12:49	1
Dibenz(a,h)anthracene	ND		48	18	ug/Kg	☼	10/08/24 09:11	10/09/24 12:49	1

Client Sample ID: DUP-6-20241005

Date Collected: 10/05/24 00:00
Date Received: 10/07/24 13:00

Lab Sample ID: 240-212566-1

Matrix: Solid
Percent Solids: 82.3

Method: SW846 8270E - Semivolatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Dibenzofuran	ND		120	35	ug/Kg	☼	10/08/24 09:11	10/09/24 12:49	1
Diethyl phthalate	ND		180	52	ug/Kg	☼	10/08/24 09:11	10/09/24 12:49	1
Dimethyl phthalate	ND		180	48	ug/Kg	☼	10/08/24 09:11	10/09/24 12:49	1
Di-n-butyl phthalate	ND		180	62	ug/Kg	☼	10/08/24 09:11	10/09/24 12:49	1
Di-n-octyl phthalate	ND		180	60	ug/Kg	☼	10/08/24 09:11	10/09/24 12:49	1
Fluoranthene	**26**	**J**	48	17	ug/Kg	☼	10/08/24 09:11	10/09/24 12:49	1
Fluorene	ND		48	17	ug/Kg	☼	10/08/24 09:11	10/09/24 12:49	1
Hexachlorobenzene	ND		48	17	ug/Kg	☼	10/08/24 09:11	10/09/24 12:49	1
Hexachlorobutadiene	ND		120	25	ug/Kg	☼	10/08/24 09:11	10/09/24 12:49	1
Hexachlorocyclopentadiene	ND	*-	400	47	ug/Kg	☼	10/08/24 09:11	10/09/24 12:49	1
Hexachloroethane	ND		120	39	ug/Kg	☼	10/08/24 09:11	10/09/24 12:49	1
Indeno[1,2,3-cd]pyrene	ND		48	14	ug/Kg	☼	10/08/24 09:11	10/09/24 12:49	1
Isophorone	ND		120	31	ug/Kg	☼	10/08/24 09:11	10/09/24 12:49	1
N-Nitrosodi-n-propylamine	ND		120	45	ug/Kg	☼	10/08/24 09:11	10/09/24 12:49	1
N-Nitrosodiphenylamine	ND		120	33	ug/Kg	☼	10/08/24 09:11	10/09/24 12:49	1
Naphthalene	ND		48	16	ug/Kg	☼	10/08/24 09:11	10/09/24 12:49	1
Nitrobenzene	ND		120	27	ug/Kg	☼	10/08/24 09:11	10/09/24 12:49	1
Pentachlorophenol	ND		330	130	ug/Kg	☼	10/08/24 09:11	10/09/24 12:49	1
Phenanthrene	ND		48	16	ug/Kg	☼	10/08/24 09:11	10/09/24 12:49	1
Phenol	ND		120	46	ug/Kg	☼	10/08/24 09:11	10/09/24 12:49	1
Pyrene	**19**	**J**	48	19	ug/Kg	☼	10/08/24 09:11	10/09/24 12:49	1
3 & 4 Methylphenol	ND		480	49	ug/Kg	☼	10/08/24 09:11	10/09/24 12:49	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Terphenyl-d14 (Surr)	*71*		*37 - 120*	*10/08/24 09:11*	*10/09/24 12:49*	*1*
Phenol-d5 (Surr)	*71*		*29 - 120*	*10/08/24 09:11*	*10/09/24 12:49*	*1*
Nitrobenzene-d5 (Surr)	*62*		*28 - 120*	*10/08/24 09:11*	*10/09/24 12:49*	*1*
2-Fluorophenol (Surr)	*69*		*26 - 120*	*10/08/24 09:11*	*10/09/24 12:49*	*1*
2-Fluorobiphenyl (Surr)	*66*		*36 - 120*	*10/08/24 09:11*	*10/09/24 12:49*	*1*
2,4,6-Tribromophenol (Surr)	*78*		*10 - 120*	*10/08/24 09:11*	*10/09/24 12:49*	*1*

Method: SW846 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aroclor-1016	ND		60	30	ug/Kg	☼	10/08/24 09:17	10/09/24 11:25	1
Aroclor-1221	ND		60	36	ug/Kg	☼	10/08/24 09:17	10/09/24 11:25	1
Aroclor-1232	ND		60	25	ug/Kg	☼	10/08/24 09:17	10/09/24 11:25	1
Aroclor-1242	ND		60	23	ug/Kg	☼	10/08/24 09:17	10/09/24 11:25	1
Aroclor-1248	ND		60	21	ug/Kg	☼	10/08/24 09:17	10/09/24 11:25	1
Aroclor-1254	ND		60	25	ug/Kg	☼	10/08/24 09:17	10/09/24 11:25	1
Aroclor-1260	ND		60	25	ug/Kg	☼	10/08/24 09:17	10/09/24 11:25	1
Aroclor-1262	ND		60	27	ug/Kg	☼	10/08/24 09:17	10/09/24 11:25	1
Aroclor-1268	ND		60	19	ug/Kg	☼	10/08/24 09:17	10/09/24 11:25	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Tetrachloro-m-xylene	*79*		*10 - 149*	*10/08/24 09:17*	*10/09/24 11:25*	*1*
DCB Decachlorobiphenyl	*95*		*10 - 174*	*10/08/24 09:17*	*10/09/24 11:25*	*1*

Method: SW846 6010D - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	**21**		1.6	0.33	mg/Kg	☼	10/08/24 13:00	10/09/24 16:18	1

Client Sample ID: DUP-6-20241005

Date Collected: 10/05/24 00:00
Date Received: 10/07/24 13:00

Lab Sample ID: 240-212566-1

Matrix: Solid
Percent Solids: 82.3

Method: SW846 6010D - Metals (ICP) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Barium	66		21	0.13	mg/Kg	☼	10/08/24 13:00	10/09/24 16:18	1
Cadmium	0.066	J	0.52	0.050	mg/Kg	☼	10/08/24 13:00	10/09/24 16:18	1
Chromium	16		1.0	0.36	mg/Kg	☼	10/08/24 13:00	10/09/24 16:18	1
Copper	24		2.6	0.73	mg/Kg	☼	10/08/24 13:00	10/09/24 16:18	1
Lead	29		1.0	0.30	mg/Kg	☼	10/08/24 13:00	10/09/24 16:18	1
Selenium	ND		2.1	0.49	mg/Kg	☼	10/08/24 13:00	10/09/24 16:18	1
Silver	ND		1.0	0.085	mg/Kg	☼	10/08/24 13:00	10/09/24 16:18	1
Zinc	210		5.2	3.8	mg/Kg	☼	10/08/24 13:00	10/09/24 16:18	1

Method: SW846 7471B - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.071	J B	0.13	0.023	mg/Kg	☼	10/08/24 13:00	10/09/24 09:51	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cyanide, Total (SW846 9012B)	48		18	14	mg/Kg	☼	10/10/24 11:02	10/10/24 14:45	25

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Solids (EPA Moisture)	82.3		0.1	0.1	%			10/08/24 13:25	1
Percent Moisture (EPA Moisture)	17.7		0.1	0.1	%			10/08/24 13:25	1

Client: August Mack Environmental, Inc.
Project/Site: MSC Canfield - Soil

Job ID: 240-212566-1

Client Sample ID: T750-W-2.0
Date Collected: 10/05/24 13:00
Date Received: 10/07/24 13:00

Lab Sample ID: 240-212566-2
Matrix: Solid
Percent Solids: 84.8

Method: SW846 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		5.8	2.1	ug/Kg	☼	10/07/24 19:59	10/07/24 21:47	1
1,1,2,2-Tetrachloroethane	ND		5.8	1.7	ug/Kg	☼	10/07/24 19:59	10/07/24 21:47	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		5.8	1.5	ug/Kg	☼	10/07/24 19:59	10/07/24 21:47	1
1,1,2-Trichloroethane	ND		5.8	1.3	ug/Kg	☼	10/07/24 19:59	10/07/24 21:47	1
1,1-Dichloroethane	ND		5.8	1.7	ug/Kg	☼	10/07/24 19:59	10/07/24 21:47	1
1,1-Dichloroethene	ND		5.8	2.1	ug/Kg	☼	10/07/24 19:59	10/07/24 21:47	1
1,2,4-Trichlorobenzene	ND		5.8	2.9	ug/Kg	☼	10/07/24 19:59	10/07/24 21:47	1
1,2-Dibromo-3-Chloropropane	ND		12	4.2	ug/Kg	☼	10/07/24 19:59	10/07/24 21:47	1
Ethylene Dibromide	ND		5.8	0.90	ug/Kg	☼	10/07/24 19:59	10/07/24 21:47	1
1,2-Dichlorobenzene	ND		5.8	1.3	ug/Kg	☼	10/07/24 19:59	10/07/24 21:47	1
1,2-Dichloroethane	ND		5.8	2.1	ug/Kg	☼	10/07/24 19:59	10/07/24 21:47	1
1,2-Dichloropropane	ND		5.8	1.0	ug/Kg	☼	10/07/24 19:59	10/07/24 21:47	1
1,3-Dichlorobenzene	ND		5.8	1.9	ug/Kg	☼	10/07/24 19:59	10/07/24 21:47	1
1,4-Dichlorobenzene	ND		5.8	1.0	ug/Kg	☼	10/07/24 19:59	10/07/24 21:47	1
2-Butanone (MEK)	ND		23	4.2	ug/Kg	☼	10/07/24 19:59	10/07/24 21:47	1
2-Hexanone	ND		23	4.8	ug/Kg	☼	10/07/24 19:59	10/07/24 21:47	1
4-Methyl-2-pentanone (MIBK)	ND		23	4.3	ug/Kg	☼	10/07/24 19:59	10/07/24 21:47	1
Acetone	ND		29	25	ug/Kg	☼	10/07/24 19:59	10/07/24 21:47	1
Benzene	ND		5.8	0.82	ug/Kg	☼	10/07/24 19:59	10/07/24 21:47	1
Dichlorobromomethane	ND		5.8	1.8	ug/Kg	☼	10/07/24 19:59	10/07/24 21:47	1
Bromoform	ND		5.8	2.8	ug/Kg	☼	10/07/24 19:59	10/07/24 21:47	1
Bromomethane	ND		5.8	4.9	ug/Kg	☼	10/07/24 19:59	10/07/24 21:47	1
Carbon disulfide	ND		5.8	1.4	ug/Kg	☼	10/07/24 19:59	10/07/24 21:47	1
Carbon tetrachloride	ND		5.8	3.8	ug/Kg	☼	10/07/24 19:59	10/07/24 21:47	1
Chlorobenzene	ND		5.8	1.1	ug/Kg	☼	10/07/24 19:59	10/07/24 21:47	1
Chloroethane	ND		5.8	3.2	ug/Kg	☼	10/07/24 19:59	10/07/24 21:47	1
Chloroform	ND		5.8	0.92	ug/Kg	☼	10/07/24 19:59	10/07/24 21:47	1
Chloromethane	ND		5.8	2.7	ug/Kg	☼	10/07/24 19:59	10/07/24 21:47	1
cis-1,2-Dichloroethene	ND		5.8	1.7	ug/Kg	☼	10/07/24 19:59	10/07/24 21:47	1
cis-1,3-Dichloropropene	ND		5.8	3.4	ug/Kg	☼	10/07/24 19:59	10/07/24 21:47	1
Cyclohexane	ND		12	1.6	ug/Kg	☼	10/07/24 19:59	10/07/24 21:47	1
Chlorodibromomethane	ND		5.8	3.3	ug/Kg	☼	10/07/24 19:59	10/07/24 21:47	1
Dichlorodifluoromethane	ND		5.8	2.6	ug/Kg	☼	10/07/24 19:59	10/07/24 21:47	1
Ethylbenzene	ND		5.8	1.2	ug/Kg	☼	10/07/24 19:59	10/07/24 21:47	1
Isopropylbenzene	ND		5.8	2.2	ug/Kg	☼	10/07/24 19:59	10/07/24 21:47	1
Methyl acetate	ND		29	4.0	ug/Kg	☼	10/07/24 19:59	10/07/24 21:47	1
Methyl tert-butyl ether	ND		5.8	2.3	ug/Kg	☼	10/07/24 19:59	10/07/24 21:47	1
Methylcyclohexane	ND		12	1.4	ug/Kg	☼	10/07/24 19:59	10/07/24 21:47	1
Methylene Chloride	ND		29	14	ug/Kg	☼	10/07/24 19:59	10/07/24 21:47	1
Styrene	ND		5.8	1.4	ug/Kg	☼	10/07/24 19:59	10/07/24 21:47	1
Tetrachloroethene	ND		5.8	4.5	ug/Kg	☼	10/07/24 19:59	10/07/24 21:47	1
Toluene	ND		5.8	0.90	ug/Kg	☼	10/07/24 19:59	10/07/24 21:47	1
trans-1,2-Dichloroethene	ND		5.8	1.7	ug/Kg	☼	10/07/24 19:59	10/07/24 21:47	1
trans-1,3-Dichloropropene	ND		5.8	4.3	ug/Kg	☼	10/07/24 19:59	10/07/24 21:47	1
Trichloroethene	ND		5.8	1.7	ug/Kg	☼	10/07/24 19:59	10/07/24 21:47	1
Trichlorofluoromethane	ND		5.8	3.1	ug/Kg	☼	10/07/24 19:59	10/07/24 21:47	1
Vinyl chloride	ND		5.8	2.1	ug/Kg	☼	10/07/24 19:59	10/07/24 21:47	1
Xylenes, Total	ND		12	1.9	ug/Kg	☼	10/07/24 19:59	10/07/24 21:47	1

Client Sample ID: T750-W-2.0

Date Collected: 10/05/24 13:00
Date Received: 10/07/24 13:00

Lab Sample ID: 240-212566-2

Matrix: Solid
Percent Solids: 84.8

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Toluene-d8 (Surr)	*101*		*56 - 125*	*10/07/24 19:59*	*10/07/24 21:47*	*1*
Dibromofluoromethane (Surr)	*99*		*41 - 138*	*10/07/24 19:59*	*10/07/24 21:47*	*1*
4-Bromofluorobenzene (Surr)	*101*		*41 - 143*	*10/07/24 19:59*	*10/07/24 21:47*	*1*
1,2-Dichloroethane-d4 (Surr)	*104*		*58 - 125*	*10/07/24 19:59*	*10/07/24 21:47*	*1*

Method: SW846 8270E - Semivolatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1'-Biphenyl	ND		120	33	ug/Kg	☼	10/08/24 09:11	10/09/24 13:13	1
bis (2-chloroisopropyl) ether	ND		120	31	ug/Kg	☼	10/08/24 09:11	10/09/24 13:13	1
2,4,5-Trichlorophenol	ND		180	39	ug/Kg	☼	10/08/24 09:11	10/09/24 13:13	1
2,4,6-Trichlorophenol	ND		180	34	ug/Kg	☼	10/08/24 09:11	10/09/24 13:13	1
2,4-Dichlorophenol	ND		180	32	ug/Kg	☼	10/08/24 09:11	10/09/24 13:13	1
2,4-Dimethylphenol	ND		180	42	ug/Kg	☼	10/08/24 09:11	10/09/24 13:13	1
2,4-Dinitrophenol	ND		390	200	ug/Kg	☼	10/08/24 09:11	10/09/24 13:13	1
2,4-Dinitrotoluene	ND		230	27	ug/Kg	☼	10/08/24 09:11	10/09/24 13:13	1
2,6-Dinitrotoluene	ND		230	42	ug/Kg	☼	10/08/24 09:11	10/09/24 13:13	1
2-Chloronaphthalene	ND		120	33	ug/Kg	☼	10/08/24 09:11	10/09/24 13:13	1
2-Chlorophenol	ND		120	31	ug/Kg	☼	10/08/24 09:11	10/09/24 13:13	1
2-Methylnaphthalene	ND		47	15	ug/Kg	☼	10/08/24 09:11	10/09/24 13:13	1
2-Methylphenol	ND		230	48	ug/Kg	☼	10/08/24 09:11	10/09/24 13:13	1
2-Nitroaniline	ND		230	45	ug/Kg	☼	10/08/24 09:11	10/09/24 13:13	1
2-Nitrophenol	ND		120	41	ug/Kg	☼	10/08/24 09:11	10/09/24 13:13	1
3,3'-Dichlorobenzidine	ND		180	110	ug/Kg	☼	10/08/24 09:11	10/09/24 13:13	1
3-Nitroaniline	ND		230	41	ug/Kg	☼	10/08/24 09:11	10/09/24 13:13	1
4,6-Dinitro-2-methylphenol	ND		390	120	ug/Kg	☼	10/08/24 09:11	10/09/24 13:13	1
4-Bromophenyl phenyl ether	ND		120	38	ug/Kg	☼	10/08/24 09:11	10/09/24 13:13	1
4-Chloro-3-methylphenol	ND		180	45	ug/Kg	☼	10/08/24 09:11	10/09/24 13:13	1
4-Chloroaniline	ND		180	19	ug/Kg	☼	10/08/24 09:11	10/09/24 13:13	1
4-Chlorophenyl phenyl ether	ND		120	33	ug/Kg	☼	10/08/24 09:11	10/09/24 13:13	1
4-Nitroaniline	ND		230	31	ug/Kg	☼	10/08/24 09:11	10/09/24 13:13	1
4-Nitrophenol	ND		390	110	ug/Kg	☼	10/08/24 09:11	10/09/24 13:13	1
Acenaphthene	ND		47	16	ug/Kg	☼	10/08/24 09:11	10/09/24 13:13	1
Acenaphthylene	ND		47	18	ug/Kg	☼	10/08/24 09:11	10/09/24 13:13	1
Acetophenone	ND		120	29	ug/Kg	☼	10/08/24 09:11	10/09/24 13:13	1
Anthracene	ND		47	14	ug/Kg	☼	10/08/24 09:11	10/09/24 13:13	1
Atrazine	ND		390	81	ug/Kg	☼	10/08/24 09:11	10/09/24 13:13	1
Benzaldehyde	ND		390	66	ug/Kg	☼	10/08/24 09:11	10/09/24 13:13	1
Benzo[a]anthracene	ND		47	18	ug/Kg	☼	10/08/24 09:11	10/09/24 13:13	1
Benzo[a]pyrene	ND		47	16	ug/Kg	☼	10/08/24 09:11	10/09/24 13:13	1
Benzo[b]fluoranthene	ND		47	14	ug/Kg	☼	10/08/24 09:11	10/09/24 13:13	1
Benzo[g,h,i]perylene	ND		47	32	ug/Kg	☼	10/08/24 09:11	10/09/24 13:13	1
Benzo[k]fluoranthene	ND		47	12	ug/Kg	☼	10/08/24 09:11	10/09/24 13:13	1
Bis(2-chloroethoxy)methane	ND		120	23	ug/Kg	☼	10/08/24 09:11	10/09/24 13:13	1
Bis(2-chloroethyl)ether	ND		120	26	ug/Kg	☼	10/08/24 09:11	10/09/24 13:13	1
Bis(2-ethylhexyl) phthalate	ND		180	66	ug/Kg	☼	10/08/24 09:11	10/09/24 13:13	1
Butyl benzyl phthalate	ND		180	60	ug/Kg	☼	10/08/24 09:11	10/09/24 13:13	1
Caprolactam	ND		390	81	ug/Kg	☼	10/08/24 09:11	10/09/24 13:13	1
Carbazole	ND		120	32	ug/Kg	☼	10/08/24 09:11	10/09/24 13:13	1
Chrysene	ND		47	16	ug/Kg	☼	10/08/24 09:11	10/09/24 13:13	1
Dibenz(a,h)anthracene	ND		47	18	ug/Kg	☼	10/08/24 09:11	10/09/24 13:13	1

Client Sample ID: T750-W-2.0

Date Collected: 10/05/24 13:00
Date Received: 10/07/24 13:00

Lab Sample ID: 240-212566-2

Matrix: Solid
Percent Solids: 84.8

Method: SW846 8270E - Semivolatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Dibenzofuran	ND		120	34	ug/Kg	☼	10/08/24 09:11	10/09/24 13:13	1
Diethyl phthalate	ND		180	50	ug/Kg	☼	10/08/24 09:11	10/09/24 13:13	1
Dimethyl phthalate	ND		180	47	ug/Kg	☼	10/08/24 09:11	10/09/24 13:13	1
Di-n-butyl phthalate	ND		180	60	ug/Kg	☼	10/08/24 09:11	10/09/24 13:13	1
Di-n-octyl phthalate	ND		180	59	ug/Kg	☼	10/08/24 09:11	10/09/24 13:13	1
Fluoranthene	ND		47	16	ug/Kg	☼	10/08/24 09:11	10/09/24 13:13	1
Fluorene	ND		47	16	ug/Kg	☼	10/08/24 09:11	10/09/24 13:13	1
Hexachlorobenzene	ND		47	16	ug/Kg	☼	10/08/24 09:11	10/09/24 13:13	1
Hexachlorobutadiene	ND		120	25	ug/Kg	☼	10/08/24 09:11	10/09/24 13:13	1
Hexachlorocyclopentadiene	ND	*-	390	46	ug/Kg	☼	10/08/24 09:11	10/09/24 13:13	1
Hexachloroethane	ND		120	38	ug/Kg	☼	10/08/24 09:11	10/09/24 13:13	1
Indeno[1,2,3-cd]pyrene	ND		47	14	ug/Kg	☼	10/08/24 09:11	10/09/24 13:13	1
Isophorone	ND		120	31	ug/Kg	☼	10/08/24 09:11	10/09/24 13:13	1
N-Nitrosodi-n-propylamine	ND		120	43	ug/Kg	☼	10/08/24 09:11	10/09/24 13:13	1
N-Nitrosodiphenylamine	ND		120	32	ug/Kg	☼	10/08/24 09:11	10/09/24 13:13	1
Naphthalene	ND		47	15	ug/Kg	☼	10/08/24 09:11	10/09/24 13:13	1
Nitrobenzene	ND		120	26	ug/Kg	☼	10/08/24 09:11	10/09/24 13:13	1
Pentachlorophenol	ND		320	120	ug/Kg	☼	10/08/24 09:11	10/09/24 13:13	1
Phenanthrene	ND		47	15	ug/Kg	☼	10/08/24 09:11	10/09/24 13:13	1
Phenol	ND		120	45	ug/Kg	☼	10/08/24 09:11	10/09/24 13:13	1
Pyrene	ND		47	19	ug/Kg	☼	10/08/24 09:11	10/09/24 13:13	1
3 & 4 Methylphenol	ND		470	48	ug/Kg	☼	10/08/24 09:11	10/09/24 13:13	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Terphenyl-d14 (Surr)	*66*		*37 - 120*	*10/08/24 09:11*	*10/09/24 13:13*	*1*
Phenol-d5 (Surr)	*64*		*29 - 120*	*10/08/24 09:11*	*10/09/24 13:13*	*1*
Nitrobenzene-d5 (Surr)	*56*		*28 - 120*	*10/08/24 09:11*	*10/09/24 13:13*	*1*
2-Fluorophenol (Surr)	*62*		*26 - 120*	*10/08/24 09:11*	*10/09/24 13:13*	*1*
2-Fluorobiphenyl (Surr)	*61*		*36 - 120*	*10/08/24 09:11*	*10/09/24 13:13*	*1*
2,4,6-Tribromophenol (Surr)	*59*		*10 - 120*	*10/08/24 09:11*	*10/09/24 13:13*	*1*

Method: SW846 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aroclor-1016	ND		58	29	ug/Kg	☼	10/08/24 09:17	10/09/24 11:39	1
Aroclor-1221	ND		58	35	ug/Kg	☼	10/08/24 09:17	10/09/24 11:39	1
Aroclor-1232	ND		58	24	ug/Kg	☼	10/08/24 09:17	10/09/24 11:39	1
Aroclor-1242	ND		58	22	ug/Kg	☼	10/08/24 09:17	10/09/24 11:39	1
Aroclor-1248	ND		58	20	ug/Kg	☼	10/08/24 09:17	10/09/24 11:39	1
Aroclor-1254	ND		58	24	ug/Kg	☼	10/08/24 09:17	10/09/24 11:39	1
Aroclor-1260	ND		58	24	ug/Kg	☼	10/08/24 09:17	10/09/24 11:39	1
Aroclor-1262	ND		58	26	ug/Kg	☼	10/08/24 09:17	10/09/24 11:39	1
Aroclor-1268	ND		58	19	ug/Kg	☼	10/08/24 09:17	10/09/24 11:39	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Tetrachloro-m-xylene	*66*		*10 - 149*	*10/08/24 09:17*	*10/09/24 11:39*	*1*
DCB Decachlorobiphenyl	*80*		*10 - 174*	*10/08/24 09:17*	*10/09/24 11:39*	*1*

Method: SW846 6010D - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	**16**		1.7	0.35	mg/Kg	☼	10/08/24 13:00	10/09/24 16:23	1

Client: August Mack Environmental, Inc.
Project/Site: MSC Canfield - Soil

Job ID: 240-212566-1

Client Sample ID: T750-W-2.0

Date Collected: 10/05/24 13:00
Date Received: 10/07/24 13:00

Lab Sample ID: 240-212566-2

Matrix: Solid
Percent Solids: 84.8

Method: SW846 6010D - Metals (ICP) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Barium	**43**		22	0.14	mg/Kg	☼	10/08/24 13:00	10/09/24 16:23	1
Cadmium	ND		0.56	0.053	mg/Kg	☼	10/08/24 13:00	10/09/24 16:23	1
Chromium	**14**		1.1	0.38	mg/Kg	☼	10/08/24 13:00	10/09/24 16:23	1
Copper	**17**		2.8	0.78	mg/Kg	☼	10/08/24 13:00	10/09/24 16:23	1
Lead	**11**		1.1	0.31	mg/Kg	☼	10/08/24 13:00	10/09/24 16:23	1
Selenium	ND		2.2	0.52	mg/Kg	☼	10/08/24 13:00	10/09/24 16:23	1
Silver	ND		1.1	0.090	mg/Kg	☼	10/08/24 13:00	10/09/24 16:23	1
Zinc	**200**		5.6	4.0	mg/Kg	☼	10/08/24 13:00	10/09/24 16:23	1

Method: SW846 7471B - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	**0.047**	**J B**	0.14	0.024	mg/Kg	☼	10/08/24 13:00	10/09/24 09:53	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cyanide, Total (SW846 9012B)	**52**		15	12	mg/Kg	☼	10/10/24 11:02	10/10/24 14:49	25

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Solids (EPA Moisture)	**84.8**		0.1	0.1	%			10/08/24 13:25	1
Percent Moisture (EPA Moisture)	**15.2**		0.1	0.1	%			10/08/24 13:25	1

Client: August Mack Environmental, Inc.
Project/Site: MSC Canfield - Soil

Job ID: 240-212566-1

Client Sample ID: T875-E-2.0
Date Collected: 10/05/24 14:30
Date Received: 10/07/24 13:00

Lab Sample ID: 240-212566-3
Matrix: Solid
Percent Solids: 80.6

Method: SW846 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		6.2	2.2	ug/Kg	☼	10/07/24 19:59	10/07/24 22:11	1
1,1,2,2-Tetrachloroethane	ND		6.2	1.8	ug/Kg	☼	10/07/24 19:59	10/07/24 22:11	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		6.2	1.6	ug/Kg	☼	10/07/24 19:59	10/07/24 22:11	1
1,1,2-Trichloroethane	ND		6.2	1.4	ug/Kg	☼	10/07/24 19:59	10/07/24 22:11	1
1,1-Dichloroethane	ND		6.2	1.7	ug/Kg	☼	10/07/24 19:59	10/07/24 22:11	1
1,1-Dichloroethene	ND		6.2	2.2	ug/Kg	☼	10/07/24 19:59	10/07/24 22:11	1
1,2,4-Trichlorobenzene	ND		6.2	3.1	ug/Kg	☼	10/07/24 19:59	10/07/24 22:11	1
1,2-Dibromo-3-Chloropropane	ND		12	4.5	ug/Kg	☼	10/07/24 19:59	10/07/24 22:11	1
Ethylene Dibromide	ND		6.2	0.95	ug/Kg	☼	10/07/24 19:59	10/07/24 22:11	1
1,2-Dichlorobenzene	ND		6.2	1.4	ug/Kg	☼	10/07/24 19:59	10/07/24 22:11	1
1,2-Dichloroethane	ND		6.2	2.2	ug/Kg	☼	10/07/24 19:59	10/07/24 22:11	1
1,2-Dichloropropane	ND		6.2	1.1	ug/Kg	☼	10/07/24 19:59	10/07/24 22:11	1
1,3-Dichlorobenzene	ND		6.2	2.0	ug/Kg	☼	10/07/24 19:59	10/07/24 22:11	1
1,4-Dichlorobenzene	ND		6.2	1.1	ug/Kg	☼	10/07/24 19:59	10/07/24 22:11	1
2-Butanone (MEK)	**8.2**	**J**	25	4.4	ug/Kg	☼	10/07/24 19:59	10/07/24 22:11	1
2-Hexanone	ND		25	5.0	ug/Kg	☼	10/07/24 19:59	10/07/24 22:11	1
4-Methyl-2-pentanone (MIBK)	ND		25	4.6	ug/Kg	☼	10/07/24 19:59	10/07/24 22:11	1
Acetone	**37**		31	26	ug/Kg	☼	10/07/24 19:59	10/07/24 22:11	1
Benzene	ND		6.2	0.86	ug/Kg	☼	10/07/24 19:59	10/07/24 22:11	1
Dichlorobromomethane	ND		6.2	1.9	ug/Kg	☼	10/07/24 19:59	10/07/24 22:11	1
Bromoform	ND		6.2	3.0	ug/Kg	☼	10/07/24 19:59	10/07/24 22:11	1
Bromomethane	ND		6.2	5.1	ug/Kg	☼	10/07/24 19:59	10/07/24 22:11	1
Carbon disulfide	ND		6.2	1.4	ug/Kg	☼	10/07/24 19:59	10/07/24 22:11	1
Carbon tetrachloride	ND		6.2	4.0	ug/Kg	☼	10/07/24 19:59	10/07/24 22:11	1
Chlorobenzene	ND		6.2	1.1	ug/Kg	☼	10/07/24 19:59	10/07/24 22:11	1
Chloroethane	ND		6.2	3.4	ug/Kg	☼	10/07/24 19:59	10/07/24 22:11	1
Chloroform	ND		6.2	0.97	ug/Kg	☼	10/07/24 19:59	10/07/24 22:11	1
Chloromethane	ND		6.2	2.8	ug/Kg	☼	10/07/24 19:59	10/07/24 22:11	1
cis-1,2-Dichloroethene	ND		6.2	1.8	ug/Kg	☼	10/07/24 19:59	10/07/24 22:11	1
cis-1,3-Dichloropropene	ND		6.2	3.6	ug/Kg	☼	10/07/24 19:59	10/07/24 22:11	1
Cyclohexane	ND		12	1.7	ug/Kg	☼	10/07/24 19:59	10/07/24 22:11	1
Chlorodibromomethane	ND		6.2	3.4	ug/Kg	☼	10/07/24 19:59	10/07/24 22:11	1
Dichlorodifluoromethane	ND		6.2	2.8	ug/Kg	☼	10/07/24 19:59	10/07/24 22:11	1
Ethylbenzene	ND		6.2	1.3	ug/Kg	☼	10/07/24 19:59	10/07/24 22:11	1
Isopropylbenzene	ND		6.2	2.4	ug/Kg	☼	10/07/24 19:59	10/07/24 22:11	1
Methyl acetate	ND		31	4.2	ug/Kg	☼	10/07/24 19:59	10/07/24 22:11	1
Methyl tert-butyl ether	ND		6.2	2.4	ug/Kg	☼	10/07/24 19:59	10/07/24 22:11	1
Methylcyclohexane	ND		12	1.5	ug/Kg	☼	10/07/24 19:59	10/07/24 22:11	1
Methylene Chloride	ND		31	15	ug/Kg	☼	10/07/24 19:59	10/07/24 22:11	1
Styrene	ND		6.2	1.4	ug/Kg	☼	10/07/24 19:59	10/07/24 22:11	1
Tetrachloroethene	ND		6.2	4.8	ug/Kg	☼	10/07/24 19:59	10/07/24 22:11	1
Toluene	ND		6.2	0.95	ug/Kg	☼	10/07/24 19:59	10/07/24 22:11	1
trans-1,2-Dichloroethene	ND		6.2	1.8	ug/Kg	☼	10/07/24 19:59	10/07/24 22:11	1
trans-1,3-Dichloropropene	ND		6.2	4.6	ug/Kg	☼	10/07/24 19:59	10/07/24 22:11	1
Trichloroethene	ND		6.2	1.8	ug/Kg	☼	10/07/24 19:59	10/07/24 22:11	1
Trichlorofluoromethane	ND		6.2	3.3	ug/Kg	☼	10/07/24 19:59	10/07/24 22:11	1
Vinyl chloride	ND		6.2	2.2	ug/Kg	☼	10/07/24 19:59	10/07/24 22:11	1
Xylenes, Total	ND		12	2.0	ug/Kg	☼	10/07/24 19:59	10/07/24 22:11	1

Client Sample ID: T875-E-2.0

Date Collected: 10/05/24 14:30
Date Received: 10/07/24 13:00

Lab Sample ID: 240-212566-3

Matrix: Solid
Percent Solids: 80.6

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
Toluene-d8 (Surr)	*106*		*56 - 125*	*10/07/24 19:59*	*10/07/24 22:11*	*1*
Dibromofluoromethane (Surr)	*97*		*41 - 138*	*10/07/24 19:59*	*10/07/24 22:11*	*1*
4-Bromofluorobenzene (Surr)	*108*		*41 - 143*	*10/07/24 19:59*	*10/07/24 22:11*	*1*
1,2-Dichloroethane-d4 (Surr)	*104*		*58 - 125*	*10/07/24 19:59*	*10/07/24 22:11*	*1*

Method: SW846 8270E - Semivolatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1'-Biphenyl	ND		120	34	ug/Kg	☼	10/08/24 09:11	10/09/24 13:38	1
bis (2-chloroisopropyl) ether	ND		120	31	ug/Kg	☼	10/08/24 09:11	10/09/24 13:38	1
2,4,5-Trichlorophenol	ND		180	40	ug/Kg	☼	10/08/24 09:11	10/09/24 13:38	1
2,4,6-Trichlorophenol	ND		180	35	ug/Kg	☼	10/08/24 09:11	10/09/24 13:38	1
2,4-Dichlorophenol	ND		180	33	ug/Kg	☼	10/08/24 09:11	10/09/24 13:38	1
2,4-Dimethylphenol	ND		180	43	ug/Kg	☼	10/08/24 09:11	10/09/24 13:38	1
2,4-Dinitrophenol	ND		400	210	ug/Kg	☼	10/08/24 09:11	10/09/24 13:38	1
2,4-Dinitrotoluene	ND		240	28	ug/Kg	☼	10/08/24 09:11	10/09/24 13:38	1
2,6-Dinitrotoluene	ND		240	43	ug/Kg	☼	10/08/24 09:11	10/09/24 13:38	1
2-Chloronaphthalene	ND		120	34	ug/Kg	☼	10/08/24 09:11	10/09/24 13:38	1
2-Chlorophenol	ND		120	31	ug/Kg	☼	10/08/24 09:11	10/09/24 13:38	1
2-Methylnaphthalene	**30**	**J**	48	16	ug/Kg	☼	10/08/24 09:11	10/09/24 13:38	1
2-Methylphenol	ND		240	49	ug/Kg	☼	10/08/24 09:11	10/09/24 13:38	1
2-Nitroaniline	ND		240	46	ug/Kg	☼	10/08/24 09:11	10/09/24 13:38	1
2-Nitrophenol	ND		120	42	ug/Kg	☼	10/08/24 09:11	10/09/24 13:38	1
3,3'-Dichlorobenzidine	ND		180	110	ug/Kg	☼	10/08/24 09:11	10/09/24 13:38	1
3-Nitroaniline	ND		240	42	ug/Kg	☼	10/08/24 09:11	10/09/24 13:38	1
4,6-Dinitro-2-methylphenol	ND		400	130	ug/Kg	☼	10/08/24 09:11	10/09/24 13:38	1
4-Bromophenyl phenyl ether	ND		120	39	ug/Kg	☼	10/08/24 09:11	10/09/24 13:38	1
4-Chloro-3-methylphenol	ND		180	46	ug/Kg	☼	10/08/24 09:11	10/09/24 13:38	1
4-Chloroaniline	ND		180	19	ug/Kg	☼	10/08/24 09:11	10/09/24 13:38	1
4-Chlorophenyl phenyl ether	ND		120	34	ug/Kg	☼	10/08/24 09:11	10/09/24 13:38	1
4-Nitroaniline	ND		240	31	ug/Kg	☼	10/08/24 09:11	10/09/24 13:38	1
4-Nitrophenol	ND		400	110	ug/Kg	☼	10/08/24 09:11	10/09/24 13:38	1
Acenaphthene	ND		48	17	ug/Kg	☼	10/08/24 09:11	10/09/24 13:38	1
Acenaphthylene	ND		48	18	ug/Kg	☼	10/08/24 09:11	10/09/24 13:38	1
Acetophenone	ND		120	30	ug/Kg	☼	10/08/24 09:11	10/09/24 13:38	1
Anthracene	ND		48	14	ug/Kg	☼	10/08/24 09:11	10/09/24 13:38	1
Atrazine	ND		400	83	ug/Kg	☼	10/08/24 09:11	10/09/24 13:38	1
Benzaldehyde	ND		400	68	ug/Kg	☼	10/08/24 09:11	10/09/24 13:38	1
Benzo[a]anthracene	ND		48	18	ug/Kg	☼	10/08/24 09:11	10/09/24 13:38	1
Benzo[a]pyrene	ND		48	17	ug/Kg	☼	10/08/24 09:11	10/09/24 13:38	1
Benzo[b]fluoranthene	**17**	**J**	48	14	ug/Kg	☼	10/08/24 09:11	10/09/24 13:38	1
Benzo[g,h,i]perylene	ND		48	33	ug/Kg	☼	10/08/24 09:11	10/09/24 13:38	1
Benzo[k]fluoranthene	ND		48	12	ug/Kg	☼	10/08/24 09:11	10/09/24 13:38	1
Bis(2-chloroethoxy)methane	ND		120	24	ug/Kg	☼	10/08/24 09:11	10/09/24 13:38	1
Bis(2-chloroethyl)ether	ND		120	27	ug/Kg	☼	10/08/24 09:11	10/09/24 13:38	1
Bis(2-ethylhexyl) phthalate	ND		180	68	ug/Kg	☼	10/08/24 09:11	10/09/24 13:38	1
Butyl benzyl phthalate	ND		180	61	ug/Kg	☼	10/08/24 09:11	10/09/24 13:38	1
Caprolactam	ND		400	83	ug/Kg	☼	10/08/24 09:11	10/09/24 13:38	1
Carbazole	ND		120	33	ug/Kg	☼	10/08/24 09:11	10/09/24 13:38	1
Chrysene	**19**	**J**	48	17	ug/Kg	☼	10/08/24 09:11	10/09/24 13:38	1
Dibenz(a,h)anthracene	ND		48	18	ug/Kg	☼	10/08/24 09:11	10/09/24 13:38	1

Client Sample ID: T875-E-2.0

Date Collected: 10/05/24 14:30
Date Received: 10/07/24 13:00

Lab Sample ID: 240-212566-3

Matrix: Solid
Percent Solids: 80.6

Method: SW846 8270E - Semivolatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Dibenzofuran	ND		120	35	ug/Kg	☼	10/08/24 09:11	10/09/24 13:38	1
Diethyl phthalate	ND		180	52	ug/Kg	☼	10/08/24 09:11	10/09/24 13:38	1
Dimethyl phthalate	ND		180	48	ug/Kg	☼	10/08/24 09:11	10/09/24 13:38	1
Di-n-butyl phthalate	ND		180	61	ug/Kg	☼	10/08/24 09:11	10/09/24 13:38	1
Di-n-octyl phthalate	ND		180	60	ug/Kg	☼	10/08/24 09:11	10/09/24 13:38	1
Fluoranthene	**40**	**J**	48	17	ug/Kg	☼	10/08/24 09:11	10/09/24 13:38	1
Fluorene	ND		48	17	ug/Kg	☼	10/08/24 09:11	10/09/24 13:38	1
Hexachlorobenzene	ND		48	17	ug/Kg	☼	10/08/24 09:11	10/09/24 13:38	1
Hexachlorobutadiene	ND		120	25	ug/Kg	☼	10/08/24 09:11	10/09/24 13:38	1
Hexachlorocyclopentadiene	ND	*-	400	47	ug/Kg	☼	10/08/24 09:11	10/09/24 13:38	1
Hexachloroethane	ND		120	39	ug/Kg	☼	10/08/24 09:11	10/09/24 13:38	1
Indeno[1,2,3-cd]pyrene	ND		48	14	ug/Kg	☼	10/08/24 09:11	10/09/24 13:38	1
Isophorone	ND		120	31	ug/Kg	☼	10/08/24 09:11	10/09/24 13:38	1
N-Nitrosodi-n-propylamine	ND		120	45	ug/Kg	☼	10/08/24 09:11	10/09/24 13:38	1
N-Nitrosodiphenylamine	ND		120	33	ug/Kg	☼	10/08/24 09:11	10/09/24 13:38	1
Naphthalene	**22**	**J**	48	16	ug/Kg	☼	10/08/24 09:11	10/09/24 13:38	1
Nitrobenzene	ND		120	27	ug/Kg	☼	10/08/24 09:11	10/09/24 13:38	1
Pentachlorophenol	ND		330	130	ug/Kg	☼	10/08/24 09:11	10/09/24 13:38	1
Phenanthrene	**23**	**J**	48	16	ug/Kg	☼	10/08/24 09:11	10/09/24 13:38	1
Phenol	ND		120	46	ug/Kg	☼	10/08/24 09:11	10/09/24 13:38	1
Pyrene	**34**	**J**	48	19	ug/Kg	☼	10/08/24 09:11	10/09/24 13:38	1
3 & 4 Methylphenol	ND		480	49	ug/Kg	☼	10/08/24 09:11	10/09/24 13:38	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Terphenyl-d14 (Surr)	*61*		*37 - 120*	*10/08/24 09:11*	*10/09/24 13:38*	*1*
Phenol-d5 (Surr)	*63*		*29 - 120*	*10/08/24 09:11*	*10/09/24 13:38*	*1*
Nitrobenzene-d5 (Surr)	*55*		*28 - 120*	*10/08/24 09:11*	*10/09/24 13:38*	*1*
2-Fluorophenol (Surr)	*63*		*26 - 120*	*10/08/24 09:11*	*10/09/24 13:38*	*1*
2-Fluorobiphenyl (Surr)	*64*		*36 - 120*	*10/08/24 09:11*	*10/09/24 13:38*	*1*
2,4,6-Tribromophenol (Surr)	*70*		*10 - 120*	*10/08/24 09:11*	*10/09/24 13:38*	*1*

Method: SW846 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aroclor-1016	ND		61	30	ug/Kg	☼	10/08/24 09:17	10/09/24 11:54	1
Aroclor-1221	ND		61	37	ug/Kg	☼	10/08/24 09:17	10/09/24 11:54	1
Aroclor-1232	ND		61	26	ug/Kg	☼	10/08/24 09:17	10/09/24 11:54	1
Aroclor-1242	ND		61	23	ug/Kg	☼	10/08/24 09:17	10/09/24 11:54	1
Aroclor-1248	ND		61	21	ug/Kg	☼	10/08/24 09:17	10/09/24 11:54	1
Aroclor-1254	ND		61	26	ug/Kg	☼	10/08/24 09:17	10/09/24 11:54	1
Aroclor-1260	ND		61	26	ug/Kg	☼	10/08/24 09:17	10/09/24 11:54	1
Aroclor-1262	ND		61	27	ug/Kg	☼	10/08/24 09:17	10/09/24 11:54	1
Aroclor-1268	ND		61	20	ug/Kg	☼	10/08/24 09:17	10/09/24 11:54	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Tetrachloro-m-xylene	*70*		*10 - 149*	*10/08/24 09:17*	*10/09/24 11:54*	*1*
DCB Decachlorobiphenyl	*86*		*10 - 174*	*10/08/24 09:17*	*10/09/24 11:54*	*1*

Method: SW846 6010D - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	**20**		1.9	0.39	mg/Kg	☼	10/08/24 13:00	10/09/24 16:28	1

Client: August Mack Environmental, Inc.
Project/Site: MSC Canfield - Soil

Job ID: 240-212566-1

Client Sample ID: T875-E-2.0
Date Collected: 10/05/24 14:30
Date Received: 10/07/24 13:00

Lab Sample ID: 240-212566-3
Matrix: Solid
Percent Solids: 80.6

Method: SW846 6010D - Metals (ICP) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Barium	46		25	0.16	mg/Kg	☼	10/08/24 13:00	10/09/24 16:28	1
Cadmium	0.078	J	0.62	0.060	mg/Kg	☼	10/08/24 13:00	10/09/24 16:28	1
Chromium	14		1.2	0.43	mg/Kg	☼	10/08/24 13:00	10/09/24 16:28	1
Copper	19		3.1	0.87	mg/Kg	☼	10/08/24 13:00	10/09/24 16:28	1
Lead	15		1.2	0.35	mg/Kg	☼	10/08/24 13:00	10/09/24 16:28	1
Selenium	ND		2.5	0.58	mg/Kg	☼	10/08/24 13:00	10/09/24 16:28	1
Silver	ND		1.2	0.10	mg/Kg	☼	10/08/24 13:00	10/09/24 16:28	1
Zinc	68		6.2	4.5	mg/Kg	☼	10/08/24 13:00	10/09/24 16:28	1

Method: SW846 7471B - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.056	J B	0.11	0.019	mg/Kg	☼	10/08/24 13:00	10/09/24 09:54	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cyanide, Total (SW846 9012B)	1.8		0.67	0.54	mg/Kg	☼	10/10/24 11:02	10/10/24 16:37	1

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Solids (EPA Moisture)	80.6		0.1	0.1	%			10/08/24 13:25	1
Percent Moisture (EPA Moisture)	19.4		0.1	0.1	%			10/08/24 13:25	1

Client: August Mack Environmental, Inc.
Project/Site: MSC Canfield - Soil

Job ID: 240-212566-1

Client Sample ID: DUP-7-20241005
Date Collected: 10/05/24 00:00
Date Received: 10/07/24 13:00

Lab Sample ID: 240-212566-4
Matrix: Solid
Percent Solids: 81.1

Method: SW846 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		6.1	2.2	ug/Kg	☼	10/07/24 19:59	10/07/24 22:35	1
1,1,2,2-Tetrachloroethane	ND		6.1	1.7	ug/Kg	☼	10/07/24 19:59	10/07/24 22:35	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		6.1	1.6	ug/Kg	☼	10/07/24 19:59	10/07/24 22:35	1
1,1,2-Trichloroethane	ND		6.1	1.4	ug/Kg	☼	10/07/24 19:59	10/07/24 22:35	1
1,1-Dichloroethane	ND		6.1	1.7	ug/Kg	☼	10/07/24 19:59	10/07/24 22:35	1
1,1-Dichloroethene	ND		6.1	2.2	ug/Kg	☼	10/07/24 19:59	10/07/24 22:35	1
1,2,4-Trichlorobenzene	ND		6.1	3.0	ug/Kg	☼	10/07/24 19:59	10/07/24 22:35	1
1,2-Dibromo-3-Chloropropane	ND		12	4.4	ug/Kg	☼	10/07/24 19:59	10/07/24 22:35	1
Ethylene Dibromide	ND		6.1	0.94	ug/Kg	☼	10/07/24 19:59	10/07/24 22:35	1
1,2-Dichlorobenzene	ND		6.1	1.4	ug/Kg	☼	10/07/24 19:59	10/07/24 22:35	1
1,2-Dichloroethane	ND		6.1	2.2	ug/Kg	☼	10/07/24 19:59	10/07/24 22:35	1
1,2-Dichloropropane	ND		6.1	1.0	ug/Kg	☼	10/07/24 19:59	10/07/24 22:35	1
1,3-Dichlorobenzene	ND		6.1	2.0	ug/Kg	☼	10/07/24 19:59	10/07/24 22:35	1
1,4-Dichlorobenzene	ND		6.1	1.1	ug/Kg	☼	10/07/24 19:59	10/07/24 22:35	1
2-Butanone (MEK)	ND		24	4.3	ug/Kg	☼	10/07/24 19:59	10/07/24 22:35	1
2-Hexanone	ND		24	5.0	ug/Kg	☼	10/07/24 19:59	10/07/24 22:35	1
4-Methyl-2-pentanone (MIBK)	ND		24	4.5	ug/Kg	☼	10/07/24 19:59	10/07/24 22:35	1
Acetone	ND		30	26	ug/Kg	☼	10/07/24 19:59	10/07/24 22:35	1
Benzene	ND		6.1	0.85	ug/Kg	☼	10/07/24 19:59	10/07/24 22:35	1
Dichlorobromomethane	ND		6.1	1.8	ug/Kg	☼	10/07/24 19:59	10/07/24 22:35	1
Bromoform	ND		6.1	2.9	ug/Kg	☼	10/07/24 19:59	10/07/24 22:35	1
Bromomethane	ND		6.1	5.1	ug/Kg	☼	10/07/24 19:59	10/07/24 22:35	1
Carbon disulfide	ND		6.1	1.4	ug/Kg	☼	10/07/24 19:59	10/07/24 22:35	1
Carbon tetrachloride	ND		6.1	4.0	ug/Kg	☼	10/07/24 19:59	10/07/24 22:35	1
Chlorobenzene	ND		6.1	1.1	ug/Kg	☼	10/07/24 19:59	10/07/24 22:35	1
Chloroethane	ND		6.1	3.3	ug/Kg	☼	10/07/24 19:59	10/07/24 22:35	1
Chloroform	ND		6.1	0.96	ug/Kg	☼	10/07/24 19:59	10/07/24 22:35	1
Chloromethane	ND		6.1	2.8	ug/Kg	☼	10/07/24 19:59	10/07/24 22:35	1
cis-1,2-Dichloroethene	ND		6.1	1.8	ug/Kg	☼	10/07/24 19:59	10/07/24 22:35	1
cis-1,3-Dichloropropene	ND		6.1	3.5	ug/Kg	☼	10/07/24 19:59	10/07/24 22:35	1
Cyclohexane	ND		12	1.7	ug/Kg	☼	10/07/24 19:59	10/07/24 22:35	1
Chlorodibromomethane	ND		6.1	3.4	ug/Kg	☼	10/07/24 19:59	10/07/24 22:35	1
Dichlorodifluoromethane	ND		6.1	2.8	ug/Kg	☼	10/07/24 19:59	10/07/24 22:35	1
Ethylbenzene	ND		6.1	1.3	ug/Kg	☼	10/07/24 19:59	10/07/24 22:35	1
Isopropylbenzene	ND		6.1	2.3	ug/Kg	☼	10/07/24 19:59	10/07/24 22:35	1
Methyl acetate	ND		30	4.1	ug/Kg	☼	10/07/24 19:59	10/07/24 22:35	1
Methyl tert-butyl ether	ND		6.1	2.4	ug/Kg	☼	10/07/24 19:59	10/07/24 22:35	1
Methylcyclohexane	ND		12	1.5	ug/Kg	☼	10/07/24 19:59	10/07/24 22:35	1
Methylene Chloride	ND		30	15	ug/Kg	☼	10/07/24 19:59	10/07/24 22:35	1
Styrene	ND		6.1	1.4	ug/Kg	☼	10/07/24 19:59	10/07/24 22:35	1
Tetrachloroethene	ND		6.1	4.7	ug/Kg	☼	10/07/24 19:59	10/07/24 22:35	1
Toluene	ND		6.1	0.94	ug/Kg	☼	10/07/24 19:59	10/07/24 22:35	1
trans-1,2-Dichloroethene	ND		6.1	1.7	ug/Kg	☼	10/07/24 19:59	10/07/24 22:35	1
trans-1,3-Dichloropropene	ND		6.1	4.5	ug/Kg	☼	10/07/24 19:59	10/07/24 22:35	1
Trichloroethene	ND		6.1	1.7	ug/Kg	☼	10/07/24 19:59	10/07/24 22:35	1
Trichlorofluoromethane	ND		6.1	3.3	ug/Kg	☼	10/07/24 19:59	10/07/24 22:35	1
Vinyl chloride	ND		6.1	2.2	ug/Kg	☼	10/07/24 19:59	10/07/24 22:35	1
Xylenes, Total	ND		12	1.9	ug/Kg	☼	10/07/24 19:59	10/07/24 22:35	1

Client Sample ID: DUP-7-20241005

Date Collected: 10/05/24 00:00
Date Received: 10/07/24 13:00

Lab Sample ID: 240-212566-4

Matrix: Solid
Percent Solids: 81.1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
Toluene-d8 (Surr)	*105*		*56 - 125*	*10/07/24 19:59*	*10/07/24 22:35*	*1*
Dibromofluoromethane (Surr)	*96*		*41 - 138*	*10/07/24 19:59*	*10/07/24 22:35*	*1*
4-Bromofluorobenzene (Surr)	*106*		*41 - 143*	*10/07/24 19:59*	*10/07/24 22:35*	*1*
1,2-Dichloroethane-d4 (Surr)	*103*		*58 - 125*	*10/07/24 19:59*	*10/07/24 22:35*	*1*

Method: SW846 8270E - Semivolatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1'-Biphenyl	ND		120	34	ug/Kg	☼	10/08/24 09:11	10/09/24 14:02	1
bis (2-chloroisopropyl) ether	ND		120	31	ug/Kg	☼	10/08/24 09:11	10/09/24 14:02	1
2,4,5-Trichlorophenol	ND		180	40	ug/Kg	☼	10/08/24 09:11	10/09/24 14:02	1
2,4,6-Trichlorophenol	ND		180	35	ug/Kg	☼	10/08/24 09:11	10/09/24 14:02	1
2,4-Dichlorophenol	ND		180	32	ug/Kg	☼	10/08/24 09:11	10/09/24 14:02	1
2,4-Dimethylphenol	ND		180	43	ug/Kg	☼	10/08/24 09:11	10/09/24 14:02	1
2,4-Dinitrophenol	ND		400	210	ug/Kg	☼	10/08/24 09:11	10/09/24 14:02	1
2,4-Dinitrotoluene	ND		240	28	ug/Kg	☼	10/08/24 09:11	10/09/24 14:02	1
2,6-Dinitrotoluene	ND		240	43	ug/Kg	☼	10/08/24 09:11	10/09/24 14:02	1
2-Chloronaphthalene	ND		120	34	ug/Kg	☼	10/08/24 09:11	10/09/24 14:02	1
2-Chlorophenol	ND		120	31	ug/Kg	☼	10/08/24 09:11	10/09/24 14:02	1
2-Methylnaphthalene	ND		48	16	ug/Kg	☼	10/08/24 09:11	10/09/24 14:02	1
2-Methylphenol	ND		240	49	ug/Kg	☼	10/08/24 09:11	10/09/24 14:02	1
2-Nitroaniline	ND		240	46	ug/Kg	☼	10/08/24 09:11	10/09/24 14:02	1
2-Nitrophenol	ND		120	42	ug/Kg	☼	10/08/24 09:11	10/09/24 14:02	1
3,3'-Dichlorobenzidine	ND		180	110	ug/Kg	☼	10/08/24 09:11	10/09/24 14:02	1
3-Nitroaniline	ND		240	42	ug/Kg	☼	10/08/24 09:11	10/09/24 14:02	1
4,6-Dinitro-2-methylphenol	ND		400	120	ug/Kg	☼	10/08/24 09:11	10/09/24 14:02	1
4-Bromophenyl phenyl ether	ND		120	38	ug/Kg	☼	10/08/24 09:11	10/09/24 14:02	1
4-Chloro-3-methylphenol	ND		180	46	ug/Kg	☼	10/08/24 09:11	10/09/24 14:02	1
4-Chloroaniline	ND		180	19	ug/Kg	☼	10/08/24 09:11	10/09/24 14:02	1
4-Chlorophenyl phenyl ether	ND		120	34	ug/Kg	☼	10/08/24 09:11	10/09/24 14:02	1
4-Nitroaniline	ND		240	31	ug/Kg	☼	10/08/24 09:11	10/09/24 14:02	1
4-Nitrophenol	ND		400	110	ug/Kg	☼	10/08/24 09:11	10/09/24 14:02	1
Acenaphthene	ND		48	17	ug/Kg	☼	10/08/24 09:11	10/09/24 14:02	1
Acenaphthylene	ND		48	18	ug/Kg	☼	10/08/24 09:11	10/09/24 14:02	1
Acetophenone	ND		120	30	ug/Kg	☼	10/08/24 09:11	10/09/24 14:02	1
Anthracene	ND		48	14	ug/Kg	☼	10/08/24 09:11	10/09/24 14:02	1
Atrazine	ND		400	83	ug/Kg	☼	10/08/24 09:11	10/09/24 14:02	1
Benzaldehyde	ND		400	67	ug/Kg	☼	10/08/24 09:11	10/09/24 14:02	1
Benzo[a]anthracene	ND		48	18	ug/Kg	☼	10/08/24 09:11	10/09/24 14:02	1
Benzo[a]pyrene	ND		48	17	ug/Kg	☼	10/08/24 09:11	10/09/24 14:02	1
Benzo[b]fluoranthene	ND		48	14	ug/Kg	☼	10/08/24 09:11	10/09/24 14:02	1
Benzo[g,h,i]perylene	ND		48	32	ug/Kg	☼	10/08/24 09:11	10/09/24 14:02	1
Benzo[k]fluoranthene	ND		48	12	ug/Kg	☼	10/08/24 09:11	10/09/24 14:02	1
Bis(2-chloroethoxy)methane	ND		120	24	ug/Kg	☼	10/08/24 09:11	10/09/24 14:02	1
Bis(2-chloroethyl)ether	ND		120	26	ug/Kg	☼	10/08/24 09:11	10/09/24 14:02	1
Bis(2-ethylhexyl) phthalate	ND		180	67	ug/Kg	☼	10/08/24 09:11	10/09/24 14:02	1
Butyl benzyl phthalate	ND		180	61	ug/Kg	☼	10/08/24 09:11	10/09/24 14:02	1
Caprolactam	ND		400	83	ug/Kg	☼	10/08/24 09:11	10/09/24 14:02	1
Carbazole	ND		120	32	ug/Kg	☼	10/08/24 09:11	10/09/24 14:02	1
Chrysene	ND		48	17	ug/Kg	☼	10/08/24 09:11	10/09/24 14:02	1
Dibenz(a,h)anthracene	ND		48	18	ug/Kg	☼	10/08/24 09:11	10/09/24 14:02	1

Client Sample ID: DUP-7-20241005

Date Collected: 10/05/24 00:00
Date Received: 10/07/24 13:00

Lab Sample ID: 240-212566-4

Matrix: Solid
Percent Solids: 81.1

Method: SW846 8270E - Semivolatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Dibenzofuran	ND		120	35	ug/Kg	☼	10/08/24 09:11	10/09/24 14:02	1
Diethyl phthalate	ND		180	52	ug/Kg	☼	10/08/24 09:11	10/09/24 14:02	1
Dimethyl phthalate	ND		180	48	ug/Kg	☼	10/08/24 09:11	10/09/24 14:02	1
Di-n-butyl phthalate	ND		180	61	ug/Kg	☼	10/08/24 09:11	10/09/24 14:02	1
Di-n-octyl phthalate	ND		180	60	ug/Kg	☼	10/08/24 09:11	10/09/24 14:02	1
Fluoranthene	ND		48	17	ug/Kg	☼	10/08/24 09:11	10/09/24 14:02	1
Fluorene	ND		48	17	ug/Kg	☼	10/08/24 09:11	10/09/24 14:02	1
Hexachlorobenzene	ND		48	17	ug/Kg	☼	10/08/24 09:11	10/09/24 14:02	1
Hexachlorobutadiene	ND		120	25	ug/Kg	☼	10/08/24 09:11	10/09/24 14:02	1
Hexachlorocyclopentadiene	ND	*-	400	47	ug/Kg	☼	10/08/24 09:11	10/09/24 14:02	1
Hexachloroethane	ND		120	38	ug/Kg	☼	10/08/24 09:11	10/09/24 14:02	1
Indeno[1,2,3-cd]pyrene	ND		48	14	ug/Kg	☼	10/08/24 09:11	10/09/24 14:02	1
Isophorone	ND		120	31	ug/Kg	☼	10/08/24 09:11	10/09/24 14:02	1
N-Nitrosodi-n-propylamine	ND		120	44	ug/Kg	☼	10/08/24 09:11	10/09/24 14:02	1
N-Nitrosodiphenylamine	ND		120	32	ug/Kg	☼	10/08/24 09:11	10/09/24 14:02	1
Naphthalene	ND		48	16	ug/Kg	☼	10/08/24 09:11	10/09/24 14:02	1
Nitrobenzene	ND		120	26	ug/Kg	☼	10/08/24 09:11	10/09/24 14:02	1
Pentachlorophenol	ND		320	130	ug/Kg	☼	10/08/24 09:11	10/09/24 14:02	1
Phenanthrene	ND		48	16	ug/Kg	☼	10/08/24 09:11	10/09/24 14:02	1
Phenol	ND		120	46	ug/Kg	☼	10/08/24 09:11	10/09/24 14:02	1
Pyrene	ND		48	19	ug/Kg	☼	10/08/24 09:11	10/09/24 14:02	1
3 & 4 Methylphenol	ND		480	49	ug/Kg	☼	10/08/24 09:11	10/09/24 14:02	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Terphenyl-d14 (Surr)	*76*		*37 - 120*	*10/08/24 09:11*	*10/09/24 14:02*	*1*
Phenol-d5 (Surr)	*75*		*29 - 120*	*10/08/24 09:11*	*10/09/24 14:02*	*1*
Nitrobenzene-d5 (Surr)	*70*		*28 - 120*	*10/08/24 09:11*	*10/09/24 14:02*	*1*
2-Fluorophenol (Surr)	*72*		*26 - 120*	*10/08/24 09:11*	*10/09/24 14:02*	*1*
2-Fluorobiphenyl (Surr)	*72*		*36 - 120*	*10/08/24 09:11*	*10/09/24 14:02*	*1*
2,4,6-Tribromophenol (Surr)	*82*		*10 - 120*	*10/08/24 09:11*	*10/09/24 14:02*	*1*

Method: SW846 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aroclor-1016	ND		60	30	ug/Kg	☼	10/08/24 09:17	10/09/24 12:08	1
Aroclor-1221	ND		60	36	ug/Kg	☼	10/08/24 09:17	10/09/24 12:08	1
Aroclor-1232	ND		60	25	ug/Kg	☼	10/08/24 09:17	10/09/24 12:08	1
Aroclor-1242	ND		60	23	ug/Kg	☼	10/08/24 09:17	10/09/24 12:08	1
Aroclor-1248	ND		60	20	ug/Kg	☼	10/08/24 09:17	10/09/24 12:08	1
Aroclor-1254	ND		60	25	ug/Kg	☼	10/08/24 09:17	10/09/24 12:08	1
Aroclor-1260	ND		60	25	ug/Kg	☼	10/08/24 09:17	10/09/24 12:08	1
Aroclor-1262	ND		60	26	ug/Kg	☼	10/08/24 09:17	10/09/24 12:08	1
Aroclor-1268	ND		60	19	ug/Kg	☼	10/08/24 09:17	10/09/24 12:08	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Tetrachloro-m-xylene	*68*		*10 - 149*	*10/08/24 09:17*	*10/09/24 12:08*	*1*
DCB Decachlorobiphenyl	*84*		*10 - 174*	*10/08/24 09:17*	*10/09/24 12:08*	*1*

Method: SW846 6010D - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	**10**		1.5	0.32	mg/Kg	☼	10/08/24 13:00	10/09/24 16:32	1

Client: August Mack Environmental, Inc.
Project/Site: MSC Canfield - Soil

Job ID: 240-212566-1

Client Sample ID: DUP-7-20241005

Date Collected: 10/05/24 00:00
Date Received: 10/07/24 13:00

Lab Sample ID: 240-212566-4

Matrix: Solid
Percent Solids: 81.1

Method: SW846 6010D - Metals (ICP) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Barium	48		21	0.13	mg/Kg	☼	10/08/24 13:00	10/09/24 16:32	1
Cadmium	ND		0.51	0.049	mg/Kg	☼	10/08/24 13:00	10/09/24 16:32	1
Chromium	13		1.0	0.35	mg/Kg	☼	10/08/24 13:00	10/09/24 16:32	1
Copper	17		2.6	0.72	mg/Kg	☼	10/08/24 13:00	10/09/24 16:32	1
Lead	14		1.0	0.29	mg/Kg	☼	10/08/24 13:00	10/09/24 16:32	1
Selenium	0.54	J	2.1	0.48	mg/Kg	☼	10/08/24 13:00	10/09/24 16:32	1
Silver	ND		1.0	0.083	mg/Kg	☼	10/08/24 13:00	10/09/24 16:32	1
Zinc	65		5.1	3.7	mg/Kg	☼	10/08/24 13:00	10/09/24 16:32	1

Method: SW846 7471B - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.056	J B	0.11	0.020	mg/Kg	☼	10/08/24 13:00	10/09/24 09:56	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cyanide, Total (SW846 9012B)	1.2		0.73	0.58	mg/Kg	☼	10/10/24 11:02	10/10/24 16:39	1

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Solids (EPA Moisture)	81.1		0.1	0.1	%			10/08/24 13:25	1
Percent Moisture (EPA Moisture)	18.9		0.1	0.1	%			10/08/24 13:25	1

Client: August Mack Environmental, Inc.
Project/Site: MSC Canfield - Soil

Job ID: 240-212566-1

Client Sample ID: T875-E-4.0
Date Collected: 10/05/24 14:50
Date Received: 10/07/24 13:00

Lab Sample ID: 240-212566-5
Matrix: Solid
Percent Solids: 81.8

Method: SW846 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		6.0	2.1	ug/Kg	☼	10/07/24 19:59	10/07/24 22:59	1
1,1,2,2-Tetrachloroethane	ND		6.0	1.7	ug/Kg	☼	10/07/24 19:59	10/07/24 22:59	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		6.0	1.5	ug/Kg	☼	10/07/24 19:59	10/07/24 22:59	1
1,1,2-Trichloroethane	ND		6.0	1.4	ug/Kg	☼	10/07/24 19:59	10/07/24 22:59	1
1,1-Dichloroethane	ND		6.0	1.7	ug/Kg	☼	10/07/24 19:59	10/07/24 22:59	1
1,1-Dichloroethene	ND		6.0	2.2	ug/Kg	☼	10/07/24 19:59	10/07/24 22:59	1
1,2,4-Trichlorobenzene	ND		6.0	3.0	ug/Kg	☼	10/07/24 19:59	10/07/24 22:59	1
1,2-Dibromo-3-Chloropropane	ND		12	4.3	ug/Kg	☼	10/07/24 19:59	10/07/24 22:59	1
Ethylene Dibromide	ND		6.0	0.92	ug/Kg	☼	10/07/24 19:59	10/07/24 22:59	1
1,2-Dichlorobenzene	ND		6.0	1.3	ug/Kg	☼	10/07/24 19:59	10/07/24 22:59	1
1,2-Dichloroethane	ND		6.0	2.2	ug/Kg	☼	10/07/24 19:59	10/07/24 22:59	1
1,2-Dichloropropane	ND		6.0	1.0	ug/Kg	☼	10/07/24 19:59	10/07/24 22:59	1
1,3-Dichlorobenzene	ND		6.0	2.0	ug/Kg	☼	10/07/24 19:59	10/07/24 22:59	1
1,4-Dichlorobenzene	ND		6.0	1.1	ug/Kg	☼	10/07/24 19:59	10/07/24 22:59	1
2-Butanone (MEK)	**7.3**	**J**	24	4.3	ug/Kg	☼	10/07/24 19:59	10/07/24 22:59	1
2-Hexanone	ND		24	4.9	ug/Kg	☼	10/07/24 19:59	10/07/24 22:59	1
4-Methyl-2-pentanone (MIBK)	ND		24	4.4	ug/Kg	☼	10/07/24 19:59	10/07/24 22:59	1
Acetone	**28**	**J**	30	25	ug/Kg	☼	10/07/24 19:59	10/07/24 22:59	1
Benzene	ND		6.0	0.83	ug/Kg	☼	10/07/24 19:59	10/07/24 22:59	1
Dichlorobromomethane	ND		6.0	1.8	ug/Kg	☼	10/07/24 19:59	10/07/24 22:59	1
Bromoform	ND		6.0	2.9	ug/Kg	☼	10/07/24 19:59	10/07/24 22:59	1
Bromomethane	ND		6.0	5.0	ug/Kg	☼	10/07/24 19:59	10/07/24 22:59	1
Carbon disulfide	ND		6.0	1.4	ug/Kg	☼	10/07/24 19:59	10/07/24 22:59	1
Carbon tetrachloride	ND		6.0	3.9	ug/Kg	☼	10/07/24 19:59	10/07/24 22:59	1
Chlorobenzene	ND		6.0	1.1	ug/Kg	☼	10/07/24 19:59	10/07/24 22:59	1
Chloroethane	ND		6.0	3.3	ug/Kg	☼	10/07/24 19:59	10/07/24 22:59	1
Chloroform	ND		6.0	0.94	ug/Kg	☼	10/07/24 19:59	10/07/24 22:59	1
Chloromethane	ND		6.0	2.7	ug/Kg	☼	10/07/24 19:59	10/07/24 22:59	1
cis-1,2-Dichloroethene	ND		6.0	1.8	ug/Kg	☼	10/07/24 19:59	10/07/24 22:59	1
cis-1,3-Dichloropropene	ND		6.0	3.4	ug/Kg	☼	10/07/24 19:59	10/07/24 22:59	1
Cyclohexane	ND		12	1.6	ug/Kg	☼	10/07/24 19:59	10/07/24 22:59	1
Chlorodibromomethane	ND		6.0	3.3	ug/Kg	☼	10/07/24 19:59	10/07/24 22:59	1
Dichlorodifluoromethane	ND		6.0	2.7	ug/Kg	☼	10/07/24 19:59	10/07/24 22:59	1
Ethylbenzene	ND		6.0	1.3	ug/Kg	☼	10/07/24 19:59	10/07/24 22:59	1
Isopropylbenzene	ND		6.0	2.3	ug/Kg	☼	10/07/24 19:59	10/07/24 22:59	1
Methyl acetate	ND		30	4.1	ug/Kg	☼	10/07/24 19:59	10/07/24 22:59	1
Methyl tert-butyl ether	ND		6.0	2.4	ug/Kg	☼	10/07/24 19:59	10/07/24 22:59	1
Methylcyclohexane	ND		12	1.5	ug/Kg	☼	10/07/24 19:59	10/07/24 22:59	1
Methylene Chloride	ND		30	14	ug/Kg	☼	10/07/24 19:59	10/07/24 22:59	1
Styrene	ND		6.0	1.4	ug/Kg	☼	10/07/24 19:59	10/07/24 22:59	1
Tetrachloroethene	ND		6.0	4.6	ug/Kg	☼	10/07/24 19:59	10/07/24 22:59	1
Toluene	ND		6.0	0.92	ug/Kg	☼	10/07/24 19:59	10/07/24 22:59	1
trans-1,2-Dichloroethene	ND		6.0	1.7	ug/Kg	☼	10/07/24 19:59	10/07/24 22:59	1
trans-1,3-Dichloropropene	ND		6.0	4.4	ug/Kg	☼	10/07/24 19:59	10/07/24 22:59	1
Trichloroethene	ND		6.0	1.7	ug/Kg	☼	10/07/24 19:59	10/07/24 22:59	1
Trichlorofluoromethane	ND		6.0	3.2	ug/Kg	☼	10/07/24 19:59	10/07/24 22:59	1
Vinyl chloride	ND		6.0	2.1	ug/Kg	☼	10/07/24 19:59	10/07/24 22:59	1
Xylenes, Total	ND		12	1.9	ug/Kg	☼	10/07/24 19:59	10/07/24 22:59	1

Client Sample ID: T875-E-4.0

Date Collected: 10/05/24 14:50
Date Received: 10/07/24 13:00

Lab Sample ID: 240-212566-5

Matrix: Solid
Percent Solids: 81.8

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
Toluene-d8 (Surr)	*103*		*56 - 125*	*10/07/24 19:59*	*10/07/24 22:59*	*1*
Dibromofluoromethane (Surr)	*96*		*41 - 138*	*10/07/24 19:59*	*10/07/24 22:59*	*1*
4-Bromofluorobenzene (Surr)	*106*		*41 - 143*	*10/07/24 19:59*	*10/07/24 22:59*	*1*
1,2-Dichloroethane-d4 (Surr)	*102*		*58 - 125*	*10/07/24 19:59*	*10/07/24 22:59*	*1*

Method: SW846 8270E - Semivolatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1'-Biphenyl	ND		120	34	ug/Kg	☼	10/08/24 09:11	10/09/24 14:27	1
bis (2-chloroisopropyl) ether	ND		120	31	ug/Kg	☼	10/08/24 09:11	10/09/24 14:27	1
2,4,5-Trichlorophenol	ND		180	40	ug/Kg	☼	10/08/24 09:11	10/09/24 14:27	1
2,4,6-Trichlorophenol	ND		180	35	ug/Kg	☼	10/08/24 09:11	10/09/24 14:27	1
2,4-Dichlorophenol	ND		180	33	ug/Kg	☼	10/08/24 09:11	10/09/24 14:27	1
2,4-Dimethylphenol	ND		180	43	ug/Kg	☼	10/08/24 09:11	10/09/24 14:27	1
2,4-Dinitrophenol	ND		400	210	ug/Kg	☼	10/08/24 09:11	10/09/24 14:27	1
2,4-Dinitrotoluene	ND		240	28	ug/Kg	☼	10/08/24 09:11	10/09/24 14:27	1
2,6-Dinitrotoluene	ND		240	43	ug/Kg	☼	10/08/24 09:11	10/09/24 14:27	1
2-Chloronaphthalene	ND		120	34	ug/Kg	☼	10/08/24 09:11	10/09/24 14:27	1
2-Chlorophenol	ND		120	31	ug/Kg	☼	10/08/24 09:11	10/09/24 14:27	1
2-Methylnaphthalene	**39**	**J**	48	16	ug/Kg	☼	10/08/24 09:11	10/09/24 14:27	1
2-Methylphenol	ND		240	50	ug/Kg	☼	10/08/24 09:11	10/09/24 14:27	1
2-Nitroaniline	ND		240	46	ug/Kg	☼	10/08/24 09:11	10/09/24 14:27	1
2-Nitrophenol	ND		120	42	ug/Kg	☼	10/08/24 09:11	10/09/24 14:27	1
3,3'-Dichlorobenzidine	ND		180	110	ug/Kg	☼	10/08/24 09:11	10/09/24 14:27	1
3-Nitroaniline	ND		240	42	ug/Kg	☼	10/08/24 09:11	10/09/24 14:27	1
4,6-Dinitro-2-methylphenol	ND		400	130	ug/Kg	☼	10/08/24 09:11	10/09/24 14:27	1
4-Bromophenyl phenyl ether	ND		120	39	ug/Kg	☼	10/08/24 09:11	10/09/24 14:27	1
4-Chloro-3-methylphenol	ND		180	46	ug/Kg	☼	10/08/24 09:11	10/09/24 14:27	1
4-Chloroaniline	ND		180	19	ug/Kg	☼	10/08/24 09:11	10/09/24 14:27	1
4-Chlorophenyl phenyl ether	ND		120	34	ug/Kg	☼	10/08/24 09:11	10/09/24 14:27	1
4-Nitroaniline	ND		240	31	ug/Kg	☼	10/08/24 09:11	10/09/24 14:27	1
4-Nitrophenol	ND		400	110	ug/Kg	☼	10/08/24 09:11	10/09/24 14:27	1
Acenaphthene	ND		48	17	ug/Kg	☼	10/08/24 09:11	10/09/24 14:27	1
Acenaphthylene	**46**	**J**	48	18	ug/Kg	☼	10/08/24 09:11	10/09/24 14:27	1
Acetophenone	ND		120	30	ug/Kg	☼	10/08/24 09:11	10/09/24 14:27	1
Anthracene	**63**		48	14	ug/Kg	☼	10/08/24 09:11	10/09/24 14:27	1
Atrazine	ND		400	83	ug/Kg	☼	10/08/24 09:11	10/09/24 14:27	1
Benzaldehyde	ND		400	68	ug/Kg	☼	10/08/24 09:11	10/09/24 14:27	1
Benzo[a]anthracene	**210**		48	18	ug/Kg	☼	10/08/24 09:11	10/09/24 14:27	1
Benzo[a]pyrene	**170**		48	17	ug/Kg	☼	10/08/24 09:11	10/09/24 14:27	1
Benzo[b]fluoranthene	**240**		48	14	ug/Kg	☼	10/08/24 09:11	10/09/24 14:27	1
Benzo[g,h,i]perylene	**120**		48	33	ug/Kg	☼	10/08/24 09:11	10/09/24 14:27	1
Benzo[k]fluoranthene	**110**		48	12	ug/Kg	☼	10/08/24 09:11	10/09/24 14:27	1
Bis(2-chloroethoxy)methane	ND		120	24	ug/Kg	☼	10/08/24 09:11	10/09/24 14:27	1
Bis(2-chloroethyl)ether	ND		120	27	ug/Kg	☼	10/08/24 09:11	10/09/24 14:27	1
Bis(2-ethylhexyl) phthalate	ND		180	68	ug/Kg	☼	10/08/24 09:11	10/09/24 14:27	1
Butyl benzyl phthalate	ND		180	62	ug/Kg	☼	10/08/24 09:11	10/09/24 14:27	1
Caprolactam	ND		400	83	ug/Kg	☼	10/08/24 09:11	10/09/24 14:27	1
Carbazole	ND		120	33	ug/Kg	☼	10/08/24 09:11	10/09/24 14:27	1
Chrysene	**190**		48	17	ug/Kg	☼	10/08/24 09:11	10/09/24 14:27	1
Dibenz(a,h)anthracene	**38**	**J**	48	18	ug/Kg	☼	10/08/24 09:11	10/09/24 14:27	1

Client Sample ID: T875-E-4.0
Date Collected: 10/05/24 14:50
Date Received: 10/07/24 13:00

Lab Sample ID: 240-212566-5
Matrix: Solid
Percent Solids: 81.8

Method: SW846 8270E - Semivolatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Dibenzofuran	ND		120	35	ug/Kg	☼	10/08/24 09:11	10/09/24 14:27	1
Diethyl phthalate	ND		180	52	ug/Kg	☼	10/08/24 09:11	10/09/24 14:27	1
Dimethyl phthalate	ND		180	48	ug/Kg	☼	10/08/24 09:11	10/09/24 14:27	1
Di-n-butyl phthalate	ND		180	62	ug/Kg	☼	10/08/24 09:11	10/09/24 14:27	1
Di-n-octyl phthalate	ND		180	60	ug/Kg	☼	10/08/24 09:11	10/09/24 14:27	1
Fluoranthene	**510**		48	17	ug/Kg	☼	10/08/24 09:11	10/09/24 14:27	1
Fluorene	**29**	**J**	48	17	ug/Kg	☼	10/08/24 09:11	10/09/24 14:27	1
Hexachlorobenzene	ND		48	17	ug/Kg	☼	10/08/24 09:11	10/09/24 14:27	1
Hexachlorobutadiene	ND		120	25	ug/Kg	☼	10/08/24 09:11	10/09/24 14:27	1
Hexachlorocyclopentadiene	ND	*-	400	47	ug/Kg	☼	10/08/24 09:11	10/09/24 14:27	1
Hexachloroethane	ND		120	39	ug/Kg	☼	10/08/24 09:11	10/09/24 14:27	1
Indeno[1,2,3-cd]pyrene	**100**		48	14	ug/Kg	☼	10/08/24 09:11	10/09/24 14:27	1
Isophorone	ND		120	31	ug/Kg	☼	10/08/24 09:11	10/09/24 14:27	1
N-Nitrosodi-n-propylamine	ND		120	45	ug/Kg	☼	10/08/24 09:11	10/09/24 14:27	1
N-Nitrosodiphenylamine	ND		120	33	ug/Kg	☼	10/08/24 09:11	10/09/24 14:27	1
Naphthalene	**30**	**J**	48	16	ug/Kg	☼	10/08/24 09:11	10/09/24 14:27	1
Nitrobenzene	ND		120	27	ug/Kg	☼	10/08/24 09:11	10/09/24 14:27	1
Pentachlorophenol	ND		330	130	ug/Kg	☼	10/08/24 09:11	10/09/24 14:27	1
Phenanthrene	**300**		48	16	ug/Kg	☼	10/08/24 09:11	10/09/24 14:27	1
Phenol	ND		120	46	ug/Kg	☼	10/08/24 09:11	10/09/24 14:27	1
Pyrene	**380**		48	19	ug/Kg	☼	10/08/24 09:11	10/09/24 14:27	1
3 & 4 Methylphenol	ND		480	50	ug/Kg	☼	10/08/24 09:11	10/09/24 14:27	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Terphenyl-d14 (Surr)	*71*		*37 - 120*	*10/08/24 09:11*	*10/09/24 14:27*	*1*
Phenol-d5 (Surr)	*75*		*29 - 120*	*10/08/24 09:11*	*10/09/24 14:27*	*1*
Nitrobenzene-d5 (Surr)	*63*		*28 - 120*	*10/08/24 09:11*	*10/09/24 14:27*	*1*
2-Fluorophenol (Surr)	*71*		*26 - 120*	*10/08/24 09:11*	*10/09/24 14:27*	*1*
2-Fluorobiphenyl (Surr)	*75*		*36 - 120*	*10/08/24 09:11*	*10/09/24 14:27*	*1*
2,4,6-Tribromophenol (Surr)	*86*		*10 - 120*	*10/08/24 09:11*	*10/09/24 14:27*	*1*

Method: SW846 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aroclor-1016	ND		60	30	ug/Kg	☼	10/08/24 09:17	10/09/24 12:22	1
Aroclor-1221	ND		60	36	ug/Kg	☼	10/08/24 09:17	10/09/24 12:22	1
Aroclor-1232	ND		60	25	ug/Kg	☼	10/08/24 09:17	10/09/24 12:22	1
Aroclor-1242	ND		60	23	ug/Kg	☼	10/08/24 09:17	10/09/24 12:22	1
Aroclor-1248	ND		60	20	ug/Kg	☼	10/08/24 09:17	10/09/24 12:22	1
Aroclor-1254	ND		60	25	ug/Kg	☼	10/08/24 09:17	10/09/24 12:22	1
Aroclor-1260	ND		60	25	ug/Kg	☼	10/08/24 09:17	10/09/24 12:22	1
Aroclor-1262	ND		60	26	ug/Kg	☼	10/08/24 09:17	10/09/24 12:22	1
Aroclor-1268	ND		60	19	ug/Kg	☼	10/08/24 09:17	10/09/24 12:22	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Tetrachloro-m-xylene	*74*		*10 - 149*	*10/08/24 09:17*	*10/09/24 12:22*	*1*
DCB Decachlorobiphenyl	*89*		*10 - 174*	*10/08/24 09:17*	*10/09/24 12:22*	*1*

Method: SW846 6010D - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	**11**		1.4	0.30	mg/Kg	☼	10/08/24 13:00	10/09/24 16:37	1

Client Sample ID: T875-E-4.0

Date Collected: 10/05/24 14:50
Date Received: 10/07/24 13:00

Lab Sample ID: 240-212566-5

Matrix: Solid
Percent Solids: 81.8

Method: SW846 6010D - Metals (ICP) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Barium	44		19	0.12	mg/Kg	☼	10/08/24 13:00	10/09/24 16:37	1
Cadmium	0.060	J	0.47	0.045	mg/Kg	☼	10/08/24 13:00	10/09/24 16:37	1
Chromium	13		0.94	0.32	mg/Kg	☼	10/08/24 13:00	10/09/24 16:37	1
Copper	16		2.3	0.66	mg/Kg	☼	10/08/24 13:00	10/09/24 16:37	1
Lead	11		0.94	0.27	mg/Kg	☼	10/08/24 13:00	10/09/24 16:37	1
Selenium	0.53	J	1.9	0.44	mg/Kg	☼	10/08/24 13:00	10/09/24 16:37	1
Silver	ND		0.94	0.076	mg/Kg	☼	10/08/24 13:00	10/09/24 16:37	1
Zinc	66		4.7	3.4	mg/Kg	☼	10/08/24 13:00	10/09/24 16:37	1

Method: SW846 7471B - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.054	J B	0.11	0.020	mg/Kg	☼	10/08/24 13:00	10/09/24 10:01	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cyanide, Total (SW846 9012B)	14	J	15	12	mg/Kg	☼	10/10/24 11:02	10/10/24 15:03	25

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Solids (EPA Moisture)	81.8		0.1	0.1	%			10/08/24 13:25	1
Percent Moisture (EPA Moisture)	18.2		0.1	0.1	%			10/08/24 13:25	1

Client: August Mack Environmental, Inc.
Project/Site: MSC Canfield - Soil

Job ID: 240-212566-1

Client Sample ID: T875-W-2.0
Date Collected: 10/05/24 15:50
Date Received: 10/07/24 13:00

Lab Sample ID: 240-212566-6
Matrix: Solid
Percent Solids: 87.5

Method: SW846 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		5.7	2.0	ug/Kg	☼	10/07/24 19:59	10/07/24 23:23	1
1,1,2,2-Tetrachloroethane	ND		5.7	1.6	ug/Kg	☼	10/07/24 19:59	10/07/24 23:23	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		5.7	1.5	ug/Kg	☼	10/07/24 19:59	10/07/24 23:23	1
1,1,2-Trichloroethane	ND		5.7	1.3	ug/Kg	☼	10/07/24 19:59	10/07/24 23:23	1
1,1-Dichloroethane	ND		5.7	1.6	ug/Kg	☼	10/07/24 19:59	10/07/24 23:23	1
1,1-Dichloroethene	ND		5.7	2.1	ug/Kg	☼	10/07/24 19:59	10/07/24 23:23	1
1,2,4-Trichlorobenzene	ND		5.7	2.8	ug/Kg	☼	10/07/24 19:59	10/07/24 23:23	1
1,2-Dibromo-3-Chloropropane	ND		11	4.1	ug/Kg	☼	10/07/24 19:59	10/07/24 23:23	1
Ethylene Dibromide	ND		5.7	0.87	ug/Kg	☼	10/07/24 19:59	10/07/24 23:23	1
1,2-Dichlorobenzene	ND		5.7	1.3	ug/Kg	☼	10/07/24 19:59	10/07/24 23:23	1
1,2-Dichloroethane	ND		5.7	2.0	ug/Kg	☼	10/07/24 19:59	10/07/24 23:23	1
1,2-Dichloropropane	ND		5.7	0.96	ug/Kg	☼	10/07/24 19:59	10/07/24 23:23	1
1,3-Dichlorobenzene	ND		5.7	1.9	ug/Kg	☼	10/07/24 19:59	10/07/24 23:23	1
1,4-Dichlorobenzene	ND		5.7	1.0	ug/Kg	☼	10/07/24 19:59	10/07/24 23:23	1
2-Butanone (MEK)	ND		23	4.0	ug/Kg	☼	10/07/24 19:59	10/07/24 23:23	1
2-Hexanone	ND		23	4.6	ug/Kg	☼	10/07/24 19:59	10/07/24 23:23	1
4-Methyl-2-pentanone (MIBK)	ND		23	4.2	ug/Kg	☼	10/07/24 19:59	10/07/24 23:23	1
Acetone	ND		28	24	ug/Kg	☼	10/07/24 19:59	10/07/24 23:23	1
Benzene	ND		5.7	0.79	ug/Kg	☼	10/07/24 19:59	10/07/24 23:23	1
Dichlorobromomethane	ND		5.7	1.7	ug/Kg	☼	10/07/24 19:59	10/07/24 23:23	1
Bromoform	ND		5.7	2.7	ug/Kg	☼	10/07/24 19:59	10/07/24 23:23	1
Bromomethane	ND		5.7	4.7	ug/Kg	☼	10/07/24 19:59	10/07/24 23:23	1
Carbon disulfide	ND		5.7	1.3	ug/Kg	☼	10/07/24 19:59	10/07/24 23:23	1
Carbon tetrachloride	ND		5.7	3.7	ug/Kg	☼	10/07/24 19:59	10/07/24 23:23	1
Chlorobenzene	ND		5.7	1.0	ug/Kg	☼	10/07/24 19:59	10/07/24 23:23	1
Chloroethane	ND		5.7	3.1	ug/Kg	☼	10/07/24 19:59	10/07/24 23:23	1
Chloroform	ND		5.7	0.89	ug/Kg	☼	10/07/24 19:59	10/07/24 23:23	1
Chloromethane	ND		5.7	2.6	ug/Kg	☼	10/07/24 19:59	10/07/24 23:23	1
cis-1,2-Dichloroethene	ND		5.7	1.7	ug/Kg	☼	10/07/24 19:59	10/07/24 23:23	1
cis-1,3-Dichloropropene	ND		5.7	3.3	ug/Kg	☼	10/07/24 19:59	10/07/24 23:23	1
Cyclohexane	ND		11	1.6	ug/Kg	☼	10/07/24 19:59	10/07/24 23:23	1
Chlorodibromomethane	ND		5.7	3.1	ug/Kg	☼	10/07/24 19:59	10/07/24 23:23	1
Dichlorodifluoromethane	ND		5.7	2.6	ug/Kg	☼	10/07/24 19:59	10/07/24 23:23	1
Ethylbenzene	ND		5.7	1.2	ug/Kg	☼	10/07/24 19:59	10/07/24 23:23	1
Isopropylbenzene	ND		5.7	2.2	ug/Kg	☼	10/07/24 19:59	10/07/24 23:23	1
Methyl acetate	ND		28	3.8	ug/Kg	☼	10/07/24 19:59	10/07/24 23:23	1
Methyl tert-butyl ether	ND		5.7	2.2	ug/Kg	☼	10/07/24 19:59	10/07/24 23:23	1
Methylcyclohexane	ND		11	1.4	ug/Kg	☼	10/07/24 19:59	10/07/24 23:23	1
Methylene Chloride	ND		28	14	ug/Kg	☼	10/07/24 19:59	10/07/24 23:23	1
Styrene	ND		5.7	1.3	ug/Kg	☼	10/07/24 19:59	10/07/24 23:23	1
Tetrachloroethene	ND		5.7	4.4	ug/Kg	☼	10/07/24 19:59	10/07/24 23:23	1
Toluene	ND		5.7	0.87	ug/Kg	☼	10/07/24 19:59	10/07/24 23:23	1
trans-1,2-Dichloroethene	ND		5.7	1.6	ug/Kg	☼	10/07/24 19:59	10/07/24 23:23	1
trans-1,3-Dichloropropene	ND		5.7	4.2	ug/Kg	☼	10/07/24 19:59	10/07/24 23:23	1
Trichloroethene	ND		5.7	1.6	ug/Kg	☼	10/07/24 19:59	10/07/24 23:23	1
Trichlorofluoromethane	ND		5.7	3.0	ug/Kg	☼	10/07/24 19:59	10/07/24 23:23	1
Vinyl chloride	ND		5.7	2.0	ug/Kg	☼	10/07/24 19:59	10/07/24 23:23	1
Xylenes, Total	ND		11	1.8	ug/Kg	☼	10/07/24 19:59	10/07/24 23:23	1

Client Sample ID: T875-W-2.0

Date Collected: 10/05/24 15:50
Date Received: 10/07/24 13:00

Lab Sample ID: 240-212566-6

Matrix: Solid
Percent Solids: 87.5

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
Toluene-d8 (Surr)	*103*		*56 - 125*	*10/07/24 19:59*	*10/07/24 23:23*	*1*
Dibromofluoromethane (Surr)	*96*		*41 - 138*	*10/07/24 19:59*	*10/07/24 23:23*	*1*
4-Bromofluorobenzene (Surr)	*104*		*41 - 143*	*10/07/24 19:59*	*10/07/24 23:23*	*1*
1,2-Dichloroethane-d4 (Surr)	*106*		*58 - 125*	*10/07/24 19:59*	*10/07/24 23:23*	*1*

Method: SW846 8270E - Semivolatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1'-Biphenyl	ND		110	31	ug/Kg	☼	10/08/24 09:11	10/09/24 14:51	1
bis (2-chloroisopropyl) ether	ND		110	29	ug/Kg	☼	10/08/24 09:11	10/09/24 14:51	1
2,4,5-Trichlorophenol	ND		170	37	ug/Kg	☼	10/08/24 09:11	10/09/24 14:51	1
2,4,6-Trichlorophenol	ND		170	32	ug/Kg	☼	10/08/24 09:11	10/09/24 14:51	1
2,4-Dichlorophenol	ND		170	30	ug/Kg	☼	10/08/24 09:11	10/09/24 14:51	1
2,4-Dimethylphenol	ND		170	40	ug/Kg	☼	10/08/24 09:11	10/09/24 14:51	1
2,4-Dinitrophenol	ND		370	190	ug/Kg	☼	10/08/24 09:11	10/09/24 14:51	1
2,4-Dinitrotoluene	ND		220	26	ug/Kg	☼	10/08/24 09:11	10/09/24 14:51	1
2,6-Dinitrotoluene	ND		220	40	ug/Kg	☼	10/08/24 09:11	10/09/24 14:51	1
2-Chloronaphthalene	ND		110	31	ug/Kg	☼	10/08/24 09:11	10/09/24 14:51	1
2-Chlorophenol	ND		110	29	ug/Kg	☼	10/08/24 09:11	10/09/24 14:51	1
2-Methylnaphthalene	**39**	**J**	45	14	ug/Kg	☼	10/08/24 09:11	10/09/24 14:51	1
2-Methylphenol	ND		220	46	ug/Kg	☼	10/08/24 09:11	10/09/24 14:51	1
2-Nitroaniline	ND		220	42	ug/Kg	☼	10/08/24 09:11	10/09/24 14:51	1
2-Nitrophenol	ND		110	39	ug/Kg	☼	10/08/24 09:11	10/09/24 14:51	1
3,3'-Dichlorobenzidine	ND		170	110	ug/Kg	☼	10/08/24 09:11	10/09/24 14:51	1
3-Nitroaniline	ND		220	39	ug/Kg	☼	10/08/24 09:11	10/09/24 14:51	1
4,6-Dinitro-2-methylphenol	ND		370	120	ug/Kg	☼	10/08/24 09:11	10/09/24 14:51	1
4-Bromophenyl phenyl ether	ND		110	36	ug/Kg	☼	10/08/24 09:11	10/09/24 14:51	1
4-Chloro-3-methylphenol	ND		170	42	ug/Kg	☼	10/08/24 09:11	10/09/24 14:51	1
4-Chloroaniline	ND		170	18	ug/Kg	☼	10/08/24 09:11	10/09/24 14:51	1
4-Chlorophenyl phenyl ether	ND		110	31	ug/Kg	☼	10/08/24 09:11	10/09/24 14:51	1
4-Nitroaniline	ND		220	29	ug/Kg	☼	10/08/24 09:11	10/09/24 14:51	1
4-Nitrophenol	ND		370	100	ug/Kg	☼	10/08/24 09:11	10/09/24 14:51	1
Acenaphthene	ND		45	16	ug/Kg	☼	10/08/24 09:11	10/09/24 14:51	1
Acenaphthylene	ND		45	17	ug/Kg	☼	10/08/24 09:11	10/09/24 14:51	1
Acetophenone	ND		110	28	ug/Kg	☼	10/08/24 09:11	10/09/24 14:51	1
Anthracene	ND		45	13	ug/Kg	☼	10/08/24 09:11	10/09/24 14:51	1
Atrazine	ND		370	77	ug/Kg	☼	10/08/24 09:11	10/09/24 14:51	1
Benzaldehyde	ND		370	62	ug/Kg	☼	10/08/24 09:11	10/09/24 14:51	1
Benzo[a]anthracene	ND		45	17	ug/Kg	☼	10/08/24 09:11	10/09/24 14:51	1
Benzo[a]pyrene	ND		45	16	ug/Kg	☼	10/08/24 09:11	10/09/24 14:51	1
Benzo[b]fluoranthene	**13**	**J**	45	13	ug/Kg	☼	10/08/24 09:11	10/09/24 14:51	1
Benzo[g,h,i]perylene	ND		45	30	ug/Kg	☼	10/08/24 09:11	10/09/24 14:51	1
Benzo[k]fluoranthene	ND		45	11	ug/Kg	☼	10/08/24 09:11	10/09/24 14:51	1
Bis(2-chloroethoxy)methane	ND		110	22	ug/Kg	☼	10/08/24 09:11	10/09/24 14:51	1
Bis(2-chloroethyl)ether	ND		110	25	ug/Kg	☼	10/08/24 09:11	10/09/24 14:51	1
Bis(2-ethylhexyl) phthalate	ND		170	62	ug/Kg	☼	10/08/24 09:11	10/09/24 14:51	1
Butyl benzyl phthalate	ND		170	57	ug/Kg	☼	10/08/24 09:11	10/09/24 14:51	1
Caprolactam	ND		370	77	ug/Kg	☼	10/08/24 09:11	10/09/24 14:51	1
Carbazole	ND		110	30	ug/Kg	☼	10/08/24 09:11	10/09/24 14:51	1
Chrysene	**20**	**J**	45	16	ug/Kg	☼	10/08/24 09:11	10/09/24 14:51	1
Dibenz(a,h)anthracene	ND		45	17	ug/Kg	☼	10/08/24 09:11	10/09/24 14:51	1

Client Sample ID: T875-W-2.0

Date Collected: 10/05/24 15:50
Date Received: 10/07/24 13:00

Lab Sample ID: 240-212566-6

Matrix: Solid
Percent Solids: 87.5

Method: SW846 8270E - Semivolatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Dibenzofuran	ND		110	32	ug/Kg	☼	10/08/24 09:11	10/09/24 14:51	1
Diethyl phthalate	ND		170	48	ug/Kg	☼	10/08/24 09:11	10/09/24 14:51	1
Dimethyl phthalate	ND		170	45	ug/Kg	☼	10/08/24 09:11	10/09/24 14:51	1
Di-n-butyl phthalate	ND		170	57	ug/Kg	☼	10/08/24 09:11	10/09/24 14:51	1
Di-n-octyl phthalate	ND		170	56	ug/Kg	☼	10/08/24 09:11	10/09/24 14:51	1
Fluoranthene	**23**	**J**	45	16	ug/Kg	☼	10/08/24 09:11	10/09/24 14:51	1
Fluorene	ND		45	16	ug/Kg	☼	10/08/24 09:11	10/09/24 14:51	1
Hexachlorobenzene	ND		45	16	ug/Kg	☼	10/08/24 09:11	10/09/24 14:51	1
Hexachlorobutadiene	ND		110	23	ug/Kg	☼	10/08/24 09:11	10/09/24 14:51	1
Hexachlorocyclopentadiene	ND	*-	370	43	ug/Kg	☼	10/08/24 09:11	10/09/24 14:51	1
Hexachloroethane	ND		110	36	ug/Kg	☼	10/08/24 09:11	10/09/24 14:51	1
Indeno[1,2,3-cd]pyrene	ND		45	13	ug/Kg	☼	10/08/24 09:11	10/09/24 14:51	1
Isophorone	ND		110	29	ug/Kg	☼	10/08/24 09:11	10/09/24 14:51	1
N-Nitrosodi-n-propylamine	ND		110	41	ug/Kg	☼	10/08/24 09:11	10/09/24 14:51	1
N-Nitrosodiphenylamine	ND		110	30	ug/Kg	☼	10/08/24 09:11	10/09/24 14:51	1
Naphthalene	**28**	**J**	45	14	ug/Kg	☼	10/08/24 09:11	10/09/24 14:51	1
Nitrobenzene	ND		110	25	ug/Kg	☼	10/08/24 09:11	10/09/24 14:51	1
Pentachlorophenol	ND		300	120	ug/Kg	☼	10/08/24 09:11	10/09/24 14:51	1
Phenanthrene	**25**	**J**	45	14	ug/Kg	☼	10/08/24 09:11	10/09/24 14:51	1
Phenol	ND		110	42	ug/Kg	☼	10/08/24 09:11	10/09/24 14:51	1
Pyrene	**20**	**J**	45	18	ug/Kg	☼	10/08/24 09:11	10/09/24 14:51	1
3 & 4 Methylphenol	ND		450	46	ug/Kg	☼	10/08/24 09:11	10/09/24 14:51	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Terphenyl-d14 (Surr)	*67*		*37 - 120*	*10/08/24 09:11*	*10/09/24 14:51*	*1*
Phenol-d5 (Surr)	*67*		*29 - 120*	*10/08/24 09:11*	*10/09/24 14:51*	*1*
Nitrobenzene-d5 (Surr)	*59*		*28 - 120*	*10/08/24 09:11*	*10/09/24 14:51*	*1*
2-Fluorophenol (Surr)	*69*		*26 - 120*	*10/08/24 09:11*	*10/09/24 14:51*	*1*
2-Fluorobiphenyl (Surr)	*63*		*36 - 120*	*10/08/24 09:11*	*10/09/24 14:51*	*1*
2,4,6-Tribromophenol (Surr)	*59*		*10 - 120*	*10/08/24 09:11*	*10/09/24 14:51*	*1*

Method: SW846 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aroclor-1016	ND		57	28	ug/Kg	☼	10/08/24 09:17	10/09/24 12:36	1
Aroclor-1221	ND		57	34	ug/Kg	☼	10/08/24 09:17	10/09/24 12:36	1
Aroclor-1232	ND		57	24	ug/Kg	☼	10/08/24 09:17	10/09/24 12:36	1
Aroclor-1242	ND		57	22	ug/Kg	☼	10/08/24 09:17	10/09/24 12:36	1
Aroclor-1248	ND		57	19	ug/Kg	☼	10/08/24 09:17	10/09/24 12:36	1
Aroclor-1254	ND		57	24	ug/Kg	☼	10/08/24 09:17	10/09/24 12:36	1
Aroclor-1260	ND		57	24	ug/Kg	☼	10/08/24 09:17	10/09/24 12:36	1
Aroclor-1262	ND		57	25	ug/Kg	☼	10/08/24 09:17	10/09/24 12:36	1
Aroclor-1268	ND		57	18	ug/Kg	☼	10/08/24 09:17	10/09/24 12:36	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Tetrachloro-m-xylene	*81*		*10 - 149*	*10/08/24 09:17*	*10/09/24 12:36*	*1*
DCB Decachlorobiphenyl	*99*		*10 - 174*	*10/08/24 09:17*	*10/09/24 12:36*	*1*

Method: SW846 6010D - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	**12**		1.4	0.29	mg/Kg	☼	10/08/24 13:00	10/09/24 16:41	1

Client: August Mack Environmental, Inc.
Project/Site: MSC Canfield - Soil

Job ID: 240-212566-1

Client Sample ID: T875-W-2.0
Date Collected: 10/05/24 15:50
Date Received: 10/07/24 13:00

Lab Sample ID: 240-212566-6
Matrix: Solid
Percent Solids: 87.5

Method: SW846 6010D - Metals (ICP) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Barium	48		18	0.12	mg/Kg	☼	10/08/24 13:00	10/09/24 16:41	1
Cadmium	0.10	J	0.46	0.044	mg/Kg	☼	10/08/24 13:00	10/09/24 16:41	1
Chromium	12		0.92	0.32	mg/Kg	☼	10/08/24 13:00	10/09/24 16:41	1
Copper	19		2.3	0.65	mg/Kg	☼	10/08/24 13:00	10/09/24 16:41	1
Lead	13		0.92	0.26	mg/Kg	☼	10/08/24 13:00	10/09/24 16:41	1
Selenium	ND		1.8	0.43	mg/Kg	☼	10/08/24 13:00	10/09/24 16:41	1
Silver	ND		0.92	0.075	mg/Kg	☼	10/08/24 13:00	10/09/24 16:41	1
Zinc	93		4.6	3.3	mg/Kg	☼	10/08/24 13:00	10/09/24 16:41	1

Method: SW846 7471B - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.047	J B	0.10	0.018	mg/Kg	☼	10/08/24 13:00	10/09/24 10:03	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cyanide, Total (SW846 9012B)	4.0	F1 F2	3.4	2.7	mg/Kg	☼	10/10/24 14:38	10/10/24 16:52	5

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Solids (EPA Moisture)	87.5		0.1	0.1	%			10/08/24 13:25	1
Percent Moisture (EPA Moisture)	12.5		0.1	0.1	%			10/08/24 13:25	1

Client: August Mack Environmental, Inc.
Project/Site: MSC Canfield - Soil

Job ID: 240-212566-1

Client Sample ID: T875-W-4.0
Date Collected: 10/06/24 16:00
Date Received: 10/07/24 13:00

Lab Sample ID: 240-212566-7
Matrix: Solid
Percent Solids: 100.0

Method: SW846 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		4.9	1.7	ug/Kg	☼	10/07/24 19:59	10/07/24 23:47	1
1,1,2,2-Tetrachloroethane	ND		4.9	1.4	ug/Kg	☼	10/07/24 19:59	10/07/24 23:47	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		4.9	1.2	ug/Kg	☼	10/07/24 19:59	10/07/24 23:47	1
1,1,2-Trichloroethane	ND		4.9	1.1	ug/Kg	☼	10/07/24 19:59	10/07/24 23:47	1
1,1-Dichloroethane	ND		4.9	1.4	ug/Kg	☼	10/07/24 19:59	10/07/24 23:47	1
1,1-Dichloroethene	ND		4.9	1.8	ug/Kg	☼	10/07/24 19:59	10/07/24 23:47	1
1,2,4-Trichlorobenzene	ND		4.9	2.4	ug/Kg	☼	10/07/24 19:59	10/07/24 23:47	1
1,2-Dibromo-3-Chloropropane	ND		9.7	3.5	ug/Kg	☼	10/07/24 19:59	10/07/24 23:47	1
Ethylene Dibromide	ND		4.9	0.75	ug/Kg	☼	10/07/24 19:59	10/07/24 23:47	1
1,2-Dichlorobenzene	ND		4.9	1.1	ug/Kg	☼	10/07/24 19:59	10/07/24 23:47	1
1,2-Dichloroethane	ND		4.9	1.8	ug/Kg	☼	10/07/24 19:59	10/07/24 23:47	1
1,2-Dichloropropane	ND		4.9	0.83	ug/Kg	☼	10/07/24 19:59	10/07/24 23:47	1
1,3-Dichlorobenzene	ND		4.9	1.6	ug/Kg	☼	10/07/24 19:59	10/07/24 23:47	1
1,4-Dichlorobenzene	ND		4.9	0.86	ug/Kg	☼	10/07/24 19:59	10/07/24 23:47	1
2-Butanone (MEK)	ND		19	3.5	ug/Kg	☼	10/07/24 19:59	10/07/24 23:47	1
2-Hexanone	ND		19	4.0	ug/Kg	☼	10/07/24 19:59	10/07/24 23:47	1
4-Methyl-2-pentanone (MIBK)	ND		19	3.6	ug/Kg	☼	10/07/24 19:59	10/07/24 23:47	1
Acetone	ND		24	20	ug/Kg	☼	10/07/24 19:59	10/07/24 23:47	1
Benzene	ND		4.9	0.68	ug/Kg	☼	10/07/24 19:59	10/07/24 23:47	1
Dichlorobromomethane	ND		4.9	1.5	ug/Kg	☼	10/07/24 19:59	10/07/24 23:47	1
Bromoform	ND		4.9	2.3	ug/Kg	☼	10/07/24 19:59	10/07/24 23:47	1
Bromomethane	ND		4.9	4.0	ug/Kg	☼	10/07/24 19:59	10/07/24 23:47	1
Carbon disulfide	ND		4.9	1.1	ug/Kg	☼	10/07/24 19:59	10/07/24 23:47	1
Carbon tetrachloride	ND		4.9	3.2	ug/Kg	☼	10/07/24 19:59	10/07/24 23:47	1
Chlorobenzene	ND		4.9	0.89	ug/Kg	☼	10/07/24 19:59	10/07/24 23:47	1
Chloroethane	ND		4.9	2.7	ug/Kg	☼	10/07/24 19:59	10/07/24 23:47	1
Chloroform	ND		4.9	0.77	ug/Kg	☼	10/07/24 19:59	10/07/24 23:47	1
Chloromethane	ND		4.9	2.2	ug/Kg	☼	10/07/24 19:59	10/07/24 23:47	1
cis-1,2-Dichloroethene	ND		4.9	1.4	ug/Kg	☼	10/07/24 19:59	10/07/24 23:47	1
cis-1,3-Dichloropropene	ND		4.9	2.8	ug/Kg	☼	10/07/24 19:59	10/07/24 23:47	1
Cyclohexane	ND		9.7	1.3	ug/Kg	☼	10/07/24 19:59	10/07/24 23:47	1
Chlorodibromomethane	ND		4.9	2.7	ug/Kg	☼	10/07/24 19:59	10/07/24 23:47	1
Dichlorodifluoromethane	ND		4.9	2.2	ug/Kg	☼	10/07/24 19:59	10/07/24 23:47	1
Ethylbenzene	ND		4.9	1.0	ug/Kg	☼	10/07/24 19:59	10/07/24 23:47	1
Isopropylbenzene	ND		4.9	1.9	ug/Kg	☼	10/07/24 19:59	10/07/24 23:47	1
Methyl acetate	ND		24	3.3	ug/Kg	☼	10/07/24 19:59	10/07/24 23:47	1
Methyl tert-butyl ether	ND		4.9	1.9	ug/Kg	☼	10/07/24 19:59	10/07/24 23:47	1
Methylcyclohexane	ND		9.7	1.2	ug/Kg	☼	10/07/24 19:59	10/07/24 23:47	1
Methylene Chloride	ND		24	12	ug/Kg	☼	10/07/24 19:59	10/07/24 23:47	1
Styrene	ND		4.9	1.1	ug/Kg	☼	10/07/24 19:59	10/07/24 23:47	1
Tetrachloroethene	ND		4.9	3.8	ug/Kg	☼	10/07/24 19:59	10/07/24 23:47	1
Toluene	ND		4.9	0.75	ug/Kg	☼	10/07/24 19:59	10/07/24 23:47	1
trans-1,2-Dichloroethene	ND		4.9	1.4	ug/Kg	☼	10/07/24 19:59	10/07/24 23:47	1
trans-1,3-Dichloropropene	ND		4.9	3.6	ug/Kg	☼	10/07/24 19:59	10/07/24 23:47	1
Trichloroethene	ND		4.9	1.4	ug/Kg	☼	10/07/24 19:59	10/07/24 23:47	1
Trichlorofluoromethane	ND		4.9	2.6	ug/Kg	☼	10/07/24 19:59	10/07/24 23:47	1
Vinyl chloride	ND		4.9	1.7	ug/Kg	☼	10/07/24 19:59	10/07/24 23:47	1
Xylenes, Total	ND		9.7	1.5	ug/Kg	☼	10/07/24 19:59	10/07/24 23:47	1

Client Sample ID: T875-W-4.0

Date Collected: 10/06/24 16:00
Date Received: 10/07/24 13:00

Lab Sample ID: 240-212566-7

Matrix: Solid
Percent Solids: 100.0

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Toluene-d8 (Surr)	*101*		*56 - 125*	*10/07/24 19:59*	*10/07/24 23:47*	*1*
Dibromofluoromethane (Surr)	*94*		*41 - 138*	*10/07/24 19:59*	*10/07/24 23:47*	*1*
4-Bromofluorobenzene (Surr)	*100*		*41 - 143*	*10/07/24 19:59*	*10/07/24 23:47*	*1*
1,2-Dichloroethane-d4 (Surr)	*100*		*58 - 125*	*10/07/24 19:59*	*10/07/24 23:47*	*1*

Method: SW846 8270E - Semivolatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1'-Biphenyl	ND		97	27	ug/Kg	☼	10/08/24 09:11	10/09/24 15:15	1
bis (2-chloroisopropyl) ether	ND		97	25	ug/Kg	☼	10/08/24 09:11	10/09/24 15:15	1
2,4,5-Trichlorophenol	ND		150	32	ug/Kg	☼	10/08/24 09:11	10/09/24 15:15	1
2,4,6-Trichlorophenol	ND		150	28	ug/Kg	☼	10/08/24 09:11	10/09/24 15:15	1
2,4-Dichlorophenol	ND		150	26	ug/Kg	☼	10/08/24 09:11	10/09/24 15:15	1
2,4-Dimethylphenol	ND		150	35	ug/Kg	☼	10/08/24 09:11	10/09/24 15:15	1
2,4-Dinitrophenol	ND		320	170	ug/Kg	☼	10/08/24 09:11	10/09/24 15:15	1
2,4-Dinitrotoluene	ND		190	22	ug/Kg	☼	10/08/24 09:11	10/09/24 15:15	1
2,6-Dinitrotoluene	ND		190	35	ug/Kg	☼	10/08/24 09:11	10/09/24 15:15	1
2-Chloronaphthalene	ND		97	27	ug/Kg	☼	10/08/24 09:11	10/09/24 15:15	1
2-Chlorophenol	ND		97	25	ug/Kg	☼	10/08/24 09:11	10/09/24 15:15	1
2-Methylnaphthalene	**23**	**J**	39	13	ug/Kg	☼	10/08/24 09:11	10/09/24 15:15	1
2-Methylphenol	ND		190	40	ug/Kg	☼	10/08/24 09:11	10/09/24 15:15	1
2-Nitroaniline	ND		190	37	ug/Kg	☼	10/08/24 09:11	10/09/24 15:15	1
2-Nitrophenol	ND		97	34	ug/Kg	☼	10/08/24 09:11	10/09/24 15:15	1
3,3'-Dichlorobenzidine	ND		150	92	ug/Kg	☼	10/08/24 09:11	10/09/24 15:15	1
3-Nitroaniline	ND		190	34	ug/Kg	☼	10/08/24 09:11	10/09/24 15:15	1
4,6-Dinitro-2-methylphenol	ND		320	100	ug/Kg	☼	10/08/24 09:11	10/09/24 15:15	1
4-Bromophenyl phenyl ether	ND		97	31	ug/Kg	☼	10/08/24 09:11	10/09/24 15:15	1
4-Chloro-3-methylphenol	ND		150	37	ug/Kg	☼	10/08/24 09:11	10/09/24 15:15	1
4-Chloroaniline	ND		150	16	ug/Kg	☼	10/08/24 09:11	10/09/24 15:15	1
4-Chlorophenyl phenyl ether	ND		97	27	ug/Kg	☼	10/08/24 09:11	10/09/24 15:15	1
4-Nitroaniline	ND		190	25	ug/Kg	☼	10/08/24 09:11	10/09/24 15:15	1
4-Nitrophenol	ND		320	88	ug/Kg	☼	10/08/24 09:11	10/09/24 15:15	1
Acenaphthene	ND		39	14	ug/Kg	☼	10/08/24 09:11	10/09/24 15:15	1
Acenaphthylene	ND		39	15	ug/Kg	☼	10/08/24 09:11	10/09/24 15:15	1
Acetophenone	ND		97	24	ug/Kg	☼	10/08/24 09:11	10/09/24 15:15	1
Anthracene	ND		39	12	ug/Kg	☼	10/08/24 09:11	10/09/24 15:15	1
Atrazine	ND		320	67	ug/Kg	☼	10/08/24 09:11	10/09/24 15:15	1
Benzaldehyde	ND		320	54	ug/Kg	☼	10/08/24 09:11	10/09/24 15:15	1
Benzo[a]anthracene	ND		39	15	ug/Kg	☼	10/08/24 09:11	10/09/24 15:15	1
Benzo[a]pyrene	ND		39	14	ug/Kg	☼	10/08/24 09:11	10/09/24 15:15	1
Benzo[b]fluoranthene	**14**	**J**	39	12	ug/Kg	☼	10/08/24 09:11	10/09/24 15:15	1
Benzo[g,h,i]perylene	ND		39	26	ug/Kg	☼	10/08/24 09:11	10/09/24 15:15	1
Benzo[k]fluoranthene	ND		39	9.7	ug/Kg	☼	10/08/24 09:11	10/09/24 15:15	1
Bis(2-chloroethoxy)methane	ND		97	19	ug/Kg	☼	10/08/24 09:11	10/09/24 15:15	1
Bis(2-chloroethyl)ether	ND		97	21	ug/Kg	☼	10/08/24 09:11	10/09/24 15:15	1
Bis(2-ethylhexyl) phthalate	ND		150	54	ug/Kg	☼	10/08/24 09:11	10/09/24 15:15	1
Butyl benzyl phthalate	ND		150	50	ug/Kg	☼	10/08/24 09:11	10/09/24 15:15	1
Caprolactam	ND		320	67	ug/Kg	☼	10/08/24 09:11	10/09/24 15:15	1
Carbazole	ND		97	26	ug/Kg	☼	10/08/24 09:11	10/09/24 15:15	1
Chrysene	ND		39	14	ug/Kg	☼	10/08/24 09:11	10/09/24 15:15	1
Dibenz(a,h)anthracene	ND		39	15	ug/Kg	☼	10/08/24 09:11	10/09/24 15:15	1

Client Sample ID: T875-W-4.0

Date Collected: 10/06/24 16:00
Date Received: 10/07/24 13:00

Lab Sample ID: 240-212566-7

Matrix: Solid
Percent Solids: 100.0

Method: SW846 8270E - Semivolatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Dibenzofuran	ND		97	28	ug/Kg	☼	10/08/24 09:11	10/09/24 15:15	1
Diethyl phthalate	ND		150	42	ug/Kg	☼	10/08/24 09:11	10/09/24 15:15	1
Dimethyl phthalate	ND		150	39	ug/Kg	☼	10/08/24 09:11	10/09/24 15:15	1
Di-n-butyl phthalate	ND		150	50	ug/Kg	☼	10/08/24 09:11	10/09/24 15:15	1
Di-n-octyl phthalate	ND		150	49	ug/Kg	☼	10/08/24 09:11	10/09/24 15:15	1
Fluoranthene	**16**	**J**	39	14	ug/Kg	☼	10/08/24 09:11	10/09/24 15:15	1
Fluorene	ND		39	14	ug/Kg	☼	10/08/24 09:11	10/09/24 15:15	1
Hexachlorobenzene	ND		39	14	ug/Kg	☼	10/08/24 09:11	10/09/24 15:15	1
Hexachlorobutadiene	ND		97	20	ug/Kg	☼	10/08/24 09:11	10/09/24 15:15	1
Hexachlorocyclopentadiene	ND	*-	320	38	ug/Kg	☼	10/08/24 09:11	10/09/24 15:15	1
Hexachloroethane	ND		97	31	ug/Kg	☼	10/08/24 09:11	10/09/24 15:15	1
Indeno[1,2,3-cd]pyrene	ND		39	12	ug/Kg	☼	10/08/24 09:11	10/09/24 15:15	1
Isophorone	ND		97	25	ug/Kg	☼	10/08/24 09:11	10/09/24 15:15	1
N-Nitrosodi-n-propylamine	ND		97	36	ug/Kg	☼	10/08/24 09:11	10/09/24 15:15	1
N-Nitrosodiphenylamine	ND		97	26	ug/Kg	☼	10/08/24 09:11	10/09/24 15:15	1
Naphthalene	**13**	**J**	39	13	ug/Kg	☼	10/08/24 09:11	10/09/24 15:15	1
Nitrobenzene	ND		97	21	ug/Kg	☼	10/08/24 09:11	10/09/24 15:15	1
Pentachlorophenol	ND		260	100	ug/Kg	☼	10/08/24 09:11	10/09/24 15:15	1
Phenanthrene	**15**	**J**	39	13	ug/Kg	☼	10/08/24 09:11	10/09/24 15:15	1
Phenol	ND		97	37	ug/Kg	☼	10/08/24 09:11	10/09/24 15:15	1
Pyrene	ND		39	16	ug/Kg	☼	10/08/24 09:11	10/09/24 15:15	1
3 & 4 Methylphenol	ND		390	40	ug/Kg	☼	10/08/24 09:11	10/09/24 15:15	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Terphenyl-d14 (Surr)	*64*		*37 - 120*	*10/08/24 09:11*	*10/09/24 15:15*	*1*
Phenol-d5 (Surr)	*61*		*29 - 120*	*10/08/24 09:11*	*10/09/24 15:15*	*1*
Nitrobenzene-d5 (Surr)	*54*		*28 - 120*	*10/08/24 09:11*	*10/09/24 15:15*	*1*
2-Fluorophenol (Surr)	*60*		*26 - 120*	*10/08/24 09:11*	*10/09/24 15:15*	*1*
2-Fluorobiphenyl (Surr)	*59*		*36 - 120*	*10/08/24 09:11*	*10/09/24 15:15*	*1*
2,4,6-Tribromophenol (Surr)	*61*		*10 - 120*	*10/08/24 09:11*	*10/09/24 15:15*	*1*

Method: SW846 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aroclor-1016	ND		48	24	ug/Kg	☼	10/08/24 09:17	10/09/24 12:51	1
Aroclor-1221	ND		48	29	ug/Kg	☼	10/08/24 09:17	10/09/24 12:51	1
Aroclor-1232	ND		48	20	ug/Kg	☼	10/08/24 09:17	10/09/24 12:51	1
Aroclor-1242	ND		48	18	ug/Kg	☼	10/08/24 09:17	10/09/24 12:51	1
Aroclor-1248	ND		48	16	ug/Kg	☼	10/08/24 09:17	10/09/24 12:51	1
Aroclor-1254	ND		48	20	ug/Kg	☼	10/08/24 09:17	10/09/24 12:51	1
Aroclor-1260	ND		48	20	ug/Kg	☼	10/08/24 09:17	10/09/24 12:51	1
Aroclor-1262	ND		48	21	ug/Kg	☼	10/08/24 09:17	10/09/24 12:51	1
Aroclor-1268	ND		48	15	ug/Kg	☼	10/08/24 09:17	10/09/24 12:51	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Tetrachloro-m-xylene	*74*		*10 - 149*	*10/08/24 09:17*	*10/09/24 12:51*	*1*
DCB Decachlorobiphenyl	*89*		*10 - 174*	*10/08/24 09:17*	*10/09/24 12:51*	*1*

Method: SW846 6010D - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	**14**		1.4	0.29	mg/Kg	☼	10/08/24 13:00	10/09/24 16:46	1

Client: August Mack Environmental, Inc.
Project/Site: MSC Canfield - Soil

Job ID: 240-212566-1

Client Sample ID: T875-W-4.0
Date Collected: 10/06/24 16:00
Date Received: 10/07/24 13:00

Lab Sample ID: 240-212566-7
Matrix: Solid
Percent Solids: 100.0

Method: SW846 6010D - Metals (ICP) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Barium	41		19	0.12	mg/Kg	☼	10/08/24 13:00	10/09/24 16:46	1
Cadmium	ND		0.46	0.044	mg/Kg	☼	10/08/24 13:00	10/09/24 16:46	1
Chromium	12		0.93	0.32	mg/Kg	☼	10/08/24 13:00	10/09/24 16:46	1
Copper	17		2.3	0.65	mg/Kg	☼	10/08/24 13:00	10/09/24 16:46	1
Lead	9.9		0.93	0.26	mg/Kg	☼	10/08/24 13:00	10/09/24 16:46	1
Selenium	ND		1.9	0.43	mg/Kg	☼	10/08/24 13:00	10/09/24 16:46	1
Silver	ND		0.93	0.075	mg/Kg	☼	10/08/24 13:00	10/09/24 16:46	1
Zinc	62		4.6	3.4	mg/Kg	☼	10/08/24 13:00	10/09/24 16:46	1

Method: SW846 7471B - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.040	J B	0.11	0.020	mg/Kg	☼	10/08/24 13:00	10/09/24 10:05	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cyanide, Total (SW846 9012B)	5.4		0.45	0.35	mg/Kg	☼	10/10/24 11:02	10/10/24 16:40	1

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Solids (EPA Moisture)	100		0.1	0.1	%			10/08/24 13:25	1
Percent Moisture (EPA Moisture)	0.04		0.1	0.1	%			10/08/24 13:25	1

Client: August Mack Environmental, Inc.
Project/Site: MSC Canfield - Soil

Job ID: 240-212566-1

Client Sample ID: T1000-C-2.0
Date Collected: 10/06/24 11:50
Date Received: 10/07/24 13:00

Lab Sample ID: 240-212566-8
Matrix: Solid
Percent Solids: 62.2

Method: SW846 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		7.9	2.8	ug/Kg	☼	10/07/24 19:59	10/08/24 00:11	1
1,1,2,2-Tetrachloroethane	ND		7.9	2.3	ug/Kg	☼	10/07/24 19:59	10/08/24 00:11	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		7.9	2.0	ug/Kg	☼	10/07/24 19:59	10/08/24 00:11	1
1,1,2-Trichloroethane	ND		7.9	1.8	ug/Kg	☼	10/07/24 19:59	10/08/24 00:11	1
1,1-Dichloroethane	ND		7.9	2.2	ug/Kg	☼	10/07/24 19:59	10/08/24 00:11	1
1,1-Dichloroethene	ND		7.9	2.9	ug/Kg	☼	10/07/24 19:59	10/08/24 00:11	1
1,2,4-Trichlorobenzene	ND		7.9	4.0	ug/Kg	☼	10/07/24 19:59	10/08/24 00:11	1
1,2-Dibromo-3-Chloropropane	ND		16	5.7	ug/Kg	☼	10/07/24 19:59	10/08/24 00:11	1
Ethylene Dibromide	ND		7.9	1.2	ug/Kg	☼	10/07/24 19:59	10/08/24 00:11	1
1,2-Dichlorobenzene	ND		7.9	1.8	ug/Kg	☼	10/07/24 19:59	10/08/24 00:11	1
1,2-Dichloroethane	ND		7.9	2.9	ug/Kg	☼	10/07/24 19:59	10/08/24 00:11	1
1,2-Dichloropropane	ND		7.9	1.4	ug/Kg	☼	10/07/24 19:59	10/08/24 00:11	1
1,3-Dichlorobenzene	ND		7.9	2.6	ug/Kg	☼	10/07/24 19:59	10/08/24 00:11	1
1,4-Dichlorobenzene	ND		7.9	1.4	ug/Kg	☼	10/07/24 19:59	10/08/24 00:11	1
2-Butanone (MEK)	ND		32	5.6	ug/Kg	☼	10/07/24 19:59	10/08/24 00:11	1
2-Hexanone	ND		32	6.5	ug/Kg	☼	10/07/24 19:59	10/08/24 00:11	1
4-Methyl-2-pentanone (MIBK)	ND		32	5.9	ug/Kg	☼	10/07/24 19:59	10/08/24 00:11	1
Acetone	ND		40	33	ug/Kg	☼	10/07/24 19:59	10/08/24 00:11	1
Benzene	ND		7.9	1.1	ug/Kg	☼	10/07/24 19:59	10/08/24 00:11	1
Dichlorobromomethane	ND		7.9	2.4	ug/Kg	☼	10/07/24 19:59	10/08/24 00:11	1
Bromoform	ND		7.9	3.8	ug/Kg	☼	10/07/24 19:59	10/08/24 00:11	1
Bromomethane	ND		7.9	6.6	ug/Kg	☼	10/07/24 19:59	10/08/24 00:11	1
Carbon disulfide	ND		7.9	1.8	ug/Kg	☼	10/07/24 19:59	10/08/24 00:11	1
Carbon tetrachloride	ND		7.9	5.2	ug/Kg	☼	10/07/24 19:59	10/08/24 00:11	1
Chlorobenzene	ND		7.9	1.5	ug/Kg	☼	10/07/24 19:59	10/08/24 00:11	1
Chloroethane	ND		7.9	4.3	ug/Kg	☼	10/07/24 19:59	10/08/24 00:11	1
Chloroform	ND		7.9	1.3	ug/Kg	☼	10/07/24 19:59	10/08/24 00:11	1
Chloromethane	ND		7.9	3.6	ug/Kg	☼	10/07/24 19:59	10/08/24 00:11	1
cis-1,2-Dichloroethene	ND		7.9	2.3	ug/Kg	☼	10/07/24 19:59	10/08/24 00:11	1
cis-1,3-Dichloropropene	ND		7.9	4.6	ug/Kg	☼	10/07/24 19:59	10/08/24 00:11	1
Cyclohexane	ND		16	2.2	ug/Kg	☼	10/07/24 19:59	10/08/24 00:11	1
Chlorodibromomethane	ND		7.9	4.4	ug/Kg	☼	10/07/24 19:59	10/08/24 00:11	1
Dichlorodifluoromethane	ND		7.9	3.6	ug/Kg	☼	10/07/24 19:59	10/08/24 00:11	1
Ethylbenzene	ND		7.9	1.7	ug/Kg	☼	10/07/24 19:59	10/08/24 00:11	1
Isopropylbenzene	ND		7.9	3.0	ug/Kg	☼	10/07/24 19:59	10/08/24 00:11	1
Methyl acetate	ND		40	5.4	ug/Kg	☼	10/07/24 19:59	10/08/24 00:11	1
Methyl tert-butyl ether	ND		7.9	3.1	ug/Kg	☼	10/07/24 19:59	10/08/24 00:11	1
Methylcyclohexane	ND		16	1.9	ug/Kg	☼	10/07/24 19:59	10/08/24 00:11	1
Methylene Chloride	ND		40	19	ug/Kg	☼	10/07/24 19:59	10/08/24 00:11	1
Styrene	ND		7.9	1.8	ug/Kg	☼	10/07/24 19:59	10/08/24 00:11	1
Tetrachloroethene	ND		7.9	6.2	ug/Kg	☼	10/07/24 19:59	10/08/24 00:11	1
Toluene	ND		7.9	1.2	ug/Kg	☼	10/07/24 19:59	10/08/24 00:11	1
trans-1,2-Dichloroethene	ND		7.9	2.3	ug/Kg	☼	10/07/24 19:59	10/08/24 00:11	1
trans-1,3-Dichloropropene	ND		7.9	5.9	ug/Kg	☼	10/07/24 19:59	10/08/24 00:11	1
Trichloroethene	ND		7.9	2.3	ug/Kg	☼	10/07/24 19:59	10/08/24 00:11	1
Trichlorofluoromethane	ND		7.9	4.3	ug/Kg	☼	10/07/24 19:59	10/08/24 00:11	1
Vinyl chloride	ND		7.9	2.8	ug/Kg	☼	10/07/24 19:59	10/08/24 00:11	1
Xylenes, Total	ND		16	2.5	ug/Kg	☼	10/07/24 19:59	10/08/24 00:11	1

Client Sample ID: T1000-C-2.0

Date Collected: 10/06/24 11:50
Date Received: 10/07/24 13:00

Lab Sample ID: 240-212566-8

Matrix: Solid
Percent Solids: 62.2

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Toluene-d8 (Surr)	*108*		*56 - 125*	*10/07/24 19:59*	*10/08/24 00:11*	*1*
Dibromofluoromethane (Surr)	*93*		*41 - 138*	*10/07/24 19:59*	*10/08/24 00:11*	*1*
4-Bromofluorobenzene (Surr)	*116*		*41 - 143*	*10/07/24 19:59*	*10/08/24 00:11*	*1*
1,2-Dichloroethane-d4 (Surr)	*101*		*58 - 125*	*10/07/24 19:59*	*10/08/24 00:11*	*1*

Method: SW846 8270E - Semivolatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1'-Biphenyl	ND		160	45	ug/Kg	☼	10/08/24 09:11	10/09/24 15:40	1
bis (2-chloroisopropyl) ether	ND		160	42	ug/Kg	☼	10/08/24 09:11	10/09/24 15:40	1
2,4,5-Trichlorophenol	ND		240	53	ug/Kg	☼	10/08/24 09:11	10/09/24 15:40	1
2,4,6-Trichlorophenol	ND		240	46	ug/Kg	☼	10/08/24 09:11	10/09/24 15:40	1
2,4-Dichlorophenol	ND		240	43	ug/Kg	☼	10/08/24 09:11	10/09/24 15:40	1
2,4-Dimethylphenol	ND		240	58	ug/Kg	☼	10/08/24 09:11	10/09/24 15:40	1
2,4-Dinitrophenol	ND		530	270	ug/Kg	☼	10/08/24 09:11	10/09/24 15:40	1
2,4-Dinitrotoluene	ND		320	37	ug/Kg	☼	10/08/24 09:11	10/09/24 15:40	1
2,6-Dinitrotoluene	ND		320	58	ug/Kg	☼	10/08/24 09:11	10/09/24 15:40	1
2-Chloronaphthalene	ND		160	45	ug/Kg	☼	10/08/24 09:11	10/09/24 15:40	1
2-Chlorophenol	ND		160	42	ug/Kg	☼	10/08/24 09:11	10/09/24 15:40	1
2-Methylnaphthalene	**75**		64	21	ug/Kg	☼	10/08/24 09:11	10/09/24 15:40	1
2-Methylphenol	ND		320	65	ug/Kg	☼	10/08/24 09:11	10/09/24 15:40	1
2-Nitroaniline	ND		320	61	ug/Kg	☼	10/08/24 09:11	10/09/24 15:40	1
2-Nitrophenol	ND		160	56	ug/Kg	☼	10/08/24 09:11	10/09/24 15:40	1
3,3'-Dichlorobenzidine	ND		240	150	ug/Kg	☼	10/08/24 09:11	10/09/24 15:40	1
3-Nitroaniline	ND		320	56	ug/Kg	☼	10/08/24 09:11	10/09/24 15:40	1
4,6-Dinitro-2-methylphenol	ND		530	170	ug/Kg	☼	10/08/24 09:11	10/09/24 15:40	1
4-Bromophenyl phenyl ether	ND		160	51	ug/Kg	☼	10/08/24 09:11	10/09/24 15:40	1
4-Chloro-3-methylphenol	ND		240	61	ug/Kg	☼	10/08/24 09:11	10/09/24 15:40	1
4-Chloroaniline	ND		240	26	ug/Kg	☼	10/08/24 09:11	10/09/24 15:40	1
4-Chlorophenyl phenyl ether	ND		160	45	ug/Kg	☼	10/08/24 09:11	10/09/24 15:40	1
4-Nitroaniline	ND		320	42	ug/Kg	☼	10/08/24 09:11	10/09/24 15:40	1
4-Nitrophenol	ND		530	140	ug/Kg	☼	10/08/24 09:11	10/09/24 15:40	1
Acenaphthene	ND		64	22	ug/Kg	☼	10/08/24 09:11	10/09/24 15:40	1
Acenaphthylene	ND		64	24	ug/Kg	☼	10/08/24 09:11	10/09/24 15:40	1
Acetophenone	ND		160	40	ug/Kg	☼	10/08/24 09:11	10/09/24 15:40	1
Anthracene	ND		64	19	ug/Kg	☼	10/08/24 09:11	10/09/24 15:40	1
Atrazine	ND		530	110	ug/Kg	☼	10/08/24 09:11	10/09/24 15:40	1
Benzaldehyde	ND		530	89	ug/Kg	☼	10/08/24 09:11	10/09/24 15:40	1
Benzo[a]anthracene	**36**	**J**	64	24	ug/Kg	☼	10/08/24 09:11	10/09/24 15:40	1
Benzo[a]pyrene	**29**	**J**	64	22	ug/Kg	☼	10/08/24 09:11	10/09/24 15:40	1
Benzo[b]fluoranthene	**42**	**J**	64	19	ug/Kg	☼	10/08/24 09:11	10/09/24 15:40	1
Benzo[g,h,i]perylene	ND		64	43	ug/Kg	☼	10/08/24 09:11	10/09/24 15:40	1
Benzo[k]fluoranthene	ND		64	16	ug/Kg	☼	10/08/24 09:11	10/09/24 15:40	1
Bis(2-chloroethoxy)methane	ND		160	32	ug/Kg	☼	10/08/24 09:11	10/09/24 15:40	1
Bis(2-chloroethyl)ether	ND		160	35	ug/Kg	☼	10/08/24 09:11	10/09/24 15:40	1
Bis(2-ethylhexyl) phthalate	ND		240	89	ug/Kg	☼	10/08/24 09:11	10/09/24 15:40	1
Butyl benzyl phthalate	ND		240	81	ug/Kg	☼	10/08/24 09:11	10/09/24 15:40	1
Caprolactam	ND		530	110	ug/Kg	☼	10/08/24 09:11	10/09/24 15:40	1
Carbazole	ND		160	43	ug/Kg	☼	10/08/24 09:11	10/09/24 15:40	1
Chrysene	**56**	**J**	64	22	ug/Kg	☼	10/08/24 09:11	10/09/24 15:40	1
Dibenz(a,h)anthracene	ND		64	24	ug/Kg	☼	10/08/24 09:11	10/09/24 15:40	1

Client Sample ID: T1000-C-2.0

Date Collected: 10/06/24 11:50
Date Received: 10/07/24 13:00

Lab Sample ID: 240-212566-8

Matrix: Solid
Percent Solids: 62.2

Method: SW846 8270E - Semivolatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Dibenzofuran	ND		160	46	ug/Kg	☼	10/08/24 09:11	10/09/24 15:40	1
Diethyl phthalate	ND		240	69	ug/Kg	☼	10/08/24 09:11	10/09/24 15:40	1
Dimethyl phthalate	ND		240	64	ug/Kg	☼	10/08/24 09:11	10/09/24 15:40	1
Di-n-butyl phthalate	ND		240	81	ug/Kg	☼	10/08/24 09:11	10/09/24 15:40	1
Di-n-octyl phthalate	ND		240	80	ug/Kg	☼	10/08/24 09:11	10/09/24 15:40	1
Fluoranthene	**43**	**J**	64	22	ug/Kg	☼	10/08/24 09:11	10/09/24 15:40	1
Fluorene	ND		64	22	ug/Kg	☼	10/08/24 09:11	10/09/24 15:40	1
Hexachlorobenzene	ND		64	22	ug/Kg	☼	10/08/24 09:11	10/09/24 15:40	1
Hexachlorobutadiene	ND		160	34	ug/Kg	☼	10/08/24 09:11	10/09/24 15:40	1
Hexachlorocyclopentadiene	ND	*-	530	62	ug/Kg	☼	10/08/24 09:11	10/09/24 15:40	1
Hexachloroethane	ND		160	51	ug/Kg	☼	10/08/24 09:11	10/09/24 15:40	1
Indeno[1,2,3-cd]pyrene	ND		64	19	ug/Kg	☼	10/08/24 09:11	10/09/24 15:40	1
Isophorone	ND		160	42	ug/Kg	☼	10/08/24 09:11	10/09/24 15:40	1
N-Nitrosodi-n-propylamine	ND		160	59	ug/Kg	☼	10/08/24 09:11	10/09/24 15:40	1
N-Nitrosodiphenylamine	ND		160	43	ug/Kg	☼	10/08/24 09:11	10/09/24 15:40	1
Naphthalene	**59**	**J**	64	21	ug/Kg	☼	10/08/24 09:11	10/09/24 15:40	1
Nitrobenzene	ND		160	35	ug/Kg	☼	10/08/24 09:11	10/09/24 15:40	1
Pentachlorophenol	ND		430	170	ug/Kg	☼	10/08/24 09:11	10/09/24 15:40	1
Phenanthrene	**36**	**J**	64	21	ug/Kg	☼	10/08/24 09:11	10/09/24 15:40	1
Phenol	ND		160	61	ug/Kg	☼	10/08/24 09:11	10/09/24 15:40	1
Pyrene	**48**	**J**	64	26	ug/Kg	☼	10/08/24 09:11	10/09/24 15:40	1
3 & 4 Methylphenol	ND		640	65	ug/Kg	☼	10/08/24 09:11	10/09/24 15:40	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Terphenyl-d14 (Surr)	*70*		*37 - 120*	*10/08/24 09:11*	*10/09/24 15:40*	*1*
Phenol-d5 (Surr)	*69*		*29 - 120*	*10/08/24 09:11*	*10/09/24 15:40*	*1*
Nitrobenzene-d5 (Surr)	*49*		*28 - 120*	*10/08/24 09:11*	*10/09/24 15:40*	*1*
2-Fluorophenol (Surr)	*69*		*26 - 120*	*10/08/24 09:11*	*10/09/24 15:40*	*1*
2-Fluorobiphenyl (Surr)	*64*		*36 - 120*	*10/08/24 09:11*	*10/09/24 15:40*	*1*
2,4,6-Tribromophenol (Surr)	*54*		*10 - 120*	*10/08/24 09:11*	*10/09/24 15:40*	*1*

Method: SW846 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aroclor-1016	ND		81	40	ug/Kg	☼	10/08/24 09:17	10/09/24 13:05	1
Aroclor-1221	ND		81	48	ug/Kg	☼	10/08/24 09:17	10/09/24 13:05	1
Aroclor-1232	ND		81	34	ug/Kg	☼	10/08/24 09:17	10/09/24 13:05	1
Aroclor-1242	ND		81	31	ug/Kg	☼	10/08/24 09:17	10/09/24 13:05	1
Aroclor-1248	ND		81	27	ug/Kg	☼	10/08/24 09:17	10/09/24 13:05	1
Aroclor-1254	ND		81	34	ug/Kg	☼	10/08/24 09:17	10/09/24 13:05	1
Aroclor-1260	ND		81	34	ug/Kg	☼	10/08/24 09:17	10/09/24 13:05	1
Aroclor-1262	ND		81	35	ug/Kg	☼	10/08/24 09:17	10/09/24 13:05	1
Aroclor-1268	ND		81	26	ug/Kg	☼	10/08/24 09:17	10/09/24 13:05	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Tetrachloro-m-xylene	*61*		*10 - 149*	*10/08/24 09:17*	*10/09/24 13:05*	*1*
DCB Decachlorobiphenyl	*70*		*10 - 174*	*10/08/24 09:17*	*10/09/24 13:05*	*1*

Method: SW846 6010D - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	**28**		2.1	0.45	mg/Kg	☼	10/08/24 13:00	10/09/24 16:50	1

Client: August Mack Environmental, Inc.
Project/Site: MSC Canfield - Soil

Job ID: 240-212566-1

Client Sample ID: T1000-C-2.0
Date Collected: 10/06/24 11:50
Date Received: 10/07/24 13:00

Lab Sample ID: 240-212566-8
Matrix: Solid
Percent Solids: 62.2

Method: SW846 6010D - Metals (ICP) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Barium	97		28	0.18	mg/Kg	☼	10/08/24 13:00	10/09/24 16:50	1
Cadmium	0.27	J	0.71	0.068	mg/Kg	☼	10/08/24 13:00	10/09/24 16:50	1
Chromium	17		1.4	0.48	mg/Kg	☼	10/08/24 13:00	10/09/24 16:50	1
Copper	26		3.5	0.99	mg/Kg	☼	10/08/24 13:00	10/09/24 16:50	1
Lead	24		1.4	0.40	mg/Kg	☼	10/08/24 13:00	10/09/24 16:50	1
Selenium	0.68	J	2.8	0.66	mg/Kg	☼	10/08/24 13:00	10/09/24 16:50	1
Silver	ND		1.4	0.11	mg/Kg	☼	10/08/24 13:00	10/09/24 16:50	1
Zinc	160		7.1	5.1	mg/Kg	☼	10/08/24 13:00	10/09/24 16:50	1

Method: SW846 7471B - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.083	J B	0.16	0.029	mg/Kg	☼	10/08/24 13:00	10/09/24 10:06	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cyanide, Total (SW846 9012B)	11		0.91	0.73	mg/Kg	☼	10/10/24 11:02	10/10/24 16:42	1

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Solids (EPA Moisture)	62.2		0.1	0.1	%			10/08/24 13:25	1
Percent Moisture (EPA Moisture)	37.8		0.1	0.1	%			10/08/24 13:25	1

Client: August Mack Environmental, Inc.
Project/Site: MSC Canfield - Soil

Job ID: 240-212566-1

Client Sample ID: T1000-C-4.0
Date Collected: 10/06/24 12:00
Date Received: 10/07/24 13:00

Lab Sample ID: 240-212566-9
Matrix: Solid
Percent Solids: 81.4

Method: SW846 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		6.0	2.1	ug/Kg	☼	10/07/24 19:59	10/08/24 00:35	1
1,1,2,2-Tetrachloroethane	ND		6.0	1.7	ug/Kg	☼	10/07/24 19:59	10/08/24 00:35	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		6.0	1.5	ug/Kg	☼	10/07/24 19:59	10/08/24 00:35	1
1,1,2-Trichloroethane	ND		6.0	1.4	ug/Kg	☼	10/07/24 19:59	10/08/24 00:35	1
1,1-Dichloroethane	ND		6.0	1.7	ug/Kg	☼	10/07/24 19:59	10/08/24 00:35	1
1,1-Dichloroethene	ND		6.0	2.2	ug/Kg	☼	10/07/24 19:59	10/08/24 00:35	1
1,2,4-Trichlorobenzene	ND		6.0	3.0	ug/Kg	☼	10/07/24 19:59	10/08/24 00:35	1
1,2-Dibromo-3-Chloropropane	ND		12	4.3	ug/Kg	☼	10/07/24 19:59	10/08/24 00:35	1
Ethylene Dibromide	ND		6.0	0.92	ug/Kg	☼	10/07/24 19:59	10/08/24 00:35	1
1,2-Dichlorobenzene	ND		6.0	1.3	ug/Kg	☼	10/07/24 19:59	10/08/24 00:35	1
1,2-Dichloroethane	ND		6.0	2.2	ug/Kg	☼	10/07/24 19:59	10/08/24 00:35	1
1,2-Dichloropropane	ND		6.0	1.0	ug/Kg	☼	10/07/24 19:59	10/08/24 00:35	1
1,3-Dichlorobenzene	ND		6.0	2.0	ug/Kg	☼	10/07/24 19:59	10/08/24 00:35	1
1,4-Dichlorobenzene	ND		6.0	1.1	ug/Kg	☼	10/07/24 19:59	10/08/24 00:35	1
2-Butanone (MEK)	**11**	**J**	24	4.3	ug/Kg	☼	10/07/24 19:59	10/08/24 00:35	1
2-Hexanone	ND		24	4.9	ug/Kg	☼	10/07/24 19:59	10/08/24 00:35	1
4-Methyl-2-pentanone (MIBK)	ND		24	4.4	ug/Kg	☼	10/07/24 19:59	10/08/24 00:35	1
Acetone	**41**		30	25	ug/Kg	☼	10/07/24 19:59	10/08/24 00:35	1
Benzene	ND		6.0	0.84	ug/Kg	☼	10/07/24 19:59	10/08/24 00:35	1
Dichlorobromomethane	ND		6.0	1.8	ug/Kg	☼	10/07/24 19:59	10/08/24 00:35	1
Bromoform	ND		6.0	2.9	ug/Kg	☼	10/07/24 19:59	10/08/24 00:35	1
Bromomethane	ND		6.0	5.0	ug/Kg	☼	10/07/24 19:59	10/08/24 00:35	1
Carbon disulfide	ND		6.0	1.4	ug/Kg	☼	10/07/24 19:59	10/08/24 00:35	1
Carbon tetrachloride	ND		6.0	3.9	ug/Kg	☼	10/07/24 19:59	10/08/24 00:35	1
Chlorobenzene	ND		6.0	1.1	ug/Kg	☼	10/07/24 19:59	10/08/24 00:35	1
Chloroethane	ND		6.0	3.3	ug/Kg	☼	10/07/24 19:59	10/08/24 00:35	1
Chloroform	ND		6.0	0.94	ug/Kg	☼	10/07/24 19:59	10/08/24 00:35	1
Chloromethane	ND		6.0	2.7	ug/Kg	☼	10/07/24 19:59	10/08/24 00:35	1
cis-1,2-Dichloroethene	ND		6.0	1.8	ug/Kg	☼	10/07/24 19:59	10/08/24 00:35	1
cis-1,3-Dichloropropene	ND		6.0	3.5	ug/Kg	☼	10/07/24 19:59	10/08/24 00:35	1
Cyclohexane	ND		12	1.6	ug/Kg	☼	10/07/24 19:59	10/08/24 00:35	1
Chlorodibromomethane	ND		6.0	3.3	ug/Kg	☼	10/07/24 19:59	10/08/24 00:35	1
Dichlorodifluoromethane	ND		6.0	2.7	ug/Kg	☼	10/07/24 19:59	10/08/24 00:35	1
Ethylbenzene	ND		6.0	1.3	ug/Kg	☼	10/07/24 19:59	10/08/24 00:35	1
Isopropylbenzene	ND		6.0	2.3	ug/Kg	☼	10/07/24 19:59	10/08/24 00:35	1
Methyl acetate	ND		30	4.1	ug/Kg	☼	10/07/24 19:59	10/08/24 00:35	1
Methyl tert-butyl ether	ND		6.0	2.4	ug/Kg	☼	10/07/24 19:59	10/08/24 00:35	1
Methylcyclohexane	ND		12	1.5	ug/Kg	☼	10/07/24 19:59	10/08/24 00:35	1
Methylene Chloride	ND		30	14	ug/Kg	☼	10/07/24 19:59	10/08/24 00:35	1
Styrene	ND		6.0	1.4	ug/Kg	☼	10/07/24 19:59	10/08/24 00:35	1
Tetrachloroethene	ND		6.0	4.7	ug/Kg	☼	10/07/24 19:59	10/08/24 00:35	1
Toluene	ND		6.0	0.93	ug/Kg	☼	10/07/24 19:59	10/08/24 00:35	1
trans-1,2-Dichloroethene	ND		6.0	1.7	ug/Kg	☼	10/07/24 19:59	10/08/24 00:35	1
trans-1,3-Dichloropropene	ND		6.0	4.4	ug/Kg	☼	10/07/24 19:59	10/08/24 00:35	1
Trichloroethene	ND		6.0	1.7	ug/Kg	☼	10/07/24 19:59	10/08/24 00:35	1
Trichlorofluoromethane	ND		6.0	3.2	ug/Kg	☼	10/07/24 19:59	10/08/24 00:35	1
Vinyl chloride	ND		6.0	2.1	ug/Kg	☼	10/07/24 19:59	10/08/24 00:35	1
Xylenes, Total	ND		12	1.9	ug/Kg	☼	10/07/24 19:59	10/08/24 00:35	1

Client Sample ID: T1000-C-4.0

Date Collected: 10/06/24 12:00
Date Received: 10/07/24 13:00

Lab Sample ID: 240-212566-9

Matrix: Solid
Percent Solids: 81.4

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
Toluene-d8 (Surr)	*105*		*56 - 125*	*10/07/24 19:59*	*10/08/24 00:35*	*1*
Dibromofluoromethane (Surr)	*93*		*41 - 138*	*10/07/24 19:59*	*10/08/24 00:35*	*1*
4-Bromofluorobenzene (Surr)	*108*		*41 - 143*	*10/07/24 19:59*	*10/08/24 00:35*	*1*
1,2-Dichloroethane-d4 (Surr)	*100*		*58 - 125*	*10/07/24 19:59*	*10/08/24 00:35*	*1*

Method: SW846 8270E - Semivolatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1'-Biphenyl	ND		120	34	ug/Kg	☼	10/08/24 09:11	10/09/24 16:04	1
bis (2-chloroisopropyl) ether	ND		120	32	ug/Kg	☼	10/08/24 09:11	10/09/24 16:04	1
2,4,5-Trichlorophenol	ND		180	40	ug/Kg	☼	10/08/24 09:11	10/09/24 16:04	1
2,4,6-Trichlorophenol	ND		180	35	ug/Kg	☼	10/08/24 09:11	10/09/24 16:04	1
2,4-Dichlorophenol	ND		180	33	ug/Kg	☼	10/08/24 09:11	10/09/24 16:04	1
2,4-Dimethylphenol	ND		180	44	ug/Kg	☼	10/08/24 09:11	10/09/24 16:04	1
2,4-Dinitrophenol	ND		400	210	ug/Kg	☼	10/08/24 09:11	10/09/24 16:04	1
2,4-Dinitrotoluene	ND		240	28	ug/Kg	☼	10/08/24 09:11	10/09/24 16:04	1
2,6-Dinitrotoluene	ND		240	44	ug/Kg	☼	10/08/24 09:11	10/09/24 16:04	1
2-Chloronaphthalene	ND		120	34	ug/Kg	☼	10/08/24 09:11	10/09/24 16:04	1
2-Chlorophenol	ND		120	32	ug/Kg	☼	10/08/24 09:11	10/09/24 16:04	1
2-Methylnaphthalene	**100**		49	16	ug/Kg	☼	10/08/24 09:11	10/09/24 16:04	1
2-Methylphenol	ND		240	50	ug/Kg	☼	10/08/24 09:11	10/09/24 16:04	1
2-Nitroaniline	ND		240	46	ug/Kg	☼	10/08/24 09:11	10/09/24 16:04	1
2-Nitrophenol	ND		120	43	ug/Kg	☼	10/08/24 09:11	10/09/24 16:04	1
3,3'-Dichlorobenzidine	ND		180	120	ug/Kg	☼	10/08/24 09:11	10/09/24 16:04	1
3-Nitroaniline	ND		240	43	ug/Kg	☼	10/08/24 09:11	10/09/24 16:04	1
4,6-Dinitro-2-methylphenol	ND		400	130	ug/Kg	☼	10/08/24 09:11	10/09/24 16:04	1
4-Bromophenyl phenyl ether	ND		120	39	ug/Kg	☼	10/08/24 09:11	10/09/24 16:04	1
4-Chloro-3-methylphenol	ND		180	46	ug/Kg	☼	10/08/24 09:11	10/09/24 16:04	1
4-Chloroaniline	ND		180	20	ug/Kg	☼	10/08/24 09:11	10/09/24 16:04	1
4-Chlorophenyl phenyl ether	ND		120	34	ug/Kg	☼	10/08/24 09:11	10/09/24 16:04	1
4-Nitroaniline	ND		240	32	ug/Kg	☼	10/08/24 09:11	10/09/24 16:04	1
4-Nitrophenol	ND		400	110	ug/Kg	☼	10/08/24 09:11	10/09/24 16:04	1
Acenaphthene	ND		49	17	ug/Kg	☼	10/08/24 09:11	10/09/24 16:04	1
Acenaphthylene	**25**	**J**	49	18	ug/Kg	☼	10/08/24 09:11	10/09/24 16:04	1
Acetophenone	ND		120	31	ug/Kg	☼	10/08/24 09:11	10/09/24 16:04	1
Anthracene	**46**	**J**	49	15	ug/Kg	☼	10/08/24 09:11	10/09/24 16:04	1
Atrazine	ND		400	84	ug/Kg	☼	10/08/24 09:11	10/09/24 16:04	1
Benzaldehyde	ND		400	68	ug/Kg	☼	10/08/24 09:11	10/09/24 16:04	1
Benzo[a]anthracene	**150**		49	18	ug/Kg	☼	10/08/24 09:11	10/09/24 16:04	1
Benzo[a]pyrene	**130**		49	17	ug/Kg	☼	10/08/24 09:11	10/09/24 16:04	1
Benzo[b]fluoranthene	**170**		49	15	ug/Kg	☼	10/08/24 09:11	10/09/24 16:04	1
Benzo[g,h,i]perylene	**77**		49	33	ug/Kg	☼	10/08/24 09:11	10/09/24 16:04	1
Benzo[k]fluoranthene	**70**		49	12	ug/Kg	☼	10/08/24 09:11	10/09/24 16:04	1
Bis(2-chloroethoxy)methane	ND		120	24	ug/Kg	☼	10/08/24 09:11	10/09/24 16:04	1
Bis(2-chloroethyl)ether	ND		120	27	ug/Kg	☼	10/08/24 09:11	10/09/24 16:04	1
Bis(2-ethylhexyl) phthalate	ND		180	68	ug/Kg	☼	10/08/24 09:11	10/09/24 16:04	1
Butyl benzyl phthalate	ND		180	62	ug/Kg	☼	10/08/24 09:11	10/09/24 16:04	1
Caprolactam	ND		400	84	ug/Kg	☼	10/08/24 09:11	10/09/24 16:04	1
Carbazole	ND		120	33	ug/Kg	☼	10/08/24 09:11	10/09/24 16:04	1
Chrysene	**150**		49	17	ug/Kg	☼	10/08/24 09:11	10/09/24 16:04	1
Dibenz(a,h)anthracene	**36**	**J**	49	18	ug/Kg	☼	10/08/24 09:11	10/09/24 16:04	1

Client Sample ID: T1000-C-4.0
Date Collected: 10/06/24 12:00
Date Received: 10/07/24 13:00

Lab Sample ID: 240-212566-9
Matrix: Solid
Percent Solids: 81.4

Method: SW846 8270E - Semivolatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Dibenzofuran	ND		120	35	ug/Kg	☼	10/08/24 09:11	10/09/24 16:04	1
Diethyl phthalate	ND		180	53	ug/Kg	☼	10/08/24 09:11	10/09/24 16:04	1
Dimethyl phthalate	ND		180	49	ug/Kg	☼	10/08/24 09:11	10/09/24 16:04	1
Di-n-butyl phthalate	ND		180	62	ug/Kg	☼	10/08/24 09:11	10/09/24 16:04	1
Di-n-octyl phthalate	ND		180	61	ug/Kg	☼	10/08/24 09:11	10/09/24 16:04	1
Fluoranthene	**280**		49	17	ug/Kg	☼	10/08/24 09:11	10/09/24 16:04	1
Fluorene	ND		49	17	ug/Kg	☼	10/08/24 09:11	10/09/24 16:04	1
Hexachlorobenzene	ND		49	17	ug/Kg	☼	10/08/24 09:11	10/09/24 16:04	1
Hexachlorobutadiene	ND		120	26	ug/Kg	☼	10/08/24 09:11	10/09/24 16:04	1
Hexachlorocyclopentadiene	ND	*-	400	48	ug/Kg	☼	10/08/24 09:11	10/09/24 16:04	1
Hexachloroethane	ND		120	39	ug/Kg	☼	10/08/24 09:11	10/09/24 16:04	1
Indeno[1,2,3-cd]pyrene	**55**		49	15	ug/Kg	☼	10/08/24 09:11	10/09/24 16:04	1
Isophorone	ND		120	32	ug/Kg	☼	10/08/24 09:11	10/09/24 16:04	1
N-Nitrosodi-n-propylamine	ND		120	45	ug/Kg	☼	10/08/24 09:11	10/09/24 16:04	1
N-Nitrosodiphenylamine	ND		120	33	ug/Kg	☼	10/08/24 09:11	10/09/24 16:04	1
Naphthalene	**69**		49	16	ug/Kg	☼	10/08/24 09:11	10/09/24 16:04	1
Nitrobenzene	ND		120	27	ug/Kg	☼	10/08/24 09:11	10/09/24 16:04	1
Pentachlorophenol	ND		330	130	ug/Kg	☼	10/08/24 09:11	10/09/24 16:04	1
Phenanthrene	**110**		49	16	ug/Kg	☼	10/08/24 09:11	10/09/24 16:04	1
Phenol	ND		120	46	ug/Kg	☼	10/08/24 09:11	10/09/24 16:04	1
Pyrene	**210**		49	20	ug/Kg	☼	10/08/24 09:11	10/09/24 16:04	1
3 & 4 Methylphenol	**75**	**J**	490	50	ug/Kg	☼	10/08/24 09:11	10/09/24 16:04	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Terphenyl-d14 (Surr)	*66*		*37 - 120*	*10/08/24 09:11*	*10/09/24 16:04*	*1*
Phenol-d5 (Surr)	*67*		*29 - 120*	*10/08/24 09:11*	*10/09/24 16:04*	*1*
Nitrobenzene-d5 (Surr)	*49*		*28 - 120*	*10/08/24 09:11*	*10/09/24 16:04*	*1*
2-Fluorophenol (Surr)	*65*		*26 - 120*	*10/08/24 09:11*	*10/09/24 16:04*	*1*
2-Fluorobiphenyl (Surr)	*66*		*36 - 120*	*10/08/24 09:11*	*10/09/24 16:04*	*1*
2,4,6-Tribromophenol (Surr)	*74*		*10 - 120*	*10/08/24 09:11*	*10/09/24 16:04*	*1*

Method: SW846 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aroclor-1016	ND		59	30	ug/Kg	☼	10/08/24 09:17	10/09/24 13:19	1
Aroclor-1221	ND		59	35	ug/Kg	☼	10/08/24 09:17	10/09/24 13:19	1
Aroclor-1232	ND		59	25	ug/Kg	☼	10/08/24 09:17	10/09/24 13:19	1
Aroclor-1242	ND		59	22	ug/Kg	☼	10/08/24 09:17	10/09/24 13:19	1
Aroclor-1248	ND		59	20	ug/Kg	☼	10/08/24 09:17	10/09/24 13:19	1
Aroclor-1254	ND		59	25	ug/Kg	☼	10/08/24 09:17	10/09/24 13:19	1
Aroclor-1260	ND		59	25	ug/Kg	☼	10/08/24 09:17	10/09/24 13:19	1
Aroclor-1262	ND		59	26	ug/Kg	☼	10/08/24 09:17	10/09/24 13:19	1
Aroclor-1268	ND		59	19	ug/Kg	☼	10/08/24 09:17	10/09/24 13:19	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Tetrachloro-m-xylene	*79*		*10 - 149*	*10/08/24 09:17*	*10/09/24 13:19*	*1*
DCB Decachlorobiphenyl	*102*		*10 - 174*	*10/08/24 09:17*	*10/09/24 13:19*	*1*

Method: SW846 6010D - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	**11**		1.5	0.31	mg/Kg	☼	10/08/24 13:00	10/09/24 16:55	1

Client Sample ID: T1000-C-4.0
Date Collected: 10/06/24 12:00
Date Received: 10/07/24 13:00

Lab Sample ID: 240-212566-9
Matrix: Solid
Percent Solids: 81.4

Method: SW846 6010D - Metals (ICP) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Barium	48		20	0.12	mg/Kg	☼	10/08/24 13:00	10/09/24 16:55	1
Cadmium	0.067	J	0.49	0.047	mg/Kg	☼	10/08/24 13:00	10/09/24 16:55	1
Chromium	13		0.98	0.33	mg/Kg	☼	10/08/24 13:00	10/09/24 16:55	1
Copper	18		2.4	0.68	mg/Kg	☼	10/08/24 13:00	10/09/24 16:55	1
Lead	13		0.98	0.28	mg/Kg	☼	10/08/24 13:00	10/09/24 16:55	1
Selenium	ND		2.0	0.46	mg/Kg	☼	10/08/24 13:00	10/09/24 16:55	1
Silver	ND		0.98	0.079	mg/Kg	☼	10/08/24 13:00	10/09/24 16:55	1
Zinc	95		4.9	3.5	mg/Kg	☼	10/08/24 13:00	10/09/24 16:55	1

Method: SW846 7471B - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.058	J B	0.12	0.022	mg/Kg	☼	10/08/24 13:00	10/09/24 10:08	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cyanide, Total (SW846 9012B)	21		14	11	mg/Kg	☼	10/10/24 11:02	10/10/24 15:19	25

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Solids (EPA Moisture)	81.4		0.1	0.1	%			10/08/24 13:25	1
Percent Moisture (EPA Moisture)	18.6		0.1	0.1	%			10/08/24 13:25	1

Client: August Mack Environmental, Inc.
Project/Site: MSC Canfield - Soil

Job ID: 240-212566-1

Client Sample ID: T1000-W-2.0
Date Collected: 10/06/24 12:13
Date Received: 10/07/24 13:00

Lab Sample ID: 240-212566-10
Matrix: Solid
Percent Solids: 88.2

Method: SW846 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		5.5	1.9	ug/Kg	☼	10/07/24 19:59	10/08/24 00:59	1
1,1,2,2-Tetrachloroethane	ND		5.5	1.6	ug/Kg	☼	10/07/24 19:59	10/08/24 00:59	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		5.5	1.4	ug/Kg	☼	10/07/24 19:59	10/08/24 00:59	1
1,1,2-Trichloroethane	ND		5.5	1.2	ug/Kg	☼	10/07/24 19:59	10/08/24 00:59	1
1,1-Dichloroethane	ND		5.5	1.6	ug/Kg	☼	10/07/24 19:59	10/08/24 00:59	1
1,1-Dichloroethene	ND		5.5	2.0	ug/Kg	☼	10/07/24 19:59	10/08/24 00:59	1
1,2,4-Trichlorobenzene	ND		5.5	2.8	ug/Kg	☼	10/07/24 19:59	10/08/24 00:59	1
1,2-Dibromo-3-Chloropropane	ND		11	4.0	ug/Kg	☼	10/07/24 19:59	10/08/24 00:59	1
Ethylene Dibromide	ND		5.5	0.85	ug/Kg	☼	10/07/24 19:59	10/08/24 00:59	1
1,2-Dichlorobenzene	ND		5.5	1.2	ug/Kg	☼	10/07/24 19:59	10/08/24 00:59	1
1,2-Dichloroethane	ND		5.5	2.0	ug/Kg	☼	10/07/24 19:59	10/08/24 00:59	1
1,2-Dichloropropane	ND		5.5	0.94	ug/Kg	☼	10/07/24 19:59	10/08/24 00:59	1
1,3-Dichlorobenzene	ND		5.5	1.8	ug/Kg	☼	10/07/24 19:59	10/08/24 00:59	1
1,4-Dichlorobenzene	ND		5.5	0.97	ug/Kg	☼	10/07/24 19:59	10/08/24 00:59	1
2-Butanone (MEK)	**3.9**	**J**	22	3.9	ug/Kg	☼	10/07/24 19:59	10/08/24 00:59	1
2-Hexanone	ND		22	4.5	ug/Kg	☼	10/07/24 19:59	10/08/24 00:59	1
4-Methyl-2-pentanone (MIBK)	ND		22	4.1	ug/Kg	☼	10/07/24 19:59	10/08/24 00:59	1
Acetone	ND		28	23	ug/Kg	☼	10/07/24 19:59	10/08/24 00:59	1
Benzene	ND		5.5	0.77	ug/Kg	☼	10/07/24 19:59	10/08/24 00:59	1
Dichlorobromomethane	ND		5.5	1.7	ug/Kg	☼	10/07/24 19:59	10/08/24 00:59	1
Bromoform	ND		5.5	2.6	ug/Kg	☼	10/07/24 19:59	10/08/24 00:59	1
Bromomethane	ND		5.5	4.6	ug/Kg	☼	10/07/24 19:59	10/08/24 00:59	1
Carbon disulfide	ND		5.5	1.3	ug/Kg	☼	10/07/24 19:59	10/08/24 00:59	1
Carbon tetrachloride	ND		5.5	3.6	ug/Kg	☼	10/07/24 19:59	10/08/24 00:59	1
Chlorobenzene	ND		5.5	1.0	ug/Kg	☼	10/07/24 19:59	10/08/24 00:59	1
Chloroethane	ND		5.5	3.0	ug/Kg	☼	10/07/24 19:59	10/08/24 00:59	1
Chloroform	ND		5.5	0.87	ug/Kg	☼	10/07/24 19:59	10/08/24 00:59	1
Chloromethane	ND		5.5	2.5	ug/Kg	☼	10/07/24 19:59	10/08/24 00:59	1
cis-1,2-Dichloroethene	ND		5.5	1.6	ug/Kg	☼	10/07/24 19:59	10/08/24 00:59	1
cis-1,3-Dichloropropene	ND		5.5	3.2	ug/Kg	☼	10/07/24 19:59	10/08/24 00:59	1
Cyclohexane	ND		11	1.5	ug/Kg	☼	10/07/24 19:59	10/08/24 00:59	1
Chlorodibromomethane	ND		5.5	3.1	ug/Kg	☼	10/07/24 19:59	10/08/24 00:59	1
Dichlorodifluoromethane	ND		5.5	2.5	ug/Kg	☼	10/07/24 19:59	10/08/24 00:59	1
Ethylbenzene	ND		5.5	1.2	ug/Kg	☼	10/07/24 19:59	10/08/24 00:59	1
Isopropylbenzene	ND		5.5	2.1	ug/Kg	☼	10/07/24 19:59	10/08/24 00:59	1
Methyl acetate	ND		28	3.7	ug/Kg	☼	10/07/24 19:59	10/08/24 00:59	1
Methyl tert-butyl ether	ND		5.5	2.2	ug/Kg	☼	10/07/24 19:59	10/08/24 00:59	1
Methylcyclohexane	ND		11	1.4	ug/Kg	☼	10/07/24 19:59	10/08/24 00:59	1
Methylene Chloride	ND		28	13	ug/Kg	☼	10/07/24 19:59	10/08/24 00:59	1
Styrene	ND		5.5	1.3	ug/Kg	☼	10/07/24 19:59	10/08/24 00:59	1
Tetrachloroethene	ND		5.5	4.3	ug/Kg	☼	10/07/24 19:59	10/08/24 00:59	1
Toluene	ND		5.5	0.85	ug/Kg	☼	10/07/24 19:59	10/08/24 00:59	1
trans-1,2-Dichloroethene	ND		5.5	1.6	ug/Kg	☼	10/07/24 19:59	10/08/24 00:59	1
trans-1,3-Dichloropropene	ND		5.5	4.1	ug/Kg	☼	10/07/24 19:59	10/08/24 00:59	1
Trichloroethene	ND		5.5	1.6	ug/Kg	☼	10/07/24 19:59	10/08/24 00:59	1
Trichlorofluoromethane	ND		5.5	3.0	ug/Kg	☼	10/07/24 19:59	10/08/24 00:59	1
Vinyl chloride	ND		5.5	1.9	ug/Kg	☼	10/07/24 19:59	10/08/24 00:59	1
Xylenes, Total	ND		11	1.7	ug/Kg	☼	10/07/24 19:59	10/08/24 00:59	1

Client Sample ID: T1000-W-2.0

Date Collected: 10/06/24 12:13
Date Received: 10/07/24 13:00

Lab Sample ID: 240-212566-10

Matrix: Solid
Percent Solids: 88.2

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Toluene-d8 (Surr)	*101*		*56 - 125*	*10/07/24 19:59*	*10/08/24 00:59*	*1*
Dibromofluoromethane (Surr)	*93*		*41 - 138*	*10/07/24 19:59*	*10/08/24 00:59*	*1*
4-Bromofluorobenzene (Surr)	*100*		*41 - 143*	*10/07/24 19:59*	*10/08/24 00:59*	*1*
1,2-Dichloroethane-d4 (Surr)	*102*		*58 - 125*	*10/07/24 19:59*	*10/08/24 00:59*	*1*

Method: SW846 8270E - Semivolatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1'-Biphenyl	ND		110	31	ug/Kg	☼	10/08/24 09:11	10/09/24 16:29	1
bis (2-chloroisopropyl) ether	ND		110	29	ug/Kg	☼	10/08/24 09:11	10/09/24 16:29	1
2,4,5-Trichlorophenol	ND		170	37	ug/Kg	☼	10/08/24 09:11	10/09/24 16:29	1
2,4,6-Trichlorophenol	ND		170	32	ug/Kg	☼	10/08/24 09:11	10/09/24 16:29	1
2,4-Dichlorophenol	ND		170	30	ug/Kg	☼	10/08/24 09:11	10/09/24 16:29	1
2,4-Dimethylphenol	ND		170	40	ug/Kg	☼	10/08/24 09:11	10/09/24 16:29	1
2,4-Dinitrophenol	ND		370	190	ug/Kg	☼	10/08/24 09:11	10/09/24 16:29	1
2,4-Dinitrotoluene	ND		220	26	ug/Kg	☼	10/08/24 09:11	10/09/24 16:29	1
2,6-Dinitrotoluene	ND		220	40	ug/Kg	☼	10/08/24 09:11	10/09/24 16:29	1
2-Chloronaphthalene	ND		110	31	ug/Kg	☼	10/08/24 09:11	10/09/24 16:29	1
2-Chlorophenol	ND		110	29	ug/Kg	☼	10/08/24 09:11	10/09/24 16:29	1
2-Methylnaphthalene	ND		45	15	ug/Kg	☼	10/08/24 09:11	10/09/24 16:29	1
2-Methylphenol	ND		220	46	ug/Kg	☼	10/08/24 09:11	10/09/24 16:29	1
2-Nitroaniline	ND		220	43	ug/Kg	☼	10/08/24 09:11	10/09/24 16:29	1
2-Nitrophenol	ND		110	39	ug/Kg	☼	10/08/24 09:11	10/09/24 16:29	1
3,3'-Dichlorobenzidine	ND		170	110	ug/Kg	☼	10/08/24 09:11	10/09/24 16:29	1
3-Nitroaniline	ND		220	39	ug/Kg	☼	10/08/24 09:11	10/09/24 16:29	1
4,6-Dinitro-2-methylphenol	ND		370	120	ug/Kg	☼	10/08/24 09:11	10/09/24 16:29	1
4-Bromophenyl phenyl ether	ND		110	36	ug/Kg	☼	10/08/24 09:11	10/09/24 16:29	1
4-Chloro-3-methylphenol	ND		170	43	ug/Kg	☼	10/08/24 09:11	10/09/24 16:29	1
4-Chloroaniline	ND		170	18	ug/Kg	☼	10/08/24 09:11	10/09/24 16:29	1
4-Chlorophenyl phenyl ether	ND		110	31	ug/Kg	☼	10/08/24 09:11	10/09/24 16:29	1
4-Nitroaniline	ND		220	29	ug/Kg	☼	10/08/24 09:11	10/09/24 16:29	1
4-Nitrophenol	ND		370	100	ug/Kg	☼	10/08/24 09:11	10/09/24 16:29	1
Acenaphthene	ND		45	16	ug/Kg	☼	10/08/24 09:11	10/09/24 16:29	1
Acenaphthylene	ND		45	17	ug/Kg	☼	10/08/24 09:11	10/09/24 16:29	1
Acetophenone	ND		110	28	ug/Kg	☼	10/08/24 09:11	10/09/24 16:29	1
Anthracene	ND		45	13	ug/Kg	☼	10/08/24 09:11	10/09/24 16:29	1
Atrazine	ND		370	77	ug/Kg	☼	10/08/24 09:11	10/09/24 16:29	1
Benzaldehyde	ND		370	63	ug/Kg	☼	10/08/24 09:11	10/09/24 16:29	1
Benzo[a]anthracene	ND		45	17	ug/Kg	☼	10/08/24 09:11	10/09/24 16:29	1
Benzo[a]pyrene	ND		45	16	ug/Kg	☼	10/08/24 09:11	10/09/24 16:29	1
Benzo[b]fluoranthene	ND		45	13	ug/Kg	☼	10/08/24 09:11	10/09/24 16:29	1
Benzo[g,h,i]perylene	ND		45	30	ug/Kg	☼	10/08/24 09:11	10/09/24 16:29	1
Benzo[k]fluoranthene	ND		45	11	ug/Kg	☼	10/08/24 09:11	10/09/24 16:29	1
Bis(2-chloroethoxy)methane	ND		110	22	ug/Kg	☼	10/08/24 09:11	10/09/24 16:29	1
Bis(2-chloroethyl)ether	ND		110	25	ug/Kg	☼	10/08/24 09:11	10/09/24 16:29	1
Bis(2-ethylhexyl) phthalate	ND		170	63	ug/Kg	☼	10/08/24 09:11	10/09/24 16:29	1
Butyl benzyl phthalate	ND		170	57	ug/Kg	☼	10/08/24 09:11	10/09/24 16:29	1
Caprolactam	ND		370	77	ug/Kg	☼	10/08/24 09:11	10/09/24 16:29	1
Carbazole	ND		110	30	ug/Kg	☼	10/08/24 09:11	10/09/24 16:29	1
Chrysene	ND		45	16	ug/Kg	☼	10/08/24 09:11	10/09/24 16:29	1
Dibenz(a,h)anthracene	ND		45	17	ug/Kg	☼	10/08/24 09:11	10/09/24 16:29	1

Client Sample ID: T1000-W-2.0

Date Collected: 10/06/24 12:13
Date Received: 10/07/24 13:00

Lab Sample ID: 240-212566-10

Matrix: Solid
Percent Solids: 88.2

Method: SW846 8270E - Semivolatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Dibenzofuran	ND		110	32	ug/Kg	☼	10/08/24 09:11	10/09/24 16:29	1
Diethyl phthalate	ND		170	48	ug/Kg	☼	10/08/24 09:11	10/09/24 16:29	1
Dimethyl phthalate	ND		170	45	ug/Kg	☼	10/08/24 09:11	10/09/24 16:29	1
Di-n-butyl phthalate	ND		170	57	ug/Kg	☼	10/08/24 09:11	10/09/24 16:29	1
Di-n-octyl phthalate	ND		170	56	ug/Kg	☼	10/08/24 09:11	10/09/24 16:29	1
Fluoranthene	ND		45	16	ug/Kg	☼	10/08/24 09:11	10/09/24 16:29	1
Fluorene	ND		45	16	ug/Kg	☼	10/08/24 09:11	10/09/24 16:29	1
Hexachlorobenzene	ND		45	16	ug/Kg	☼	10/08/24 09:11	10/09/24 16:29	1
Hexachlorobutadiene	ND		110	24	ug/Kg	☼	10/08/24 09:11	10/09/24 16:29	1
Hexachlorocyclopentadiene	ND	*-	370	44	ug/Kg	☼	10/08/24 09:11	10/09/24 16:29	1
Hexachloroethane	ND		110	36	ug/Kg	☼	10/08/24 09:11	10/09/24 16:29	1
Indeno[1,2,3-cd]pyrene	ND		45	13	ug/Kg	☼	10/08/24 09:11	10/09/24 16:29	1
Isophorone	ND		110	29	ug/Kg	☼	10/08/24 09:11	10/09/24 16:29	1
N-Nitrosodi-n-propylamine	ND		110	41	ug/Kg	☼	10/08/24 09:11	10/09/24 16:29	1
N-Nitrosodiphenylamine	ND		110	30	ug/Kg	☼	10/08/24 09:11	10/09/24 16:29	1
Naphthalene	ND		45	15	ug/Kg	☼	10/08/24 09:11	10/09/24 16:29	1
Nitrobenzene	ND		110	25	ug/Kg	☼	10/08/24 09:11	10/09/24 16:29	1
Pentachlorophenol	ND		300	120	ug/Kg	☼	10/08/24 09:11	10/09/24 16:29	1
Phenanthrene	ND		45	15	ug/Kg	☼	10/08/24 09:11	10/09/24 16:29	1
Phenol	ND		110	43	ug/Kg	☼	10/08/24 09:11	10/09/24 16:29	1
Pyrene	ND		45	18	ug/Kg	☼	10/08/24 09:11	10/09/24 16:29	1
3 & 4 Methylphenol	ND		450	46	ug/Kg	☼	10/08/24 09:11	10/09/24 16:29	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Terphenyl-d14 (Surr)	*72*		*37 - 120*	*10/08/24 09:11*	*10/09/24 16:29*	*1*
Phenol-d5 (Surr)	*68*		*29 - 120*	*10/08/24 09:11*	*10/09/24 16:29*	*1*
Nitrobenzene-d5 (Surr)	*60*		*28 - 120*	*10/08/24 09:11*	*10/09/24 16:29*	*1*
2-Fluorophenol (Surr)	*65*		*26 - 120*	*10/08/24 09:11*	*10/09/24 16:29*	*1*
2-Fluorobiphenyl (Surr)	*67*		*36 - 120*	*10/08/24 09:11*	*10/09/24 16:29*	*1*
2,4,6-Tribromophenol (Surr)	*72*		*10 - 120*	*10/08/24 09:11*	*10/09/24 16:29*	*1*

Method: SW846 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aroclor-1016	ND		57	28	ug/Kg	☼	10/08/24 09:17	10/09/24 13:33	1
Aroclor-1221	ND		57	34	ug/Kg	☼	10/08/24 09:17	10/09/24 13:33	1
Aroclor-1232	ND		57	24	ug/Kg	☼	10/08/24 09:17	10/09/24 13:33	1
Aroclor-1242	ND		57	22	ug/Kg	☼	10/08/24 09:17	10/09/24 13:33	1
Aroclor-1248	ND		57	19	ug/Kg	☼	10/08/24 09:17	10/09/24 13:33	1
Aroclor-1254	ND		57	24	ug/Kg	☼	10/08/24 09:17	10/09/24 13:33	1
Aroclor-1260	ND		57	24	ug/Kg	☼	10/08/24 09:17	10/09/24 13:33	1
Aroclor-1262	ND		57	25	ug/Kg	☼	10/08/24 09:17	10/09/24 13:33	1
Aroclor-1268	ND		57	18	ug/Kg	☼	10/08/24 09:17	10/09/24 13:33	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Tetrachloro-m-xylene	*67*		*10 - 149*	*10/08/24 09:17*	*10/09/24 13:33*	*1*
DCB Decachlorobiphenyl	*80*		*10 - 174*	*10/08/24 09:17*	*10/09/24 13:33*	*1*

Method: SW846 6010D - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	**14**		1.5	0.32	mg/Kg	☼	10/08/24 13:00	10/09/24 17:08	1

Client: August Mack Environmental, Inc.
Project/Site: MSC Canfield - Soil

Job ID: 240-212566-1

Client Sample ID: T1000-W-2.0

Date Collected: 10/06/24 12:13
Date Received: 10/07/24 13:00

Lab Sample ID: 240-212566-10

Matrix: Solid
Percent Solids: 88.2

Method: SW846 6010D - Metals (ICP) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Barium	**31**		20	0.13	mg/Kg	☼	10/08/24 13:00	10/09/24 17:08	1
Cadmium	ND		0.51	0.049	mg/Kg	☼	10/08/24 13:00	10/09/24 17:08	1
Chromium	**11**		1.0	0.35	mg/Kg	☼	10/08/24 13:00	10/09/24 17:08	1
Copper	**17**		2.5	0.71	mg/Kg	☼	10/08/24 13:00	10/09/24 17:08	1
Lead	**11**		1.0	0.29	mg/Kg	☼	10/08/24 13:00	10/09/24 17:08	1
Selenium	ND		2.0	0.47	mg/Kg	☼	10/08/24 13:00	10/09/24 17:08	1
Silver	ND		1.0	0.082	mg/Kg	☼	10/08/24 13:00	10/09/24 17:08	1
Zinc	**70**		5.1	3.7	mg/Kg	☼	10/08/24 13:00	10/09/24 17:08	1

Method: SW846 7471B - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	**0.050**	**J B**	0.12	0.022	mg/Kg	☼	10/08/24 13:00	10/09/24 10:10	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cyanide, Total (SW846 9012B)	**6.3**		0.62	0.49	mg/Kg	☼	10/10/24 11:02	10/10/24 16:44	1

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Solids (EPA Moisture)	**88.2**		0.1	0.1	%			10/08/24 13:25	1
Percent Moisture (EPA Moisture)	**11.8**		0.1	0.1	%			10/08/24 13:25	1

Client: August Mack Environmental, Inc.
Project/Site: MSC Canfield - Soil

Job ID: 240-212566-1

Client Sample ID: T500-W-2.0
Date Collected: 10/05/24 08:42
Date Received: 10/07/24 13:00

Lab Sample ID: 240-212566-12
Matrix: Solid
Percent Solids: 75.8

Method: SW846 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		6.5	2.3	ug/Kg	☼	10/07/24 19:59	10/08/24 01:23	1
1,1,2,2-Tetrachloroethane	ND		6.5	1.9	ug/Kg	☼	10/07/24 19:59	10/08/24 01:23	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		6.5	1.7	ug/Kg	☼	10/07/24 19:59	10/08/24 01:23	1
1,1,2-Trichloroethane	ND		6.5	1.5	ug/Kg	☼	10/07/24 19:59	10/08/24 01:23	1
1,1-Dichloroethane	ND		6.5	1.8	ug/Kg	☼	10/07/24 19:59	10/08/24 01:23	1
1,1-Dichloroethene	ND		6.5	2.4	ug/Kg	☼	10/07/24 19:59	10/08/24 01:23	1
1,2,4-Trichlorobenzene	ND		6.5	3.2	ug/Kg	☼	10/07/24 19:59	10/08/24 01:23	1
1,2-Dibromo-3-Chloropropane	ND		13	4.7	ug/Kg	☼	10/07/24 19:59	10/08/24 01:23	1
Ethylene Dibromide	ND		6.5	1.0	ug/Kg	☼	10/07/24 19:59	10/08/24 01:23	1
1,2-Dichlorobenzene	ND		6.5	1.4	ug/Kg	☼	10/07/24 19:59	10/08/24 01:23	1
1,2-Dichloroethane	ND		6.5	2.3	ug/Kg	☼	10/07/24 19:59	10/08/24 01:23	1
1,2-Dichloropropane	ND		6.5	1.1	ug/Kg	☼	10/07/24 19:59	10/08/24 01:23	1
1,3-Dichlorobenzene	ND		6.5	2.1	ug/Kg	☼	10/07/24 19:59	10/08/24 01:23	1
1,4-Dichlorobenzene	ND		6.5	1.1	ug/Kg	☼	10/07/24 19:59	10/08/24 01:23	1
2-Butanone (MEK)	**11**	**J**	26	4.6	ug/Kg	☼	10/07/24 19:59	10/08/24 01:23	1
2-Hexanone	ND		26	5.3	ug/Kg	☼	10/07/24 19:59	10/08/24 01:23	1
4-Methyl-2-pentanone (MIBK)	ND		26	4.8	ug/Kg	☼	10/07/24 19:59	10/08/24 01:23	1
Acetone	**50**		32	27	ug/Kg	☼	10/07/24 19:59	10/08/24 01:23	1
Benzene	ND		6.5	0.91	ug/Kg	☼	10/07/24 19:59	10/08/24 01:23	1
Dichlorobromomethane	ND		6.5	1.9	ug/Kg	☼	10/07/24 19:59	10/08/24 01:23	1
Bromoform	ND		6.5	3.1	ug/Kg	☼	10/07/24 19:59	10/08/24 01:23	1
Bromomethane	ND		6.5	5.4	ug/Kg	☼	10/07/24 19:59	10/08/24 01:23	1
Carbon disulfide	ND		6.5	1.5	ug/Kg	☼	10/07/24 19:59	10/08/24 01:23	1
Carbon tetrachloride	ND		6.5	4.2	ug/Kg	☼	10/07/24 19:59	10/08/24 01:23	1
Chlorobenzene	ND		6.5	1.2	ug/Kg	☼	10/07/24 19:59	10/08/24 01:23	1
Chloroethane	ND		6.5	3.6	ug/Kg	☼	10/07/24 19:59	10/08/24 01:23	1
Chloroform	ND		6.5	1.0	ug/Kg	☼	10/07/24 19:59	10/08/24 01:23	1
Chloromethane	ND		6.5	3.0	ug/Kg	☼	10/07/24 19:59	10/08/24 01:23	1
cis-1,2-Dichloroethene	ND		6.5	1.9	ug/Kg	☼	10/07/24 19:59	10/08/24 01:23	1
cis-1,3-Dichloropropene	ND		6.5	3.7	ug/Kg	☼	10/07/24 19:59	10/08/24 01:23	1
Cyclohexane	ND		13	1.8	ug/Kg	☼	10/07/24 19:59	10/08/24 01:23	1
Chlorodibromomethane	ND		6.5	3.6	ug/Kg	☼	10/07/24 19:59	10/08/24 01:23	1
Dichlorodifluoromethane	ND		6.5	2.9	ug/Kg	☼	10/07/24 19:59	10/08/24 01:23	1
Ethylbenzene	ND		6.5	1.4	ug/Kg	☼	10/07/24 19:59	10/08/24 01:23	1
Isopropylbenzene	ND		6.5	2.5	ug/Kg	☼	10/07/24 19:59	10/08/24 01:23	1
Methyl acetate	ND		32	4.4	ug/Kg	☼	10/07/24 19:59	10/08/24 01:23	1
Methyl tert-butyl ether	ND		6.5	2.6	ug/Kg	☼	10/07/24 19:59	10/08/24 01:23	1
Methylcyclohexane	ND		13	1.6	ug/Kg	☼	10/07/24 19:59	10/08/24 01:23	1
Methylene Chloride	ND		32	16	ug/Kg	☼	10/07/24 19:59	10/08/24 01:23	1
Styrene	ND		6.5	1.5	ug/Kg	☼	10/07/24 19:59	10/08/24 01:23	1
Tetrachloroethene	ND		6.5	5.0	ug/Kg	☼	10/07/24 19:59	10/08/24 01:23	1
Toluene	ND		6.5	1.0	ug/Kg	☼	10/07/24 19:59	10/08/24 01:23	1
trans-1,2-Dichloroethene	ND		6.5	1.8	ug/Kg	☼	10/07/24 19:59	10/08/24 01:23	1
trans-1,3-Dichloropropene	ND		6.5	4.8	ug/Kg	☼	10/07/24 19:59	10/08/24 01:23	1
Trichloroethene	ND		6.5	1.9	ug/Kg	☼	10/07/24 19:59	10/08/24 01:23	1
Trichlorofluoromethane	ND		6.5	3.5	ug/Kg	☼	10/07/24 19:59	10/08/24 01:23	1
Vinyl chloride	ND		6.5	2.3	ug/Kg	☼	10/07/24 19:59	10/08/24 01:23	1
Xylenes, Total	ND		13	2.1	ug/Kg	☼	10/07/24 19:59	10/08/24 01:23	1

Client Sample ID: T500-W-2.0

Date Collected: 10/05/24 08:42
Date Received: 10/07/24 13:00

Lab Sample ID: 240-212566-12

Matrix: Solid
Percent Solids: 75.8

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Toluene-d8 (Surr)	*102*		*56 - 125*	*10/07/24 19:59*	*10/08/24 01:23*	*1*
Dibromofluoromethane (Surr)	*93*		*41 - 138*	*10/07/24 19:59*	*10/08/24 01:23*	*1*
4-Bromofluorobenzene (Surr)	*107*		*41 - 143*	*10/07/24 19:59*	*10/08/24 01:23*	*1*
1,2-Dichloroethane-d4 (Surr)	*101*		*58 - 125*	*10/07/24 19:59*	*10/08/24 01:23*	*1*

Method: SW846 8270E - Semivolatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1'-Biphenyl	ND		130	36	ug/Kg	☼	10/08/24 09:11	10/09/24 16:53	1
bis (2-chloroisopropyl) ether	ND		130	34	ug/Kg	☼	10/08/24 09:11	10/09/24 16:53	1
2,4,5-Trichlorophenol	ND		190	43	ug/Kg	☼	10/08/24 09:11	10/09/24 16:53	1
2,4,6-Trichlorophenol	ND		190	37	ug/Kg	☼	10/08/24 09:11	10/09/24 16:53	1
2,4-Dichlorophenol	ND		190	35	ug/Kg	☼	10/08/24 09:11	10/09/24 16:53	1
2,4-Dimethylphenol	ND		190	46	ug/Kg	☼	10/08/24 09:11	10/09/24 16:53	1
2,4-Dinitrophenol	ND		430	220	ug/Kg	☼	10/08/24 09:11	10/09/24 16:53	1
2,4-Dinitrotoluene	ND		260	30	ug/Kg	☼	10/08/24 09:11	10/09/24 16:53	1
2,6-Dinitrotoluene	ND		260	46	ug/Kg	☼	10/08/24 09:11	10/09/24 16:53	1
2-Chloronaphthalene	ND		130	36	ug/Kg	☼	10/08/24 09:11	10/09/24 16:53	1
2-Chlorophenol	ND		130	34	ug/Kg	☼	10/08/24 09:11	10/09/24 16:53	1
2-Methylnaphthalene	ND		52	17	ug/Kg	☼	10/08/24 09:11	10/09/24 16:53	1
2-Methylphenol	ND		260	53	ug/Kg	☼	10/08/24 09:11	10/09/24 16:53	1
2-Nitroaniline	ND		260	49	ug/Kg	☼	10/08/24 09:11	10/09/24 16:53	1
2-Nitrophenol	ND		130	45	ug/Kg	☼	10/08/24 09:11	10/09/24 16:53	1
3,3'-Dichlorobenzidine	ND		190	120	ug/Kg	☼	10/08/24 09:11	10/09/24 16:53	1
3-Nitroaniline	ND		260	45	ug/Kg	☼	10/08/24 09:11	10/09/24 16:53	1
4,6-Dinitro-2-methylphenol	ND		430	130	ug/Kg	☼	10/08/24 09:11	10/09/24 16:53	1
4-Bromophenyl phenyl ether	ND		130	41	ug/Kg	☼	10/08/24 09:11	10/09/24 16:53	1
4-Chloro-3-methylphenol	ND		190	49	ug/Kg	☼	10/08/24 09:11	10/09/24 16:53	1
4-Chloroaniline	ND		190	21	ug/Kg	☼	10/08/24 09:11	10/09/24 16:53	1
4-Chlorophenyl phenyl ether	ND		130	36	ug/Kg	☼	10/08/24 09:11	10/09/24 16:53	1
4-Nitroaniline	ND		260	34	ug/Kg	☼	10/08/24 09:11	10/09/24 16:53	1
4-Nitrophenol	ND		430	120	ug/Kg	☼	10/08/24 09:11	10/09/24 16:53	1
Acenaphthene	ND		52	18	ug/Kg	☼	10/08/24 09:11	10/09/24 16:53	1
Acenaphthylene	ND		52	19	ug/Kg	☼	10/08/24 09:11	10/09/24 16:53	1
Acetophenone	ND		130	32	ug/Kg	☼	10/08/24 09:11	10/09/24 16:53	1
Anthracene	ND		52	15	ug/Kg	☼	10/08/24 09:11	10/09/24 16:53	1
Atrazine	ND		430	89	ug/Kg	☼	10/08/24 09:11	10/09/24 16:53	1
Benzaldehyde	ND		430	72	ug/Kg	☼	10/08/24 09:11	10/09/24 16:53	1
Benzo[a]anthracene	ND		52	19	ug/Kg	☼	10/08/24 09:11	10/09/24 16:53	1
Benzo[a]pyrene	ND		52	18	ug/Kg	☼	10/08/24 09:11	10/09/24 16:53	1
Benzo[b]fluoranthene	ND		52	15	ug/Kg	☼	10/08/24 09:11	10/09/24 16:53	1
Benzo[g,h,i]perylene	ND		52	35	ug/Kg	☼	10/08/24 09:11	10/09/24 16:53	1
Benzo[k]fluoranthene	ND		52	13	ug/Kg	☼	10/08/24 09:11	10/09/24 16:53	1
Bis(2-chloroethoxy)methane	ND		130	26	ug/Kg	☼	10/08/24 09:11	10/09/24 16:53	1
Bis(2-chloroethyl)ether	ND		130	28	ug/Kg	☼	10/08/24 09:11	10/09/24 16:53	1
Bis(2-ethylhexyl) phthalate	ND		190	72	ug/Kg	☼	10/08/24 09:11	10/09/24 16:53	1
Butyl benzyl phthalate	ND		190	66	ug/Kg	☼	10/08/24 09:11	10/09/24 16:53	1
Caprolactam	ND		430	89	ug/Kg	☼	10/08/24 09:11	10/09/24 16:53	1
Carbazole	ND		130	35	ug/Kg	☼	10/08/24 09:11	10/09/24 16:53	1
Chrysene	ND		52	18	ug/Kg	☼	10/08/24 09:11	10/09/24 16:53	1
Dibenz(a,h)anthracene	ND		52	19	ug/Kg	☼	10/08/24 09:11	10/09/24 16:53	1

Client Sample ID: T500-W-2.0

Date Collected: 10/05/24 08:42
Date Received: 10/07/24 13:00

Lab Sample ID: 240-212566-12

Matrix: Solid
Percent Solids: 75.8

Method: SW846 8270E - Semivolatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Dibenzofuran	ND		130	37	ug/Kg	☼	10/08/24 09:11	10/09/24 16:53	1
Diethyl phthalate	ND		190	55	ug/Kg	☼	10/08/24 09:11	10/09/24 16:53	1
Dimethyl phthalate	ND		190	52	ug/Kg	☼	10/08/24 09:11	10/09/24 16:53	1
Di-n-butyl phthalate	ND		190	66	ug/Kg	☼	10/08/24 09:11	10/09/24 16:53	1
Di-n-octyl phthalate	ND		190	64	ug/Kg	☼	10/08/24 09:11	10/09/24 16:53	1
Fluoranthene	ND		52	18	ug/Kg	☼	10/08/24 09:11	10/09/24 16:53	1
Fluorene	ND		52	18	ug/Kg	☼	10/08/24 09:11	10/09/24 16:53	1
Hexachlorobenzene	ND		52	18	ug/Kg	☼	10/08/24 09:11	10/09/24 16:53	1
Hexachlorobutadiene	ND		130	27	ug/Kg	☼	10/08/24 09:11	10/09/24 16:53	1
Hexachlorocyclopentadiene	ND	*-	430	50	ug/Kg	☼	10/08/24 09:11	10/09/24 16:53	1
Hexachloroethane	ND		130	41	ug/Kg	☼	10/08/24 09:11	10/09/24 16:53	1
Indeno[1,2,3-cd]pyrene	ND		52	15	ug/Kg	☼	10/08/24 09:11	10/09/24 16:53	1
Isophorone	ND		130	34	ug/Kg	☼	10/08/24 09:11	10/09/24 16:53	1
N-Nitrosodi-n-propylamine	ND		130	48	ug/Kg	☼	10/08/24 09:11	10/09/24 16:53	1
N-Nitrosodiphenylamine	ND		130	35	ug/Kg	☼	10/08/24 09:11	10/09/24 16:53	1
Naphthalene	ND		52	17	ug/Kg	☼	10/08/24 09:11	10/09/24 16:53	1
Nitrobenzene	ND		130	28	ug/Kg	☼	10/08/24 09:11	10/09/24 16:53	1
Pentachlorophenol	ND		350	140	ug/Kg	☼	10/08/24 09:11	10/09/24 16:53	1
Phenanthrene	ND		52	17	ug/Kg	☼	10/08/24 09:11	10/09/24 16:53	1
Phenol	ND		130	49	ug/Kg	☼	10/08/24 09:11	10/09/24 16:53	1
Pyrene	ND		52	21	ug/Kg	☼	10/08/24 09:11	10/09/24 16:53	1
3 & 4 Methylphenol	ND		520	53	ug/Kg	☼	10/08/24 09:11	10/09/24 16:53	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Terphenyl-d14 (Surr)	*64*		*37 - 120*	*10/08/24 09:11*	*10/09/24 16:53*	*1*
Phenol-d5 (Surr)	*64*		*29 - 120*	*10/08/24 09:11*	*10/09/24 16:53*	*1*
Nitrobenzene-d5 (Surr)	*54*		*28 - 120*	*10/08/24 09:11*	*10/09/24 16:53*	*1*
2-Fluorophenol (Surr)	*62*		*26 - 120*	*10/08/24 09:11*	*10/09/24 16:53*	*1*
2-Fluorobiphenyl (Surr)	*63*		*36 - 120*	*10/08/24 09:11*	*10/09/24 16:53*	*1*
2,4,6-Tribromophenol (Surr)	*53*		*10 - 120*	*10/08/24 09:11*	*10/09/24 16:53*	*1*

Method: SW846 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aroclor-1016	ND		65	32	ug/Kg	☼	10/08/24 09:17	10/09/24 13:47	1
Aroclor-1221	ND		65	39	ug/Kg	☼	10/08/24 09:17	10/09/24 13:47	1
Aroclor-1232	ND		65	27	ug/Kg	☼	10/08/24 09:17	10/09/24 13:47	1
Aroclor-1242	ND		65	25	ug/Kg	☼	10/08/24 09:17	10/09/24 13:47	1
Aroclor-1248	ND		65	22	ug/Kg	☼	10/08/24 09:17	10/09/24 13:47	1
Aroclor-1254	ND		65	27	ug/Kg	☼	10/08/24 09:17	10/09/24 13:47	1
Aroclor-1260	ND		65	27	ug/Kg	☼	10/08/24 09:17	10/09/24 13:47	1
Aroclor-1262	ND		65	28	ug/Kg	☼	10/08/24 09:17	10/09/24 13:47	1
Aroclor-1268	ND		65	21	ug/Kg	☼	10/08/24 09:17	10/09/24 13:47	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Tetrachloro-m-xylene	*71*		*10 - 149*	*10/08/24 09:17*	*10/09/24 13:47*	*1*
DCB Decachlorobiphenyl	*83*		*10 - 174*	*10/08/24 09:17*	*10/09/24 13:47*	*1*

Method: SW846 6010D - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	**13**		1.4	0.30	mg/Kg	☼	10/08/24 13:00	10/09/24 17:13	1

Client: August Mack Environmental, Inc.
Project/Site: MSC Canfield - Soil

Job ID: 240-212566-1

Client Sample ID: T500-W-2.0

Date Collected: 10/05/24 08:42
Date Received: 10/07/24 13:00

Lab Sample ID: 240-212566-12

Matrix: Solid
Percent Solids: 75.8

Method: SW846 6010D - Metals (ICP) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Barium	75		19	0.12	mg/Kg	☼	10/08/24 13:00	10/09/24 17:13	1
Cadmium	0.14	J	0.48	0.046	mg/Kg	☼	10/08/24 13:00	10/09/24 17:13	1
Chromium	16		0.96	0.33	mg/Kg	☼	10/08/24 13:00	10/09/24 17:13	1
Copper	11		2.4	0.67	mg/Kg	☼	10/08/24 13:00	10/09/24 17:13	1
Lead	19		0.96	0.27	mg/Kg	☼	10/08/24 13:00	10/09/24 17:13	1
Selenium	0.56	J	1.9	0.45	mg/Kg	☼	10/08/24 13:00	10/09/24 17:13	1
Silver	ND		0.96	0.077	mg/Kg	☼	10/08/24 13:00	10/09/24 17:13	1
Zinc	600		4.8	3.5	mg/Kg	☼	10/08/24 13:00	10/09/24 17:13	1

Method: SW846 7471B - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.076	J B	0.11	0.021	mg/Kg	☼	10/08/24 13:00	10/09/24 10:11	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cyanide, Total (SW846 9012B)	2.8		0.55	0.44	mg/Kg	☼	10/10/24 11:02	10/10/24 17:07	1

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Solids (EPA Moisture)	75.8		0.1	0.1	%			10/08/24 13:25	1
Percent Moisture (EPA Moisture)	24.2		0.1	0.1	%			10/08/24 13:25	1

Client: August Mack Environmental, Inc.
Project/Site: MSC Canfield - Soil

Job ID: 240-212566-1

Client Sample ID: T500-W-4.0
Date Collected: 10/05/24 08:55
Date Received: 10/07/24 13:00

Lab Sample ID: 240-212566-13
Matrix: Solid
Percent Solids: 77.9

Method: SW846 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		6.3	2.2	ug/Kg	☼	10/07/24 19:59	10/08/24 01:47	1
1,1,2,2-Tetrachloroethane	ND		6.3	1.8	ug/Kg	☼	10/07/24 19:59	10/08/24 01:47	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		6.3	1.6	ug/Kg	☼	10/07/24 19:59	10/08/24 01:47	1
1,1,2-Trichloroethane	ND		6.3	1.4	ug/Kg	☼	10/07/24 19:59	10/08/24 01:47	1
1,1-Dichloroethane	ND		6.3	1.8	ug/Kg	☼	10/07/24 19:59	10/08/24 01:47	1
1,1-Dichloroethene	ND		6.3	2.3	ug/Kg	☼	10/07/24 19:59	10/08/24 01:47	1
1,2,4-Trichlorobenzene	ND		6.3	3.1	ug/Kg	☼	10/07/24 19:59	10/08/24 01:47	1
1,2-Dibromo-3-Chloropropane	ND		13	4.5	ug/Kg	☼	10/07/24 19:59	10/08/24 01:47	1
Ethylene Dibromide	ND		6.3	0.97	ug/Kg	☼	10/07/24 19:59	10/08/24 01:47	1
1,2-Dichlorobenzene	ND		6.3	1.4	ug/Kg	☼	10/07/24 19:59	10/08/24 01:47	1
1,2-Dichloroethane	ND		6.3	2.3	ug/Kg	☼	10/07/24 19:59	10/08/24 01:47	1
1,2-Dichloropropane	ND		6.3	1.1	ug/Kg	☼	10/07/24 19:59	10/08/24 01:47	1
1,3-Dichlorobenzene	ND		6.3	2.1	ug/Kg	☼	10/07/24 19:59	10/08/24 01:47	1
1,4-Dichlorobenzene	ND		6.3	1.1	ug/Kg	☼	10/07/24 19:59	10/08/24 01:47	1
2-Butanone (MEK)	**8.1**	**J**	25	4.5	ug/Kg	☼	10/07/24 19:59	10/08/24 01:47	1
2-Hexanone	ND		25	5.1	ug/Kg	☼	10/07/24 19:59	10/08/24 01:47	1
4-Methyl-2-pentanone (MIBK)	ND		25	4.7	ug/Kg	☼	10/07/24 19:59	10/08/24 01:47	1
Acetone	**58**		31	26	ug/Kg	☼	10/07/24 19:59	10/08/24 01:47	1
Benzene	ND		6.3	0.88	ug/Kg	☼	10/07/24 19:59	10/08/24 01:47	1
Dichlorobromomethane	ND		6.3	1.9	ug/Kg	☼	10/07/24 19:59	10/08/24 01:47	1
Bromoform	ND		6.3	3.0	ug/Kg	☼	10/07/24 19:59	10/08/24 01:47	1
Bromomethane	ND		6.3	5.2	ug/Kg	☼	10/07/24 19:59	10/08/24 01:47	1
Carbon disulfide	ND		6.3	1.5	ug/Kg	☼	10/07/24 19:59	10/08/24 01:47	1
Carbon tetrachloride	ND		6.3	4.1	ug/Kg	☼	10/07/24 19:59	10/08/24 01:47	1
Chlorobenzene	ND		6.3	1.1	ug/Kg	☼	10/07/24 19:59	10/08/24 01:47	1
Chloroethane	ND		6.3	3.4	ug/Kg	☼	10/07/24 19:59	10/08/24 01:47	1
Chloroform	ND		6.3	0.99	ug/Kg	☼	10/07/24 19:59	10/08/24 01:47	1
Chloromethane	ND		6.3	2.9	ug/Kg	☼	10/07/24 19:59	10/08/24 01:47	1
cis-1,2-Dichloroethene	ND		6.3	1.9	ug/Kg	☼	10/07/24 19:59	10/08/24 01:47	1
cis-1,3-Dichloropropene	ND		6.3	3.6	ug/Kg	☼	10/07/24 19:59	10/08/24 01:47	1
Cyclohexane	ND		13	1.7	ug/Kg	☼	10/07/24 19:59	10/08/24 01:47	1
Chlorodibromomethane	ND		6.3	3.5	ug/Kg	☼	10/07/24 19:59	10/08/24 01:47	1
Dichlorodifluoromethane	ND		6.3	2.8	ug/Kg	☼	10/07/24 19:59	10/08/24 01:47	1
Ethylbenzene	ND		6.3	1.3	ug/Kg	☼	10/07/24 19:59	10/08/24 01:47	1
Isopropylbenzene	ND		6.3	2.4	ug/Kg	☼	10/07/24 19:59	10/08/24 01:47	1
Methyl acetate	ND		31	4.3	ug/Kg	☼	10/07/24 19:59	10/08/24 01:47	1
Methyl tert-butyl ether	ND		6.3	2.5	ug/Kg	☼	10/07/24 19:59	10/08/24 01:47	1
Methylcyclohexane	ND		13	1.5	ug/Kg	☼	10/07/24 19:59	10/08/24 01:47	1
Methylene Chloride	ND		31	15	ug/Kg	☼	10/07/24 19:59	10/08/24 01:47	1
Styrene	ND		6.3	1.5	ug/Kg	☼	10/07/24 19:59	10/08/24 01:47	1
Tetrachloroethene	ND		6.3	4.9	ug/Kg	☼	10/07/24 19:59	10/08/24 01:47	1
Toluene	ND		6.3	0.97	ug/Kg	☼	10/07/24 19:59	10/08/24 01:47	1
trans-1,2-Dichloroethene	ND		6.3	1.8	ug/Kg	☼	10/07/24 19:59	10/08/24 01:47	1
trans-1,3-Dichloropropene	ND		6.3	4.7	ug/Kg	☼	10/07/24 19:59	10/08/24 01:47	1
Trichloroethene	ND		6.3	1.8	ug/Kg	☼	10/07/24 19:59	10/08/24 01:47	1
Trichlorofluoromethane	ND		6.3	3.4	ug/Kg	☼	10/07/24 19:59	10/08/24 01:47	1
Vinyl chloride	ND		6.3	2.2	ug/Kg	☼	10/07/24 19:59	10/08/24 01:47	1
Xylenes, Total	ND		13	2.0	ug/Kg	☼	10/07/24 19:59	10/08/24 01:47	1

Client: August Mack Environmental, Inc.
Project/Site: MSC Canfield - Soil

Job ID: 240-212566-1

Client Sample ID: T500-W-4.0
Date Collected: 10/05/24 08:55
Date Received: 10/07/24 13:00

Lab Sample ID: 240-212566-13
Matrix: Solid
Percent Solids: 77.9

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Toluene-d8 (Surr)	*101*		*56 - 125*	*10/07/24 19:59*	*10/08/24 01:47*	*1*
Dibromofluoromethane (Surr)	*91*		*41 - 138*	*10/07/24 19:59*	*10/08/24 01:47*	*1*
4-Bromofluorobenzene (Surr)	*100*		*41 - 143*	*10/07/24 19:59*	*10/08/24 01:47*	*1*
1,2-Dichloroethane-d4 (Surr)	*102*		*58 - 125*	*10/07/24 19:59*	*10/08/24 01:47*	*1*

Method: SW846 8270E - Semivolatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1'-Biphenyl	ND		130	36	ug/Kg	☼	10/08/24 09:11	10/09/24 17:17	1
bis (2-chloroisopropyl) ether	ND		130	33	ug/Kg	☼	10/08/24 09:11	10/09/24 17:17	1
2,4,5-Trichlorophenol	ND		190	42	ug/Kg	☼	10/08/24 09:11	10/09/24 17:17	1
2,4,6-Trichlorophenol	ND		190	37	ug/Kg	☼	10/08/24 09:11	10/09/24 17:17	1
2,4-Dichlorophenol	ND		190	35	ug/Kg	☼	10/08/24 09:11	10/09/24 17:17	1
2,4-Dimethylphenol	ND		190	46	ug/Kg	☼	10/08/24 09:11	10/09/24 17:17	1
2,4-Dinitrophenol	ND		420	220	ug/Kg	☼	10/08/24 09:11	10/09/24 17:17	1
2,4-Dinitrotoluene	ND		260	29	ug/Kg	☼	10/08/24 09:11	10/09/24 17:17	1
2,6-Dinitrotoluene	ND		260	46	ug/Kg	☼	10/08/24 09:11	10/09/24 17:17	1
2-Chloronaphthalene	ND		130	36	ug/Kg	☼	10/08/24 09:11	10/09/24 17:17	1
2-Chlorophenol	ND		130	33	ug/Kg	☼	10/08/24 09:11	10/09/24 17:17	1
2-Methylnaphthalene	ND		51	17	ug/Kg	☼	10/08/24 09:11	10/09/24 17:17	1
2-Methylphenol	ND		260	53	ug/Kg	☼	10/08/24 09:11	10/09/24 17:17	1
2-Nitroaniline	ND		260	49	ug/Kg	☼	10/08/24 09:11	10/09/24 17:17	1
2-Nitrophenol	ND		130	45	ug/Kg	☼	10/08/24 09:11	10/09/24 17:17	1
3,3'-Dichlorobenzidine	ND		190	120	ug/Kg	☼	10/08/24 09:11	10/09/24 17:17	1
3-Nitroaniline	ND		260	45	ug/Kg	☼	10/08/24 09:11	10/09/24 17:17	1
4,6-Dinitro-2-methylphenol	ND		420	130	ug/Kg	☼	10/08/24 09:11	10/09/24 17:17	1
4-Bromophenyl phenyl ether	ND		130	41	ug/Kg	☼	10/08/24 09:11	10/09/24 17:17	1
4-Chloro-3-methylphenol	ND		190	49	ug/Kg	☼	10/08/24 09:11	10/09/24 17:17	1
4-Chloroaniline	ND		190	21	ug/Kg	☼	10/08/24 09:11	10/09/24 17:17	1
4-Chlorophenyl phenyl ether	ND		130	36	ug/Kg	☼	10/08/24 09:11	10/09/24 17:17	1
4-Nitroaniline	ND		260	33	ug/Kg	☼	10/08/24 09:11	10/09/24 17:17	1
4-Nitrophenol	ND		420	120	ug/Kg	☼	10/08/24 09:11	10/09/24 17:17	1
Acenaphthene	ND		51	18	ug/Kg	☼	10/08/24 09:11	10/09/24 17:17	1
Acenaphthylene	ND		51	19	ug/Kg	☼	10/08/24 09:11	10/09/24 17:17	1
Acetophenone	ND		130	32	ug/Kg	☼	10/08/24 09:11	10/09/24 17:17	1
Anthracene	ND		51	15	ug/Kg	☼	10/08/24 09:11	10/09/24 17:17	1
Atrazine	ND		420	88	ug/Kg	☼	10/08/24 09:11	10/09/24 17:17	1
Benzaldehyde	ND		420	72	ug/Kg	☼	10/08/24 09:11	10/09/24 17:17	1
Benzo[a]anthracene	**46**	**J**	51	19	ug/Kg	☼	10/08/24 09:11	10/09/24 17:17	1
Benzo[a]pyrene	**58**		51	18	ug/Kg	☼	10/08/24 09:11	10/09/24 17:17	1
Benzo[b]fluoranthene	**110**		51	15	ug/Kg	☼	10/08/24 09:11	10/09/24 17:17	1
Benzo[g,h,i]perylene	**65**		51	35	ug/Kg	☼	10/08/24 09:11	10/09/24 17:17	1
Benzo[k]fluoranthene	**25**	**J**	51	13	ug/Kg	☼	10/08/24 09:11	10/09/24 17:17	1
Bis(2-chloroethoxy)methane	ND		130	26	ug/Kg	☼	10/08/24 09:11	10/09/24 17:17	1
Bis(2-chloroethyl)ether	ND		130	28	ug/Kg	☼	10/08/24 09:11	10/09/24 17:17	1
Bis(2-ethylhexyl) phthalate	ND		190	72	ug/Kg	☼	10/08/24 09:11	10/09/24 17:17	1
Butyl benzyl phthalate	ND		190	65	ug/Kg	☼	10/08/24 09:11	10/09/24 17:17	1
Caprolactam	ND		420	88	ug/Kg	☼	10/08/24 09:11	10/09/24 17:17	1
Carbazole	ND		130	35	ug/Kg	☼	10/08/24 09:11	10/09/24 17:17	1
Chrysene	**66**		51	18	ug/Kg	☼	10/08/24 09:11	10/09/24 17:17	1
Dibenz(a,h)anthracene	ND		51	19	ug/Kg	☼	10/08/24 09:11	10/09/24 17:17	1

Client Sample ID: T500-W-4.0

Date Collected: 10/05/24 08:55
Date Received: 10/07/24 13:00

Lab Sample ID: 240-212566-13

Matrix: Solid
Percent Solids: 77.9

Method: SW846 8270E - Semivolatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Dibenzofuran	ND		130	37	ug/Kg	☼	10/08/24 09:11	10/09/24 17:17	1
Diethyl phthalate	ND		190	55	ug/Kg	☼	10/08/24 09:11	10/09/24 17:17	1
Dimethyl phthalate	ND		190	51	ug/Kg	☼	10/08/24 09:11	10/09/24 17:17	1
Di-n-butyl phthalate	ND		190	65	ug/Kg	☼	10/08/24 09:11	10/09/24 17:17	1
Di-n-octyl phthalate	ND		190	64	ug/Kg	☼	10/08/24 09:11	10/09/24 17:17	1
Fluoranthene	**110**		51	18	ug/Kg	☼	10/08/24 09:11	10/09/24 17:17	1
Fluorene	ND		51	18	ug/Kg	☼	10/08/24 09:11	10/09/24 17:17	1
Hexachlorobenzene	ND		51	18	ug/Kg	☼	10/08/24 09:11	10/09/24 17:17	1
Hexachlorobutadiene	ND		130	27	ug/Kg	☼	10/08/24 09:11	10/09/24 17:17	1
Hexachlorocyclopentadiene	ND	*-	420	50	ug/Kg	☼	10/08/24 09:11	10/09/24 17:17	1
Hexachloroethane	ND		130	41	ug/Kg	☼	10/08/24 09:11	10/09/24 17:17	1
Indeno[1,2,3-cd]pyrene	**51**		51	15	ug/Kg	☼	10/08/24 09:11	10/09/24 17:17	1
Isophorone	ND		130	33	ug/Kg	☼	10/08/24 09:11	10/09/24 17:17	1
N-Nitrosodi-n-propylamine	ND		130	47	ug/Kg	☼	10/08/24 09:11	10/09/24 17:17	1
N-Nitrosodiphenylamine	ND		130	35	ug/Kg	☼	10/08/24 09:11	10/09/24 17:17	1
Naphthalene	ND		51	17	ug/Kg	☼	10/08/24 09:11	10/09/24 17:17	1
Nitrobenzene	ND		130	28	ug/Kg	☼	10/08/24 09:11	10/09/24 17:17	1
Pentachlorophenol	ND		350	130	ug/Kg	☼	10/08/24 09:11	10/09/24 17:17	1
Phenanthrene	**40**	**J**	51	17	ug/Kg	☼	10/08/24 09:11	10/09/24 17:17	1
Phenol	ND		130	49	ug/Kg	☼	10/08/24 09:11	10/09/24 17:17	1
Pyrene	**85**		51	21	ug/Kg	☼	10/08/24 09:11	10/09/24 17:17	1
3 & 4 Methylphenol	ND		510	53	ug/Kg	☼	10/08/24 09:11	10/09/24 17:17	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Terphenyl-d14 (Surr)	*68*		*37 - 120*	*10/08/24 09:11*	*10/09/24 17:17*	*1*
Phenol-d5 (Surr)	*63*		*29 - 120*	*10/08/24 09:11*	*10/09/24 17:17*	*1*
Nitrobenzene-d5 (Surr)	*55*		*28 - 120*	*10/08/24 09:11*	*10/09/24 17:17*	*1*
2-Fluorophenol (Surr)	*66*		*26 - 120*	*10/08/24 09:11*	*10/09/24 17:17*	*1*
2-Fluorobiphenyl (Surr)	*63*		*36 - 120*	*10/08/24 09:11*	*10/09/24 17:17*	*1*
2,4,6-Tribromophenol (Surr)	*65*		*10 - 120*	*10/08/24 09:11*	*10/09/24 17:17*	*1*

Method: SW846 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aroclor-1016	ND		61	31	ug/Kg	☼	10/08/24 09:17	10/09/24 14:02	1
Aroclor-1221	ND		61	37	ug/Kg	☼	10/08/24 09:17	10/09/24 14:02	1
Aroclor-1232	ND		61	26	ug/Kg	☼	10/08/24 09:17	10/09/24 14:02	1
Aroclor-1242	ND		61	23	ug/Kg	☼	10/08/24 09:17	10/09/24 14:02	1
Aroclor-1248	ND		61	21	ug/Kg	☼	10/08/24 09:17	10/09/24 14:02	1
Aroclor-1254	ND		61	26	ug/Kg	☼	10/08/24 09:17	10/09/24 14:02	1
Aroclor-1260	ND		61	26	ug/Kg	☼	10/08/24 09:17	10/09/24 14:02	1
Aroclor-1262	ND		61	27	ug/Kg	☼	10/08/24 09:17	10/09/24 14:02	1
Aroclor-1268	ND		61	20	ug/Kg	☼	10/08/24 09:17	10/09/24 14:02	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Tetrachloro-m-xylene	*73*		*10 - 149*	*10/08/24 09:17*	*10/09/24 14:02*	*1*
DCB Decachlorobiphenyl	*85*		*10 - 174*	*10/08/24 09:17*	*10/09/24 14:02*	*1*

Method: SW846 6010D - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	**11**		1.9	0.40	mg/Kg	☼	10/08/24 13:00	10/09/24 17:17	1

Client: August Mack Environmental, Inc.
Project/Site: MSC Canfield - Soil

Job ID: 240-212566-1

Client Sample ID: T500-W-4.0
Date Collected: 10/05/24 08:55
Date Received: 10/07/24 13:00

Lab Sample ID: 240-212566-13
Matrix: Solid
Percent Solids: 77.9

Method: SW846 6010D - Metals (ICP) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Barium	**62**		25	0.16	mg/Kg	☼	10/08/24 13:00	10/09/24 17:17	1
Cadmium	ND		0.63	0.060	mg/Kg	☼	10/08/24 13:00	10/09/24 17:17	1
Chromium	**16**		1.3	0.43	mg/Kg	☼	10/08/24 13:00	10/09/24 17:17	1
Copper	**17**		3.1	0.88	mg/Kg	☼	10/08/24 13:00	10/09/24 17:17	1
Lead	**12**		1.3	0.35	mg/Kg	☼	10/08/24 13:00	10/09/24 17:17	1
Selenium	ND		2.5	0.59	mg/Kg	☼	10/08/24 13:00	10/09/24 17:17	1
Silver	ND		1.3	0.10	mg/Kg	☼	10/08/24 13:00	10/09/24 17:17	1
Zinc	**130**		6.3	4.6	mg/Kg	☼	10/08/24 13:00	10/09/24 17:17	1

Method: SW846 7471B - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	**0.070**	**J B**	0.12	0.022	mg/Kg	☼	10/08/24 13:00	10/09/24 10:13	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cyanide, Total (SW846 9012B)	**14**		0.64	0.51	mg/Kg	☼	10/10/24 11:02	10/10/24 17:08	1

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Solids (EPA Moisture)	**77.9**		0.1	0.1	%			10/08/24 13:25	1
Percent Moisture (EPA Moisture)	**22.1**		0.1	0.1	%			10/08/24 13:25	1

Client: August Mack Environmental, Inc.
Project/Site: MSC Canfield - Soil

Job ID: 240-212566-1

Client Sample ID: T625-E-2.0
Date Collected: 10/05/24 09:30
Date Received: 10/07/24 13:00

Lab Sample ID: 240-212566-14
Matrix: Solid
Percent Solids: 78.1

Method: SW846 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		6.3	2.2	ug/Kg	☼	10/07/24 19:59	10/08/24 02:11	1
1,1,2,2-Tetrachloroethane	ND		6.3	1.8	ug/Kg	☼	10/07/24 19:59	10/08/24 02:11	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		6.3	1.6	ug/Kg	☼	10/07/24 19:59	10/08/24 02:11	1
1,1,2-Trichloroethane	ND		6.3	1.4	ug/Kg	☼	10/07/24 19:59	10/08/24 02:11	1
1,1-Dichloroethane	ND		6.3	1.8	ug/Kg	☼	10/07/24 19:59	10/08/24 02:11	1
1,1-Dichloroethene	ND		6.3	2.3	ug/Kg	☼	10/07/24 19:59	10/08/24 02:11	1
1,2,4-Trichlorobenzene	ND		6.3	3.1	ug/Kg	☼	10/07/24 19:59	10/08/24 02:11	1
1,2-Dibromo-3-Chloropropane	ND		13	4.5	ug/Kg	☼	10/07/24 19:59	10/08/24 02:11	1
Ethylene Dibromide	ND		6.3	0.97	ug/Kg	☼	10/07/24 19:59	10/08/24 02:11	1
1,2-Dichlorobenzene	ND		6.3	1.4	ug/Kg	☼	10/07/24 19:59	10/08/24 02:11	1
1,2-Dichloroethane	ND		6.3	2.3	ug/Kg	☼	10/07/24 19:59	10/08/24 02:11	1
1,2-Dichloropropane	ND		6.3	1.1	ug/Kg	☼	10/07/24 19:59	10/08/24 02:11	1
1,3-Dichlorobenzene	ND		6.3	2.1	ug/Kg	☼	10/07/24 19:59	10/08/24 02:11	1
1,4-Dichlorobenzene	ND		6.3	1.1	ug/Kg	☼	10/07/24 19:59	10/08/24 02:11	1
2-Butanone (MEK)	ND		25	4.5	ug/Kg	☼	10/07/24 19:59	10/08/24 02:11	1
2-Hexanone	ND		25	5.1	ug/Kg	☼	10/07/24 19:59	10/08/24 02:11	1
4-Methyl-2-pentanone (MIBK)	ND		25	4.7	ug/Kg	☼	10/07/24 19:59	10/08/24 02:11	1
Acetone	ND		31	26	ug/Kg	☼	10/07/24 19:59	10/08/24 02:11	1
Benzene	ND		6.3	0.88	ug/Kg	☼	10/07/24 19:59	10/08/24 02:11	1
Dichlorobromomethane	ND		6.3	1.9	ug/Kg	☼	10/07/24 19:59	10/08/24 02:11	1
Bromoform	ND		6.3	3.0	ug/Kg	☼	10/07/24 19:59	10/08/24 02:11	1
Bromomethane	ND		6.3	5.2	ug/Kg	☼	10/07/24 19:59	10/08/24 02:11	1
Carbon disulfide	ND		6.3	1.5	ug/Kg	☼	10/07/24 19:59	10/08/24 02:11	1
Carbon tetrachloride	ND		6.3	4.1	ug/Kg	☼	10/07/24 19:59	10/08/24 02:11	1
Chlorobenzene	ND		6.3	1.1	ug/Kg	☼	10/07/24 19:59	10/08/24 02:11	1
Chloroethane	ND		6.3	3.4	ug/Kg	☼	10/07/24 19:59	10/08/24 02:11	1
Chloroform	ND		6.3	0.99	ug/Kg	☼	10/07/24 19:59	10/08/24 02:11	1
Chloromethane	ND		6.3	2.9	ug/Kg	☼	10/07/24 19:59	10/08/24 02:11	1
cis-1,2-Dichloroethene	ND		6.3	1.9	ug/Kg	☼	10/07/24 19:59	10/08/24 02:11	1
cis-1,3-Dichloropropene	ND		6.3	3.6	ug/Kg	☼	10/07/24 19:59	10/08/24 02:11	1
Cyclohexane	ND		13	1.7	ug/Kg	☼	10/07/24 19:59	10/08/24 02:11	1
Chlorodibromomethane	ND		6.3	3.5	ug/Kg	☼	10/07/24 19:59	10/08/24 02:11	1
Dichlorodifluoromethane	ND		6.3	2.8	ug/Kg	☼	10/07/24 19:59	10/08/24 02:11	1
Ethylbenzene	ND		6.3	1.3	ug/Kg	☼	10/07/24 19:59	10/08/24 02:11	1
Isopropylbenzene	ND		6.3	2.4	ug/Kg	☼	10/07/24 19:59	10/08/24 02:11	1
Methyl acetate	ND		31	4.3	ug/Kg	☼	10/07/24 19:59	10/08/24 02:11	1
Methyl tert-butyl ether	ND		6.3	2.5	ug/Kg	☼	10/07/24 19:59	10/08/24 02:11	1
Methylcyclohexane	ND		13	1.5	ug/Kg	☼	10/07/24 19:59	10/08/24 02:11	1
Methylene Chloride	ND		31	15	ug/Kg	☼	10/07/24 19:59	10/08/24 02:11	1
Styrene	ND		6.3	1.5	ug/Kg	☼	10/07/24 19:59	10/08/24 02:11	1
Tetrachloroethene	ND		6.3	4.9	ug/Kg	☼	10/07/24 19:59	10/08/24 02:11	1
Toluene	ND		6.3	0.97	ug/Kg	☼	10/07/24 19:59	10/08/24 02:11	1
trans-1,2-Dichloroethene	ND		6.3	1.8	ug/Kg	☼	10/07/24 19:59	10/08/24 02:11	1
trans-1,3-Dichloropropene	ND		6.3	4.7	ug/Kg	☼	10/07/24 19:59	10/08/24 02:11	1
Trichloroethene	ND		6.3	1.8	ug/Kg	☼	10/07/24 19:59	10/08/24 02:11	1
Trichlorofluoromethane	ND		6.3	3.4	ug/Kg	☼	10/07/24 19:59	10/08/24 02:11	1
Vinyl chloride	ND		6.3	2.2	ug/Kg	☼	10/07/24 19:59	10/08/24 02:11	1
Xylenes, Total	ND		13	2.0	ug/Kg	☼	10/07/24 19:59	10/08/24 02:11	1

Client Sample ID: T625-E-2.0

Date Collected: 10/05/24 09:30
Date Received: 10/07/24 13:00

Lab Sample ID: 240-212566-14

Matrix: Solid
Percent Solids: 78.1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
Toluene-d8 (Surr)	*102*		*56 - 125*	*10/07/24 19:59*	*10/08/24 02:11*	*1*
Dibromofluoromethane (Surr)	*92*		*41 - 138*	*10/07/24 19:59*	*10/08/24 02:11*	*1*
4-Bromofluorobenzene (Surr)	*103*		*41 - 143*	*10/07/24 19:59*	*10/08/24 02:11*	*1*
1,2-Dichloroethane-d4 (Surr)	*105*		*58 - 125*	*10/07/24 19:59*	*10/08/24 02:11*	*1*

Method: SW846 8270E - Semivolatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1'-Biphenyl	ND		130	36	ug/Kg	☼	10/08/24 09:11	10/09/24 17:41	1
bis (2-chloroisopropyl) ether	ND		130	33	ug/Kg	☼	10/08/24 09:11	10/09/24 17:41	1
2,4,5-Trichlorophenol	ND		190	42	ug/Kg	☼	10/08/24 09:11	10/09/24 17:41	1
2,4,6-Trichlorophenol	ND		190	37	ug/Kg	☼	10/08/24 09:11	10/09/24 17:41	1
2,4-Dichlorophenol	ND		190	34	ug/Kg	☼	10/08/24 09:11	10/09/24 17:41	1
2,4-Dimethylphenol	ND		190	46	ug/Kg	☼	10/08/24 09:11	10/09/24 17:41	1
2,4-Dinitrophenol	ND		420	220	ug/Kg	☼	10/08/24 09:11	10/09/24 17:41	1
2,4-Dinitrotoluene	ND		260	29	ug/Kg	☼	10/08/24 09:11	10/09/24 17:41	1
2,6-Dinitrotoluene	ND		260	46	ug/Kg	☼	10/08/24 09:11	10/09/24 17:41	1
2-Chloronaphthalene	ND		130	36	ug/Kg	☼	10/08/24 09:11	10/09/24 17:41	1
2-Chlorophenol	ND		130	33	ug/Kg	☼	10/08/24 09:11	10/09/24 17:41	1
2-Methylnaphthalene	**37**	**J**	51	17	ug/Kg	☼	10/08/24 09:11	10/09/24 17:41	1
2-Methylphenol	ND		260	52	ug/Kg	☼	10/08/24 09:11	10/09/24 17:41	1
2-Nitroaniline	ND		260	48	ug/Kg	☼	10/08/24 09:11	10/09/24 17:41	1
2-Nitrophenol	ND		130	45	ug/Kg	☼	10/08/24 09:11	10/09/24 17:41	1
3,3'-Dichlorobenzidine	ND		190	120	ug/Kg	☼	10/08/24 09:11	10/09/24 17:41	1
3-Nitroaniline	ND		260	45	ug/Kg	☼	10/08/24 09:11	10/09/24 17:41	1
4,6-Dinitro-2-methylphenol	ND		420	130	ug/Kg	☼	10/08/24 09:11	10/09/24 17:41	1
4-Bromophenyl phenyl ether	ND		130	41	ug/Kg	☼	10/08/24 09:11	10/09/24 17:41	1
4-Chloro-3-methylphenol	ND		190	48	ug/Kg	☼	10/08/24 09:11	10/09/24 17:41	1
4-Chloroaniline	ND		190	20	ug/Kg	☼	10/08/24 09:11	10/09/24 17:41	1
4-Chlorophenyl phenyl ether	ND		130	36	ug/Kg	☼	10/08/24 09:11	10/09/24 17:41	1
4-Nitroaniline	ND		260	33	ug/Kg	☼	10/08/24 09:11	10/09/24 17:41	1
4-Nitrophenol	ND		420	110	ug/Kg	☼	10/08/24 09:11	10/09/24 17:41	1
Acenaphthene	ND		51	18	ug/Kg	☼	10/08/24 09:11	10/09/24 17:41	1
Acenaphthylene	ND		51	19	ug/Kg	☼	10/08/24 09:11	10/09/24 17:41	1
Acetophenone	ND		130	32	ug/Kg	☼	10/08/24 09:11	10/09/24 17:41	1
Anthracene	ND		51	15	ug/Kg	☼	10/08/24 09:11	10/09/24 17:41	1
Atrazine	ND		420	88	ug/Kg	☼	10/08/24 09:11	10/09/24 17:41	1
Benzaldehyde	ND		420	71	ug/Kg	☼	10/08/24 09:11	10/09/24 17:41	1
Benzo[a]anthracene	**39**	**J**	51	19	ug/Kg	☼	10/08/24 09:11	10/09/24 17:41	1
Benzo[a]pyrene	**33**	**J**	51	18	ug/Kg	☼	10/08/24 09:11	10/09/24 17:41	1
Benzo[b]fluoranthene	**60**		51	15	ug/Kg	☼	10/08/24 09:11	10/09/24 17:41	1
Benzo[g,h,i]perylene	**35**	**J**	51	34	ug/Kg	☼	10/08/24 09:11	10/09/24 17:41	1
Benzo[k]fluoranthene	**23**	**J**	51	13	ug/Kg	☼	10/08/24 09:11	10/09/24 17:41	1
Bis(2-chloroethoxy)methane	ND		130	26	ug/Kg	☼	10/08/24 09:11	10/09/24 17:41	1
Bis(2-chloroethyl)ether	ND		130	28	ug/Kg	☼	10/08/24 09:11	10/09/24 17:41	1
Bis(2-ethylhexyl) phthalate	ND		190	71	ug/Kg	☼	10/08/24 09:11	10/09/24 17:41	1
Butyl benzyl phthalate	ND		190	65	ug/Kg	☼	10/08/24 09:11	10/09/24 17:41	1
Caprolactam	ND		420	88	ug/Kg	☼	10/08/24 09:11	10/09/24 17:41	1
Carbazole	ND		130	34	ug/Kg	☼	10/08/24 09:11	10/09/24 17:41	1
Chrysene	**48**	**J**	51	18	ug/Kg	☼	10/08/24 09:11	10/09/24 17:41	1
Dibenz(a,h)anthracene	ND		51	19	ug/Kg	☼	10/08/24 09:11	10/09/24 17:41	1

Client Sample ID: T625-E-2.0

Date Collected: 10/05/24 09:30
Date Received: 10/07/24 13:00

Lab Sample ID: 240-212566-14

Matrix: Solid
Percent Solids: 78.1

Method: SW846 8270E - Semivolatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Dibenzofuran	ND		130	37	ug/Kg	☼	10/08/24 09:11	10/09/24 17:41	1
Diethyl phthalate	ND		190	55	ug/Kg	☼	10/08/24 09:11	10/09/24 17:41	1
Dimethyl phthalate	ND		190	51	ug/Kg	☼	10/08/24 09:11	10/09/24 17:41	1
Di-n-butyl phthalate	ND		190	65	ug/Kg	☼	10/08/24 09:11	10/09/24 17:41	1
Di-n-octyl phthalate	ND		190	64	ug/Kg	☼	10/08/24 09:11	10/09/24 17:41	1
Fluoranthene	**74**		51	18	ug/Kg	☼	10/08/24 09:11	10/09/24 17:41	1
Fluorene	ND		51	18	ug/Kg	☼	10/08/24 09:11	10/09/24 17:41	1
Hexachlorobenzene	ND		51	18	ug/Kg	☼	10/08/24 09:11	10/09/24 17:41	1
Hexachlorobutadiene	ND		130	27	ug/Kg	☼	10/08/24 09:11	10/09/24 17:41	1
Hexachlorocyclopentadiene	ND	*-	420	50	ug/Kg	☼	10/08/24 09:11	10/09/24 17:41	1
Hexachloroethane	ND		130	41	ug/Kg	☼	10/08/24 09:11	10/09/24 17:41	1
Indeno[1,2,3-cd]pyrene	**25**	**J**	51	15	ug/Kg	☼	10/08/24 09:11	10/09/24 17:41	1
Isophorone	ND		130	33	ug/Kg	☼	10/08/24 09:11	10/09/24 17:41	1
N-Nitrosodi-n-propylamine	ND		130	47	ug/Kg	☼	10/08/24 09:11	10/09/24 17:41	1
N-Nitrosodiphenylamine	ND		130	34	ug/Kg	☼	10/08/24 09:11	10/09/24 17:41	1
Naphthalene	**25**	**J**	51	17	ug/Kg	☼	10/08/24 09:11	10/09/24 17:41	1
Nitrobenzene	ND		130	28	ug/Kg	☼	10/08/24 09:11	10/09/24 17:41	1
Pentachlorophenol	ND		340	130	ug/Kg	☼	10/08/24 09:11	10/09/24 17:41	1
Phenanthrene	**52**		51	17	ug/Kg	☼	10/08/24 09:11	10/09/24 17:41	1
Phenol	ND		130	48	ug/Kg	☼	10/08/24 09:11	10/09/24 17:41	1
Pyrene	**66**		51	20	ug/Kg	☼	10/08/24 09:11	10/09/24 17:41	1
3 & 4 Methylphenol	ND		510	52	ug/Kg	☼	10/08/24 09:11	10/09/24 17:41	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Terphenyl-d14 (Surr)	*68*		*37 - 120*	*10/08/24 09:11*	*10/09/24 17:41*	*1*
Phenol-d5 (Surr)	*67*		*29 - 120*	*10/08/24 09:11*	*10/09/24 17:41*	*1*
Nitrobenzene-d5 (Surr)	*63*		*28 - 120*	*10/08/24 09:11*	*10/09/24 17:41*	*1*
2-Fluorophenol (Surr)	*66*		*26 - 120*	*10/08/24 09:11*	*10/09/24 17:41*	*1*
2-Fluorobiphenyl (Surr)	*67*		*36 - 120*	*10/08/24 09:11*	*10/09/24 17:41*	*1*
2,4,6-Tribromophenol (Surr)	*79*		*10 - 120*	*10/08/24 09:11*	*10/09/24 17:41*	*1*

Method: SW846 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aroclor-1016	ND		62	31	ug/Kg	☼	10/08/24 09:17	10/09/24 14:16	1
Aroclor-1221	ND		62	37	ug/Kg	☼	10/08/24 09:17	10/09/24 14:16	1
Aroclor-1232	ND		62	26	ug/Kg	☼	10/08/24 09:17	10/09/24 14:16	1
Aroclor-1242	ND		62	24	ug/Kg	☼	10/08/24 09:17	10/09/24 14:16	1
Aroclor-1248	ND		62	21	ug/Kg	☼	10/08/24 09:17	10/09/24 14:16	1
Aroclor-1254	**26**	**J**	62	26	ug/Kg	☼	10/08/24 09:17	10/09/24 14:16	1
Aroclor-1260	ND		62	26	ug/Kg	☼	10/08/24 09:17	10/09/24 14:16	1
Aroclor-1262	ND		62	27	ug/Kg	☼	10/08/24 09:17	10/09/24 14:16	1
Aroclor-1268	ND		62	20	ug/Kg	☼	10/08/24 09:17	10/09/24 14:16	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Tetrachloro-m-xylene	*81*		*10 - 149*	*10/08/24 09:17*	*10/09/24 14:16*	*1*
DCB Decachlorobiphenyl	*101*		*10 - 174*	*10/08/24 09:17*	*10/09/24 14:16*	*1*

Method: SW846 6010D - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	**14**		1.5	0.31	mg/Kg	☼	10/08/24 13:00	10/09/24 17:22	1

Client: August Mack Environmental, Inc.
Project/Site: MSC Canfield - Soil

Job ID: 240-212566-1

Client Sample ID: T625-E-2.0
Date Collected: 10/05/24 09:30
Date Received: 10/07/24 13:00

Lab Sample ID: 240-212566-14
Matrix: Solid
Percent Solids: 78.1

Method: SW846 6010D - Metals (ICP) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Barium	64		19	0.12	mg/Kg	☼	10/08/24 13:00	10/09/24 17:22	1
Cadmium	0.16	J	0.48	0.047	mg/Kg	☼	10/08/24 13:00	10/09/24 17:22	1
Chromium	16		0.97	0.33	mg/Kg	☼	10/08/24 13:00	10/09/24 17:22	1
Copper	23		2.4	0.68	mg/Kg	☼	10/08/24 13:00	10/09/24 17:22	1
Lead	20		0.97	0.27	mg/Kg	☼	10/08/24 13:00	10/09/24 17:22	1
Selenium	0.55	J	1.9	0.45	mg/Kg	☼	10/08/24 13:00	10/09/24 17:22	1
Silver	ND		0.97	0.079	mg/Kg	☼	10/08/24 13:00	10/09/24 17:22	1
Zinc	230		4.8	3.5	mg/Kg	☼	10/08/24 13:00	10/09/24 17:22	1

Method: SW846 7471B - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.083	J B	0.14	0.026	mg/Kg	☼	10/08/24 13:00	10/09/24 10:15	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cyanide, Total (SW846 9012B)	40		17	14	mg/Kg	☼	10/10/24 11:02	10/10/24 16:02	25

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Solids (EPA Moisture)	78.1		0.1	0.1	%			10/08/24 13:25	1
Percent Moisture (EPA Moisture)	21.9		0.1	0.1	%			10/08/24 13:25	1

Client: August Mack Environmental, Inc.
Project/Site: MSC Canfield - Soil

Job ID: 240-212566-1

Client Sample ID: T625-E-4.0
Date Collected: 10/05/24 09:45
Date Received: 10/07/24 13:00

Lab Sample ID: 240-212566-15
Matrix: Solid
Percent Solids: 79.5

Method: SW846 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		6.2	2.2	ug/Kg	☼	10/07/24 19:59	10/08/24 02:35	1
1,1,2,2-Tetrachloroethane	ND		6.2	1.8	ug/Kg	☼	10/07/24 19:59	10/08/24 02:35	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		6.2	1.6	ug/Kg	☼	10/07/24 19:59	10/08/24 02:35	1
1,1,2-Trichloroethane	ND		6.2	1.4	ug/Kg	☼	10/07/24 19:59	10/08/24 02:35	1
1,1-Dichloroethane	ND		6.2	1.8	ug/Kg	☼	10/07/24 19:59	10/08/24 02:35	1
1,1-Dichloroethene	ND		6.2	2.3	ug/Kg	☼	10/07/24 19:59	10/08/24 02:35	1
1,2,4-Trichlorobenzene	ND		6.2	3.1	ug/Kg	☼	10/07/24 19:59	10/08/24 02:35	1
1,2-Dibromo-3-Chloropropane	ND		12	4.5	ug/Kg	☼	10/07/24 19:59	10/08/24 02:35	1
Ethylene Dibromide	ND		6.2	0.96	ug/Kg	☼	10/07/24 19:59	10/08/24 02:35	1
1,2-Dichlorobenzene	ND		6.2	1.4	ug/Kg	☼	10/07/24 19:59	10/08/24 02:35	1
1,2-Dichloroethane	ND		6.2	2.2	ug/Kg	☼	10/07/24 19:59	10/08/24 02:35	1
1,2-Dichloropropane	ND		6.2	1.1	ug/Kg	☼	10/07/24 19:59	10/08/24 02:35	1
1,3-Dichlorobenzene	ND		6.2	2.1	ug/Kg	☼	10/07/24 19:59	10/08/24 02:35	1
1,4-Dichlorobenzene	ND		6.2	1.1	ug/Kg	☼	10/07/24 19:59	10/08/24 02:35	1
2-Butanone (MEK)	**6.9**	**J**	25	4.4	ug/Kg	☼	10/07/24 19:59	10/08/24 02:35	1
2-Hexanone	ND		25	5.1	ug/Kg	☼	10/07/24 19:59	10/08/24 02:35	1
4-Methyl-2-pentanone (MIBK)	ND		25	4.6	ug/Kg	☼	10/07/24 19:59	10/08/24 02:35	1
Acetone	**33**		31	26	ug/Kg	☼	10/07/24 19:59	10/08/24 02:35	1
Benzene	ND		6.2	0.87	ug/Kg	☼	10/07/24 19:59	10/08/24 02:35	1
Dichlorobromomethane	ND		6.2	1.9	ug/Kg	☼	10/07/24 19:59	10/08/24 02:35	1
Bromoform	ND		6.2	3.0	ug/Kg	☼	10/07/24 19:59	10/08/24 02:35	1
Bromomethane	ND		6.2	5.2	ug/Kg	☼	10/07/24 19:59	10/08/24 02:35	1
Carbon disulfide	ND		6.2	1.4	ug/Kg	☼	10/07/24 19:59	10/08/24 02:35	1
Carbon tetrachloride	ND		6.2	4.1	ug/Kg	☼	10/07/24 19:59	10/08/24 02:35	1
Chlorobenzene	ND		6.2	1.1	ug/Kg	☼	10/07/24 19:59	10/08/24 02:35	1
Chloroethane	ND		6.2	3.4	ug/Kg	☼	10/07/24 19:59	10/08/24 02:35	1
Chloroform	ND		6.2	0.98	ug/Kg	☼	10/07/24 19:59	10/08/24 02:35	1
Chloromethane	ND		6.2	2.8	ug/Kg	☼	10/07/24 19:59	10/08/24 02:35	1
cis-1,2-Dichloroethene	ND		6.2	1.8	ug/Kg	☼	10/07/24 19:59	10/08/24 02:35	1
cis-1,3-Dichloropropene	ND		6.2	3.6	ug/Kg	☼	10/07/24 19:59	10/08/24 02:35	1
Cyclohexane	ND		12	1.7	ug/Kg	☼	10/07/24 19:59	10/08/24 02:35	1
Chlorodibromomethane	ND		6.2	3.5	ug/Kg	☼	10/07/24 19:59	10/08/24 02:35	1
Dichlorodifluoromethane	ND		6.2	2.8	ug/Kg	☼	10/07/24 19:59	10/08/24 02:35	1
Ethylbenzene	ND		6.2	1.3	ug/Kg	☼	10/07/24 19:59	10/08/24 02:35	1
Isopropylbenzene	ND		6.2	2.4	ug/Kg	☼	10/07/24 19:59	10/08/24 02:35	1
Methyl acetate	ND		31	4.2	ug/Kg	☼	10/07/24 19:59	10/08/24 02:35	1
Methyl tert-butyl ether	ND		6.2	2.5	ug/Kg	☼	10/07/24 19:59	10/08/24 02:35	1
Methylcyclohexane	ND		12	1.5	ug/Kg	☼	10/07/24 19:59	10/08/24 02:35	1
Methylene Chloride	ND		31	15	ug/Kg	☼	10/07/24 19:59	10/08/24 02:35	1
Styrene	ND		6.2	1.4	ug/Kg	☼	10/07/24 19:59	10/08/24 02:35	1
Tetrachloroethene	ND		6.2	4.8	ug/Kg	☼	10/07/24 19:59	10/08/24 02:35	1
Toluene	ND		6.2	0.96	ug/Kg	☼	10/07/24 19:59	10/08/24 02:35	1
trans-1,2-Dichloroethene	ND		6.2	1.8	ug/Kg	☼	10/07/24 19:59	10/08/24 02:35	1
trans-1,3-Dichloropropene	ND		6.2	4.6	ug/Kg	☼	10/07/24 19:59	10/08/24 02:35	1
Trichloroethene	ND		6.2	1.8	ug/Kg	☼	10/07/24 19:59	10/08/24 02:35	1
Trichlorofluoromethane	ND		6.2	3.4	ug/Kg	☼	10/07/24 19:59	10/08/24 02:35	1
Vinyl chloride	ND		6.2	2.2	ug/Kg	☼	10/07/24 19:59	10/08/24 02:35	1
Xylenes, Total	ND		12	2.0	ug/Kg	☼	10/07/24 19:59	10/08/24 02:35	1

Client Sample ID: T625-E-4.0

Date Collected: 10/05/24 09:45
Date Received: 10/07/24 13:00

Lab Sample ID: 240-212566-15

Matrix: Solid
Percent Solids: 79.5

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
Toluene-d8 (Surr)	*102*		*56 - 125*	*10/07/24 19:59*	*10/08/24 02:35*	*1*
Dibromofluoromethane (Surr)	*93*		*41 - 138*	*10/07/24 19:59*	*10/08/24 02:35*	*1*
4-Bromofluorobenzene (Surr)	*102*		*41 - 143*	*10/07/24 19:59*	*10/08/24 02:35*	*1*
1,2-Dichloroethane-d4 (Surr)	*102*		*58 - 125*	*10/07/24 19:59*	*10/08/24 02:35*	*1*

Method: SW846 8270E - Semivolatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1'-Biphenyl	ND		120	34	ug/Kg	☼	10/08/24 09:11	10/09/24 18:06	1
bis (2-chloroisopropyl) ether	ND		120	32	ug/Kg	☼	10/08/24 09:11	10/09/24 18:06	1
2,4,5-Trichlorophenol	ND		180	40	ug/Kg	☼	10/08/24 09:11	10/09/24 18:06	1
2,4,6-Trichlorophenol	ND		180	35	ug/Kg	☼	10/08/24 09:11	10/09/24 18:06	1
2,4-Dichlorophenol	ND		180	33	ug/Kg	☼	10/08/24 09:11	10/09/24 18:06	1
2,4-Dimethylphenol	ND		180	44	ug/Kg	☼	10/08/24 09:11	10/09/24 18:06	1
2,4-Dinitrophenol	ND		400	210	ug/Kg	☼	10/08/24 09:11	10/09/24 18:06	1
2,4-Dinitrotoluene	ND		240	28	ug/Kg	☼	10/08/24 09:11	10/09/24 18:06	1
2,6-Dinitrotoluene	ND		240	44	ug/Kg	☼	10/08/24 09:11	10/09/24 18:06	1
2-Chloronaphthalene	ND		120	34	ug/Kg	☼	10/08/24 09:11	10/09/24 18:06	1
2-Chlorophenol	ND		120	32	ug/Kg	☼	10/08/24 09:11	10/09/24 18:06	1
2-Methylnaphthalene	**47**	**J**	49	16	ug/Kg	☼	10/08/24 09:11	10/09/24 18:06	1
2-Methylphenol	ND		240	50	ug/Kg	☼	10/08/24 09:11	10/09/24 18:06	1
2-Nitroaniline	ND		240	46	ug/Kg	☼	10/08/24 09:11	10/09/24 18:06	1
2-Nitrophenol	ND		120	43	ug/Kg	☼	10/08/24 09:11	10/09/24 18:06	1
3,3'-Dichlorobenzidine	ND		180	120	ug/Kg	☼	10/08/24 09:11	10/09/24 18:06	1
3-Nitroaniline	ND		240	43	ug/Kg	☼	10/08/24 09:11	10/09/24 18:06	1
4,6-Dinitro-2-methylphenol	ND		400	130	ug/Kg	☼	10/08/24 09:11	10/09/24 18:06	1
4-Bromophenyl phenyl ether	ND		120	39	ug/Kg	☼	10/08/24 09:11	10/09/24 18:06	1
4-Chloro-3-methylphenol	ND		180	46	ug/Kg	☼	10/08/24 09:11	10/09/24 18:06	1
4-Chloroaniline	ND		180	19	ug/Kg	☼	10/08/24 09:11	10/09/24 18:06	1
4-Chlorophenyl phenyl ether	ND		120	34	ug/Kg	☼	10/08/24 09:11	10/09/24 18:06	1
4-Nitroaniline	ND		240	32	ug/Kg	☼	10/08/24 09:11	10/09/24 18:06	1
4-Nitrophenol	ND		400	110	ug/Kg	☼	10/08/24 09:11	10/09/24 18:06	1
Acenaphthene	ND		49	17	ug/Kg	☼	10/08/24 09:11	10/09/24 18:06	1
Acenaphthylene	ND		49	18	ug/Kg	☼	10/08/24 09:11	10/09/24 18:06	1
Acetophenone	ND		120	30	ug/Kg	☼	10/08/24 09:11	10/09/24 18:06	1
Anthracene	ND		49	15	ug/Kg	☼	10/08/24 09:11	10/09/24 18:06	1
Atrazine	ND		400	84	ug/Kg	☼	10/08/24 09:11	10/09/24 18:06	1
Benzaldehyde	ND		400	68	ug/Kg	☼	10/08/24 09:11	10/09/24 18:06	1
Benzo[a]anthracene	**18**	**J**	49	18	ug/Kg	☼	10/08/24 09:11	10/09/24 18:06	1
Benzo[a]pyrene	**19**	**J**	49	17	ug/Kg	☼	10/08/24 09:11	10/09/24 18:06	1
Benzo[b]fluoranthene	**30**	**J**	49	15	ug/Kg	☼	10/08/24 09:11	10/09/24 18:06	1
Benzo[g,h,i]perylene	ND		49	33	ug/Kg	☼	10/08/24 09:11	10/09/24 18:06	1
Benzo[k]fluoranthene	**14**	**J**	49	12	ug/Kg	☼	10/08/24 09:11	10/09/24 18:06	1
Bis(2-chloroethoxy)methane	ND		120	24	ug/Kg	☼	10/08/24 09:11	10/09/24 18:06	1
Bis(2-chloroethyl)ether	ND		120	27	ug/Kg	☼	10/08/24 09:11	10/09/24 18:06	1
Bis(2-ethylhexyl) phthalate	ND		180	68	ug/Kg	☼	10/08/24 09:11	10/09/24 18:06	1
Butyl benzyl phthalate	ND		180	62	ug/Kg	☼	10/08/24 09:11	10/09/24 18:06	1
Caprolactam	ND		400	84	ug/Kg	☼	10/08/24 09:11	10/09/24 18:06	1
Carbazole	ND		120	33	ug/Kg	☼	10/08/24 09:11	10/09/24 18:06	1
Chrysene	**33**	**J**	49	17	ug/Kg	☼	10/08/24 09:11	10/09/24 18:06	1
Dibenz(a,h)anthracene	ND		49	18	ug/Kg	☼	10/08/24 09:11	10/09/24 18:06	1

Client Sample ID: T625-E-4.0

Date Collected: 10/05/24 09:45
Date Received: 10/07/24 13:00

Lab Sample ID: 240-212566-15

Matrix: Solid
Percent Solids: 79.5

Method: SW846 8270E - Semivolatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Dibenzofuran	ND		120	35	ug/Kg	☼	10/08/24 09:11	10/09/24 18:06	1
Diethyl phthalate	ND		180	52	ug/Kg	☼	10/08/24 09:11	10/09/24 18:06	1
Dimethyl phthalate	ND		180	49	ug/Kg	☼	10/08/24 09:11	10/09/24 18:06	1
Di-n-butyl phthalate	ND		180	62	ug/Kg	☼	10/08/24 09:11	10/09/24 18:06	1
Di-n-octyl phthalate	ND		180	61	ug/Kg	☼	10/08/24 09:11	10/09/24 18:06	1
Fluoranthene	**44**	**J**	49	17	ug/Kg	☼	10/08/24 09:11	10/09/24 18:06	1
Fluorene	ND		49	17	ug/Kg	☼	10/08/24 09:11	10/09/24 18:06	1
Hexachlorobenzene	ND		49	17	ug/Kg	☼	10/08/24 09:11	10/09/24 18:06	1
Hexachlorobutadiene	ND		120	26	ug/Kg	☼	10/08/24 09:11	10/09/24 18:06	1
Hexachlorocyclopentadiene	ND	*-	400	48	ug/Kg	☼	10/08/24 09:11	10/09/24 18:06	1
Hexachloroethane	ND		120	39	ug/Kg	☼	10/08/24 09:11	10/09/24 18:06	1
Indeno[1,2,3-cd]pyrene	ND		49	15	ug/Kg	☼	10/08/24 09:11	10/09/24 18:06	1
Isophorone	ND		120	32	ug/Kg	☼	10/08/24 09:11	10/09/24 18:06	1
N-Nitrosodi-n-propylamine	ND		120	45	ug/Kg	☼	10/08/24 09:11	10/09/24 18:06	1
N-Nitrosodiphenylamine	ND		120	33	ug/Kg	☼	10/08/24 09:11	10/09/24 18:06	1
Naphthalene	**35**	**J**	49	16	ug/Kg	☼	10/08/24 09:11	10/09/24 18:06	1
Nitrobenzene	ND		120	27	ug/Kg	☼	10/08/24 09:11	10/09/24 18:06	1
Pentachlorophenol	ND		330	130	ug/Kg	☼	10/08/24 09:11	10/09/24 18:06	1
Phenanthrene	**40**	**J**	49	16	ug/Kg	☼	10/08/24 09:11	10/09/24 18:06	1
Phenol	ND		120	46	ug/Kg	☼	10/08/24 09:11	10/09/24 18:06	1
Pyrene	**34**	**J**	49	19	ug/Kg	☼	10/08/24 09:11	10/09/24 18:06	1
3 & 4 Methylphenol	ND		490	50	ug/Kg	☼	10/08/24 09:11	10/09/24 18:06	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Terphenyl-d14 (Surr)	*68*		*37 - 120*	*10/08/24 09:11*	*10/09/24 18:06*	*1*
Phenol-d5 (Surr)	*65*		*29 - 120*	*10/08/24 09:11*	*10/09/24 18:06*	*1*
Nitrobenzene-d5 (Surr)	*53*		*28 - 120*	*10/08/24 09:11*	*10/09/24 18:06*	*1*
2-Fluorophenol (Surr)	*66*		*26 - 120*	*10/08/24 09:11*	*10/09/24 18:06*	*1*
2-Fluorobiphenyl (Surr)	*68*		*36 - 120*	*10/08/24 09:11*	*10/09/24 18:06*	*1*
2,4,6-Tribromophenol (Surr)	*69*		*10 - 120*	*10/08/24 09:11*	*10/09/24 18:06*	*1*

Method: SW846 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aroclor-1016	ND		60	30	ug/Kg	☼	10/08/24 09:17	10/09/24 14:30	1
Aroclor-1221	ND		60	36	ug/Kg	☼	10/08/24 09:17	10/09/24 14:30	1
Aroclor-1232	ND		60	25	ug/Kg	☼	10/08/24 09:17	10/09/24 14:30	1
Aroclor-1242	ND		60	23	ug/Kg	☼	10/08/24 09:17	10/09/24 14:30	1
Aroclor-1248	ND		60	21	ug/Kg	☼	10/08/24 09:17	10/09/24 14:30	1
Aroclor-1254	ND		60	25	ug/Kg	☼	10/08/24 09:17	10/09/24 14:30	1
Aroclor-1260	ND		60	25	ug/Kg	☼	10/08/24 09:17	10/09/24 14:30	1
Aroclor-1262	ND		60	27	ug/Kg	☼	10/08/24 09:17	10/09/24 14:30	1
Aroclor-1268	ND		60	19	ug/Kg	☼	10/08/24 09:17	10/09/24 14:30	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Tetrachloro-m-xylene	*78*		*10 - 149*	*10/08/24 09:17*	*10/09/24 14:30*	*1*
DCB Decachlorobiphenyl	*94*		*10 - 174*	*10/08/24 09:17*	*10/09/24 14:30*	*1*

Method: SW846 6010D - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	**15**		1.6	0.33	mg/Kg	☼	10/08/24 13:00	10/09/24 17:40	1

Client Sample ID: T625-E-4.0

Date Collected: 10/05/24 09:45
Date Received: 10/07/24 13:00

Lab Sample ID: 240-212566-15

Matrix: Solid
Percent Solids: 79.5

Method: SW846 6010D - Metals (ICP) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Barium	61		21	0.13	mg/Kg	☼	10/08/24 13:00	10/09/24 17:40	1
Cadmium	0.13	J	0.52	0.050	mg/Kg	☼	10/08/24 13:00	10/09/24 17:40	1
Chromium	16		1.0	0.36	mg/Kg	☼	10/08/24 13:00	10/09/24 17:40	1
Copper	28		2.6	0.74	mg/Kg	☼	10/08/24 13:00	10/09/24 17:40	1
Lead	20		1.0	0.30	mg/Kg	☼	10/08/24 13:00	10/09/24 17:40	1
Selenium	ND		2.1	0.49	mg/Kg	☼	10/08/24 13:00	10/09/24 17:40	1
Silver	ND		1.0	0.085	mg/Kg	☼	10/08/24 13:00	10/09/24 17:40	1
Zinc	160		5.2	3.8	mg/Kg	☼	10/08/24 13:00	10/09/24 17:40	1

Method: SW846 7471B - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.11	J B	0.13	0.023	mg/Kg	☼	10/08/24 13:00	10/09/24 10:16	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cyanide, Total (SW846 9012B)	7.3		0.63	0.50	mg/Kg	☼	10/10/24 11:02	10/10/24 17:10	1

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Solids (EPA Moisture)	79.5		0.1	0.1	%			10/08/24 13:25	1
Percent Moisture (EPA Moisture)	20.5		0.1	0.1	%			10/08/24 13:25	1

Client: August Mack Environmental, Inc.
Project/Site: MSC Canfield - Soil

Job ID: 240-212566-1

Client Sample ID: T625-C-2.0
Date Collected: 10/05/24 10:15
Date Received: 10/07/24 13:00

Lab Sample ID: 240-212566-16
Matrix: Solid
Percent Solids: 79.0

Method: SW846 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		6.2	2.2	ug/Kg	☼	10/07/24 19:59	10/08/24 02:59	1
1,1,2,2-Tetrachloroethane	ND		6.2	1.8	ug/Kg	☼	10/07/24 19:59	10/08/24 02:59	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		6.2	1.6	ug/Kg	☼	10/07/24 19:59	10/08/24 02:59	1
1,1,2-Trichloroethane	ND		6.2	1.4	ug/Kg	☼	10/07/24 19:59	10/08/24 02:59	1
1,1-Dichloroethane	ND		6.2	1.7	ug/Kg	☼	10/07/24 19:59	10/08/24 02:59	1
1,1-Dichloroethene	ND		6.2	2.2	ug/Kg	☼	10/07/24 19:59	10/08/24 02:59	1
1,2,4-Trichlorobenzene	ND		6.2	3.1	ug/Kg	☼	10/07/24 19:59	10/08/24 02:59	1
1,2-Dibromo-3-Chloropropane	ND		12	4.4	ug/Kg	☼	10/07/24 19:59	10/08/24 02:59	1
Ethylene Dibromide	ND		6.2	0.95	ug/Kg	☼	10/07/24 19:59	10/08/24 02:59	1
1,2-Dichlorobenzene	ND		6.2	1.4	ug/Kg	☼	10/07/24 19:59	10/08/24 02:59	1
1,2-Dichloroethane	ND		6.2	2.2	ug/Kg	☼	10/07/24 19:59	10/08/24 02:59	1
1,2-Dichloropropane	ND		6.2	1.0	ug/Kg	☼	10/07/24 19:59	10/08/24 02:59	1
1,3-Dichlorobenzene	ND		6.2	2.0	ug/Kg	☼	10/07/24 19:59	10/08/24 02:59	1
1,4-Dichlorobenzene	ND		6.2	1.1	ug/Kg	☼	10/07/24 19:59	10/08/24 02:59	1
2-Butanone (MEK)	ND		25	4.4	ug/Kg	☼	10/07/24 19:59	10/08/24 02:59	1
2-Hexanone	ND		25	5.0	ug/Kg	☼	10/07/24 19:59	10/08/24 02:59	1
4-Methyl-2-pentanone (MIBK)	ND		25	4.6	ug/Kg	☼	10/07/24 19:59	10/08/24 02:59	1
Acetone	ND		31	26	ug/Kg	☼	10/07/24 19:59	10/08/24 02:59	1
Benzene	ND		6.2	0.86	ug/Kg	☼	10/07/24 19:59	10/08/24 02:59	1
Dichlorobromomethane	ND		6.2	1.8	ug/Kg	☼	10/07/24 19:59	10/08/24 02:59	1
Bromoform	ND		6.2	3.0	ug/Kg	☼	10/07/24 19:59	10/08/24 02:59	1
Bromomethane	ND		6.2	5.1	ug/Kg	☼	10/07/24 19:59	10/08/24 02:59	1
Carbon disulfide	ND		6.2	1.4	ug/Kg	☼	10/07/24 19:59	10/08/24 02:59	1
Carbon tetrachloride	ND		6.2	4.0	ug/Kg	☼	10/07/24 19:59	10/08/24 02:59	1
Chlorobenzene	ND		6.2	1.1	ug/Kg	☼	10/07/24 19:59	10/08/24 02:59	1
Chloroethane	ND		6.2	3.4	ug/Kg	☼	10/07/24 19:59	10/08/24 02:59	1
Chloroform	ND		6.2	0.97	ug/Kg	☼	10/07/24 19:59	10/08/24 02:59	1
Chloromethane	ND		6.2	2.8	ug/Kg	☼	10/07/24 19:59	10/08/24 02:59	1
cis-1,2-Dichloroethene	ND		6.2	1.8	ug/Kg	☼	10/07/24 19:59	10/08/24 02:59	1
cis-1,3-Dichloropropene	ND		6.2	3.6	ug/Kg	☼	10/07/24 19:59	10/08/24 02:59	1
Cyclohexane	ND		12	1.7	ug/Kg	☼	10/07/24 19:59	10/08/24 02:59	1
Chlorodibromomethane	ND		6.2	3.4	ug/Kg	☼	10/07/24 19:59	10/08/24 02:59	1
Dichlorodifluoromethane	ND		6.2	2.8	ug/Kg	☼	10/07/24 19:59	10/08/24 02:59	1
Ethylbenzene	ND		6.2	1.3	ug/Kg	☼	10/07/24 19:59	10/08/24 02:59	1
Isopropylbenzene	ND		6.2	2.4	ug/Kg	☼	10/07/24 19:59	10/08/24 02:59	1
Methyl acetate	ND		31	4.2	ug/Kg	☼	10/07/24 19:59	10/08/24 02:59	1
Methyl tert-butyl ether	ND		6.2	2.4	ug/Kg	☼	10/07/24 19:59	10/08/24 02:59	1
Methylcyclohexane	ND		12	1.5	ug/Kg	☼	10/07/24 19:59	10/08/24 02:59	1
Methylene Chloride	ND		31	15	ug/Kg	☼	10/07/24 19:59	10/08/24 02:59	1
Styrene	ND		6.2	1.4	ug/Kg	☼	10/07/24 19:59	10/08/24 02:59	1
Tetrachloroethene	ND		6.2	4.8	ug/Kg	☼	10/07/24 19:59	10/08/24 02:59	1
Toluene	ND		6.2	0.95	ug/Kg	☼	10/07/24 19:59	10/08/24 02:59	1
trans-1,2-Dichloroethene	ND		6.2	1.8	ug/Kg	☼	10/07/24 19:59	10/08/24 02:59	1
trans-1,3-Dichloropropene	ND		6.2	4.6	ug/Kg	☼	10/07/24 19:59	10/08/24 02:59	1
Trichloroethene	ND		6.2	1.8	ug/Kg	☼	10/07/24 19:59	10/08/24 02:59	1
Trichlorofluoromethane	ND		6.2	3.3	ug/Kg	☼	10/07/24 19:59	10/08/24 02:59	1
Vinyl chloride	ND		6.2	2.2	ug/Kg	☼	10/07/24 19:59	10/08/24 02:59	1
Xylenes, Total	ND		12	2.0	ug/Kg	☼	10/07/24 19:59	10/08/24 02:59	1

Client Sample ID: T625-C-2.0
Date Collected: 10/05/24 10:15
Date Received: 10/07/24 13:00

Lab Sample ID: 240-212566-16
Matrix: Solid
Percent Solids: 79.0

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Toluene-d8 (Surr)	*102*		*56 - 125*	*10/07/24 19:59*	*10/08/24 02:59*	*1*
Dibromofluoromethane (Surr)	*92*		*41 - 138*	*10/07/24 19:59*	*10/08/24 02:59*	*1*
4-Bromofluorobenzene (Surr)	*100*		*41 - 143*	*10/07/24 19:59*	*10/08/24 02:59*	*1*
1,2-Dichloroethane-d4 (Surr)	*103*		*58 - 125*	*10/07/24 19:59*	*10/08/24 02:59*	*1*

Method: SW846 8270E - Semivolatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1'-Biphenyl	ND		130	35	ug/Kg	☼	10/08/24 09:11	10/09/24 18:30	1
bis (2-chloroisopropyl) ether	ND		130	33	ug/Kg	☼	10/08/24 09:11	10/09/24 18:30	1
2,4,5-Trichlorophenol	ND		190	41	ug/Kg	☼	10/08/24 09:11	10/09/24 18:30	1
2,4,6-Trichlorophenol	ND		190	36	ug/Kg	☼	10/08/24 09:11	10/09/24 18:30	1
2,4-Dichlorophenol	ND		190	34	ug/Kg	☼	10/08/24 09:11	10/09/24 18:30	1
2,4-Dimethylphenol	ND		190	45	ug/Kg	☼	10/08/24 09:11	10/09/24 18:30	1
2,4-Dinitrophenol	ND		410	210	ug/Kg	☼	10/08/24 09:11	10/09/24 18:30	1
2,4-Dinitrotoluene	ND		250	29	ug/Kg	☼	10/08/24 09:11	10/09/24 18:30	1
2,6-Dinitrotoluene	ND		250	45	ug/Kg	☼	10/08/24 09:11	10/09/24 18:30	1
2-Chloronaphthalene	ND		130	35	ug/Kg	☼	10/08/24 09:11	10/09/24 18:30	1
2-Chlorophenol	ND		130	33	ug/Kg	☼	10/08/24 09:11	10/09/24 18:30	1
2-Methylnaphthalene	**16**	**J**	50	16	ug/Kg	☼	10/08/24 09:11	10/09/24 18:30	1
2-Methylphenol	ND		250	51	ug/Kg	☼	10/08/24 09:11	10/09/24 18:30	1
2-Nitroaniline	ND		250	48	ug/Kg	☼	10/08/24 09:11	10/09/24 18:30	1
2-Nitrophenol	ND		130	44	ug/Kg	☼	10/08/24 09:11	10/09/24 18:30	1
3,3'-Dichlorobenzidine	ND		190	120	ug/Kg	☼	10/08/24 09:11	10/09/24 18:30	1
3-Nitroaniline	ND		250	44	ug/Kg	☼	10/08/24 09:11	10/09/24 18:30	1
4,6-Dinitro-2-methylphenol	ND		410	130	ug/Kg	☼	10/08/24 09:11	10/09/24 18:30	1
4-Bromophenyl phenyl ether	ND		130	40	ug/Kg	☼	10/08/24 09:11	10/09/24 18:30	1
4-Chloro-3-methylphenol	ND		190	48	ug/Kg	☼	10/08/24 09:11	10/09/24 18:30	1
4-Chloroaniline	ND		190	20	ug/Kg	☼	10/08/24 09:11	10/09/24 18:30	1
4-Chlorophenyl phenyl ether	ND		130	35	ug/Kg	☼	10/08/24 09:11	10/09/24 18:30	1
4-Nitroaniline	ND		250	33	ug/Kg	☼	10/08/24 09:11	10/09/24 18:30	1
4-Nitrophenol	ND		410	110	ug/Kg	☼	10/08/24 09:11	10/09/24 18:30	1
Acenaphthene	ND		50	18	ug/Kg	☼	10/08/24 09:11	10/09/24 18:30	1
Acenaphthylene	ND		50	19	ug/Kg	☼	10/08/24 09:11	10/09/24 18:30	1
Acetophenone	ND		130	31	ug/Kg	☼	10/08/24 09:11	10/09/24 18:30	1
Anthracene	ND		50	15	ug/Kg	☼	10/08/24 09:11	10/09/24 18:30	1
Atrazine	ND		410	86	ug/Kg	☼	10/08/24 09:11	10/09/24 18:30	1
Benzaldehyde	ND		410	70	ug/Kg	☼	10/08/24 09:11	10/09/24 18:30	1
Benzo[a]anthracene	ND		50	19	ug/Kg	☼	10/08/24 09:11	10/09/24 18:30	1
Benzo[a]pyrene	ND		50	18	ug/Kg	☼	10/08/24 09:11	10/09/24 18:30	1
Benzo[b]fluoranthene	ND		50	15	ug/Kg	☼	10/08/24 09:11	10/09/24 18:30	1
Benzo[g,h,i]perylene	ND		50	34	ug/Kg	☼	10/08/24 09:11	10/09/24 18:30	1
Benzo[k]fluoranthene	ND		50	13	ug/Kg	☼	10/08/24 09:11	10/09/24 18:30	1
Bis(2-chloroethoxy)methane	ND		130	25	ug/Kg	☼	10/08/24 09:11	10/09/24 18:30	1
Bis(2-chloroethyl)ether	ND		130	28	ug/Kg	☼	10/08/24 09:11	10/09/24 18:30	1
Bis(2-ethylhexyl) phthalate	ND		190	70	ug/Kg	☼	10/08/24 09:11	10/09/24 18:30	1
Butyl benzyl phthalate	ND		190	64	ug/Kg	☼	10/08/24 09:11	10/09/24 18:30	1
Caprolactam	ND		410	86	ug/Kg	☼	10/08/24 09:11	10/09/24 18:30	1
Carbazole	ND		130	34	ug/Kg	☼	10/08/24 09:11	10/09/24 18:30	1
Chrysene	ND		50	18	ug/Kg	☼	10/08/24 09:11	10/09/24 18:30	1
Dibenz(a,h)anthracene	ND		50	19	ug/Kg	☼	10/08/24 09:11	10/09/24 18:30	1

Client Sample ID: T625-C-2.0

Date Collected: 10/05/24 10:15
Date Received: 10/07/24 13:00

Lab Sample ID: 240-212566-16

Matrix: Solid
Percent Solids: 79.0

Method: SW846 8270E - Semivolatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Dibenzofuran	ND		130	36	ug/Kg	☼	10/08/24 09:11	10/09/24 18:30	1
Diethyl phthalate	ND		190	54	ug/Kg	☼	10/08/24 09:11	10/09/24 18:30	1
Dimethyl phthalate	ND		190	50	ug/Kg	☼	10/08/24 09:11	10/09/24 18:30	1
Di-n-butyl phthalate	ND		190	64	ug/Kg	☼	10/08/24 09:11	10/09/24 18:30	1
Di-n-octyl phthalate	ND		190	63	ug/Kg	☼	10/08/24 09:11	10/09/24 18:30	1
Fluoranthene	ND		50	18	ug/Kg	☼	10/08/24 09:11	10/09/24 18:30	1
Fluorene	ND		50	18	ug/Kg	☼	10/08/24 09:11	10/09/24 18:30	1
Hexachlorobenzene	ND		50	18	ug/Kg	☼	10/08/24 09:11	10/09/24 18:30	1
Hexachlorobutadiene	ND		130	26	ug/Kg	☼	10/08/24 09:11	10/09/24 18:30	1
Hexachlorocyclopentadiene	ND	*-	410	49	ug/Kg	☼	10/08/24 09:11	10/09/24 18:30	1
Hexachloroethane	ND		130	40	ug/Kg	☼	10/08/24 09:11	10/09/24 18:30	1
Indeno[1,2,3-cd]pyrene	ND		50	15	ug/Kg	☼	10/08/24 09:11	10/09/24 18:30	1
Isophorone	ND		130	33	ug/Kg	☼	10/08/24 09:11	10/09/24 18:30	1
N-Nitrosodi-n-propylamine	ND		130	46	ug/Kg	☼	10/08/24 09:11	10/09/24 18:30	1
N-Nitrosodiphenylamine	ND		130	34	ug/Kg	☼	10/08/24 09:11	10/09/24 18:30	1
Naphthalene	ND		50	16	ug/Kg	☼	10/08/24 09:11	10/09/24 18:30	1
Nitrobenzene	ND		130	28	ug/Kg	☼	10/08/24 09:11	10/09/24 18:30	1
Pentachlorophenol	ND		340	130	ug/Kg	☼	10/08/24 09:11	10/09/24 18:30	1
Phenanthrene	ND		50	16	ug/Kg	☼	10/08/24 09:11	10/09/24 18:30	1
Phenol	ND		130	48	ug/Kg	☼	10/08/24 09:11	10/09/24 18:30	1
Pyrene	ND		50	20	ug/Kg	☼	10/08/24 09:11	10/09/24 18:30	1
3 & 4 Methylphenol	ND		500	51	ug/Kg	☼	10/08/24 09:11	10/09/24 18:30	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Terphenyl-d14 (Surr)	*76*		*37 - 120*	*10/08/24 09:11*	*10/09/24 18:30*	*1*
Phenol-d5 (Surr)	*73*		*29 - 120*	*10/08/24 09:11*	*10/09/24 18:30*	*1*
Nitrobenzene-d5 (Surr)	*67*		*28 - 120*	*10/08/24 09:11*	*10/09/24 18:30*	*1*
2-Fluorophenol (Surr)	*74*		*26 - 120*	*10/08/24 09:11*	*10/09/24 18:30*	*1*
2-Fluorobiphenyl (Surr)	*73*		*36 - 120*	*10/08/24 09:11*	*10/09/24 18:30*	*1*
2,4,6-Tribromophenol (Surr)	*65*		*10 - 120*	*10/08/24 09:11*	*10/09/24 18:30*	*1*

Method: SW846 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aroclor-1016	ND		63	32	ug/Kg	☼	10/08/24 09:17	10/09/24 14:44	1
Aroclor-1221	ND		63	38	ug/Kg	☼	10/08/24 09:17	10/09/24 14:44	1
Aroclor-1232	ND		63	27	ug/Kg	☼	10/08/24 09:17	10/09/24 14:44	1
Aroclor-1242	ND		63	24	ug/Kg	☼	10/08/24 09:17	10/09/24 14:44	1
Aroclor-1248	ND		63	22	ug/Kg	☼	10/08/24 09:17	10/09/24 14:44	1
Aroclor-1254	ND		63	27	ug/Kg	☼	10/08/24 09:17	10/09/24 14:44	1
Aroclor-1260	ND		63	27	ug/Kg	☼	10/08/24 09:17	10/09/24 14:44	1
Aroclor-1262	ND		63	28	ug/Kg	☼	10/08/24 09:17	10/09/24 14:44	1
Aroclor-1268	ND		63	20	ug/Kg	☼	10/08/24 09:17	10/09/24 14:44	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Tetrachloro-m-xylene	*75*		*10 - 149*	*10/08/24 09:17*	*10/09/24 14:44*	*1*
DCB Decachlorobiphenyl	*86*		*10 - 174*	*10/08/24 09:17*	*10/09/24 14:44*	*1*

Method: SW846 6010D - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	**14**		1.7	0.36	mg/Kg	☼	10/08/24 13:00	10/09/24 17:45	1

Client: August Mack Environmental, Inc.
Project/Site: MSC Canfield - Soil

Job ID: 240-212566-1

Client Sample ID: T625-C-2.0
Date Collected: 10/05/24 10:15
Date Received: 10/07/24 13:00

Lab Sample ID: 240-212566-16
Matrix: Solid
Percent Solids: 79.0

Method: SW846 6010D - Metals (ICP) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Barium	69		23	0.14	mg/Kg	☼	10/08/24 13:00	10/09/24 17:45	1
Cadmium	0.31	J	0.56	0.054	mg/Kg	☼	10/08/24 13:00	10/09/24 17:45	1
Chromium	16		1.1	0.39	mg/Kg	☼	10/08/24 13:00	10/09/24 17:45	1
Copper	33		2.8	0.79	mg/Kg	☼	10/08/24 13:00	10/09/24 17:45	1
Lead	25		1.1	0.32	mg/Kg	☼	10/08/24 13:00	10/09/24 17:45	1
Selenium	1.0	J	2.3	0.53	mg/Kg	☼	10/08/24 13:00	10/09/24 17:45	1
Silver	ND		1.1	0.091	mg/Kg	☼	10/08/24 13:00	10/09/24 17:45	1
Zinc	550		5.6	4.1	mg/Kg	☼	10/08/24 13:00	10/09/24 17:45	1

Method: SW846 7471B - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.072	J B	0.12	0.022	mg/Kg	☼	10/08/24 13:00	10/09/24 10:22	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cyanide, Total (SW846 9012B)	12	J	13	10	mg/Kg	☼	10/10/24 11:02	10/10/24 16:14	25

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Solids (EPA Moisture)	79.0		0.1	0.1	%			10/08/24 13:25	1
Percent Moisture (EPA Moisture)	21.0		0.1	0.1	%			10/08/24 13:25	1

Client: August Mack Environmental, Inc.
Project/Site: MSC Canfield - Soil

Job ID: 240-212566-1

Client Sample ID: T625-C-4.0
Date Collected: 10/05/24 10:30
Date Received: 10/07/24 13:00

Lab Sample ID: 240-212566-17
Matrix: Solid
Percent Solids: 81.8

Method: SW846 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		6.0	2.1	ug/Kg	☼	10/07/24 19:59	10/08/24 03:22	1
1,1,2,2-Tetrachloroethane	ND		6.0	1.7	ug/Kg	☼	10/07/24 19:59	10/08/24 03:22	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		6.0	1.5	ug/Kg	☼	10/07/24 19:59	10/08/24 03:22	1
1,1,2-Trichloroethane	ND		6.0	1.4	ug/Kg	☼	10/07/24 19:59	10/08/24 03:22	1
1,1-Dichloroethane	ND		6.0	1.7	ug/Kg	☼	10/07/24 19:59	10/08/24 03:22	1
1,1-Dichloroethene	ND		6.0	2.2	ug/Kg	☼	10/07/24 19:59	10/08/24 03:22	1
1,2,4-Trichlorobenzene	ND		6.0	3.0	ug/Kg	☼	10/07/24 19:59	10/08/24 03:22	1
1,2-Dibromo-3-Chloropropane	ND		12	4.3	ug/Kg	☼	10/07/24 19:59	10/08/24 03:22	1
Ethylene Dibromide	ND		6.0	0.93	ug/Kg	☼	10/07/24 19:59	10/08/24 03:22	1
1,2-Dichlorobenzene	ND		6.0	1.3	ug/Kg	☼	10/07/24 19:59	10/08/24 03:22	1
1,2-Dichloroethane	ND		6.0	2.2	ug/Kg	☼	10/07/24 19:59	10/08/24 03:22	1
1,2-Dichloropropane	ND		6.0	1.0	ug/Kg	☼	10/07/24 19:59	10/08/24 03:22	1
1,3-Dichlorobenzene	ND		6.0	2.0	ug/Kg	☼	10/07/24 19:59	10/08/24 03:22	1
1,4-Dichlorobenzene	ND		6.0	1.1	ug/Kg	☼	10/07/24 19:59	10/08/24 03:22	1
2-Butanone (MEK)	ND		24	4.3	ug/Kg	☼	10/07/24 19:59	10/08/24 03:22	1
2-Hexanone	ND		24	4.9	ug/Kg	☼	10/07/24 19:59	10/08/24 03:22	1
4-Methyl-2-pentanone (MIBK)	ND		24	4.5	ug/Kg	☼	10/07/24 19:59	10/08/24 03:22	1
Acetone	ND		30	25	ug/Kg	☼	10/07/24 19:59	10/08/24 03:22	1
Benzene	ND		6.0	0.84	ug/Kg	☼	10/07/24 19:59	10/08/24 03:22	1
Dichlorobromomethane	ND		6.0	1.8	ug/Kg	☼	10/07/24 19:59	10/08/24 03:22	1
Bromoform	ND		6.0	2.9	ug/Kg	☼	10/07/24 19:59	10/08/24 03:22	1
Bromomethane	ND		6.0	5.0	ug/Kg	☼	10/07/24 19:59	10/08/24 03:22	1
Carbon disulfide	ND		6.0	1.4	ug/Kg	☼	10/07/24 19:59	10/08/24 03:22	1
Carbon tetrachloride	ND		6.0	3.9	ug/Kg	☼	10/07/24 19:59	10/08/24 03:22	1
Chlorobenzene	ND		6.0	1.1	ug/Kg	☼	10/07/24 19:59	10/08/24 03:22	1
Chloroethane	ND		6.0	3.3	ug/Kg	☼	10/07/24 19:59	10/08/24 03:22	1
Chloroform	ND		6.0	0.95	ug/Kg	☼	10/07/24 19:59	10/08/24 03:22	1
Chloromethane	ND		6.0	2.7	ug/Kg	☼	10/07/24 19:59	10/08/24 03:22	1
cis-1,2-Dichloroethene	ND		6.0	1.8	ug/Kg	☼	10/07/24 19:59	10/08/24 03:22	1
cis-1,3-Dichloropropene	ND		6.0	3.5	ug/Kg	☼	10/07/24 19:59	10/08/24 03:22	1
Cyclohexane	ND		12	1.7	ug/Kg	☼	10/07/24 19:59	10/08/24 03:22	1
Chlorodibromomethane	ND		6.0	3.4	ug/Kg	☼	10/07/24 19:59	10/08/24 03:22	1
Dichlorodifluoromethane	ND		6.0	2.7	ug/Kg	☼	10/07/24 19:59	10/08/24 03:22	1
Ethylbenzene	ND		6.0	1.3	ug/Kg	☼	10/07/24 19:59	10/08/24 03:22	1
Isopropylbenzene	ND		6.0	2.3	ug/Kg	☼	10/07/24 19:59	10/08/24 03:22	1
Methyl acetate	ND		30	4.1	ug/Kg	☼	10/07/24 19:59	10/08/24 03:22	1
Methyl tert-butyl ether	ND		6.0	2.4	ug/Kg	☼	10/07/24 19:59	10/08/24 03:22	1
Methylcyclohexane	ND		12	1.5	ug/Kg	☼	10/07/24 19:59	10/08/24 03:22	1
Methylene Chloride	ND		30	14	ug/Kg	☼	10/07/24 19:59	10/08/24 03:22	1
Styrene	ND		6.0	1.4	ug/Kg	☼	10/07/24 19:59	10/08/24 03:22	1
Tetrachloroethene	ND		6.0	4.7	ug/Kg	☼	10/07/24 19:59	10/08/24 03:22	1
Toluene	ND		6.0	0.93	ug/Kg	☼	10/07/24 19:59	10/08/24 03:22	1
trans-1,2-Dichloroethene	ND		6.0	1.7	ug/Kg	☼	10/07/24 19:59	10/08/24 03:22	1
trans-1,3-Dichloropropene	ND		6.0	4.5	ug/Kg	☼	10/07/24 19:59	10/08/24 03:22	1
Trichloroethene	ND		6.0	1.7	ug/Kg	☼	10/07/24 19:59	10/08/24 03:22	1
Trichlorofluoromethane	ND		6.0	3.2	ug/Kg	☼	10/07/24 19:59	10/08/24 03:22	1
Vinyl chloride	ND		6.0	2.1	ug/Kg	☼	10/07/24 19:59	10/08/24 03:22	1
Xylenes, Total	ND		12	1.9	ug/Kg	☼	10/07/24 19:59	10/08/24 03:22	1

Client Sample ID: T625-C-4.0

Date Collected: 10/05/24 10:30
Date Received: 10/07/24 13:00

Lab Sample ID: 240-212566-17

Matrix: Solid
Percent Solids: 81.8

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Toluene-d8 (Surr)	*101*		*56 - 125*	*10/07/24 19:59*	*10/08/24 03:22*	*1*
Dibromofluoromethane (Surr)	*91*		*41 - 138*	*10/07/24 19:59*	*10/08/24 03:22*	*1*
4-Bromofluorobenzene (Surr)	*100*		*41 - 143*	*10/07/24 19:59*	*10/08/24 03:22*	*1*
1,2-Dichloroethane-d4 (Surr)	*102*		*58 - 125*	*10/07/24 19:59*	*10/08/24 03:22*	*1*

Method: SW846 8270E - Semivolatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1'-Biphenyl	ND		120	34	ug/Kg	☼	10/08/24 09:11	10/09/24 18:54	1
bis (2-chloroisopropyl) ether	ND		120	31	ug/Kg	☼	10/08/24 09:11	10/09/24 18:54	1
2,4,5-Trichlorophenol	ND		180	40	ug/Kg	☼	10/08/24 09:11	10/09/24 18:54	1
2,4,6-Trichlorophenol	ND		180	35	ug/Kg	☼	10/08/24 09:11	10/09/24 18:54	1
2,4-Dichlorophenol	ND		180	32	ug/Kg	☼	10/08/24 09:11	10/09/24 18:54	1
2,4-Dimethylphenol	ND		180	43	ug/Kg	☼	10/08/24 09:11	10/09/24 18:54	1
2,4-Dinitrophenol	ND		400	210	ug/Kg	☼	10/08/24 09:11	10/09/24 18:54	1
2,4-Dinitrotoluene	ND		240	28	ug/Kg	☼	10/08/24 09:11	10/09/24 18:54	1
2,6-Dinitrotoluene	ND		240	43	ug/Kg	☼	10/08/24 09:11	10/09/24 18:54	1
2-Chloronaphthalene	ND		120	34	ug/Kg	☼	10/08/24 09:11	10/09/24 18:54	1
2-Chlorophenol	ND		120	31	ug/Kg	☼	10/08/24 09:11	10/09/24 18:54	1
2-Methylnaphthalene	ND		48	16	ug/Kg	☼	10/08/24 09:11	10/09/24 18:54	1
2-Methylphenol	ND		240	49	ug/Kg	☼	10/08/24 09:11	10/09/24 18:54	1
2-Nitroaniline	ND		240	46	ug/Kg	☼	10/08/24 09:11	10/09/24 18:54	1
2-Nitrophenol	ND		120	42	ug/Kg	☼	10/08/24 09:11	10/09/24 18:54	1
3,3'-Dichlorobenzidine	ND		180	110	ug/Kg	☼	10/08/24 09:11	10/09/24 18:54	1
3-Nitroaniline	ND		240	42	ug/Kg	☼	10/08/24 09:11	10/09/24 18:54	1
4,6-Dinitro-2-methylphenol	ND		400	120	ug/Kg	☼	10/08/24 09:11	10/09/24 18:54	1
4-Bromophenyl phenyl ether	ND		120	38	ug/Kg	☼	10/08/24 09:11	10/09/24 18:54	1
4-Chloro-3-methylphenol	ND		180	46	ug/Kg	☼	10/08/24 09:11	10/09/24 18:54	1
4-Chloroaniline	ND		180	19	ug/Kg	☼	10/08/24 09:11	10/09/24 18:54	1
4-Chlorophenyl phenyl ether	ND		120	34	ug/Kg	☼	10/08/24 09:11	10/09/24 18:54	1
4-Nitroaniline	ND		240	31	ug/Kg	☼	10/08/24 09:11	10/09/24 18:54	1
4-Nitrophenol	ND		400	110	ug/Kg	☼	10/08/24 09:11	10/09/24 18:54	1
Acenaphthene	ND		48	17	ug/Kg	☼	10/08/24 09:11	10/09/24 18:54	1
Acenaphthylene	ND		48	18	ug/Kg	☼	10/08/24 09:11	10/09/24 18:54	1
Acetophenone	ND		120	30	ug/Kg	☼	10/08/24 09:11	10/09/24 18:54	1
Anthracene	ND		48	14	ug/Kg	☼	10/08/24 09:11	10/09/24 18:54	1
Atrazine	ND		400	83	ug/Kg	☼	10/08/24 09:11	10/09/24 18:54	1
Benzaldehyde	ND		400	67	ug/Kg	☼	10/08/24 09:11	10/09/24 18:54	1
Benzo[a]anthracene	ND		48	18	ug/Kg	☼	10/08/24 09:11	10/09/24 18:54	1
Benzo[a]pyrene	**19**	**J**	48	17	ug/Kg	☼	10/08/24 09:11	10/09/24 18:54	1
Benzo[b]fluoranthene	**27**	**J**	48	14	ug/Kg	☼	10/08/24 09:11	10/09/24 18:54	1
Benzo[g,h,i]perylene	ND		48	32	ug/Kg	☼	10/08/24 09:11	10/09/24 18:54	1
Benzo[k]fluoranthene	**16**	**J**	48	12	ug/Kg	☼	10/08/24 09:11	10/09/24 18:54	1
Bis(2-chloroethoxy)methane	ND		120	24	ug/Kg	☼	10/08/24 09:11	10/09/24 18:54	1
Bis(2-chloroethyl)ether	ND		120	26	ug/Kg	☼	10/08/24 09:11	10/09/24 18:54	1
Bis(2-ethylhexyl) phthalate	ND		180	67	ug/Kg	☼	10/08/24 09:11	10/09/24 18:54	1
Butyl benzyl phthalate	ND		180	61	ug/Kg	☼	10/08/24 09:11	10/09/24 18:54	1
Caprolactam	ND		400	83	ug/Kg	☼	10/08/24 09:11	10/09/24 18:54	1
Carbazole	ND		120	32	ug/Kg	☼	10/08/24 09:11	10/09/24 18:54	1
Chrysene	**22**	**J**	48	17	ug/Kg	☼	10/08/24 09:11	10/09/24 18:54	1
Dibenz(a,h)anthracene	ND		48	18	ug/Kg	☼	10/08/24 09:11	10/09/24 18:54	1

Client Sample ID: T625-C-4.0
Date Collected: 10/05/24 10:30
Date Received: 10/07/24 13:00

Lab Sample ID: 240-212566-17
Matrix: Solid
Percent Solids: 81.8

Method: SW846 8270E - Semivolatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Dibenzofuran	ND		120	35	ug/Kg	☼	10/08/24 09:11	10/09/24 18:54	1
Diethyl phthalate	ND		180	52	ug/Kg	☼	10/08/24 09:11	10/09/24 18:54	1
Dimethyl phthalate	ND		180	48	ug/Kg	☼	10/08/24 09:11	10/09/24 18:54	1
Di-n-butyl phthalate	ND		180	61	ug/Kg	☼	10/08/24 09:11	10/09/24 18:54	1
Di-n-octyl phthalate	ND		180	60	ug/Kg	☼	10/08/24 09:11	10/09/24 18:54	1
Fluoranthene	**41**	**J**	48	17	ug/Kg	☼	10/08/24 09:11	10/09/24 18:54	1
Fluorene	ND		48	17	ug/Kg	☼	10/08/24 09:11	10/09/24 18:54	1
Hexachlorobenzene	ND		48	17	ug/Kg	☼	10/08/24 09:11	10/09/24 18:54	1
Hexachlorobutadiene	ND		120	25	ug/Kg	☼	10/08/24 09:11	10/09/24 18:54	1
Hexachlorocyclopentadiene	ND	*-	400	47	ug/Kg	☼	10/08/24 09:11	10/09/24 18:54	1
Hexachloroethane	ND		120	38	ug/Kg	☼	10/08/24 09:11	10/09/24 18:54	1
Indeno[1,2,3-cd]pyrene	**17**	**J**	48	14	ug/Kg	☼	10/08/24 09:11	10/09/24 18:54	1
Isophorone	ND		120	31	ug/Kg	☼	10/08/24 09:11	10/09/24 18:54	1
N-Nitrosodi-n-propylamine	ND		120	44	ug/Kg	☼	10/08/24 09:11	10/09/24 18:54	1
N-Nitrosodiphenylamine	ND		120	32	ug/Kg	☼	10/08/24 09:11	10/09/24 18:54	1
Naphthalene	ND		48	16	ug/Kg	☼	10/08/24 09:11	10/09/24 18:54	1
Nitrobenzene	ND		120	26	ug/Kg	☼	10/08/24 09:11	10/09/24 18:54	1
Pentachlorophenol	ND		320	130	ug/Kg	☼	10/08/24 09:11	10/09/24 18:54	1
Phenanthrene	**21**	**J**	48	16	ug/Kg	☼	10/08/24 09:11	10/09/24 18:54	1
Phenol	ND		120	46	ug/Kg	☼	10/08/24 09:11	10/09/24 18:54	1
Pyrene	**37**	**J**	48	19	ug/Kg	☼	10/08/24 09:11	10/09/24 18:54	1
3 & 4 Methylphenol	ND		480	49	ug/Kg	☼	10/08/24 09:11	10/09/24 18:54	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Terphenyl-d14 (Surr)	*76*		*37 - 120*	*10/08/24 09:11*	*10/09/24 18:54*	*1*
Phenol-d5 (Surr)	*68*		*29 - 120*	*10/08/24 09:11*	*10/09/24 18:54*	*1*
Nitrobenzene-d5 (Surr)	*71*		*28 - 120*	*10/08/24 09:11*	*10/09/24 18:54*	*1*
2-Fluorophenol (Surr)	*69*		*26 - 120*	*10/08/24 09:11*	*10/09/24 18:54*	*1*
2-Fluorobiphenyl (Surr)	*74*		*36 - 120*	*10/08/24 09:11*	*10/09/24 18:54*	*1*
2,4,6-Tribromophenol (Surr)	*65*		*10 - 120*	*10/08/24 09:11*	*10/09/24 18:54*	*1*

Method: SW846 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aroclor-1016	ND		58	29	ug/Kg	☼	10/08/24 09:17	10/09/24 14:58	1
Aroclor-1221	ND		58	35	ug/Kg	☼	10/08/24 09:17	10/09/24 14:58	1
Aroclor-1232	ND		58	25	ug/Kg	☼	10/08/24 09:17	10/09/24 14:58	1
Aroclor-1242	ND		58	22	ug/Kg	☼	10/08/24 09:17	10/09/24 14:58	1
Aroclor-1248	ND		58	20	ug/Kg	☼	10/08/24 09:17	10/09/24 14:58	1
Aroclor-1254	ND		58	25	ug/Kg	☼	10/08/24 09:17	10/09/24 14:58	1
Aroclor-1260	ND		58	25	ug/Kg	☼	10/08/24 09:17	10/09/24 14:58	1
Aroclor-1262	ND		58	26	ug/Kg	☼	10/08/24 09:17	10/09/24 14:58	1
Aroclor-1268	ND		58	19	ug/Kg	☼	10/08/24 09:17	10/09/24 14:58	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Tetrachloro-m-xylene	*77*		*10 - 149*	*10/08/24 09:17*	*10/09/24 14:58*	*1*
DCB Decachlorobiphenyl	*96*		*10 - 174*	*10/08/24 09:17*	*10/09/24 14:58*	*1*

Method: SW846 6010D - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	**17**		1.4	0.29	mg/Kg	☼	10/08/24 13:00	10/09/24 17:27	1

Client Sample ID: T625-C-4.0

Date Collected: 10/05/24 10:30
Date Received: 10/07/24 13:00

Lab Sample ID: 240-212566-17

Matrix: Solid
Percent Solids: 81.8

Method: SW846 6010D - Metals (ICP) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Barium	43		18	0.11	mg/Kg	☼	10/08/24 13:00	10/09/24 17:27	1
Cadmium	0.15	J	0.46	0.044	mg/Kg	☼	10/08/24 13:00	10/09/24 17:27	1
Chromium	14		0.91	0.31	mg/Kg	☼	10/08/24 13:00	10/09/24 17:27	1
Copper	18		2.3	0.64	mg/Kg	☼	10/08/24 13:00	10/09/24 17:27	1
Lead	15		0.91	0.26	mg/Kg	☼	10/08/24 13:00	10/09/24 17:27	1
Selenium	ND		1.8	0.43	mg/Kg	☼	10/08/24 13:00	10/09/24 17:27	1
Silver	ND		0.91	0.074	mg/Kg	☼	10/08/24 13:00	10/09/24 17:27	1
Zinc	860		4.6	3.3	mg/Kg	☼	10/08/24 13:00	10/09/24 17:27	1

Method: SW846 7471B - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	ND		0.13	0.023	mg/Kg	☼	10/08/24 13:00	10/09/24 10:23	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cyanide, Total (SW846 9012B)	3.2		0.69	0.55	mg/Kg	☼	10/10/24 11:02	10/10/24 17:12	1

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Solids (EPA Moisture)	81.8		0.1	0.1	%			10/08/24 13:25	1
Percent Moisture (EPA Moisture)	18.2		0.1	0.1	%			10/08/24 13:25	1

Client: August Mack Environmental, Inc.
Project/Site: MSC Canfield - Soil

Job ID: 240-212566-1

Client Sample ID: T625-W-2.0
Date Collected: 10/05/24 11:00
Date Received: 10/07/24 13:00

Lab Sample ID: 240-212566-18
Matrix: Solid
Percent Solids: 84.4

Method: SW846 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		5.8	2.1	ug/Kg	☼	10/07/24 19:59	10/08/24 03:46	1
1,1,2,2-Tetrachloroethane	ND		5.8	1.7	ug/Kg	☼	10/07/24 19:59	10/08/24 03:46	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		5.8	1.5	ug/Kg	☼	10/07/24 19:59	10/08/24 03:46	1
1,1,2-Trichloroethane	ND		5.8	1.3	ug/Kg	☼	10/07/24 19:59	10/08/24 03:46	1
1,1-Dichloroethane	ND		5.8	1.7	ug/Kg	☼	10/07/24 19:59	10/08/24 03:46	1
1,1-Dichloroethene	ND		5.8	2.1	ug/Kg	☼	10/07/24 19:59	10/08/24 03:46	1
1,2,4-Trichlorobenzene	ND		5.8	2.9	ug/Kg	☼	10/07/24 19:59	10/08/24 03:46	1
1,2-Dibromo-3-Chloropropane	ND		12	4.2	ug/Kg	☼	10/07/24 19:59	10/08/24 03:46	1
Ethylene Dibromide	ND		5.8	0.90	ug/Kg	☼	10/07/24 19:59	10/08/24 03:46	1
1,2-Dichlorobenzene	ND		5.8	1.3	ug/Kg	☼	10/07/24 19:59	10/08/24 03:46	1
1,2-Dichloroethane	ND		5.8	2.1	ug/Kg	☼	10/07/24 19:59	10/08/24 03:46	1
1,2-Dichloropropane	ND		5.8	0.99	ug/Kg	☼	10/07/24 19:59	10/08/24 03:46	1
1,3-Dichlorobenzene	ND		5.8	1.9	ug/Kg	☼	10/07/24 19:59	10/08/24 03:46	1
1,4-Dichlorobenzene	ND		5.8	1.0	ug/Kg	☼	10/07/24 19:59	10/08/24 03:46	1
2-Butanone (MEK)	**5.7**	**J**	23	4.1	ug/Kg	☼	10/07/24 19:59	10/08/24 03:46	1
2-Hexanone	ND		23	4.8	ug/Kg	☼	10/07/24 19:59	10/08/24 03:46	1
4-Methyl-2-pentanone (MIBK)	ND		23	4.3	ug/Kg	☼	10/07/24 19:59	10/08/24 03:46	1
Acetone	**35**		29	24	ug/Kg	☼	10/07/24 19:59	10/08/24 03:46	1
Benzene	ND		5.8	0.81	ug/Kg	☼	10/07/24 19:59	10/08/24 03:46	1
Dichlorobromomethane	ND		5.8	1.7	ug/Kg	☼	10/07/24 19:59	10/08/24 03:46	1
Bromoform	ND		5.8	2.8	ug/Kg	☼	10/07/24 19:59	10/08/24 03:46	1
Bromomethane	ND		5.8	4.8	ug/Kg	☼	10/07/24 19:59	10/08/24 03:46	1
Carbon disulfide	ND		5.8	1.4	ug/Kg	☼	10/07/24 19:59	10/08/24 03:46	1
Carbon tetrachloride	ND		5.8	3.8	ug/Kg	☼	10/07/24 19:59	10/08/24 03:46	1
Chlorobenzene	ND		5.8	1.1	ug/Kg	☼	10/07/24 19:59	10/08/24 03:46	1
Chloroethane	ND		5.8	3.2	ug/Kg	☼	10/07/24 19:59	10/08/24 03:46	1
Chloroform	ND		5.8	0.92	ug/Kg	☼	10/07/24 19:59	10/08/24 03:46	1
Chloromethane	ND		5.8	2.7	ug/Kg	☼	10/07/24 19:59	10/08/24 03:46	1
cis-1,2-Dichloroethene	ND		5.8	1.7	ug/Kg	☼	10/07/24 19:59	10/08/24 03:46	1
cis-1,3-Dichloropropene	ND		5.8	3.4	ug/Kg	☼	10/07/24 19:59	10/08/24 03:46	1
Cyclohexane	ND		12	1.6	ug/Kg	☼	10/07/24 19:59	10/08/24 03:46	1
Chlorodibromomethane	ND		5.8	3.2	ug/Kg	☼	10/07/24 19:59	10/08/24 03:46	1
Dichlorodifluoromethane	ND		5.8	2.6	ug/Kg	☼	10/07/24 19:59	10/08/24 03:46	1
Ethylbenzene	ND		5.8	1.2	ug/Kg	☼	10/07/24 19:59	10/08/24 03:46	1
Isopropylbenzene	ND		5.8	2.2	ug/Kg	☼	10/07/24 19:59	10/08/24 03:46	1
Methyl acetate	ND		29	4.0	ug/Kg	☼	10/07/24 19:59	10/08/24 03:46	1
Methyl tert-butyl ether	ND		5.8	2.3	ug/Kg	☼	10/07/24 19:59	10/08/24 03:46	1
Methylcyclohexane	ND		12	1.4	ug/Kg	☼	10/07/24 19:59	10/08/24 03:46	1
Methylene Chloride	ND		29	14	ug/Kg	☼	10/07/24 19:59	10/08/24 03:46	1
Styrene	ND		5.8	1.3	ug/Kg	☼	10/07/24 19:59	10/08/24 03:46	1
Tetrachloroethene	ND		5.8	4.5	ug/Kg	☼	10/07/24 19:59	10/08/24 03:46	1
Toluene	ND		5.8	0.90	ug/Kg	☼	10/07/24 19:59	10/08/24 03:46	1
trans-1,2-Dichloroethene	ND		5.8	1.7	ug/Kg	☼	10/07/24 19:59	10/08/24 03:46	1
trans-1,3-Dichloropropene	ND		5.8	4.3	ug/Kg	☼	10/07/24 19:59	10/08/24 03:46	1
Trichloroethene	ND		5.8	1.7	ug/Kg	☼	10/07/24 19:59	10/08/24 03:46	1
Trichlorofluoromethane	ND		5.8	3.1	ug/Kg	☼	10/07/24 19:59	10/08/24 03:46	1
Vinyl chloride	ND		5.8	2.1	ug/Kg	☼	10/07/24 19:59	10/08/24 03:46	1
Xylenes, Total	ND		12	1.8	ug/Kg	☼	10/07/24 19:59	10/08/24 03:46	1

Client Sample ID: T625-W-2.0

Date Collected: 10/05/24 11:00
Date Received: 10/07/24 13:00

Lab Sample ID: 240-212566-18

Matrix: Solid
Percent Solids: 84.4

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
Toluene-d8 (Surr)	*101*		*56 - 125*	*10/07/24 19:59*	*10/08/24 03:46*	*1*
Dibromofluoromethane (Surr)	*92*		*41 - 138*	*10/07/24 19:59*	*10/08/24 03:46*	*1*
4-Bromofluorobenzene (Surr)	*101*		*41 - 143*	*10/07/24 19:59*	*10/08/24 03:46*	*1*
1,2-Dichloroethane-d4 (Surr)	*99*		*58 - 125*	*10/07/24 19:59*	*10/08/24 03:46*	*1*

Method: SW846 8270E - Semivolatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1'-Biphenyl	ND		120	32	ug/Kg	☼	10/08/24 09:11	10/09/24 19:19	1
bis (2-chloroisopropyl) ether	ND		120	30	ug/Kg	☼	10/08/24 09:11	10/09/24 19:19	1
2,4,5-Trichlorophenol	ND		170	38	ug/Kg	☼	10/08/24 09:11	10/09/24 19:19	1
2,4,6-Trichlorophenol	ND		170	34	ug/Kg	☼	10/08/24 09:11	10/09/24 19:19	1
2,4-Dichlorophenol	ND		170	31	ug/Kg	☼	10/08/24 09:11	10/09/24 19:19	1
2,4-Dimethylphenol	ND		170	42	ug/Kg	☼	10/08/24 09:11	10/09/24 19:19	1
2,4-Dinitrophenol	ND		380	200	ug/Kg	☼	10/08/24 09:11	10/09/24 19:19	1
2,4-Dinitrotoluene	ND		230	27	ug/Kg	☼	10/08/24 09:11	10/09/24 19:19	1
2,6-Dinitrotoluene	ND		230	42	ug/Kg	☼	10/08/24 09:11	10/09/24 19:19	1
2-Chloronaphthalene	ND		120	32	ug/Kg	☼	10/08/24 09:11	10/09/24 19:19	1
2-Chlorophenol	ND		120	30	ug/Kg	☼	10/08/24 09:11	10/09/24 19:19	1
2-Methylnaphthalene	**46**		46	15	ug/Kg	☼	10/08/24 09:11	10/09/24 19:19	1
2-Methylphenol	ND		230	47	ug/Kg	☼	10/08/24 09:11	10/09/24 19:19	1
2-Nitroaniline	ND		230	44	ug/Kg	☼	10/08/24 09:11	10/09/24 19:19	1
2-Nitrophenol	ND		120	40	ug/Kg	☼	10/08/24 09:11	10/09/24 19:19	1
3,3'-Dichlorobenzidine	ND		170	110	ug/Kg	☼	10/08/24 09:11	10/09/24 19:19	1
3-Nitroaniline	ND		230	40	ug/Kg	☼	10/08/24 09:11	10/09/24 19:19	1
4,6-Dinitro-2-methylphenol	ND		380	120	ug/Kg	☼	10/08/24 09:11	10/09/24 19:19	1
4-Bromophenyl phenyl ether	ND		120	37	ug/Kg	☼	10/08/24 09:11	10/09/24 19:19	1
4-Chloro-3-methylphenol	ND		170	44	ug/Kg	☼	10/08/24 09:11	10/09/24 19:19	1
4-Chloroaniline	ND		170	19	ug/Kg	☼	10/08/24 09:11	10/09/24 19:19	1
4-Chlorophenyl phenyl ether	ND		120	32	ug/Kg	☼	10/08/24 09:11	10/09/24 19:19	1
4-Nitroaniline	ND		230	30	ug/Kg	☼	10/08/24 09:11	10/09/24 19:19	1
4-Nitrophenol	ND		380	100	ug/Kg	☼	10/08/24 09:11	10/09/24 19:19	1
Acenaphthene	ND		46	16	ug/Kg	☼	10/08/24 09:11	10/09/24 19:19	1
Acenaphthylene	ND		46	17	ug/Kg	☼	10/08/24 09:11	10/09/24 19:19	1
Acetophenone	ND		120	29	ug/Kg	☼	10/08/24 09:11	10/09/24 19:19	1
Anthracene	**18**	**J**	46	14	ug/Kg	☼	10/08/24 09:11	10/09/24 19:19	1
Atrazine	ND		380	80	ug/Kg	☼	10/08/24 09:11	10/09/24 19:19	1
Benzaldehyde	ND		380	65	ug/Kg	☼	10/08/24 09:11	10/09/24 19:19	1
Benzo[a]anthracene	**81**		46	17	ug/Kg	☼	10/08/24 09:11	10/09/24 19:19	1
Benzo[a]pyrene	**83**		46	16	ug/Kg	☼	10/08/24 09:11	10/09/24 19:19	1
Benzo[b]fluoranthene	**160**		46	14	ug/Kg	☼	10/08/24 09:11	10/09/24 19:19	1
Benzo[g,h,i]perylene	**89**		46	31	ug/Kg	☼	10/08/24 09:11	10/09/24 19:19	1
Benzo[k]fluoranthene	**39**	**J**	46	12	ug/Kg	☼	10/08/24 09:11	10/09/24 19:19	1
Bis(2-chloroethoxy)methane	ND		120	23	ug/Kg	☼	10/08/24 09:11	10/09/24 19:19	1
Bis(2-chloroethyl)ether	ND		120	25	ug/Kg	☼	10/08/24 09:11	10/09/24 19:19	1
Bis(2-ethylhexyl) phthalate	ND		170	65	ug/Kg	☼	10/08/24 09:11	10/09/24 19:19	1
Butyl benzyl phthalate	ND		170	59	ug/Kg	☼	10/08/24 09:11	10/09/24 19:19	1
Caprolactam	ND		380	80	ug/Kg	☼	10/08/24 09:11	10/09/24 19:19	1
Carbazole	ND		120	31	ug/Kg	☼	10/08/24 09:11	10/09/24 19:19	1
Chrysene	**110**		46	16	ug/Kg	☼	10/08/24 09:11	10/09/24 19:19	1
Dibenz(a,h)anthracene	**30**	**J**	46	17	ug/Kg	☼	10/08/24 09:11	10/09/24 19:19	1

Client Sample ID: T625-W-2.0

Date Collected: 10/05/24 11:00
Date Received: 10/07/24 13:00

Lab Sample ID: 240-212566-18

Matrix: Solid
Percent Solids: 84.4

Method: SW846 8270E - Semivolatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Dibenzofuran	ND		120	34	ug/Kg	☼	10/08/24 09:11	10/09/24 19:19	1
Diethyl phthalate	ND		170	50	ug/Kg	☼	10/08/24 09:11	10/09/24 19:19	1
Dimethyl phthalate	ND		170	46	ug/Kg	☼	10/08/24 09:11	10/09/24 19:19	1
Di-n-butyl phthalate	ND		170	59	ug/Kg	☼	10/08/24 09:11	10/09/24 19:19	1
Di-n-octyl phthalate	ND		170	58	ug/Kg	☼	10/08/24 09:11	10/09/24 19:19	1
Fluoranthene	**170**		46	16	ug/Kg	☼	10/08/24 09:11	10/09/24 19:19	1
Fluorene	ND		46	16	ug/Kg	☼	10/08/24 09:11	10/09/24 19:19	1
Hexachlorobenzene	ND		46	16	ug/Kg	☼	10/08/24 09:11	10/09/24 19:19	1
Hexachlorobutadiene	ND		120	24	ug/Kg	☼	10/08/24 09:11	10/09/24 19:19	1
Hexachlorocyclopentadiene	ND	*-	380	45	ug/Kg	☼	10/08/24 09:11	10/09/24 19:19	1
Hexachloroethane	ND		120	37	ug/Kg	☼	10/08/24 09:11	10/09/24 19:19	1
Indeno[1,2,3-cd]pyrene	**64**		46	14	ug/Kg	☼	10/08/24 09:11	10/09/24 19:19	1
Isophorone	ND		120	30	ug/Kg	☼	10/08/24 09:11	10/09/24 19:19	1
N-Nitrosodi-n-propylamine	ND		120	43	ug/Kg	☼	10/08/24 09:11	10/09/24 19:19	1
N-Nitrosodiphenylamine	ND		120	31	ug/Kg	☼	10/08/24 09:11	10/09/24 19:19	1
Naphthalene	**34**	**J**	46	15	ug/Kg	☼	10/08/24 09:11	10/09/24 19:19	1
Nitrobenzene	ND		120	25	ug/Kg	☼	10/08/24 09:11	10/09/24 19:19	1
Pentachlorophenol	ND		310	120	ug/Kg	☼	10/08/24 09:11	10/09/24 19:19	1
Phenanthrene	**96**		46	15	ug/Kg	☼	10/08/24 09:11	10/09/24 19:19	1
Phenol	ND		120	44	ug/Kg	☼	10/08/24 09:11	10/09/24 19:19	1
Pyrene	**140**		46	19	ug/Kg	☼	10/08/24 09:11	10/09/24 19:19	1
3 & 4 Methylphenol	ND		460	47	ug/Kg	☼	10/08/24 09:11	10/09/24 19:19	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Terphenyl-d14 (Surr)	*79*		*37 - 120*	*10/08/24 09:11*	*10/09/24 19:19*	*1*
Phenol-d5 (Surr)	*81*		*29 - 120*	*10/08/24 09:11*	*10/09/24 19:19*	*1*
Nitrobenzene-d5 (Surr)	*71*		*28 - 120*	*10/08/24 09:11*	*10/09/24 19:19*	*1*
2-Fluorophenol (Surr)	*79*		*26 - 120*	*10/08/24 09:11*	*10/09/24 19:19*	*1*
2-Fluorobiphenyl (Surr)	*80*		*36 - 120*	*10/08/24 09:11*	*10/09/24 19:19*	*1*
2,4,6-Tribromophenol (Surr)	*89*		*10 - 120*	*10/08/24 09:11*	*10/09/24 19:19*	*1*

Method: SW846 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aroclor-1016	ND		59	30	ug/Kg	☼	10/08/24 09:17	10/09/24 15:13	1
Aroclor-1221	ND		59	35	ug/Kg	☼	10/08/24 09:17	10/09/24 15:13	1
Aroclor-1232	ND		59	25	ug/Kg	☼	10/08/24 09:17	10/09/24 15:13	1
Aroclor-1242	ND		59	22	ug/Kg	☼	10/08/24 09:17	10/09/24 15:13	1
Aroclor-1248	ND		59	20	ug/Kg	☼	10/08/24 09:17	10/09/24 15:13	1
Aroclor-1254	ND		59	25	ug/Kg	☼	10/08/24 09:17	10/09/24 15:13	1
Aroclor-1260	**30**	**J**	59	25	ug/Kg	☼	10/08/24 09:17	10/09/24 15:13	1
Aroclor-1262	ND		59	26	ug/Kg	☼	10/08/24 09:17	10/09/24 15:13	1
Aroclor-1268	ND		59	19	ug/Kg	☼	10/08/24 09:17	10/09/24 15:13	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Tetrachloro-m-xylene	*55*		*10 - 149*	*10/08/24 09:17*	*10/09/24 15:13*	*1*
DCB Decachlorobiphenyl	*60*		*10 - 174*	*10/08/24 09:17*	*10/09/24 15:13*	*1*

Method: SW846 6010D - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	**17**		1.6	0.35	mg/Kg	☼	10/08/24 13:00	10/09/24 17:31	1

Client: August Mack Environmental, Inc.
Project/Site: MSC Canfield - Soil

Job ID: 240-212566-1

Client Sample ID: T625-W-2.0

Date Collected: 10/05/24 11:00
Date Received: 10/07/24 13:00

Lab Sample ID: 240-212566-18

Matrix: Solid
Percent Solids: 84.4

Method: SW846 6010D - Metals (ICP) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Barium	**44**		22	0.14	mg/Kg	☼	10/08/24 13:00	10/09/24 17:31	1
Cadmium	ND		0.55	0.053	mg/Kg	☼	10/08/24 13:00	10/09/24 17:31	1
Chromium	**14**		1.1	0.38	mg/Kg	☼	10/08/24 13:00	10/09/24 17:31	1
Copper	**21**		2.7	0.77	mg/Kg	☼	10/08/24 13:00	10/09/24 17:31	1
Lead	**12**		1.1	0.31	mg/Kg	☼	10/08/24 13:00	10/09/24 17:31	1
Selenium	ND		2.2	0.51	mg/Kg	☼	10/08/24 13:00	10/09/24 17:31	1
Silver	ND		1.1	0.089	mg/Kg	☼	10/08/24 13:00	10/09/24 17:31	1
Zinc	**68**		5.5	4.0	mg/Kg	☼	10/08/24 13:00	10/09/24 17:31	1

Method: SW846 7471B - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	**0.061**	**J B**	0.14	0.025	mg/Kg	☼	10/08/24 13:00	10/09/24 10:25	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cyanide, Total (SW846 9012B)	**78**		15	12	mg/Kg	☼	10/10/24 10:00	10/10/24 13:15	25

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Solids (EPA Moisture)	**84.4**		0.1	0.1	%			10/08/24 13:25	1
Percent Moisture (EPA Moisture)	**15.6**		0.1	0.1	%			10/08/24 13:25	1

Client: August Mack Environmental, Inc.
Project/Site: MSC Canfield - Soil

Job ID: 240-212566-1

Client Sample ID: T750-E-2.0
Date Collected: 10/05/24 12:15
Date Received: 10/07/24 13:00

Lab Sample ID: 240-212566-19
Matrix: Solid
Percent Solids: 78.3

Method: SW846 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		6.2	2.2	ug/Kg	☼	10/07/24 19:59	10/08/24 04:10	1
1,1,2,2-Tetrachloroethane	ND	F2	6.2	1.8	ug/Kg	☼	10/07/24 19:59	10/08/24 04:10	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		6.2	1.6	ug/Kg	☼	10/07/24 19:59	10/08/24 04:10	1
1,1,2-Trichloroethane	ND	F2	6.2	1.4	ug/Kg	☼	10/07/24 19:59	10/08/24 04:10	1
1,1-Dichloroethane	ND		6.2	1.8	ug/Kg	☼	10/07/24 19:59	10/08/24 04:10	1
1,1-Dichloroethene	ND		6.2	2.3	ug/Kg	☼	10/07/24 19:59	10/08/24 04:10	1
1,2,4-Trichlorobenzene	ND	F2	6.2	3.1	ug/Kg	☼	10/07/24 19:59	10/08/24 04:10	1
1,2-Dibromo-3-Chloropropane	ND	F2	12	4.5	ug/Kg	☼	10/07/24 19:59	10/08/24 04:10	1
Ethylene Dibromide	ND	F2	6.2	0.95	ug/Kg	☼	10/07/24 19:59	10/08/24 04:10	1
1,2-Dichlorobenzene	ND		6.2	1.4	ug/Kg	☼	10/07/24 19:59	10/08/24 04:10	1
1,2-Dichloroethane	ND	F2	6.2	2.2	ug/Kg	☼	10/07/24 19:59	10/08/24 04:10	1
1,2-Dichloropropane	ND		6.2	1.1	ug/Kg	☼	10/07/24 19:59	10/08/24 04:10	1
1,3-Dichlorobenzene	ND		6.2	2.0	ug/Kg	☼	10/07/24 19:59	10/08/24 04:10	1
1,4-Dichlorobenzene	ND		6.2	1.1	ug/Kg	☼	10/07/24 19:59	10/08/24 04:10	1
2-Butanone (MEK)	**11**	**J F2**	25	4.4	ug/Kg	☼	10/07/24 19:59	10/08/24 04:10	1
2-Hexanone	ND	F2	25	5.1	ug/Kg	☼	10/07/24 19:59	10/08/24 04:10	1
4-Methyl-2-pentanone (MIBK)	ND	F2	25	4.6	ug/Kg	☼	10/07/24 19:59	10/08/24 04:10	1
Acetone	**45**		31	26	ug/Kg	☼	10/07/24 19:59	10/08/24 04:10	1
Benzene	ND		6.2	0.86	ug/Kg	☼	10/07/24 19:59	10/08/24 04:10	1
Dichlorobromomethane	ND	F2	6.2	1.9	ug/Kg	☼	10/07/24 19:59	10/08/24 04:10	1
Bromoform	ND	F2	6.2	3.0	ug/Kg	☼	10/07/24 19:59	10/08/24 04:10	1
Bromomethane	ND		6.2	5.1	ug/Kg	☼	10/07/24 19:59	10/08/24 04:10	1
Carbon disulfide	ND		6.2	1.4	ug/Kg	☼	10/07/24 19:59	10/08/24 04:10	1
Carbon tetrachloride	ND		6.2	4.0	ug/Kg	☼	10/07/24 19:59	10/08/24 04:10	1
Chlorobenzene	ND		6.2	1.1	ug/Kg	☼	10/07/24 19:59	10/08/24 04:10	1
Chloroethane	ND		6.2	3.4	ug/Kg	☼	10/07/24 19:59	10/08/24 04:10	1
Chloroform	ND		6.2	0.97	ug/Kg	☼	10/07/24 19:59	10/08/24 04:10	1
Chloromethane	ND		6.2	2.8	ug/Kg	☼	10/07/24 19:59	10/08/24 04:10	1
cis-1,2-Dichloroethene	ND		6.2	1.8	ug/Kg	☼	10/07/24 19:59	10/08/24 04:10	1
cis-1,3-Dichloropropene	ND	F2	6.2	3.6	ug/Kg	☼	10/07/24 19:59	10/08/24 04:10	1
Cyclohexane	ND		12	1.7	ug/Kg	☼	10/07/24 19:59	10/08/24 04:10	1
Chlorodibromomethane	ND	F2	6.2	3.4	ug/Kg	☼	10/07/24 19:59	10/08/24 04:10	1
Dichlorodifluoromethane	ND		6.2	2.8	ug/Kg	☼	10/07/24 19:59	10/08/24 04:10	1
Ethylbenzene	ND		6.2	1.3	ug/Kg	☼	10/07/24 19:59	10/08/24 04:10	1
Isopropylbenzene	ND		6.2	2.4	ug/Kg	☼	10/07/24 19:59	10/08/24 04:10	1
Methyl acetate	ND	F2	31	4.2	ug/Kg	☼	10/07/24 19:59	10/08/24 04:10	1
Methyl tert-butyl ether	ND	F2	6.2	2.4	ug/Kg	☼	10/07/24 19:59	10/08/24 04:10	1
Methylcyclohexane	ND		12	1.5	ug/Kg	☼	10/07/24 19:59	10/08/24 04:10	1
Methylene Chloride	ND	F2	31	15	ug/Kg	☼	10/07/24 19:59	10/08/24 04:10	1
Styrene	ND		6.2	1.4	ug/Kg	☼	10/07/24 19:59	10/08/24 04:10	1
Tetrachloroethene	ND		6.2	4.8	ug/Kg	☼	10/07/24 19:59	10/08/24 04:10	1
Toluene	ND		6.2	0.96	ug/Kg	☼	10/07/24 19:59	10/08/24 04:10	1
trans-1,2-Dichloroethene	ND		6.2	1.8	ug/Kg	☼	10/07/24 19:59	10/08/24 04:10	1
trans-1,3-Dichloropropene	ND	F2	6.2	4.6	ug/Kg	☼	10/07/24 19:59	10/08/24 04:10	1
Trichloroethene	ND		6.2	1.8	ug/Kg	☼	10/07/24 19:59	10/08/24 04:10	1
Trichlorofluoromethane	ND		6.2	3.3	ug/Kg	☼	10/07/24 19:59	10/08/24 04:10	1
Vinyl chloride	ND		6.2	2.2	ug/Kg	☼	10/07/24 19:59	10/08/24 04:10	1
Xylenes, Total	ND		12	2.0	ug/Kg	☼	10/07/24 19:59	10/08/24 04:10	1

Client Sample ID: T750-E-2.0

Date Collected: 10/05/24 12:15
Date Received: 10/07/24 13:00

Lab Sample ID: 240-212566-19

Matrix: Solid
Percent Solids: 78.3

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
Toluene-d8 (Surr)	*102*		*56 - 125*	*10/07/24 19:59*	*10/08/24 04:10*	*1*
Dibromofluoromethane (Surr)	*94*		*41 - 138*	*10/07/24 19:59*	*10/08/24 04:10*	*1*
4-Bromofluorobenzene (Surr)	*103*		*41 - 143*	*10/07/24 19:59*	*10/08/24 04:10*	*1*
1,2-Dichloroethane-d4 (Surr)	*107*		*58 - 125*	*10/07/24 19:59*	*10/08/24 04:10*	*1*

Method: SW846 8270E - Semivolatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1'-Biphenyl	ND		120	35	ug/Kg	☼	10/08/24 09:11	10/09/24 11:36	1
bis (2-chloroisopropyl) ether	ND		120	32	ug/Kg	☼	10/08/24 09:11	10/09/24 11:36	1
2,4,5-Trichlorophenol	ND	F1	190	41	ug/Kg	☼	10/08/24 09:11	10/09/24 11:36	1
2,4,6-Trichlorophenol	ND		190	36	ug/Kg	☼	10/08/24 09:11	10/09/24 11:36	1
2,4-Dichlorophenol	ND		190	34	ug/Kg	☼	10/08/24 09:11	10/09/24 11:36	1
2,4-Dimethylphenol	ND		190	45	ug/Kg	☼	10/08/24 09:11	10/09/24 11:36	1
2,4-Dinitrophenol	ND	F1	410	210	ug/Kg	☼	10/08/24 09:11	10/09/24 11:36	1
2,4-Dinitrotoluene	ND		250	29	ug/Kg	☼	10/08/24 09:11	10/09/24 11:36	1
2,6-Dinitrotoluene	ND		250	45	ug/Kg	☼	10/08/24 09:11	10/09/24 11:36	1
2-Chloronaphthalene	ND		120	35	ug/Kg	☼	10/08/24 09:11	10/09/24 11:36	1
2-Chlorophenol	ND		120	32	ug/Kg	☼	10/08/24 09:11	10/09/24 11:36	1
2-Methylnaphthalene	**47**	**J**	50	16	ug/Kg	☼	10/08/24 09:11	10/09/24 11:36	1
2-Methylphenol	ND		250	51	ug/Kg	☼	10/08/24 09:11	10/09/24 11:36	1
2-Nitroaniline	ND		250	47	ug/Kg	☼	10/08/24 09:11	10/09/24 11:36	1
2-Nitrophenol	ND		120	44	ug/Kg	☼	10/08/24 09:11	10/09/24 11:36	1
3,3'-Dichlorobenzidine	ND		190	120	ug/Kg	☼	10/08/24 09:11	10/09/24 11:36	1
3-Nitroaniline	ND	F1	250	44	ug/Kg	☼	10/08/24 09:11	10/09/24 11:36	1
4,6-Dinitro-2-methylphenol	ND	F1	410	130	ug/Kg	☼	10/08/24 09:11	10/09/24 11:36	1
4-Bromophenyl phenyl ether	ND	F1	120	40	ug/Kg	☼	10/08/24 09:11	10/09/24 11:36	1
4-Chloro-3-methylphenol	ND		190	47	ug/Kg	☼	10/08/24 09:11	10/09/24 11:36	1
4-Chloroaniline	ND		190	20	ug/Kg	☼	10/08/24 09:11	10/09/24 11:36	1
4-Chlorophenyl phenyl ether	ND	F1	120	35	ug/Kg	☼	10/08/24 09:11	10/09/24 11:36	1
4-Nitroaniline	ND	F1	250	32	ug/Kg	☼	10/08/24 09:11	10/09/24 11:36	1
4-Nitrophenol	ND		410	110	ug/Kg	☼	10/08/24 09:11	10/09/24 11:36	1
Acenaphthene	**41**	**J**	50	17	ug/Kg	☼	10/08/24 09:11	10/09/24 11:36	1
Acenaphthylene	ND		50	19	ug/Kg	☼	10/08/24 09:11	10/09/24 11:36	1
Acetophenone	ND		120	31	ug/Kg	☼	10/08/24 09:11	10/09/24 11:36	1
Anthracene	**60**	**F1**	50	15	ug/Kg	☼	10/08/24 09:11	10/09/24 11:36	1
Atrazine	ND		410	86	ug/Kg	☼	10/08/24 09:11	10/09/24 11:36	1
Benzaldehyde	ND		410	70	ug/Kg	☼	10/08/24 09:11	10/09/24 11:36	1
Benzo[a]anthracene	**35**	**J**	50	19	ug/Kg	☼	10/08/24 09:11	10/09/24 11:36	1
Benzo[a]pyrene	**31**	**J**	50	17	ug/Kg	☼	10/08/24 09:11	10/09/24 11:36	1
Benzo[b]fluoranthene	**50**		50	15	ug/Kg	☼	10/08/24 09:11	10/09/24 11:36	1
Benzo[g,h,i]perylene	ND	F1	50	34	ug/Kg	☼	10/08/24 09:11	10/09/24 11:36	1
Benzo[k]fluoranthene	**16**	**J**	50	12	ug/Kg	☼	10/08/24 09:11	10/09/24 11:36	1
Bis(2-chloroethoxy)methane	ND		120	25	ug/Kg	☼	10/08/24 09:11	10/09/24 11:36	1
Bis(2-chloroethyl)ether	ND		120	27	ug/Kg	☼	10/08/24 09:11	10/09/24 11:36	1
Bis(2-ethylhexyl) phthalate	ND	F1	190	70	ug/Kg	☼	10/08/24 09:11	10/09/24 11:36	1
Butyl benzyl phthalate	ND	F1	190	64	ug/Kg	☼	10/08/24 09:11	10/09/24 11:36	1
Caprolactam	ND		410	86	ug/Kg	☼	10/08/24 09:11	10/09/24 11:36	1
Carbazole	ND	F1	120	34	ug/Kg	☼	10/08/24 09:11	10/09/24 11:36	1
Chrysene	**46**	**J**	50	17	ug/Kg	☼	10/08/24 09:11	10/09/24 11:36	1
Dibenz(a,h)anthracene	ND		50	19	ug/Kg	☼	10/08/24 09:11	10/09/24 11:36	1

Client Sample ID: T750-E-2.0

Date Collected: 10/05/24 12:15
Date Received: 10/07/24 13:00

Lab Sample ID: 240-212566-19

Matrix: Solid
Percent Solids: 78.3

Method: SW846 8270E - Semivolatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Dibenzofuran	**60**	**J**	120	36	ug/Kg	☼	10/08/24 09:11	10/09/24 11:36	1
Diethyl phthalate	ND	F1	190	54	ug/Kg	☼	10/08/24 09:11	10/09/24 11:36	1
Dimethyl phthalate	ND	F1	190	50	ug/Kg	☼	10/08/24 09:11	10/09/24 11:36	1
Di-n-butyl phthalate	ND	F1	190	64	ug/Kg	☼	10/08/24 09:11	10/09/24 11:36	1
Di-n-octyl phthalate	ND	F1	190	62	ug/Kg	☼	10/08/24 09:11	10/09/24 11:36	1
Fluoranthene	**160**	**F1**	50	17	ug/Kg	☼	10/08/24 09:11	10/09/24 11:36	1
Fluorene	**73**	**F1**	50	17	ug/Kg	☼	10/08/24 09:11	10/09/24 11:36	1
Hexachlorobenzene	ND		50	17	ug/Kg	☼	10/08/24 09:11	10/09/24 11:36	1
Hexachlorobutadiene	ND		120	26	ug/Kg	☼	10/08/24 09:11	10/09/24 11:36	1
Hexachlorocyclopentadiene	ND	*- F1	410	49	ug/Kg	☼	10/08/24 09:11	10/09/24 11:36	1
Hexachloroethane	ND		120	40	ug/Kg	☼	10/08/24 09:11	10/09/24 11:36	1
Indeno[1,2,3-cd]pyrene	**18**	**J F1**	50	15	ug/Kg	☼	10/08/24 09:11	10/09/24 11:36	1
Isophorone	ND		120	32	ug/Kg	☼	10/08/24 09:11	10/09/24 11:36	1
N-Nitrosodi-n-propylamine	ND		120	46	ug/Kg	☼	10/08/24 09:11	10/09/24 11:36	1
N-Nitrosodiphenylamine	ND	F1	120	34	ug/Kg	☼	10/08/24 09:11	10/09/24 11:36	1
Naphthalene	**31**	**J**	50	16	ug/Kg	☼	10/08/24 09:11	10/09/24 11:36	1
Nitrobenzene	ND		120	27	ug/Kg	☼	10/08/24 09:11	10/09/24 11:36	1
Pentachlorophenol	ND	F2	340	130	ug/Kg	☼	10/08/24 09:11	10/09/24 11:36	1
Phenanthrene	**240**	**F1**	50	16	ug/Kg	☼	10/08/24 09:11	10/09/24 11:36	1
Phenol	ND		120	47	ug/Kg	☼	10/08/24 09:11	10/09/24 11:36	1
Pyrene	**100**		50	20	ug/Kg	☼	10/08/24 09:11	10/09/24 11:36	1
3 & 4 Methylphenol	ND		500	51	ug/Kg	☼	10/08/24 09:11	10/09/24 11:36	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Terphenyl-d14 (Surr)	*69*		*37 - 120*	*10/08/24 09:11*	*10/09/24 11:36*	*1*
Phenol-d5 (Surr)	*72*		*29 - 120*	*10/08/24 09:11*	*10/09/24 11:36*	*1*
Nitrobenzene-d5 (Surr)	*57*		*28 - 120*	*10/08/24 09:11*	*10/09/24 11:36*	*1*
2-Fluorophenol (Surr)	*69*		*26 - 120*	*10/08/24 09:11*	*10/09/24 11:36*	*1*
2-Fluorobiphenyl (Surr)	*69*		*36 - 120*	*10/08/24 09:11*	*10/09/24 11:36*	*1*
2,4,6-Tribromophenol (Surr)	*67*		*10 - 120*	*10/08/24 09:11*	*10/09/24 11:36*	*1*

Method: SW846 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aroclor-1016	ND		64	32	ug/Kg	☼	10/08/24 09:17	10/09/24 15:41	1
Aroclor-1221	ND		64	38	ug/Kg	☼	10/08/24 09:17	10/09/24 15:41	1
Aroclor-1232	ND		64	27	ug/Kg	☼	10/08/24 09:17	10/09/24 15:41	1
Aroclor-1242	ND		64	24	ug/Kg	☼	10/08/24 09:17	10/09/24 15:41	1
Aroclor-1248	ND		64	22	ug/Kg	☼	10/08/24 09:17	10/09/24 15:41	1
Aroclor-1254	ND		64	27	ug/Kg	☼	10/08/24 09:17	10/09/24 15:41	1
Aroclor-1260	ND		64	27	ug/Kg	☼	10/08/24 09:17	10/09/24 15:41	1
Aroclor-1262	ND		64	28	ug/Kg	☼	10/08/24 09:17	10/09/24 15:41	1
Aroclor-1268	ND		64	20	ug/Kg	☼	10/08/24 09:17	10/09/24 15:41	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Tetrachloro-m-xylene	*69*		*10 - 149*	*10/08/24 09:17*	*10/09/24 15:41*	*1*
DCB Decachlorobiphenyl	*86*		*10 - 174*	*10/08/24 09:17*	*10/09/24 15:41*	*1*

Method: SW846 6010D - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	**13**		1.4	0.29	mg/Kg	☼	10/08/24 13:00	10/09/24 15:47	1

Client Sample ID: T750-E-2.0
Date Collected: 10/05/24 12:15
Date Received: 10/07/24 13:00

Lab Sample ID: 240-212566-19
Matrix: Solid
Percent Solids: 78.3

Method: SW846 6010D - Metals (ICP) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Barium	**56**		18	0.11	mg/Kg	☼	10/08/24 13:00	10/09/24 15:47	1
Cadmium	**0.13**	**J**	0.46	0.044	mg/Kg	☼	10/08/24 13:00	10/09/24 15:47	1
Chromium	**13**		0.91	0.31	mg/Kg	☼	10/08/24 13:00	10/09/24 15:47	1
Copper	**20**		2.3	0.64	mg/Kg	☼	10/08/24 13:00	10/09/24 15:47	1
Lead	**17**		0.91	0.26	mg/Kg	☼	10/08/24 13:00	10/09/24 15:47	1
Selenium	ND		1.8	0.43	mg/Kg	☼	10/08/24 13:00	10/09/24 15:47	1
Silver	ND		0.91	0.074	mg/Kg	☼	10/08/24 13:00	10/09/24 15:47	1
Zinc	**110**		4.6	3.3	mg/Kg	☼	10/08/24 13:00	10/09/24 15:47	1

Method: SW846 7471B - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	**0.047**	**J B**	0.13	0.024	mg/Kg	☼	10/08/24 13:00	10/09/24 09:46	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cyanide, Total (SW846 9012B)	ND		15	12	mg/Kg	☼	10/10/24 10:00	10/10/24 13:01	25

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Solids (EPA Moisture)	**78.3**		0.1	0.1	%			10/08/24 13:25	1
Percent Moisture (EPA Moisture)	**21.7**		0.1	0.1	%			10/08/24 13:25	1

Client: August Mack Environmental, Inc.
Project/Site: MSC Canfield - Soil

Job ID: 240-212566-1

Client Sample ID: T750-E-4.0
Date Collected: 10/05/24 12:40
Date Received: 10/07/24 13:00

Lab Sample ID: 240-212566-20
Matrix: Solid
Percent Solids: 77.2

Method: SW846 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		6.4	2.3	ug/Kg	☼	10/07/24 19:59	10/08/24 05:46	1
1,1,2,2-Tetrachloroethane	ND		6.4	1.8	ug/Kg	☼	10/07/24 19:59	10/08/24 05:46	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		6.4	1.6	ug/Kg	☼	10/07/24 19:59	10/08/24 05:46	1
1,1,2-Trichloroethane	ND		6.4	1.4	ug/Kg	☼	10/07/24 19:59	10/08/24 05:46	1
1,1-Dichloroethane	ND		6.4	1.8	ug/Kg	☼	10/07/24 19:59	10/08/24 05:46	1
1,1-Dichloroethene	ND		6.4	2.3	ug/Kg	☼	10/07/24 19:59	10/08/24 05:46	1
1,2,4-Trichlorobenzene	ND		6.4	3.2	ug/Kg	☼	10/07/24 19:59	10/08/24 05:46	1
1,2-Dibromo-3-Chloropropane	ND		13	4.6	ug/Kg	☼	10/07/24 19:59	10/08/24 05:46	1
Ethylene Dibromide	ND		6.4	0.98	ug/Kg	☼	10/07/24 19:59	10/08/24 05:46	1
1,2-Dichlorobenzene	ND		6.4	1.4	ug/Kg	☼	10/07/24 19:59	10/08/24 05:46	1
1,2-Dichloroethane	ND		6.4	2.3	ug/Kg	☼	10/07/24 19:59	10/08/24 05:46	1
1,2-Dichloropropane	ND		6.4	1.1	ug/Kg	☼	10/07/24 19:59	10/08/24 05:46	1
1,3-Dichlorobenzene	ND		6.4	2.1	ug/Kg	☼	10/07/24 19:59	10/08/24 05:46	1
1,4-Dichlorobenzene	ND		6.4	1.1	ug/Kg	☼	10/07/24 19:59	10/08/24 05:46	1
2-Butanone (MEK)	**7.2**	**J**	25	4.5	ug/Kg	☼	10/07/24 19:59	10/08/24 05:46	1
2-Hexanone	ND		25	5.2	ug/Kg	☼	10/07/24 19:59	10/08/24 05:46	1
4-Methyl-2-pentanone (MIBK)	ND		25	4.7	ug/Kg	☼	10/07/24 19:59	10/08/24 05:46	1
Acetone	**31**	**J**	32	27	ug/Kg	☼	10/07/24 19:59	10/08/24 05:46	1
Benzene	ND		6.4	0.89	ug/Kg	☼	10/07/24 19:59	10/08/24 05:46	1
Dichlorobromomethane	ND		6.4	1.9	ug/Kg	☼	10/07/24 19:59	10/08/24 05:46	1
Bromoform	ND		6.4	3.1	ug/Kg	☼	10/07/24 19:59	10/08/24 05:46	1
Bromomethane	ND		6.4	5.3	ug/Kg	☼	10/07/24 19:59	10/08/24 05:46	1
Carbon disulfide	ND		6.4	1.5	ug/Kg	☼	10/07/24 19:59	10/08/24 05:46	1
Carbon tetrachloride	ND		6.4	4.1	ug/Kg	☼	10/07/24 19:59	10/08/24 05:46	1
Chlorobenzene	ND		6.4	1.2	ug/Kg	☼	10/07/24 19:59	10/08/24 05:46	1
Chloroethane	ND		6.4	3.5	ug/Kg	☼	10/07/24 19:59	10/08/24 05:46	1
Chloroform	ND		6.4	1.0	ug/Kg	☼	10/07/24 19:59	10/08/24 05:46	1
Chloromethane	ND		6.4	2.9	ug/Kg	☼	10/07/24 19:59	10/08/24 05:46	1
cis-1,2-Dichloroethene	ND		6.4	1.9	ug/Kg	☼	10/07/24 19:59	10/08/24 05:46	1
cis-1,3-Dichloropropene	ND		6.4	3.7	ug/Kg	☼	10/07/24 19:59	10/08/24 05:46	1
Cyclohexane	ND		13	1.8	ug/Kg	☼	10/07/24 19:59	10/08/24 05:46	1
Chlorodibromomethane	ND		6.4	3.5	ug/Kg	☼	10/07/24 19:59	10/08/24 05:46	1
Dichlorodifluoromethane	ND		6.4	2.9	ug/Kg	☼	10/07/24 19:59	10/08/24 05:46	1
Ethylbenzene	ND		6.4	1.3	ug/Kg	☼	10/07/24 19:59	10/08/24 05:46	1
Isopropylbenzene	ND		6.4	2.4	ug/Kg	☼	10/07/24 19:59	10/08/24 05:46	1
Methyl acetate	ND		32	4.3	ug/Kg	☼	10/07/24 19:59	10/08/24 05:46	1
Methyl tert-butyl ether	ND		6.4	2.5	ug/Kg	☼	10/07/24 19:59	10/08/24 05:46	1
Methylcyclohexane	ND		13	1.6	ug/Kg	☼	10/07/24 19:59	10/08/24 05:46	1
Methylene Chloride	ND		32	15	ug/Kg	☼	10/07/24 19:59	10/08/24 05:46	1
Styrene	ND		6.4	1.5	ug/Kg	☼	10/07/24 19:59	10/08/24 05:46	1
Tetrachloroethene	ND		6.4	5.0	ug/Kg	☼	10/07/24 19:59	10/08/24 05:46	1
Toluene	ND		6.4	0.99	ug/Kg	☼	10/07/24 19:59	10/08/24 05:46	1
trans-1,2-Dichloroethene	ND		6.4	1.8	ug/Kg	☼	10/07/24 19:59	10/08/24 05:46	1
trans-1,3-Dichloropropene	ND		6.4	4.7	ug/Kg	☼	10/07/24 19:59	10/08/24 05:46	1
Trichloroethene	ND		6.4	1.8	ug/Kg	☼	10/07/24 19:59	10/08/24 05:46	1
Trichlorofluoromethane	ND		6.4	3.4	ug/Kg	☼	10/07/24 19:59	10/08/24 05:46	1
Vinyl chloride	ND		6.4	2.3	ug/Kg	☼	10/07/24 19:59	10/08/24 05:46	1
Xylenes, Total	ND		13	2.0	ug/Kg	☼	10/07/24 19:59	10/08/24 05:46	1

Client Sample ID: T750-E-4.0

Date Collected: 10/05/24 12:40
Date Received: 10/07/24 13:00

Lab Sample ID: 240-212566-20

Matrix: Solid
Percent Solids: 77.2

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Toluene-d8 (Surr)	*101*		*56 - 125*	*10/07/24 19:59*	*10/08/24 05:46*	*1*
Dibromofluoromethane (Surr)	*93*		*41 - 138*	*10/07/24 19:59*	*10/08/24 05:46*	*1*
4-Bromofluorobenzene (Surr)	*102*		*41 - 143*	*10/07/24 19:59*	*10/08/24 05:46*	*1*
1,2-Dichloroethane-d4 (Surr)	*102*		*58 - 125*	*10/07/24 19:59*	*10/08/24 05:46*	*1*

Method: SW846 8270E - Semivolatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1'-Biphenyl	ND		130	36	ug/Kg	☼	10/08/24 09:11	10/09/24 19:43	1
bis (2-chloroisopropyl) ether	ND		130	33	ug/Kg	☼	10/08/24 09:11	10/09/24 19:43	1
2,4,5-Trichlorophenol	ND		190	42	ug/Kg	☼	10/08/24 09:11	10/09/24 19:43	1
2,4,6-Trichlorophenol	ND		190	37	ug/Kg	☼	10/08/24 09:11	10/09/24 19:43	1
2,4-Dichlorophenol	ND		190	35	ug/Kg	☼	10/08/24 09:11	10/09/24 19:43	1
2,4-Dimethylphenol	ND		190	46	ug/Kg	☼	10/08/24 09:11	10/09/24 19:43	1
2,4-Dinitrophenol	ND		420	220	ug/Kg	☼	10/08/24 09:11	10/09/24 19:43	1
2,4-Dinitrotoluene	ND		260	29	ug/Kg	☼	10/08/24 09:11	10/09/24 19:43	1
2,6-Dinitrotoluene	ND		260	46	ug/Kg	☼	10/08/24 09:11	10/09/24 19:43	1
2-Chloronaphthalene	ND		130	36	ug/Kg	☼	10/08/24 09:11	10/09/24 19:43	1
2-Chlorophenol	ND		130	33	ug/Kg	☼	10/08/24 09:11	10/09/24 19:43	1
2-Methylnaphthalene	**100**		51	17	ug/Kg	☼	10/08/24 09:11	10/09/24 19:43	1
2-Methylphenol	ND		260	52	ug/Kg	☼	10/08/24 09:11	10/09/24 19:43	1
2-Nitroaniline	ND		260	49	ug/Kg	☼	10/08/24 09:11	10/09/24 19:43	1
2-Nitrophenol	ND		130	45	ug/Kg	☼	10/08/24 09:11	10/09/24 19:43	1
3,3'-Dichlorobenzidine	ND		190	120	ug/Kg	☼	10/08/24 09:11	10/09/24 19:43	1
3-Nitroaniline	ND		260	45	ug/Kg	☼	10/08/24 09:11	10/09/24 19:43	1
4,6-Dinitro-2-methylphenol	ND		420	130	ug/Kg	☼	10/08/24 09:11	10/09/24 19:43	1
4-Bromophenyl phenyl ether	ND		130	41	ug/Kg	☼	10/08/24 09:11	10/09/24 19:43	1
4-Chloro-3-methylphenol	ND		190	49	ug/Kg	☼	10/08/24 09:11	10/09/24 19:43	1
4-Chloroaniline	ND		190	20	ug/Kg	☼	10/08/24 09:11	10/09/24 19:43	1
4-Chlorophenyl phenyl ether	ND		130	36	ug/Kg	☼	10/08/24 09:11	10/09/24 19:43	1
4-Nitroaniline	ND		260	33	ug/Kg	☼	10/08/24 09:11	10/09/24 19:43	1
4-Nitrophenol	ND		420	120	ug/Kg	☼	10/08/24 09:11	10/09/24 19:43	1
Acenaphthene	ND		51	18	ug/Kg	☼	10/08/24 09:11	10/09/24 19:43	1
Acenaphthylene	ND		51	19	ug/Kg	☼	10/08/24 09:11	10/09/24 19:43	1
Acetophenone	ND		130	32	ug/Kg	☼	10/08/24 09:11	10/09/24 19:43	1
Anthracene	**17**	**J**	51	15	ug/Kg	☼	10/08/24 09:11	10/09/24 19:43	1
Atrazine	ND		420	88	ug/Kg	☼	10/08/24 09:11	10/09/24 19:43	1
Benzaldehyde	ND		420	72	ug/Kg	☼	10/08/24 09:11	10/09/24 19:43	1
Benzo[a]anthracene	**61**		51	19	ug/Kg	☼	10/08/24 09:11	10/09/24 19:43	1
Benzo[a]pyrene	**46**	**J**	51	18	ug/Kg	☼	10/08/24 09:11	10/09/24 19:43	1
Benzo[b]fluoranthene	**84**		51	15	ug/Kg	☼	10/08/24 09:11	10/09/24 19:43	1
Benzo[g,h,i]perylene	**47**	**J**	51	35	ug/Kg	☼	10/08/24 09:11	10/09/24 19:43	1
Benzo[k]fluoranthene	**35**	**J**	51	13	ug/Kg	☼	10/08/24 09:11	10/09/24 19:43	1
Bis(2-chloroethoxy)methane	ND		130	26	ug/Kg	☼	10/08/24 09:11	10/09/24 19:43	1
Bis(2-chloroethyl)ether	ND		130	28	ug/Kg	☼	10/08/24 09:11	10/09/24 19:43	1
Bis(2-ethylhexyl) phthalate	ND		190	72	ug/Kg	☼	10/08/24 09:11	10/09/24 19:43	1
Butyl benzyl phthalate	ND		190	65	ug/Kg	☼	10/08/24 09:11	10/09/24 19:43	1
Caprolactam	ND		420	88	ug/Kg	☼	10/08/24 09:11	10/09/24 19:43	1
Carbazole	ND		130	35	ug/Kg	☼	10/08/24 09:11	10/09/24 19:43	1
Chrysene	**67**		51	18	ug/Kg	☼	10/08/24 09:11	10/09/24 19:43	1
Dibenz(a,h)anthracene	ND		51	19	ug/Kg	☼	10/08/24 09:11	10/09/24 19:43	1

Client Sample ID: T750-E-4.0
Date Collected: 10/05/24 12:40
Date Received: 10/07/24 13:00

Lab Sample ID: 240-212566-20
Matrix: Solid
Percent Solids: 77.2

Method: SW846 8270E - Semivolatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Dibenzofuran	**45**	**J**	130	37	ug/Kg	☼	10/08/24 09:11	10/09/24 19:43	1
Diethyl phthalate	ND		190	55	ug/Kg	☼	10/08/24 09:11	10/09/24 19:43	1
Dimethyl phthalate	ND		190	51	ug/Kg	☼	10/08/24 09:11	10/09/24 19:43	1
Di-n-butyl phthalate	ND		190	65	ug/Kg	☼	10/08/24 09:11	10/09/24 19:43	1
Di-n-octyl phthalate	ND		190	64	ug/Kg	☼	10/08/24 09:11	10/09/24 19:43	1
Fluoranthene	**140**		51	18	ug/Kg	☼	10/08/24 09:11	10/09/24 19:43	1
Fluorene	ND		51	18	ug/Kg	☼	10/08/24 09:11	10/09/24 19:43	1
Hexachlorobenzene	ND		51	18	ug/Kg	☼	10/08/24 09:11	10/09/24 19:43	1
Hexachlorobutadiene	ND		130	27	ug/Kg	☼	10/08/24 09:11	10/09/24 19:43	1
Hexachlorocyclopentadiene	ND	*-	420	50	ug/Kg	☼	10/08/24 09:11	10/09/24 19:43	1
Hexachloroethane	ND		130	41	ug/Kg	☼	10/08/24 09:11	10/09/24 19:43	1
Indeno[1,2,3-cd]pyrene	**31**	**J**	51	15	ug/Kg	☼	10/08/24 09:11	10/09/24 19:43	1
Isophorone	ND		130	33	ug/Kg	☼	10/08/24 09:11	10/09/24 19:43	1
N-Nitrosodi-n-propylamine	ND		130	47	ug/Kg	☼	10/08/24 09:11	10/09/24 19:43	1
N-Nitrosodiphenylamine	ND		130	35	ug/Kg	☼	10/08/24 09:11	10/09/24 19:43	1
Naphthalene	**66**		51	17	ug/Kg	☼	10/08/24 09:11	10/09/24 19:43	1
Nitrobenzene	ND		130	28	ug/Kg	☼	10/08/24 09:11	10/09/24 19:43	1
Pentachlorophenol	ND		350	130	ug/Kg	☼	10/08/24 09:11	10/09/24 19:43	1
Phenanthrene	**130**		51	17	ug/Kg	☼	10/08/24 09:11	10/09/24 19:43	1
Phenol	ND		130	49	ug/Kg	☼	10/08/24 09:11	10/09/24 19:43	1
Pyrene	**100**		51	20	ug/Kg	☼	10/08/24 09:11	10/09/24 19:43	1
3 & 4 Methylphenol	ND		510	52	ug/Kg	☼	10/08/24 09:11	10/09/24 19:43	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Terphenyl-d14 (Surr)	*73*		*37 - 120*	*10/08/24 09:11*	*10/09/24 19:43*	*1*
Phenol-d5 (Surr)	*71*		*29 - 120*	*10/08/24 09:11*	*10/09/24 19:43*	*1*
Nitrobenzene-d5 (Surr)	*44*		*28 - 120*	*10/08/24 09:11*	*10/09/24 19:43*	*1*
2-Fluorophenol (Surr)	*68*		*26 - 120*	*10/08/24 09:11*	*10/09/24 19:43*	*1*
2-Fluorobiphenyl (Surr)	*74*		*36 - 120*	*10/08/24 09:11*	*10/09/24 19:43*	*1*
2,4,6-Tribromophenol (Surr)	*79*		*10 - 120*	*10/08/24 09:11*	*10/09/24 19:43*	*1*

Method: SW846 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aroclor-1016	ND		63	32	ug/Kg	☼	10/08/24 09:17	10/09/24 16:24	1
Aroclor-1221	ND		63	38	ug/Kg	☼	10/08/24 09:17	10/09/24 16:24	1
Aroclor-1232	ND		63	27	ug/Kg	☼	10/08/24 09:17	10/09/24 16:24	1
Aroclor-1242	ND		63	24	ug/Kg	☼	10/08/24 09:17	10/09/24 16:24	1
Aroclor-1248	ND		63	21	ug/Kg	☼	10/08/24 09:17	10/09/24 16:24	1
Aroclor-1254	ND		63	27	ug/Kg	☼	10/08/24 09:17	10/09/24 16:24	1
Aroclor-1260	ND		63	27	ug/Kg	☼	10/08/24 09:17	10/09/24 16:24	1
Aroclor-1262	ND		63	28	ug/Kg	☼	10/08/24 09:17	10/09/24 16:24	1
Aroclor-1268	ND		63	20	ug/Kg	☼	10/08/24 09:17	10/09/24 16:24	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Tetrachloro-m-xylene	*78*		*10 - 149*	*10/08/24 09:17*	*10/09/24 16:24*	*1*
DCB Decachlorobiphenyl	*97*		*10 - 174*	*10/08/24 09:17*	*10/09/24 16:24*	*1*

Method: SW846 6010D - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	**14**		1.5	0.32	mg/Kg	☼	10/08/24 13:00	10/09/24 17:36	1

Client Sample ID: T750-E-4.0

Date Collected: 10/05/24 12:40
Date Received: 10/07/24 13:00

Lab Sample ID: 240-212566-20

Matrix: Solid
Percent Solids: 77.2

Method: SW846 6010D - Metals (ICP) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Barium	50		20	0.13	mg/Kg	☼	10/08/24 13:00	10/09/24 17:36	1
Cadmium	0.12	J	0.51	0.049	mg/Kg	☼	10/08/24 13:00	10/09/24 17:36	1
Chromium	15		1.0	0.35	mg/Kg	☼	10/08/24 13:00	10/09/24 17:36	1
Copper	20		2.5	0.71	mg/Kg	☼	10/08/24 13:00	10/09/24 17:36	1
Lead	19		1.0	0.29	mg/Kg	☼	10/08/24 13:00	10/09/24 17:36	1
Selenium	ND		2.0	0.47	mg/Kg	☼	10/08/24 13:00	10/09/24 17:36	1
Silver	ND		1.0	0.082	mg/Kg	☼	10/08/24 13:00	10/09/24 17:36	1
Zinc	140		5.1	3.7	mg/Kg	☼	10/08/24 13:00	10/09/24 17:36	1

Method: SW846 7471B - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.069	J B	0.15	0.027	mg/Kg	☼	10/08/24 13:00	10/09/24 10:27	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cyanide, Total (SW846 9012B)	ND		15	12	mg/Kg	☼	10/10/24 10:00	10/10/24 13:19	25

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Solids (EPA Moisture)	77.2		0.1	0.1	%			10/08/24 13:25	1
Percent Moisture (EPA Moisture)	22.8		0.1	0.1	%			10/08/24 13:25	1

Client: August Mack Environmental, Inc.
Project/Site: MSC Canfield - Soil

Job ID: 240-212566-1

Client Sample ID: TB-4-20241006
Date Collected: 10/06/24 00:00
Date Received: 10/07/24 13:00

Lab Sample ID: 240-212566-21
Matrix: Water

Method: SW846 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		1.0	0.48	ug/L			10/08/24 21:35	1
1,1,2,2-Tetrachloroethane	ND		1.0	0.60	ug/L			10/08/24 21:35	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		1.0	0.41	ug/L			10/08/24 21:35	1
1,1,2-Trichloroethane	ND		1.0	0.48	ug/L			10/08/24 21:35	1
1,1-Dichloroethane	ND		1.0	0.47	ug/L			10/08/24 21:35	1
1,1-Dichloroethene	ND		1.0	0.49	ug/L			10/08/24 21:35	1
1,2,4-Trichlorobenzene	ND		1.0	0.77	ug/L			10/08/24 21:35	1
1,2-Dibromo-3-Chloropropane	ND		2.0	0.91	ug/L			10/08/24 21:35	1
Ethylene Dibromide	ND		1.0	0.41	ug/L			10/08/24 21:35	1
1,2-Dichlorobenzene	ND		1.0	0.48	ug/L			10/08/24 21:35	1
1,2-Dichloroethane	ND		1.0	0.46	ug/L			10/08/24 21:35	1
1,2-Dichloropropane	ND		1.0	0.47	ug/L			10/08/24 21:35	1
1,3-Dichlorobenzene	ND		1.0	0.45	ug/L			10/08/24 21:35	1
1,4-Dichlorobenzene	ND		1.0	0.41	ug/L			10/08/24 21:35	1
2-Butanone (MEK)	ND		10	1.2	ug/L			10/08/24 21:35	1
2-Hexanone	ND		10	1.1	ug/L			10/08/24 21:35	1
4-Methyl-2-pentanone (MIBK)	ND		10	0.99	ug/L			10/08/24 21:35	1
Acetone	**7.4**	**J**	10	5.4	ug/L			10/08/24 21:35	1
Benzene	ND		1.0	0.42	ug/L			10/08/24 21:35	1
Dichlorobromomethane	ND		1.0	0.38	ug/L			10/08/24 21:35	1
Bromoform	ND		1.0	0.76	ug/L			10/08/24 21:35	1
Bromomethane	ND		1.0	0.42	ug/L			10/08/24 21:35	1
Carbon disulfide	ND		1.0	0.59	ug/L			10/08/24 21:35	1
Carbon tetrachloride	ND		1.0	0.26	ug/L			10/08/24 21:35	1
Chlorobenzene	ND		1.0	0.38	ug/L			10/08/24 21:35	1
Chloroethane	ND		1.0	0.83	ug/L			10/08/24 21:35	1
Chloroform	ND		1.0	0.47	ug/L			10/08/24 21:35	1
Chloromethane	ND		1.0	0.63	ug/L			10/08/24 21:35	1
cis-1,2-Dichloroethene	ND		1.0	0.46	ug/L			10/08/24 21:35	1
cis-1,3-Dichloropropene	ND		1.0	0.61	ug/L			10/08/24 21:35	1
Cyclohexane	ND		1.0	0.48	ug/L			10/08/24 21:35	1
Chlorodibromomethane	ND		1.0	0.39	ug/L			10/08/24 21:35	1
Dichlorodifluoromethane	ND		1.0	0.35	ug/L			10/08/24 21:35	1
Ethylbenzene	ND		1.0	0.42	ug/L			10/08/24 21:35	1
Isopropylbenzene	ND		1.0	0.49	ug/L			10/08/24 21:35	1
Methyl acetate	ND		10	1.7	ug/L			10/08/24 21:35	1
Methyl tert-butyl ether	ND		1.0	0.47	ug/L			10/08/24 21:35	1
Methylcyclohexane	ND		1.0	0.33	ug/L			10/08/24 21:35	1
Methylene Chloride	**2.7**	**J**	5.0	2.6	ug/L			10/08/24 21:35	1
Styrene	ND		1.0	0.45	ug/L			10/08/24 21:35	1
Tetrachloroethene	ND		1.0	0.44	ug/L			10/08/24 21:35	1
Toluene	ND		1.0	0.44	ug/L			10/08/24 21:35	1
trans-1,2-Dichloroethene	ND		1.0	0.51	ug/L			10/08/24 21:35	1
trans-1,3-Dichloropropene	ND		1.0	0.67	ug/L			10/08/24 21:35	1
Trichloroethene	ND		1.0	0.44	ug/L			10/08/24 21:35	1
Trichlorofluoromethane	ND		1.0	0.45	ug/L			10/08/24 21:35	1
Vinyl chloride	ND		1.0	0.45	ug/L			10/08/24 21:35	1
Xylenes, Total	ND		2.0	0.42	ug/L			10/08/24 21:35	1

Client: August Mack Environmental, Inc.
Project/Site: MSC Canfield - Soil

Job ID: 240-212566-1

Client Sample ID: TB-4-20241006
Date Collected: 10/06/24 00:00
Date Received: 10/07/24 13:00

Lab Sample ID: 240-212566-21
Matrix: Water

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
Toluene-d8 (Surr)	106		78 - 122		10/08/24 21:35	1
Dibromofluoromethane (Surr)	100		73 - 120		10/08/24 21:35	1
4-Bromofluorobenzene (Surr)	102		56 - 136		10/08/24 21:35	1
1,2-Dichloroethane-d4 (Surr)	111		62 - 137		10/08/24 21:35	1

Client: August Mack Environmental, Inc.
Project/Site: MSC Canfield - Soil

Job ID: 240-212566-1

Client Sample ID: DUP-5-20241005
Date Collected: 10/05/24 00:00
Date Received: 10/07/24 13:00

Lab Sample ID: 240-212566-22
Matrix: Solid
Percent Solids: 85.4

Method: SW846 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		5.8	2.0	ug/Kg	☼	10/07/24 19:59	10/08/24 06:10	1
1,1,2,2-Tetrachloroethane	ND		5.8	1.6	ug/Kg	☼	10/07/24 19:59	10/08/24 06:10	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		5.8	1.5	ug/Kg	☼	10/07/24 19:59	10/08/24 06:10	1
1,1,2-Trichloroethane	ND		5.8	1.3	ug/Kg	☼	10/07/24 19:59	10/08/24 06:10	1
1,1-Dichloroethane	ND		5.8	1.6	ug/Kg	☼	10/07/24 19:59	10/08/24 06:10	1
1,1-Dichloroethene	ND		5.8	2.1	ug/Kg	☼	10/07/24 19:59	10/08/24 06:10	1
1,2,4-Trichlorobenzene	ND		5.8	2.9	ug/Kg	☼	10/07/24 19:59	10/08/24 06:10	1
1,2-Dibromo-3-Chloropropane	ND		12	4.1	ug/Kg	☼	10/07/24 19:59	10/08/24 06:10	1
Ethylene Dibromide	ND		5.8	0.89	ug/Kg	☼	10/07/24 19:59	10/08/24 06:10	1
1,2-Dichlorobenzene	ND		5.8	1.3	ug/Kg	☼	10/07/24 19:59	10/08/24 06:10	1
1,2-Dichloroethane	ND		5.8	2.1	ug/Kg	☼	10/07/24 19:59	10/08/24 06:10	1
1,2-Dichloropropane	ND		5.8	0.98	ug/Kg	☼	10/07/24 19:59	10/08/24 06:10	1
1,3-Dichlorobenzene	ND		5.8	1.9	ug/Kg	☼	10/07/24 19:59	10/08/24 06:10	1
1,4-Dichlorobenzene	ND		5.8	1.0	ug/Kg	☼	10/07/24 19:59	10/08/24 06:10	1
2-Butanone (MEK)	ND		23	4.1	ug/Kg	☼	10/07/24 19:59	10/08/24 06:10	1
2-Hexanone	ND		23	4.7	ug/Kg	☼	10/07/24 19:59	10/08/24 06:10	1
4-Methyl-2-pentanone (MIBK)	ND		23	4.3	ug/Kg	☼	10/07/24 19:59	10/08/24 06:10	1
Acetone	ND		29	24	ug/Kg	☼	10/07/24 19:59	10/08/24 06:10	1
Benzene	ND		5.8	0.80	ug/Kg	☼	10/07/24 19:59	10/08/24 06:10	1
Dichlorobromomethane	ND		5.8	1.7	ug/Kg	☼	10/07/24 19:59	10/08/24 06:10	1
Bromoform	ND		5.8	2.8	ug/Kg	☼	10/07/24 19:59	10/08/24 06:10	1
Bromomethane	ND		5.8	4.8	ug/Kg	☼	10/07/24 19:59	10/08/24 06:10	1
Carbon disulfide	ND		5.8	1.3	ug/Kg	☼	10/07/24 19:59	10/08/24 06:10	1
Carbon tetrachloride	ND		5.8	3.7	ug/Kg	☼	10/07/24 19:59	10/08/24 06:10	1
Chlorobenzene	ND		5.8	1.1	ug/Kg	☼	10/07/24 19:59	10/08/24 06:10	1
Chloroethane	ND		5.8	3.2	ug/Kg	☼	10/07/24 19:59	10/08/24 06:10	1
Chloroform	ND		5.8	0.91	ug/Kg	☼	10/07/24 19:59	10/08/24 06:10	1
Chloromethane	ND		5.8	2.6	ug/Kg	☼	10/07/24 19:59	10/08/24 06:10	1
cis-1,2-Dichloroethene	ND		5.8	1.7	ug/Kg	☼	10/07/24 19:59	10/08/24 06:10	1
cis-1,3-Dichloropropene	ND		5.8	3.3	ug/Kg	☼	10/07/24 19:59	10/08/24 06:10	1
Cyclohexane	ND		12	1.6	ug/Kg	☼	10/07/24 19:59	10/08/24 06:10	1
Chlorodibromomethane	ND		5.8	3.2	ug/Kg	☼	10/07/24 19:59	10/08/24 06:10	1
Dichlorodifluoromethane	ND		5.8	2.6	ug/Kg	☼	10/07/24 19:59	10/08/24 06:10	1
Ethylbenzene	ND		5.8	1.2	ug/Kg	☼	10/07/24 19:59	10/08/24 06:10	1
Isopropylbenzene	ND		5.8	2.2	ug/Kg	☼	10/07/24 19:59	10/08/24 06:10	1
Methyl acetate	ND		29	3.9	ug/Kg	☼	10/07/24 19:59	10/08/24 06:10	1
Methyl tert-butyl ether	ND		5.8	2.3	ug/Kg	☼	10/07/24 19:59	10/08/24 06:10	1
Methylcyclohexane	ND		12	1.4	ug/Kg	☼	10/07/24 19:59	10/08/24 06:10	1
Methylene Chloride	ND		29	14	ug/Kg	☼	10/07/24 19:59	10/08/24 06:10	1
Styrene	ND		5.8	1.3	ug/Kg	☼	10/07/24 19:59	10/08/24 06:10	1
Tetrachloroethene	ND		5.8	4.5	ug/Kg	☼	10/07/24 19:59	10/08/24 06:10	1
Toluene	ND		5.8	0.89	ug/Kg	☼	10/07/24 19:59	10/08/24 06:10	1
trans-1,2-Dichloroethene	ND		5.8	1.6	ug/Kg	☼	10/07/24 19:59	10/08/24 06:10	1
trans-1,3-Dichloropropene	ND		5.8	4.3	ug/Kg	☼	10/07/24 19:59	10/08/24 06:10	1
Trichloroethene	ND		5.8	1.6	ug/Kg	☼	10/07/24 19:59	10/08/24 06:10	1
Trichlorofluoromethane	ND		5.8	3.1	ug/Kg	☼	10/07/24 19:59	10/08/24 06:10	1
Vinyl chloride	ND		5.8	2.0	ug/Kg	☼	10/07/24 19:59	10/08/24 06:10	1
Xylenes, Total	ND		12	1.8	ug/Kg	☼	10/07/24 19:59	10/08/24 06:10	1

Client Sample ID: DUP-5-20241005

Date Collected: 10/05/24 00:00
Date Received: 10/07/24 13:00

Lab Sample ID: 240-212566-22

Matrix: Solid
Percent Solids: 85.4

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
Toluene-d8 (Surr)	*101*		*56 - 125*	*10/07/24 19:59*	*10/08/24 06:10*	*1*
Dibromofluoromethane (Surr)	*92*		*41 - 138*	*10/07/24 19:59*	*10/08/24 06:10*	*1*
4-Bromofluorobenzene (Surr)	*99*		*41 - 143*	*10/07/24 19:59*	*10/08/24 06:10*	*1*
1,2-Dichloroethane-d4 (Surr)	*103*		*58 - 125*	*10/07/24 19:59*	*10/08/24 06:10*	*1*

Method: SW846 8270E - Semivolatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1'-Biphenyl	ND		120	33	ug/Kg	☼	10/08/24 09:30	10/09/24 20:08	1
bis (2-chloroisopropyl) ether	ND		120	30	ug/Kg	☼	10/08/24 09:30	10/09/24 20:08	1
2,4,5-Trichlorophenol	ND		170	38	ug/Kg	☼	10/08/24 09:30	10/09/24 20:08	1
2,4,6-Trichlorophenol	ND		170	34	ug/Kg	☼	10/08/24 09:30	10/09/24 20:08	1
2,4-Dichlorophenol	ND		170	31	ug/Kg	☼	10/08/24 09:30	10/09/24 20:08	1
2,4-Dimethylphenol	ND		170	42	ug/Kg	☼	10/08/24 09:30	10/09/24 20:08	1
2,4-Dinitrophenol	ND		380	200	ug/Kg	☼	10/08/24 09:30	10/09/24 20:08	1
2,4-Dinitrotoluene	ND		230	27	ug/Kg	☼	10/08/24 09:30	10/09/24 20:08	1
2,6-Dinitrotoluene	ND		230	42	ug/Kg	☼	10/08/24 09:30	10/09/24 20:08	1
2-Chloronaphthalene	ND		120	33	ug/Kg	☼	10/08/24 09:30	10/09/24 20:08	1
2-Chlorophenol	ND		120	30	ug/Kg	☼	10/08/24 09:30	10/09/24 20:08	1
2-Methylnaphthalene	ND		46	15	ug/Kg	☼	10/08/24 09:30	10/09/24 20:08	1
2-Methylphenol	ND		230	48	ug/Kg	☼	10/08/24 09:30	10/09/24 20:08	1
2-Nitroaniline	ND		230	44	ug/Kg	☼	10/08/24 09:30	10/09/24 20:08	1
2-Nitrophenol	ND		120	41	ug/Kg	☼	10/08/24 09:30	10/09/24 20:08	1
3,3'-Dichlorobenzidine	ND		170	110	ug/Kg	☼	10/08/24 09:30	10/09/24 20:08	1
3-Nitroaniline	ND		230	41	ug/Kg	☼	10/08/24 09:30	10/09/24 20:08	1
4,6-Dinitro-2-methylphenol	ND		380	120	ug/Kg	☼	10/08/24 09:30	10/09/24 20:08	1
4-Bromophenyl phenyl ether	ND		120	37	ug/Kg	☼	10/08/24 09:30	10/09/24 20:08	1
4-Chloro-3-methylphenol	ND		170	44	ug/Kg	☼	10/08/24 09:30	10/09/24 20:08	1
4-Chloroaniline	ND		170	19	ug/Kg	☼	10/08/24 09:30	10/09/24 20:08	1
4-Chlorophenyl phenyl ether	ND		120	33	ug/Kg	☼	10/08/24 09:30	10/09/24 20:08	1
4-Nitroaniline	ND		230	30	ug/Kg	☼	10/08/24 09:30	10/09/24 20:08	1
4-Nitrophenol	ND		380	100	ug/Kg	☼	10/08/24 09:30	10/09/24 20:08	1
Acenaphthene	ND		46	16	ug/Kg	☼	10/08/24 09:30	10/09/24 20:08	1
Acenaphthylene	ND		46	17	ug/Kg	☼	10/08/24 09:30	10/09/24 20:08	1
Acetophenone	ND		120	29	ug/Kg	☼	10/08/24 09:30	10/09/24 20:08	1
Anthracene	ND		46	14	ug/Kg	☼	10/08/24 09:30	10/09/24 20:08	1
Atrazine	ND		380	80	ug/Kg	☼	10/08/24 09:30	10/09/24 20:08	1
Benzaldehyde	ND		380	65	ug/Kg	☼	10/08/24 09:30	10/09/24 20:08	1
Benzo[a]anthracene	**21**	**J**	46	17	ug/Kg	☼	10/08/24 09:30	10/09/24 20:08	1
Benzo[a]pyrene	**18**	**J**	46	16	ug/Kg	☼	10/08/24 09:30	10/09/24 20:08	1
Benzo[b]fluoranthene	**45**	**J**	46	14	ug/Kg	☼	10/08/24 09:30	10/09/24 20:08	1
Benzo[g,h,i]perylene	ND		46	31	ug/Kg	☼	10/08/24 09:30	10/09/24 20:08	1
Benzo[k]fluoranthene	**19**	**J**	46	12	ug/Kg	☼	10/08/24 09:30	10/09/24 20:08	1
Bis(2-chloroethoxy)methane	ND		120	23	ug/Kg	☼	10/08/24 09:30	10/09/24 20:08	1
Bis(2-chloroethyl)ether	ND		120	26	ug/Kg	☼	10/08/24 09:30	10/09/24 20:08	1
Bis(2-ethylhexyl) phthalate	ND		170	65	ug/Kg	☼	10/08/24 09:30	10/09/24 20:08	1
Butyl benzyl phthalate	ND		170	59	ug/Kg	☼	10/08/24 09:30	10/09/24 20:08	1
Caprolactam	ND		380	80	ug/Kg	☼	10/08/24 09:30	10/09/24 20:08	1
Carbazole	ND		120	31	ug/Kg	☼	10/08/24 09:30	10/09/24 20:08	1
Chrysene	**32**	**J**	46	16	ug/Kg	☼	10/08/24 09:30	10/09/24 20:08	1
Dibenz(a,h)anthracene	ND		46	17	ug/Kg	☼	10/08/24 09:30	10/09/24 20:08	1

Client Sample ID: DUP-5-20241005

Date Collected: 10/05/24 00:00
Date Received: 10/07/24 13:00

Lab Sample ID: 240-212566-22

Matrix: Solid
Percent Solids: 85.4

Method: SW846 8270E - Semivolatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Dibenzofuran	ND		120	34	ug/Kg	☼	10/08/24 09:30	10/09/24 20:08	1
Diethyl phthalate	ND		170	50	ug/Kg	☼	10/08/24 09:30	10/09/24 20:08	1
Dimethyl phthalate	ND		170	46	ug/Kg	☼	10/08/24 09:30	10/09/24 20:08	1
Di-n-butyl phthalate	ND		170	59	ug/Kg	☼	10/08/24 09:30	10/09/24 20:08	1
Di-n-octyl phthalate	ND		170	58	ug/Kg	☼	10/08/24 09:30	10/09/24 20:08	1
Fluoranthene	**52**		46	16	ug/Kg	☼	10/08/24 09:30	10/09/24 20:08	1
Fluorene	ND		46	16	ug/Kg	☼	10/08/24 09:30	10/09/24 20:08	1
Hexachlorobenzene	ND		46	16	ug/Kg	☼	10/08/24 09:30	10/09/24 20:08	1
Hexachlorobutadiene	ND		120	24	ug/Kg	☼	10/08/24 09:30	10/09/24 20:08	1
Hexachlorocyclopentadiene	ND		380	45	ug/Kg	☼	10/08/24 09:30	10/09/24 20:08	1
Hexachloroethane	ND		120	37	ug/Kg	☼	10/08/24 09:30	10/09/24 20:08	1
Indeno[1,2,3-cd]pyrene	ND		46	14	ug/Kg	☼	10/08/24 09:30	10/09/24 20:08	1
Isophorone	ND		120	30	ug/Kg	☼	10/08/24 09:30	10/09/24 20:08	1
N-Nitrosodi-n-propylamine	ND		120	43	ug/Kg	☼	10/08/24 09:30	10/09/24 20:08	1
N-Nitrosodiphenylamine	ND		120	31	ug/Kg	☼	10/08/24 09:30	10/09/24 20:08	1
Naphthalene	ND		46	15	ug/Kg	☼	10/08/24 09:30	10/09/24 20:08	1
Nitrobenzene	ND		120	26	ug/Kg	☼	10/08/24 09:30	10/09/24 20:08	1
Pentachlorophenol	ND		310	120	ug/Kg	☼	10/08/24 09:30	10/09/24 20:08	1
Phenanthrene	**28**	**J**	46	15	ug/Kg	☼	10/08/24 09:30	10/09/24 20:08	1
Phenol	ND		120	44	ug/Kg	☼	10/08/24 09:30	10/09/24 20:08	1
Pyrene	**41**	**J**	46	19	ug/Kg	☼	10/08/24 09:30	10/09/24 20:08	1
3 & 4 Methylphenol	ND		460	48	ug/Kg	☼	10/08/24 09:30	10/09/24 20:08	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Terphenyl-d14 (Surr)	*88*		*37 - 120*	*10/08/24 09:30*	*10/09/24 20:08*	*1*
Phenol-d5 (Surr)	*84*		*29 - 120*	*10/08/24 09:30*	*10/09/24 20:08*	*1*
Nitrobenzene-d5 (Surr)	*74*		*28 - 120*	*10/08/24 09:30*	*10/09/24 20:08*	*1*
2-Fluorophenol (Surr)	*83*		*26 - 120*	*10/08/24 09:30*	*10/09/24 20:08*	*1*
2-Fluorobiphenyl (Surr)	*87*		*36 - 120*	*10/08/24 09:30*	*10/09/24 20:08*	*1*
2,4,6-Tribromophenol (Surr)	*88*		*10 - 120*	*10/08/24 09:30*	*10/09/24 20:08*	*1*

Method: SW846 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aroclor-1016	ND		61	30	ug/Kg	☼	10/08/24 10:23	10/08/24 22:09	1
Aroclor-1221	ND		61	36	ug/Kg	☼	10/08/24 10:23	10/08/24 22:09	1
Aroclor-1232	ND		61	26	ug/Kg	☼	10/08/24 10:23	10/08/24 22:09	1
Aroclor-1242	ND		61	23	ug/Kg	☼	10/08/24 10:23	10/08/24 22:09	1
Aroclor-1248	ND		61	21	ug/Kg	☼	10/08/24 10:23	10/08/24 22:09	1
Aroclor-1254	ND		61	26	ug/Kg	☼	10/08/24 10:23	10/08/24 22:09	1
Aroclor-1260	**180**		61	26	ug/Kg	☼	10/08/24 10:23	10/08/24 22:09	1
Aroclor-1262	ND		61	27	ug/Kg	☼	10/08/24 10:23	10/08/24 22:09	1
Aroclor-1268	ND		61	19	ug/Kg	☼	10/08/24 10:23	10/08/24 22:09	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Tetrachloro-m-xylene	*77*		*10 - 149*	*10/08/24 10:23*	*10/08/24 22:09*	*1*
DCB Decachlorobiphenyl	*92*		*10 - 174*	*10/08/24 10:23*	*10/08/24 22:09*	*1*

Method: SW846 6010D - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	**16**		1.3	0.28	mg/Kg	☼	10/08/24 13:00	10/09/24 14:53	1

Client: August Mack Environmental, Inc.
Project/Site: MSC Canfield - Soil

Job ID: 240-212566-1

Client Sample ID: DUP-5-20241005
Date Collected: 10/05/24 00:00
Date Received: 10/07/24 13:00

Lab Sample ID: 240-212566-22
Matrix: Solid
Percent Solids: 85.4

Method: SW846 6010D - Metals (ICP) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Barium	37		18	0.11	mg/Kg	☼	10/08/24 13:00	10/09/24 14:53	1
Cadmium	ND		0.44	0.043	mg/Kg	☼	10/08/24 13:00	10/09/24 14:53	1
Chromium	16		0.89	0.30	mg/Kg	☼	10/08/24 13:00	10/09/24 14:53	1
Copper	19		2.2	0.62	mg/Kg	☼	10/08/24 13:00	10/09/24 14:53	1
Lead	11		0.89	0.25	mg/Kg	☼	10/08/24 13:00	10/09/24 14:53	1
Selenium	ND		1.8	0.42	mg/Kg	☼	10/08/24 13:00	10/09/24 14:53	1
Silver	ND		0.89	0.072	mg/Kg	☼	10/08/24 13:00	10/09/24 14:53	1
Zinc	160		4.4	3.2	mg/Kg	☼	10/08/24 13:00	10/09/24 14:53	1

Method: SW846 7471B - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.029	J	0.11	0.019	mg/Kg	☼	10/08/24 13:00	10/09/24 10:46	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cyanide, Total (SW846 9012B)	0.92		0.70	0.55	mg/Kg	☼	10/10/24 11:02	10/10/24 17:13	1

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Solids (EPA Moisture)	85.4		0.1	0.1	%			10/08/24 13:25	1
Percent Moisture (EPA Moisture)	14.6		0.1	0.1	%			10/08/24 13:25	1

Client: August Mack Environmental, Inc.
Project/Site: MSC Canfield - Soil

Job ID: 240-212566-1

Client Sample ID: T1125-E-2.0
Date Collected: 10/06/24 13:45
Date Received: 10/07/24 13:00

Lab Sample ID: 240-212566-23
Matrix: Solid
Percent Solids: 82.8

Method: SW846 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		5.8	2.0	ug/Kg	☼	10/08/24 11:15	10/08/24 14:02	1
1,1,2,2-Tetrachloroethane	ND		5.8	1.6	ug/Kg	☼	10/08/24 11:15	10/08/24 14:02	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		5.8	1.5	ug/Kg	☼	10/08/24 11:15	10/08/24 14:02	1
1,1,2-Trichloroethane	ND		5.8	1.3	ug/Kg	☼	10/08/24 11:15	10/08/24 14:02	1
1,1-Dichloroethane	ND		5.8	1.6	ug/Kg	☼	10/08/24 11:15	10/08/24 14:02	1
1,1-Dichloroethene	ND		5.8	2.1	ug/Kg	☼	10/08/24 11:15	10/08/24 14:02	1
1,2,4-Trichlorobenzene	ND		5.8	2.9	ug/Kg	☼	10/08/24 11:15	10/08/24 14:02	1
1,2-Dibromo-3-Chloropropane	ND		12	4.2	ug/Kg	☼	10/08/24 11:15	10/08/24 14:02	1
Ethylene Dibromide	ND		5.8	0.89	ug/Kg	☼	10/08/24 11:15	10/08/24 14:02	1
1,2-Dichlorobenzene	ND		5.8	1.3	ug/Kg	☼	10/08/24 11:15	10/08/24 14:02	1
1,2-Dichloroethane	ND		5.8	2.1	ug/Kg	☼	10/08/24 11:15	10/08/24 14:02	1
1,2-Dichloropropane	ND		5.8	0.98	ug/Kg	☼	10/08/24 11:15	10/08/24 14:02	1
1,3-Dichlorobenzene	ND		5.8	1.9	ug/Kg	☼	10/08/24 11:15	10/08/24 14:02	1
1,4-Dichlorobenzene	ND		5.8	1.0	ug/Kg	☼	10/08/24 11:15	10/08/24 14:02	1
2-Butanone (MEK)	**6.7**	**J**	23	4.1	ug/Kg	☼	10/08/24 11:15	10/08/24 14:02	1
2-Hexanone	ND		23	4.7	ug/Kg	☼	10/08/24 11:15	10/08/24 14:02	1
4-Methyl-2-pentanone (MIBK)	ND		23	4.3	ug/Kg	☼	10/08/24 11:15	10/08/24 14:02	1
Acetone	**41**		29	24	ug/Kg	☼	10/08/24 11:15	10/08/24 14:02	1
Benzene	ND		5.8	0.80	ug/Kg	☼	10/08/24 11:15	10/08/24 14:02	1
Dichlorobromomethane	ND		5.8	1.7	ug/Kg	☼	10/08/24 11:15	10/08/24 14:02	1
Bromoform	ND		5.8	2.8	ug/Kg	☼	10/08/24 11:15	10/08/24 14:02	1
Bromomethane	ND		5.8	4.8	ug/Kg	☼	10/08/24 11:15	10/08/24 14:02	1
Carbon disulfide	ND		5.8	1.3	ug/Kg	☼	10/08/24 11:15	10/08/24 14:02	1
Carbon tetrachloride	ND		5.8	3.7	ug/Kg	☼	10/08/24 11:15	10/08/24 14:02	1
Chlorobenzene	ND		5.8	1.1	ug/Kg	☼	10/08/24 11:15	10/08/24 14:02	1
Chloroethane	ND		5.8	3.2	ug/Kg	☼	10/08/24 11:15	10/08/24 14:02	1
Chloroform	ND		5.8	0.91	ug/Kg	☼	10/08/24 11:15	10/08/24 14:02	1
Chloromethane	ND		5.8	2.6	ug/Kg	☼	10/08/24 11:15	10/08/24 14:02	1
cis-1,2-Dichloroethene	ND		5.8	1.7	ug/Kg	☼	10/08/24 11:15	10/08/24 14:02	1
cis-1,3-Dichloropropene	ND		5.8	3.3	ug/Kg	☼	10/08/24 11:15	10/08/24 14:02	1
Cyclohexane	ND		12	1.6	ug/Kg	☼	10/08/24 11:15	10/08/24 14:02	1
Chlorodibromomethane	ND		5.8	3.2	ug/Kg	☼	10/08/24 11:15	10/08/24 14:02	1
Dichlorodifluoromethane	ND		5.8	2.6	ug/Kg	☼	10/08/24 11:15	10/08/24 14:02	1
Ethylbenzene	ND		5.8	1.2	ug/Kg	☼	10/08/24 11:15	10/08/24 14:02	1
Isopropylbenzene	ND		5.8	2.2	ug/Kg	☼	10/08/24 11:15	10/08/24 14:02	1
Methyl acetate	ND		29	3.9	ug/Kg	☼	10/08/24 11:15	10/08/24 14:02	1
Methyl tert-butyl ether	ND		5.8	2.3	ug/Kg	☼	10/08/24 11:15	10/08/24 14:02	1
Methylcyclohexane	ND		12	1.4	ug/Kg	☼	10/08/24 11:15	10/08/24 14:02	1
Methylene Chloride	ND		29	14	ug/Kg	☼	10/08/24 11:15	10/08/24 14:02	1
Styrene	ND		5.8	1.3	ug/Kg	☼	10/08/24 11:15	10/08/24 14:02	1
Tetrachloroethene	ND		5.8	4.5	ug/Kg	☼	10/08/24 11:15	10/08/24 14:02	1
Toluene	ND		5.8	0.89	ug/Kg	☼	10/08/24 11:15	10/08/24 14:02	1
trans-1,2-Dichloroethene	ND		5.8	1.6	ug/Kg	☼	10/08/24 11:15	10/08/24 14:02	1
trans-1,3-Dichloropropene	ND		5.8	4.3	ug/Kg	☼	10/08/24 11:15	10/08/24 14:02	1
Trichloroethene	ND		5.8	1.7	ug/Kg	☼	10/08/24 11:15	10/08/24 14:02	1
Trichlorofluoromethane	ND		5.8	3.1	ug/Kg	☼	10/08/24 11:15	10/08/24 14:02	1
Vinyl chloride	ND		5.8	2.0	ug/Kg	☼	10/08/24 11:15	10/08/24 14:02	1
Xylenes, Total	ND		12	1.8	ug/Kg	☼	10/08/24 11:15	10/08/24 14:02	1

Client: August Mack Environmental, Inc.
Project/Site: MSC Canfield - Soil

Job ID: 240-212566-1

Client Sample ID: T1125-E-2.0
Date Collected: 10/06/24 13:45
Date Received: 10/07/24 13:00

Lab Sample ID: 240-212566-23
Matrix: Solid
Percent Solids: 82.8

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Toluene-d8 (Surr)	*102*		*56 - 125*	*10/08/24 11:15*	*10/08/24 14:02*	*1*
Dibromofluoromethane (Surr)	*92*		*41 - 138*	*10/08/24 11:15*	*10/08/24 14:02*	*1*
4-Bromofluorobenzene (Surr)	*99*		*41 - 143*	*10/08/24 11:15*	*10/08/24 14:02*	*1*
1,2-Dichloroethane-d4 (Surr)	*104*		*58 - 125*	*10/08/24 11:15*	*10/08/24 14:02*	*1*

Method: SW846 8270E - Semivolatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1'-Biphenyl	ND		120	33	ug/Kg	☼	10/08/24 09:30	10/10/24 12:06	1
bis (2-chloroisopropyl) ether	ND		120	31	ug/Kg	☼	10/08/24 09:30	10/10/24 12:06	1
2,4,5-Trichlorophenol	ND		180	39	ug/Kg	☼	10/08/24 09:30	10/10/24 12:06	1
2,4,6-Trichlorophenol	ND		180	35	ug/Kg	☼	10/08/24 09:30	10/10/24 12:06	1
2,4-Dichlorophenol	ND		180	32	ug/Kg	☼	10/08/24 09:30	10/10/24 12:06	1
2,4-Dimethylphenol	ND		180	43	ug/Kg	☼	10/08/24 09:30	10/10/24 12:06	1
2,4-Dinitrophenol	ND		390	200	ug/Kg	☼	10/08/24 09:30	10/10/24 12:06	1
2,4-Dinitrotoluene	ND		240	27	ug/Kg	☼	10/08/24 09:30	10/10/24 12:06	1
2,6-Dinitrotoluene	ND		240	43	ug/Kg	☼	10/08/24 09:30	10/10/24 12:06	1
2-Chloronaphthalene	ND		120	33	ug/Kg	☼	10/08/24 09:30	10/10/24 12:06	1
2-Chlorophenol	ND		120	31	ug/Kg	☼	10/08/24 09:30	10/10/24 12:06	1
2-Methylnaphthalene	ND		48	16	ug/Kg	☼	10/08/24 09:30	10/10/24 12:06	1
2-Methylphenol	ND		240	49	ug/Kg	☼	10/08/24 09:30	10/10/24 12:06	1
2-Nitroaniline	ND		240	45	ug/Kg	☼	10/08/24 09:30	10/10/24 12:06	1
2-Nitrophenol	ND		120	42	ug/Kg	☼	10/08/24 09:30	10/10/24 12:06	1
3,3'-Dichlorobenzidine	ND		180	110	ug/Kg	☼	10/08/24 09:30	10/10/24 12:06	1
3-Nitroaniline	ND		240	42	ug/Kg	☼	10/08/24 09:30	10/10/24 12:06	1
4,6-Dinitro-2-methylphenol	ND		390	120	ug/Kg	☼	10/08/24 09:30	10/10/24 12:06	1
4-Bromophenyl phenyl ether	ND		120	38	ug/Kg	☼	10/08/24 09:30	10/10/24 12:06	1
4-Chloro-3-methylphenol	ND		180	45	ug/Kg	☼	10/08/24 09:30	10/10/24 12:06	1
4-Chloroaniline	ND		180	19	ug/Kg	☼	10/08/24 09:30	10/10/24 12:06	1
4-Chlorophenyl phenyl ether	ND		120	33	ug/Kg	☼	10/08/24 09:30	10/10/24 12:06	1
4-Nitroaniline	ND		240	31	ug/Kg	☼	10/08/24 09:30	10/10/24 12:06	1
4-Nitrophenol	ND		390	110	ug/Kg	☼	10/08/24 09:30	10/10/24 12:06	1
Acenaphthene	ND		48	17	ug/Kg	☼	10/08/24 09:30	10/10/24 12:06	1
Acenaphthylene	ND		48	18	ug/Kg	☼	10/08/24 09:30	10/10/24 12:06	1
Acetophenone	ND		120	30	ug/Kg	☼	10/08/24 09:30	10/10/24 12:06	1
Anthracene	ND		48	14	ug/Kg	☼	10/08/24 09:30	10/10/24 12:06	1
Atrazine	ND		390	82	ug/Kg	☼	10/08/24 09:30	10/10/24 12:06	1
Benzaldehyde	ND		390	67	ug/Kg	☼	10/08/24 09:30	10/10/24 12:06	1
Benzo[a]anthracene	ND		48	18	ug/Kg	☼	10/08/24 09:30	10/10/24 12:06	1
Benzo[a]pyrene	ND		48	17	ug/Kg	☼	10/08/24 09:30	10/10/24 12:06	1
Benzo[b]fluoranthene	**31**	**J**	48	14	ug/Kg	☼	10/08/24 09:30	10/10/24 12:06	1
Benzo[g,h,i]perylene	ND		48	32	ug/Kg	☼	10/08/24 09:30	10/10/24 12:06	1
Benzo[k]fluoranthene	ND		48	12	ug/Kg	☼	10/08/24 09:30	10/10/24 12:06	1
Bis(2-chloroethoxy)methane	ND		120	24	ug/Kg	☼	10/08/24 09:30	10/10/24 12:06	1
Bis(2-chloroethyl)ether	ND		120	26	ug/Kg	☼	10/08/24 09:30	10/10/24 12:06	1
Bis(2-ethylhexyl) phthalate	ND		180	67	ug/Kg	☼	10/08/24 09:30	10/10/24 12:06	1
Butyl benzyl phthalate	ND		180	61	ug/Kg	☼	10/08/24 09:30	10/10/24 12:06	1
Caprolactam	ND		390	82	ug/Kg	☼	10/08/24 09:30	10/10/24 12:06	1
Carbazole	ND	F1	120	32	ug/Kg	☼	10/08/24 09:30	10/10/24 12:06	1
Chrysene	**23**	**J**	48	17	ug/Kg	☼	10/08/24 09:30	10/10/24 12:06	1
Dibenz(a,h)anthracene	ND		48	18	ug/Kg	☼	10/08/24 09:30	10/10/24 12:06	1

Client Sample ID: T1125-E-2.0
Date Collected: 10/06/24 13:45
Date Received: 10/07/24 13:00

Lab Sample ID: 240-212566-23
Matrix: Solid
Percent Solids: 82.8

Method: SW846 8270E - Semivolatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Dibenzofuran	ND		120	35	ug/Kg	☼	10/08/24 09:30	10/10/24 12:06	1
Diethyl phthalate	ND		180	51	ug/Kg	☼	10/08/24 09:30	10/10/24 12:06	1
Dimethyl phthalate	ND		180	48	ug/Kg	☼	10/08/24 09:30	10/10/24 12:06	1
Di-n-butyl phthalate	ND		180	61	ug/Kg	☼	10/08/24 09:30	10/10/24 12:06	1
Di-n-octyl phthalate	ND		180	60	ug/Kg	☼	10/08/24 09:30	10/10/24 12:06	1
Fluoranthene	**29**	**J**	48	17	ug/Kg	☼	10/08/24 09:30	10/10/24 12:06	1
Fluorene	ND		48	17	ug/Kg	☼	10/08/24 09:30	10/10/24 12:06	1
Hexachlorobenzene	ND		48	17	ug/Kg	☼	10/08/24 09:30	10/10/24 12:06	1
Hexachlorobutadiene	ND		120	25	ug/Kg	☼	10/08/24 09:30	10/10/24 12:06	1
Hexachlorocyclopentadiene	ND	F1	390	47	ug/Kg	☼	10/08/24 09:30	10/10/24 12:06	1
Hexachloroethane	ND		120	38	ug/Kg	☼	10/08/24 09:30	10/10/24 12:06	1
Indeno[1,2,3-cd]pyrene	**17**	**J**	48	14	ug/Kg	☼	10/08/24 09:30	10/10/24 12:06	1
Isophorone	ND		120	31	ug/Kg	☼	10/08/24 09:30	10/10/24 12:06	1
N-Nitrosodi-n-propylamine	ND		120	44	ug/Kg	☼	10/08/24 09:30	10/10/24 12:06	1
N-Nitrosodiphenylamine	ND		120	32	ug/Kg	☼	10/08/24 09:30	10/10/24 12:06	1
Naphthalene	ND		48	16	ug/Kg	☼	10/08/24 09:30	10/10/24 12:06	1
Nitrobenzene	ND		120	26	ug/Kg	☼	10/08/24 09:30	10/10/24 12:06	1
Pentachlorophenol	ND		320	130	ug/Kg	☼	10/08/24 09:30	10/10/24 12:06	1
Phenanthrene	**30**	**J**	48	16	ug/Kg	☼	10/08/24 09:30	10/10/24 12:06	1
Phenol	ND		120	45	ug/Kg	☼	10/08/24 09:30	10/10/24 12:06	1
Pyrene	**23**	**J**	48	19	ug/Kg	☼	10/08/24 09:30	10/10/24 12:06	1
3 & 4 Methylphenol	ND		480	49	ug/Kg	☼	10/08/24 09:30	10/10/24 12:06	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Terphenyl-d14 (Surr)	*75*		*37 - 120*	*10/08/24 09:30*	*10/10/24 12:06*	*1*
Phenol-d5 (Surr)	*74*		*29 - 120*	*10/08/24 09:30*	*10/10/24 12:06*	*1*
Nitrobenzene-d5 (Surr)	*61*		*28 - 120*	*10/08/24 09:30*	*10/10/24 12:06*	*1*
2-Fluorophenol (Surr)	*76*		*26 - 120*	*10/08/24 09:30*	*10/10/24 12:06*	*1*
2-Fluorobiphenyl (Surr)	*79*		*36 - 120*	*10/08/24 09:30*	*10/10/24 12:06*	*1*
2,4,6-Tribromophenol (Surr)	*78*		*10 - 120*	*10/08/24 09:30*	*10/10/24 12:06*	*1*

Method: SW846 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aroclor-1016	ND		60	30	ug/Kg	☼	10/10/24 09:29	10/10/24 15:44	1
Aroclor-1221	ND		60	36	ug/Kg	☼	10/10/24 09:29	10/10/24 15:44	1
Aroclor-1232	ND		60	25	ug/Kg	☼	10/10/24 09:29	10/10/24 15:44	1
Aroclor-1242	ND		60	23	ug/Kg	☼	10/10/24 09:29	10/10/24 15:44	1
Aroclor-1248	ND		60	21	ug/Kg	☼	10/10/24 09:29	10/10/24 15:44	1
Aroclor-1254	ND		60	25	ug/Kg	☼	10/10/24 09:29	10/10/24 15:44	1
Aroclor-1260	ND		60	25	ug/Kg	☼	10/10/24 09:29	10/10/24 15:44	1
Aroclor-1262	ND		60	27	ug/Kg	☼	10/10/24 09:29	10/10/24 15:44	1
Aroclor-1268	ND		60	19	ug/Kg	☼	10/10/24 09:29	10/10/24 15:44	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Tetrachloro-m-xylene	*75*		*10 - 149*	*10/10/24 09:29*	*10/10/24 15:44*	*1*
DCB Decachlorobiphenyl	*93*		*10 - 174*	*10/10/24 09:29*	*10/10/24 15:44*	*1*

Method: SW846 6010D - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	**25**		1.6	0.33	mg/Kg	☼	10/08/24 13:00	10/09/24 14:00	1

Client: August Mack Environmental, Inc.
Project/Site: MSC Canfield - Soil

Job ID: 240-212566-1

Client Sample ID: T1125-E-2.0
Date Collected: 10/06/24 13:45
Date Received: 10/07/24 13:00

Lab Sample ID: 240-212566-23
Matrix: Solid
Percent Solids: 82.8

Method: SW846 6010D - Metals (ICP) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Barium	35		21	0.13	mg/Kg	☼	10/08/24 13:00	10/09/24 14:00	1
Cadmium	0.051	J	0.52	0.050	mg/Kg	☼	10/08/24 13:00	10/09/24 14:00	1
Chromium	13		1.0	0.36	mg/Kg	☼	10/08/24 13:00	10/09/24 14:00	1
Copper	19		2.6	0.73	mg/Kg	☼	10/08/24 13:00	10/09/24 14:00	1
Lead	14		1.0	0.29	mg/Kg	☼	10/08/24 13:00	10/09/24 14:00	1
Selenium	ND		2.1	0.49	mg/Kg	☼	10/08/24 13:00	10/09/24 14:00	1
Silver	ND		1.0	0.084	mg/Kg	☼	10/08/24 13:00	10/09/24 14:00	1
Zinc	270	F1	5.2	3.8	mg/Kg	☼	10/08/24 13:00	10/09/24 14:00	1

Method: SW846 7471B - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.025	J	0.11	0.019	mg/Kg	☼	10/08/24 13:00	10/09/24 10:32	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cyanide, Total (SW846 9012B)	16	F2	15	12	mg/Kg	☼	10/10/24 11:02	10/10/24 14:31	25

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Solids (EPA Moisture)	82.8		0.1	0.1	%			10/08/24 13:25	1
Percent Moisture (EPA Moisture)	17.2		0.1	0.1	%			10/08/24 13:25	1

Client: August Mack Environmental, Inc.
Project/Site: MSC Canfield - Soil

Job ID: 240-212566-1

Client Sample ID: T1125-E-4.0
Date Collected: 10/06/24 14:14
Date Received: 10/07/24 13:00

Lab Sample ID: 240-212566-24
Matrix: Solid
Percent Solids: 81.8

Method: SW846 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		5.8	2.1	ug/Kg	☼	10/08/24 11:15	10/08/24 15:21	1
1,1,2,2-Tetrachloroethane	ND		5.8	1.7	ug/Kg	☼	10/08/24 11:15	10/08/24 15:21	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		5.8	1.5	ug/Kg	☼	10/08/24 11:15	10/08/24 15:21	1
1,1,2-Trichloroethane	ND		5.8	1.3	ug/Kg	☼	10/08/24 11:15	10/08/24 15:21	1
1,1-Dichloroethane	ND		5.8	1.6	ug/Kg	☼	10/08/24 11:15	10/08/24 15:21	1
1,1-Dichloroethene	ND		5.8	2.1	ug/Kg	☼	10/08/24 11:15	10/08/24 15:21	1
1,2,4-Trichlorobenzene	ND		5.8	2.9	ug/Kg	☼	10/08/24 11:15	10/08/24 15:21	1
1,2-Dibromo-3-Chloropropane	ND		12	4.2	ug/Kg	☼	10/08/24 11:15	10/08/24 15:21	1
Ethylene Dibromide	ND		5.8	0.90	ug/Kg	☼	10/08/24 11:15	10/08/24 15:21	1
1,2-Dichlorobenzene	ND		5.8	1.3	ug/Kg	☼	10/08/24 11:15	10/08/24 15:21	1
1,2-Dichloroethane	ND		5.8	2.1	ug/Kg	☼	10/08/24 11:15	10/08/24 15:21	1
1,2-Dichloropropane	ND		5.8	0.99	ug/Kg	☼	10/08/24 11:15	10/08/24 15:21	1
1,3-Dichlorobenzene	ND		5.8	1.9	ug/Kg	☼	10/08/24 11:15	10/08/24 15:21	1
1,4-Dichlorobenzene	ND		5.8	1.0	ug/Kg	☼	10/08/24 11:15	10/08/24 15:21	1
2-Butanone (MEK)	ND		23	4.1	ug/Kg	☼	10/08/24 11:15	10/08/24 15:21	1
2-Hexanone	ND		23	4.8	ug/Kg	☼	10/08/24 11:15	10/08/24 15:21	1
4-Methyl-2-pentanone (MIBK)	ND		23	4.3	ug/Kg	☼	10/08/24 11:15	10/08/24 15:21	1
Acetone	ND		29	24	ug/Kg	☼	10/08/24 11:15	10/08/24 15:21	1
Benzene	ND		5.8	0.81	ug/Kg	☼	10/08/24 11:15	10/08/24 15:21	1
Dichlorobromomethane	ND		5.8	1.7	ug/Kg	☼	10/08/24 11:15	10/08/24 15:21	1
Bromoform	ND		5.8	2.8	ug/Kg	☼	10/08/24 11:15	10/08/24 15:21	1
Bromomethane	ND		5.8	4.8	ug/Kg	☼	10/08/24 11:15	10/08/24 15:21	1
Carbon disulfide	ND		5.8	1.4	ug/Kg	☼	10/08/24 11:15	10/08/24 15:21	1
Carbon tetrachloride	ND		5.8	3.8	ug/Kg	☼	10/08/24 11:15	10/08/24 15:21	1
Chlorobenzene	ND		5.8	1.1	ug/Kg	☼	10/08/24 11:15	10/08/24 15:21	1
Chloroethane	ND		5.8	3.2	ug/Kg	☼	10/08/24 11:15	10/08/24 15:21	1
Chloroform	ND		5.8	0.92	ug/Kg	☼	10/08/24 11:15	10/08/24 15:21	1
Chloromethane	ND		5.8	2.7	ug/Kg	☼	10/08/24 11:15	10/08/24 15:21	1
cis-1,2-Dichloroethene	ND		5.8	1.7	ug/Kg	☼	10/08/24 11:15	10/08/24 15:21	1
cis-1,3-Dichloropropene	ND		5.8	3.4	ug/Kg	☼	10/08/24 11:15	10/08/24 15:21	1
Cyclohexane	ND		12	1.6	ug/Kg	☼	10/08/24 11:15	10/08/24 15:21	1
Chlorodibromomethane	ND		5.8	3.2	ug/Kg	☼	10/08/24 11:15	10/08/24 15:21	1
Dichlorodifluoromethane	ND		5.8	2.6	ug/Kg	☼	10/08/24 11:15	10/08/24 15:21	1
Ethylbenzene	ND		5.8	1.2	ug/Kg	☼	10/08/24 11:15	10/08/24 15:21	1
Isopropylbenzene	ND		5.8	2.2	ug/Kg	☼	10/08/24 11:15	10/08/24 15:21	1
Methyl acetate	ND		29	4.0	ug/Kg	☼	10/08/24 11:15	10/08/24 15:21	1
Methyl tert-butyl ether	ND		5.8	2.3	ug/Kg	☼	10/08/24 11:15	10/08/24 15:21	1
Methylcyclohexane	ND		12	1.4	ug/Kg	☼	10/08/24 11:15	10/08/24 15:21	1
Methylene Chloride	ND		29	14	ug/Kg	☼	10/08/24 11:15	10/08/24 15:21	1
Styrene	ND		5.8	1.3	ug/Kg	☼	10/08/24 11:15	10/08/24 15:21	1
Tetrachloroethene	ND		5.8	4.5	ug/Kg	☼	10/08/24 11:15	10/08/24 15:21	1
Toluene	ND		5.8	0.90	ug/Kg	☼	10/08/24 11:15	10/08/24 15:21	1
trans-1,2-Dichloroethene	ND		5.8	1.7	ug/Kg	☼	10/08/24 11:15	10/08/24 15:21	1
trans-1,3-Dichloropropene	ND		5.8	4.3	ug/Kg	☼	10/08/24 11:15	10/08/24 15:21	1
Trichloroethene	ND		5.8	1.7	ug/Kg	☼	10/08/24 11:15	10/08/24 15:21	1
Trichlorofluoromethane	ND		5.8	3.1	ug/Kg	☼	10/08/24 11:15	10/08/24 15:21	1
Vinyl chloride	ND		5.8	2.1	ug/Kg	☼	10/08/24 11:15	10/08/24 15:21	1
Xylenes, Total	ND		12	1.8	ug/Kg	☼	10/08/24 11:15	10/08/24 15:21	1

Client: August Mack Environmental, Inc.
Project/Site: MSC Canfield - Soil

Job ID: 240-212566-1

Client Sample ID: T1125-E-4.0
Date Collected: 10/06/24 14:14
Date Received: 10/07/24 13:00

Lab Sample ID: 240-212566-24
Matrix: Solid
Percent Solids: 81.8

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Toluene-d8 (Surr)	*93*		*56 - 125*	*10/08/24 11:15*	*10/08/24 15:21*	*1*
Dibromofluoromethane (Surr)	*86*		*41 - 138*	*10/08/24 11:15*	*10/08/24 15:21*	*1*
4-Bromofluorobenzene (Surr)	*92*		*41 - 143*	*10/08/24 11:15*	*10/08/24 15:21*	*1*
1,2-Dichloroethane-d4 (Surr)	*91*		*58 - 125*	*10/08/24 11:15*	*10/08/24 15:21*	*1*

Method: SW846 8270E - Semivolatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1'-Biphenyl	ND		120	33	ug/Kg	☼	10/08/24 09:30	10/09/24 20:32	1
bis (2-chloroisopropyl) ether	ND		120	31	ug/Kg	☼	10/08/24 09:30	10/09/24 20:32	1
2,4,5-Trichlorophenol	ND		180	39	ug/Kg	☼	10/08/24 09:30	10/09/24 20:32	1
2,4,6-Trichlorophenol	ND		180	34	ug/Kg	☼	10/08/24 09:30	10/09/24 20:32	1
2,4-Dichlorophenol	ND		180	32	ug/Kg	☼	10/08/24 09:30	10/09/24 20:32	1
2,4-Dimethylphenol	ND		180	43	ug/Kg	☼	10/08/24 09:30	10/09/24 20:32	1
2,4-Dinitrophenol	ND		390	200	ug/Kg	☼	10/08/24 09:30	10/09/24 20:32	1
2,4-Dinitrotoluene	ND		240	27	ug/Kg	☼	10/08/24 09:30	10/09/24 20:32	1
2,6-Dinitrotoluene	ND		240	43	ug/Kg	☼	10/08/24 09:30	10/09/24 20:32	1
2-Chloronaphthalene	ND		120	33	ug/Kg	☼	10/08/24 09:30	10/09/24 20:32	1
2-Chlorophenol	ND		120	31	ug/Kg	☼	10/08/24 09:30	10/09/24 20:32	1
2-Methylnaphthalene	ND		47	15	ug/Kg	☼	10/08/24 09:30	10/09/24 20:32	1
2-Methylphenol	ND		240	49	ug/Kg	☼	10/08/24 09:30	10/09/24 20:32	1
2-Nitroaniline	ND		240	45	ug/Kg	☼	10/08/24 09:30	10/09/24 20:32	1
2-Nitrophenol	ND		120	41	ug/Kg	☼	10/08/24 09:30	10/09/24 20:32	1
3,3'-Dichlorobenzidine	ND		180	110	ug/Kg	☼	10/08/24 09:30	10/09/24 20:32	1
3-Nitroaniline	ND		240	41	ug/Kg	☼	10/08/24 09:30	10/09/24 20:32	1
4,6-Dinitro-2-methylphenol	ND		390	120	ug/Kg	☼	10/08/24 09:30	10/09/24 20:32	1
4-Bromophenyl phenyl ether	ND		120	38	ug/Kg	☼	10/08/24 09:30	10/09/24 20:32	1
4-Chloro-3-methylphenol	ND		180	45	ug/Kg	☼	10/08/24 09:30	10/09/24 20:32	1
4-Chloroaniline	ND		180	19	ug/Kg	☼	10/08/24 09:30	10/09/24 20:32	1
4-Chlorophenyl phenyl ether	ND		120	33	ug/Kg	☼	10/08/24 09:30	10/09/24 20:32	1
4-Nitroaniline	ND		240	31	ug/Kg	☼	10/08/24 09:30	10/09/24 20:32	1
4-Nitrophenol	ND		390	110	ug/Kg	☼	10/08/24 09:30	10/09/24 20:32	1
Acenaphthene	ND		47	17	ug/Kg	☼	10/08/24 09:30	10/09/24 20:32	1
Acenaphthylene	ND		47	18	ug/Kg	☼	10/08/24 09:30	10/09/24 20:32	1
Acetophenone	ND		120	30	ug/Kg	☼	10/08/24 09:30	10/09/24 20:32	1
Anthracene	ND		47	14	ug/Kg	☼	10/08/24 09:30	10/09/24 20:32	1
Atrazine	ND		390	82	ug/Kg	☼	10/08/24 09:30	10/09/24 20:32	1
Benzaldehyde	ND		390	66	ug/Kg	☼	10/08/24 09:30	10/09/24 20:32	1
Benzo[a]anthracene	ND		47	18	ug/Kg	☼	10/08/24 09:30	10/09/24 20:32	1
Benzo[a]pyrene	**18**	**J**	47	17	ug/Kg	☼	10/08/24 09:30	10/09/24 20:32	1
Benzo[b]fluoranthene	**38**	**J**	47	14	ug/Kg	☼	10/08/24 09:30	10/09/24 20:32	1
Benzo[g,h,i]perylene	ND		47	32	ug/Kg	☼	10/08/24 09:30	10/09/24 20:32	1
Benzo[k]fluoranthene	ND		47	12	ug/Kg	☼	10/08/24 09:30	10/09/24 20:32	1
Bis(2-chloroethoxy)methane	ND		120	24	ug/Kg	☼	10/08/24 09:30	10/09/24 20:32	1
Bis(2-chloroethyl)ether	ND		120	26	ug/Kg	☼	10/08/24 09:30	10/09/24 20:32	1
Bis(2-ethylhexyl) phthalate	ND		180	66	ug/Kg	☼	10/08/24 09:30	10/09/24 20:32	1
Butyl benzyl phthalate	ND		180	60	ug/Kg	☼	10/08/24 09:30	10/09/24 20:32	1
Caprolactam	ND		390	82	ug/Kg	☼	10/08/24 09:30	10/09/24 20:32	1
Carbazole	ND		120	32	ug/Kg	☼	10/08/24 09:30	10/09/24 20:32	1
Chrysene	**29**	**J**	47	17	ug/Kg	☼	10/08/24 09:30	10/09/24 20:32	1
Dibenz(a,h)anthracene	ND		47	18	ug/Kg	☼	10/08/24 09:30	10/09/24 20:32	1

Client Sample ID: T1125-E-4.0

Date Collected: 10/06/24 14:14
Date Received: 10/07/24 13:00

Lab Sample ID: 240-212566-24

Matrix: Solid
Percent Solids: 81.8

Method: SW846 8270E - Semivolatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Dibenzofuran	ND		120	34	ug/Kg	☼	10/08/24 09:30	10/09/24 20:32	1
Diethyl phthalate	ND		180	51	ug/Kg	☼	10/08/24 09:30	10/09/24 20:32	1
Dimethyl phthalate	ND		180	47	ug/Kg	☼	10/08/24 09:30	10/09/24 20:32	1
Di-n-butyl phthalate	ND		180	60	ug/Kg	☼	10/08/24 09:30	10/09/24 20:32	1
Di-n-octyl phthalate	ND		180	59	ug/Kg	☼	10/08/24 09:30	10/09/24 20:32	1
Fluoranthene	**41**	**J**	47	17	ug/Kg	☼	10/08/24 09:30	10/09/24 20:32	1
Fluorene	ND		47	17	ug/Kg	☼	10/08/24 09:30	10/09/24 20:32	1
Hexachlorobenzene	ND		47	17	ug/Kg	☼	10/08/24 09:30	10/09/24 20:32	1
Hexachlorobutadiene	ND		120	25	ug/Kg	☼	10/08/24 09:30	10/09/24 20:32	1
Hexachlorocyclopentadiene	ND		390	46	ug/Kg	☼	10/08/24 09:30	10/09/24 20:32	1
Hexachloroethane	ND		120	38	ug/Kg	☼	10/08/24 09:30	10/09/24 20:32	1
Indeno[1,2,3-cd]pyrene	**15**	**J**	47	14	ug/Kg	☼	10/08/24 09:30	10/09/24 20:32	1
Isophorone	ND		120	31	ug/Kg	☼	10/08/24 09:30	10/09/24 20:32	1
N-Nitrosodi-n-propylamine	ND		120	44	ug/Kg	☼	10/08/24 09:30	10/09/24 20:32	1
N-Nitrosodiphenylamine	ND		120	32	ug/Kg	☼	10/08/24 09:30	10/09/24 20:32	1
Naphthalene	ND		47	15	ug/Kg	☼	10/08/24 09:30	10/09/24 20:32	1
Nitrobenzene	ND		120	26	ug/Kg	☼	10/08/24 09:30	10/09/24 20:32	1
Pentachlorophenol	ND		320	120	ug/Kg	☼	10/08/24 09:30	10/09/24 20:32	1
Phenanthrene	**20**	**J**	47	15	ug/Kg	☼	10/08/24 09:30	10/09/24 20:32	1
Phenol	ND		120	45	ug/Kg	☼	10/08/24 09:30	10/09/24 20:32	1
Pyrene	**36**	**J**	47	19	ug/Kg	☼	10/08/24 09:30	10/09/24 20:32	1
3 & 4 Methylphenol	ND		470	49	ug/Kg	☼	10/08/24 09:30	10/09/24 20:32	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Terphenyl-d14 (Surr)	*87*		*37 - 120*	*10/08/24 09:30*	*10/09/24 20:32*	*1*
Phenol-d5 (Surr)	*83*		*29 - 120*	*10/08/24 09:30*	*10/09/24 20:32*	*1*
Nitrobenzene-d5 (Surr)	*59*		*28 - 120*	*10/08/24 09:30*	*10/09/24 20:32*	*1*
2-Fluorophenol (Surr)	*80*		*26 - 120*	*10/08/24 09:30*	*10/09/24 20:32*	*1*
2-Fluorobiphenyl (Surr)	*83*		*36 - 120*	*10/08/24 09:30*	*10/09/24 20:32*	*1*
2,4,6-Tribromophenol (Surr)	*77*		*10 - 120*	*10/08/24 09:30*	*10/09/24 20:32*	*1*

Method: SW846 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aroclor-1016	ND		61	31	ug/Kg	☼	10/08/24 10:23	10/08/24 23:16	1
Aroclor-1221	ND		61	37	ug/Kg	☼	10/08/24 10:23	10/08/24 23:16	1
Aroclor-1232	ND		61	26	ug/Kg	☼	10/08/24 10:23	10/08/24 23:16	1
Aroclor-1242	ND		61	23	ug/Kg	☼	10/08/24 10:23	10/08/24 23:16	1
Aroclor-1248	ND		61	21	ug/Kg	☼	10/08/24 10:23	10/08/24 23:16	1
Aroclor-1254	ND		61	26	ug/Kg	☼	10/08/24 10:23	10/08/24 23:16	1
Aroclor-1260	ND		61	26	ug/Kg	☼	10/08/24 10:23	10/08/24 23:16	1
Aroclor-1262	ND		61	27	ug/Kg	☼	10/08/24 10:23	10/08/24 23:16	1
Aroclor-1268	ND		61	20	ug/Kg	☼	10/08/24 10:23	10/08/24 23:16	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Tetrachloro-m-xylene	*74*		*10 - 149*	*10/08/24 10:23*	*10/08/24 23:16*	*1*
DCB Decachlorobiphenyl	*66*		*10 - 174*	*10/08/24 10:23*	*10/08/24 23:16*	*1*

Method: SW846 6010D - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	**13**		1.6	0.34	mg/Kg	☼	10/08/24 13:00	10/09/24 14:58	1

Client: August Mack Environmental, Inc.
Project/Site: MSC Canfield - Soil

Job ID: 240-212566-1

Client Sample ID: T1125-E-4.0
Date Collected: 10/06/24 14:14
Date Received: 10/07/24 13:00

Lab Sample ID: 240-212566-24
Matrix: Solid
Percent Solids: 81.8

Method: SW846 6010D - Metals (ICP) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Barium	37		21	0.14	mg/Kg	☼	10/08/24 13:00	10/09/24 14:58	1
Cadmium	0.081	J	0.54	0.051	mg/Kg	☼	10/08/24 13:00	10/09/24 14:58	1
Chromium	13		1.1	0.37	mg/Kg	☼	10/08/24 13:00	10/09/24 14:58	1
Copper	15		2.7	0.75	mg/Kg	☼	10/08/24 13:00	10/09/24 14:58	1
Lead	15		1.1	0.30	mg/Kg	☼	10/08/24 13:00	10/09/24 14:58	1
Selenium	ND		2.1	0.50	mg/Kg	☼	10/08/24 13:00	10/09/24 14:58	1
Silver	ND		1.1	0.087	mg/Kg	☼	10/08/24 13:00	10/09/24 14:58	1
Zinc	600		5.4	3.9	mg/Kg	☼	10/08/24 13:00	10/09/24 14:58	1

Method: SW846 7471B - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.042	J	0.12	0.021	mg/Kg	☼	10/08/24 13:00	10/09/24 10:47	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cyanide, Total (SW846 9012B)	18		16	13	mg/Kg	☼	10/10/24 11:02	10/10/24 16:28	25

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Solids (EPA Moisture)	81.8		0.1	0.1	%			10/08/24 13:48	1
Percent Moisture (EPA Moisture)	18.2		0.1	0.1	%			10/08/24 13:48	1

Client: August Mack Environmental, Inc.
Project/Site: MSC Canfield - Soil

Job ID: 240-212566-1

Client Sample ID: T1125-W-2.0
Date Collected: 10/06/24 14:30
Date Received: 10/07/24 13:00

Lab Sample ID: 240-212566-25
Matrix: Solid
Percent Solids: 79.2

Method: SW846 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		6.1	2.2	ug/Kg	☼	10/08/24 11:15	10/08/24 15:41	1
1,1,2,2-Tetrachloroethane	ND		6.1	1.8	ug/Kg	☼	10/08/24 11:15	10/08/24 15:41	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		6.1	1.6	ug/Kg	☼	10/08/24 11:15	10/08/24 15:41	1
1,1,2-Trichloroethane	ND		6.1	1.4	ug/Kg	☼	10/08/24 11:15	10/08/24 15:41	1
1,1-Dichloroethane	ND		6.1	1.7	ug/Kg	☼	10/08/24 11:15	10/08/24 15:41	1
1,1-Dichloroethene	ND		6.1	2.2	ug/Kg	☼	10/08/24 11:15	10/08/24 15:41	1
1,2,4-Trichlorobenzene	ND		6.1	3.1	ug/Kg	☼	10/08/24 11:15	10/08/24 15:41	1
1,2-Dibromo-3-Chloropropane	ND		12	4.4	ug/Kg	☼	10/08/24 11:15	10/08/24 15:41	1
Ethylene Dibromide	ND		6.1	0.94	ug/Kg	☼	10/08/24 11:15	10/08/24 15:41	1
1,2-Dichlorobenzene	ND		6.1	1.4	ug/Kg	☼	10/08/24 11:15	10/08/24 15:41	1
1,2-Dichloroethane	ND		6.1	2.2	ug/Kg	☼	10/08/24 11:15	10/08/24 15:41	1
1,2-Dichloropropane	ND		6.1	1.0	ug/Kg	☼	10/08/24 11:15	10/08/24 15:41	1
1,3-Dichlorobenzene	ND		6.1	2.0	ug/Kg	☼	10/08/24 11:15	10/08/24 15:41	1
1,4-Dichlorobenzene	ND		6.1	1.1	ug/Kg	☼	10/08/24 11:15	10/08/24 15:41	1
2-Butanone (MEK)	ND		25	4.4	ug/Kg	☼	10/08/24 11:15	10/08/24 15:41	1
2-Hexanone	ND		25	5.0	ug/Kg	☼	10/08/24 11:15	10/08/24 15:41	1
4-Methyl-2-pentanone (MIBK)	ND		25	4.6	ug/Kg	☼	10/08/24 11:15	10/08/24 15:41	1
Acetone	ND		31	26	ug/Kg	☼	10/08/24 11:15	10/08/24 15:41	1
Benzene	ND		6.1	0.86	ug/Kg	☼	10/08/24 11:15	10/08/24 15:41	1
Dichlorobromomethane	ND		6.1	1.8	ug/Kg	☼	10/08/24 11:15	10/08/24 15:41	1
Bromoform	ND		6.1	2.9	ug/Kg	☼	10/08/24 11:15	10/08/24 15:41	1
Bromomethane	ND		6.1	5.1	ug/Kg	☼	10/08/24 11:15	10/08/24 15:41	1
Carbon disulfide	ND		6.1	1.4	ug/Kg	☼	10/08/24 11:15	10/08/24 15:41	1
Carbon tetrachloride	ND		6.1	4.0	ug/Kg	☼	10/08/24 11:15	10/08/24 15:41	1
Chlorobenzene	ND		6.1	1.1	ug/Kg	☼	10/08/24 11:15	10/08/24 15:41	1
Chloroethane	ND		6.1	3.4	ug/Kg	☼	10/08/24 11:15	10/08/24 15:41	1
Chloroform	ND		6.1	0.97	ug/Kg	☼	10/08/24 11:15	10/08/24 15:41	1
Chloromethane	ND		6.1	2.8	ug/Kg	☼	10/08/24 11:15	10/08/24 15:41	1
cis-1,2-Dichloroethene	ND		6.1	1.8	ug/Kg	☼	10/08/24 11:15	10/08/24 15:41	1
cis-1,3-Dichloropropene	ND		6.1	3.5	ug/Kg	☼	10/08/24 11:15	10/08/24 15:41	1
Cyclohexane	ND		12	1.7	ug/Kg	☼	10/08/24 11:15	10/08/24 15:41	1
Chlorodibromomethane	ND		6.1	3.4	ug/Kg	☼	10/08/24 11:15	10/08/24 15:41	1
Dichlorodifluoromethane	ND		6.1	2.8	ug/Kg	☼	10/08/24 11:15	10/08/24 15:41	1
Ethylbenzene	ND		6.1	1.3	ug/Kg	☼	10/08/24 11:15	10/08/24 15:41	1
Isopropylbenzene	ND		6.1	2.4	ug/Kg	☼	10/08/24 11:15	10/08/24 15:41	1
Methyl acetate	ND		31	4.2	ug/Kg	☼	10/08/24 11:15	10/08/24 15:41	1
Methyl tert-butyl ether	ND		6.1	2.4	ug/Kg	☼	10/08/24 11:15	10/08/24 15:41	1
Methylcyclohexane	ND		12	1.5	ug/Kg	☼	10/08/24 11:15	10/08/24 15:41	1
Methylene Chloride	ND		31	15	ug/Kg	☼	10/08/24 11:15	10/08/24 15:41	1
Styrene	ND		6.1	1.4	ug/Kg	☼	10/08/24 11:15	10/08/24 15:41	1
Tetrachloroethene	ND		6.1	4.8	ug/Kg	☼	10/08/24 11:15	10/08/24 15:41	1
Toluene	ND		6.1	0.95	ug/Kg	☼	10/08/24 11:15	10/08/24 15:41	1
trans-1,2-Dichloroethene	ND		6.1	1.7	ug/Kg	☼	10/08/24 11:15	10/08/24 15:41	1
trans-1,3-Dichloropropene	ND		6.1	4.5	ug/Kg	☼	10/08/24 11:15	10/08/24 15:41	1
Trichloroethene	ND		6.1	1.8	ug/Kg	☼	10/08/24 11:15	10/08/24 15:41	1
Trichlorofluoromethane	ND		6.1	3.3	ug/Kg	☼	10/08/24 11:15	10/08/24 15:41	1
Vinyl chloride	ND		6.1	2.2	ug/Kg	☼	10/08/24 11:15	10/08/24 15:41	1
Xylenes, Total	ND		12	1.9	ug/Kg	☼	10/08/24 11:15	10/08/24 15:41	1

Client Sample ID: T1125-W-2.0

Date Collected: 10/06/24 14:30
Date Received: 10/07/24 13:00

Lab Sample ID: 240-212566-25

Matrix: Solid
Percent Solids: 79.2

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Toluene-d8 (Surr)	*97*		*56 - 125*	*10/08/24 11:15*	*10/08/24 15:41*	*1*
Dibromofluoromethane (Surr)	*89*		*41 - 138*	*10/08/24 11:15*	*10/08/24 15:41*	*1*
4-Bromofluorobenzene (Surr)	*94*		*41 - 143*	*10/08/24 11:15*	*10/08/24 15:41*	*1*
1,2-Dichloroethane-d4 (Surr)	*90*		*58 - 125*	*10/08/24 11:15*	*10/08/24 15:41*	*1*

Method: SW846 8270E - Semivolatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1'-Biphenyl	ND		120	35	ug/Kg	☼	10/08/24 09:30	10/11/24 11:02	1
bis (2-chloroisopropyl) ether	ND	F1	120	32	ug/Kg	☼	10/08/24 09:30	10/11/24 11:02	1
2,4,5-Trichlorophenol	ND		180	41	ug/Kg	☼	10/08/24 09:30	10/11/24 11:02	1
2,4,6-Trichlorophenol	ND		180	36	ug/Kg	☼	10/08/24 09:30	10/11/24 11:02	1
2,4-Dichlorophenol	ND		180	33	ug/Kg	☼	10/08/24 09:30	10/11/24 11:02	1
2,4-Dimethylphenol	ND		180	44	ug/Kg	☼	10/08/24 09:30	10/11/24 11:02	1
2,4-Dinitrophenol	ND	F1	410	210	ug/Kg	☼	10/08/24 09:30	10/11/24 11:02	1
2,4-Dinitrotoluene	ND		250	28	ug/Kg	☼	10/08/24 09:30	10/11/24 11:02	1
2,6-Dinitrotoluene	ND		250	44	ug/Kg	☼	10/08/24 09:30	10/11/24 11:02	1
2-Chloronaphthalene	ND		120	35	ug/Kg	☼	10/08/24 09:30	10/11/24 11:02	1
2-Chlorophenol	ND		120	32	ug/Kg	☼	10/08/24 09:30	10/11/24 11:02	1
2-Methylnaphthalene	**37**	**J**	49	16	ug/Kg	☼	10/08/24 09:30	10/11/24 11:02	1
2-Methylphenol	ND	F1	250	51	ug/Kg	☼	10/08/24 09:30	10/11/24 11:02	1
2-Nitroaniline	ND		250	47	ug/Kg	☼	10/08/24 09:30	10/11/24 11:02	1
2-Nitrophenol	ND	F2	120	43	ug/Kg	☼	10/08/24 09:30	10/11/24 11:02	1
3,3'-Dichlorobenzidine	ND		180	120	ug/Kg	☼	10/08/24 09:30	10/11/24 11:02	1
3-Nitroaniline	ND		250	43	ug/Kg	☼	10/08/24 09:30	10/11/24 11:02	1
4,6-Dinitro-2-methylphenol	ND	F2 F1	410	130	ug/Kg	☼	10/08/24 09:30	10/11/24 11:02	1
4-Bromophenyl phenyl ether	ND		120	39	ug/Kg	☼	10/08/24 09:30	10/11/24 11:02	1
4-Chloro-3-methylphenol	ND	F1	180	47	ug/Kg	☼	10/08/24 09:30	10/11/24 11:02	1
4-Chloroaniline	ND		180	20	ug/Kg	☼	10/08/24 09:30	10/11/24 11:02	1
4-Chlorophenyl phenyl ether	ND		120	35	ug/Kg	☼	10/08/24 09:30	10/11/24 11:02	1
4-Nitroaniline	ND	F1	250	32	ug/Kg	☼	10/08/24 09:30	10/11/24 11:02	1
4-Nitrophenol	ND		410	110	ug/Kg	☼	10/08/24 09:30	10/11/24 11:02	1
Acenaphthene	ND		49	17	ug/Kg	☼	10/08/24 09:30	10/11/24 11:02	1
Acenaphthylene	ND		49	18	ug/Kg	☼	10/08/24 09:30	10/11/24 11:02	1
Acetophenone	ND		120	31	ug/Kg	☼	10/08/24 09:30	10/11/24 11:02	1
Anthracene	ND		49	15	ug/Kg	☼	10/08/24 09:30	10/11/24 11:02	1
Atrazine	ND		410	85	ug/Kg	☼	10/08/24 09:30	10/11/24 11:02	1
Benzaldehyde	ND		410	69	ug/Kg	☼	10/08/24 09:30	10/11/24 11:02	1
Benzo[a]anthracene	**18**	**J**	49	18	ug/Kg	☼	10/08/24 09:30	10/11/24 11:02	1
Benzo[a]pyrene	**18**	**J**	49	17	ug/Kg	☼	10/08/24 09:30	10/11/24 11:02	1
Benzo[b]fluoranthene	**31**	**J**	49	15	ug/Kg	☼	10/08/24 09:30	10/11/24 11:02	1
Benzo[g,h,i]perylene	ND		49	33	ug/Kg	☼	10/08/24 09:30	10/11/24 11:02	1
Benzo[k]fluoranthene	**13**	**J**	49	12	ug/Kg	☼	10/08/24 09:30	10/11/24 11:02	1
Bis(2-chloroethoxy)methane	ND		120	25	ug/Kg	☼	10/08/24 09:30	10/11/24 11:02	1
Bis(2-chloroethyl)ether	ND		120	27	ug/Kg	☼	10/08/24 09:30	10/11/24 11:02	1
Bis(2-ethylhexyl) phthalate	ND		180	69	ug/Kg	☼	10/08/24 09:30	10/11/24 11:02	1
Butyl benzyl phthalate	ND	F1	180	63	ug/Kg	☼	10/08/24 09:30	10/11/24 11:02	1
Caprolactam	ND		410	85	ug/Kg	☼	10/08/24 09:30	10/11/24 11:02	1
Carbazole	ND	F1	120	33	ug/Kg	☼	10/08/24 09:30	10/11/24 11:02	1
Chrysene	**21**	**J**	49	17	ug/Kg	☼	10/08/24 09:30	10/11/24 11:02	1
Dibenz(a,h)anthracene	ND		49	18	ug/Kg	☼	10/08/24 09:30	10/11/24 11:02	1

Client Sample ID: T1125-W-2.0

Date Collected: 10/06/24 14:30
Date Received: 10/07/24 13:00

Lab Sample ID: 240-212566-25

Matrix: Solid
Percent Solids: 79.2

Method: SW846 8270E - Semivolatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Dibenzofuran	ND		120	36	ug/Kg	☼	10/08/24 09:30	10/11/24 11:02	1
Diethyl phthalate	ND	F1	180	53	ug/Kg	☼	10/08/24 09:30	10/11/24 11:02	1
Dimethyl phthalate	ND	F1	180	49	ug/Kg	☼	10/08/24 09:30	10/11/24 11:02	1
Di-n-butyl phthalate	ND	F1	180	63	ug/Kg	☼	10/08/24 09:30	10/11/24 11:02	1
Di-n-octyl phthalate	ND		180	62	ug/Kg	☼	10/08/24 09:30	10/11/24 11:02	1
Fluoranthene	**39**	**J**	49	17	ug/Kg	☼	10/08/24 09:30	10/11/24 11:02	1
Fluorene	ND		49	17	ug/Kg	☼	10/08/24 09:30	10/11/24 11:02	1
Hexachlorobenzene	ND		49	17	ug/Kg	☼	10/08/24 09:30	10/11/24 11:02	1
Hexachlorobutadiene	ND		120	26	ug/Kg	☼	10/08/24 09:30	10/11/24 11:02	1
Hexachlorocyclopentadiene	ND	F1	410	48	ug/Kg	☼	10/08/24 09:30	10/11/24 11:02	1
Hexachloroethane	ND		120	39	ug/Kg	☼	10/08/24 09:30	10/11/24 11:02	1
Indeno[1,2,3-cd]pyrene	**15**	**J**	49	15	ug/Kg	☼	10/08/24 09:30	10/11/24 11:02	1
Isophorone	ND	F1	120	32	ug/Kg	☼	10/08/24 09:30	10/11/24 11:02	1
N-Nitrosodi-n-propylamine	ND	F1	120	46	ug/Kg	☼	10/08/24 09:30	10/11/24 11:02	1
N-Nitrosodiphenylamine	ND		120	33	ug/Kg	☼	10/08/24 09:30	10/11/24 11:02	1
Naphthalene	**51**		49	16	ug/Kg	☼	10/08/24 09:30	10/11/24 11:02	1
Nitrobenzene	ND		120	27	ug/Kg	☼	10/08/24 09:30	10/11/24 11:02	1
Pentachlorophenol	ND		330	130	ug/Kg	☼	10/08/24 09:30	10/11/24 11:02	1
Phenanthrene	**31**	**J**	49	16	ug/Kg	☼	10/08/24 09:30	10/11/24 11:02	1
Phenol	ND	F1	120	47	ug/Kg	☼	10/08/24 09:30	10/11/24 11:02	1
Pyrene	**31**	**J**	49	20	ug/Kg	☼	10/08/24 09:30	10/11/24 11:02	1
3 & 4 Methylphenol	ND	F1	490	51	ug/Kg	☼	10/08/24 09:30	10/11/24 11:02	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Terphenyl-d14 (Surr)	*77*		*37 - 120*	*10/08/24 09:30*	*10/11/24 11:02*	*1*
Phenol-d5 (Surr)	*87*		*29 - 120*	*10/08/24 09:30*	*10/11/24 11:02*	*1*
Nitrobenzene-d5 (Surr)	*69*		*28 - 120*	*10/08/24 09:30*	*10/11/24 11:02*	*1*
2-Fluorophenol (Surr)	*82*		*26 - 120*	*10/08/24 09:30*	*10/11/24 11:02*	*1*
2-Fluorobiphenyl (Surr)	*78*		*36 - 120*	*10/08/24 09:30*	*10/11/24 11:02*	*1*
2,4,6-Tribromophenol (Surr)	*79*		*10 - 120*	*10/08/24 09:30*	*10/11/24 11:02*	*1*

Method: SW846 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aroclor-1016	ND		61	31	ug/Kg	☼	10/08/24 10:23	10/08/24 23:33	1
Aroclor-1221	ND		61	37	ug/Kg	☼	10/08/24 10:23	10/08/24 23:33	1
Aroclor-1232	ND		61	26	ug/Kg	☼	10/08/24 10:23	10/08/24 23:33	1
Aroclor-1242	ND		61	23	ug/Kg	☼	10/08/24 10:23	10/08/24 23:33	1
Aroclor-1248	ND		61	21	ug/Kg	☼	10/08/24 10:23	10/08/24 23:33	1
Aroclor-1254	ND		61	26	ug/Kg	☼	10/08/24 10:23	10/08/24 23:33	1
Aroclor-1260	ND		61	26	ug/Kg	☼	10/08/24 10:23	10/08/24 23:33	1
Aroclor-1262	ND		61	27	ug/Kg	☼	10/08/24 10:23	10/08/24 23:33	1
Aroclor-1268	ND		61	20	ug/Kg	☼	10/08/24 10:23	10/08/24 23:33	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Tetrachloro-m-xylene	*80*		*10 - 149*	*10/08/24 10:23*	*10/08/24 23:33*	*1*
DCB Decachlorobiphenyl	*70*		*10 - 174*	*10/08/24 10:23*	*10/08/24 23:33*	*1*

Method: SW846 6010D - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	**14**		1.4	0.30	mg/Kg	☼	10/08/24 13:00	10/09/24 14:31	1

Client Sample ID: T1125-W-2.0

Date Collected: 10/06/24 14:30
Date Received: 10/07/24 13:00

Lab Sample ID: 240-212566-25

Matrix: Solid
Percent Solids: 79.2

Method: SW846 6010D - Metals (ICP) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Barium	**63**		19	0.12	mg/Kg	☼	10/08/24 13:00	10/09/24 14:31	1
Cadmium	**0.13**	**J**	0.47	0.045	mg/Kg	☼	10/08/24 13:00	10/09/24 14:31	1
Chromium	**14**		0.94	0.32	mg/Kg	☼	10/08/24 13:00	10/09/24 14:31	1
Copper	**17**		2.4	0.66	mg/Kg	☼	10/08/24 13:00	10/09/24 14:31	1
Lead	**15**		0.94	0.27	mg/Kg	☼	10/08/24 13:00	10/09/24 14:31	1
Selenium	ND		1.9	0.44	mg/Kg	☼	10/08/24 13:00	10/09/24 14:31	1
Silver	ND		0.94	0.076	mg/Kg	☼	10/08/24 13:00	10/09/24 14:31	1
Zinc	**160**	**F2 F1**	4.7	3.4	mg/Kg	☼	10/08/24 13:00	10/09/24 14:31	1

Method: SW846 7471B - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	**0.035**	**J**	0.11	0.020	mg/Kg	☼	10/08/24 13:00	10/09/24 10:37	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cyanide, Total (SW846 9012B)	ND	F2	17	14	mg/Kg	☼	10/10/24 11:02	10/10/24 15:28	25

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Solids (EPA Moisture)	**79.2**		0.1	0.1	%			10/08/24 13:48	1
Percent Moisture (EPA Moisture)	**20.8**		0.1	0.1	%			10/08/24 13:48	1

Client: August Mack Environmental, Inc.
Project/Site: MSC Canfield - Soil

Job ID: 240-212566-1

Client Sample ID: TB-5-20241006
Date Collected: 10/06/24 00:00
Date Received: 10/07/24 13:00

Lab Sample ID: 240-212566-26
Matrix: Water

Method: SW846 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		1.0	0.48	ug/L			10/08/24 22:01	1
1,1,2,2-Tetrachloroethane	ND		1.0	0.60	ug/L			10/08/24 22:01	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		1.0	0.41	ug/L			10/08/24 22:01	1
1,1,2-Trichloroethane	ND		1.0	0.48	ug/L			10/08/24 22:01	1
1,1-Dichloroethane	ND		1.0	0.47	ug/L			10/08/24 22:01	1
1,1-Dichloroethene	ND		1.0	0.49	ug/L			10/08/24 22:01	1
1,2,4-Trichlorobenzene	ND		1.0	0.77	ug/L			10/08/24 22:01	1
1,2-Dibromo-3-Chloropropane	ND		2.0	0.91	ug/L			10/08/24 22:01	1
Ethylene Dibromide	ND		1.0	0.41	ug/L			10/08/24 22:01	1
1,2-Dichlorobenzene	ND		1.0	0.48	ug/L			10/08/24 22:01	1
1,2-Dichloroethane	ND		1.0	0.46	ug/L			10/08/24 22:01	1
1,2-Dichloropropane	ND		1.0	0.47	ug/L			10/08/24 22:01	1
1,3-Dichlorobenzene	ND		1.0	0.45	ug/L			10/08/24 22:01	1
1,4-Dichlorobenzene	ND		1.0	0.41	ug/L			10/08/24 22:01	1
2-Butanone (MEK)	ND		10	1.2	ug/L			10/08/24 22:01	1
2-Hexanone	ND		10	1.1	ug/L			10/08/24 22:01	1
4-Methyl-2-pentanone (MIBK)	ND		10	0.99	ug/L			10/08/24 22:01	1
Acetone	ND		10	5.4	ug/L			10/08/24 22:01	1
Benzene	ND		1.0	0.42	ug/L			10/08/24 22:01	1
Dichlorobromomethane	ND		1.0	0.38	ug/L			10/08/24 22:01	1
Bromoform	ND		1.0	0.76	ug/L			10/08/24 22:01	1
Bromomethane	ND		1.0	0.42	ug/L			10/08/24 22:01	1
Carbon disulfide	ND		1.0	0.59	ug/L			10/08/24 22:01	1
Carbon tetrachloride	ND		1.0	0.26	ug/L			10/08/24 22:01	1
Chlorobenzene	ND		1.0	0.38	ug/L			10/08/24 22:01	1
Chloroethane	ND		1.0	0.83	ug/L			10/08/24 22:01	1
Chloroform	ND		1.0	0.47	ug/L			10/08/24 22:01	1
Chloromethane	ND		1.0	0.63	ug/L			10/08/24 22:01	1
cis-1,2-Dichloroethene	ND		1.0	0.46	ug/L			10/08/24 22:01	1
cis-1,3-Dichloropropene	ND		1.0	0.61	ug/L			10/08/24 22:01	1
Cyclohexane	ND		1.0	0.48	ug/L			10/08/24 22:01	1
Chlorodibromomethane	ND		1.0	0.39	ug/L			10/08/24 22:01	1
Dichlorodifluoromethane	ND		1.0	0.35	ug/L			10/08/24 22:01	1
Ethylbenzene	ND		1.0	0.42	ug/L			10/08/24 22:01	1
Isopropylbenzene	ND		1.0	0.49	ug/L			10/08/24 22:01	1
Methyl acetate	ND		10	1.7	ug/L			10/08/24 22:01	1
Methyl tert-butyl ether	ND		1.0	0.47	ug/L			10/08/24 22:01	1
Methylcyclohexane	ND		1.0	0.33	ug/L			10/08/24 22:01	1
Methylene Chloride	ND		5.0	2.6	ug/L			10/08/24 22:01	1
Styrene	ND		1.0	0.45	ug/L			10/08/24 22:01	1
Tetrachloroethene	ND		1.0	0.44	ug/L			10/08/24 22:01	1
Toluene	ND		1.0	0.44	ug/L			10/08/24 22:01	1
trans-1,2-Dichloroethene	ND		1.0	0.51	ug/L			10/08/24 22:01	1
trans-1,3-Dichloropropene	ND		1.0	0.67	ug/L			10/08/24 22:01	1
Trichloroethene	ND		1.0	0.44	ug/L			10/08/24 22:01	1
Trichlorofluoromethane	ND		1.0	0.45	ug/L			10/08/24 22:01	1
Vinyl chloride	ND		1.0	0.45	ug/L			10/08/24 22:01	1
Xylenes, Total	ND		2.0	0.42	ug/L			10/08/24 22:01	1

Client: August Mack Environmental, Inc.
Project/Site: MSC Canfield - Soil

Job ID: 240-212566-1

Client Sample ID: TB-5-20241006
Date Collected: 10/06/24 00:00
Date Received: 10/07/24 13:00

Lab Sample ID: 240-212566-26
Matrix: Water

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
Toluene-d8 (Surr)	106		78 - 122		10/08/24 22:01	1
Dibromofluoromethane (Surr)	99		73 - 120		10/08/24 22:01	1
4-Bromofluorobenzene (Surr)	99		56 - 136		10/08/24 22:01	1
1,2-Dichloroethane-d4 (Surr)	112		62 - 137		10/08/24 22:01	1

Client: August Mack Environmental, Inc.
Project/Site: MSC Canfield - Soil

Job ID: 240-212566-1

Client Sample ID: TB-6-20241006
Date Collected: 10/06/24 00:00
Date Received: 10/07/24 13:00

Lab Sample ID: 240-212566-27
Matrix: Water

Method: SW846 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		1.0	0.48	ug/L			10/08/24 22:26	1
1,1,2,2-Tetrachloroethane	ND		1.0	0.60	ug/L			10/08/24 22:26	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		1.0	0.41	ug/L			10/08/24 22:26	1
1,1,2-Trichloroethane	ND		1.0	0.48	ug/L			10/08/24 22:26	1
1,1-Dichloroethane	ND		1.0	0.47	ug/L			10/08/24 22:26	1
1,1-Dichloroethene	ND		1.0	0.49	ug/L			10/08/24 22:26	1
1,2,4-Trichlorobenzene	ND		1.0	0.77	ug/L			10/08/24 22:26	1
1,2-Dibromo-3-Chloropropane	ND		2.0	0.91	ug/L			10/08/24 22:26	1
Ethylene Dibromide	ND		1.0	0.41	ug/L			10/08/24 22:26	1
1,2-Dichlorobenzene	ND		1.0	0.48	ug/L			10/08/24 22:26	1
1,2-Dichloroethane	ND		1.0	0.46	ug/L			10/08/24 22:26	1
1,2-Dichloropropane	ND		1.0	0.47	ug/L			10/08/24 22:26	1
1,3-Dichlorobenzene	ND		1.0	0.45	ug/L			10/08/24 22:26	1
1,4-Dichlorobenzene	ND		1.0	0.41	ug/L			10/08/24 22:26	1
2-Butanone (MEK)	ND		10	1.2	ug/L			10/08/24 22:26	1
2-Hexanone	ND		10	1.1	ug/L			10/08/24 22:26	1
4-Methyl-2-pentanone (MIBK)	ND		10	0.99	ug/L			10/08/24 22:26	1
Acetone	ND		10	5.4	ug/L			10/08/24 22:26	1
Benzene	ND		1.0	0.42	ug/L			10/08/24 22:26	1
Dichlorobromomethane	ND		1.0	0.38	ug/L			10/08/24 22:26	1
Bromoform	ND		1.0	0.76	ug/L			10/08/24 22:26	1
Bromomethane	ND		1.0	0.42	ug/L			10/08/24 22:26	1
Carbon disulfide	ND		1.0	0.59	ug/L			10/08/24 22:26	1
Carbon tetrachloride	ND		1.0	0.26	ug/L			10/08/24 22:26	1
Chlorobenzene	ND		1.0	0.38	ug/L			10/08/24 22:26	1
Chloroethane	ND		1.0	0.83	ug/L			10/08/24 22:26	1
Chloroform	ND		1.0	0.47	ug/L			10/08/24 22:26	1
Chloromethane	ND		1.0	0.63	ug/L			10/08/24 22:26	1
cis-1,2-Dichloroethene	ND		1.0	0.46	ug/L			10/08/24 22:26	1
cis-1,3-Dichloropropene	ND		1.0	0.61	ug/L			10/08/24 22:26	1
Cyclohexane	ND		1.0	0.48	ug/L			10/08/24 22:26	1
Chlorodibromomethane	ND		1.0	0.39	ug/L			10/08/24 22:26	1
Dichlorodifluoromethane	ND		1.0	0.35	ug/L			10/08/24 22:26	1
Ethylbenzene	ND		1.0	0.42	ug/L			10/08/24 22:26	1
Isopropylbenzene	ND		1.0	0.49	ug/L			10/08/24 22:26	1
Methyl acetate	ND		10	1.7	ug/L			10/08/24 22:26	1
Methyl tert-butyl ether	ND		1.0	0.47	ug/L			10/08/24 22:26	1
Methylcyclohexane	ND		1.0	0.33	ug/L			10/08/24 22:26	1
Methylene Chloride	ND		5.0	2.6	ug/L			10/08/24 22:26	1
Styrene	ND		1.0	0.45	ug/L			10/08/24 22:26	1
Tetrachloroethene	ND		1.0	0.44	ug/L			10/08/24 22:26	1
Toluene	ND		1.0	0.44	ug/L			10/08/24 22:26	1
trans-1,2-Dichloroethene	ND		1.0	0.51	ug/L			10/08/24 22:26	1
trans-1,3-Dichloropropene	ND		1.0	0.67	ug/L			10/08/24 22:26	1
Trichloroethene	ND		1.0	0.44	ug/L			10/08/24 22:26	1
Trichlorofluoromethane	ND		1.0	0.45	ug/L			10/08/24 22:26	1
Vinyl chloride	ND		1.0	0.45	ug/L			10/08/24 22:26	1
Xylenes, Total	ND		2.0	0.42	ug/L			10/08/24 22:26	1

Client: August Mack Environmental, Inc.
Project/Site: MSC Canfield - Soil

Job ID: 240-212566-1

Client Sample ID: TB-6-20241006
Date Collected: 10/06/24 00:00
Date Received: 10/07/24 13:00

Lab Sample ID: 240-212566-27
Matrix: Water

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
Toluene-d8 (Surr)	108		78 - 122		10/08/24 22:26	1
Dibromofluoromethane (Surr)	99		73 - 120		10/08/24 22:26	1
4-Bromofluorobenzene (Surr)	103		56 - 136		10/08/24 22:26	1
1,2-Dichloroethane-d4 (Surr)	114		62 - 137		10/08/24 22:26	1

Client: August Mack Environmental, Inc.
Project/Site: MSC Canfield - Soil

Job ID: 240-212566-1

Client Sample ID: T375-W-2.0
Date Collected: 10/04/24 16:03
Date Received: 10/07/24 13:00

Lab Sample ID: 240-212566-28
Matrix: Solid
Percent Solids: 77.0

Method: SW846 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		6.2	2.2	ug/Kg	☼	10/08/24 11:15	10/08/24 17:00	1
1,1,2,2-Tetrachloroethane	ND		6.2	1.8	ug/Kg	☼	10/08/24 11:15	10/08/24 17:00	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		6.2	1.6	ug/Kg	☼	10/08/24 11:15	10/08/24 17:00	1
1,1,2-Trichloroethane	ND		6.2	1.4	ug/Kg	☼	10/08/24 11:15	10/08/24 17:00	1
1,1-Dichloroethane	ND		6.2	1.8	ug/Kg	☼	10/08/24 11:15	10/08/24 17:00	1
1,1-Dichloroethene	ND		6.2	2.3	ug/Kg	☼	10/08/24 11:15	10/08/24 17:00	1
1,2,4-Trichlorobenzene	ND		6.2	3.1	ug/Kg	☼	10/08/24 11:15	10/08/24 17:00	1
1,2-Dibromo-3-Chloropropane	ND		12	4.5	ug/Kg	☼	10/08/24 11:15	10/08/24 17:00	1
Ethylene Dibromide	ND		6.2	0.96	ug/Kg	☼	10/08/24 11:15	10/08/24 17:00	1
1,2-Dichlorobenzene	ND		6.2	1.4	ug/Kg	☼	10/08/24 11:15	10/08/24 17:00	1
1,2-Dichloroethane	ND		6.2	2.3	ug/Kg	☼	10/08/24 11:15	10/08/24 17:00	1
1,2-Dichloropropane	ND		6.2	1.1	ug/Kg	☼	10/08/24 11:15	10/08/24 17:00	1
1,3-Dichlorobenzene	ND		6.2	2.1	ug/Kg	☼	10/08/24 11:15	10/08/24 17:00	1
1,4-Dichlorobenzene	ND		6.2	1.1	ug/Kg	☼	10/08/24 11:15	10/08/24 17:00	1
2-Butanone (MEK)	**5.8**	**J**	25	4.4	ug/Kg	☼	10/08/24 11:15	10/08/24 17:00	1
2-Hexanone	ND		25	5.1	ug/Kg	☼	10/08/24 11:15	10/08/24 17:00	1
4-Methyl-2-pentanone (MIBK)	ND		25	4.6	ug/Kg	☼	10/08/24 11:15	10/08/24 17:00	1
Acetone	**31**		31	26	ug/Kg	☼	10/08/24 11:15	10/08/24 17:00	1
Benzene	ND		6.2	0.87	ug/Kg	☼	10/08/24 11:15	10/08/24 17:00	1
Dichlorobromomethane	ND		6.2	1.9	ug/Kg	☼	10/08/24 11:15	10/08/24 17:00	1
Bromoform	ND		6.2	3.0	ug/Kg	☼	10/08/24 11:15	10/08/24 17:00	1
Bromomethane	ND		6.2	5.2	ug/Kg	☼	10/08/24 11:15	10/08/24 17:00	1
Carbon disulfide	ND		6.2	1.5	ug/Kg	☼	10/08/24 11:15	10/08/24 17:00	1
Carbon tetrachloride	ND		6.2	4.1	ug/Kg	☼	10/08/24 11:15	10/08/24 17:00	1
Chlorobenzene	ND		6.2	1.1	ug/Kg	☼	10/08/24 11:15	10/08/24 17:00	1
Chloroethane	ND		6.2	3.4	ug/Kg	☼	10/08/24 11:15	10/08/24 17:00	1
Chloroform	ND		6.2	0.98	ug/Kg	☼	10/08/24 11:15	10/08/24 17:00	1
Chloromethane	ND		6.2	2.8	ug/Kg	☼	10/08/24 11:15	10/08/24 17:00	1
cis-1,2-Dichloroethene	ND		6.2	1.8	ug/Kg	☼	10/08/24 11:15	10/08/24 17:00	1
cis-1,3-Dichloropropene	ND		6.2	3.6	ug/Kg	☼	10/08/24 11:15	10/08/24 17:00	1
Cyclohexane	ND		12	1.7	ug/Kg	☼	10/08/24 11:15	10/08/24 17:00	1
Chlorodibromomethane	ND		6.2	3.5	ug/Kg	☼	10/08/24 11:15	10/08/24 17:00	1
Dichlorodifluoromethane	ND		6.2	2.8	ug/Kg	☼	10/08/24 11:15	10/08/24 17:00	1
Ethylbenzene	ND		6.2	1.3	ug/Kg	☼	10/08/24 11:15	10/08/24 17:00	1
Isopropylbenzene	ND		6.2	2.4	ug/Kg	☼	10/08/24 11:15	10/08/24 17:00	1
Methyl acetate	ND		31	4.2	ug/Kg	☼	10/08/24 11:15	10/08/24 17:00	1
Methyl tert-butyl ether	ND		6.2	2.5	ug/Kg	☼	10/08/24 11:15	10/08/24 17:00	1
Methylcyclohexane	ND		12	1.5	ug/Kg	☼	10/08/24 11:15	10/08/24 17:00	1
Methylene Chloride	ND		31	15	ug/Kg	☼	10/08/24 11:15	10/08/24 17:00	1
Styrene	ND		6.2	1.4	ug/Kg	☼	10/08/24 11:15	10/08/24 17:00	1
Tetrachloroethene	ND		6.2	4.8	ug/Kg	☼	10/08/24 11:15	10/08/24 17:00	1
Toluene	ND		6.2	0.97	ug/Kg	☼	10/08/24 11:15	10/08/24 17:00	1
trans-1,2-Dichloroethene	ND		6.2	1.8	ug/Kg	☼	10/08/24 11:15	10/08/24 17:00	1
trans-1,3-Dichloropropene	ND		6.2	4.6	ug/Kg	☼	10/08/24 11:15	10/08/24 17:00	1
Trichloroethene	ND		6.2	1.8	ug/Kg	☼	10/08/24 11:15	10/08/24 17:00	1
Trichlorofluoromethane	ND		6.2	3.4	ug/Kg	☼	10/08/24 11:15	10/08/24 17:00	1
Vinyl chloride	ND		6.2	2.2	ug/Kg	☼	10/08/24 11:15	10/08/24 17:00	1
Xylenes, Total	ND		12	2.0	ug/Kg	☼	10/08/24 11:15	10/08/24 17:00	1

Client Sample ID: T375-W-2.0

Date Collected: 10/04/24 16:03
Date Received: 10/07/24 13:00

Lab Sample ID: 240-212566-28

Matrix: Solid
Percent Solids: 77.0

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Toluene-d8 (Surr)	*99*		*56 - 125*	*10/08/24 11:15*	*10/08/24 17:00*	*1*
Dibromofluoromethane (Surr)	*93*		*41 - 138*	*10/08/24 11:15*	*10/08/24 17:00*	*1*
4-Bromofluorobenzene (Surr)	*100*		*41 - 143*	*10/08/24 11:15*	*10/08/24 17:00*	*1*
1,2-Dichloroethane-d4 (Surr)	*104*		*58 - 125*	*10/08/24 11:15*	*10/08/24 17:00*	*1*

Method: SW846 8270E - Semivolatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1'-Biphenyl	ND		130	35	ug/Kg	☼	10/08/24 09:30	10/10/24 13:19	1
bis (2-chloroisopropyl) ether	ND		130	33	ug/Kg	☼	10/08/24 09:30	10/10/24 13:19	1
2,4,5-Trichlorophenol	ND		190	42	ug/Kg	☼	10/08/24 09:30	10/10/24 13:19	1
2,4,6-Trichlorophenol	ND		190	37	ug/Kg	☼	10/08/24 09:30	10/10/24 13:19	1
2,4-Dichlorophenol	ND		190	34	ug/Kg	☼	10/08/24 09:30	10/10/24 13:19	1
2,4-Dimethylphenol	ND		190	45	ug/Kg	☼	10/08/24 09:30	10/10/24 13:19	1
2,4-Dinitrophenol	ND		420	220	ug/Kg	☼	10/08/24 09:30	10/10/24 13:19	1
2,4-Dinitrotoluene	ND		250	29	ug/Kg	☼	10/08/24 09:30	10/10/24 13:19	1
2,6-Dinitrotoluene	ND		250	45	ug/Kg	☼	10/08/24 09:30	10/10/24 13:19	1
2-Chloronaphthalene	ND		130	35	ug/Kg	☼	10/08/24 09:30	10/10/24 13:19	1
2-Chlorophenol	ND		130	33	ug/Kg	☼	10/08/24 09:30	10/10/24 13:19	1
2-Methylnaphthalene	**26**	**J**	51	16	ug/Kg	☼	10/08/24 09:30	10/10/24 13:19	1
2-Methylphenol	ND		250	52	ug/Kg	☼	10/08/24 09:30	10/10/24 13:19	1
2-Nitroaniline	ND		250	48	ug/Kg	☼	10/08/24 09:30	10/10/24 13:19	1
2-Nitrophenol	ND		130	44	ug/Kg	☼	10/08/24 09:30	10/10/24 13:19	1
3,3'-Dichlorobenzidine	ND		190	120	ug/Kg	☼	10/08/24 09:30	10/10/24 13:19	1
3-Nitroaniline	ND		250	44	ug/Kg	☼	10/08/24 09:30	10/10/24 13:19	1
4,6-Dinitro-2-methylphenol	ND		420	130	ug/Kg	☼	10/08/24 09:30	10/10/24 13:19	1
4-Bromophenyl phenyl ether	ND		130	40	ug/Kg	☼	10/08/24 09:30	10/10/24 13:19	1
4-Chloro-3-methylphenol	ND		190	48	ug/Kg	☼	10/08/24 09:30	10/10/24 13:19	1
4-Chloroaniline	ND		190	20	ug/Kg	☼	10/08/24 09:30	10/10/24 13:19	1
4-Chlorophenyl phenyl ether	ND		130	35	ug/Kg	☼	10/08/24 09:30	10/10/24 13:19	1
4-Nitroaniline	ND		250	33	ug/Kg	☼	10/08/24 09:30	10/10/24 13:19	1
4-Nitrophenol	ND		420	110	ug/Kg	☼	10/08/24 09:30	10/10/24 13:19	1
Acenaphthene	**28**	**J**	51	18	ug/Kg	☼	10/08/24 09:30	10/10/24 13:19	1
Acenaphthylene	ND		51	19	ug/Kg	☼	10/08/24 09:30	10/10/24 13:19	1
Acetophenone	ND		130	32	ug/Kg	☼	10/08/24 09:30	10/10/24 13:19	1
Anthracene	**78**		51	15	ug/Kg	☼	10/08/24 09:30	10/10/24 13:19	1
Atrazine	ND		420	87	ug/Kg	☼	10/08/24 09:30	10/10/24 13:19	1
Benzaldehyde	ND		420	71	ug/Kg	☼	10/08/24 09:30	10/10/24 13:19	1
Benzo[a]anthracene	**150**		51	19	ug/Kg	☼	10/08/24 09:30	10/10/24 13:19	1
Benzo[a]pyrene	**150**		51	18	ug/Kg	☼	10/08/24 09:30	10/10/24 13:19	1
Benzo[b]fluoranthene	**220**		51	15	ug/Kg	☼	10/08/24 09:30	10/10/24 13:19	1
Benzo[g,h,i]perylene	**140**		51	34	ug/Kg	☼	10/08/24 09:30	10/10/24 13:19	1
Benzo[k]fluoranthene	**97**		51	13	ug/Kg	☼	10/08/24 09:30	10/10/24 13:19	1
Bis(2-chloroethoxy)methane	ND		130	25	ug/Kg	☼	10/08/24 09:30	10/10/24 13:19	1
Bis(2-chloroethyl)ether	ND		130	28	ug/Kg	☼	10/08/24 09:30	10/10/24 13:19	1
Bis(2-ethylhexyl) phthalate	ND		190	71	ug/Kg	☼	10/08/24 09:30	10/10/24 13:19	1
Butyl benzyl phthalate	ND		190	64	ug/Kg	☼	10/08/24 09:30	10/10/24 13:19	1
Caprolactam	ND		420	87	ug/Kg	☼	10/08/24 09:30	10/10/24 13:19	1
Carbazole	**56**	**J**	130	34	ug/Kg	☼	10/08/24 09:30	10/10/24 13:19	1
Chrysene	**170**		51	18	ug/Kg	☼	10/08/24 09:30	10/10/24 13:19	1
Dibenz(a,h)anthracene	ND		51	19	ug/Kg	☼	10/08/24 09:30	10/10/24 13:19	1

Client Sample ID: T375-W-2.0
Date Collected: 10/04/24 16:03
Date Received: 10/07/24 13:00

Lab Sample ID: 240-212566-28
Matrix: Solid
Percent Solids: 77.0

Method: SW846 8270E - Semivolatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Dibenzofuran	ND		130	37	ug/Kg	☼	10/08/24 09:30	10/10/24 13:19	1
Diethyl phthalate	ND		190	54	ug/Kg	☼	10/08/24 09:30	10/10/24 13:19	1
Dimethyl phthalate	ND		190	51	ug/Kg	☼	10/08/24 09:30	10/10/24 13:19	1
Di-n-butyl phthalate	ND		190	64	ug/Kg	☼	10/08/24 09:30	10/10/24 13:19	1
Di-n-octyl phthalate	ND		190	63	ug/Kg	☼	10/08/24 09:30	10/10/24 13:19	1
Fluoranthene	**400**		51	18	ug/Kg	☼	10/08/24 09:30	10/10/24 13:19	1
Fluorene	**33**	**J**	51	18	ug/Kg	☼	10/08/24 09:30	10/10/24 13:19	1
Hexachlorobenzene	ND		51	18	ug/Kg	☼	10/08/24 09:30	10/10/24 13:19	1
Hexachlorobutadiene	ND		130	27	ug/Kg	☼	10/08/24 09:30	10/10/24 13:19	1
Hexachlorocyclopentadiene	ND		420	49	ug/Kg	☼	10/08/24 09:30	10/10/24 13:19	1
Hexachloroethane	ND		130	40	ug/Kg	☼	10/08/24 09:30	10/10/24 13:19	1
Indeno[1,2,3-cd]pyrene	**110**		51	15	ug/Kg	☼	10/08/24 09:30	10/10/24 13:19	1
Isophorone	ND		130	33	ug/Kg	☼	10/08/24 09:30	10/10/24 13:19	1
N-Nitrosodi-n-propylamine	ND		130	47	ug/Kg	☼	10/08/24 09:30	10/10/24 13:19	1
N-Nitrosodiphenylamine	ND		130	34	ug/Kg	☼	10/08/24 09:30	10/10/24 13:19	1
Naphthalene	**21**	**J**	51	16	ug/Kg	☼	10/08/24 09:30	10/10/24 13:19	1
Nitrobenzene	ND		130	28	ug/Kg	☼	10/08/24 09:30	10/10/24 13:19	1
Pentachlorophenol	ND		340	130	ug/Kg	☼	10/08/24 09:30	10/10/24 13:19	1
Phenanthrene	**260**		51	16	ug/Kg	☼	10/08/24 09:30	10/10/24 13:19	1
Phenol	ND		130	48	ug/Kg	☼	10/08/24 09:30	10/10/24 13:19	1
Pyrene	**290**		51	20	ug/Kg	☼	10/08/24 09:30	10/10/24 13:19	1
3 & 4 Methylphenol	ND		510	52	ug/Kg	☼	10/08/24 09:30	10/10/24 13:19	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Terphenyl-d14 (Surr)	*74*		*37 - 120*	*10/08/24 09:30*	*10/10/24 13:19*	*1*
Phenol-d5 (Surr)	*77*		*29 - 120*	*10/08/24 09:30*	*10/10/24 13:19*	*1*
Nitrobenzene-d5 (Surr)	*58*		*28 - 120*	*10/08/24 09:30*	*10/10/24 13:19*	*1*
2-Fluorophenol (Surr)	*76*		*26 - 120*	*10/08/24 09:30*	*10/10/24 13:19*	*1*
2-Fluorobiphenyl (Surr)	*81*		*36 - 120*	*10/08/24 09:30*	*10/10/24 13:19*	*1*
2,4,6-Tribromophenol (Surr)	*83*		*10 - 120*	*10/08/24 09:30*	*10/10/24 13:19*	*1*

Method: SW846 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aroclor-1016	ND		66	33	ug/Kg	☼	10/10/24 09:29	10/10/24 15:59	1
Aroclor-1221	ND		66	40	ug/Kg	☼	10/10/24 09:29	10/10/24 15:59	1
Aroclor-1232	ND		66	28	ug/Kg	☼	10/10/24 09:29	10/10/24 15:59	1
Aroclor-1242	ND		66	25	ug/Kg	☼	10/10/24 09:29	10/10/24 15:59	1
Aroclor-1248	**54**	**J**	66	22	ug/Kg	☼	10/10/24 09:29	10/10/24 15:59	1
Aroclor-1254	ND		66	28	ug/Kg	☼	10/10/24 09:29	10/10/24 15:59	1
Aroclor-1260	ND		66	28	ug/Kg	☼	10/10/24 09:29	10/10/24 15:59	1
Aroclor-1262	ND		66	29	ug/Kg	☼	10/10/24 09:29	10/10/24 15:59	1
Aroclor-1268	ND		66	21	ug/Kg	☼	10/10/24 09:29	10/10/24 15:59	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Tetrachloro-m-xylene	*48*		*10 - 149*	*10/10/24 09:29*	*10/10/24 15:59*	*1*
DCB Decachlorobiphenyl	*52*		*10 - 174*	*10/10/24 09:29*	*10/10/24 15:59*	*1*

Method: SW846 6010D - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	**12**		1.5	0.32	mg/Kg	☼	10/08/24 13:00	10/09/24 15:02	1

Client Sample ID: T375-W-2.0

Date Collected: 10/04/24 16:03
Date Received: 10/07/24 13:00

Lab Sample ID: 240-212566-28

Matrix: Solid
Percent Solids: 77.0

Method: SW846 6010D - Metals (ICP) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Barium	70		20	0.13	mg/Kg	☼	10/08/24 13:00	10/09/24 15:02	1
Cadmium	0.14	J	0.51	0.049	mg/Kg	☼	10/08/24 13:00	10/09/24 15:02	1
Chromium	17		1.0	0.35	mg/Kg	☼	10/08/24 13:00	10/09/24 15:02	1
Copper	16		2.5	0.71	mg/Kg	☼	10/08/24 13:00	10/09/24 15:02	1
Lead	18		1.0	0.29	mg/Kg	☼	10/08/24 13:00	10/09/24 15:02	1
Selenium	ND		2.0	0.48	mg/Kg	☼	10/08/24 13:00	10/09/24 15:02	1
Silver	ND		1.0	0.082	mg/Kg	☼	10/08/24 13:00	10/09/24 15:02	1
Zinc	310		5.1	3.7	mg/Kg	☼	10/08/24 13:00	10/09/24 15:02	1

Method: SW846 7471B - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.053	J	0.12	0.022	mg/Kg	☼	10/08/24 13:00	10/09/24 10:49	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cyanide, Total (SW846 9012B)	49		32	26	mg/Kg	☼	10/09/24 13:22	10/09/24 16:16	50

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Solids (EPA Moisture)	77.0		0.1	0.1	%			10/08/24 13:48	1
Percent Moisture (EPA Moisture)	23.0		0.1	0.1	%			10/08/24 13:48	1

Client: August Mack Environmental, Inc.
Project/Site: MSC Canfield - Soil

Job ID: 240-212566-1

Client Sample ID: T375-W-4.0
Date Collected: 10/04/24 16:30
Date Received: 10/07/24 13:00

Lab Sample ID: 240-212566-29
Matrix: Solid
Percent Solids: 74.6

Method: SW846 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		6.4	2.3	ug/Kg	☼	10/08/24 11:15	10/08/24 17:20	1
1,1,2,2-Tetrachloroethane	ND		6.4	1.8	ug/Kg	☼	10/08/24 11:15	10/08/24 17:20	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		6.4	1.6	ug/Kg	☼	10/08/24 11:15	10/08/24 17:20	1
1,1,2-Trichloroethane	ND		6.4	1.4	ug/Kg	☼	10/08/24 11:15	10/08/24 17:20	1
1,1-Dichloroethane	ND		6.4	1.8	ug/Kg	☼	10/08/24 11:15	10/08/24 17:20	1
1,1-Dichloroethene	ND		6.4	2.3	ug/Kg	☼	10/08/24 11:15	10/08/24 17:20	1
1,2,4-Trichlorobenzene	ND		6.4	3.2	ug/Kg	☼	10/08/24 11:15	10/08/24 17:20	1
1,2-Dibromo-3-Chloropropane	ND		13	4.6	ug/Kg	☼	10/08/24 11:15	10/08/24 17:20	1
Ethylene Dibromide	ND		6.4	0.98	ug/Kg	☼	10/08/24 11:15	10/08/24 17:20	1
1,2-Dichlorobenzene	ND		6.4	1.4	ug/Kg	☼	10/08/24 11:15	10/08/24 17:20	1
1,2-Dichloroethane	ND		6.4	2.3	ug/Kg	☼	10/08/24 11:15	10/08/24 17:20	1
1,2-Dichloropropane	ND		6.4	1.1	ug/Kg	☼	10/08/24 11:15	10/08/24 17:20	1
1,3-Dichlorobenzene	ND		6.4	2.1	ug/Kg	☼	10/08/24 11:15	10/08/24 17:20	1
1,4-Dichlorobenzene	ND		6.4	1.1	ug/Kg	☼	10/08/24 11:15	10/08/24 17:20	1
2-Butanone (MEK)	**9.8**	**J**	25	4.5	ug/Kg	☼	10/08/24 11:15	10/08/24 17:20	1
2-Hexanone	ND		25	5.2	ug/Kg	☼	10/08/24 11:15	10/08/24 17:20	1
4-Methyl-2-pentanone (MIBK)	ND		25	4.7	ug/Kg	☼	10/08/24 11:15	10/08/24 17:20	1
Acetone	**41**		32	27	ug/Kg	☼	10/08/24 11:15	10/08/24 17:20	1
Benzene	ND		6.4	0.89	ug/Kg	☼	10/08/24 11:15	10/08/24 17:20	1
Dichlorobromomethane	ND		6.4	1.9	ug/Kg	☼	10/08/24 11:15	10/08/24 17:20	1
Bromoform	ND		6.4	3.1	ug/Kg	☼	10/08/24 11:15	10/08/24 17:20	1
Bromomethane	ND		6.4	5.3	ug/Kg	☼	10/08/24 11:15	10/08/24 17:20	1
Carbon disulfide	ND		6.4	1.5	ug/Kg	☼	10/08/24 11:15	10/08/24 17:20	1
Carbon tetrachloride	ND		6.4	4.1	ug/Kg	☼	10/08/24 11:15	10/08/24 17:20	1
Chlorobenzene	ND		6.4	1.2	ug/Kg	☼	10/08/24 11:15	10/08/24 17:20	1
Chloroethane	ND		6.4	3.5	ug/Kg	☼	10/08/24 11:15	10/08/24 17:20	1
Chloroform	ND		6.4	1.0	ug/Kg	☼	10/08/24 11:15	10/08/24 17:20	1
Chloromethane	ND		6.4	2.9	ug/Kg	☼	10/08/24 11:15	10/08/24 17:20	1
cis-1,2-Dichloroethene	ND		6.4	1.9	ug/Kg	☼	10/08/24 11:15	10/08/24 17:20	1
cis-1,3-Dichloropropene	ND		6.4	3.7	ug/Kg	☼	10/08/24 11:15	10/08/24 17:20	1
Cyclohexane	ND		13	1.7	ug/Kg	☼	10/08/24 11:15	10/08/24 17:20	1
Chlorodibromomethane	ND		6.4	3.5	ug/Kg	☼	10/08/24 11:15	10/08/24 17:20	1
Dichlorodifluoromethane	ND		6.4	2.9	ug/Kg	☼	10/08/24 11:15	10/08/24 17:20	1
Ethylbenzene	ND		6.4	1.3	ug/Kg	☼	10/08/24 11:15	10/08/24 17:20	1
Isopropylbenzene	ND		6.4	2.4	ug/Kg	☼	10/08/24 11:15	10/08/24 17:20	1
Methyl acetate	ND		32	4.3	ug/Kg	☼	10/08/24 11:15	10/08/24 17:20	1
Methyl tert-butyl ether	ND		6.4	2.5	ug/Kg	☼	10/08/24 11:15	10/08/24 17:20	1
Methylcyclohexane	ND		13	1.6	ug/Kg	☼	10/08/24 11:15	10/08/24 17:20	1
Methylene Chloride	ND		32	15	ug/Kg	☼	10/08/24 11:15	10/08/24 17:20	1
Styrene	ND		6.4	1.5	ug/Kg	☼	10/08/24 11:15	10/08/24 17:20	1
Tetrachloroethene	ND		6.4	4.9	ug/Kg	☼	10/08/24 11:15	10/08/24 17:20	1
Toluene	ND		6.4	0.98	ug/Kg	☼	10/08/24 11:15	10/08/24 17:20	1
trans-1,2-Dichloroethene	ND		6.4	1.8	ug/Kg	☼	10/08/24 11:15	10/08/24 17:20	1
trans-1,3-Dichloropropene	ND		6.4	4.7	ug/Kg	☼	10/08/24 11:15	10/08/24 17:20	1
Trichloroethene	ND		6.4	1.8	ug/Kg	☼	10/08/24 11:15	10/08/24 17:20	1
Trichlorofluoromethane	ND		6.4	3.4	ug/Kg	☼	10/08/24 11:15	10/08/24 17:20	1
Vinyl chloride	ND		6.4	2.3	ug/Kg	☼	10/08/24 11:15	10/08/24 17:20	1
Xylenes, Total	ND		13	2.0	ug/Kg	☼	10/08/24 11:15	10/08/24 17:20	1

Client: August Mack Environmental, Inc.
Project/Site: MSC Canfield - Soil

Job ID: 240-212566-1

Client Sample ID: T375-W-4.0
Date Collected: 10/04/24 16:30
Date Received: 10/07/24 13:00

Lab Sample ID: 240-212566-29
Matrix: Solid
Percent Solids: 74.6

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
Toluene-d8 (Surr)	99		56 - 125	10/08/24 11:15	10/08/24 17:20	1
Dibromofluoromethane (Surr)	91		41 - 138	10/08/24 11:15	10/08/24 17:20	1
4-Bromofluorobenzene (Surr)	99		41 - 143	10/08/24 11:15	10/08/24 17:20	1
1,2-Dichloroethane-d4 (Surr)	100		58 - 125	10/08/24 11:15	10/08/24 17:20	1

Method: SW846 8270E - Semivolatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1'-Biphenyl	ND		130	37	ug/Kg	☼	10/08/24 09:30	10/10/24 13:44	1
bis (2-chloroisopropyl) ether	ND		130	34	ug/Kg	☼	10/08/24 09:30	10/10/24 13:44	1
2,4,5-Trichlorophenol	ND		200	43	ug/Kg	☼	10/08/24 09:30	10/10/24 13:44	1
2,4,6-Trichlorophenol	ND		200	38	ug/Kg	☼	10/08/24 09:30	10/10/24 13:44	1
2,4-Dichlorophenol	ND		200	35	ug/Kg	☼	10/08/24 09:30	10/10/24 13:44	1
2,4-Dimethylphenol	ND		200	47	ug/Kg	☼	10/08/24 09:30	10/10/24 13:44	1
2,4-Dinitrophenol	ND		430	220	ug/Kg	☼	10/08/24 09:30	10/10/24 13:44	1
2,4-Dinitrotoluene	ND		260	30	ug/Kg	☼	10/08/24 09:30	10/10/24 13:44	1
2,6-Dinitrotoluene	ND		260	47	ug/Kg	☼	10/08/24 09:30	10/10/24 13:44	1
2-Chloronaphthalene	ND		130	37	ug/Kg	☼	10/08/24 09:30	10/10/24 13:44	1
2-Chlorophenol	ND		130	34	ug/Kg	☼	10/08/24 09:30	10/10/24 13:44	1
2-Methylnaphthalene	**33**	**J**	52	17	ug/Kg	☼	10/08/24 09:30	10/10/24 13:44	1
2-Methylphenol	ND		260	54	ug/Kg	☼	10/08/24 09:30	10/10/24 13:44	1
2-Nitroaniline	ND		260	50	ug/Kg	☼	10/08/24 09:30	10/10/24 13:44	1
2-Nitrophenol	ND		130	46	ug/Kg	☼	10/08/24 09:30	10/10/24 13:44	1
3,3'-Dichlorobenzidine	ND		200	120	ug/Kg	☼	10/08/24 09:30	10/10/24 13:44	1
3-Nitroaniline	ND		260	46	ug/Kg	☼	10/08/24 09:30	10/10/24 13:44	1
4,6-Dinitro-2-methylphenol	ND		430	140	ug/Kg	☼	10/08/24 09:30	10/10/24 13:44	1
4-Bromophenyl phenyl ether	ND		130	42	ug/Kg	☼	10/08/24 09:30	10/10/24 13:44	1
4-Chloro-3-methylphenol	ND		200	50	ug/Kg	☼	10/08/24 09:30	10/10/24 13:44	1
4-Chloroaniline	ND		200	21	ug/Kg	☼	10/08/24 09:30	10/10/24 13:44	1
4-Chlorophenyl phenyl ether	ND		130	37	ug/Kg	☼	10/08/24 09:30	10/10/24 13:44	1
4-Nitroaniline	ND		260	34	ug/Kg	☼	10/08/24 09:30	10/10/24 13:44	1
4-Nitrophenol	ND		430	120	ug/Kg	☼	10/08/24 09:30	10/10/24 13:44	1
Acenaphthene	ND		52	18	ug/Kg	☼	10/08/24 09:30	10/10/24 13:44	1
Acenaphthylene	ND		52	20	ug/Kg	☼	10/08/24 09:30	10/10/24 13:44	1
Acetophenone	ND		130	33	ug/Kg	☼	10/08/24 09:30	10/10/24 13:44	1
Anthracene	**20**	**J**	52	16	ug/Kg	☼	10/08/24 09:30	10/10/24 13:44	1
Atrazine	ND		430	91	ug/Kg	☼	10/08/24 09:30	10/10/24 13:44	1
Benzaldehyde	ND		430	73	ug/Kg	☼	10/08/24 09:30	10/10/24 13:44	1
Benzo[a]anthracene	**59**		52	20	ug/Kg	☼	10/08/24 09:30	10/10/24 13:44	1
Benzo[a]pyrene	**63**		52	18	ug/Kg	☼	10/08/24 09:30	10/10/24 13:44	1
Benzo[b]fluoranthene	**99**		52	16	ug/Kg	☼	10/08/24 09:30	10/10/24 13:44	1
Benzo[g,h,i]perylene	**78**		52	35	ug/Kg	☼	10/08/24 09:30	10/10/24 13:44	1
Benzo[k]fluoranthene	**28**	**J**	52	13	ug/Kg	☼	10/08/24 09:30	10/10/24 13:44	1
Bis(2-chloroethoxy)methane	ND		130	26	ug/Kg	☼	10/08/24 09:30	10/10/24 13:44	1
Bis(2-chloroethyl)ether	ND		130	29	ug/Kg	☼	10/08/24 09:30	10/10/24 13:44	1
Bis(2-ethylhexyl) phthalate	ND		200	73	ug/Kg	☼	10/08/24 09:30	10/10/24 13:44	1
Butyl benzyl phthalate	ND		200	67	ug/Kg	☼	10/08/24 09:30	10/10/24 13:44	1
Caprolactam	ND		430	91	ug/Kg	☼	10/08/24 09:30	10/10/24 13:44	1
Carbazole	ND		130	35	ug/Kg	☼	10/08/24 09:30	10/10/24 13:44	1
Chrysene	**77**		52	18	ug/Kg	☼	10/08/24 09:30	10/10/24 13:44	1
Dibenz(a,h)anthracene	ND		52	20	ug/Kg	☼	10/08/24 09:30	10/10/24 13:44	1

Client Sample ID: T375-W-4.0

Date Collected: 10/04/24 16:30
Date Received: 10/07/24 13:00

Lab Sample ID: 240-212566-29

Matrix: Solid
Percent Solids: 74.6

Method: SW846 8270E - Semivolatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Dibenzofuran	ND		130	38	ug/Kg	☼	10/08/24 09:30	10/10/24 13:44	1
Diethyl phthalate	ND		200	56	ug/Kg	☼	10/08/24 09:30	10/10/24 13:44	1
Dimethyl phthalate	ND		200	52	ug/Kg	☼	10/08/24 09:30	10/10/24 13:44	1
Di-n-butyl phthalate	ND		200	67	ug/Kg	☼	10/08/24 09:30	10/10/24 13:44	1
Di-n-octyl phthalate	ND		200	66	ug/Kg	☼	10/08/24 09:30	10/10/24 13:44	1
Fluoranthene	**140**		52	18	ug/Kg	☼	10/08/24 09:30	10/10/24 13:44	1
Fluorene	ND		52	18	ug/Kg	☼	10/08/24 09:30	10/10/24 13:44	1
Hexachlorobenzene	ND		52	18	ug/Kg	☼	10/08/24 09:30	10/10/24 13:44	1
Hexachlorobutadiene	ND		130	28	ug/Kg	☼	10/08/24 09:30	10/10/24 13:44	1
Hexachlorocyclopentadiene	ND		430	51	ug/Kg	☼	10/08/24 09:30	10/10/24 13:44	1
Hexachloroethane	ND		130	42	ug/Kg	☼	10/08/24 09:30	10/10/24 13:44	1
Indeno[1,2,3-cd]pyrene	**54**		52	16	ug/Kg	☼	10/08/24 09:30	10/10/24 13:44	1
Isophorone	ND		130	34	ug/Kg	☼	10/08/24 09:30	10/10/24 13:44	1
N-Nitrosodi-n-propylamine	ND		130	49	ug/Kg	☼	10/08/24 09:30	10/10/24 13:44	1
N-Nitrosodiphenylamine	ND		130	35	ug/Kg	☼	10/08/24 09:30	10/10/24 13:44	1
Naphthalene	**32**	**J**	52	17	ug/Kg	☼	10/08/24 09:30	10/10/24 13:44	1
Nitrobenzene	ND		130	29	ug/Kg	☼	10/08/24 09:30	10/10/24 13:44	1
Pentachlorophenol	ND		350	140	ug/Kg	☼	10/08/24 09:30	10/10/24 13:44	1
Phenanthrene	**86**		52	17	ug/Kg	☼	10/08/24 09:30	10/10/24 13:44	1
Phenol	ND		130	50	ug/Kg	☼	10/08/24 09:30	10/10/24 13:44	1
Pyrene	**120**		52	21	ug/Kg	☼	10/08/24 09:30	10/10/24 13:44	1
3 & 4 Methylphenol	ND		520	54	ug/Kg	☼	10/08/24 09:30	10/10/24 13:44	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Terphenyl-d14 (Surr)	*70*		*37 - 120*	*10/08/24 09:30*	*10/10/24 13:44*	*1*
Phenol-d5 (Surr)	*74*		*29 - 120*	*10/08/24 09:30*	*10/10/24 13:44*	*1*
Nitrobenzene-d5 (Surr)	*34*		*28 - 120*	*10/08/24 09:30*	*10/10/24 13:44*	*1*
2-Fluorophenol (Surr)	*73*		*26 - 120*	*10/08/24 09:30*	*10/10/24 13:44*	*1*
2-Fluorobiphenyl (Surr)	*75*		*36 - 120*	*10/08/24 09:30*	*10/10/24 13:44*	*1*
2,4,6-Tribromophenol (Surr)	*85*		*10 - 120*	*10/08/24 09:30*	*10/10/24 13:44*	*1*

Method: SW846 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aroclor-1016	ND		66	33	ug/Kg	☼	10/10/24 09:29	10/10/24 16:13	1
Aroclor-1221	ND		66	39	ug/Kg	☼	10/10/24 09:29	10/10/24 16:13	1
Aroclor-1232	ND		66	28	ug/Kg	☼	10/10/24 09:29	10/10/24 16:13	1
Aroclor-1242	ND		66	25	ug/Kg	☼	10/10/24 09:29	10/10/24 16:13	1
Aroclor-1248	**100**		66	22	ug/Kg	☼	10/10/24 09:29	10/10/24 16:13	1
Aroclor-1254	ND		66	28	ug/Kg	☼	10/10/24 09:29	10/10/24 16:13	1
Aroclor-1260	ND		66	28	ug/Kg	☼	10/10/24 09:29	10/10/24 16:13	1
Aroclor-1262	ND		66	29	ug/Kg	☼	10/10/24 09:29	10/10/24 16:13	1
Aroclor-1268	ND		66	21	ug/Kg	☼	10/10/24 09:29	10/10/24 16:13	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Tetrachloro-m-xylene	*47*		*10 - 149*	*10/10/24 09:29*	*10/10/24 16:13*	*1*
DCB Decachlorobiphenyl	*55*		*10 - 174*	*10/10/24 09:29*	*10/10/24 16:13*	*1*

Method: SW846 6010D - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	**14**		1.5	0.33	mg/Kg	☼	10/08/24 13:00	10/09/24 15:07	1

Client: August Mack Environmental, Inc.
Project/Site: MSC Canfield - Soil

Job ID: 240-212566-1

Client Sample ID: T375-W-4.0

Date Collected: 10/04/24 16:30
Date Received: 10/07/24 13:00

Lab Sample ID: 240-212566-29

Matrix: Solid
Percent Solids: 74.6

Method: SW846 6010D - Metals (ICP) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Barium	110		21	0.13	mg/Kg	☼	10/08/24 13:00	10/09/24 15:07	1
Cadmium	0.41	J	0.52	0.049	mg/Kg	☼	10/08/24 13:00	10/09/24 15:07	1
Chromium	23		1.0	0.35	mg/Kg	☼	10/08/24 13:00	10/09/24 15:07	1
Copper	20		2.6	0.72	mg/Kg	☼	10/08/24 13:00	10/09/24 15:07	1
Lead	31		1.0	0.29	mg/Kg	☼	10/08/24 13:00	10/09/24 15:07	1
Selenium	0.79	J	2.1	0.48	mg/Kg	☼	10/08/24 13:00	10/09/24 15:07	1
Silver	ND		1.0	0.084	mg/Kg	☼	10/08/24 13:00	10/09/24 15:07	1
Zinc	630		5.2	3.7	mg/Kg	☼	10/08/24 13:00	10/09/24 15:07	1

Method: SW846 7471B - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.055	J	0.11	0.021	mg/Kg	☼	10/08/24 13:00	10/09/24 10:51	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cyanide, Total (SW846 9012B)	ND		38	30	mg/Kg	☼	10/09/24 13:22	10/09/24 16:21	50

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Solids (EPA Moisture)	74.6		0.1	0.1	%			10/08/24 13:48	1
Percent Moisture (EPA Moisture)	25.4		0.1	0.1	%			10/08/24 13:48	1

Client: August Mack Environmental, Inc.
Project/Site: MSC Canfield - Soil

Job ID: 240-212566-1

Client Sample ID: T375-E-2.0
Date Collected: 10/04/24 15:30
Date Received: 10/07/24 13:00

Lab Sample ID: 240-212566-30
Matrix: Solid
Percent Solids: 75.8

Method: SW846 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		6.1	2.2	ug/Kg	☼	10/08/24 11:15	10/08/24 17:40	1
1,1,2,2-Tetrachloroethane	ND		6.1	1.7	ug/Kg	☼	10/08/24 11:15	10/08/24 17:40	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		6.1	1.6	ug/Kg	☼	10/08/24 11:15	10/08/24 17:40	1
1,1,2-Trichloroethane	ND		6.1	1.4	ug/Kg	☼	10/08/24 11:15	10/08/24 17:40	1
1,1-Dichloroethane	ND		6.1	1.7	ug/Kg	☼	10/08/24 11:15	10/08/24 17:40	1
1,1-Dichloroethene	ND		6.1	2.2	ug/Kg	☼	10/08/24 11:15	10/08/24 17:40	1
1,2,4-Trichlorobenzene	ND		6.1	3.0	ug/Kg	☼	10/08/24 11:15	10/08/24 17:40	1
1,2-Dibromo-3-Chloropropane	ND		12	4.4	ug/Kg	☼	10/08/24 11:15	10/08/24 17:40	1
Ethylene Dibromide	ND		6.1	0.94	ug/Kg	☼	10/08/24 11:15	10/08/24 17:40	1
1,2-Dichlorobenzene	ND		6.1	1.4	ug/Kg	☼	10/08/24 11:15	10/08/24 17:40	1
1,2-Dichloroethane	ND		6.1	2.2	ug/Kg	☼	10/08/24 11:15	10/08/24 17:40	1
1,2-Dichloropropane	ND		6.1	1.0	ug/Kg	☼	10/08/24 11:15	10/08/24 17:40	1
1,3-Dichlorobenzene	ND		6.1	2.0	ug/Kg	☼	10/08/24 11:15	10/08/24 17:40	1
1,4-Dichlorobenzene	ND		6.1	1.1	ug/Kg	☼	10/08/24 11:15	10/08/24 17:40	1
2-Butanone (MEK)	**6.7**	**J**	24	4.3	ug/Kg	☼	10/08/24 11:15	10/08/24 17:40	1
2-Hexanone	ND		24	5.0	ug/Kg	☼	10/08/24 11:15	10/08/24 17:40	1
4-Methyl-2-pentanone (MIBK)	ND		24	4.5	ug/Kg	☼	10/08/24 11:15	10/08/24 17:40	1
Acetone	**36**		30	26	ug/Kg	☼	10/08/24 11:15	10/08/24 17:40	1
Benzene	ND		6.1	0.85	ug/Kg	☼	10/08/24 11:15	10/08/24 17:40	1
Dichlorobromomethane	ND		6.1	1.8	ug/Kg	☼	10/08/24 11:15	10/08/24 17:40	1
Bromoform	ND		6.1	2.9	ug/Kg	☼	10/08/24 11:15	10/08/24 17:40	1
Bromomethane	ND		6.1	5.0	ug/Kg	☼	10/08/24 11:15	10/08/24 17:40	1
Carbon disulfide	ND		6.1	1.4	ug/Kg	☼	10/08/24 11:15	10/08/24 17:40	1
Carbon tetrachloride	ND		6.1	4.0	ug/Kg	☼	10/08/24 11:15	10/08/24 17:40	1
Chlorobenzene	ND		6.1	1.1	ug/Kg	☼	10/08/24 11:15	10/08/24 17:40	1
Chloroethane	ND		6.1	3.3	ug/Kg	☼	10/08/24 11:15	10/08/24 17:40	1
Chloroform	ND		6.1	0.96	ug/Kg	☼	10/08/24 11:15	10/08/24 17:40	1
Chloromethane	ND		6.1	2.8	ug/Kg	☼	10/08/24 11:15	10/08/24 17:40	1
cis-1,2-Dichloroethene	ND		6.1	1.8	ug/Kg	☼	10/08/24 11:15	10/08/24 17:40	1
cis-1,3-Dichloropropene	ND		6.1	3.5	ug/Kg	☼	10/08/24 11:15	10/08/24 17:40	1
Cyclohexane	ND		12	1.7	ug/Kg	☼	10/08/24 11:15	10/08/24 17:40	1
Chlorodibromomethane	ND		6.1	3.4	ug/Kg	☼	10/08/24 11:15	10/08/24 17:40	1
Dichlorodifluoromethane	ND		6.1	2.7	ug/Kg	☼	10/08/24 11:15	10/08/24 17:40	1
Ethylbenzene	ND		6.1	1.3	ug/Kg	☼	10/08/24 11:15	10/08/24 17:40	1
Isopropylbenzene	ND		6.1	2.3	ug/Kg	☼	10/08/24 11:15	10/08/24 17:40	1
Methyl acetate	ND		30	4.1	ug/Kg	☼	10/08/24 11:15	10/08/24 17:40	1
Methyl tert-butyl ether	ND		6.1	2.4	ug/Kg	☼	10/08/24 11:15	10/08/24 17:40	1
Methylcyclohexane	ND		12	1.5	ug/Kg	☼	10/08/24 11:15	10/08/24 17:40	1
Methylene Chloride	ND		30	15	ug/Kg	☼	10/08/24 11:15	10/08/24 17:40	1
Styrene	ND		6.1	1.4	ug/Kg	☼	10/08/24 11:15	10/08/24 17:40	1
Tetrachloroethene	ND		6.1	4.7	ug/Kg	☼	10/08/24 11:15	10/08/24 17:40	1
Toluene	ND		6.1	0.94	ug/Kg	☼	10/08/24 11:15	10/08/24 17:40	1
trans-1,2-Dichloroethene	ND		6.1	1.7	ug/Kg	☼	10/08/24 11:15	10/08/24 17:40	1
trans-1,3-Dichloropropene	ND		6.1	4.5	ug/Kg	☼	10/08/24 11:15	10/08/24 17:40	1
Trichloroethene	ND		6.1	1.7	ug/Kg	☼	10/08/24 11:15	10/08/24 17:40	1
Trichlorofluoromethane	ND		6.1	3.3	ug/Kg	☼	10/08/24 11:15	10/08/24 17:40	1
Vinyl chloride	ND		6.1	2.2	ug/Kg	☼	10/08/24 11:15	10/08/24 17:40	1
Xylenes, Total	ND		12	1.9	ug/Kg	☼	10/08/24 11:15	10/08/24 17:40	1

Client Sample ID: T375-E-2.0

Date Collected: 10/04/24 15:30
Date Received: 10/07/24 13:00

Lab Sample ID: 240-212566-30

Matrix: Solid
Percent Solids: 75.8

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Toluene-d8 (Surr)	*93*		*56 - 125*	*10/08/24 11:15*	*10/08/24 17:40*	*1*
Dibromofluoromethane (Surr)	*88*		*41 - 138*	*10/08/24 11:15*	*10/08/24 17:40*	*1*
4-Bromofluorobenzene (Surr)	*90*		*41 - 143*	*10/08/24 11:15*	*10/08/24 17:40*	*1*
1,2-Dichloroethane-d4 (Surr)	*93*		*58 - 125*	*10/08/24 11:15*	*10/08/24 17:40*	*1*

Method: SW846 8270E - Semivolatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1'-Biphenyl	ND		130	37	ug/Kg	☼	10/08/24 09:30	10/11/24 12:39	1
bis (2-chloroisopropyl) ether	ND		130	34	ug/Kg	☼	10/08/24 09:30	10/11/24 12:39	1
2,4,5-Trichlorophenol	ND		200	43	ug/Kg	☼	10/08/24 09:30	10/11/24 12:39	1
2,4,6-Trichlorophenol	ND		200	38	ug/Kg	☼	10/08/24 09:30	10/11/24 12:39	1
2,4-Dichlorophenol	ND		200	35	ug/Kg	☼	10/08/24 09:30	10/11/24 12:39	1
2,4-Dimethylphenol	ND		200	47	ug/Kg	☼	10/08/24 09:30	10/11/24 12:39	1
2,4-Dinitrophenol	ND		430	220	ug/Kg	☼	10/08/24 09:30	10/11/24 12:39	1
2,4-Dinitrotoluene	ND		260	30	ug/Kg	☼	10/08/24 09:30	10/11/24 12:39	1
2,6-Dinitrotoluene	ND		260	47	ug/Kg	☼	10/08/24 09:30	10/11/24 12:39	1
2-Chloronaphthalene	ND		130	37	ug/Kg	☼	10/08/24 09:30	10/11/24 12:39	1
2-Chlorophenol	ND		130	34	ug/Kg	☼	10/08/24 09:30	10/11/24 12:39	1
2-Methylnaphthalene	**23**	**J**	52	17	ug/Kg	☼	10/08/24 09:30	10/11/24 12:39	1
2-Methylphenol	ND		260	54	ug/Kg	☼	10/08/24 09:30	10/11/24 12:39	1
2-Nitroaniline	ND		260	50	ug/Kg	☼	10/08/24 09:30	10/11/24 12:39	1
2-Nitrophenol	ND		130	46	ug/Kg	☼	10/08/24 09:30	10/11/24 12:39	1
3,3'-Dichlorobenzidine	ND		200	120	ug/Kg	☼	10/08/24 09:30	10/11/24 12:39	1
3-Nitroaniline	ND		260	46	ug/Kg	☼	10/08/24 09:30	10/11/24 12:39	1
4,6-Dinitro-2-methylphenol	ND		430	140	ug/Kg	☼	10/08/24 09:30	10/11/24 12:39	1
4-Bromophenyl phenyl ether	ND		130	42	ug/Kg	☼	10/08/24 09:30	10/11/24 12:39	1
4-Chloro-3-methylphenol	ND		200	50	ug/Kg	☼	10/08/24 09:30	10/11/24 12:39	1
4-Chloroaniline	ND		200	21	ug/Kg	☼	10/08/24 09:30	10/11/24 12:39	1
4-Chlorophenyl phenyl ether	ND		130	37	ug/Kg	☼	10/08/24 09:30	10/11/24 12:39	1
4-Nitroaniline	ND		260	34	ug/Kg	☼	10/08/24 09:30	10/11/24 12:39	1
4-Nitrophenol	ND		430	120	ug/Kg	☼	10/08/24 09:30	10/11/24 12:39	1
Acenaphthene	**34**	**J**	52	18	ug/Kg	☼	10/08/24 09:30	10/11/24 12:39	1
Acenaphthylene	ND		52	20	ug/Kg	☼	10/08/24 09:30	10/11/24 12:39	1
Acetophenone	ND		130	33	ug/Kg	☼	10/08/24 09:30	10/11/24 12:39	1
Anthracene	**74**		52	16	ug/Kg	☼	10/08/24 09:30	10/11/24 12:39	1
Atrazine	ND		430	90	ug/Kg	☼	10/08/24 09:30	10/11/24 12:39	1
Benzaldehyde	ND		430	73	ug/Kg	☼	10/08/24 09:30	10/11/24 12:39	1
Benzo[a]anthracene	**140**		52	20	ug/Kg	☼	10/08/24 09:30	10/11/24 12:39	1
Benzo[a]pyrene	**140**		52	18	ug/Kg	☼	10/08/24 09:30	10/11/24 12:39	1
Benzo[b]fluoranthene	**220**		52	16	ug/Kg	☼	10/08/24 09:30	10/11/24 12:39	1
Benzo[g,h,i]perylene	**140**		52	35	ug/Kg	☼	10/08/24 09:30	10/11/24 12:39	1
Benzo[k]fluoranthene	**79**		52	13	ug/Kg	☼	10/08/24 09:30	10/11/24 12:39	1
Bis(2-chloroethoxy)methane	ND		130	26	ug/Kg	☼	10/08/24 09:30	10/11/24 12:39	1
Bis(2-chloroethyl)ether	ND		130	29	ug/Kg	☼	10/08/24 09:30	10/11/24 12:39	1
Bis(2-ethylhexyl) phthalate	ND		200	73	ug/Kg	☼	10/08/24 09:30	10/11/24 12:39	1
Butyl benzyl phthalate	ND		200	67	ug/Kg	☼	10/08/24 09:30	10/11/24 12:39	1
Caprolactam	ND		430	90	ug/Kg	☼	10/08/24 09:30	10/11/24 12:39	1
Carbazole	**53**	**J**	130	35	ug/Kg	☼	10/08/24 09:30	10/11/24 12:39	1
Chrysene	**180**		52	18	ug/Kg	☼	10/08/24 09:30	10/11/24 12:39	1
Dibenz(a,h)anthracene	**32**	**J**	52	20	ug/Kg	☼	10/08/24 09:30	10/11/24 12:39	1

Client Sample ID: T375-E-2.0

Date Collected: 10/04/24 15:30
Date Received: 10/07/24 13:00

Lab Sample ID: 240-212566-30

Matrix: Solid
Percent Solids: 75.8

Method: SW846 8270E - Semivolatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Dibenzofuran	ND		130	38	ug/Kg	☼	10/08/24 09:30	10/11/24 12:39	1
Diethyl phthalate	ND		200	56	ug/Kg	☼	10/08/24 09:30	10/11/24 12:39	1
Dimethyl phthalate	ND		200	52	ug/Kg	☼	10/08/24 09:30	10/11/24 12:39	1
Di-n-butyl phthalate	ND		200	67	ug/Kg	☼	10/08/24 09:30	10/11/24 12:39	1
Di-n-octyl phthalate	ND		200	65	ug/Kg	☼	10/08/24 09:30	10/11/24 12:39	1
Fluoranthene	**400**		52	18	ug/Kg	☼	10/08/24 09:30	10/11/24 12:39	1
Fluorene	**39**	**J**	52	18	ug/Kg	☼	10/08/24 09:30	10/11/24 12:39	1
Hexachlorobenzene	ND		52	18	ug/Kg	☼	10/08/24 09:30	10/11/24 12:39	1
Hexachlorobutadiene	ND		130	27	ug/Kg	☼	10/08/24 09:30	10/11/24 12:39	1
Hexachlorocyclopentadiene	ND		430	51	ug/Kg	☼	10/08/24 09:30	10/11/24 12:39	1
Hexachloroethane	ND		130	42	ug/Kg	☼	10/08/24 09:30	10/11/24 12:39	1
Indeno[1,2,3-cd]pyrene	**97**		52	16	ug/Kg	☼	10/08/24 09:30	10/11/24 12:39	1
Isophorone	ND		130	34	ug/Kg	☼	10/08/24 09:30	10/11/24 12:39	1
N-Nitrosodi-n-propylamine	ND		130	48	ug/Kg	☼	10/08/24 09:30	10/11/24 12:39	1
N-Nitrosodiphenylamine	ND		130	35	ug/Kg	☼	10/08/24 09:30	10/11/24 12:39	1
Naphthalene	**23**	**J**	52	17	ug/Kg	☼	10/08/24 09:30	10/11/24 12:39	1
Nitrobenzene	ND		130	29	ug/Kg	☼	10/08/24 09:30	10/11/24 12:39	1
Pentachlorophenol	ND		350	140	ug/Kg	☼	10/08/24 09:30	10/11/24 12:39	1
Phenanthrene	**290**		52	17	ug/Kg	☼	10/08/24 09:30	10/11/24 12:39	1
Phenol	ND		130	50	ug/Kg	☼	10/08/24 09:30	10/11/24 12:39	1
Pyrene	**290**		52	21	ug/Kg	☼	10/08/24 09:30	10/11/24 12:39	1
3 & 4 Methylphenol	ND		520	54	ug/Kg	☼	10/08/24 09:30	10/11/24 12:39	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Terphenyl-d14 (Surr)	*71*		*37 - 120*	*10/08/24 09:30*	*10/11/24 12:39*	*1*
Phenol-d5 (Surr)	*87*		*29 - 120*	*10/08/24 09:30*	*10/11/24 12:39*	*1*
Nitrobenzene-d5 (Surr)	*36*		*28 - 120*	*10/08/24 09:30*	*10/11/24 12:39*	*1*
2-Fluorophenol (Surr)	*78*		*26 - 120*	*10/08/24 09:30*	*10/11/24 12:39*	*1*
2-Fluorobiphenyl (Surr)	*81*		*36 - 120*	*10/08/24 09:30*	*10/11/24 12:39*	*1*
2,4,6-Tribromophenol (Surr)	*79*		*10 - 120*	*10/08/24 09:30*	*10/11/24 12:39*	*1*

Method: SW846 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aroclor-1016	ND		64	32	ug/Kg	☼	10/10/24 09:29	10/10/24 16:27	1
Aroclor-1221	ND		64	38	ug/Kg	☼	10/10/24 09:29	10/10/24 16:27	1
Aroclor-1232	ND		64	27	ug/Kg	☼	10/10/24 09:29	10/10/24 16:27	1
Aroclor-1242	ND		64	24	ug/Kg	☼	10/10/24 09:29	10/10/24 16:27	1
Aroclor-1248	**56**	**J**	64	22	ug/Kg	☼	10/10/24 09:29	10/10/24 16:27	1
Aroclor-1254	ND		64	27	ug/Kg	☼	10/10/24 09:29	10/10/24 16:27	1
Aroclor-1260	ND		64	27	ug/Kg	☼	10/10/24 09:29	10/10/24 16:27	1
Aroclor-1262	ND		64	28	ug/Kg	☼	10/10/24 09:29	10/10/24 16:27	1
Aroclor-1268	ND		64	20	ug/Kg	☼	10/10/24 09:29	10/10/24 16:27	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Tetrachloro-m-xylene	*69*		*10 - 149*	*10/10/24 09:29*	*10/10/24 16:27*	*1*
DCB Decachlorobiphenyl	*90*		*10 - 174*	*10/10/24 09:29*	*10/10/24 16:27*	*1*

Method: SW846 6010D - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	**15**		1.5	0.31	mg/Kg	☼	10/08/24 13:00	10/09/24 15:20	1

Client: August Mack Environmental, Inc.
Project/Site: MSC Canfield - Soil

Job ID: 240-212566-1

Client Sample ID: T375-E-2.0
Date Collected: 10/04/24 15:30
Date Received: 10/07/24 13:00

Lab Sample ID: 240-212566-30
Matrix: Solid
Percent Solids: 75.8

Method: SW846 6010D - Metals (ICP) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Barium	66		20	0.12	mg/Kg	☼	10/08/24 13:00	10/09/24 15:20	1
Cadmium	0.21	J	0.49	0.047	mg/Kg	☼	10/08/24 13:00	10/09/24 15:20	1
Chromium	21		0.98	0.34	mg/Kg	☼	10/08/24 13:00	10/09/24 15:20	1
Copper	25		2.5	0.69	mg/Kg	☼	10/08/24 13:00	10/09/24 15:20	1
Lead	23		0.98	0.28	mg/Kg	☼	10/08/24 13:00	10/09/24 15:20	1
Selenium	0.52	J	2.0	0.46	mg/Kg	☼	10/08/24 13:00	10/09/24 15:20	1
Silver	ND		0.98	0.080	mg/Kg	☼	10/08/24 13:00	10/09/24 15:20	1
Zinc	460		4.9	3.6	mg/Kg	☼	10/08/24 13:00	10/09/24 15:20	1

Method: SW846 7471B - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.051	J	0.12	0.021	mg/Kg	☼	10/08/24 13:00	10/09/24 10:52	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cyanide, Total (SW846 9012B)	ND		32	25	mg/Kg	☼	10/09/24 13:22	10/09/24 16:25	50

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Solids (EPA Moisture)	75.8		0.1	0.1	%			10/08/24 13:48	1
Percent Moisture (EPA Moisture)	24.2		0.1	0.1	%			10/08/24 13:48	1

Client: August Mack Environmental, Inc.
Project/Site: MSC Canfield - Soil

Job ID: 240-212566-1

Client Sample ID: T375-E-4.0
Date Collected: 10/04/24 15:35
Date Received: 10/07/24 13:00

Lab Sample ID: 240-212566-31
Matrix: Solid
Percent Solids: 73.2

Method: SW846 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		6.6	2.3	ug/Kg	☼	10/08/24 11:15	10/08/24 18:00	1
1,1,2,2-Tetrachloroethane	ND		6.6	1.9	ug/Kg	☼	10/08/24 11:15	10/08/24 18:00	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		6.6	1.7	ug/Kg	☼	10/08/24 11:15	10/08/24 18:00	1
1,1,2-Trichloroethane	ND		6.6	1.5	ug/Kg	☼	10/08/24 11:15	10/08/24 18:00	1
1,1-Dichloroethane	ND		6.6	1.9	ug/Kg	☼	10/08/24 11:15	10/08/24 18:00	1
1,1-Dichloroethene	ND		6.6	2.4	ug/Kg	☼	10/08/24 11:15	10/08/24 18:00	1
1,2,4-Trichlorobenzene	ND		6.6	3.3	ug/Kg	☼	10/08/24 11:15	10/08/24 18:00	1
1,2-Dibromo-3-Chloropropane	ND		13	4.8	ug/Kg	☼	10/08/24 11:15	10/08/24 18:00	1
Ethylene Dibromide	ND		6.6	1.0	ug/Kg	☼	10/08/24 11:15	10/08/24 18:00	1
1,2-Dichlorobenzene	ND		6.6	1.5	ug/Kg	☼	10/08/24 11:15	10/08/24 18:00	1
1,2-Dichloroethane	ND		6.6	2.4	ug/Kg	☼	10/08/24 11:15	10/08/24 18:00	1
1,2-Dichloropropane	ND		6.6	1.1	ug/Kg	☼	10/08/24 11:15	10/08/24 18:00	1
1,3-Dichlorobenzene	ND		6.6	2.2	ug/Kg	☼	10/08/24 11:15	10/08/24 18:00	1
1,4-Dichlorobenzene	ND		6.6	1.2	ug/Kg	☼	10/08/24 11:15	10/08/24 18:00	1
2-Butanone (MEK)	**12**	**J**	26	4.7	ug/Kg	☼	10/08/24 11:15	10/08/24 18:00	1
2-Hexanone	ND		26	5.4	ug/Kg	☼	10/08/24 11:15	10/08/24 18:00	1
4-Methyl-2-pentanone (MIBK)	ND		26	4.9	ug/Kg	☼	10/08/24 11:15	10/08/24 18:00	1
Acetone	**67**		33	28	ug/Kg	☼	10/08/24 11:15	10/08/24 18:00	1
Benzene	ND		6.6	0.92	ug/Kg	☼	10/08/24 11:15	10/08/24 18:00	1
Dichlorobromomethane	ND		6.6	2.0	ug/Kg	☼	10/08/24 11:15	10/08/24 18:00	1
Bromoform	ND		6.6	3.2	ug/Kg	☼	10/08/24 11:15	10/08/24 18:00	1
Bromomethane	ND		6.6	5.5	ug/Kg	☼	10/08/24 11:15	10/08/24 18:00	1
Carbon disulfide	ND		6.6	1.5	ug/Kg	☼	10/08/24 11:15	10/08/24 18:00	1
Carbon tetrachloride	ND		6.6	4.3	ug/Kg	☼	10/08/24 11:15	10/08/24 18:00	1
Chlorobenzene	ND		6.6	1.2	ug/Kg	☼	10/08/24 11:15	10/08/24 18:00	1
Chloroethane	ND		6.6	3.6	ug/Kg	☼	10/08/24 11:15	10/08/24 18:00	1
Chloroform	ND		6.6	1.0	ug/Kg	☼	10/08/24 11:15	10/08/24 18:00	1
Chloromethane	ND		6.6	3.0	ug/Kg	☼	10/08/24 11:15	10/08/24 18:00	1
cis-1,2-Dichloroethene	ND		6.6	2.0	ug/Kg	☼	10/08/24 11:15	10/08/24 18:00	1
cis-1,3-Dichloropropene	ND		6.6	3.8	ug/Kg	☼	10/08/24 11:15	10/08/24 18:00	1
Cyclohexane	ND		13	1.8	ug/Kg	☼	10/08/24 11:15	10/08/24 18:00	1
Chlorodibromomethane	ND		6.6	3.7	ug/Kg	☼	10/08/24 11:15	10/08/24 18:00	1
Dichlorodifluoromethane	ND		6.6	3.0	ug/Kg	☼	10/08/24 11:15	10/08/24 18:00	1
Ethylbenzene	ND		6.6	1.4	ug/Kg	☼	10/08/24 11:15	10/08/24 18:00	1
Isopropylbenzene	ND		6.6	2.5	ug/Kg	☼	10/08/24 11:15	10/08/24 18:00	1
Methyl acetate	ND		33	4.5	ug/Kg	☼	10/08/24 11:15	10/08/24 18:00	1
Methyl tert-butyl ether	ND		6.6	2.6	ug/Kg	☼	10/08/24 11:15	10/08/24 18:00	1
Methylcyclohexane	ND		13	1.6	ug/Kg	☼	10/08/24 11:15	10/08/24 18:00	1
Methylene Chloride	ND		33	16	ug/Kg	☼	10/08/24 11:15	10/08/24 18:00	1
Styrene	ND		6.6	1.5	ug/Kg	☼	10/08/24 11:15	10/08/24 18:00	1
Tetrachloroethene	ND		6.6	5.1	ug/Kg	☼	10/08/24 11:15	10/08/24 18:00	1
Toluene	ND		6.6	1.0	ug/Kg	☼	10/08/24 11:15	10/08/24 18:00	1
trans-1,2-Dichloroethene	ND		6.6	1.9	ug/Kg	☼	10/08/24 11:15	10/08/24 18:00	1
trans-1,3-Dichloropropene	ND		6.6	4.9	ug/Kg	☼	10/08/24 11:15	10/08/24 18:00	1
Trichloroethene	ND		6.6	1.9	ug/Kg	☼	10/08/24 11:15	10/08/24 18:00	1
Trichlorofluoromethane	ND		6.6	3.6	ug/Kg	☼	10/08/24 11:15	10/08/24 18:00	1
Vinyl chloride	ND		6.6	2.3	ug/Kg	☼	10/08/24 11:15	10/08/24 18:00	1
Xylenes, Total	ND		13	2.1	ug/Kg	☼	10/08/24 11:15	10/08/24 18:00	1

Client Sample ID: T375-E-4.0

Date Collected: 10/04/24 15:35
Date Received: 10/07/24 13:00

Lab Sample ID: 240-212566-31

Matrix: Solid
Percent Solids: 73.2

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Toluene-d8 (Surr)	*95*		*56 - 125*	*10/08/24 11:15*	*10/08/24 18:00*	*1*
Dibromofluoromethane (Surr)	*89*		*41 - 138*	*10/08/24 11:15*	*10/08/24 18:00*	*1*
4-Bromofluorobenzene (Surr)	*97*		*41 - 143*	*10/08/24 11:15*	*10/08/24 18:00*	*1*
1,2-Dichloroethane-d4 (Surr)	*98*		*58 - 125*	*10/08/24 11:15*	*10/08/24 18:00*	*1*

Method: SW846 8270E - Semivolatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1'-Biphenyl	ND		140	39	ug/Kg	☼	10/08/24 09:30	10/11/24 12:15	1
bis (2-chloroisopropyl) ether	ND		140	36	ug/Kg	☼	10/08/24 09:30	10/11/24 12:15	1
2,4,5-Trichlorophenol	ND		210	46	ug/Kg	☼	10/08/24 09:30	10/11/24 12:15	1
2,4,6-Trichlorophenol	ND		210	41	ug/Kg	☼	10/08/24 09:30	10/11/24 12:15	1
2,4-Dichlorophenol	ND		210	38	ug/Kg	☼	10/08/24 09:30	10/11/24 12:15	1
2,4-Dimethylphenol	ND		210	50	ug/Kg	☼	10/08/24 09:30	10/11/24 12:15	1
2,4-Dinitrophenol	ND		460	240	ug/Kg	☼	10/08/24 09:30	10/11/24 12:15	1
2,4-Dinitrotoluene	ND		280	32	ug/Kg	☼	10/08/24 09:30	10/11/24 12:15	1
2,6-Dinitrotoluene	ND		280	50	ug/Kg	☼	10/08/24 09:30	10/11/24 12:15	1
2-Chloronaphthalene	ND		140	39	ug/Kg	☼	10/08/24 09:30	10/11/24 12:15	1
2-Chlorophenol	ND		140	36	ug/Kg	☼	10/08/24 09:30	10/11/24 12:15	1
2-Methylnaphthalene	**37**	**J**	56	18	ug/Kg	☼	10/08/24 09:30	10/11/24 12:15	1
2-Methylphenol	ND		280	57	ug/Kg	☼	10/08/24 09:30	10/11/24 12:15	1
2-Nitroaniline	ND		280	53	ug/Kg	☼	10/08/24 09:30	10/11/24 12:15	1
2-Nitrophenol	ND		140	49	ug/Kg	☼	10/08/24 09:30	10/11/24 12:15	1
3,3'-Dichlorobenzidine	ND		210	130	ug/Kg	☼	10/08/24 09:30	10/11/24 12:15	1
3-Nitroaniline	ND		280	49	ug/Kg	☼	10/08/24 09:30	10/11/24 12:15	1
4,6-Dinitro-2-methylphenol	ND		460	150	ug/Kg	☼	10/08/24 09:30	10/11/24 12:15	1
4-Bromophenyl phenyl ether	ND		140	45	ug/Kg	☼	10/08/24 09:30	10/11/24 12:15	1
4-Chloro-3-methylphenol	ND		210	53	ug/Kg	☼	10/08/24 09:30	10/11/24 12:15	1
4-Chloroaniline	ND		210	22	ug/Kg	☼	10/08/24 09:30	10/11/24 12:15	1
4-Chlorophenyl phenyl ether	ND		140	39	ug/Kg	☼	10/08/24 09:30	10/11/24 12:15	1
4-Nitroaniline	ND		280	36	ug/Kg	☼	10/08/24 09:30	10/11/24 12:15	1
4-Nitrophenol	ND		460	130	ug/Kg	☼	10/08/24 09:30	10/11/24 12:15	1
Acenaphthene	**110**		56	20	ug/Kg	☼	10/08/24 09:30	10/11/24 12:15	1
Acenaphthylene	ND		56	21	ug/Kg	☼	10/08/24 09:30	10/11/24 12:15	1
Acetophenone	ND		140	35	ug/Kg	☼	10/08/24 09:30	10/11/24 12:15	1
Anthracene	**230**		56	17	ug/Kg	☼	10/08/24 09:30	10/11/24 12:15	1
Atrazine	ND		460	97	ug/Kg	☼	10/08/24 09:30	10/11/24 12:15	1
Benzaldehyde	ND		460	78	ug/Kg	☼	10/08/24 09:30	10/11/24 12:15	1
Benzo[a]anthracene	**400**		56	21	ug/Kg	☼	10/08/24 09:30	10/11/24 12:15	1
Benzo[a]pyrene	**310**		56	20	ug/Kg	☼	10/08/24 09:30	10/11/24 12:15	1
Benzo[b]fluoranthene	**440**		56	17	ug/Kg	☼	10/08/24 09:30	10/11/24 12:15	1
Benzo[g,h,i]perylene	**240**		56	38	ug/Kg	☼	10/08/24 09:30	10/11/24 12:15	1
Benzo[k]fluoranthene	**190**		56	14	ug/Kg	☼	10/08/24 09:30	10/11/24 12:15	1
Bis(2-chloroethoxy)methane	ND		140	28	ug/Kg	☼	10/08/24 09:30	10/11/24 12:15	1
Bis(2-chloroethyl)ether	ND		140	31	ug/Kg	☼	10/08/24 09:30	10/11/24 12:15	1
Bis(2-ethylhexyl) phthalate	ND		210	78	ug/Kg	☼	10/08/24 09:30	10/11/24 12:15	1
Butyl benzyl phthalate	ND		210	71	ug/Kg	☼	10/08/24 09:30	10/11/24 12:15	1
Caprolactam	ND		460	97	ug/Kg	☼	10/08/24 09:30	10/11/24 12:15	1
Carbazole	**180**		140	38	ug/Kg	☼	10/08/24 09:30	10/11/24 12:15	1
Chrysene	**440**		56	20	ug/Kg	☼	10/08/24 09:30	10/11/24 12:15	1
Dibenz(a,h)anthracene	**67**		56	21	ug/Kg	☼	10/08/24 09:30	10/11/24 12:15	1

Client Sample ID: T375-E-4.0
Date Collected: 10/04/24 15:35
Date Received: 10/07/24 13:00

Lab Sample ID: 240-212566-31
Matrix: Solid
Percent Solids: 73.2

Method: SW846 8270E - Semivolatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Dibenzofuran	**86**	**J**	140	41	ug/Kg	☼	10/08/24 09:30	10/11/24 12:15	1
Diethyl phthalate	ND		210	60	ug/Kg	☼	10/08/24 09:30	10/11/24 12:15	1
Dimethyl phthalate	ND		210	56	ug/Kg	☼	10/08/24 09:30	10/11/24 12:15	1
Di-n-butyl phthalate	ND		210	71	ug/Kg	☼	10/08/24 09:30	10/11/24 12:15	1
Di-n-octyl phthalate	ND		210	70	ug/Kg	☼	10/08/24 09:30	10/11/24 12:15	1
Fluoranthene	**1200**		56	20	ug/Kg	☼	10/08/24 09:30	10/11/24 12:15	1
Fluorene	**99**		56	20	ug/Kg	☼	10/08/24 09:30	10/11/24 12:15	1
Hexachlorobenzene	ND		56	20	ug/Kg	☼	10/08/24 09:30	10/11/24 12:15	1
Hexachlorobutadiene	ND		140	29	ug/Kg	☼	10/08/24 09:30	10/11/24 12:15	1
Hexachlorocyclopentadiene	ND		460	55	ug/Kg	☼	10/08/24 09:30	10/11/24 12:15	1
Hexachloroethane	ND		140	45	ug/Kg	☼	10/08/24 09:30	10/11/24 12:15	1
Indeno[1,2,3-cd]pyrene	**210**		56	17	ug/Kg	☼	10/08/24 09:30	10/11/24 12:15	1
Isophorone	ND		140	36	ug/Kg	☼	10/08/24 09:30	10/11/24 12:15	1
N-Nitrosodi-n-propylamine	ND		140	52	ug/Kg	☼	10/08/24 09:30	10/11/24 12:15	1
N-Nitrosodiphenylamine	ND		140	38	ug/Kg	☼	10/08/24 09:30	10/11/24 12:15	1
Naphthalene	**54**	**J**	56	18	ug/Kg	☼	10/08/24 09:30	10/11/24 12:15	1
Nitrobenzene	ND		140	31	ug/Kg	☼	10/08/24 09:30	10/11/24 12:15	1
Pentachlorophenol	ND		380	150	ug/Kg	☼	10/08/24 09:30	10/11/24 12:15	1
Phenanthrene	**1000**		56	18	ug/Kg	☼	10/08/24 09:30	10/11/24 12:15	1
Phenol	ND		140	53	ug/Kg	☼	10/08/24 09:30	10/11/24 12:15	1
Pyrene	**810**		56	22	ug/Kg	☼	10/08/24 09:30	10/11/24 12:15	1
3 & 4 Methylphenol	ND		560	57	ug/Kg	☼	10/08/24 09:30	10/11/24 12:15	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Terphenyl-d14 (Surr)	*66*		*37 - 120*	*10/08/24 09:30*	*10/11/24 12:15*	*1*
Phenol-d5 (Surr)	*78*		*29 - 120*	*10/08/24 09:30*	*10/11/24 12:15*	*1*
Nitrobenzene-d5 (Surr)	*37*		*28 - 120*	*10/08/24 09:30*	*10/11/24 12:15*	*1*
2-Fluorophenol (Surr)	*73*		*26 - 120*	*10/08/24 09:30*	*10/11/24 12:15*	*1*
2-Fluorobiphenyl (Surr)	*74*		*36 - 120*	*10/08/24 09:30*	*10/11/24 12:15*	*1*
2,4,6-Tribromophenol (Surr)	*74*		*10 - 120*	*10/08/24 09:30*	*10/11/24 12:15*	*1*

Method: SW846 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aroclor-1016	ND		68	34	ug/Kg	☼	10/10/24 09:29	10/10/24 16:41	1
Aroclor-1221	ND		68	41	ug/Kg	☼	10/10/24 09:29	10/10/24 16:41	1
Aroclor-1232	ND		68	28	ug/Kg	☼	10/10/24 09:29	10/10/24 16:41	1
Aroclor-1242	ND		68	26	ug/Kg	☼	10/10/24 09:29	10/10/24 16:41	1
Aroclor-1248	**53**	**J**	68	23	ug/Kg	☼	10/10/24 09:29	10/10/24 16:41	1
Aroclor-1254	ND		68	28	ug/Kg	☼	10/10/24 09:29	10/10/24 16:41	1
Aroclor-1260	ND		68	28	ug/Kg	☼	10/10/24 09:29	10/10/24 16:41	1
Aroclor-1262	ND		68	30	ug/Kg	☼	10/10/24 09:29	10/10/24 16:41	1
Aroclor-1268	ND		68	22	ug/Kg	☼	10/10/24 09:29	10/10/24 16:41	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Tetrachloro-m-xylene	*69*		*10 - 149*	*10/10/24 09:29*	*10/10/24 16:41*	*1*
DCB Decachlorobiphenyl	*88*		*10 - 174*	*10/10/24 09:29*	*10/10/24 16:41*	*1*

Method: SW846 6010D - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	**14**		1.8	0.38	mg/Kg	☼	10/08/24 13:00	10/09/24 15:25	1

Client: August Mack Environmental, Inc.
Project/Site: MSC Canfield - Soil

Job ID: 240-212566-1

Client Sample ID: T375-E-4.0
Date Collected: 10/04/24 15:35
Date Received: 10/07/24 13:00

Lab Sample ID: 240-212566-31
Matrix: Solid
Percent Solids: 73.2

Method: SW846 6010D - Metals (ICP) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Barium	59		24	0.15	mg/Kg	☼	10/08/24 13:00	10/09/24 15:25	1
Cadmium	0.12	J	0.60	0.057	mg/Kg	☼	10/08/24 13:00	10/09/24 15:25	1
Chromium	18		1.2	0.41	mg/Kg	☼	10/08/24 13:00	10/09/24 15:25	1
Copper	20		3.0	0.84	mg/Kg	☼	10/08/24 13:00	10/09/24 15:25	1
Lead	21		1.2	0.34	mg/Kg	☼	10/08/24 13:00	10/09/24 15:25	1
Selenium	0.58	J	2.4	0.56	mg/Kg	☼	10/08/24 13:00	10/09/24 15:25	1
Silver	ND		1.2	0.097	mg/Kg	☼	10/08/24 13:00	10/09/24 15:25	1
Zinc	330		6.0	4.3	mg/Kg	☼	10/08/24 13:00	10/09/24 15:25	1

Method: SW846 7471B - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.060	J	0.13	0.024	mg/Kg	☼	10/08/24 13:00	10/09/24 10:54	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cyanide, Total (SW846 9012B)	ND		36	28	mg/Kg	☼	10/09/24 13:22	10/09/24 16:30	50

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Solids (EPA Moisture)	73.2		0.1	0.1	%			10/08/24 13:48	1
Percent Moisture (EPA Moisture)	26.8		0.1	0.1	%			10/08/24 13:48	1

Client: August Mack Environmental, Inc.
Project/Site: MSC Canfield - Soil

Job ID: 240-212566-1

Client Sample ID: DUP7-20241005
Date Collected: 10/05/24 00:00
Date Received: 10/07/24 13:00

Lab Sample ID: 240-212566-32
Matrix: Solid
Percent Solids: 87.1

Method: SW846 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		5.6	2.0	ug/Kg	☼	10/08/24 11:15	10/08/24 18:19	1
1,1,2,2-Tetrachloroethane	ND		5.6	1.6	ug/Kg	☼	10/08/24 11:15	10/08/24 18:19	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		5.6	1.4	ug/Kg	☼	10/08/24 11:15	10/08/24 18:19	1
1,1,2-Trichloroethane	ND		5.6	1.3	ug/Kg	☼	10/08/24 11:15	10/08/24 18:19	1
1,1-Dichloroethane	ND		5.6	1.6	ug/Kg	☼	10/08/24 11:15	10/08/24 18:19	1
1,1-Dichloroethene	ND		5.6	2.0	ug/Kg	☼	10/08/24 11:15	10/08/24 18:19	1
1,2,4-Trichlorobenzene	ND		5.6	2.8	ug/Kg	☼	10/08/24 11:15	10/08/24 18:19	1
1,2-Dibromo-3-Chloropropane	ND		11	4.0	ug/Kg	☼	10/08/24 11:15	10/08/24 18:19	1
Ethylene Dibromide	ND		5.6	0.86	ug/Kg	☼	10/08/24 11:15	10/08/24 18:19	1
1,2-Dichlorobenzene	ND		5.6	1.2	ug/Kg	☼	10/08/24 11:15	10/08/24 18:19	1
1,2-Dichloroethane	ND		5.6	2.0	ug/Kg	☼	10/08/24 11:15	10/08/24 18:19	1
1,2-Dichloropropane	ND		5.6	0.95	ug/Kg	☼	10/08/24 11:15	10/08/24 18:19	1
1,3-Dichlorobenzene	ND		5.6	1.8	ug/Kg	☼	10/08/24 11:15	10/08/24 18:19	1
1,4-Dichlorobenzene	ND		5.6	0.98	ug/Kg	☼	10/08/24 11:15	10/08/24 18:19	1
2-Butanone (MEK)	ND		22	4.0	ug/Kg	☼	10/08/24 11:15	10/08/24 18:19	1
2-Hexanone	ND		22	4.6	ug/Kg	☼	10/08/24 11:15	10/08/24 18:19	1
4-Methyl-2-pentanone (MIBK)	ND		22	4.1	ug/Kg	☼	10/08/24 11:15	10/08/24 18:19	1
Acetone	ND		28	23	ug/Kg	☼	10/08/24 11:15	10/08/24 18:19	1
Benzene	ND		5.6	0.78	ug/Kg	☼	10/08/24 11:15	10/08/24 18:19	1
Dichlorobromomethane	ND		5.6	1.7	ug/Kg	☼	10/08/24 11:15	10/08/24 18:19	1
Bromoform	ND		5.6	2.7	ug/Kg	☼	10/08/24 11:15	10/08/24 18:19	1
Bromomethane	ND		5.6	4.6	ug/Kg	☼	10/08/24 11:15	10/08/24 18:19	1
Carbon disulfide	ND		5.6	1.3	ug/Kg	☼	10/08/24 11:15	10/08/24 18:19	1
Carbon tetrachloride	ND		5.6	3.6	ug/Kg	☼	10/08/24 11:15	10/08/24 18:19	1
Chlorobenzene	ND		5.6	1.0	ug/Kg	☼	10/08/24 11:15	10/08/24 18:19	1
Chloroethane	ND		5.6	3.1	ug/Kg	☼	10/08/24 11:15	10/08/24 18:19	1
Chloroform	ND		5.6	0.88	ug/Kg	☼	10/08/24 11:15	10/08/24 18:19	1
Chloromethane	ND		5.6	2.5	ug/Kg	☼	10/08/24 11:15	10/08/24 18:19	1
cis-1,2-Dichloroethene	ND		5.6	1.7	ug/Kg	☼	10/08/24 11:15	10/08/24 18:19	1
cis-1,3-Dichloropropene	ND		5.6	3.2	ug/Kg	☼	10/08/24 11:15	10/08/24 18:19	1
Cyclohexane	ND		11	1.5	ug/Kg	☼	10/08/24 11:15	10/08/24 18:19	1
Chlorodibromomethane	ND		5.6	3.1	ug/Kg	☼	10/08/24 11:15	10/08/24 18:19	1
Dichlorodifluoromethane	ND		5.6	2.5	ug/Kg	☼	10/08/24 11:15	10/08/24 18:19	1
Ethylbenzene	ND		5.6	1.2	ug/Kg	☼	10/08/24 11:15	10/08/24 18:19	1
Isopropylbenzene	ND		5.6	2.1	ug/Kg	☼	10/08/24 11:15	10/08/24 18:19	1
Methyl acetate	ND		28	3.8	ug/Kg	☼	10/08/24 11:15	10/08/24 18:19	1
Methyl tert-butyl ether	ND		5.6	2.2	ug/Kg	☼	10/08/24 11:15	10/08/24 18:19	1
Methylcyclohexane	ND		11	1.4	ug/Kg	☼	10/08/24 11:15	10/08/24 18:19	1
Methylene Chloride	ND		28	13	ug/Kg	☼	10/08/24 11:15	10/08/24 18:19	1
Styrene	ND		5.6	1.3	ug/Kg	☼	10/08/24 11:15	10/08/24 18:19	1
Tetrachloroethene	ND		5.6	4.3	ug/Kg	☼	10/08/24 11:15	10/08/24 18:19	1
Toluene	ND		5.6	0.86	ug/Kg	☼	10/08/24 11:15	10/08/24 18:19	1
trans-1,2-Dichloroethene	ND		5.6	1.6	ug/Kg	☼	10/08/24 11:15	10/08/24 18:19	1
trans-1,3-Dichloropropene	ND		5.6	4.1	ug/Kg	☼	10/08/24 11:15	10/08/24 18:19	1
Trichloroethene	ND		5.6	1.6	ug/Kg	☼	10/08/24 11:15	10/08/24 18:19	1
Trichlorofluoromethane	ND		5.6	3.0	ug/Kg	☼	10/08/24 11:15	10/08/24 18:19	1
Vinyl chloride	ND		5.6	2.0	ug/Kg	☼	10/08/24 11:15	10/08/24 18:19	1
Xylenes, Total	ND		11	1.8	ug/Kg	☼	10/08/24 11:15	10/08/24 18:19	1

Client: August Mack Environmental, Inc.
Project/Site: MSC Canfield - Soil

Job ID: 240-212566-1

Client Sample ID: DUP7-20241005
Date Collected: 10/05/24 00:00
Date Received: 10/07/24 13:00

Lab Sample ID: 240-212566-32
Matrix: Solid
Percent Solids: 87.1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Toluene-d8 (Surr)	*90*		*56 - 125*	*10/08/24 11:15*	*10/08/24 18:19*	*1*
Dibromofluoromethane (Surr)	*84*		*41 - 138*	*10/08/24 11:15*	*10/08/24 18:19*	*1*
4-Bromofluorobenzene (Surr)	*94*		*41 - 143*	*10/08/24 11:15*	*10/08/24 18:19*	*1*
1,2-Dichloroethane-d4 (Surr)	*98*		*58 - 125*	*10/08/24 11:15*	*10/08/24 18:19*	*1*

Method: SW846 8270E - Semivolatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1'-Biphenyl	ND		110	32	ug/Kg	☼	10/08/24 09:30	10/09/24 20:56	1
bis (2-chloroisopropyl) ether	ND		110	30	ug/Kg	☼	10/08/24 09:30	10/09/24 20:56	1
2,4,5-Trichlorophenol	ND		170	38	ug/Kg	☼	10/08/24 09:30	10/09/24 20:56	1
2,4,6-Trichlorophenol	ND		170	33	ug/Kg	☼	10/08/24 09:30	10/09/24 20:56	1
2,4-Dichlorophenol	ND		170	31	ug/Kg	☼	10/08/24 09:30	10/09/24 20:56	1
2,4-Dimethylphenol	ND		170	41	ug/Kg	☼	10/08/24 09:30	10/09/24 20:56	1
2,4-Dinitrophenol	ND		380	190	ug/Kg	☼	10/08/24 09:30	10/09/24 20:56	1
2,4-Dinitrotoluene	ND		230	26	ug/Kg	☼	10/08/24 09:30	10/09/24 20:56	1
2,6-Dinitrotoluene	ND		230	41	ug/Kg	☼	10/08/24 09:30	10/09/24 20:56	1
2-Chloronaphthalene	ND		110	32	ug/Kg	☼	10/08/24 09:30	10/09/24 20:56	1
2-Chlorophenol	ND		110	30	ug/Kg	☼	10/08/24 09:30	10/09/24 20:56	1
2-Methylnaphthalene	ND		45	15	ug/Kg	☼	10/08/24 09:30	10/09/24 20:56	1
2-Methylphenol	ND		230	47	ug/Kg	☼	10/08/24 09:30	10/09/24 20:56	1
2-Nitroaniline	ND		230	43	ug/Kg	☼	10/08/24 09:30	10/09/24 20:56	1
2-Nitrophenol	ND		110	40	ug/Kg	☼	10/08/24 09:30	10/09/24 20:56	1
3,3'-Dichlorobenzidine	ND		170	110	ug/Kg	☼	10/08/24 09:30	10/09/24 20:56	1
3-Nitroaniline	ND		230	40	ug/Kg	☼	10/08/24 09:30	10/09/24 20:56	1
4,6-Dinitro-2-methylphenol	ND		380	120	ug/Kg	☼	10/08/24 09:30	10/09/24 20:56	1
4-Bromophenyl phenyl ether	ND		110	36	ug/Kg	☼	10/08/24 09:30	10/09/24 20:56	1
4-Chloro-3-methylphenol	ND		170	43	ug/Kg	☼	10/08/24 09:30	10/09/24 20:56	1
4-Chloroaniline	ND		170	18	ug/Kg	☼	10/08/24 09:30	10/09/24 20:56	1
4-Chlorophenyl phenyl ether	ND		110	32	ug/Kg	☼	10/08/24 09:30	10/09/24 20:56	1
4-Nitroaniline	ND		230	30	ug/Kg	☼	10/08/24 09:30	10/09/24 20:56	1
4-Nitrophenol	ND		380	100	ug/Kg	☼	10/08/24 09:30	10/09/24 20:56	1
Acenaphthene	ND		45	16	ug/Kg	☼	10/08/24 09:30	10/09/24 20:56	1
Acenaphthylene	ND		45	17	ug/Kg	☼	10/08/24 09:30	10/09/24 20:56	1
Acetophenone	ND		110	28	ug/Kg	☼	10/08/24 09:30	10/09/24 20:56	1
Anthracene	ND		45	14	ug/Kg	☼	10/08/24 09:30	10/09/24 20:56	1
Atrazine	ND		380	78	ug/Kg	☼	10/08/24 09:30	10/09/24 20:56	1
Benzaldehyde	ND		380	64	ug/Kg	☼	10/08/24 09:30	10/09/24 20:56	1
Benzo[a]anthracene	ND		45	17	ug/Kg	☼	10/08/24 09:30	10/09/24 20:56	1
Benzo[a]pyrene	ND		45	16	ug/Kg	☼	10/08/24 09:30	10/09/24 20:56	1
Benzo[b]fluoranthene	ND		45	14	ug/Kg	☼	10/08/24 09:30	10/09/24 20:56	1
Benzo[g,h,i]perylene	ND		45	31	ug/Kg	☼	10/08/24 09:30	10/09/24 20:56	1
Benzo[k]fluoranthene	ND		45	11	ug/Kg	☼	10/08/24 09:30	10/09/24 20:56	1
Bis(2-chloroethoxy)methane	ND		110	23	ug/Kg	☼	10/08/24 09:30	10/09/24 20:56	1
Bis(2-chloroethyl)ether	ND		110	25	ug/Kg	☼	10/08/24 09:30	10/09/24 20:56	1
Bis(2-ethylhexyl) phthalate	ND		170	64	ug/Kg	☼	10/08/24 09:30	10/09/24 20:56	1
Butyl benzyl phthalate	ND		170	58	ug/Kg	☼	10/08/24 09:30	10/09/24 20:56	1
Caprolactam	ND		380	78	ug/Kg	☼	10/08/24 09:30	10/09/24 20:56	1
Carbazole	ND		110	31	ug/Kg	☼	10/08/24 09:30	10/09/24 20:56	1
Chrysene	ND		45	16	ug/Kg	☼	10/08/24 09:30	10/09/24 20:56	1
Dibenz(a,h)anthracene	ND		45	17	ug/Kg	☼	10/08/24 09:30	10/09/24 20:56	1

Client Sample ID: DUP7-20241005

Date Collected: 10/05/24 00:00
Date Received: 10/07/24 13:00

Lab Sample ID: 240-212566-32

Matrix: Solid
Percent Solids: 87.1

Method: SW846 8270E - Semivolatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Dibenzofuran	ND		110	33	ug/Kg	☼	10/08/24 09:30	10/09/24 20:56	1
Diethyl phthalate	ND		170	49	ug/Kg	☼	10/08/24 09:30	10/09/24 20:56	1
Dimethyl phthalate	ND		170	45	ug/Kg	☼	10/08/24 09:30	10/09/24 20:56	1
Di-n-butyl phthalate	ND		170	58	ug/Kg	☼	10/08/24 09:30	10/09/24 20:56	1
Di-n-octyl phthalate	ND		170	57	ug/Kg	☼	10/08/24 09:30	10/09/24 20:56	1
Fluoranthene	ND		45	16	ug/Kg	☼	10/08/24 09:30	10/09/24 20:56	1
Fluorene	ND		45	16	ug/Kg	☼	10/08/24 09:30	10/09/24 20:56	1
Hexachlorobenzene	ND		45	16	ug/Kg	☼	10/08/24 09:30	10/09/24 20:56	1
Hexachlorobutadiene	ND		110	24	ug/Kg	☼	10/08/24 09:30	10/09/24 20:56	1
Hexachlorocyclopentadiene	ND		380	44	ug/Kg	☼	10/08/24 09:30	10/09/24 20:56	1
Hexachloroethane	ND		110	36	ug/Kg	☼	10/08/24 09:30	10/09/24 20:56	1
Indeno[1,2,3-cd]pyrene	ND		45	14	ug/Kg	☼	10/08/24 09:30	10/09/24 20:56	1
Isophorone	ND		110	30	ug/Kg	☼	10/08/24 09:30	10/09/24 20:56	1
N-Nitrosodi-n-propylamine	ND		110	42	ug/Kg	☼	10/08/24 09:30	10/09/24 20:56	1
N-Nitrosodiphenylamine	ND		110	31	ug/Kg	☼	10/08/24 09:30	10/09/24 20:56	1
Naphthalene	ND		45	15	ug/Kg	☼	10/08/24 09:30	10/09/24 20:56	1
Nitrobenzene	ND		110	25	ug/Kg	☼	10/08/24 09:30	10/09/24 20:56	1
Pentachlorophenol	ND		310	120	ug/Kg	☼	10/08/24 09:30	10/09/24 20:56	1
Phenanthrene	ND		45	15	ug/Kg	☼	10/08/24 09:30	10/09/24 20:56	1
Phenol	ND		110	43	ug/Kg	☼	10/08/24 09:30	10/09/24 20:56	1
Pyrene	ND		45	18	ug/Kg	☼	10/08/24 09:30	10/09/24 20:56	1
3 & 4 Methylphenol	ND		450	47	ug/Kg	☼	10/08/24 09:30	10/09/24 20:56	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Terphenyl-d14 (Surr)	*82*		*37 - 120*	*10/08/24 09:30*	*10/09/24 20:56*	*1*
Phenol-d5 (Surr)	*78*		*29 - 120*	*10/08/24 09:30*	*10/09/24 20:56*	*1*
Nitrobenzene-d5 (Surr)	*75*		*28 - 120*	*10/08/24 09:30*	*10/09/24 20:56*	*1*
2-Fluorophenol (Surr)	*79*		*26 - 120*	*10/08/24 09:30*	*10/09/24 20:56*	*1*
2-Fluorobiphenyl (Surr)	*78*		*36 - 120*	*10/08/24 09:30*	*10/09/24 20:56*	*1*
2,4,6-Tribromophenol (Surr)	*32*		*10 - 120*	*10/08/24 09:30*	*10/09/24 20:56*	*1*

Method: SW846 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aroclor-1016	ND		55	28	ug/Kg	☼	10/08/24 10:23	10/09/24 01:32	1
Aroclor-1221	ND		55	33	ug/Kg	☼	10/08/24 10:23	10/09/24 01:32	1
Aroclor-1232	ND		55	23	ug/Kg	☼	10/08/24 10:23	10/09/24 01:32	1
Aroclor-1242	ND		55	21	ug/Kg	☼	10/08/24 10:23	10/09/24 01:32	1
Aroclor-1248	ND		55	19	ug/Kg	☼	10/08/24 10:23	10/09/24 01:32	1
Aroclor-1254	ND		55	23	ug/Kg	☼	10/08/24 10:23	10/09/24 01:32	1
Aroclor-1260	ND		55	23	ug/Kg	☼	10/08/24 10:23	10/09/24 01:32	1
Aroclor-1262	ND		55	24	ug/Kg	☼	10/08/24 10:23	10/09/24 01:32	1
Aroclor-1268	ND		55	18	ug/Kg	☼	10/08/24 10:23	10/09/24 01:32	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Tetrachloro-m-xylene	*74*		*10 - 149*	*10/08/24 10:23*	*10/09/24 01:32*	*1*
DCB Decachlorobiphenyl	*69*		*10 - 174*	*10/08/24 10:23*	*10/09/24 01:32*	*1*

Method: SW846 6010D - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	**15**		1.3	0.27	mg/Kg	☼	10/08/24 13:00	10/09/24 15:29	1

Client Sample ID: DUP7-20241005
Date Collected: 10/05/24 00:00
Date Received: 10/07/24 13:00

Lab Sample ID: 240-212566-32
Matrix: Solid
Percent Solids: 87.1

Method: SW846 6010D - Metals (ICP) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Barium	31		17	0.11	mg/Kg	☼	10/08/24 13:00	10/09/24 15:29	1
Cadmium	0.073	J	0.43	0.042	mg/Kg	☼	10/08/24 13:00	10/09/24 15:29	1
Chromium	12		0.87	0.30	mg/Kg	☼	10/08/24 13:00	10/09/24 15:29	1
Copper	17		2.2	0.61	mg/Kg	☼	10/08/24 13:00	10/09/24 15:29	1
Lead	11		0.87	0.25	mg/Kg	☼	10/08/24 13:00	10/09/24 15:29	1
Selenium	ND		1.7	0.41	mg/Kg	☼	10/08/24 13:00	10/09/24 15:29	1
Silver	ND		0.87	0.070	mg/Kg	☼	10/08/24 13:00	10/09/24 15:29	1
Zinc	75		4.3	3.2	mg/Kg	☼	10/08/24 13:00	10/09/24 15:29	1

Method: SW846 7471B - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.031	J	0.11	0.020	mg/Kg	☼	10/08/24 13:00	10/09/24 10:56	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cyanide, Total (SW846 9012B)	ND		16	13	mg/Kg	☼	10/10/24 11:02	10/10/24 16:32	25

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Solids (EPA Moisture)	87.1		0.1	0.1	%			10/08/24 13:48	1
Percent Moisture (EPA Moisture)	12.9		0.1	0.1	%			10/08/24 13:48	1

Client: August Mack Environmental, Inc.
Project/Site: MSC Canfield - Soil

Job ID: 240-212566-1

Client Sample ID: DUP4-20241004
Date Collected: 10/04/24 00:00
Date Received: 10/07/24 13:00

Lab Sample ID: 240-212566-33
Matrix: Solid
Percent Solids: 76.1

Method: SW846 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		6.2	2.2	ug/Kg	☼	10/08/24 11:15	10/08/24 18:39	1
1,1,2,2-Tetrachloroethane	ND		6.2	1.8	ug/Kg	☼	10/08/24 11:15	10/08/24 18:39	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		6.2	1.6	ug/Kg	☼	10/08/24 11:15	10/08/24 18:39	1
1,1,2-Trichloroethane	ND		6.2	1.4	ug/Kg	☼	10/08/24 11:15	10/08/24 18:39	1
1,1-Dichloroethane	ND		6.2	1.8	ug/Kg	☼	10/08/24 11:15	10/08/24 18:39	1
1,1-Dichloroethene	ND		6.2	2.3	ug/Kg	☼	10/08/24 11:15	10/08/24 18:39	1
1,2,4-Trichlorobenzene	ND		6.2	3.1	ug/Kg	☼	10/08/24 11:15	10/08/24 18:39	1
1,2-Dibromo-3-Chloropropane	ND		12	4.5	ug/Kg	☼	10/08/24 11:15	10/08/24 18:39	1
Ethylene Dibromide	ND		6.2	0.95	ug/Kg	☼	10/08/24 11:15	10/08/24 18:39	1
1,2-Dichlorobenzene	ND		6.2	1.4	ug/Kg	☼	10/08/24 11:15	10/08/24 18:39	1
1,2-Dichloroethane	ND		6.2	2.2	ug/Kg	☼	10/08/24 11:15	10/08/24 18:39	1
1,2-Dichloropropane	ND		6.2	1.1	ug/Kg	☼	10/08/24 11:15	10/08/24 18:39	1
1,3-Dichlorobenzene	ND		6.2	2.0	ug/Kg	☼	10/08/24 11:15	10/08/24 18:39	1
1,4-Dichlorobenzene	ND		6.2	1.1	ug/Kg	☼	10/08/24 11:15	10/08/24 18:39	1
2-Butanone (MEK)	**12**	**J**	25	4.4	ug/Kg	☼	10/08/24 11:15	10/08/24 18:39	1
2-Hexanone	ND		25	5.1	ug/Kg	☼	10/08/24 11:15	10/08/24 18:39	1
4-Methyl-2-pentanone (MIBK)	ND		25	4.6	ug/Kg	☼	10/08/24 11:15	10/08/24 18:39	1
Acetone	**52**		31	26	ug/Kg	☼	10/08/24 11:15	10/08/24 18:39	1
Benzene	ND		6.2	0.86	ug/Kg	☼	10/08/24 11:15	10/08/24 18:39	1
Dichlorobromomethane	ND		6.2	1.9	ug/Kg	☼	10/08/24 11:15	10/08/24 18:39	1
Bromoform	ND		6.2	3.0	ug/Kg	☼	10/08/24 11:15	10/08/24 18:39	1
Bromomethane	ND		6.2	5.1	ug/Kg	☼	10/08/24 11:15	10/08/24 18:39	1
Carbon disulfide	ND		6.2	1.4	ug/Kg	☼	10/08/24 11:15	10/08/24 18:39	1
Carbon tetrachloride	ND		6.2	4.0	ug/Kg	☼	10/08/24 11:15	10/08/24 18:39	1
Chlorobenzene	ND		6.2	1.1	ug/Kg	☼	10/08/24 11:15	10/08/24 18:39	1
Chloroethane	ND		6.2	3.4	ug/Kg	☼	10/08/24 11:15	10/08/24 18:39	1
Chloroform	ND		6.2	0.98	ug/Kg	☼	10/08/24 11:15	10/08/24 18:39	1
Chloromethane	ND		6.2	2.8	ug/Kg	☼	10/08/24 11:15	10/08/24 18:39	1
cis-1,2-Dichloroethene	ND		6.2	1.8	ug/Kg	☼	10/08/24 11:15	10/08/24 18:39	1
cis-1,3-Dichloropropene	ND		6.2	3.6	ug/Kg	☼	10/08/24 11:15	10/08/24 18:39	1
Cyclohexane	ND		12	1.7	ug/Kg	☼	10/08/24 11:15	10/08/24 18:39	1
Chlorodibromomethane	ND		6.2	3.4	ug/Kg	☼	10/08/24 11:15	10/08/24 18:39	1
Dichlorodifluoromethane	ND		6.2	2.8	ug/Kg	☼	10/08/24 11:15	10/08/24 18:39	1
Ethylbenzene	ND		6.2	1.3	ug/Kg	☼	10/08/24 11:15	10/08/24 18:39	1
Isopropylbenzene	ND		6.2	2.4	ug/Kg	☼	10/08/24 11:15	10/08/24 18:39	1
Methyl acetate	ND		31	4.2	ug/Kg	☼	10/08/24 11:15	10/08/24 18:39	1
Methyl tert-butyl ether	ND		6.2	2.4	ug/Kg	☼	10/08/24 11:15	10/08/24 18:39	1
Methylcyclohexane	ND		12	1.5	ug/Kg	☼	10/08/24 11:15	10/08/24 18:39	1
Methylene Chloride	ND		31	15	ug/Kg	☼	10/08/24 11:15	10/08/24 18:39	1
Styrene	ND		6.2	1.4	ug/Kg	☼	10/08/24 11:15	10/08/24 18:39	1
Tetrachloroethene	ND		6.2	4.8	ug/Kg	☼	10/08/24 11:15	10/08/24 18:39	1
Toluene	ND		6.2	0.96	ug/Kg	☼	10/08/24 11:15	10/08/24 18:39	1
trans-1,2-Dichloroethene	ND		6.2	1.8	ug/Kg	☼	10/08/24 11:15	10/08/24 18:39	1
trans-1,3-Dichloropropene	ND		6.2	4.6	ug/Kg	☼	10/08/24 11:15	10/08/24 18:39	1
Trichloroethene	ND		6.2	1.8	ug/Kg	☼	10/08/24 11:15	10/08/24 18:39	1
Trichlorofluoromethane	ND		6.2	3.3	ug/Kg	☼	10/08/24 11:15	10/08/24 18:39	1
Vinyl chloride	ND		6.2	2.2	ug/Kg	☼	10/08/24 11:15	10/08/24 18:39	1
Xylenes, Total	ND		12	2.0	ug/Kg	☼	10/08/24 11:15	10/08/24 18:39	1

Client Sample ID: DUP4-20241004

Date Collected: 10/04/24 00:00
Date Received: 10/07/24 13:00

Lab Sample ID: 240-212566-33

Matrix: Solid
Percent Solids: 76.1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
Toluene-d8 (Surr)	99		56 - 125	10/08/24 11:15	10/08/24 18:39	1
Dibromofluoromethane (Surr)	92		41 - 138	10/08/24 11:15	10/08/24 18:39	1
4-Bromofluorobenzene (Surr)	98		41 - 143	10/08/24 11:15	10/08/24 18:39	1
1,2-Dichloroethane-d4 (Surr)	100		58 - 125	10/08/24 11:15	10/08/24 18:39	1

Method: SW846 8270E - Semivolatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1'-Biphenyl	ND		130	36	ug/Kg	☼	10/08/24 09:30	10/11/24 13:03	1
bis (2-chloroisopropyl) ether	ND		130	33	ug/Kg	☼	10/08/24 09:30	10/11/24 13:03	1
2,4,5-Trichlorophenol	ND		190	42	ug/Kg	☼	10/08/24 09:30	10/11/24 13:03	1
2,4,6-Trichlorophenol	ND		190	37	ug/Kg	☼	10/08/24 09:30	10/11/24 13:03	1
2,4-Dichlorophenol	ND		190	35	ug/Kg	☼	10/08/24 09:30	10/11/24 13:03	1
2,4-Dimethylphenol	ND		190	46	ug/Kg	☼	10/08/24 09:30	10/11/24 13:03	1
2,4-Dinitrophenol	ND		420	220	ug/Kg	☼	10/08/24 09:30	10/11/24 13:03	1
2,4-Dinitrotoluene	ND		260	29	ug/Kg	☼	10/08/24 09:30	10/11/24 13:03	1
2,6-Dinitrotoluene	ND		260	46	ug/Kg	☼	10/08/24 09:30	10/11/24 13:03	1
2-Chloronaphthalene	ND		130	36	ug/Kg	☼	10/08/24 09:30	10/11/24 13:03	1
2-Chlorophenol	ND		130	33	ug/Kg	☼	10/08/24 09:30	10/11/24 13:03	1
2-Methylnaphthalene	ND		51	17	ug/Kg	☼	10/08/24 09:30	10/11/24 13:03	1
2-Methylphenol	ND		260	53	ug/Kg	☼	10/08/24 09:30	10/11/24 13:03	1
2-Nitroaniline	ND		260	49	ug/Kg	☼	10/08/24 09:30	10/11/24 13:03	1
2-Nitrophenol	ND		130	45	ug/Kg	☼	10/08/24 09:30	10/11/24 13:03	1
3,3'-Dichlorobenzidine	ND		190	120	ug/Kg	☼	10/08/24 09:30	10/11/24 13:03	1
3-Nitroaniline	ND		260	45	ug/Kg	☼	10/08/24 09:30	10/11/24 13:03	1
4,6-Dinitro-2-methylphenol	ND		420	130	ug/Kg	☼	10/08/24 09:30	10/11/24 13:03	1
4-Bromophenyl phenyl ether	ND		130	41	ug/Kg	☼	10/08/24 09:30	10/11/24 13:03	1
4-Chloro-3-methylphenol	ND		190	49	ug/Kg	☼	10/08/24 09:30	10/11/24 13:03	1
4-Chloroaniline	ND		190	21	ug/Kg	☼	10/08/24 09:30	10/11/24 13:03	1
4-Chlorophenyl phenyl ether	ND		130	36	ug/Kg	☼	10/08/24 09:30	10/11/24 13:03	1
4-Nitroaniline	ND		260	33	ug/Kg	☼	10/08/24 09:30	10/11/24 13:03	1
4-Nitrophenol	ND		420	120	ug/Kg	☼	10/08/24 09:30	10/11/24 13:03	1
Acenaphthene	**29**	**J**	51	18	ug/Kg	☼	10/08/24 09:30	10/11/24 13:03	1
Acenaphthylene	ND		51	19	ug/Kg	☼	10/08/24 09:30	10/11/24 13:03	1
Acetophenone	ND		130	32	ug/Kg	☼	10/08/24 09:30	10/11/24 13:03	1
Anthracene	**76**		51	15	ug/Kg	☼	10/08/24 09:30	10/11/24 13:03	1
Atrazine	ND		420	88	ug/Kg	☼	10/08/24 09:30	10/11/24 13:03	1
Benzaldehyde	ND		420	72	ug/Kg	☼	10/08/24 09:30	10/11/24 13:03	1
Benzo[a]anthracene	**150**		51	19	ug/Kg	☼	10/08/24 09:30	10/11/24 13:03	1
Benzo[a]pyrene	**130**		51	18	ug/Kg	☼	10/08/24 09:30	10/11/24 13:03	1
Benzo[b]fluoranthene	**210**		51	15	ug/Kg	☼	10/08/24 09:30	10/11/24 13:03	1
Benzo[g,h,i]perylene	**120**		51	35	ug/Kg	☼	10/08/24 09:30	10/11/24 13:03	1
Benzo[k]fluoranthene	**69**		51	13	ug/Kg	☼	10/08/24 09:30	10/11/24 13:03	1
Bis(2-chloroethoxy)methane	ND		130	26	ug/Kg	☼	10/08/24 09:30	10/11/24 13:03	1
Bis(2-chloroethyl)ether	ND		130	28	ug/Kg	☼	10/08/24 09:30	10/11/24 13:03	1
Bis(2-ethylhexyl) phthalate	ND		190	72	ug/Kg	☼	10/08/24 09:30	10/11/24 13:03	1
Butyl benzyl phthalate	ND		190	65	ug/Kg	☼	10/08/24 09:30	10/11/24 13:03	1
Caprolactam	ND		420	88	ug/Kg	☼	10/08/24 09:30	10/11/24 13:03	1
Carbazole	**44**	**J**	130	35	ug/Kg	☼	10/08/24 09:30	10/11/24 13:03	1
Chrysene	**160**		51	18	ug/Kg	☼	10/08/24 09:30	10/11/24 13:03	1
Dibenz(a,h)anthracene	ND		51	19	ug/Kg	☼	10/08/24 09:30	10/11/24 13:03	1

Client Sample ID: DUP4-20241004

Date Collected: 10/04/24 00:00
Date Received: 10/07/24 13:00

Lab Sample ID: 240-212566-33

Matrix: Solid
Percent Solids: 76.1

Method: SW846 8270E - Semivolatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Dibenzofuran	ND		130	37	ug/Kg	☼	10/08/24 09:30	10/11/24 13:03	1
Diethyl phthalate	ND		190	55	ug/Kg	☼	10/08/24 09:30	10/11/24 13:03	1
Dimethyl phthalate	ND		190	51	ug/Kg	☼	10/08/24 09:30	10/11/24 13:03	1
Di-n-butyl phthalate	ND		190	65	ug/Kg	☼	10/08/24 09:30	10/11/24 13:03	1
Di-n-octyl phthalate	ND		190	64	ug/Kg	☼	10/08/24 09:30	10/11/24 13:03	1
Fluoranthene	**400**		51	18	ug/Kg	☼	10/08/24 09:30	10/11/24 13:03	1
Fluorene	**34**	**J**	51	18	ug/Kg	☼	10/08/24 09:30	10/11/24 13:03	1
Hexachlorobenzene	ND		51	18	ug/Kg	☼	10/08/24 09:30	10/11/24 13:03	1
Hexachlorobutadiene	ND		130	27	ug/Kg	☼	10/08/24 09:30	10/11/24 13:03	1
Hexachlorocyclopentadiene	ND		420	50	ug/Kg	☼	10/08/24 09:30	10/11/24 13:03	1
Hexachloroethane	ND		130	41	ug/Kg	☼	10/08/24 09:30	10/11/24 13:03	1
Indeno[1,2,3-cd]pyrene	**98**		51	15	ug/Kg	☼	10/08/24 09:30	10/11/24 13:03	1
Isophorone	ND		130	33	ug/Kg	☼	10/08/24 09:30	10/11/24 13:03	1
N-Nitrosodi-n-propylamine	ND		130	47	ug/Kg	☼	10/08/24 09:30	10/11/24 13:03	1
N-Nitrosodiphenylamine	ND		130	35	ug/Kg	☼	10/08/24 09:30	10/11/24 13:03	1
Naphthalene	ND		51	17	ug/Kg	☼	10/08/24 09:30	10/11/24 13:03	1
Nitrobenzene	ND		130	28	ug/Kg	☼	10/08/24 09:30	10/11/24 13:03	1
Pentachlorophenol	ND		350	130	ug/Kg	☼	10/08/24 09:30	10/11/24 13:03	1
Phenanthrene	**260**		51	17	ug/Kg	☼	10/08/24 09:30	10/11/24 13:03	1
Phenol	ND		130	49	ug/Kg	☼	10/08/24 09:30	10/11/24 13:03	1
Pyrene	**290**		51	21	ug/Kg	☼	10/08/24 09:30	10/11/24 13:03	1
3 & 4 Methylphenol	ND		510	53	ug/Kg	☼	10/08/24 09:30	10/11/24 13:03	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Terphenyl-d14 (Surr)	*65*		*37 - 120*	*10/08/24 09:30*	*10/11/24 13:03*	*1*
Phenol-d5 (Surr)	*77*		*29 - 120*	*10/08/24 09:30*	*10/11/24 13:03*	*1*
Nitrobenzene-d5 (Surr)	*39*		*28 - 120*	*10/08/24 09:30*	*10/11/24 13:03*	*1*
2-Fluorophenol (Surr)	*71*		*26 - 120*	*10/08/24 09:30*	*10/11/24 13:03*	*1*
2-Fluorobiphenyl (Surr)	*72*		*36 - 120*	*10/08/24 09:30*	*10/11/24 13:03*	*1*
2,4,6-Tribromophenol (Surr)	*73*		*10 - 120*	*10/08/24 09:30*	*10/11/24 13:03*	*1*

Method: SW846 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aroclor-1016	ND		65	33	ug/Kg	☼	10/10/24 09:29	10/10/24 16:55	1
Aroclor-1221	ND		65	39	ug/Kg	☼	10/10/24 09:29	10/10/24 16:55	1
Aroclor-1232	ND		65	27	ug/Kg	☼	10/10/24 09:29	10/10/24 16:55	1
Aroclor-1242	ND		65	25	ug/Kg	☼	10/10/24 09:29	10/10/24 16:55	1
Aroclor-1248	**48**	**J**	65	22	ug/Kg	☼	10/10/24 09:29	10/10/24 16:55	1
Aroclor-1254	ND		65	27	ug/Kg	☼	10/10/24 09:29	10/10/24 16:55	1
Aroclor-1260	ND		65	27	ug/Kg	☼	10/10/24 09:29	10/10/24 16:55	1
Aroclor-1262	ND		65	29	ug/Kg	☼	10/10/24 09:29	10/10/24 16:55	1
Aroclor-1268	ND		65	21	ug/Kg	☼	10/10/24 09:29	10/10/24 16:55	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Tetrachloro-m-xylene	*65*		*10 - 149*	*10/10/24 09:29*	*10/10/24 16:55*	*1*
DCB Decachlorobiphenyl	*80*		*10 - 174*	*10/10/24 09:29*	*10/10/24 16:55*	*1*

Method: SW846 6010D - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	**16**		1.4	0.31	mg/Kg	☼	10/08/24 13:00	10/09/24 15:34	1

Client: August Mack Environmental, Inc.
Project/Site: MSC Canfield - Soil

Job ID: 240-212566-1

Client Sample ID: DUP4-20241004

Date Collected: 10/04/24 00:00
Date Received: 10/07/24 13:00

Lab Sample ID: 240-212566-33

Matrix: Solid
Percent Solids: 76.1

Method: SW846 6010D - Metals (ICP) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Barium	72		19	0.12	mg/Kg	☼	10/08/24 13:00	10/09/24 15:34	1
Cadmium	0.083	J	0.48	0.046	mg/Kg	☼	10/08/24 13:00	10/09/24 15:34	1
Chromium	19		0.97	0.33	mg/Kg	☼	10/08/24 13:00	10/09/24 15:34	1
Copper	20		2.4	0.68	mg/Kg	☼	10/08/24 13:00	10/09/24 15:34	1
Lead	17		0.97	0.27	mg/Kg	☼	10/08/24 13:00	10/09/24 15:34	1
Selenium	ND		1.9	0.45	mg/Kg	☼	10/08/24 13:00	10/09/24 15:34	1
Silver	ND		0.97	0.078	mg/Kg	☼	10/08/24 13:00	10/09/24 15:34	1
Zinc	170		4.8	3.5	mg/Kg	☼	10/08/24 13:00	10/09/24 15:34	1

Method: SW846 7471B - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.070	J	0.12	0.022	mg/Kg	☼	10/08/24 13:00	10/09/24 10:58	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cyanide, Total (SW846 9012B)	45		37	30	mg/Kg	☼	10/09/24 13:22	10/09/24 16:34	50

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Solids (EPA Moisture)	76.1		0.1	0.1	%			10/08/24 13:48	1
Percent Moisture (EPA Moisture)	23.9		0.1	0.1	%			10/08/24 13:48	1

Surrogate Summary

Client: August Mack Environmental, Inc.
Project/Site: MSC Canfield - Soil

Job ID: 240-212566-1

Method: 8260D - Volatile Organic Compounds by GC/MS

Matrix: Solid

Prep Type: Total/NA

		Percent Surrogate Recovery (Acceptance Limits)			
		TOL	DBFM	BFB	DCA
Lab Sample ID	Client Sample ID	(56-125)	(41-138)	(41-143)	(58-125)
240-212566-1	DUP-6-20241005	102	98	100	106
240-212566-2	T750-W-2.0	101	99	101	104
240-212566-3	T875-E-2.0	106	97	108	104
240-212566-4	DUP-7-20241005	105	96	106	103
240-212566-5	T875-E-4.0	103	96	106	102
240-212566-6	T875-W-2.0	103	96	104	106
240-212566-7	T875-W-4.0	101	94	100	100
240-212566-8	T1000-C-2.0	108	93	116	101
240-212566-9	T1000-C-4.0	105	93	108	100
240-212566-10	T1000-W-2.0	101	93	100	102
240-212566-12	T500-W-2.0	102	93	107	101
240-212566-13	T500-W-4.0	101	91	100	102
240-212566-14	T625-E-2.0	102	92	103	105
240-212566-15	T625-E-4.0	102	93	102	102
240-212566-16	T625-C-2.0	102	92	100	103
240-212566-17	T625-C-4.0	101	91	100	102
240-212566-18	T625-W-2.0	101	92	101	99
240-212566-19	T750-E-2.0	102	94	103	107
240-212566-19 MS	T750-E-2.0	102	100	102	107
240-212566-19 MSD	T750-E-2.0	102	99	102	104
240-212566-20	T750-E-4.0	101	93	102	102
240-212566-22	DUP-5-20241005	101	92	99	103
240-212566-23	T1125-E-2.0	102	92	99	104
240-212566-23 MS	T1125-E-2.0	98	100	102	102
240-212566-23 MSD	T1125-E-2.0	97	101	101	101
240-212566-24	T1125-E-4.0	93	86	92	91
240-212566-25	T1125-W-2.0	97	89	94	90
240-212566-25 MS	T1125-W-2.0	99	102	101	101
240-212566-25 MSD	T1125-W-2.0	94	94	94	94
240-212566-28	T375-W-2.0	99	93	100	104
240-212566-29	T375-W-4.0	99	91	99	100
240-212566-30	T375-E-2.0	93	88	90	93
240-212566-31	T375-E-4.0	95	89	97	98
240-212566-32	DUP7-20241005	90	84	94	98
240-212566-33	DUP4-20241004	99	92	98	100
LCS 240-629818/8	Lab Control Sample	102	108	101	107
LCS 240-629852/5	Lab Control Sample	100	102	104	103
MB 240-629818/9	Method Blank	101	102	99	105
MB 240-629852/7	Method Blank	92	85	92	95

Surrogate Legend

TOL = Toluene-d8 (Surr)
DBFM = Dibromofluoromethane (Surr)
BFB = 4-Bromofluorobenzene (Surr)
DCA = 1,2-Dichloroethane-d4 (Surr)

Surrogate Summary

Client: August Mack Environmental, Inc.
Project/Site: MSC Canfield - Soil

Job ID: 240-212566-1

Method: 8260D - Volatile Organic Compounds by GC/MS

Matrix: Water

Prep Type: Total/NA

		Percent Surrogate Recovery (Acceptance Limits)			
		TOL	DBFM	BFB	DCA
Lab Sample ID	Client Sample ID	(78-122)	(73-120)	(56-136)	(62-137)
240-212566-21	TB-4-20241006	106	100	102	111
240-212566-26	TB-5-20241006	106	99	99	112
240-212566-27	TB-6-20241006	108	99	103	114
LCS 240-629888/4	Lab Control Sample	116	98	114	112
MB 240-629888/7	Method Blank	103	103	108	126

Surrogate Legend

TOL = Toluene-d8 (Surr)
DBFM = Dibromofluoromethane (Surr)
BFB = 4-Bromofluorobenzene (Surr)
DCA = 1,2-Dichloroethane-d4 (Surr)

Method: 8270E - Semivolatile Organic Compounds (GC/MS)

Matrix: Solid

Prep Type: Total/NA

		Percent Surrogate Recovery (Acceptance Limits)					
		TPHL	PHL	NBZ	2FP	FBP	TBP
Lab Sample ID	Client Sample ID	(37-120)	(29-120)	(28-120)	(26-120)	(36-120)	(10-120)
240-212566-1	DUP-6-20241005	71	71	62	69	66	78
240-212566-2	T750-W-2.0	66	64	56	62	61	59
240-212566-3	T875-E-2.0	61	63	55	63	64	70
240-212566-4	DUP-7-20241005	76	75	70	72	72	82
240-212566-5	T875-E-4.0	71	75	63	71	75	86
240-212566-6	T875-W-2.0	67	67	59	69	63	59
240-212566-7	T875-W-4.0	64	61	54	60	59	61
240-212566-8	T1000-C-2.0	70	69	49	69	64	54
240-212566-9	T1000-C-4.0	66	67	49	65	66	74
240-212566-10	T1000-W-2.0	72	68	60	65	67	72
240-212566-12	T500-W-2.0	64	64	54	62	63	53
240-212566-13	T500-W-4.0	68	63	55	66	63	65
240-212566-14	T625-E-2.0	68	67	63	66	67	79
240-212566-15	T625-E-4.0	68	65	53	66	68	69
240-212566-16	T625-C-2.0	76	73	67	74	73	65
240-212566-17	T625-C-4.0	76	68	71	69	74	65
240-212566-18	T625-W-2.0	79	81	71	79	80	89
240-212566-19	T750-E-2.0	69	72	57	69	69	67
240-212566-19 MS	T750-E-2.0	107	111	95	107	110	111
240-212566-19 MSD	T750-E-2.0	98	102	80	99	97	99
240-212566-20	T750-E-4.0	73	71	44	68	74	79
240-212566-22	DUP-5-20241005	88	84	74	83	87	88
240-212566-23	T1125-E-2.0	75	74	61	76	79	78
240-212566-23 MS	T1125-E-2.0	91	92	65	81	77	87
240-212566-23 MSD	T1125-E-2.0	91	92	77	85	90	80
240-212566-24	T1125-E-4.0	87	83	59	80	83	77
240-212566-25	T1125-W-2.0	77	87	69	82	78	79
240-212566-25 MS	T1125-W-2.0	98	118	72	107	96	86
240-212566-25 MSD	T1125-W-2.0	86	98	81	90	90	70
240-212566-28	T375-W-2.0	74	77	58	76	81	83
240-212566-29	T375-W-4.0	70	74	34	73	75	85
240-212566-30	T375-E-2.0	71	87	36	78	81	79
240-212566-31	T375-E-4.0	66	78	37	73	74	74

Method: 8270E - Semivolatile Organic Compounds (GC/MS) (Continued)

Matrix: Solid **Prep Type: Total/NA**

		Percent Surrogate Recovery (Acceptance Limits)					
Lab Sample ID	Client Sample ID	TPHL (37-120)	PHL (29-120)	NBZ (28-120)	2FP (26-120)	FBP (36-120)	TBP (10-120)
240-212566-32	DUP7-20241005	82	78	75	79	78	32
240-212566-33	DUP4-20241004	65	77	39	71	72	73
LCS 240-629889/2-A	Lab Control Sample	63	67	63	66	65	72
LCS 240-629899/24-A	Lab Control Sample	69	71	69	70	69	77
MB 240-629889/1-A	Method Blank	67	71	64	70	66	68
MB 240-629899/23-A	Method Blank	77	81	73	79	77	76

Surrogate Legend

TPHL = Terphenyl-d14 (Surr)
PHL = Phenol-d5 (Surr)
NBZ = Nitrobenzene-d5 (Surr)
2FP = 2-Fluorophenol (Surr)
FBP = 2-Fluorobiphenyl (Surr)
TBP = 2,4,6-Tribromophenol (Surr)

Method: 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Matrix: Solid **Prep Type: Total/NA**

		Percent Surrogate Recovery (Acceptance Limits)	
Lab Sample ID	Client Sample ID	TCX2 (10-149)	DCBP2 (10-174)
240-212566-1	DUP-6-20241005	79	95
240-212566-2	T750-W-2.0	66	80
240-212566-3	T875-E-2.0	70	86
240-212566-4	DUP-7-20241005	68	84
240-212566-5	T875-E-4.0	74	89
240-212566-6	T875-W-2.0	81	99
240-212566-7	T875-W-4.0	74	89
240-212566-8	T1000-C-2.0	61	70
240-212566-9	T1000-C-4.0	79	102
240-212566-10	T1000-W-2.0	67	80
240-212566-12	T500-W-2.0	71	83
240-212566-13	T500-W-4.0	73	85
240-212566-14	T625-E-2.0	81	101
240-212566-15	T625-E-4.0	78	94
240-212566-16	T625-C-2.0	75	86
240-212566-17	T625-C-4.0	77	96
240-212566-18	T625-W-2.0	55	60
240-212566-19	T750-E-2.0	69	86
240-212566-19 MS	T750-E-2.0	70	87
240-212566-19 MSD	T750-E-2.0	69	88
240-212566-20	T750-E-4.0	78	97
240-212566-23	T1125-E-2.0	75	93
240-212566-28	T375-W-2.0	48	52
240-212566-29	T375-W-4.0	47	55
240-212566-30	T375-E-2.0	69	90
240-212566-31	T375-E-4.0	69	88
240-212566-33	DUP4-20241004	65	80
LCS 240-629893/2-A	Lab Control Sample	60	87
LCS 240-630203/2-A	Lab Control Sample	91	100
MB 240-629893/1-A	Method Blank	58	67

Surrogate Summary

Client: August Mack Environmental, Inc. Job ID: 240-212566-1
Project/Site: MSC Canfield - Soil

Method: 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography (Continued)

Matrix: Solid **Prep Type: Total/NA**

		Percent Surrogate Recovery (Acceptance Limits)	
Lab Sample ID	Client Sample ID	TCX2 (10-149)	DCBP2 (10-174)
MB 240-630203/1-A	Method Blank	92	100

Surrogate Legend

TCX = Tetrachloro-m-xylene

DCBP = DCB Decachlorobiphenyl

Method: 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Matrix: Solid **Prep Type: Total/NA**

		Percent Surrogate Recovery (Acceptance Limits)	
Lab Sample ID	Client Sample ID	TCX1 (10-149)	DCBP1 (10-174)
240-212566-22	DUP-5-20241005	77	92
240-212566-23 MS	T1125-E-2.0	79	69
240-212566-23 MSD	T1125-E-2.0	76	71
240-212566-24	T1125-E-4.0	74	66
240-212566-25	T1125-W-2.0	80	70
240-212566-25 MS	T1125-W-2.0	72	66
240-212566-25 MSD	T1125-W-2.0	81	75
240-212566-32	DUP7-20241005	74	69
LCS 240-629921/24-A	Lab Control Sample	81	71
MB 240-629921/23-A	Method Blank	79	68

Surrogate Legend

TCX = Tetrachloro-m-xylene

DCBP = DCB Decachlorobiphenyl

Method: 8260D - Volatile Organic Compounds by GC/MS

Lab Sample ID: MB 240-629818/9
Matrix: Solid
Analysis Batch: 629818

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		5.0	1.8	ug/Kg			10/07/24 20:59	1
1,1,2,2-Tetrachloroethane	ND		5.0	1.4	ug/Kg			10/07/24 20:59	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		5.0	1.3	ug/Kg			10/07/24 20:59	1
1,1,2-Trichloroethane	ND		5.0	1.1	ug/Kg			10/07/24 20:59	1
1,1-Dichloroethane	ND		5.0	1.4	ug/Kg			10/07/24 20:59	1
1,1-Dichloroethene	ND		5.0	1.8	ug/Kg			10/07/24 20:59	1
1,2,4-Trichlorobenzene	ND		5.0	2.5	ug/Kg			10/07/24 20:59	1
1,2-Dibromo-3-Chloropropane	ND		10	3.6	ug/Kg			10/07/24 20:59	1
Ethylene Dibromide	ND		5.0	0.77	ug/Kg			10/07/24 20:59	1
1,2-Dichlorobenzene	ND		5.0	1.1	ug/Kg			10/07/24 20:59	1
1,2-Dichloroethane	ND		5.0	1.8	ug/Kg			10/07/24 20:59	1
1,2-Dichloropropane	ND		5.0	0.85	ug/Kg			10/07/24 20:59	1
1,3-Dichlorobenzene	ND		5.0	1.6	ug/Kg			10/07/24 20:59	1
1,4-Dichlorobenzene	ND		5.0	0.88	ug/Kg			10/07/24 20:59	1
2-Butanone (MEK)	ND		20	3.6	ug/Kg			10/07/24 20:59	1
2-Hexanone	ND		20	4.1	ug/Kg			10/07/24 20:59	1
4-Methyl-2-pentanone (MIBK)	ND		20	3.7	ug/Kg			10/07/24 20:59	1
Acetone	ND		25	21	ug/Kg			10/07/24 20:59	1
Benzene	ND		5.0	0.70	ug/Kg			10/07/24 20:59	1
Dichlorobromomethane	ND		5.0	1.5	ug/Kg			10/07/24 20:59	1
Bromoform	ND		5.0	2.4	ug/Kg			10/07/24 20:59	1
Bromomethane	ND		5.0	4.2	ug/Kg			10/07/24 20:59	1
Carbon disulfide	ND		5.0	1.2	ug/Kg			10/07/24 20:59	1
Carbon tetrachloride	ND		5.0	3.3	ug/Kg			10/07/24 20:59	1
Chlorobenzene	ND		5.0	0.92	ug/Kg			10/07/24 20:59	1
Chloroethane	ND		5.0	2.7	ug/Kg			10/07/24 20:59	1
Chloroform	ND		5.0	0.79	ug/Kg			10/07/24 20:59	1
Chloromethane	ND		5.0	2.3	ug/Kg			10/07/24 20:59	1
cis-1,2-Dichloroethene	ND		5.0	1.5	ug/Kg			10/07/24 20:59	1
cis-1,3-Dichloropropene	ND		5.0	2.9	ug/Kg			10/07/24 20:59	1
Cyclohexane	ND		10	1.4	ug/Kg			10/07/24 20:59	1
Chlorodibromomethane	ND		5.0	2.8	ug/Kg			10/07/24 20:59	1
Dichlorodifluoromethane	ND		5.0	2.3	ug/Kg			10/07/24 20:59	1
Ethylbenzene	ND		5.0	1.0	ug/Kg			10/07/24 20:59	1
Isopropylbenzene	ND		5.0	1.9	ug/Kg			10/07/24 20:59	1
Methyl acetate	ND		25	3.4	ug/Kg			10/07/24 20:59	1
Methyl tert-butyl ether	ND		5.0	2.0	ug/Kg			10/07/24 20:59	1
Methylcyclohexane	ND		10	1.2	ug/Kg			10/07/24 20:59	1
Methylene Chloride	ND		25	12	ug/Kg			10/07/24 20:59	1
Styrene	ND		5.0	1.2	ug/Kg			10/07/24 20:59	1
Tetrachloroethene	ND		5.0	3.9	ug/Kg			10/07/24 20:59	1
Toluene	ND		5.0	0.77	ug/Kg			10/07/24 20:59	1
trans-1,2-Dichloroethene	ND		5.0	1.4	ug/Kg			10/07/24 20:59	1
trans-1,3-Dichloropropene	ND		5.0	3.7	ug/Kg			10/07/24 20:59	1
Trichloroethene	ND		5.0	1.4	ug/Kg			10/07/24 20:59	1
Trichlorofluoromethane	ND		5.0	2.7	ug/Kg			10/07/24 20:59	1
Vinyl chloride	ND		5.0	1.8	ug/Kg			10/07/24 20:59	1
Xylenes, Total	ND		10	1.6	ug/Kg			10/07/24 20:59	1

Method: 8260D - Volatile Organic Compounds by GC/MS (Continued)

Lab Sample ID: MB 240-629818/9
Matrix: Solid
Analysis Batch: 629818

Client Sample ID: Method Blank
Prep Type: Total/NA

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
Toluene-d8 (Surr)	*101*		*56 - 125*		*10/07/24 20:59*	*1*
Dibromofluoromethane (Surr)	*102*		*41 - 138*		*10/07/24 20:59*	*1*
4-Bromofluorobenzene (Surr)	*99*		*41 - 143*		*10/07/24 20:59*	*1*
1,2-Dichloroethane-d4 (Surr)	*105*		*58 - 125*		*10/07/24 20:59*	*1*

Lab Sample ID: LCS 240-629818/8
Matrix: Solid
Analysis Batch: 629818

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
1,1,1-Trichloroethane	50.0	42.8		ug/Kg		86	74 - 136
1,1,2,2-Tetrachloroethane	50.0	51.5		ug/Kg		103	66 - 129
1,1,2-Trichloro-1,2,2-trifluoroethane	50.0	46.9		ug/Kg		94	64 - 148
1,1,2-Trichloroethane	50.0	49.8		ug/Kg		100	79 - 120
1,1-Dichloroethane	50.0	43.4		ug/Kg		87	74 - 121
1,1-Dichloroethene	50.0	43.4		ug/Kg		87	68 - 141
1,2,4-Trichlorobenzene	50.0	49.4		ug/Kg		99	58 - 132
1,2-Dibromo-3-Chloropropane	50.0	53.6		ug/Kg		107	52 - 133
Ethylene Dibromide	50.0	51.6		ug/Kg		103	80 - 121
1,2-Dichlorobenzene	50.0	46.7		ug/Kg		93	73 - 120
1,2-Dichloroethane	50.0	44.2		ug/Kg		88	71 - 123
1,2-Dichloropropane	50.0	42.5		ug/Kg		85	76 - 126
1,3-Dichlorobenzene	50.0	46.1		ug/Kg		92	73 - 120
1,4-Dichlorobenzene	50.0	46.3		ug/Kg		93	74 - 120
2-Butanone (MEK)	100	118		ug/Kg		118	63 - 142
2-Hexanone	100	111		ug/Kg		111	65 - 142
4-Methyl-2-pentanone (MIBK)	100	107		ug/Kg		107	62 - 142
Acetone	100	123		ug/Kg		123	58 - 160
Benzene	50.0	45.9		ug/Kg		92	76 - 121
Dichlorobromomethane	50.0	44.5		ug/Kg		89	71 - 138
Bromoform	50.0	47.8		ug/Kg		96	57 - 140
Bromomethane	20.0	14.2		ug/Kg		71	10 - 171
Carbon disulfide	50.0	37.4		ug/Kg		75	43 - 152
Carbon tetrachloride	50.0	44.9		ug/Kg		90	64 - 144
Chlorobenzene	50.0	46.2		ug/Kg		92	80 - 120
Chloroethane	20.0	16.3		ug/Kg		81	11 - 164
Chloroform	50.0	43.6		ug/Kg		87	78 - 120
Chloromethane	20.0	13.3		ug/Kg		67	41 - 142
cis-1,2-Dichloroethene	50.0	46.3		ug/Kg		93	78 - 124
cis-1,3-Dichloropropene	50.0	45.1		ug/Kg		90	70 - 133
Cyclohexane	50.0	40.4		ug/Kg		81	65 - 137
Chlorodibromomethane	50.0	45.9		ug/Kg		92	68 - 131
Dichlorodifluoromethane	20.0	9.45		ug/Kg		47	21 - 150
Ethylbenzene	50.0	45.6		ug/Kg		91	80 - 120
Isopropylbenzene	50.0	48.6		ug/Kg		97	80 - 130
Methyl acetate	100	111		ug/Kg		111	60 - 133
Methyl tert-butyl ether	50.0	50.8		ug/Kg		102	70 - 130
Methylcyclohexane	50.0	46.7		ug/Kg		93	70 - 138

Method: 8260D - Volatile Organic Compounds by GC/MS (Continued)

Lab Sample ID: LCS 240-629818/8
Matrix: Solid
Analysis Batch: 629818

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Methylene Chloride	50.0	44.7		ug/Kg		89	71 - 124
Styrene	50.0	45.2		ug/Kg		90	75 - 140
Tetrachloroethene	50.0	46.4		ug/Kg		93	76 - 127
Toluene	50.0	42.8		ug/Kg		86	80 - 120
trans-1,2-Dichloroethene	50.0	45.1		ug/Kg		90	76 - 130
trans-1,3-Dichloropropene	50.0	47.7		ug/Kg		95	61 - 121
Trichloroethene	50.0	47.6		ug/Kg		95	74 - 130
Trichlorofluoromethane	20.0	17.1		ug/Kg		85	50 - 154
Vinyl chloride	20.0	17.3		ug/Kg		86	49 - 146
Xylenes, Total	100	89.6		ug/Kg		90	80 - 122
m-Xylene & p-Xylene	50.0	44.4		ug/Kg		89	80 - 122
o-Xylene	50.0	45.2		ug/Kg		90	80 - 124

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
Toluene-d8 (Surr)	*102*		*56 - 125*
Dibromofluoromethane (Surr)	*108*		*41 - 138*
4-Bromofluorobenzene (Surr)	*101*		*41 - 143*
1,2-Dichloroethane-d4 (Surr)	*107*		*58 - 125*

Lab Sample ID: 240-212566-19 MS
Matrix: Solid
Analysis Batch: 629818

Client Sample ID: T750-E-2.0
Prep Type: Total/NA
Prep Batch: 629840

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
1,1,1-Trichloroethane	ND		62.3	34.0		ug/Kg	☼	55	46 - 144
1,1,2,2-Tetrachloroethane	ND		62.3	19.5		ug/Kg	☼	31	26 - 159
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		62.3	45.1		ug/Kg	☼	72	35 - 164
1,1,2-Trichloroethane	ND		62.3	21.4		ug/Kg	☼	34	26 - 149
1,1-Dichloroethane	ND		62.3	29.7		ug/Kg	☼	48	46 - 135
1,1-Dichloroethene	ND		62.3	36.2		ug/Kg	☼	58	44 - 160
1,2,4-Trichlorobenzene	ND		62.3	6.52		ug/Kg	☼	10	10 - 120
1,2-Dibromo-3-Chloropropane	ND		62.3	13.6		ug/Kg	☼	22	12 - 144
Ethylene Dibromide	ND	F1	62.3	18.8	F1	ug/Kg	☼	30	31 - 142
1,2-Dichlorobenzene	ND		62.3	10.8		ug/Kg	☼	17	10 - 126
1,2-Dichloroethane	ND	F1	62.3	21.1	F1	ug/Kg	☼	34	40 - 132
1,2-Dichloropropane	ND	F1	62.3	22.2	F1	ug/Kg	☼	36	45 - 133
1,3-Dichlorobenzene	ND		62.3	10.9		ug/Kg	☼	18	10 - 131
1,4-Dichlorobenzene	ND		62.3	10.0		ug/Kg	☼	16	10 - 129
2-Butanone (MEK)	11	J	125	56.9		ug/Kg	☼	37	30 - 157
2-Hexanone	ND		125	39.2		ug/Kg	☼	31	20 - 166
4-Methyl-2-pentanone (MIBK)	ND		125	43.9		ug/Kg	☼	35	31 - 159
Acetone	43		125	86.6		ug/Kg	☼	35	35 - 167
Benzene	ND		62.3	28.5		ug/Kg	☼	46	39 - 134
Dichlorobromomethane	ND	F1	62.3	18.3	F1	ug/Kg	☼	29	32 - 146
Bromoform	ND		62.3	11.3		ug/Kg	☼	18	12 - 144
Bromomethane	ND		24.9	8.94		ug/Kg	☼	36	10 - 161
Carbon disulfide	ND		62.3	24.4		ug/Kg	☼	39	24 - 153
Carbon tetrachloride	ND		62.3	33.5		ug/Kg	☼	54	37 - 145

Method: 8260D - Volatile Organic Compounds by GC/MS (Continued)

Lab Sample ID: 240-212566-19 MS
Matrix: Solid
Analysis Batch: 629818

Client Sample ID: T750-E-2.0
Prep Type: Total/NA
Prep Batch: 629840

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Chlorobenzene	ND		62.3	18.1		ug/Kg	☼	29	18 - 134
Chloroethane	ND		24.9	13.6		ug/Kg	☼	55	14 - 159
Chloroform	ND		62.3	26.7		ug/Kg	☼	43	43 - 134
Chloromethane	ND		24.9	9.51		ug/Kg	☼	38	32 - 151
cis-1,2-Dichloroethene	ND	F1	62.3	26.9	F1	ug/Kg	☼	43	48 - 132
cis-1,3-Dichloropropene	ND		62.3	14.1		ug/Kg	☼	23	23 - 139
Cyclohexane	ND		62.3	32.1		ug/Kg	☼	52	31 - 147
Chlorodibromomethane	ND	F1	62.3	14.2	F1	ug/Kg	☼	23	25 - 143
Dichlorodifluoromethane	ND		24.9	10.2		ug/Kg	☼	41	16 - 157
Ethylbenzene	ND		62.3	20.6		ug/Kg	☼	33	17 - 137
Isopropylbenzene	ND		62.3	21.3		ug/Kg	☼	34	10 - 146
Methyl acetate	ND		125	53.3		ug/Kg	☼	43	13 - 164
Methyl tert-butyl ether	ND	F1	62.3	24.1	F1	ug/Kg	☼	39	55 - 134
Methylcyclohexane	ND		62.3	32.1		ug/Kg	☼	51	20 - 153
Methylene Chloride	ND	F1	62.3	21.0	J F1	ug/Kg	☼	34	38 - 145
Styrene	ND		62.3	11.2		ug/Kg	☼	18	10 - 149
Tetrachloroethene	ND		62.3	25.7		ug/Kg	☼	41	19 - 147
Toluene	ND		62.3	24.0		ug/Kg	☼	39	30 - 137
trans-1,2-Dichloroethene	ND		62.3	30.9		ug/Kg	☼	50	41 - 145
trans-1,3-Dichloropropene	ND		62.3	13.2		ug/Kg	☼	21	19 - 130
Trichloroethene	ND		62.3	27.0		ug/Kg	☼	43	21 - 158
Trichlorofluoromethane	ND		24.9	16.7		ug/Kg	☼	67	36 - 161
Vinyl chloride	ND		24.9	14.2		ug/Kg	☼	57	32 - 163
Xylenes, Total	ND		125	37.2		ug/Kg	☼	30	17 - 138
m-Xylene & p-Xylene	ND		62.3	18.7		ug/Kg	☼	30	10 - 141
o-Xylene	ND		62.3	18.5		ug/Kg	☼	30	18 - 139

Surrogate	*MS %Recovery*	*MS Qualifier*	*Limits*
Toluene-d8 (Surr)	*102*		*56 - 125*
Dibromofluoromethane (Surr)	*100*		*41 - 138*
4-Bromofluorobenzene (Surr)	*102*		*41 - 143*
1,2-Dichloroethane-d4 (Surr)	*107*		*58 - 125*

Lab Sample ID: 240-212566-19 MSD
Matrix: Solid
Analysis Batch: 629818

Client Sample ID: T750-E-2.0
Prep Type: Total/NA
Prep Batch: 629840

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
1,1,1-Trichloroethane	ND		63.2	42.9		ug/Kg	☼	68	46 - 144	23	37
1,1,2,2-Tetrachloroethane	ND	F2	63.2	34.6	F2	ug/Kg	☼	55	26 - 159	56	40
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		63.2	55.6		ug/Kg	☼	88	35 - 164	21	37
1,1,2-Trichloroethane	ND	F2	63.2	35.5	F2	ug/Kg	☼	56	26 - 149	49	40
1,1-Dichloroethane	ND		63.2	39.6		ug/Kg	☼	63	46 - 135	29	36
1,1-Dichloroethene	ND		63.2	46.0		ug/Kg	☼	73	44 - 160	24	37
1,2,4-Trichlorobenzene	ND	F2	63.2	11.9	F2	ug/Kg	☼	19	10 - 120	59	40
1,2-Dibromo-3-Chloropropane	ND	F2	63.2	27.1	F2	ug/Kg	☼	43	12 - 144	66	40
Ethylene Dibromide	ND	F2	63.2	32.0	F2	ug/Kg	☼	51	31 - 142	52	40
1,2-Dichlorobenzene	ND		63.2	16.1		ug/Kg	☼	25	10 - 126	39	40

Method: 8260D - Volatile Organic Compounds by GC/MS (Continued)

Lab Sample ID: 240-212566-19 MSD
Matrix: Solid
Analysis Batch: 629818

Client Sample ID: T750-E-2.0
Prep Type: Total/NA
Prep Batch: 629840

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
1,2-Dichloroethane	ND	F2	63.2	32.8	F2	ug/Kg	☼	52	40 - 132	44	35
1,2-Dichloropropane	ND		63.2	31.7		ug/Kg	☼	50	45 - 133	35	37
1,3-Dichlorobenzene	ND		63.2	14.3		ug/Kg	☼	23	10 - 131	27	40
1,4-Dichlorobenzene	ND		63.2	13.7		ug/Kg	☼	22	10 - 129	31	40
2-Butanone (MEK)	11	J F2	126	91.3	F2	ug/Kg	☼	63	30 - 157	46	40
2-Hexanone	ND	F2	126	73.3	F2	ug/Kg	☼	58	20 - 166	61	40
4-Methyl-2-pentanone (MIBK)	ND	F2	126	82.4	F2	ug/Kg	☼	65	31 - 159	61	40
Acetone	45		126	121		ug/Kg	☼	60	35 - 167	33	40
Benzene	ND		63.2	37.3		ug/Kg	☼	59	39 - 134	26	40
Dichlorobromomethane	ND	F2	63.2	27.8	F2	ug/Kg	☼	44	32 - 146	41	39
Bromoform	ND	F2	63.2	21.7	F2	ug/Kg	☼	34	12 - 144	63	40
Bromomethane	ND		25.3	12.8		ug/Kg	☼	50	10 - 161	35	40
Carbon disulfide	ND		63.2	29.8		ug/Kg	☼	47	24 - 153	20	40
Carbon tetrachloride	ND		63.2	40.9		ug/Kg	☼	65	37 - 145	20	38
Chlorobenzene	ND		63.2	22.4		ug/Kg	☼	35	18 - 134	21	40
Chloroethane	ND		25.3	17.7		ug/Kg	☼	70	14 - 159	26	40
Chloroform	ND		63.2	36.8		ug/Kg	☼	58	43 - 134	32	36
Chloromethane	ND		25.3	12.5		ug/Kg	☼	49	32 - 151	27	38
cis-1,2-Dichloroethene	ND		63.2	37.6		ug/Kg	☼	59	48 - 132	33	37
cis-1,3-Dichloropropene	ND	F2	63.2	21.6	F2	ug/Kg	☼	34	23 - 139	42	39
Cyclohexane	ND		63.2	38.8		ug/Kg	☼	61	31 - 147	19	39
Chlorodibromomethane	ND	F2	63.2	25.0	F2	ug/Kg	☼	40	25 - 143	55	40
Dichlorodifluoromethane	ND		25.3	12.6		ug/Kg	☼	50	16 - 157	21	40
Ethylbenzene	ND		63.2	21.5		ug/Kg	☼	34	17 - 137	5	40
Isopropylbenzene	ND		63.2	20.1		ug/Kg	☼	32	10 - 146	6	40
Methyl acetate	ND	F2	126	89.2	F2	ug/Kg	☼	71	13 - 164	50	40
Methyl tert-butyl ether	ND	F2	63.2	40.6	F2	ug/Kg	☼	64	55 - 134	51	37
Methylcyclohexane	ND		63.2	38.1		ug/Kg	☼	60	20 - 153	17	40
Methylene Chloride	ND	F2	63.2	34.6	F2	ug/Kg	☼	55	38 - 145	49	40
Styrene	ND		63.2	14.6		ug/Kg	☼	23	10 - 149	26	40
Tetrachloroethene	ND		63.2	27.3		ug/Kg	☼	43	19 - 147	6	40
Toluene	ND		63.2	29.4		ug/Kg	☼	47	30 - 137	20	40
trans-1,2-Dichloroethene	ND		63.2	39.1		ug/Kg	☼	62	41 - 145	24	37
trans-1,3-Dichloropropene	ND	F2	63.2	22.2	F2	ug/Kg	☼	35	19 - 130	51	40
Trichloroethene	ND		63.2	33.7		ug/Kg	☼	53	21 - 158	22	40
Trichlorofluoromethane	ND		25.3	20.7		ug/Kg	☼	82	36 - 161	21	40
Vinyl chloride	ND		25.3	18.0		ug/Kg	☼	71	32 - 163	24	38
Xylenes, Total	ND		126	40.3		ug/Kg	☼	32	17 - 138	8	40
m-Xylene & p-Xylene	ND		63.2	19.7		ug/Kg	☼	31	10 - 141	5	40
o-Xylene	ND		63.2	20.6		ug/Kg	☼	33	18 - 139	11	40

Surrogate	*MSD %Recovery*	*MSD Qualifier*	*Limits*
Toluene-d8 (Surr)	*102*		*56 - 125*
Dibromofluoromethane (Surr)	*99*		*41 - 138*
4-Bromofluorobenzene (Surr)	*102*		*41 - 143*
1,2-Dichloroethane-d4 (Surr)	*104*		*58 - 125*

Method: 8260D - Volatile Organic Compounds by GC/MS (Continued)

Lab Sample ID: MB 240-629852/7
Matrix: Solid
Analysis Batch: 629852

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		5.0	1.8	ug/Kg			10/08/24 10:39	1
1,1,2,2-Tetrachloroethane	ND		5.0	1.4	ug/Kg			10/08/24 10:39	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		5.0	1.3	ug/Kg			10/08/24 10:39	1
1,1,2-Trichloroethane	ND		5.0	1.1	ug/Kg			10/08/24 10:39	1
1,1-Dichloroethane	ND		5.0	1.4	ug/Kg			10/08/24 10:39	1
1,1-Dichloroethene	ND		5.0	1.8	ug/Kg			10/08/24 10:39	1
1,2,4-Trichlorobenzene	ND		5.0	2.5	ug/Kg			10/08/24 10:39	1
1,2-Dibromo-3-Chloropropane	ND		10	3.6	ug/Kg			10/08/24 10:39	1
Ethylene Dibromide	ND		5.0	0.77	ug/Kg			10/08/24 10:39	1
1,2-Dichlorobenzene	ND		5.0	1.1	ug/Kg			10/08/24 10:39	1
1,2-Dichloroethane	ND		5.0	1.8	ug/Kg			10/08/24 10:39	1
1,2-Dichloropropane	ND		5.0	0.85	ug/Kg			10/08/24 10:39	1
1,3-Dichlorobenzene	ND		5.0	1.6	ug/Kg			10/08/24 10:39	1
1,4-Dichlorobenzene	ND		5.0	0.88	ug/Kg			10/08/24 10:39	1
2-Butanone (MEK)	ND		20	3.6	ug/Kg			10/08/24 10:39	1
2-Hexanone	ND		20	4.1	ug/Kg			10/08/24 10:39	1
4-Methyl-2-pentanone (MIBK)	ND		20	3.7	ug/Kg			10/08/24 10:39	1
Acetone	ND		25	21	ug/Kg			10/08/24 10:39	1
Benzene	ND		5.0	0.70	ug/Kg			10/08/24 10:39	1
Dichlorobromomethane	ND		5.0	1.5	ug/Kg			10/08/24 10:39	1
Bromoform	ND		5.0	2.4	ug/Kg			10/08/24 10:39	1
Bromomethane	ND		5.0	4.2	ug/Kg			10/08/24 10:39	1
Carbon disulfide	ND		5.0	1.2	ug/Kg			10/08/24 10:39	1
Carbon tetrachloride	ND		5.0	3.3	ug/Kg			10/08/24 10:39	1
Chlorobenzene	ND		5.0	0.92	ug/Kg			10/08/24 10:39	1
Chloroethane	ND		5.0	2.7	ug/Kg			10/08/24 10:39	1
Chloroform	ND		5.0	0.79	ug/Kg			10/08/24 10:39	1
Chloromethane	ND		5.0	2.3	ug/Kg			10/08/24 10:39	1
cis-1,2-Dichloroethene	ND		5.0	1.5	ug/Kg			10/08/24 10:39	1
cis-1,3-Dichloropropene	ND		5.0	2.9	ug/Kg			10/08/24 10:39	1
Cyclohexane	ND		10	1.4	ug/Kg			10/08/24 10:39	1
Chlorodibromomethane	ND		5.0	2.8	ug/Kg			10/08/24 10:39	1
Dichlorodifluoromethane	ND		5.0	2.3	ug/Kg			10/08/24 10:39	1
Ethylbenzene	ND		5.0	1.0	ug/Kg			10/08/24 10:39	1
Isopropylbenzene	ND		5.0	1.9	ug/Kg			10/08/24 10:39	1
Methyl acetate	ND		25	3.4	ug/Kg			10/08/24 10:39	1
Methyl tert-butyl ether	ND		5.0	2.0	ug/Kg			10/08/24 10:39	1
Methylcyclohexane	ND		10	1.2	ug/Kg			10/08/24 10:39	1
Methylene Chloride	ND		25	12	ug/Kg			10/08/24 10:39	1
Styrene	ND		5.0	1.2	ug/Kg			10/08/24 10:39	1
Tetrachloroethene	ND		5.0	3.9	ug/Kg			10/08/24 10:39	1
Toluene	ND		5.0	0.77	ug/Kg			10/08/24 10:39	1
trans-1,2-Dichloroethene	ND		5.0	1.4	ug/Kg			10/08/24 10:39	1
trans-1,3-Dichloropropene	ND		5.0	3.7	ug/Kg			10/08/24 10:39	1
Trichloroethene	ND		5.0	1.4	ug/Kg			10/08/24 10:39	1
Trichlorofluoromethane	ND		5.0	2.7	ug/Kg			10/08/24 10:39	1
Vinyl chloride	ND		5.0	1.8	ug/Kg			10/08/24 10:39	1
Xylenes, Total	ND		10	1.6	ug/Kg			10/08/24 10:39	1

Method: 8260D - Volatile Organic Compounds by GC/MS (Continued)

Lab Sample ID: MB 240-629852/7
Matrix: Solid
Analysis Batch: 629852

Client Sample ID: Method Blank
Prep Type: Total/NA

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
Toluene-d8 (Surr)	*92*		*56 - 125*		*10/08/24 10:39*	*1*
Dibromofluoromethane (Surr)	*85*		*41 - 138*		*10/08/24 10:39*	*1*
4-Bromofluorobenzene (Surr)	*92*		*41 - 143*		*10/08/24 10:39*	*1*
1,2-Dichloroethane-d4 (Surr)	*95*		*58 - 125*		*10/08/24 10:39*	*1*

Lab Sample ID: LCS 240-629852/5
Matrix: Solid
Analysis Batch: 629852

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
1,1,1-Trichloroethane	50.0	48.2		ug/Kg		96	74 - 136
1,1,2,2-Tetrachloroethane	50.0	48.6		ug/Kg		97	66 - 129
1,1,2-Trichloro-1,2,2-trifluoroethane	50.0	45.3		ug/Kg		91	64 - 148
1,1,2-Trichloroethane	50.0	48.7		ug/Kg		97	79 - 120
1,1-Dichloroethane	50.0	46.0		ug/Kg		92	74 - 121
1,1-Dichloroethene	50.0	46.4		ug/Kg		93	68 - 141
1,2,4-Trichlorobenzene	50.0	50.5		ug/Kg		101	58 - 132
1,2-Dibromo-3-Chloropropane	50.0	58.1		ug/Kg		116	52 - 133
Ethylene Dibromide	50.0	49.8		ug/Kg		100	80 - 121
1,2-Dichlorobenzene	50.0	47.2		ug/Kg		94	73 - 120
1,2-Dichloroethane	50.0	46.1		ug/Kg		92	71 - 123
1,2-Dichloropropane	50.0	44.4		ug/Kg		89	76 - 126
1,3-Dichlorobenzene	50.0	48.5		ug/Kg		97	73 - 120
1,4-Dichlorobenzene	50.0	47.8		ug/Kg		96	74 - 120
2-Butanone (MEK)	100	131		ug/Kg		131	63 - 142
2-Hexanone	100	128		ug/Kg		128	65 - 142
4-Methyl-2-pentanone (MIBK)	100	118		ug/Kg		118	62 - 142
Acetone	100	136		ug/Kg		136	58 - 160
Benzene	50.0	46.3		ug/Kg		93	76 - 121
Dichlorobromomethane	50.0	48.6		ug/Kg		97	71 - 138
Bromoform	50.0	44.3		ug/Kg		89	57 - 140
Bromomethane	50.0	52.6		ug/Kg		105	10 - 171
Carbon disulfide	50.0	43.3		ug/Kg		87	43 - 152
Carbon tetrachloride	50.0	48.2		ug/Kg		96	64 - 144
Chlorobenzene	50.0	46.2		ug/Kg		92	80 - 120
Chloroethane	50.0	34.4		ug/Kg		69	11 - 164
Chloroform	50.0	45.4		ug/Kg		91	78 - 120
Chloromethane	50.0	35.5		ug/Kg		71	41 - 142
cis-1,2-Dichloroethene	50.0	46.3		ug/Kg		93	78 - 124
cis-1,3-Dichloropropene	50.0	46.2		ug/Kg		92	70 - 133
Cyclohexane	50.0	47.5		ug/Kg		95	65 - 137
Chlorodibromomethane	50.0	48.0		ug/Kg		96	68 - 131
Dichlorodifluoromethane	50.0	32.0		ug/Kg		64	21 - 150
Ethylbenzene	50.0	46.6		ug/Kg		93	80 - 120
Isopropylbenzene	50.0	53.6		ug/Kg		107	80 - 130
Methyl acetate	100	102		ug/Kg		102	60 - 133
Methyl tert-butyl ether	50.0	45.2		ug/Kg		90	70 - 130
Methylcyclohexane	50.0	47.5		ug/Kg		95	70 - 138

Method: 8260D - Volatile Organic Compounds by GC/MS (Continued)

Lab Sample ID: LCS 240-629852/5
Matrix: Solid
Analysis Batch: 629852

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Methylene Chloride	50.0	45.8		ug/Kg		92	71 - 124
Styrene	50.0	46.8		ug/Kg		94	75 - 140
Tetrachloroethene	50.0	48.9		ug/Kg		98	76 - 127
Toluene	50.0	44.7		ug/Kg		89	80 - 120
trans-1,2-Dichloroethene	50.0	46.4		ug/Kg		93	76 - 130
trans-1,3-Dichloropropene	50.0	51.1		ug/Kg		102	61 - 121
Trichloroethene	50.0	50.2		ug/Kg		100	74 - 130
Trichlorofluoromethane	50.0	55.9		ug/Kg		112	50 - 154
Vinyl chloride	50.0	45.8		ug/Kg		92	49 - 146
Xylenes, Total	100	95.7		ug/Kg		96	80 - 122
m-Xylene & p-Xylene	50.0	47.7		ug/Kg		95	80 - 122
o-Xylene	50.0	48.0		ug/Kg		96	80 - 124

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
Toluene-d8 (Surr)	*100*		*56 - 125*
Dibromofluoromethane (Surr)	*102*		*41 - 138*
4-Bromofluorobenzene (Surr)	*104*		*41 - 143*
1,2-Dichloroethane-d4 (Surr)	*103*		*58 - 125*

Lab Sample ID: MB 240-629888/7
Matrix: Water
Analysis Batch: 629888

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		1.0	0.48	ug/L			10/08/24 13:56	1
1,1,2,2-Tetrachloroethane	ND		1.0	0.60	ug/L			10/08/24 13:56	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		1.0	0.41	ug/L			10/08/24 13:56	1
1,1,2-Trichloroethane	ND		1.0	0.48	ug/L			10/08/24 13:56	1
1,1-Dichloroethane	ND		1.0	0.47	ug/L			10/08/24 13:56	1
1,1-Dichloroethene	ND		1.0	0.49	ug/L			10/08/24 13:56	1
1,2,4-Trichlorobenzene	ND		1.0	0.77	ug/L			10/08/24 13:56	1
1,2-Dibromo-3-Chloropropane	ND		2.0	0.91	ug/L			10/08/24 13:56	1
Ethylene Dibromide	ND		1.0	0.41	ug/L			10/08/24 13:56	1
1,2-Dichlorobenzene	ND		1.0	0.48	ug/L			10/08/24 13:56	1
1,2-Dichloroethane	ND		1.0	0.46	ug/L			10/08/24 13:56	1
1,2-Dichloropropane	ND		1.0	0.47	ug/L			10/08/24 13:56	1
1,3-Dichlorobenzene	ND		1.0	0.45	ug/L			10/08/24 13:56	1
1,4-Dichlorobenzene	ND		1.0	0.41	ug/L			10/08/24 13:56	1
2-Butanone (MEK)	ND		10	1.2	ug/L			10/08/24 13:56	1
2-Hexanone	ND		10	1.1	ug/L			10/08/24 13:56	1
4-Methyl-2-pentanone (MIBK)	ND		10	0.99	ug/L			10/08/24 13:56	1
Acetone	ND		10	5.4	ug/L			10/08/24 13:56	1
Benzene	ND		1.0	0.42	ug/L			10/08/24 13:56	1
Dichlorobromomethane	ND		1.0	0.38	ug/L			10/08/24 13:56	1
Bromoform	ND		1.0	0.76	ug/L			10/08/24 13:56	1
Bromomethane	ND		1.0	0.42	ug/L			10/08/24 13:56	1
Carbon disulfide	ND		1.0	0.59	ug/L			10/08/24 13:56	1
Carbon tetrachloride	ND		1.0	0.26	ug/L			10/08/24 13:56	1

Method: 8260D - Volatile Organic Compounds by GC/MS (Continued)

Lab Sample ID: MB 240-629888/7
Matrix: Water
Analysis Batch: 629888

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chlorobenzene	ND		1.0	0.38	ug/L			10/08/24 13:56	1
Chloroethane	ND		1.0	0.83	ug/L			10/08/24 13:56	1
Chloroform	ND		1.0	0.47	ug/L			10/08/24 13:56	1
Chloromethane	ND		1.0	0.63	ug/L			10/08/24 13:56	1
cis-1,2-Dichloroethene	ND		1.0	0.46	ug/L			10/08/24 13:56	1
cis-1,3-Dichloropropene	ND		1.0	0.61	ug/L			10/08/24 13:56	1
Cyclohexane	ND		1.0	0.48	ug/L			10/08/24 13:56	1
Chlorodibromomethane	ND		1.0	0.39	ug/L			10/08/24 13:56	1
Dichlorodifluoromethane	ND		1.0	0.35	ug/L			10/08/24 13:56	1
Ethylbenzene	ND		1.0	0.42	ug/L			10/08/24 13:56	1
Isopropylbenzene	ND		1.0	0.49	ug/L			10/08/24 13:56	1
Methyl acetate	ND		10	1.7	ug/L			10/08/24 13:56	1
Methyl tert-butyl ether	ND		1.0	0.47	ug/L			10/08/24 13:56	1
Methylcyclohexane	ND		1.0	0.33	ug/L			10/08/24 13:56	1
Methylene Chloride	ND		5.0	2.6	ug/L			10/08/24 13:56	1
Styrene	ND		1.0	0.45	ug/L			10/08/24 13:56	1
Tetrachloroethene	ND		1.0	0.44	ug/L			10/08/24 13:56	1
Toluene	ND		1.0	0.44	ug/L			10/08/24 13:56	1
trans-1,2-Dichloroethene	ND		1.0	0.51	ug/L			10/08/24 13:56	1
trans-1,3-Dichloropropene	ND		1.0	0.67	ug/L			10/08/24 13:56	1
Trichloroethene	ND		1.0	0.44	ug/L			10/08/24 13:56	1
Trichlorofluoromethane	ND		1.0	0.45	ug/L			10/08/24 13:56	1
Vinyl chloride	ND		1.0	0.45	ug/L			10/08/24 13:56	1
Xylenes, Total	ND		2.0	0.42	ug/L			10/08/24 13:56	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Toluene-d8 (Surr)	*103*		*78 - 122*		*10/08/24 13:56*	*1*
Dibromofluoromethane (Surr)	*103*		*73 - 120*		*10/08/24 13:56*	*1*
4-Bromofluorobenzene (Surr)	*108*		*56 - 136*		*10/08/24 13:56*	*1*
1,2-Dichloroethane-d4 (Surr)	*126*		*62 - 137*		*10/08/24 13:56*	*1*

Lab Sample ID: LCS 240-629888/4
Matrix: Water
Analysis Batch: 629888

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
1,1,1-Trichloroethane	25.0	26.3		ug/L		105	64 - 131
1,1,2,2-Tetrachloroethane	25.0	22.7		ug/L		91	58 - 157
1,1,2-Trichloro-1,2,2-trifluoroethane	25.0	25.9		ug/L		103	51 - 146
1,1,2-Trichloroethane	25.0	23.8		ug/L		95	70 - 138
1,1-Dichloroethane	25.0	23.4		ug/L		94	72 - 127
1,1-Dichloroethene	25.0	24.1		ug/L		97	63 - 134
1,2,4-Trichlorobenzene	25.0	24.9		ug/L		100	44 - 147
1,2-Dibromo-3-Chloropropane	25.0	24.5		ug/L		98	53 - 135
Ethylene Dibromide	25.0	25.3		ug/L		101	71 - 134
1,2-Dichlorobenzene	25.0	22.7		ug/L		91	78 - 120
1,2-Dichloroethane	25.0	26.7		ug/L		107	66 - 128
1,2-Dichloropropane	25.0	23.8		ug/L		95	75 - 133

Method: 8260D - Volatile Organic Compounds by GC/MS (Continued)

Lab Sample ID: LCS 240-629888/4
Matrix: Water
Analysis Batch: 629888

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
1,3-Dichlorobenzene	25.0	24.6		ug/L		98	80 - 120
1,4-Dichlorobenzene	25.0	23.0		ug/L		92	80 - 120
2-Butanone (MEK)	50.0	50.7		ug/L		101	54 - 156
2-Hexanone	50.0	57.3		ug/L		115	43 - 167
4-Methyl-2-pentanone (MIBK)	50.0	48.2		ug/L		96	46 - 158
Acetone	50.0	57.6		ug/L		115	50 - 149
Benzene	25.0	23.1		ug/L		92	77 - 123
Dichlorobromomethane	25.0	23.1		ug/L		93	69 - 126
Bromoform	25.0	24.6		ug/L		98	57 - 129
Bromomethane	12.5	16.1		ug/L		129	36 - 142
Carbon disulfide	25.0	26.2		ug/L		105	43 - 140
Carbon tetrachloride	25.0	27.5		ug/L		110	55 - 137
Chlorobenzene	25.0	24.5		ug/L		98	80 - 121
Chloroethane	12.5	13.4		ug/L		107	38 - 152
Chloroform	25.0	23.1		ug/L		92	74 - 122
Chloromethane	12.5	11.2		ug/L		90	47 - 143
cis-1,2-Dichloroethene	25.0	22.7		ug/L		91	77 - 123
cis-1,3-Dichloropropene	25.0	24.0		ug/L		96	64 - 130
Cyclohexane	25.0	25.5		ug/L		102	58 - 146
Chlorodibromomethane	25.0	25.1		ug/L		100	70 - 124
Dichlorodifluoromethane	12.5	8.18		ug/L		65	34 - 153
Ethylbenzene	25.0	25.7		ug/L		103	80 - 121
Isopropylbenzene	25.0	30.6		ug/L		122	74 - 128
Methyl acetate	50.0	47.7		ug/L		95	42 - 169
Methyl tert-butyl ether	25.0	26.7		ug/L		107	65 - 126
Methylcyclohexane	25.0	25.5		ug/L		102	62 - 136
Methylene Chloride	25.0	24.4		ug/L		97	71 - 125
Styrene	25.0	28.1		ug/L		112	80 - 135
Tetrachloroethene	25.0	27.3		ug/L		109	76 - 123
Toluene	25.0	24.6		ug/L		98	80 - 123
trans-1,2-Dichloroethene	25.0	21.7		ug/L		87	75 - 124
trans-1,3-Dichloropropene	25.0	27.3		ug/L		109	57 - 129
Trichloroethene	25.0	20.8		ug/L		83	70 - 122
Trichlorofluoromethane	12.5	13.0		ug/L		104	30 - 170
Vinyl chloride	12.5	11.1		ug/L		89	60 - 144
Xylenes, Total	50.0	53.7		ug/L		107	80 - 121
m-Xylene & p-Xylene	25.0	27.1		ug/L		109	80 - 120
o-Xylene	25.0	26.6		ug/L		106	80 - 123

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
Toluene-d8 (Surr)	*116*		*78 - 122*
Dibromofluoromethane (Surr)	*98*		*73 - 120*
4-Bromofluorobenzene (Surr)	*114*		*56 - 136*
1,2-Dichloroethane-d4 (Surr)	*112*		*62 - 137*

Method: 8260D - Volatile Organic Compounds by GC/MS (Continued)

Lab Sample ID: 240-212566-23 MS
Matrix: Solid
Analysis Batch: 629852

Client Sample ID: T1125-E-2.0
Prep Type: Total/NA
Prep Batch: 629942

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
1,1,1-Trichloroethane	ND		55.0	53.4		ug/Kg	☼	97	46 - 144
1,1,2,2-Tetrachloroethane	ND		55.0	49.4		ug/Kg	☼	90	26 - 159
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		55.0	50.5		ug/Kg	☼	92	35 - 164
1,1,2-Trichloroethane	ND		55.0	49.7		ug/Kg	☼	90	26 - 149
1,1-Dichloroethane	ND		55.0	51.0		ug/Kg	☼	93	46 - 135
1,1-Dichloroethene	ND		55.0	50.3		ug/Kg	☼	91	44 - 160
1,2,4-Trichlorobenzene	ND		55.0	40.8		ug/Kg	☼	74	10 - 120
1,2-Dibromo-3-Chloropropane	ND		55.0	48.7		ug/Kg	☼	89	12 - 144
Ethylene Dibromide	ND		55.0	49.6		ug/Kg	☼	90	31 - 142
1,2-Dichlorobenzene	ND		55.0	43.7		ug/Kg	☼	80	10 - 126
1,2-Dichloroethane	ND		55.0	48.4		ug/Kg	☼	88	40 - 132
1,2-Dichloropropane	ND		55.0	47.8		ug/Kg	☼	87	45 - 133
1,3-Dichlorobenzene	ND		55.0	44.9		ug/Kg	☼	82	10 - 131
1,4-Dichlorobenzene	ND		55.0	45.0		ug/Kg	☼	82	10 - 129
2-Butanone (MEK)	6.7	J	110	128		ug/Kg	☼	110	30 - 157
2-Hexanone	ND		110	120		ug/Kg	☼	109	20 - 166
4-Methyl-2-pentanone (MIBK)	ND		110	114		ug/Kg	☼	104	31 - 159
Acetone	41		110	158		ug/Kg	☼	107	35 - 167
Benzene	ND		55.0	50.4		ug/Kg	☼	92	39 - 134
Dichlorobromomethane	ND		55.0	51.0		ug/Kg	☼	93	32 - 146
Bromoform	ND		55.0	41.2		ug/Kg	☼	75	12 - 144
Bromomethane	ND		55.0	49.6		ug/Kg	☼	90	10 - 161
Carbon disulfide	ND		55.0	45.2		ug/Kg	☼	82	24 - 153
Carbon tetrachloride	ND		55.0	51.5		ug/Kg	☼	94	37 - 145
Chlorobenzene	ND		55.0	47.9		ug/Kg	☼	87	18 - 134
Chloroethane	ND		55.0	40.2		ug/Kg	☼	73	14 - 159
Chloroform	ND		55.0	50.6		ug/Kg	☼	92	43 - 134
Chloromethane	ND		55.0	38.0		ug/Kg	☼	69	32 - 151
cis-1,2-Dichloroethene	ND		55.0	51.0		ug/Kg	☼	93	48 - 132
cis-1,3-Dichloropropene	ND		55.0	46.8		ug/Kg	☼	85	23 - 139
Cyclohexane	ND		55.0	51.9		ug/Kg	☼	94	31 - 147
Chlorodibromomethane	ND		55.0	47.3		ug/Kg	☼	86	25 - 143
Dichlorodifluoromethane	ND		55.0	35.9		ug/Kg	☼	65	16 - 157
Ethylbenzene	ND		55.0	50.0		ug/Kg	☼	91	17 - 137
Isopropylbenzene	ND		55.0	56.2		ug/Kg	☼	102	10 - 146
Methyl acetate	ND		110	103		ug/Kg	☼	93	13 - 164
Methyl tert-butyl ether	ND		55.0	48.0		ug/Kg	☼	87	55 - 134
Methylcyclohexane	ND		55.0	50.4		ug/Kg	☼	92	20 - 153
Methylene Chloride	ND		55.0	46.7		ug/Kg	☼	85	38 - 145
Styrene	ND		55.0	47.0		ug/Kg	☼	85	10 - 149
Tetrachloroethene	ND		55.0	52.2		ug/Kg	☼	95	19 - 147
Toluene	ND		55.0	48.3		ug/Kg	☼	88	30 - 137
trans-1,2-Dichloroethene	ND		55.0	51.2		ug/Kg	☼	93	41 - 145
trans-1,3-Dichloropropene	ND		55.0	50.6		ug/Kg	☼	92	19 - 130
Trichloroethene	ND		55.0	51.5		ug/Kg	☼	94	21 - 158
Trichlorofluoromethane	ND		55.0	51.8		ug/Kg	☼	94	36 - 161
Vinyl chloride	ND		55.0	54.4		ug/Kg	☼	99	32 - 163
Xylenes, Total	ND		110	99.7		ug/Kg	☼	91	17 - 138

Method: 8260D - Volatile Organic Compounds by GC/MS (Continued)

Lab Sample ID: 240-212566-23 MS
Matrix: Solid
Analysis Batch: 629852

Client Sample ID: T1125-E-2.0
Prep Type: Total/NA
Prep Batch: 629942

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
m-Xylene & p-Xylene	ND		55.0	49.8		ug/Kg	☼	91	10 - 141
o-Xylene	ND		55.0	49.9		ug/Kg	☼	91	18 - 139

Surrogate	*MS %Recovery*	*MS Qualifier*	*Limits*
Toluene-d8 (Surr)	*98*		*56 - 125*
Dibromofluoromethane (Surr)	*100*		*41 - 138*
4-Bromofluorobenzene (Surr)	*102*		*41 - 143*
1,2-Dichloroethane-d4 (Surr)	*102*		*58 - 125*

Lab Sample ID: 240-212566-23 MSD
Matrix: Solid
Analysis Batch: 629852

Client Sample ID: T1125-E-2.0
Prep Type: Total/NA
Prep Batch: 629942

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
1,1,1-Trichloroethane	ND		60.2	61.0		ug/Kg	☼	101	46 - 144	13	37
1,1,2,2-Tetrachloroethane	ND		60.2	55.4		ug/Kg	☼	92	26 - 159	12	40
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		60.2	55.8		ug/Kg	☼	93	35 - 164	10	37
1,1,2-Trichloroethane	ND		60.2	57.0		ug/Kg	☼	95	26 - 149	14	40
1,1-Dichloroethane	ND		60.2	57.0		ug/Kg	☼	95	46 - 135	11	36
1,1-Dichloroethene	ND		60.2	57.0		ug/Kg	☼	95	44 - 160	12	37
1,2,4-Trichlorobenzene	ND		60.2	52.3		ug/Kg	☼	87	10 - 120	25	40
1,2-Dibromo-3-Chloropropane	ND		60.2	60.3		ug/Kg	☼	100	12 - 144	21	40
Ethylene Dibromide	ND		60.2	58.5		ug/Kg	☼	97	31 - 142	17	40
1,2-Dichlorobenzene	ND		60.2	52.7		ug/Kg	☼	88	10 - 126	19	40
1,2-Dichloroethane	ND		60.2	55.3		ug/Kg	☼	92	40 - 132	13	35
1,2-Dichloropropane	ND		60.2	54.3		ug/Kg	☼	90	45 - 133	13	37
1,3-Dichlorobenzene	ND		60.2	54.9		ug/Kg	☼	91	10 - 131	20	40
1,4-Dichlorobenzene	ND		60.2	54.2		ug/Kg	☼	90	10 - 129	19	40
2-Butanone (MEK)	6.7	J	120	146		ug/Kg	☼	116	30 - 157	13	40
2-Hexanone	ND		120	139		ug/Kg	☼	115	20 - 166	14	40
4-Methyl-2-pentanone (MIBK)	ND		120	131		ug/Kg	☼	109	31 - 159	14	40
Acetone	41		120	175		ug/Kg	☼	111	35 - 167	10	40
Benzene	ND		60.2	56.8		ug/Kg	☼	94	39 - 134	12	40
Dichlorobromomethane	ND		60.2	58.6		ug/Kg	☼	97	32 - 146	14	39
Bromoform	ND		60.2	49.4		ug/Kg	☼	82	12 - 144	18	40
Bromomethane	ND		60.2	57.3		ug/Kg	☼	95	10 - 161	14	40
Carbon disulfide	ND		60.2	51.8		ug/Kg	☼	86	24 - 153	14	40
Carbon tetrachloride	ND		60.2	59.3		ug/Kg	☼	99	37 - 145	14	38
Chlorobenzene	ND		60.2	55.5		ug/Kg	☼	92	18 - 134	15	40
Chloroethane	ND		60.2	45.8		ug/Kg	☼	76	14 - 159	13	40
Chloroform	ND		60.2	57.0		ug/Kg	☼	95	43 - 134	12	36
Chloromethane	ND		60.2	43.2		ug/Kg	☼	72	32 - 151	13	38
cis-1,2-Dichloroethene	ND		60.2	57.1		ug/Kg	☼	95	48 - 132	11	37
cis-1,3-Dichloropropene	ND		60.2	54.7		ug/Kg	☼	91	23 - 139	16	39
Cyclohexane	ND		60.2	57.6		ug/Kg	☼	96	31 - 147	10	39
Chlorodibromomethane	ND		60.2	55.2		ug/Kg	☼	92	25 - 143	15	40
Dichlorodifluoromethane	ND		60.2	40.5		ug/Kg	☼	67	16 - 157	12	40
Ethylbenzene	ND		60.2	57.1		ug/Kg	☼	95	17 - 137	13	40

Method: 8260D - Volatile Organic Compounds by GC/MS (Continued)

Lab Sample ID: 240-212566-23 MSD
Matrix: Solid
Analysis Batch: 629852

Client Sample ID: T1125-E-2.0
Prep Type: Total/NA
Prep Batch: 629942

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Isopropylbenzene	ND		60.2	64.5		ug/Kg	☼	107	10 - 146	14	40
Methyl acetate	ND		120	116		ug/Kg	☼	96	13 - 164	12	40
Methyl tert-butyl ether	ND		60.2	54.3		ug/Kg	☼	90	55 - 134	12	37
Methylcyclohexane	ND		60.2	58.3		ug/Kg	☼	97	20 - 153	15	40
Methylene Chloride	ND		60.2	50.0		ug/Kg	☼	83	38 - 145	7	40
Styrene	ND		60.2	54.9		ug/Kg	☼	91	10 - 149	16	40
Tetrachloroethene	ND		60.2	59.0		ug/Kg	☼	98	19 - 147	12	40
Toluene	ND		60.2	55.2		ug/Kg	☼	92	30 - 137	13	40
trans-1,2-Dichloroethene	ND		60.2	57.5		ug/Kg	☼	96	41 - 145	12	37
trans-1,3-Dichloropropene	ND		60.2	59.5		ug/Kg	☼	99	19 - 130	16	40
Trichloroethene	ND		60.2	61.6		ug/Kg	☼	102	21 - 158	18	40
Trichlorofluoromethane	ND		60.2	61.0		ug/Kg	☼	101	36 - 161	16	40
Vinyl chloride	ND		60.2	60.1		ug/Kg	☼	100	32 - 163	10	38
Xylenes, Total	ND		120	115		ug/Kg	☼	95	17 - 138	14	40
m-Xylene & p-Xylene	ND		60.2	57.6		ug/Kg	☼	96	10 - 141	15	40
o-Xylene	ND		60.2	57.0		ug/Kg	☼	95	18 - 139	13	40

Surrogate	*MSD %Recovery*	*MSD Qualifier*	*Limits*
Toluene-d8 (Surr)	*97*		*56 - 125*
Dibromofluoromethane (Surr)	*101*		*41 - 138*
4-Bromofluorobenzene (Surr)	*101*		*41 - 143*
1,2-Dichloroethane-d4 (Surr)	*101*		*58 - 125*

Lab Sample ID: 240-212566-25 MS
Matrix: Solid
Analysis Batch: 629852

Client Sample ID: T1125-W-2.0
Prep Type: Total/NA
Prep Batch: 629942

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
1,1,1-Trichloroethane	ND		60.7	65.5		ug/Kg	☼	108	46 - 144
1,1,2,2-Tetrachloroethane	ND		60.7	64.0		ug/Kg	☼	106	26 - 159
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		60.7	58.6		ug/Kg	☼	97	35 - 164
1,1,2-Trichloroethane	ND		60.7	61.4		ug/Kg	☼	101	26 - 149
1,1-Dichloroethane	ND		60.7	61.4		ug/Kg	☼	101	46 - 135
1,1-Dichloroethene	ND		60.7	61.0		ug/Kg	☼	100	44 - 160
1,2,4-Trichlorobenzene	ND		60.7	53.8		ug/Kg	☼	89	10 - 120
1,2-Dibromo-3-Chloropropane	ND		60.7	66.8		ug/Kg	☼	110	12 - 144
Ethylene Dibromide	ND		60.7	62.0		ug/Kg	☼	102	31 - 142
1,2-Dichlorobenzene	ND		60.7	57.8		ug/Kg	☼	95	10 - 126
1,2-Dichloroethane	ND		60.7	59.5		ug/Kg	☼	98	40 - 132
1,2-Dichloropropane	ND		60.7	58.8		ug/Kg	☼	97	45 - 133
1,3-Dichlorobenzene	ND		60.7	60.7		ug/Kg	☼	100	10 - 131
1,4-Dichlorobenzene	ND		60.7	59.7		ug/Kg	☼	98	10 - 129
2-Butanone (MEK)	ND		121	155		ug/Kg	☼	128	30 - 157
2-Hexanone	ND		121	149		ug/Kg	☼	123	20 - 166
4-Methyl-2-pentanone (MIBK)	ND		121	145		ug/Kg	☼	120	31 - 159
Acetone	ND		121	182		ug/Kg	☼	150	35 - 167
Benzene	ND		60.7	61.1		ug/Kg	☼	101	39 - 134
Dichlorobromomethane	ND		60.7	61.5		ug/Kg	☼	101	32 - 146

Method: 8260D - Volatile Organic Compounds by GC/MS (Continued)

Lab Sample ID: 240-212566-25 MS
Matrix: Solid
Analysis Batch: 629852

Client Sample ID: T1125-W-2.0
Prep Type: Total/NA
Prep Batch: 629942

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Bromoform	ND		60.7	51.4		ug/Kg	☼	85	12 - 144
Bromomethane	ND		60.7	60.6		ug/Kg	☼	100	10 - 161
Carbon disulfide	ND		60.7	51.1		ug/Kg	☼	84	24 - 153
Carbon tetrachloride	ND		60.7	60.3		ug/Kg	☼	99	37 - 145
Chlorobenzene	ND		60.7	59.9		ug/Kg	☼	99	18 - 134
Chloroethane	ND		60.7	48.5		ug/Kg	☼	80	14 - 159
Chloroform	ND		60.7	61.4		ug/Kg	☼	101	43 - 134
Chloromethane	ND		60.7	45.5		ug/Kg	☼	75	32 - 151
cis-1,2-Dichloroethene	ND		60.7	62.0		ug/Kg	☼	102	48 - 132
cis-1,3-Dichloropropene	ND		60.7	56.1		ug/Kg	☼	92	23 - 139
Cyclohexane	ND		60.7	62.4		ug/Kg	☼	103	31 - 147
Chlorodibromomethane	ND		60.7	57.2		ug/Kg	☼	94	25 - 143
Dichlorodifluoromethane	ND		60.7	43.1		ug/Kg	☼	71	16 - 157
Ethylbenzene	ND		60.7	61.8		ug/Kg	☼	102	17 - 137
Isopropylbenzene	ND		60.7	69.2		ug/Kg	☼	114	10 - 146
Methyl acetate	ND		121	135		ug/Kg	☼	111	13 - 164
Methyl tert-butyl ether	ND		60.7	57.8		ug/Kg	☼	95	55 - 134
Methylcyclohexane	ND		60.7	61.4		ug/Kg	☼	101	20 - 153
Methylene Chloride	ND		60.7	56.5		ug/Kg	☼	93	38 - 145
Styrene	ND		60.7	57.9		ug/Kg	☼	95	10 - 149
Tetrachloroethene	ND		60.7	64.9		ug/Kg	☼	107	19 - 147
Toluene	ND		60.7	59.3		ug/Kg	☼	98	30 - 137
trans-1,2-Dichloroethene	ND		60.7	60.1		ug/Kg	☼	99	41 - 145
trans-1,3-Dichloropropene	ND		60.7	61.3		ug/Kg	☼	101	19 - 130
Trichloroethene	ND		60.7	63.9		ug/Kg	☼	105	21 - 158
Trichlorofluoromethane	ND		60.7	63.0		ug/Kg	☼	104	36 - 161
Vinyl chloride	ND		60.7	64.4		ug/Kg	☼	106	32 - 163
Xylenes, Total	ND		121	124		ug/Kg	☼	102	17 - 138
m-Xylene & p-Xylene	ND		60.7	62.1		ug/Kg	☼	102	10 - 141
o-Xylene	ND		60.7	62.3		ug/Kg	☼	103	18 - 139

Surrogate	*MS %Recovery*	*MS Qualifier*	*Limits*
Toluene-d8 (Surr)	*99*		*56 - 125*
Dibromofluoromethane (Surr)	*102*		*41 - 138*
4-Bromofluorobenzene (Surr)	*101*		*41 - 143*
1,2-Dichloroethane-d4 (Surr)	*101*		*58 - 125*

Lab Sample ID: 240-212566-25 MSD
Matrix: Solid
Analysis Batch: 629852

Client Sample ID: T1125-W-2.0
Prep Type: Total/NA
Prep Batch: 629942

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
1,1,1-Trichloroethane	ND		59.1	57.8		ug/Kg	☼	98	46 - 144	12	37
1,1,2,2-Tetrachloroethane	ND		59.1	56.7		ug/Kg	☼	96	26 - 159	12	40
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		59.1	52.7		ug/Kg	☼	89	35 - 164	11	37
1,1,2-Trichloroethane	ND		59.1	55.3		ug/Kg	☼	94	26 - 149	10	40
1,1-Dichloroethane	ND		59.1	55.4		ug/Kg	☼	94	46 - 135	10	36
1,1-Dichloroethene	ND		59.1	54.4		ug/Kg	☼	92	44 - 160	12	37

Method: 8260D - Volatile Organic Compounds by GC/MS (Continued)

Lab Sample ID: 240-212566-25 MSD
Matrix: Solid
Analysis Batch: 629852

Client Sample ID: T1125-W-2.0
Prep Type: Total/NA
Prep Batch: 629942

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
1,2,4-Trichlorobenzene	ND		59.1	42.8		ug/Kg	☼	72	10 - 120	23	40
1,2-Dibromo-3-Chloropropane	ND		59.1	57.7		ug/Kg	☼	98	12 - 144	15	40
Ethylene Dibromide	ND		59.1	55.2		ug/Kg	☼	93	31 - 142	12	40
1,2-Dichlorobenzene	ND		59.1	51.9		ug/Kg	☼	88	10 - 126	11	40
1,2-Dichloroethane	ND		59.1	52.9		ug/Kg	☼	89	40 - 132	12	35
1,2-Dichloropropane	ND		59.1	52.6		ug/Kg	☼	89	45 - 133	11	37
1,3-Dichlorobenzene	ND		59.1	53.1		ug/Kg	☼	90	10 - 131	13	40
1,4-Dichlorobenzene	ND		59.1	51.7		ug/Kg	☼	87	10 - 129	14	40
2-Butanone (MEK)	ND		118	128		ug/Kg	☼	108	30 - 157	20	40
2-Hexanone	ND		118	128		ug/Kg	☼	108	20 - 166	15	40
4-Methyl-2-pentanone (MIBK)	ND		118	126		ug/Kg	☼	106	31 - 159	14	40
Acetone	ND		118	131		ug/Kg	☼	111	35 - 167	32	40
Benzene	ND		59.1	54.5		ug/Kg	☼	92	39 - 134	11	40
Dichlorobromomethane	ND		59.1	57.2		ug/Kg	☼	97	32 - 146	7	39
Bromoform	ND		59.1	46.9		ug/Kg	☼	79	12 - 144	9	40
Bromomethane	ND		59.1	52.4		ug/Kg	☼	89	10 - 161	15	40
Carbon disulfide	ND		59.1	39.5		ug/Kg	☼	67	24 - 153	26	40
Carbon tetrachloride	ND		59.1	57.7		ug/Kg	☼	98	37 - 145	4	38
Chlorobenzene	ND		59.1	53.0		ug/Kg	☼	90	18 - 134	12	40
Chloroethane	ND		59.1	44.7		ug/Kg	☼	76	14 - 159	8	40
Chloroform	ND		59.1	54.5		ug/Kg	☼	92	43 - 134	12	36
Chloromethane	ND		59.1	41.3		ug/Kg	☼	70	32 - 151	10	38
cis-1,2-Dichloroethene	ND		59.1	55.3		ug/Kg	☼	93	48 - 132	11	37
cis-1,3-Dichloropropene	ND		59.1	48.5		ug/Kg	☼	82	23 - 139	14	39
Cyclohexane	ND		59.1	55.2		ug/Kg	☼	93	31 - 147	12	39
Chlorodibromomethane	ND		59.1	53.9		ug/Kg	☼	91	25 - 143	6	40
Dichlorodifluoromethane	ND		59.1	39.1		ug/Kg	☼	66	16 - 157	10	40
Ethylbenzene	ND		59.1	54.1		ug/Kg	☼	91	17 - 137	13	40
Isopropylbenzene	ND		59.1	61.7		ug/Kg	☼	104	10 - 146	12	40
Methyl acetate	ND		118	103		ug/Kg	☼	87	13 - 164	27	40
Methyl tert-butyl ether	ND		59.1	53.5		ug/Kg	☼	91	55 - 134	8	37
Methylcyclohexane	ND		59.1	54.2		ug/Kg	☼	92	20 - 153	12	40
Methylene Chloride	ND		59.1	48.4		ug/Kg	☼	82	38 - 145	15	40
Styrene	ND		59.1	50.7		ug/Kg	☼	86	10 - 149	13	40
Tetrachloroethene	ND		59.1	57.7		ug/Kg	☼	98	19 - 147	12	40
Toluene	ND		59.1	53.4		ug/Kg	☼	90	30 - 137	11	40
trans-1,2-Dichloroethene	ND		59.1	53.8		ug/Kg	☼	91	41 - 145	11	37
trans-1,3-Dichloropropene	ND		59.1	54.7		ug/Kg	☼	92	19 - 130	12	40
Trichloroethene	ND		59.1	57.0		ug/Kg	☼	96	21 - 158	12	40
Trichlorofluoromethane	ND		59.1	57.3		ug/Kg	☼	97	36 - 161	10	40
Vinyl chloride	ND		59.1	58.1		ug/Kg	☼	98	32 - 163	10	38
Xylenes, Total	ND		118	111		ug/Kg	☼	94	17 - 138	11	40
m-Xylene & p-Xylene	ND		59.1	55.4		ug/Kg	☼	94	10 - 141	11	40
o-Xylene	ND		59.1	55.8		ug/Kg	☼	94	18 - 139	11	40

Surrogate	*MSD %Recovery*	*MSD Qualifier*	*Limits*
Toluene-d8 (Surr)	*94*		*56 - 125*
Dibromofluoromethane (Surr)	*94*		*41 - 138*

Method: 8260D - Volatile Organic Compounds by GC/MS (Continued)

Lab Sample ID: 240-212566-25 MSD
Matrix: Solid
Analysis Batch: 629852

Client Sample ID: T1125-W-2.0
Prep Type: Total/NA
Prep Batch: 629942

Surrogate	MSD %Recovery	MSD Qualifier	Limits
4-Bromofluorobenzene (Surr)	*94*		*41 - 143*
1,2-Dichloroethane-d4 (Surr)	*94*		*58 - 125*

Method: 8270E - Semivolatile Organic Compounds (GC/MS)

Lab Sample ID: MB 240-629889/1-A
Matrix: Solid
Analysis Batch: 630030

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 629889

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1'-Biphenyl	ND		100	28	ug/Kg		10/08/24 09:11	10/09/24 10:47	1
bis (2-chloroisopropyl) ether	ND		100	26	ug/Kg		10/08/24 09:11	10/09/24 10:47	1
2,4,5-Trichlorophenol	ND		150	33	ug/Kg		10/08/24 09:11	10/09/24 10:47	1
2,4,6-Trichlorophenol	ND		150	29	ug/Kg		10/08/24 09:11	10/09/24 10:47	1
2,4-Dichlorophenol	ND		150	27	ug/Kg		10/08/24 09:11	10/09/24 10:47	1
2,4-Dimethylphenol	ND		150	36	ug/Kg		10/08/24 09:11	10/09/24 10:47	1
2,4-Dinitrophenol	ND		330	170	ug/Kg		10/08/24 09:11	10/09/24 10:47	1
2,4-Dinitrotoluene	ND		200	23	ug/Kg		10/08/24 09:11	10/09/24 10:47	1
2,6-Dinitrotoluene	ND		200	36	ug/Kg		10/08/24 09:11	10/09/24 10:47	1
2-Chloronaphthalene	ND		100	28	ug/Kg		10/08/24 09:11	10/09/24 10:47	1
2-Chlorophenol	ND		100	26	ug/Kg		10/08/24 09:11	10/09/24 10:47	1
2-Methylnaphthalene	ND		40	13	ug/Kg		10/08/24 09:11	10/09/24 10:47	1
2-Methylphenol	ND		200	41	ug/Kg		10/08/24 09:11	10/09/24 10:47	1
2-Nitroaniline	ND		200	38	ug/Kg		10/08/24 09:11	10/09/24 10:47	1
2-Nitrophenol	ND		100	35	ug/Kg		10/08/24 09:11	10/09/24 10:47	1
3,3'-Dichlorobenzidine	ND		150	95	ug/Kg		10/08/24 09:11	10/09/24 10:47	1
3-Nitroaniline	ND		200	35	ug/Kg		10/08/24 09:11	10/09/24 10:47	1
4,6-Dinitro-2-methylphenol	ND		330	100	ug/Kg		10/08/24 09:11	10/09/24 10:47	1
4-Bromophenyl phenyl ether	ND		100	32	ug/Kg		10/08/24 09:11	10/09/24 10:47	1
4-Chloro-3-methylphenol	ND		150	38	ug/Kg		10/08/24 09:11	10/09/24 10:47	1
4-Chloroaniline	ND		150	16	ug/Kg		10/08/24 09:11	10/09/24 10:47	1
4-Chlorophenyl phenyl ether	ND		100	28	ug/Kg		10/08/24 09:11	10/09/24 10:47	1
4-Nitroaniline	ND		200	26	ug/Kg		10/08/24 09:11	10/09/24 10:47	1
4-Nitrophenol	ND		330	90	ug/Kg		10/08/24 09:11	10/09/24 10:47	1
Acenaphthene	ND		40	14	ug/Kg		10/08/24 09:11	10/09/24 10:47	1
Acenaphthylene	ND		40	15	ug/Kg		10/08/24 09:11	10/09/24 10:47	1
Acetophenone	ND		100	25	ug/Kg		10/08/24 09:11	10/09/24 10:47	1
Anthracene	ND		40	12	ug/Kg		10/08/24 09:11	10/09/24 10:47	1
Atrazine	ND		330	69	ug/Kg		10/08/24 09:11	10/09/24 10:47	1
Benzaldehyde	ND		330	56	ug/Kg		10/08/24 09:11	10/09/24 10:47	1
Benzo[a]anthracene	ND		40	15	ug/Kg		10/08/24 09:11	10/09/24 10:47	1
Benzo[a]pyrene	ND		40	14	ug/Kg		10/08/24 09:11	10/09/24 10:47	1
Benzo[b]fluoranthene	ND		40	12	ug/Kg		10/08/24 09:11	10/09/24 10:47	1
Benzo[g,h,i]perylene	ND		40	27	ug/Kg		10/08/24 09:11	10/09/24 10:47	1
Benzo[k]fluoranthene	ND		40	10	ug/Kg		10/08/24 09:11	10/09/24 10:47	1
Bis(2-chloroethoxy)methane	ND		100	20	ug/Kg		10/08/24 09:11	10/09/24 10:47	1
Bis(2-chloroethyl)ether	ND		100	22	ug/Kg		10/08/24 09:11	10/09/24 10:47	1
Bis(2-ethylhexyl) phthalate	ND		150	56	ug/Kg		10/08/24 09:11	10/09/24 10:47	1
Butyl benzyl phthalate	ND		150	51	ug/Kg		10/08/24 09:11	10/09/24 10:47	1

Method: 8270E - Semivolatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: MB 240-629889/1-A
Matrix: Solid
Analysis Batch: 630030

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 629889

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Caprolactam	ND		330	69	ug/Kg		10/08/24 09:11	10/09/24 10:47	1
Carbazole	ND		100	27	ug/Kg		10/08/24 09:11	10/09/24 10:47	1
Chrysene	ND		40	14	ug/Kg		10/08/24 09:11	10/09/24 10:47	1
Dibenz(a,h)anthracene	ND		40	15	ug/Kg		10/08/24 09:11	10/09/24 10:47	1
Dibenzofuran	ND		100	29	ug/Kg		10/08/24 09:11	10/09/24 10:47	1
Diethyl phthalate	ND		150	43	ug/Kg		10/08/24 09:11	10/09/24 10:47	1
Dimethyl phthalate	ND		150	40	ug/Kg		10/08/24 09:11	10/09/24 10:47	1
Di-n-butyl phthalate	ND		150	51	ug/Kg		10/08/24 09:11	10/09/24 10:47	1
Di-n-octyl phthalate	ND		150	50	ug/Kg		10/08/24 09:11	10/09/24 10:47	1
Fluoranthene	ND		40	14	ug/Kg		10/08/24 09:11	10/09/24 10:47	1
Fluorene	ND		40	14	ug/Kg		10/08/24 09:11	10/09/24 10:47	1
Hexachlorobenzene	ND		40	14	ug/Kg		10/08/24 09:11	10/09/24 10:47	1
Hexachlorobutadiene	ND		100	21	ug/Kg		10/08/24 09:11	10/09/24 10:47	1
Hexachlorocyclopentadiene	ND		330	39	ug/Kg		10/08/24 09:11	10/09/24 10:47	1
Hexachloroethane	ND		100	32	ug/Kg		10/08/24 09:11	10/09/24 10:47	1
Indeno[1,2,3-cd]pyrene	ND		40	12	ug/Kg		10/08/24 09:11	10/09/24 10:47	1
Isophorone	ND		100	26	ug/Kg		10/08/24 09:11	10/09/24 10:47	1
N-Nitrosodi-n-propylamine	ND		100	37	ug/Kg		10/08/24 09:11	10/09/24 10:47	1
N-Nitrosodiphenylamine	ND		100	27	ug/Kg		10/08/24 09:11	10/09/24 10:47	1
Naphthalene	ND		40	13	ug/Kg		10/08/24 09:11	10/09/24 10:47	1
Nitrobenzene	ND		100	22	ug/Kg		10/08/24 09:11	10/09/24 10:47	1
Pentachlorophenol	ND		270	110	ug/Kg		10/08/24 09:11	10/09/24 10:47	1
Phenanthrene	ND		40	13	ug/Kg		10/08/24 09:11	10/09/24 10:47	1
Phenol	ND		100	38	ug/Kg		10/08/24 09:11	10/09/24 10:47	1
Pyrene	ND		40	16	ug/Kg		10/08/24 09:11	10/09/24 10:47	1
3 & 4 Methylphenol	ND		400	41	ug/Kg		10/08/24 09:11	10/09/24 10:47	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Terphenyl-d14 (Surr)	*67*		*37 - 120*	*10/08/24 09:11*	*10/09/24 10:47*	*1*
Phenol-d5 (Surr)	*71*		*29 - 120*	*10/08/24 09:11*	*10/09/24 10:47*	*1*
Nitrobenzene-d5 (Surr)	*64*		*28 - 120*	*10/08/24 09:11*	*10/09/24 10:47*	*1*
2-Fluorophenol (Surr)	*70*		*26 - 120*	*10/08/24 09:11*	*10/09/24 10:47*	*1*
2-Fluorobiphenyl (Surr)	*66*		*36 - 120*	*10/08/24 09:11*	*10/09/24 10:47*	*1*
2,4,6-Tribromophenol (Surr)	*68*		*10 - 120*	*10/08/24 09:11*	*10/09/24 10:47*	*1*

Lab Sample ID: LCS 240-629889/2-A
Matrix: Solid
Analysis Batch: 630030

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 629889

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
1,1'-Biphenyl	1330	962		ug/Kg		72	54 - 120
bis (2-chloroisopropyl) ether	1330	915		ug/Kg		69	42 - 120
2,4,5-Trichlorophenol	1330	942		ug/Kg		71	53 - 120
2,4,6-Trichlorophenol	1330	982		ug/Kg		74	53 - 120
2,4-Dichlorophenol	1330	923		ug/Kg		69	55 - 120
2,4-Dimethylphenol	1330	640		ug/Kg		48	39 - 120
2,4-Dinitrophenol	2670	798		ug/Kg		30	10 - 120
2,4-Dinitrotoluene	1330	1150		ug/Kg		86	56 - 120

Method: 8270E - Semivolatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: LCS 240-629889/2-A
Matrix: Solid
Analysis Batch: 630030

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 629889

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
2,6-Dinitrotoluene	1330	1100		ug/Kg		82	57 - 120
2-Chloronaphthalene	1330	940		ug/Kg		71	54 - 120
2-Chlorophenol	1330	920		ug/Kg		69	54 - 120
2-Methylnaphthalene	1330	945		ug/Kg		71	56 - 120
2-Methylphenol	1330	879		ug/Kg		66	51 - 120
2-Nitroaniline	1330	1130		ug/Kg		85	53 - 120
2-Nitrophenol	1330	1030		ug/Kg		77	51 - 120
3,3'-Dichlorobenzidine	2670	1420		ug/Kg		53	31 - 120
3-Nitroaniline	1330	848		ug/Kg		64	36 - 120
4,6-Dinitro-2-methylphenol	2670	1200		ug/Kg		45	10 - 120
4-Bromophenyl phenyl ether	1330	1010		ug/Kg		75	56 - 120
4-Chloro-3-methylphenol	1330	942		ug/Kg		71	55 - 120
4-Chloroaniline	1330	501		ug/Kg		38	23 - 120
4-Chlorophenyl phenyl ether	1330	982		ug/Kg		74	54 - 120
4-Nitroaniline	1330	1090		ug/Kg		81	46 - 120
4-Nitrophenol	2670	1980		ug/Kg		74	41 - 123
Acenaphthene	1330	943		ug/Kg		71	56 - 120
Acenaphthylene	1330	916		ug/Kg		69	54 - 120
Acetophenone	1330	911		ug/Kg		68	53 - 120
Anthracene	1330	1010		ug/Kg		76	59 - 120
Atrazine	2670	2160		ug/Kg		81	56 - 136
Benzaldehyde	2670	1750		ug/Kg		66	50 - 120
Benzo[a]anthracene	1330	970		ug/Kg		73	59 - 120
Benzo[a]pyrene	1330	1020		ug/Kg		76	54 - 120
Benzo[b]fluoranthene	1330	1040		ug/Kg		78	58 - 120
Benzo[g,h,i]perylene	1330	1070		ug/Kg		80	56 - 120
Benzo[k]fluoranthene	1330	975		ug/Kg		73	59 - 120
Bis(2-chloroethoxy)methane	1330	917		ug/Kg		69	53 - 120
Bis(2-chloroethyl)ether	1330	849		ug/Kg		64	45 - 120
Bis(2-ethylhexyl) phthalate	1330	1070		ug/Kg		80	52 - 120
Butyl benzyl phthalate	1330	1040		ug/Kg		78	54 - 120
Caprolactam	2670	2100		ug/Kg		79	55 - 120
Carbazole	1330	1120		ug/Kg		84	61 - 120
Chrysene	1330	947		ug/Kg		71	58 - 120
Dibenz(a,h)anthracene	1330	929		ug/Kg		70	54 - 120
Dibenzofuran	1330	944		ug/Kg		71	54 - 120
Diethyl phthalate	1330	1030		ug/Kg		77	58 - 120
Dimethyl phthalate	1330	1040		ug/Kg		78	58 - 120
Di-n-butyl phthalate	1330	1130		ug/Kg		85	54 - 124
Di-n-octyl phthalate	1330	948		ug/Kg		71	53 - 120
Fluoranthene	1330	1060		ug/Kg		80	59 - 120
Fluorene	1330	981		ug/Kg		74	56 - 120
Hexachlorobenzene	1330	979		ug/Kg		73	51 - 120
Hexachlorobutadiene	1330	891		ug/Kg		67	46 - 120
Hexachlorocyclopentadiene	1330	142	J *-	ug/Kg		11	12 - 120
Hexachloroethane	1330	874		ug/Kg		66	49 - 120
Indeno[1,2,3-cd]pyrene	1330	1080		ug/Kg		81	53 - 120
Isophorone	1330	917		ug/Kg		69	52 - 120
N-Nitrosodi-n-propylamine	1330	920		ug/Kg		69	52 - 120

Method: 8270E - Semivolatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: LCS 240-629889/2-A
Matrix: Solid
Analysis Batch: 630030

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 629889

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
N-Nitrosodiphenylamine	1330	1040		ug/Kg		78	58 - 120
Naphthalene	1330	877		ug/Kg		66	54 - 120
Nitrobenzene	1330	904		ug/Kg		68	52 - 120
Pentachlorophenol	2670	1680		ug/Kg		63	31 - 120
Phenanthrene	1330	985		ug/Kg		74	57 - 120
Phenol	1330	912		ug/Kg		68	48 - 120
Pyrene	1330	987		ug/Kg		74	59 - 120
3 & 4 Methylphenol	1330	939		ug/Kg		70	51 - 120

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
Terphenyl-d14 (Surr)	*63*		*37 - 120*
Phenol-d5 (Surr)	*67*		*29 - 120*
Nitrobenzene-d5 (Surr)	*63*		*28 - 120*
2-Fluorophenol (Surr)	*66*		*26 - 120*
2-Fluorobiphenyl (Surr)	*65*		*36 - 120*
2,4,6-Tribromophenol (Surr)	*72*		*10 - 120*

Lab Sample ID: 240-212566-19 MS
Matrix: Solid
Analysis Batch: 630030

Client Sample ID: T750-E-2.0
Prep Type: Total/NA
Prep Batch: 629889

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
1,1'-Biphenyl	ND		1680	1990		ug/Kg	☼	119	30 - 120
bis (2-chloroisopropyl) ether	ND		1680	1820		ug/Kg	☼	108	19 - 120
2,4,5-Trichlorophenol	ND	F1	1680	2080	F1	ug/Kg	☼	124	35 - 120
2,4,6-Trichlorophenol	ND		1680	1830		ug/Kg	☼	109	25 - 120
2,4-Dichlorophenol	ND		1680	1950		ug/Kg	☼	116	35 - 120
2,4-Dimethylphenol	ND		1680	1310		ug/Kg	☼	78	20 - 120
2,4-Dinitrophenol	ND	F1	3360	309	J F1	ug/Kg	☼	9	10 - 120
2,4-Dinitrotoluene	ND		1680	1830		ug/Kg	☼	109	24 - 122
2,6-Dinitrotoluene	ND		1680	1880		ug/Kg	☼	112	27 - 120
2-Chloronaphthalene	ND		1680	1940		ug/Kg	☼	116	33 - 120
2-Chlorophenol	ND		1680	1880		ug/Kg	☼	112	33 - 120
2-Methylnaphthalene	47	J	1680	1990		ug/Kg	☼	116	18 - 120
2-Methylphenol	ND		1680	1820		ug/Kg	☼	108	30 - 120
2-Nitroaniline	ND		1680	2090		ug/Kg	☼	124	13 - 128
2-Nitrophenol	ND		1680	1130		ug/Kg	☼	67	21 - 120
3,3'-Dichlorobenzidine	ND		3360	4460		ug/Kg	☼	133	10 - 143
3-Nitroaniline	ND	F1	1680	2200	F1	ug/Kg	☼	131	10 - 120
4,6-Dinitro-2-methylphenol	ND	F1	3360	168	J F1	ug/Kg	☼	5	10 - 120
4-Bromophenyl phenyl ether	ND	F1	1680	2050	F1	ug/Kg	☼	122	39 - 120
4-Chloro-3-methylphenol	ND		1680	2020		ug/Kg	☼	120	26 - 120
4-Chloroaniline	ND		1680	1510		ug/Kg	☼	90	19 - 120
4-Chlorophenyl phenyl ether	ND	F1	1680	2040	F1	ug/Kg	☼	122	37 - 120
4-Nitroaniline	ND	F1	1680	2140	F1	ug/Kg	☼	127	22 - 120
4-Nitrophenol	ND		3360	3730		ug/Kg	☼	111	18 - 124
Acenaphthene	41	J	1680	1990		ug/Kg	☼	116	26 - 120
Acenaphthylene	ND		1680	1950		ug/Kg	☼	116	25 - 120

Method: 8270E - Semivolatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: 240-212566-19 MS
Matrix: Solid
Analysis Batch: 630030

Client Sample ID: T750-E-2.0
Prep Type: Total/NA
Prep Batch: 629889

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Acetophenone	ND		1680	1850		ug/Kg	☼	110	32 - 120
Anthracene	60	F1	1680	2170	F1	ug/Kg	☼	126	25 - 121
Atrazine	ND		3360	4090		ug/Kg	☼	122	43 - 130
Benzaldehyde	ND		3360	3400		ug/Kg	☼	101	27 - 120
Benzo[a]anthracene	35	J	1680	2220		ug/Kg	☼	130	21 - 130
Benzo[a]pyrene	31	J	1680	2190		ug/Kg	☼	128	12 - 131
Benzo[b]fluoranthene	50		1680	2210		ug/Kg	☼	129	14 - 134
Benzo[g,h,i]perylene	ND	F1	1680	2470	F1	ug/Kg	☼	147	10 - 145
Benzo[k]fluoranthene	16	J	1680	2030		ug/Kg	☼	120	18 - 126
Bis(2-chloroethoxy)methane	ND		1680	2010		ug/Kg	☼	119	28 - 120
Bis(2-chloroethyl)ether	ND		1680	1850		ug/Kg	☼	110	23 - 120
Bis(2-ethylhexyl) phthalate	ND	F1	1680	2340	F1	ug/Kg	☼	139	24 - 131
Butyl benzyl phthalate	ND	F1	1680	2260	F1	ug/Kg	☼	135	41 - 120
Caprolactam	ND		3360	2670		ug/Kg	☼	80	28 - 120
Carbazole	ND	F1	1680	2200	F1	ug/Kg	☼	131	40 - 120
Chrysene	46	J	1680	2140		ug/Kg	☼	125	20 - 126
Dibenz(a,h)anthracene	ND		1680	2180		ug/Kg	☼	130	10 - 141
Dibenzofuran	60	J	1680	2060		ug/Kg	☼	119	35 - 120
Diethyl phthalate	ND	F1	1680	2060	F1	ug/Kg	☼	122	33 - 120
Dimethyl phthalate	ND	F1	1680	2080	F1	ug/Kg	☼	124	15 - 120
Di-n-butyl phthalate	ND	F1	1680	2310	F1	ug/Kg	☼	137	25 - 132
Di-n-octyl phthalate	ND	F1	1680	2100	F1	ug/Kg	☼	125	37 - 120
Fluoranthene	160	F1	1680	2580	F1	ug/Kg	☼	144	18 - 139
Fluorene	73	F1	1680	2200	F1	ug/Kg	☼	127	29 - 120
Hexachlorobenzene	ND		1680	1870		ug/Kg	☼	112	36 - 120
Hexachlorobutadiene	ND		1680	1580		ug/Kg	☼	94	18 - 120
Hexachlorocyclopentadiene	ND	*- F1	1680	ND	F1	ug/Kg	☼	0	10 - 120
Hexachloroethane	ND		1680	1190		ug/Kg	☼	71	14 - 120
Indeno[1,2,3-cd]pyrene	18	J F1	1680	2490	F1	ug/Kg	☼	147	10 - 143
Isophorone	ND		1680	1920		ug/Kg	☼	115	33 - 120
N-Nitrosodi-n-propylamine	ND		1680	1920		ug/Kg	☼	114	33 - 120
N-Nitrosodiphenylamine	ND	F1	1680	2130	F1	ug/Kg	☼	127	35 - 120
Naphthalene	31	J	1680	1850		ug/Kg	☼	108	17 - 120
Nitrobenzene	ND		1680	1720		ug/Kg	☼	103	25 - 120
Pentachlorophenol	ND	F2	3360	1350		ug/Kg	☼	40	10 - 120
Phenanthrene	240	F1	1680	2480	F1	ug/Kg	☼	133	18 - 122
Phenol	ND		1680	1890		ug/Kg	☼	112	29 - 120
Pyrene	100		1680	2310		ug/Kg	☼	131	18 - 136
3 & 4 Methylphenol	ND		1680	2020		ug/Kg	☼	120	30 - 120

Surrogate	*MS %Recovery*	*MS Qualifier*	*Limits*
Terphenyl-d14 (Surr)	*107*		*37 - 120*
Phenol-d5 (Surr)	*111*		*29 - 120*
Nitrobenzene-d5 (Surr)	*95*		*28 - 120*
2-Fluorophenol (Surr)	*107*		*26 - 120*
2-Fluorobiphenyl (Surr)	*110*		*36 - 120*
2,4,6-Tribromophenol (Surr)	*111*		*10 - 120*

Method: 8270E - Semivolatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: 240-212566-19 MSD
Matrix: Solid
Analysis Batch: 630030

Client Sample ID: T750-E-2.0
Prep Type: Total/NA
Prep Batch: 629889

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
1,1'-Biphenyl	ND		1680	1830		ug/Kg	☼	109	30 - 120	8	40
bis (2-chloroisopropyl) ether	ND		1680	1730		ug/Kg	☼	103	19 - 120	5	40
2,4,5-Trichlorophenol	ND	F1	1680	1860		ug/Kg	☼	111	35 - 120	11	40
2,4,6-Trichlorophenol	ND		1680	1620		ug/Kg	☼	97	25 - 120	12	40
2,4-Dichlorophenol	ND		1680	1880		ug/Kg	☼	112	35 - 120	4	40
2,4-Dimethylphenol	ND		1680	1350		ug/Kg	☼	80	20 - 120	3	40
2,4-Dinitrophenol	ND	F1	3350	306	J F1	ug/Kg	☼	9	10 - 120	1	40
2,4-Dinitrotoluene	ND		1680	1450		ug/Kg	☼	87	24 - 122	23	40
2,6-Dinitrotoluene	ND		1680	1520		ug/Kg	☼	91	27 - 120	21	40
2-Chloronaphthalene	ND		1680	1780		ug/Kg	☼	106	33 - 120	9	40
2-Chlorophenol	ND		1680	1810		ug/Kg	☼	108	33 - 120	4	40
2-Methylnaphthalene	47	J	1680	1910		ug/Kg	☼	111	18 - 120	4	40
2-Methylphenol	ND		1680	1840		ug/Kg	☼	110	30 - 120	1	40
2-Nitroaniline	ND		1680	1810		ug/Kg	☼	108	13 - 128	14	40
2-Nitrophenol	ND		1680	982		ug/Kg	☼	59	21 - 120	14	40
3,3'-Dichlorobenzidine	ND		3350	4310		ug/Kg	☼	129	10 - 143	3	40
3-Nitroaniline	ND	F1	1680	1870		ug/Kg	☼	112	10 - 120	16	40
4,6-Dinitro-2-methylphenol	ND	F1	3350	221	J F1	ug/Kg	☼	7	10 - 120	27	40
4-Bromophenyl phenyl ether	ND	F1	1680	1860		ug/Kg	☼	111	39 - 120	10	40
4-Chloro-3-methylphenol	ND		1680	1990		ug/Kg	☼	119	26 - 120	1	40
4-Chloroaniline	ND		1680	1570		ug/Kg	☼	93	19 - 120	3	40
4-Chlorophenyl phenyl ether	ND	F1	1680	1880		ug/Kg	☼	112	37 - 120	8	40
4-Nitroaniline	ND	F1	1680	1770		ug/Kg	☼	106	22 - 120	19	40
4-Nitrophenol	ND		3350	2960		ug/Kg	☼	88	18 - 124	23	40
Acenaphthene	41	J	1680	1830		ug/Kg	☼	107	26 - 120	8	40
Acenaphthylene	ND		1680	1870		ug/Kg	☼	111	25 - 120	4	40
Acetophenone	ND		1680	1790		ug/Kg	☼	107	32 - 120	3	40
Anthracene	60	F1	1680	2010		ug/Kg	☼	116	25 - 121	8	40
Atrazine	ND		3350	3990		ug/Kg	☼	119	43 - 130	3	40
Benzaldehyde	ND		3350	3050		ug/Kg	☼	91	27 - 120	11	40
Benzo[a]anthracene	35	J	1680	2090		ug/Kg	☼	123	21 - 130	6	40
Benzo[a]pyrene	31	J	1680	2040		ug/Kg	☼	120	12 - 131	7	40
Benzo[b]fluoranthene	50		1680	2020		ug/Kg	☼	118	14 - 134	9	40
Benzo[g,h,i]perylene	ND	F1	1680	2200		ug/Kg	☼	131	10 - 145	12	40
Benzo[k]fluoranthene	16	J	1680	1980		ug/Kg	☼	117	18 - 126	3	40
Bis(2-chloroethoxy)methane	ND		1680	1910		ug/Kg	☼	114	28 - 120	5	40
Bis(2-chloroethyl)ether	ND		1680	1730		ug/Kg	☼	103	23 - 120	7	40
Bis(2-ethylhexyl) phthalate	ND	F1	1680	2120		ug/Kg	☼	127	24 - 131	10	40
Butyl benzyl phthalate	ND	F1	1680	2180	F1	ug/Kg	☼	130	41 - 120	4	40
Caprolactam	ND		3350	2250		ug/Kg	☼	67	28 - 120	17	35
Carbazole	ND	F1	1680	2170	F1	ug/Kg	☼	129	40 - 120	2	40
Chrysene	46	J	1680	2050		ug/Kg	☼	120	20 - 126	4	40
Dibenz(a,h)anthracene	ND		1680	1980		ug/Kg	☼	118	10 - 141	10	40
Dibenzofuran	60	J	1680	1900		ug/Kg	☼	110	35 - 120	8	40
Diethyl phthalate	ND	F1	1680	1930		ug/Kg	☼	115	33 - 120	6	40
Dimethyl phthalate	ND	F1	1680	2000		ug/Kg	☼	120	15 - 120	4	40
Di-n-butyl phthalate	ND	F1	1680	2210		ug/Kg	☼	132	25 - 132	4	40
Di-n-octyl phthalate	ND	F1	1680	1860		ug/Kg	☼	111	37 - 120	13	40

Method: 8270E - Semivolatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: 240-212566-19 MSD
Matrix: Solid
Analysis Batch: 630030

Client Sample ID: T750-E-2.0
Prep Type: Total/NA
Prep Batch: 629889

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Fluoranthene	160	F1	1680	2360		ug/Kg	☼	132	18 - 139	9	40
Fluorene	73	F1	1680	1990		ug/Kg	☼	114	29 - 120	10	40
Hexachlorobenzene	ND		1680	1730		ug/Kg	☼	103	36 - 120	8	40
Hexachlorobutadiene	ND		1680	1430		ug/Kg	☼	86	18 - 120	10	40
Hexachlorocyclopentadiene	ND	*- F1	1680	ND	F1	ug/Kg	☼	0	10 - 120	NC	40
Hexachloroethane	ND		1680	946		ug/Kg	☼	56	14 - 120	23	40
Indeno[1,2,3-cd]pyrene	18	J F1	1680	2290		ug/Kg	☼	136	10 - 143	8	40
Isophorone	ND		1680	1860		ug/Kg	☼	111	33 - 120	3	40
N-Nitrosodi-n-propylamine	ND		1680	1840		ug/Kg	☼	110	33 - 120	4	40
N-Nitrosodiphenylamine	ND	F1	1680	2010		ug/Kg	☼	120	35 - 120	6	40
Naphthalene	31	J	1680	1690		ug/Kg	☼	99	17 - 120	9	40
Nitrobenzene	ND		1680	1470		ug/Kg	☼	88	25 - 120	16	40
Pentachlorophenol	ND	F2	3350	892	F2	ug/Kg	☼	27	10 - 120	41	40
Phenanthrene	240	F1	1680	2180		ug/Kg	☼	116	18 - 122	13	40
Phenol	ND		1680	1740		ug/Kg	☼	104	29 - 120	8	40
Pyrene	100		1680	2140		ug/Kg	☼	122	18 - 136	8	40
3 & 4 Methylphenol	ND		1680	1880		ug/Kg	☼	112	30 - 120	7	40

Surrogate	*MSD %Recovery*	*MSD Qualifier*	*Limits*
Terphenyl-d14 (Surr)	*98*		*37 - 120*
Phenol-d5 (Surr)	*102*		*29 - 120*
Nitrobenzene-d5 (Surr)	*80*		*28 - 120*
2-Fluorophenol (Surr)	*99*		*26 - 120*
2-Fluorobiphenyl (Surr)	*97*		*36 - 120*
2,4,6-Tribromophenol (Surr)	*99*		*10 - 120*

Lab Sample ID: MB 240-629899/23-A
Matrix: Solid
Analysis Batch: 630030

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 629899

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1'-Biphenyl	ND		100	28	ug/Kg		10/08/24 09:30	10/09/24 09:58	1
bis (2-chloroisopropyl) ether	ND		100	26	ug/Kg		10/08/24 09:30	10/09/24 09:58	1
2,4,5-Trichlorophenol	ND		150	33	ug/Kg		10/08/24 09:30	10/09/24 09:58	1
2,4,6-Trichlorophenol	ND		150	29	ug/Kg		10/08/24 09:30	10/09/24 09:58	1
2,4-Dichlorophenol	ND		150	27	ug/Kg		10/08/24 09:30	10/09/24 09:58	1
2,4-Dimethylphenol	ND		150	36	ug/Kg		10/08/24 09:30	10/09/24 09:58	1
2,4-Dinitrophenol	ND		330	170	ug/Kg		10/08/24 09:30	10/09/24 09:58	1
2,4-Dinitrotoluene	ND		200	23	ug/Kg		10/08/24 09:30	10/09/24 09:58	1
2,6-Dinitrotoluene	ND		200	36	ug/Kg		10/08/24 09:30	10/09/24 09:58	1
2-Chloronaphthalene	ND		100	28	ug/Kg		10/08/24 09:30	10/09/24 09:58	1
2-Chlorophenol	ND		100	26	ug/Kg		10/08/24 09:30	10/09/24 09:58	1
2-Methylnaphthalene	ND		40	13	ug/Kg		10/08/24 09:30	10/09/24 09:58	1
2-Methylphenol	ND		200	41	ug/Kg		10/08/24 09:30	10/09/24 09:58	1
2-Nitroaniline	ND		200	38	ug/Kg		10/08/24 09:30	10/09/24 09:58	1
2-Nitrophenol	ND		100	35	ug/Kg		10/08/24 09:30	10/09/24 09:58	1
3,3'-Dichlorobenzidine	ND		150	95	ug/Kg		10/08/24 09:30	10/09/24 09:58	1
3-Nitroaniline	ND		200	35	ug/Kg		10/08/24 09:30	10/09/24 09:58	1

Method: 8270E - Semivolatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: MB 240-629899/23-A
Matrix: Solid
Analysis Batch: 630030

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 629899

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
4,6-Dinitro-2-methylphenol	ND		330	100	ug/Kg		10/08/24 09:30	10/09/24 09:58	1
4-Bromophenyl phenyl ether	ND		100	32	ug/Kg		10/08/24 09:30	10/09/24 09:58	1
4-Chloro-3-methylphenol	ND		150	38	ug/Kg		10/08/24 09:30	10/09/24 09:58	1
4-Chloroaniline	ND		150	16	ug/Kg		10/08/24 09:30	10/09/24 09:58	1
4-Chlorophenyl phenyl ether	ND		100	28	ug/Kg		10/08/24 09:30	10/09/24 09:58	1
4-Nitroaniline	ND		200	26	ug/Kg		10/08/24 09:30	10/09/24 09:58	1
4-Nitrophenol	ND		330	90	ug/Kg		10/08/24 09:30	10/09/24 09:58	1
Acenaphthene	ND		40	14	ug/Kg		10/08/24 09:30	10/09/24 09:58	1
Acenaphthylene	ND		40	15	ug/Kg		10/08/24 09:30	10/09/24 09:58	1
Acetophenone	ND		100	25	ug/Kg		10/08/24 09:30	10/09/24 09:58	1
Anthracene	ND		40	12	ug/Kg		10/08/24 09:30	10/09/24 09:58	1
Atrazine	ND		330	69	ug/Kg		10/08/24 09:30	10/09/24 09:58	1
Benzaldehyde	ND		330	56	ug/Kg		10/08/24 09:30	10/09/24 09:58	1
Benzo[a]anthracene	ND		40	15	ug/Kg		10/08/24 09:30	10/09/24 09:58	1
Benzo[a]pyrene	ND		40	14	ug/Kg		10/08/24 09:30	10/09/24 09:58	1
Benzo[b]fluoranthene	ND		40	12	ug/Kg		10/08/24 09:30	10/09/24 09:58	1
Benzo[g,h,i]perylene	ND		40	27	ug/Kg		10/08/24 09:30	10/09/24 09:58	1
Benzo[k]fluoranthene	ND		40	10	ug/Kg		10/08/24 09:30	10/09/24 09:58	1
Bis(2-chloroethoxy)methane	ND		100	20	ug/Kg		10/08/24 09:30	10/09/24 09:58	1
Bis(2-chloroethyl)ether	ND		100	22	ug/Kg		10/08/24 09:30	10/09/24 09:58	1
Bis(2-ethylhexyl) phthalate	ND		150	56	ug/Kg		10/08/24 09:30	10/09/24 09:58	1
Butyl benzyl phthalate	ND		150	51	ug/Kg		10/08/24 09:30	10/09/24 09:58	1
Caprolactam	ND		330	69	ug/Kg		10/08/24 09:30	10/09/24 09:58	1
Carbazole	ND		100	27	ug/Kg		10/08/24 09:30	10/09/24 09:58	1
Chrysene	ND		40	14	ug/Kg		10/08/24 09:30	10/09/24 09:58	1
Dibenz(a,h)anthracene	ND		40	15	ug/Kg		10/08/24 09:30	10/09/24 09:58	1
Dibenzofuran	ND		100	29	ug/Kg		10/08/24 09:30	10/09/24 09:58	1
Diethyl phthalate	ND		150	43	ug/Kg		10/08/24 09:30	10/09/24 09:58	1
Dimethyl phthalate	ND		150	40	ug/Kg		10/08/24 09:30	10/09/24 09:58	1
Di-n-butyl phthalate	ND		150	51	ug/Kg		10/08/24 09:30	10/09/24 09:58	1
Di-n-octyl phthalate	ND		150	50	ug/Kg		10/08/24 09:30	10/09/24 09:58	1
Fluoranthene	ND		40	14	ug/Kg		10/08/24 09:30	10/09/24 09:58	1
Fluorene	ND		40	14	ug/Kg		10/08/24 09:30	10/09/24 09:58	1
Hexachlorobenzene	ND		40	14	ug/Kg		10/08/24 09:30	10/09/24 09:58	1
Hexachlorobutadiene	ND		100	21	ug/Kg		10/08/24 09:30	10/09/24 09:58	1
Hexachlorocyclopentadiene	ND		330	39	ug/Kg		10/08/24 09:30	10/09/24 09:58	1
Hexachloroethane	ND		100	32	ug/Kg		10/08/24 09:30	10/09/24 09:58	1
Indeno[1,2,3-cd]pyrene	ND		40	12	ug/Kg		10/08/24 09:30	10/09/24 09:58	1
Isophorone	ND		100	26	ug/Kg		10/08/24 09:30	10/09/24 09:58	1
N-Nitrosodi-n-propylamine	ND		100	37	ug/Kg		10/08/24 09:30	10/09/24 09:58	1
N-Nitrosodiphenylamine	ND		100	27	ug/Kg		10/08/24 09:30	10/09/24 09:58	1
Naphthalene	ND		40	13	ug/Kg		10/08/24 09:30	10/09/24 09:58	1
Nitrobenzene	ND		100	22	ug/Kg		10/08/24 09:30	10/09/24 09:58	1
Pentachlorophenol	ND		270	110	ug/Kg		10/08/24 09:30	10/09/24 09:58	1
Phenanthrene	ND		40	13	ug/Kg		10/08/24 09:30	10/09/24 09:58	1
Phenol	ND		100	38	ug/Kg		10/08/24 09:30	10/09/24 09:58	1
Pyrene	ND		40	16	ug/Kg		10/08/24 09:30	10/09/24 09:58	1
3 & 4 Methylphenol	ND		400	41	ug/Kg		10/08/24 09:30	10/09/24 09:58	1

Method: 8270E - Semivolatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: MB 240-629899/23-A
Matrix: Solid
Analysis Batch: 630030

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 629899

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
Terphenyl-d14 (Surr)	77		37 - 120	10/08/24 09:30	10/09/24 09:58	1
Phenol-d5 (Surr)	81		29 - 120	10/08/24 09:30	10/09/24 09:58	1
Nitrobenzene-d5 (Surr)	73		28 - 120	10/08/24 09:30	10/09/24 09:58	1
2-Fluorophenol (Surr)	79		26 - 120	10/08/24 09:30	10/09/24 09:58	1
2-Fluorobiphenyl (Surr)	77		36 - 120	10/08/24 09:30	10/09/24 09:58	1
2,4,6-Tribromophenol (Surr)	76		10 - 120	10/08/24 09:30	10/09/24 09:58	1

Lab Sample ID: LCS 240-629899/24-A
Matrix: Solid
Analysis Batch: 630030

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 629899

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
1,1'-Biphenyl	1330	975		ug/Kg		73	54 - 120
bis (2-chloroisopropyl) ether	1330	973		ug/Kg		73	42 - 120
2,4,5-Trichlorophenol	1330	929		ug/Kg		70	53 - 120
2,4,6-Trichlorophenol	1330	1010		ug/Kg		76	53 - 120
2,4-Dichlorophenol	1330	1030		ug/Kg		77	55 - 120
2,4-Dimethylphenol	1330	711		ug/Kg		53	39 - 120
2,4-Dinitrophenol	2670	1250		ug/Kg		47	10 - 120
2,4-Dinitrotoluene	1330	1180		ug/Kg		89	56 - 120
2,6-Dinitrotoluene	1330	1140		ug/Kg		85	57 - 120
2-Chloronaphthalene	1330	978		ug/Kg		73	54 - 120
2-Chlorophenol	1330	971		ug/Kg		73	54 - 120
2-Methylnaphthalene	1330	1030		ug/Kg		77	56 - 120
2-Methylphenol	1330	1010		ug/Kg		75	51 - 120
2-Nitroaniline	1330	1190		ug/Kg		89	53 - 120
2-Nitrophenol	1330	1100		ug/Kg		82	51 - 120
3,3'-Dichlorobenzidine	2670	1530		ug/Kg		57	31 - 120
3-Nitroaniline	1330	834		ug/Kg		63	36 - 120
4,6-Dinitro-2-methylphenol	2670	1660		ug/Kg		62	10 - 120
4-Bromophenyl phenyl ether	1330	1060		ug/Kg		80	56 - 120
4-Chloro-3-methylphenol	1330	1020		ug/Kg		76	55 - 120
4-Chloroaniline	1330	524		ug/Kg		39	23 - 120
4-Chlorophenyl phenyl ether	1330	1030		ug/Kg		77	54 - 120
4-Nitroaniline	1330	1160		ug/Kg		87	46 - 120
4-Nitrophenol	2670	2080		ug/Kg		78	41 - 123
Acenaphthene	1330	1000		ug/Kg		75	56 - 120
Acenaphthylene	1330	979		ug/Kg		73	54 - 120
Acetophenone	1330	942		ug/Kg		71	53 - 120
Anthracene	1330	1050		ug/Kg		79	59 - 120
Atrazine	2670	2270		ug/Kg		85	56 - 136
Benzaldehyde	2670	1740		ug/Kg		65	50 - 120
Benzo[a]anthracene	1330	1080		ug/Kg		81	59 - 120
Benzo[a]pyrene	1330	1080		ug/Kg		81	54 - 120
Benzo[b]fluoranthene	1330	1120		ug/Kg		84	58 - 120
Benzo[g,h,i]perylene	1330	1160		ug/Kg		87	56 - 120
Benzo[k]fluoranthene	1330	1030		ug/Kg		77	59 - 120
Bis(2-chloroethoxy)methane	1330	967		ug/Kg		73	53 - 120

Method: 8270E - Semivolatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: LCS 240-629899/24-A
Matrix: Solid
Analysis Batch: 630030

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 629899

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Bis(2-chloroethyl)ether	1330	925		ug/Kg		69	45 - 120
Bis(2-ethylhexyl) phthalate	1330	1190		ug/Kg		89	52 - 120
Butyl benzyl phthalate	1330	1140		ug/Kg		85	54 - 120
Caprolactam	2670	2360		ug/Kg		88	55 - 120
Carbazole	1330	1170		ug/Kg		88	61 - 120
Chrysene	1330	1060		ug/Kg		80	58 - 120
Dibenz(a,h)anthracene	1330	1020		ug/Kg		77	54 - 120
Dibenzofuran	1330	980		ug/Kg		74	54 - 120
Diethyl phthalate	1330	1090		ug/Kg		82	58 - 120
Dimethyl phthalate	1330	1070		ug/Kg		81	58 - 120
Di-n-butyl phthalate	1330	1200		ug/Kg		90	54 - 124
Di-n-octyl phthalate	1330	1040		ug/Kg		78	53 - 120
Fluoranthene	1330	1140		ug/Kg		85	59 - 120
Fluorene	1330	1030		ug/Kg		77	56 - 120
Hexachlorobenzene	1330	1020		ug/Kg		77	51 - 120
Hexachlorobutadiene	1330	954		ug/Kg		72	46 - 120
Hexachlorocyclopentadiene	1330	288	J	ug/Kg		22	12 - 120
Hexachloroethane	1330	946		ug/Kg		71	49 - 120
Indeno[1,2,3-cd]pyrene	1330	1200		ug/Kg		90	53 - 120
Isophorone	1330	987		ug/Kg		74	52 - 120
N-Nitrosodi-n-propylamine	1330	976		ug/Kg		73	52 - 120
N-Nitrosodiphenylamine	1330	1100		ug/Kg		82	58 - 120
Naphthalene	1330	956		ug/Kg		72	54 - 120
Nitrobenzene	1330	992		ug/Kg		74	52 - 120
Pentachlorophenol	2670	1730		ug/Kg		65	31 - 120
Phenanthrene	1330	1040		ug/Kg		78	57 - 120
Phenol	1330	969		ug/Kg		73	48 - 120
Pyrene	1330	1070		ug/Kg		80	59 - 120
3 & 4 Methylphenol	1330	1020		ug/Kg		76	51 - 120

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
Terphenyl-d14 (Surr)	*69*		*37 - 120*
Phenol-d5 (Surr)	*71*		*29 - 120*
Nitrobenzene-d5 (Surr)	*69*		*28 - 120*
2-Fluorophenol (Surr)	*70*		*26 - 120*
2-Fluorobiphenyl (Surr)	*69*		*36 - 120*
2,4,6-Tribromophenol (Surr)	*77*		*10 - 120*

Lab Sample ID: 240-212566-23 MS
Matrix: Solid
Analysis Batch: 630181

Client Sample ID: T1125-E-2.0
Prep Type: Total/NA
Prep Batch: 629899

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
1,1'-Biphenyl	ND		1600	1340		ug/Kg	☼	84	30 - 120
bis (2-chloroisopropyl) ether	ND		1600	1220		ug/Kg	☼	77	19 - 120
2,4,5-Trichlorophenol	ND		1600	1510		ug/Kg	☼	95	35 - 120
2,4,6-Trichlorophenol	ND		1600	1360		ug/Kg	☼	85	25 - 120
2,4-Dichlorophenol	ND		1600	1470		ug/Kg	☼	92	35 - 120

Method: 8270E - Semivolatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: 240-212566-23 MS
Matrix: Solid
Analysis Batch: 630181

Client Sample ID: T1125-E-2.0
Prep Type: Total/NA
Prep Batch: 629899

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
2,4-Dimethylphenol	ND		1600	942		ug/Kg	☼	59	20 - 120
2,4-Dinitrophenol	ND		3190	319	J	ug/Kg	☼	10	10 - 120
2,4-Dinitrotoluene	ND		1600	1610		ug/Kg	☼	101	24 - 122
2,6-Dinitrotoluene	ND		1600	1580		ug/Kg	☼	99	27 - 120
2-Chloronaphthalene	ND		1600	1320		ug/Kg	☼	82	33 - 120
2-Chlorophenol	ND		1600	1460		ug/Kg	☼	91	33 - 120
2-Methylnaphthalene	ND		1600	1390		ug/Kg	☼	87	18 - 120
2-Methylphenol	ND		1600	1410		ug/Kg	☼	89	30 - 120
2-Nitroaniline	ND		1600	1660		ug/Kg	☼	104	13 - 128
2-Nitrophenol	ND		1600	1150		ug/Kg	☼	72	21 - 120
3,3'-Dichlorobenzidine	ND		3190	4020		ug/Kg	☼	126	10 - 143
3-Nitroaniline	ND		1600	1750		ug/Kg	☼	110	10 - 120
4,6-Dinitro-2-methylphenol	ND		3190	356	J	ug/Kg	☼	11	10 - 120
4-Bromophenyl phenyl ether	ND		1600	1630		ug/Kg	☼	102	39 - 120
4-Chloro-3-methylphenol	ND		1600	1560		ug/Kg	☼	98	26 - 120
4-Chloroaniline	ND		1600	1290		ug/Kg	☼	81	19 - 120
4-Chlorophenyl phenyl ether	ND		1600	1540		ug/Kg	☼	97	37 - 120
4-Nitroaniline	ND		1600	1880		ug/Kg	☼	118	22 - 120
4-Nitrophenol	ND		3190	2630		ug/Kg	☼	82	18 - 124
Acenaphthene	ND		1600	1400		ug/Kg	☼	87	26 - 120
Acenaphthylene	ND		1600	1440		ug/Kg	☼	90	25 - 120
Acetophenone	ND		1600	1380		ug/Kg	☼	86	32 - 120
Anthracene	ND		1600	1720		ug/Kg	☼	108	25 - 121
Atrazine	ND		3190	3660		ug/Kg	☼	115	43 - 130
Benzaldehyde	ND		3190	2190		ug/Kg	☼	68	27 - 120
Benzo[a]anthracene	ND		1600	1850		ug/Kg	☼	116	21 - 130
Benzo[a]pyrene	ND		1600	1780		ug/Kg	☼	112	12 - 131
Benzo[b]fluoranthene	31	J	1600	1830		ug/Kg	☼	113	14 - 134
Benzo[g,h,i]perylene	ND		1600	2050		ug/Kg	☼	128	10 - 145
Benzo[k]fluoranthene	ND		1600	1610		ug/Kg	☼	101	18 - 126
Bis(2-chloroethoxy)methane	ND		1600	1410		ug/Kg	☼	88	28 - 120
Bis(2-chloroethyl)ether	ND		1600	1250		ug/Kg	☼	79	23 - 120
Bis(2-ethylhexyl) phthalate	ND		1600	1860		ug/Kg	☼	117	24 - 131
Butyl benzyl phthalate	ND		1600	1850		ug/Kg	☼	116	41 - 120
Caprolactam	ND		3190	2710		ug/Kg	☼	85	28 - 120
Carbazole	ND	F1	1600	1930	F1	ug/Kg	☼	121	40 - 120
Chrysene	23	J	1600	1790		ug/Kg	☼	110	20 - 126
Dibenz(a,h)anthracene	ND		1600	1750		ug/Kg	☼	110	10 - 141
Dibenzofuran	ND		1600	1470		ug/Kg	☼	92	35 - 120
Diethyl phthalate	ND		1600	1650		ug/Kg	☼	103	33 - 120
Dimethyl phthalate	ND		1600	1680		ug/Kg	☼	105	15 - 120
Di-n-butyl phthalate	ND		1600	1940		ug/Kg	☼	122	25 - 132
Di-n-octyl phthalate	ND		1600	1600		ug/Kg	☼	100	37 - 120
Fluoranthene	29	J	1600	1890		ug/Kg	☼	117	18 - 139
Fluorene	ND		1600	1540		ug/Kg	☼	97	29 - 120
Hexachlorobenzene	ND		1600	1560		ug/Kg	☼	98	36 - 120
Hexachlorobutadiene	ND		1600	996		ug/Kg	☼	62	18 - 120
Hexachlorocyclopentadiene	ND	F1	1600	ND	F1	ug/Kg	☼	0	10 - 120
Hexachloroethane	ND		1600	717		ug/Kg	☼	45	14 - 120

Method: 8270E - Semivolatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: 240-212566-23 MS
Matrix: Solid
Analysis Batch: 630181

Client Sample ID: T1125-E-2.0
Prep Type: Total/NA
Prep Batch: 629899

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Indeno[1,2,3-cd]pyrene	17	J	1600	2020		ug/Kg	☼	126	10 - 143
Isophorone	ND		1600	1450		ug/Kg	☼	91	33 - 120
N-Nitrosodi-n-propylamine	ND		1600	1400		ug/Kg	☼	88	33 - 120
N-Nitrosodiphenylamine	ND		1600	1760		ug/Kg	☼	110	35 - 120
Naphthalene	ND		1600	1210		ug/Kg	☼	76	17 - 120
Nitrobenzene	ND		1600	1210		ug/Kg	☼	76	25 - 120
Pentachlorophenol	ND		3190	1340		ug/Kg	☼	42	10 - 120
Phenanthrene	30	J	1600	1720		ug/Kg	☼	106	18 - 122
Phenol	ND		1600	1440		ug/Kg	☼	90	29 - 120
Pyrene	23	J	1600	1770		ug/Kg	☼	109	18 - 136
3 & 4 Methylphenol	ND		1600	1560		ug/Kg	☼	98	30 - 120

Surrogate	*MS %Recovery*	*MS Qualifier*	*Limits*
Terphenyl-d14 (Surr)	*91*		*37 - 120*
Phenol-d5 (Surr)	*92*		*29 - 120*
Nitrobenzene-d5 (Surr)	*65*		*28 - 120*
2-Fluorophenol (Surr)	*81*		*26 - 120*
2-Fluorobiphenyl (Surr)	*77*		*36 - 120*
2,4,6-Tribromophenol (Surr)	*87*		*10 - 120*

Lab Sample ID: 240-212566-23 MSD
Matrix: Solid
Analysis Batch: 630181

Client Sample ID: T1125-E-2.0
Prep Type: Total/NA
Prep Batch: 629899

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
1,1'-Biphenyl	ND		1580	1520		ug/Kg	☼	96	30 - 120	12	40
bis (2-chloroisopropyl) ether	ND		1580	1400		ug/Kg	☼	88	19 - 120	13	40
2,4,5-Trichlorophenol	ND		1580	1370		ug/Kg	☼	87	35 - 120	10	40
2,4,6-Trichlorophenol	ND		1580	1210		ug/Kg	☼	76	25 - 120	12	40
2,4-Dichlorophenol	ND		1580	1460		ug/Kg	☼	92	35 - 120	1	40
2,4-Dimethylphenol	ND		1580	820		ug/Kg	☼	52	20 - 120	14	40
2,4-Dinitrophenol	ND		3170	390		ug/Kg	☼	12	10 - 120	20	40
2,4-Dinitrotoluene	ND		1580	1610		ug/Kg	☼	101	24 - 122	0	40
2,6-Dinitrotoluene	ND		1580	1660		ug/Kg	☼	105	27 - 120	5	40
2-Chloronaphthalene	ND		1580	1510		ug/Kg	☼	95	33 - 120	14	40
2-Chlorophenol	ND		1580	1510		ug/Kg	☼	95	33 - 120	3	40
2-Methylnaphthalene	ND		1580	1530		ug/Kg	☼	97	18 - 120	10	40
2-Methylphenol	ND		1580	1450		ug/Kg	☼	91	30 - 120	2	40
2-Nitroaniline	ND		1580	1710		ug/Kg	☼	108	13 - 128	3	40
2-Nitrophenol	ND		1580	1130		ug/Kg	☼	71	21 - 120	2	40
3,3'-Dichlorobenzidine	ND		3170	3910		ug/Kg	☼	123	10 - 143	3	40
3-Nitroaniline	ND		1580	1810		ug/Kg	☼	114	10 - 120	3	40
4,6-Dinitro-2-methylphenol	ND		3170	512		ug/Kg	☼	16	10 - 120	36	40
4-Bromophenyl phenyl ether	ND		1580	1710		ug/Kg	☼	108	39 - 120	5	40
4-Chloro-3-methylphenol	ND		1580	1550		ug/Kg	☼	98	26 - 120	1	40
4-Chloroaniline	ND		1580	1280		ug/Kg	☼	81	19 - 120	1	40
4-Chlorophenyl phenyl ether	ND		1580	1650		ug/Kg	☼	104	37 - 120	7	40
4-Nitroaniline	ND		1580	1870		ug/Kg	☼	118	22 - 120	0	40

Method: 8270E - Semivolatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: 240-212566-23 MSD
Matrix: Solid
Analysis Batch: 630181

Client Sample ID: T1125-E-2.0
Prep Type: Total/NA
Prep Batch: 629899

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
4-Nitrophenol	ND		3170	2270		ug/Kg	☼	71	18 - 124	15	40
Acenaphthene	ND		1580	1630		ug/Kg	☼	103	26 - 120	15	40
Acenaphthylene	ND		1580	1590		ug/Kg	☼	101	25 - 120	10	40
Acetophenone	ND		1580	1460		ug/Kg	☼	92	32 - 120	6	40
Anthracene	ND		1580	1710		ug/Kg	☼	108	25 - 121	0	40
Atrazine	ND		3170	3610		ug/Kg	☼	114	43 - 130	1	40
Benzaldehyde	ND		3170	2490		ug/Kg	☼	79	27 - 120	13	40
Benzo[a]anthracene	ND		1580	1790		ug/Kg	☼	113	21 - 130	3	40
Benzo[a]pyrene	ND		1580	1810		ug/Kg	☼	114	12 - 131	1	40
Benzo[b]fluoranthene	31	J	1580	1860		ug/Kg	☼	115	14 - 134	2	40
Benzo[g,h,i]perylene	ND		1580	2100		ug/Kg	☼	132	10 - 145	2	40
Benzo[k]fluoranthene	ND		1580	1660		ug/Kg	☼	105	18 - 126	3	40
Bis(2-chloroethoxy)methane	ND		1580	1530		ug/Kg	☼	96	28 - 120	8	40
Bis(2-chloroethyl)ether	ND		1580	1400		ug/Kg	☼	89	23 - 120	11	40
Bis(2-ethylhexyl) phthalate	ND		1580	1860		ug/Kg	☼	117	24 - 131	0	40
Butyl benzyl phthalate	ND		1580	1830		ug/Kg	☼	115	41 - 120	1	40
Caprolactam	ND		3170	2560		ug/Kg	☼	81	28 - 120	6	35
Carbazole	ND	F1	1580	1900		ug/Kg	☼	120	40 - 120	1	40
Chrysene	23	J	1580	1770		ug/Kg	☼	110	20 - 126	1	40
Dibenz(a,h)anthracene	ND		1580	1840		ug/Kg	☼	116	10 - 141	5	40
Dibenzofuran	ND		1580	1660		ug/Kg	☼	105	35 - 120	12	40
Diethyl phthalate	ND		1580	1710		ug/Kg	☼	108	33 - 120	4	40
Dimethyl phthalate	ND		1580	1700		ug/Kg	☼	107	15 - 120	2	40
Di-n-butyl phthalate	ND		1580	1910		ug/Kg	☼	120	25 - 132	2	40
Di-n-octyl phthalate	ND		1580	1610		ug/Kg	☼	102	37 - 120	1	40
Fluoranthene	29	J	1580	1890		ug/Kg	☼	118	18 - 139	0	40
Fluorene	ND		1580	1660		ug/Kg	☼	105	29 - 120	7	40
Hexachlorobenzene	ND		1580	1650		ug/Kg	☼	104	36 - 120	6	40
Hexachlorobutadiene	ND		1580	1230		ug/Kg	☼	78	18 - 120	21	40
Hexachlorocyclopentadiene	ND	F1	1580	ND	F1	ug/Kg	☼	0	10 - 120	NC	40
Hexachloroethane	ND		1580	928		ug/Kg	☼	59	14 - 120	26	40
Indeno[1,2,3-cd]pyrene	17	J	1580	2140		ug/Kg	☼	134	10 - 143	6	40
Isophorone	ND		1580	1510		ug/Kg	☼	95	33 - 120	4	40
N-Nitrosodi-n-propylamine	ND		1580	1490		ug/Kg	☼	94	33 - 120	6	40
N-Nitrosodiphenylamine	ND		1580	1730		ug/Kg	☼	109	35 - 120	1	40
Naphthalene	ND		1580	1400		ug/Kg	☼	89	17 - 120	15	40
Nitrobenzene	ND		1580	1320		ug/Kg	☼	83	25 - 120	9	40
Pentachlorophenol	ND		3170	1430		ug/Kg	☼	45	10 - 120	6	40
Phenanthrene	30	J	1580	1700		ug/Kg	☼	106	18 - 122	1	40
Phenol	ND		1580	1450		ug/Kg	☼	92	29 - 120	0	40
Pyrene	23	J	1580	1700		ug/Kg	☼	106	18 - 136	4	40
3 & 4 Methylphenol	ND		1580	1380		ug/Kg	☼	87	30 - 120	12	40

Surrogate	*MSD %Recovery*	*MSD Qualifier*	*Limits*
Terphenyl-d14 (Surr)	*91*		*37 - 120*
Phenol-d5 (Surr)	*92*		*29 - 120*
Nitrobenzene-d5 (Surr)	*77*		*28 - 120*
2-Fluorophenol (Surr)	*85*		*26 - 120*

Method: 8270E - Semivolatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: 240-212566-23 MSD
Matrix: Solid
Analysis Batch: 630181

Client Sample ID: T1125-E-2.0
Prep Type: Total/NA
Prep Batch: 629899

Surrogate	MSD %Recovery	MSD Qualifier	Limits
2-Fluorobiphenyl (Surr)	*90*		*36 - 120*
2,4,6-Tribromophenol (Surr)	*80*		*10 - 120*

Lab Sample ID: 240-212566-25 MS
Matrix: Solid
Analysis Batch: 630406

Client Sample ID: T1125-W-2.0
Prep Type: Total/NA
Prep Batch: 629899

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
1,1'-Biphenyl	ND		1660	1760		ug/Kg	☼	106	30 - 120
bis (2-chloroisopropyl) ether	ND	F1	1660	2110	F1	ug/Kg	☼	126	19 - 120
2,4,5-Trichlorophenol	ND		1660	1660		ug/Kg	☼	100	35 - 120
2,4,6-Trichlorophenol	ND		1660	1260		ug/Kg	☼	76	25 - 120
2,4-Dichlorophenol	ND		1660	1840		ug/Kg	☼	110	35 - 120
2,4-Dimethylphenol	ND		1660	1370		ug/Kg	☼	82	20 - 120
2,4-Dinitrophenol	ND	F1	3330	312	J F1	ug/Kg	☼	9	10 - 120
2,4-Dinitrotoluene	ND		1660	1190		ug/Kg	☼	72	24 - 122
2,6-Dinitrotoluene	ND		1660	1260		ug/Kg	☼	76	27 - 120
2-Chloronaphthalene	ND		1660	1700		ug/Kg	☼	102	33 - 120
2-Chlorophenol	ND		1660	1860		ug/Kg	☼	112	33 - 120
2-Methylnaphthalene	37	J	1660	1700		ug/Kg	☼	100	18 - 120
2-Methylphenol	ND	F1	1660	2020	F1	ug/Kg	☼	121	30 - 120
2-Nitroaniline	ND		1660	2100		ug/Kg	☼	126	13 - 128
2-Nitrophenol	ND	F2	1660	639		ug/Kg	☼	38	21 - 120
3,3'-Dichlorobenzidine	ND		3330	4210		ug/Kg	☼	127	10 - 143
3-Nitroaniline	ND		1660	1970		ug/Kg	☼	118	10 - 120
4,6-Dinitro-2-methylphenol	ND	F2 F1	3330	207	J F1	ug/Kg	☼	6	10 - 120
4-Bromophenyl phenyl ether	ND		1660	1760		ug/Kg	☼	106	39 - 120
4-Chloro-3-methylphenol	ND	F1	1660	2130	F1	ug/Kg	☼	128	26 - 120
4-Chloroaniline	ND		1660	1550		ug/Kg	☼	93	19 - 120
4-Chlorophenyl phenyl ether	ND		1660	1750		ug/Kg	☼	105	37 - 120
4-Nitroaniline	ND	F1	1660	2060	F1	ug/Kg	☼	124	22 - 120
4-Nitrophenol	ND		3330	2830		ug/Kg	☼	85	18 - 124
Acenaphthene	ND		1660	1820		ug/Kg	☼	109	26 - 120
Acenaphthylene	ND		1660	1860		ug/Kg	☼	112	25 - 120
Acetophenone	ND		1660	1880		ug/Kg	☼	113	32 - 120
Anthracene	ND		1660	1960		ug/Kg	☼	118	25 - 121
Atrazine	ND		3330	3700		ug/Kg	☼	111	43 - 130
Benzaldehyde	ND		3330	3130		ug/Kg	☼	94	27 - 120
Benzo[a]anthracene	18	J	1660	1930		ug/Kg	☼	115	21 - 130
Benzo[a]pyrene	18	J	1660	1870		ug/Kg	☼	111	12 - 131
Benzo[b]fluoranthene	31	J	1660	1800		ug/Kg	☼	107	14 - 134
Benzo[g,h,i]perylene	ND		1660	2010		ug/Kg	☼	121	10 - 145
Benzo[k]fluoranthene	13	J	1660	1810		ug/Kg	☼	108	18 - 126
Bis(2-chloroethoxy)methane	ND		1660	1990		ug/Kg	☼	119	28 - 120
Bis(2-chloroethyl)ether	ND		1660	1870		ug/Kg	☼	112	23 - 120
Bis(2-ethylhexyl) phthalate	ND		1660	2030		ug/Kg	☼	122	24 - 131
Butyl benzyl phthalate	ND	F1	1660	2210	F1	ug/Kg	☼	133	41 - 120
Caprolactam	ND		3330	2420		ug/Kg	☼	73	28 - 120

Method: 8270E - Semivolatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: 240-212566-25 MS
Matrix: Solid
Analysis Batch: 630406

Client Sample ID: T1125-W-2.0
Prep Type: Total/NA
Prep Batch: 629899

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Carbazole	ND	F1	1660	2230	F1	ug/Kg	☼	134	40 - 120
Chrysene	21	J	1660	1910		ug/Kg	☼	113	20 - 126
Dibenz(a,h)anthracene	ND		1660	1810		ug/Kg	☼	109	10 - 141
Dibenzofuran	ND		1660	1830		ug/Kg	☼	110	35 - 120
Diethyl phthalate	ND	F1	1660	2070	F1	ug/Kg	☼	125	33 - 120
Dimethyl phthalate	ND	F1	1660	2070	F1	ug/Kg	☼	125	15 - 120
Di-n-butyl phthalate	ND	F1	1660	2230	F1	ug/Kg	☼	134	25 - 132
Di-n-octyl phthalate	ND		1660	1630		ug/Kg	☼	98	37 - 120
Fluoranthene	39	J	1660	2040		ug/Kg	☼	120	18 - 139
Fluorene	ND		1660	1940		ug/Kg	☼	117	29 - 120
Hexachlorobenzene	ND		1660	1540		ug/Kg	☼	92	36 - 120
Hexachlorobutadiene	ND		1660	1060		ug/Kg	☼	64	18 - 120
Hexachlorocyclopentadiene	ND	F1	1660	ND	F1	ug/Kg	☼	0	10 - 120
Hexachloroethane	ND		1660	899		ug/Kg	☼	54	14 - 120
Indeno[1,2,3-cd]pyrene	15	J	1660	2080		ug/Kg	☼	125	10 - 143
Isophorone	ND	F1	1660	2040	F1	ug/Kg	☼	122	33 - 120
N-Nitrosodi-n-propylamine	ND	F1	1660	2040	F1	ug/Kg	☼	123	33 - 120
N-Nitrosodiphenylamine	ND		1660	1990		ug/Kg	☼	120	35 - 120
Naphthalene	51		1660	1580		ug/Kg	☼	92	17 - 120
Nitrobenzene	ND		1660	1340		ug/Kg	☼	80	25 - 120
Pentachlorophenol	ND		3330	1190		ug/Kg	☼	36	10 - 120
Phenanthrene	31	J	1660	1950		ug/Kg	☼	115	18 - 122
Phenol	ND	F1	1660	2030	F1	ug/Kg	☼	122	29 - 120
Pyrene	31	J	1660	1970		ug/Kg	☼	117	18 - 136
3 & 4 Methylphenol	ND	F1	1660	2130	F1	ug/Kg	☼	128	30 - 120

Surrogate	*MS %Recovery*	*MS Qualifier*	*Limits*
Terphenyl-d14 (Surr)	*98*		*37 - 120*
Phenol-d5 (Surr)	*118*		*29 - 120*
Nitrobenzene-d5 (Surr)	*72*		*28 - 120*
2-Fluorophenol (Surr)	*107*		*26 - 120*
2-Fluorobiphenyl (Surr)	*96*		*36 - 120*
2,4,6-Tribromophenol (Surr)	*86*		*10 - 120*

Lab Sample ID: 240-212566-25 MSD
Matrix: Solid
Analysis Batch: 630406

Client Sample ID: T1125-W-2.0
Prep Type: Total/NA
Prep Batch: 629899

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
1,1'-Biphenyl	ND		1730	1710		ug/Kg	☼	99	30 - 120	3	40
bis (2-chloroisopropyl) ether	ND	F1	1730	2140	F1	ug/Kg	☼	124	19 - 120	2	40
2,4,5-Trichlorophenol	ND		1730	1500		ug/Kg	☼	86	35 - 120	11	40
2,4,6-Trichlorophenol	ND		1730	1260		ug/Kg	☼	73	25 - 120	0	40
2,4-Dichlorophenol	ND		1730	1580		ug/Kg	☼	91	35 - 120	15	40
2,4-Dimethylphenol	ND		1730	1090		ug/Kg	☼	63	20 - 120	23	40
2,4-Dinitrophenol	ND	F1	3460	400	J	ug/Kg	☼	12	10 - 120	25	40
2,4-Dinitrotoluene	ND		1730	1420		ug/Kg	☼	82	24 - 122	18	40
2,6-Dinitrotoluene	ND		1730	1490		ug/Kg	☼	86	27 - 120	16	40

Method: 8270E - Semivolatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: 240-212566-25 MSD
Matrix: Solid
Analysis Batch: 630406

Client Sample ID: T1125-W-2.0
Prep Type: Total/NA
Prep Batch: 629899

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
2-Chloronaphthalene	ND		1730	1640		ug/Kg	☼	95	33 - 120	3	40
2-Chlorophenol	ND		1730	1650		ug/Kg	☼	95	33 - 120	12	40
2-Methylnaphthalene	37	J	1730	1670		ug/Kg	☼	94	18 - 120	2	40
2-Methylphenol	ND	F1	1730	1700		ug/Kg	☼	98	30 - 120	17	40
2-Nitroaniline	ND		1730	2090		ug/Kg	☼	121	13 - 128	1	40
2-Nitrophenol	ND	F2	1730	969	F2	ug/Kg	☼	56	21 - 120	41	40
3,3'-Dichlorobenzidine	ND		3460	3450		ug/Kg	☼	100	10 - 143	20	40
3-Nitroaniline	ND		1730	1620		ug/Kg	☼	93	10 - 120	19	40
4,6-Dinitro-2-methylphenol	ND	F2 F1	3460	414	J F2	ug/Kg	☼	12	10 - 120	66	40
4-Bromophenyl phenyl ether	ND		1730	1640		ug/Kg	☼	95	39 - 120	7	40
4-Chloro-3-methylphenol	ND	F1	1730	1830		ug/Kg	☼	105	26 - 120	15	40
4-Chloroaniline	ND		1730	1380		ug/Kg	☼	80	19 - 120	11	40
4-Chlorophenyl phenyl ether	ND		1730	1590		ug/Kg	☼	92	37 - 120	10	40
4-Nitroaniline	ND	F1	1730	1730		ug/Kg	☼	100	22 - 120	17	40
4-Nitrophenol	ND		3460	3060		ug/Kg	☼	88	18 - 124	8	40
Acenaphthene	ND		1730	1740		ug/Kg	☼	100	26 - 120	5	40
Acenaphthylene	ND		1730	1740		ug/Kg	☼	100	25 - 120	7	40
Acetophenone	ND		1730	1690		ug/Kg	☼	98	32 - 120	11	40
Anthracene	ND		1730	1770		ug/Kg	☼	102	25 - 121	10	40
Atrazine	ND		3460	3430		ug/Kg	☼	99	43 - 130	7	40
Benzaldehyde	ND		3460	3250		ug/Kg	☼	94	27 - 120	4	40
Benzo[a]anthracene	18	J	1730	1790		ug/Kg	☼	102	21 - 130	8	40
Benzo[a]pyrene	18	J	1730	1870		ug/Kg	☼	107	12 - 131	0	40
Benzo[b]fluoranthene	31	J	1730	1820		ug/Kg	☼	103	14 - 134	1	40
Benzo[g,h,i]perylene	ND		1730	2130		ug/Kg	☼	123	10 - 145	6	40
Benzo[k]fluoranthene	13	J	1730	1820		ug/Kg	☼	104	18 - 126	0	40
Bis(2-chloroethoxy)methane	ND		1730	1770		ug/Kg	☼	102	28 - 120	12	40
Bis(2-chloroethyl)ether	ND		1730	1740		ug/Kg	☼	100	23 - 120	7	40
Bis(2-ethylhexyl) phthalate	ND		1730	1950		ug/Kg	☼	112	24 - 131	4	40
Butyl benzyl phthalate	ND	F1	1730	1980		ug/Kg	☼	114	41 - 120	11	40
Caprolactam	ND		3460	2990		ug/Kg	☼	86	28 - 120	21	35
Carbazole	ND	F1	1730	1810		ug/Kg	☼	105	40 - 120	21	40
Chrysene	21	J	1730	1740		ug/Kg	☼	99	20 - 126	9	40
Dibenz(a,h)anthracene	ND		1730	1850		ug/Kg	☼	107	10 - 141	2	40
Dibenzofuran	ND		1730	1690		ug/Kg	☼	98	35 - 120	8	40
Diethyl phthalate	ND	F1	1730	1820		ug/Kg	☼	105	33 - 120	13	40
Dimethyl phthalate	ND	F1	1730	1830		ug/Kg	☼	105	15 - 120	13	40
Di-n-butyl phthalate	ND	F1	1730	2040		ug/Kg	☼	118	25 - 132	9	40
Di-n-octyl phthalate	ND		1730	1790		ug/Kg	☼	103	37 - 120	9	40
Fluoranthene	39	J	1730	1910		ug/Kg	☼	108	18 - 139	7	40
Fluorene	ND		1730	1790		ug/Kg	☼	103	29 - 120	8	40
Hexachlorobenzene	ND		1730	1520		ug/Kg	☼	88	36 - 120	1	40
Hexachlorobutadiene	ND		1730	1390		ug/Kg	☼	80	18 - 120	27	40
Hexachlorocyclopentadiene	ND	F1	1730	ND	F1	ug/Kg	☼	0	10 - 120	NC	40
Hexachloroethane	ND		1730	1290		ug/Kg	☼	75	14 - 120	36	40
Indeno[1,2,3-cd]pyrene	15	J	1730	2160		ug/Kg	☼	125	10 - 143	4	40
Isophorone	ND	F1	1730	1860		ug/Kg	☼	108	33 - 120	9	40
N-Nitrosodi-n-propylamine	ND	F1	1730	1880		ug/Kg	☼	109	33 - 120	8	40
N-Nitrosodiphenylamine	ND		1730	1750		ug/Kg	☼	101	35 - 120	13	40

Method: 8270E - Semivolatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: 240-212566-25 MSD
Matrix: Solid
Analysis Batch: 630406

Client Sample ID: T1125-W-2.0
Prep Type: Total/NA
Prep Batch: 629899

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Naphthalene	51		1730	1620		ug/Kg	☼	91	17 - 120	3	40
Nitrobenzene	ND		1730	1570		ug/Kg	☼	91	25 - 120	16	40
Pentachlorophenol	ND		3460	1770		ug/Kg	☼	51	10 - 120	39	40
Phenanthrene	31	J	1730	1740		ug/Kg	☼	99	18 - 122	11	40
Phenol	ND	F1	1730	1680		ug/Kg	☼	97	29 - 120	19	40
Pyrene	31	J	1730	1770		ug/Kg	☼	101	18 - 136	11	40
3 & 4 Methylphenol	ND	F1	1730	1830		ug/Kg	☼	106	30 - 120	15	40

Surrogate	*MSD %Recovery*	*MSD Qualifier*	*Limits*
Terphenyl-d14 (Surr)	*86*		*37 - 120*
Phenol-d5 (Surr)	*98*		*29 - 120*
Nitrobenzene-d5 (Surr)	*81*		*28 - 120*
2-Fluorophenol (Surr)	*90*		*26 - 120*
2-Fluorobiphenyl (Surr)	*90*		*36 - 120*
2,4,6-Tribromophenol (Surr)	*70*		*10 - 120*

Method: 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Lab Sample ID: MB 240-629893/1-A
Matrix: Solid
Analysis Batch: 630039

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 629893

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aroclor-1016	ND		50	25	ug/Kg		10/08/24 09:17	10/09/24 10:57	1
Aroclor-1221	ND		50	30	ug/Kg		10/08/24 09:17	10/09/24 10:57	1
Aroclor-1232	ND		50	21	ug/Kg		10/08/24 09:17	10/09/24 10:57	1
Aroclor-1242	ND		50	19	ug/Kg		10/08/24 09:17	10/09/24 10:57	1
Aroclor-1248	ND		50	17	ug/Kg		10/08/24 09:17	10/09/24 10:57	1
Aroclor-1254	ND		50	21	ug/Kg		10/08/24 09:17	10/09/24 10:57	1
Aroclor-1260	ND		50	21	ug/Kg		10/08/24 09:17	10/09/24 10:57	1
Aroclor-1262	ND		50	22	ug/Kg		10/08/24 09:17	10/09/24 10:57	1
Aroclor-1268	ND		50	16	ug/Kg		10/08/24 09:17	10/09/24 10:57	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Tetrachloro-m-xylene	*58*		*10 - 149*	*10/08/24 09:17*	*10/09/24 10:57*	*1*
DCB Decachlorobiphenyl	*67*		*10 - 174*	*10/08/24 09:17*	*10/09/24 10:57*	*1*

Lab Sample ID: LCS 240-629893/2-A
Matrix: Solid
Analysis Batch: 630039

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 629893

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
Aroclor-1016			1000	627		ug/Kg		63	28 - 140		
Aroclor-1260			1000	818		ug/Kg		82	39 - 153		

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
Tetrachloro-m-xylene	*60*		*10 - 149*
DCB Decachlorobiphenyl	*87*		*10 - 174*

Method: 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Lab Sample ID: 240-212566-19 MS
Matrix: Solid
Analysis Batch: 630039

Client Sample ID: T750-E-2.0
Prep Type: Total/NA
Prep Batch: 629893

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Aroclor-1016	ND		1250	802		ug/Kg	☼	64	10 - 146
Aroclor-1260	ND		1250	979		ug/Kg	☼	78	10 - 158

Surrogate	*MS %Recovery*	*MS Qualifier*	*Limits*
Tetrachloro-m-xylene	*70*		*10 - 149*
DCB Decachlorobiphenyl	*87*		*10 - 174*

Lab Sample ID: 240-212566-19 MSD
Matrix: Solid
Analysis Batch: 630039

Client Sample ID: T750-E-2.0
Prep Type: Total/NA
Prep Batch: 629893

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Aroclor-1016	ND		1240	822		ug/Kg	☼	66	10 - 146	2	40
Aroclor-1260	ND		1240	978		ug/Kg	☼	79	10 - 158	0	40

Surrogate	*MSD %Recovery*	*MSD Qualifier*	*Limits*
Tetrachloro-m-xylene	*69*		*10 - 149*
DCB Decachlorobiphenyl	*88*		*10 - 174*

Lab Sample ID: MB 240-629921/23-A
Matrix: Solid
Analysis Batch: 629993

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 629921

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aroclor-1016	ND		50	25	ug/Kg		10/08/24 10:23	10/08/24 20:44	1
Aroclor-1221	ND		50	30	ug/Kg		10/08/24 10:23	10/08/24 20:44	1
Aroclor-1232	ND		50	21	ug/Kg		10/08/24 10:23	10/08/24 20:44	1
Aroclor-1242	89.1		50	19	ug/Kg		10/08/24 10:23	10/08/24 20:44	1
Aroclor-1248	ND		50	17	ug/Kg		10/08/24 10:23	10/08/24 20:44	1
Aroclor-1254	ND		50	21	ug/Kg		10/08/24 10:23	10/08/24 20:44	1
Aroclor-1260	ND		50	21	ug/Kg		10/08/24 10:23	10/08/24 20:44	1
Aroclor-1262	ND		50	22	ug/Kg		10/08/24 10:23	10/08/24 20:44	1
Aroclor-1268	ND		50	16	ug/Kg		10/08/24 10:23	10/08/24 20:44	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Tetrachloro-m-xylene	*79*		*10 - 149*	*10/08/24 10:23*	*10/08/24 20:44*	*1*
DCB Decachlorobiphenyl	*68*		*10 - 174*	*10/08/24 10:23*	*10/08/24 20:44*	*1*

Lab Sample ID: LCS 240-629921/24-A
Matrix: Solid
Analysis Batch: 629993

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 629921

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Aroclor-1016	1000	793		ug/Kg		79	28 - 140
Aroclor-1260	1000	807		ug/Kg		81	39 - 153

Method: 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography (Continued)

Lab Sample ID: LCS 240-629921/24-A
Matrix: Solid
Analysis Batch: 629993

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 629921

Surrogate	LCS %Recovery	LCS Qualifier	Limits
Tetrachloro-m-xylene	81		10 - 149
DCB Decachlorobiphenyl	71		10 - 174

Lab Sample ID: 240-212566-23 MS
Matrix: Solid
Analysis Batch: 629993

Client Sample ID: T1125-E-2.0
Prep Type: Total/NA
Prep Batch: 629921

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Aroclor-1016	ND		1220	893		ug/Kg	☼	73	10 - 146
Aroclor-1260	ND		1220	945		ug/Kg	☼	77	10 - 158

Surrogate	MS %Recovery	MS Qualifier	Limits
Tetrachloro-m-xylene	79		10 - 149
DCB Decachlorobiphenyl	69		10 - 174

Lab Sample ID: 240-212566-23 MSD
Matrix: Solid
Analysis Batch: 629993

Client Sample ID: T1125-E-2.0
Prep Type: Total/NA
Prep Batch: 629921

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Aroclor-1016	ND		1200	843		ug/Kg	☼	70	10 - 146	6	40
Aroclor-1260	ND		1200	920		ug/Kg	☼	76	10 - 158	3	40

Surrogate	MSD %Recovery	MSD Qualifier	Limits
Tetrachloro-m-xylene	76		10 - 149
DCB Decachlorobiphenyl	71		10 - 174

Lab Sample ID: 240-212566-25 MS
Matrix: Solid
Analysis Batch: 629993

Client Sample ID: T1125-W-2.0
Prep Type: Total/NA
Prep Batch: 629921

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Aroclor-1016	ND		1290	878		ug/Kg	☼	68	10 - 146
Aroclor-1260	ND		1290	957		ug/Kg	☼	74	10 - 158

Surrogate	MS %Recovery	MS Qualifier	Limits
Tetrachloro-m-xylene	72		10 - 149
DCB Decachlorobiphenyl	66		10 - 174

Lab Sample ID: 240-212566-25 MSD
Matrix: Solid
Analysis Batch: 629993

Client Sample ID: T1125-W-2.0
Prep Type: Total/NA
Prep Batch: 629921

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Aroclor-1016	ND		1240	937		ug/Kg	☼	76	10 - 146	7	40
Aroclor-1260	ND		1240	1030		ug/Kg	☼	83	10 - 158	7	40

Method: 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography (Continued)

Lab Sample ID: 240-212566-25 MSD
Matrix: Solid
Analysis Batch: 629993

Client Sample ID: T1125-W-2.0
Prep Type: Total/NA
Prep Batch: 629921

Surrogate	MSD %Recovery	MSD Qualifier	Limits
Tetrachloro-m-xylene	81		10 - 149
DCB Decachlorobiphenyl	75		10 - 174

Lab Sample ID: MB 240-630203/1-A
Matrix: Solid
Analysis Batch: 630188

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 630203

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aroclor-1016	ND		50	25	ug/Kg		10/10/24 09:29	10/10/24 13:45	1
Aroclor-1221	ND		50	30	ug/Kg		10/10/24 09:29	10/10/24 13:45	1
Aroclor-1232	ND		50	21	ug/Kg		10/10/24 09:29	10/10/24 13:45	1
Aroclor-1242	ND		50	19	ug/Kg		10/10/24 09:29	10/10/24 13:45	1
Aroclor-1248	ND		50	17	ug/Kg		10/10/24 09:29	10/10/24 13:45	1
Aroclor-1254	ND		50	21	ug/Kg		10/10/24 09:29	10/10/24 13:45	1
Aroclor-1260	ND		50	21	ug/Kg		10/10/24 09:29	10/10/24 13:45	1
Aroclor-1262	ND		50	22	ug/Kg		10/10/24 09:29	10/10/24 13:45	1
Aroclor-1268	ND		50	16	ug/Kg		10/10/24 09:29	10/10/24 13:45	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
Tetrachloro-m-xylene	92		10 - 149	10/10/24 09:29	10/10/24 13:45	1
DCB Decachlorobiphenyl	100		10 - 174	10/10/24 09:29	10/10/24 13:45	1

Lab Sample ID: LCS 240-630203/2-A
Matrix: Solid
Analysis Batch: 630188

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 630203

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
Aroclor-1016			1000	910		ug/Kg		91	28 - 140		
Aroclor-1260			1000	965		ug/Kg		96	39 - 153		

Surrogate	LCS %Recovery	LCS Qualifier	Limits
Tetrachloro-m-xylene	91		10 - 149
DCB Decachlorobiphenyl	100		10 - 174

Method: 6010D - Metals (ICP)

Lab Sample ID: MB 240-629874/1-A
Matrix: Solid
Analysis Batch: 630156

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 629874

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	ND		1.5	0.32	mg/Kg		10/08/24 13:00	10/09/24 15:39	1
Barium	ND		20	0.13	mg/Kg		10/08/24 13:00	10/09/24 15:39	1
Cadmium	ND		0.50	0.048	mg/Kg		10/08/24 13:00	10/09/24 15:39	1
Chromium	ND		1.0	0.34	mg/Kg		10/08/24 13:00	10/09/24 15:39	1
Copper	ND		2.5	0.70	mg/Kg		10/08/24 13:00	10/09/24 15:39	1
Lead	ND		1.0	0.28	mg/Kg		10/08/24 13:00	10/09/24 15:39	1
Selenium	ND		2.0	0.47	mg/Kg		10/08/24 13:00	10/09/24 15:39	1

Method: 6010D - Metals (ICP) (Continued)

Lab Sample ID: MB 240-629874/1-A
Matrix: Solid
Analysis Batch: 630156

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 629874

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Silver	ND		1.0	0.081	mg/Kg		10/08/24 13:00	10/09/24 15:39	1
Zinc	ND		5.0	3.6	mg/Kg		10/08/24 13:00	10/09/24 15:39	1

Lab Sample ID: LCS 240-629874/2-A
Matrix: Solid
Analysis Batch: 630156

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 629874

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Arsenic	200	202		mg/Kg		101	80 - 120
Barium	200	184		mg/Kg		92	80 - 120
Cadmium	100	99.9		mg/Kg		100	80 - 120
Chromium	100	97.3		mg/Kg		97	80 - 120
Copper	100	98.8		mg/Kg		99	80 - 120
Lead	100	95.2		mg/Kg		95	80 - 120
Selenium	200	203		mg/Kg		102	80 - 120
Silver	10.0	9.31		mg/Kg		93	80 - 120
Zinc	100	98.6		mg/Kg		99	80 - 120

Lab Sample ID: 240-212566-19 MS
Matrix: Solid
Analysis Batch: 630156

Client Sample ID: T750-E-2.0
Prep Type: Total/NA
Prep Batch: 629874

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Arsenic	13		213	204		mg/Kg	☼	90	75 - 125
Barium	56		213	232		mg/Kg	☼	82	75 - 125
Cadmium	0.13	J	106	94.9		mg/Kg	☼	89	75 - 125
Chromium	13		106	105		mg/Kg	☼	86	75 - 125
Copper	20		106	115		mg/Kg	☼	89	75 - 125
Lead	17		106	104		mg/Kg	☼	81	75 - 125
Selenium	ND		213	187		mg/Kg	☼	88	75 - 125
Silver	ND		10.6	8.89		mg/Kg	☼	84	75 - 125
Zinc	110		106	205		mg/Kg	☼	94	75 - 125

Lab Sample ID: 240-212566-19 MSD
Matrix: Solid
Analysis Batch: 630156

Client Sample ID: T750-E-2.0
Prep Type: Total/NA
Prep Batch: 629874

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Arsenic	13		213	207		mg/Kg	☼	91	75 - 125	1	20
Barium	56		213	236		mg/Kg	☼	85	75 - 125	2	20
Cadmium	0.13	J	106	96.4		mg/Kg	☼	91	75 - 125	2	20
Chromium	13		106	108		mg/Kg	☼	89	75 - 125	3	20
Copper	20		106	120		mg/Kg	☼	94	75 - 125	5	20
Lead	17		106	105		mg/Kg	☼	82	75 - 125	1	20
Selenium	ND		213	190		mg/Kg	☼	89	75 - 125	2	20
Silver	ND		10.6	9.13		mg/Kg	☼	86	75 - 125	3	20
Zinc	110		106	215		mg/Kg	☼	103	75 - 125	5	20

Method: 6010D - Metals (ICP) (Continued)

Lab Sample ID: MB 240-629898/1-A
Matrix: Solid
Analysis Batch: 630156

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 629898

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	ND		1.5	0.32	mg/Kg		10/08/24 13:00	10/09/24 13:51	1
Barium	ND		20	0.13	mg/Kg		10/08/24 13:00	10/09/24 13:51	1
Cadmium	ND		0.50	0.048	mg/Kg		10/08/24 13:00	10/09/24 13:51	1
Chromium	ND		1.0	0.34	mg/Kg		10/08/24 13:00	10/09/24 13:51	1
Copper	ND		2.5	0.70	mg/Kg		10/08/24 13:00	10/09/24 13:51	1
Lead	ND		1.0	0.28	mg/Kg		10/08/24 13:00	10/09/24 13:51	1
Selenium	ND		2.0	0.47	mg/Kg		10/08/24 13:00	10/09/24 13:51	1
Silver	ND		1.0	0.081	mg/Kg		10/08/24 13:00	10/09/24 13:51	1
Zinc	ND		5.0	3.6	mg/Kg		10/08/24 13:00	10/09/24 13:51	1

Lab Sample ID: LCS 240-629898/2-A
Matrix: Solid
Analysis Batch: 630156

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 629898

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Arsenic	200	198		mg/Kg		99	80 - 120
Barium	200	184		mg/Kg		92	80 - 120
Cadmium	100	98.6		mg/Kg		99	80 - 120
Chromium	100	95.3		mg/Kg		95	80 - 120
Copper	100	97.6		mg/Kg		98	80 - 120
Lead	100	93.0		mg/Kg		93	80 - 120
Selenium	200	198		mg/Kg		99	80 - 120
Silver	10.0	9.08		mg/Kg		91	80 - 120
Zinc	100	96.1		mg/Kg		96	80 - 120

Lab Sample ID: 240-212566-23 MS
Matrix: Solid
Analysis Batch: 630156

Client Sample ID: T1125-E-2.0
Prep Type: Total/NA
Prep Batch: 629898

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Arsenic	25		198	202		mg/Kg	☼	89	75 - 125
Barium	35		198	209		mg/Kg	☼	88	75 - 125
Cadmium	0.051	J	99.0	92.7		mg/Kg	☼	94	75 - 125
Chromium	13		99.0	103		mg/Kg	☼	91	75 - 125
Copper	19		99.0	109		mg/Kg	☼	91	75 - 125
Lead	14		99.0	96.8		mg/Kg	☼	84	75 - 125
Selenium	ND		198	184		mg/Kg	☼	93	75 - 125
Silver	ND		9.90	8.66		mg/Kg	☼	87	75 - 125
Zinc	270	F1	99.0	293	F1	mg/Kg	☼	20	75 - 125

Lab Sample ID: 240-212566-23 MSD
Matrix: Solid
Analysis Batch: 630156

Client Sample ID: T1125-E-2.0
Prep Type: Total/NA
Prep Batch: 629898

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Arsenic	25		198	189		mg/Kg	☼	83	75 - 125	7	20
Barium	35		198	200		mg/Kg	☼	84	75 - 125	4	20
Cadmium	0.051	J	99.0	87.2		mg/Kg	☼	88	75 - 125	6	20
Chromium	13		99.0	96.0		mg/Kg	☼	84	75 - 125	7	20

Method: 6010D - Metals (ICP) (Continued)

Lab Sample ID: 240-212566-23 MSD
Matrix: Solid
Analysis Batch: 630156

Client Sample ID: T1125-E-2.0
Prep Type: Total/NA
Prep Batch: 629898

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Copper	19		99.0	99.9		mg/Kg	☼	82	75 - 125	9	20
Lead	14		99.0	90.0		mg/Kg	☼	77	75 - 125	7	20
Selenium	ND		198	173		mg/Kg	☼	88	75 - 125	6	20
Silver	ND		9.90	8.10		mg/Kg	☼	82	75 - 125	7	20
Zinc	270	F1	99.0	312	F1	mg/Kg	☼	39	75 - 125	6	20

Lab Sample ID: 240-212566-25 MS
Matrix: Solid
Analysis Batch: 630156

Client Sample ID: T1125-W-2.0
Prep Type: Total/NA
Prep Batch: 629898

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Arsenic	14		238	236		mg/Kg	☼	93	75 - 125
Barium	63		238	260		mg/Kg	☼	83	75 - 125
Cadmium	0.13	J	119	111		mg/Kg	☼	93	75 - 125
Chromium	14		119	120		mg/Kg	☼	89	75 - 125
Copper	17		119	117		mg/Kg	☼	84	75 - 125
Lead	15		119	114		mg/Kg	☼	83	75 - 125
Selenium	ND		238	221		mg/Kg	☼	93	75 - 125
Silver	ND		11.9	10.2		mg/Kg	☼	85	75 - 125
Zinc	160	F2 F1	119	239	F1	mg/Kg	☼	64	75 - 125

Lab Sample ID: 240-212566-25 MSD
Matrix: Solid
Analysis Batch: 630156

Client Sample ID: T1125-W-2.0
Prep Type: Total/NA
Prep Batch: 629898

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Arsenic	14		238	233		mg/Kg	☼	92	75 - 125	1	20
Barium	63		238	271		mg/Kg	☼	87	75 - 125	4	20
Cadmium	0.13	J	119	108		mg/Kg	☼	91	75 - 125	3	20
Chromium	14		119	122		mg/Kg	☼	91	75 - 125	1	20
Copper	17		119	111		mg/Kg	☼	79	75 - 125	5	20
Lead	15		119	117		mg/Kg	☼	86	75 - 125	2	20
Selenium	ND		238	218		mg/Kg	☼	91	75 - 125	2	20
Silver	ND		11.9	10.0		mg/Kg	☼	84	75 - 125	1	20
Zinc	160	F2 F1	119	360	F1 F2	mg/Kg	☼	166	75 - 125	40	20

Method: 7471B - Mercury (CVAA)

Lab Sample ID: MB 240-629878/1-A
Matrix: Solid
Analysis Batch: 630090

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 629878

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.0207	J	0.10	0.018	mg/Kg		10/08/24 13:00	10/09/24 09:42	1

Method: 7471B - Mercury (CVAA) (Continued)

Lab Sample ID: LCS 240-629878/2-A
Matrix: Solid
Analysis Batch: 630090

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 629878

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Mercury	0.833	0.896		mg/Kg		108	80 - 120

Lab Sample ID: 240-212566-19 MS
Matrix: Solid
Analysis Batch: 630090

Client Sample ID: T750-E-2.0
Prep Type: Total/NA
Prep Batch: 629878

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Mercury	0.047	J B	0.209	0.260		mg/Kg	☼	102	80 - 120

Lab Sample ID: 240-212566-19 MSD
Matrix: Solid
Analysis Batch: 630090

Client Sample ID: T750-E-2.0
Prep Type: Total/NA
Prep Batch: 629878

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Mercury	0.047	J B	0.209	0.285		mg/Kg	☼	114	80 - 120	9	20

Lab Sample ID: MB 240-629900/1-A
Matrix: Solid
Analysis Batch: 630090

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 629900

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	ND		0.10	0.018	mg/Kg		10/08/24 13:00	10/09/24 10:29	1

Lab Sample ID: LCS 240-629900/2-A
Matrix: Solid
Analysis Batch: 630090

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 629900

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Mercury	0.833	0.918		mg/Kg		110	80 - 120

Lab Sample ID: 240-212566-23 MS
Matrix: Solid
Analysis Batch: 630090

Client Sample ID: T1125-E-2.0
Prep Type: Total/NA
Prep Batch: 629900

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Mercury	0.025	J	0.201	0.226		mg/Kg	☼	100	80 - 120

Lab Sample ID: 240-212566-23 MSD
Matrix: Solid
Analysis Batch: 630090

Client Sample ID: T1125-E-2.0
Prep Type: Total/NA
Prep Batch: 629900

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Mercury	0.025	J	0.201	0.246		mg/Kg	☼	110	80 - 120	8	20

Lab Sample ID: 240-212566-25 MS
Matrix: Solid
Analysis Batch: 630090

Client Sample ID: T1125-W-2.0
Prep Type: Total/NA
Prep Batch: 629900

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Mercury	0.035	J	0.194	0.257		mg/Kg	☼	115	80 - 120

Method: 7471B - Mercury (CVAA)

Lab Sample ID: 240-212566-25 MSD
Matrix: Solid
Analysis Batch: 630090

Client Sample ID: T1125-W-2.0
Prep Type: Total/NA
Prep Batch: 629900

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Mercury	0.035	J	0.194	0.252		mg/Kg	☼	112	80 - 120	2	20

Method: 9012B - Cyanide, Total andor Amenable

Lab Sample ID: MB 240-630111/1-A
Matrix: Solid
Analysis Batch: 630149

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 630111

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cyanide, Total	ND		0.52	0.41	mg/Kg		10/09/24 13:22	10/09/24 15:48	1

Lab Sample ID: LCS 240-630111/2-A
Matrix: Solid
Analysis Batch: 630149

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 630111

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Cyanide, Total	8.53	8.71		mg/Kg		102	65 - 128

Lab Sample ID: MRL 240-630149/10
Matrix: Solid
Analysis Batch: 630149

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	MRL Result	MRL Qualifier	Unit	D	%Rec	%Rec Limits
Cyanide, Total	0.0100	0.0105		mg/L		105	70 - 130

Lab Sample ID: MB 240-630213/17-A
Matrix: Solid
Analysis Batch: 630296

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 630213

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cyanide, Total	ND		0.57	0.45	mg/Kg		10/10/24 10:00	10/10/24 12:55	1

Lab Sample ID: LCS 240-630213/18-A
Matrix: Solid
Analysis Batch: 630296

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 630213

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Cyanide, Total	6.77	6.36		mg/Kg		94	65 - 128

Lab Sample ID: 240-212566-19 MS
Matrix: Solid
Analysis Batch: 630296

Client Sample ID: T750-E-2.0
Prep Type: Total/NA
Prep Batch: 630213

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Cyanide, Total	ND		1.39	ND		mg/Kg	☼	NC	24 - 140

Method: 9012B - Cyanide, Total andor Amenable (Continued)

Lab Sample ID: 240-212566-19 MSD
Matrix: Solid
Analysis Batch: 630296

Client Sample ID: T750-E-2.0
Prep Type: Total/NA
Prep Batch: 630213

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Cyanide, Total	ND		1.52	ND		mg/Kg	☼	NC	24 - 140	NC	40

Lab Sample ID: LCS 240-630252/2-A
Matrix: Solid
Analysis Batch: 630539

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 630252

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Cyanide, Total	7.27	6.80		mg/Kg		94	65 - 128

Lab Sample ID: 240-212566-23 MS
Matrix: Solid
Analysis Batch: 630539

Client Sample ID: T1125-E-2.0
Prep Type: Total/NA
Prep Batch: 630252

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Cyanide, Total	16	F2	1.26	53.1	4	mg/Kg	☼	2955	24 - 140

Lab Sample ID: 240-212566-23 MSD
Matrix: Solid
Analysis Batch: 630539

Client Sample ID: T1125-E-2.0
Prep Type: Total/NA
Prep Batch: 630252

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Cyanide, Total	16	F2	1.32	19.1	4 F2	mg/Kg	☼	244	24 - 140	94	40

Lab Sample ID: 240-212566-25 MS
Matrix: Solid
Analysis Batch: 630539

Client Sample ID: T1125-W-2.0
Prep Type: Total/NA
Prep Batch: 630252

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Cyanide, Total	ND	F2	1.32	14.1	J	mg/Kg	☼	NC	24 - 140

Lab Sample ID: 240-212566-25 MSD
Matrix: Solid
Analysis Batch: 630539

Client Sample ID: T1125-W-2.0
Prep Type: Total/NA
Prep Batch: 630252

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Cyanide, Total	ND	F2	1.32	47.1	F2	mg/Kg	☼	NC	24 - 140	108	40

Lab Sample ID: MRL 240-630296/10
Matrix: Solid
Analysis Batch: 630296

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	MRL Result	MRL Qualifier	Unit	D	%Rec	%Rec Limits
Cyanide, Total	0.0100	0.0114		mg/L		114	70 - 130

Lab Sample ID: MB 240-630310/1-A
Matrix: Solid
Analysis Batch: 630539

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 630310

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cyanide, Total	ND		0.63	0.50	mg/Kg		10/10/24 14:38	10/10/24 16:46	1

Method: 9012B - Cyanide, Total andor Amenable

Lab Sample ID: LCS 240-630310/2-A
Matrix: Solid
Analysis Batch: 630539

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 630310

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
Cyanide, Total			7.55	6.90		mg/Kg		91	65 - 128		

Lab Sample ID: 240-212566-6 MS
Matrix: Solid
Analysis Batch: 630539

Client Sample ID: T875-W-2.0
Prep Type: Total/NA
Prep Batch: 630310

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits		
Cyanide, Total	4.0	F1 F2	1.37	7.92	F1	mg/Kg	☼	284	24 - 140		

Lab Sample ID: 240-212566-6 MSD
Matrix: Solid
Analysis Batch: 630539

Client Sample ID: T875-W-2.0
Prep Type: Total/NA
Prep Batch: 630310

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Cyanide, Total	4.0	F1 F2	1.31	3.43	F1 F2	mg/Kg	☼	-45	24 - 140	79	40

Method: Moisture - Percent Moisture

Lab Sample ID: 240-212566-19 DU
Matrix: Solid
Analysis Batch: 629963

Client Sample ID: T750-E-2.0
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier		DU Result	DU Qualifier	Unit	D			RPD	RPD Limit
Percent Solids	78.3			89.5		%				13	20
Percent Moisture	21.7			10.5	F3	%				70	20

Lab Sample ID: 240-212566-23 DU
Matrix: Solid
Analysis Batch: 629963

Client Sample ID: T1125-E-2.0
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier		DU Result	DU Qualifier	Unit	D			RPD	RPD Limit
Percent Solids	82.8			83.6		%				1	20
Percent Moisture	17.2			16.4		%				5	20

Lab Sample ID: 240-212566-25 DU
Matrix: Solid
Analysis Batch: 629963

Client Sample ID: T1125-W-2.0
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier		DU Result	DU Qualifier	Unit	D			RPD	RPD Limit
Percent Solids	79.2			82.8		%				4	20
Percent Moisture	20.8			17.2		%				19	20

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Analysis Batch: 629818

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
240-212566-1	DUP-6-20241005	Total/NA	Solid	8260D	629840
240-212566-2	T750-W-2.0	Total/NA	Solid	8260D	629840
240-212566-3	T875-E-2.0	Total/NA	Solid	8260D	629840
240-212566-4	DUP-7-20241005	Total/NA	Solid	8260D	629840
240-212566-5	T875-E-4.0	Total/NA	Solid	8260D	629840
240-212566-6	T875-W-2.0	Total/NA	Solid	8260D	629840
240-212566-7	T875-W-4.0	Total/NA	Solid	8260D	629840
240-212566-8	T1000-C-2.0	Total/NA	Solid	8260D	629840
240-212566-9	T1000-C-4.0	Total/NA	Solid	8260D	629840
240-212566-10	T1000-W-2.0	Total/NA	Solid	8260D	629840
240-212566-12	T500-W-2.0	Total/NA	Solid	8260D	629840
240-212566-13	T500-W-4.0	Total/NA	Solid	8260D	629840
240-212566-14	T625-E-2.0	Total/NA	Solid	8260D	629840
240-212566-15	T625-E-4.0	Total/NA	Solid	8260D	629840
240-212566-16	T625-C-2.0	Total/NA	Solid	8260D	629840
240-212566-17	T625-C-4.0	Total/NA	Solid	8260D	629840
240-212566-18	T625-W-2.0	Total/NA	Solid	8260D	629840
240-212566-19	T750-E-2.0	Total/NA	Solid	8260D	629840
240-212566-20	T750-E-4.0	Total/NA	Solid	8260D	629840
240-212566-22	DUP-5-20241005	Total/NA	Solid	8260D	629840
MB 240-629818/9	Method Blank	Total/NA	Solid	8260D	
LCS 240-629818/8	Lab Control Sample	Total/NA	Solid	8260D	
240-212566-19 MS	T750-E-2.0	Total/NA	Solid	8260D	629840
240-212566-19 MSD	T750-E-2.0	Total/NA	Solid	8260D	629840

Prep Batch: 629840

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
240-212566-1	DUP-6-20241005	Total/NA	Solid	5030C	
240-212566-2	T750-W-2.0	Total/NA	Solid	5030C	
240-212566-3	T875-E-2.0	Total/NA	Solid	5030C	
240-212566-4	DUP-7-20241005	Total/NA	Solid	5030C	
240-212566-5	T875-E-4.0	Total/NA	Solid	5030C	
240-212566-6	T875-W-2.0	Total/NA	Solid	5030C	
240-212566-7	T875-W-4.0	Total/NA	Solid	5030C	
240-212566-8	T1000-C-2.0	Total/NA	Solid	5030C	
240-212566-9	T1000-C-4.0	Total/NA	Solid	5030C	
240-212566-10	T1000-W-2.0	Total/NA	Solid	5030C	
240-212566-12	T500-W-2.0	Total/NA	Solid	5030C	
240-212566-13	T500-W-4.0	Total/NA	Solid	5030C	
240-212566-14	T625-E-2.0	Total/NA	Solid	5030C	
240-212566-15	T625-E-4.0	Total/NA	Solid	5030C	
240-212566-16	T625-C-2.0	Total/NA	Solid	5030C	
240-212566-17	T625-C-4.0	Total/NA	Solid	5030C	
240-212566-18	T625-W-2.0	Total/NA	Solid	5030C	
240-212566-19	T750-E-2.0	Total/NA	Solid	5030C	
240-212566-20	T750-E-4.0	Total/NA	Solid	5030C	
240-212566-22	DUP-5-20241005	Total/NA	Solid	5030C	
240-212566-19 MS	T750-E-2.0	Total/NA	Solid	5030C	
240-212566-19 MSD	T750-E-2.0	Total/NA	Solid	5030C	

QC Association Summary

Client: August Mack Environmental, Inc.
Project/Site: MSC Canfield - Soil

Job ID: 240-212566-1

GC/MS VOA

Analysis Batch: 629852

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
240-212566-23	T1125-E-2.0	Total/NA	Solid	8260D	629942
240-212566-24	T1125-E-4.0	Total/NA	Solid	8260D	629942
240-212566-25	T1125-W-2.0	Total/NA	Solid	8260D	629942
240-212566-28	T375-W-2.0	Total/NA	Solid	8260D	629942
240-212566-29	T375-W-4.0	Total/NA	Solid	8260D	629942
240-212566-30	T375-E-2.0	Total/NA	Solid	8260D	629942
240-212566-31	T375-E-4.0	Total/NA	Solid	8260D	629942
240-212566-32	DUP7-20241005	Total/NA	Solid	8260D	629942
240-212566-33	DUP4-20241004	Total/NA	Solid	8260D	629942
MB 240-629852/7	Method Blank	Total/NA	Solid	8260D	
LCS 240-629852/5	Lab Control Sample	Total/NA	Solid	8260D	
240-212566-23 MS	T1125-E-2.0	Total/NA	Solid	8260D	629942
240-212566-23 MSD	T1125-E-2.0	Total/NA	Solid	8260D	629942
240-212566-25 MS	T1125-W-2.0	Total/NA	Solid	8260D	629942
240-212566-25 MSD	T1125-W-2.0	Total/NA	Solid	8260D	629942

Analysis Batch: 629888

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
240-212566-21	TB-4-20241006	Total/NA	Water	8260D	
240-212566-26	TB-5-20241006	Total/NA	Water	8260D	
240-212566-27	TB-6-20241006	Total/NA	Water	8260D	
MB 240-629888/7	Method Blank	Total/NA	Water	8260D	
LCS 240-629888/4	Lab Control Sample	Total/NA	Water	8260D	

Prep Batch: 629942

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
240-212566-23	T1125-E-2.0	Total/NA	Solid	5030C	
240-212566-24	T1125-E-4.0	Total/NA	Solid	5030C	
240-212566-25	T1125-W-2.0	Total/NA	Solid	5030C	
240-212566-28	T375-W-2.0	Total/NA	Solid	5030C	
240-212566-29	T375-W-4.0	Total/NA	Solid	5030C	
240-212566-30	T375-E-2.0	Total/NA	Solid	5030C	
240-212566-31	T375-E-4.0	Total/NA	Solid	5030C	
240-212566-32	DUP7-20241005	Total/NA	Solid	5030C	
240-212566-33	DUP4-20241004	Total/NA	Solid	5030C	
240-212566-23 MS	T1125-E-2.0	Total/NA	Solid	5030C	
240-212566-23 MSD	T1125-E-2.0	Total/NA	Solid	5030C	
240-212566-25 MS	T1125-W-2.0	Total/NA	Solid	5030C	
240-212566-25 MSD	T1125-W-2.0	Total/NA	Solid	5030C	

GC/MS Semi VOA

Prep Batch: 629889

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
240-212566-1	DUP-6-20241005	Total/NA	Solid	3546	
240-212566-2	T750-W-2.0	Total/NA	Solid	3546	
240-212566-3	T875-E-2.0	Total/NA	Solid	3546	
240-212566-4	DUP-7-20241005	Total/NA	Solid	3546	
240-212566-5	T875-E-4.0	Total/NA	Solid	3546	
240-212566-6	T875-W-2.0	Total/NA	Solid	3546	
240-212566-7	T875-W-4.0	Total/NA	Solid	3546	

GC/MS Semi VOA (Continued)

Prep Batch: 629889 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
240-212566-8	T1000-C-2.0	Total/NA	Solid	3546	
240-212566-9	T1000-C-4.0	Total/NA	Solid	3546	
240-212566-10	T1000-W-2.0	Total/NA	Solid	3546	
240-212566-12	T500-W-2.0	Total/NA	Solid	3546	
240-212566-13	T500-W-4.0	Total/NA	Solid	3546	
240-212566-14	T625-E-2.0	Total/NA	Solid	3546	
240-212566-15	T625-E-4.0	Total/NA	Solid	3546	
240-212566-16	T625-C-2.0	Total/NA	Solid	3546	
240-212566-17	T625-C-4.0	Total/NA	Solid	3546	
240-212566-18	T625-W-2.0	Total/NA	Solid	3546	
240-212566-19	T750-E-2.0	Total/NA	Solid	3546	
240-212566-20	T750-E-4.0	Total/NA	Solid	3546	
MB 240-629889/1-A	Method Blank	Total/NA	Solid	3546	
LCS 240-629889/2-A	Lab Control Sample	Total/NA	Solid	3546	
240-212566-19 MS	T750-E-2.0	Total/NA	Solid	3546	
240-212566-19 MSD	T750-E-2.0	Total/NA	Solid	3546	

Prep Batch: 629899

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
240-212566-22	DUP-5-20241005	Total/NA	Solid	3546	
240-212566-23	T1125-E-2.0	Total/NA	Solid	3546	
240-212566-24	T1125-E-4.0	Total/NA	Solid	3546	
240-212566-25	T1125-W-2.0	Total/NA	Solid	3546	
240-212566-28	T375-W-2.0	Total/NA	Solid	3546	
240-212566-29	T375-W-4.0	Total/NA	Solid	3546	
240-212566-30	T375-E-2.0	Total/NA	Solid	3546	
240-212566-31	T375-E-4.0	Total/NA	Solid	3546	
240-212566-32	DUP7-20241005	Total/NA	Solid	3546	
240-212566-33	DUP4-20241004	Total/NA	Solid	3546	
MB 240-629899/23-A	Method Blank	Total/NA	Solid	3546	
LCS 240-629899/24-A	Lab Control Sample	Total/NA	Solid	3546	
240-212566-23 MS	T1125-E-2.0	Total/NA	Solid	3546	
240-212566-23 MSD	T1125-E-2.0	Total/NA	Solid	3546	
240-212566-25 MS	T1125-W-2.0	Total/NA	Solid	3546	
240-212566-25 MSD	T1125-W-2.0	Total/NA	Solid	3546	

Analysis Batch: 630030

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
240-212566-1	DUP-6-20241005	Total/NA	Solid	8270E	629889
240-212566-2	T750-W-2.0	Total/NA	Solid	8270E	629889
240-212566-3	T875-E-2.0	Total/NA	Solid	8270E	629889
240-212566-4	DUP-7-20241005	Total/NA	Solid	8270E	629889
240-212566-5	T875-E-4.0	Total/NA	Solid	8270E	629889
240-212566-6	T875-W-2.0	Total/NA	Solid	8270E	629889
240-212566-7	T875-W-4.0	Total/NA	Solid	8270E	629889
240-212566-8	T1000-C-2.0	Total/NA	Solid	8270E	629889
240-212566-9	T1000-C-4.0	Total/NA	Solid	8270E	629889
240-212566-10	T1000-W-2.0	Total/NA	Solid	8270E	629889
240-212566-12	T500-W-2.0	Total/NA	Solid	8270E	629889
240-212566-13	T500-W-4.0	Total/NA	Solid	8270E	629889
240-212566-14	T625-E-2.0	Total/NA	Solid	8270E	629889

GC/MS Semi VOA (Continued)

Analysis Batch: 630030 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
240-212566-15	T625-E-4.0	Total/NA	Solid	8270E	629889
240-212566-16	T625-C-2.0	Total/NA	Solid	8270E	629889
240-212566-17	T625-C-4.0	Total/NA	Solid	8270E	629889
240-212566-18	T625-W-2.0	Total/NA	Solid	8270E	629889
240-212566-19	T750-E-2.0	Total/NA	Solid	8270E	629889
240-212566-20	T750-E-4.0	Total/NA	Solid	8270E	629889
240-212566-22	DUP-5-20241005	Total/NA	Solid	8270E	629899
240-212566-24	T1125-E-4.0	Total/NA	Solid	8270E	629899
240-212566-32	DUP7-20241005	Total/NA	Solid	8270E	629899
MB 240-629889/1-A	Method Blank	Total/NA	Solid	8270E	629889
MB 240-629899/23-A	Method Blank	Total/NA	Solid	8270E	629899
LCS 240-629889/2-A	Lab Control Sample	Total/NA	Solid	8270E	629889
LCS 240-629899/24-A	Lab Control Sample	Total/NA	Solid	8270E	629899
240-212566-19 MS	T750-E-2.0	Total/NA	Solid	8270E	629889
240-212566-19 MSD	T750-E-2.0	Total/NA	Solid	8270E	629889

Analysis Batch: 630181

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
240-212566-23	T1125-E-2.0	Total/NA	Solid	8270E	629899
240-212566-28	T375-W-2.0	Total/NA	Solid	8270E	629899
240-212566-29	T375-W-4.0	Total/NA	Solid	8270E	629899
240-212566-23 MS	T1125-E-2.0	Total/NA	Solid	8270E	629899
240-212566-23 MSD	T1125-E-2.0	Total/NA	Solid	8270E	629899

Analysis Batch: 630406

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
240-212566-25	T1125-W-2.0	Total/NA	Solid	8270E	629899
240-212566-30	T375-E-2.0	Total/NA	Solid	8270E	629899
240-212566-31	T375-E-4.0	Total/NA	Solid	8270E	629899
240-212566-33	DUP4-20241004	Total/NA	Solid	8270E	629899
240-212566-25 MS	T1125-W-2.0	Total/NA	Solid	8270E	629899
240-212566-25 MSD	T1125-W-2.0	Total/NA	Solid	8270E	629899

GC Semi VOA

Prep Batch: 629893

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
240-212566-1	DUP-6-20241005	Total/NA	Solid	3546	
240-212566-2	T750-W-2.0	Total/NA	Solid	3546	
240-212566-3	T875-E-2.0	Total/NA	Solid	3546	
240-212566-4	DUP-7-20241005	Total/NA	Solid	3546	
240-212566-5	T875-E-4.0	Total/NA	Solid	3546	
240-212566-6	T875-W-2.0	Total/NA	Solid	3546	
240-212566-7	T875-W-4.0	Total/NA	Solid	3546	
240-212566-8	T1000-C-2.0	Total/NA	Solid	3546	
240-212566-9	T1000-C-4.0	Total/NA	Solid	3546	
240-212566-10	T1000-W-2.0	Total/NA	Solid	3546	
240-212566-12	T500-W-2.0	Total/NA	Solid	3546	
240-212566-13	T500-W-4.0	Total/NA	Solid	3546	
240-212566-14	T625-E-2.0	Total/NA	Solid	3546	
240-212566-15	T625-E-4.0	Total/NA	Solid	3546	

GC Semi VOA (Continued)

Prep Batch: 629893 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
240-212566-16	T625-C-2.0	Total/NA	Solid	3546	
240-212566-17	T625-C-4.0	Total/NA	Solid	3546	
240-212566-18	T625-W-2.0	Total/NA	Solid	3546	
240-212566-19	T750-E-2.0	Total/NA	Solid	3546	
240-212566-20	T750-E-4.0	Total/NA	Solid	3546	
MB 240-629893/1-A	Method Blank	Total/NA	Solid	3546	
LCS 240-629893/2-A	Lab Control Sample	Total/NA	Solid	3546	
240-212566-19 MS	T750-E-2.0	Total/NA	Solid	3546	
240-212566-19 MSD	T750-E-2.0	Total/NA	Solid	3546	

Prep Batch: 629921

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
240-212566-22	DUP-5-20241005	Total/NA	Solid	3546	
240-212566-24	T1125-E-4.0	Total/NA	Solid	3546	
240-212566-25	T1125-W-2.0	Total/NA	Solid	3546	
240-212566-32	DUP7-20241005	Total/NA	Solid	3546	
MB 240-629921/23-A	Method Blank	Total/NA	Solid	3546	
LCS 240-629921/24-A	Lab Control Sample	Total/NA	Solid	3546	
240-212566-23 MS	T1125-E-2.0	Total/NA	Solid	3546	
240-212566-23 MSD	T1125-E-2.0	Total/NA	Solid	3546	
240-212566-25 MS	T1125-W-2.0	Total/NA	Solid	3546	
240-212566-25 MSD	T1125-W-2.0	Total/NA	Solid	3546	

Analysis Batch: 629993

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
240-212566-22	DUP-5-20241005	Total/NA	Solid	8082A	629921
240-212566-24	T1125-E-4.0	Total/NA	Solid	8082A	629921
240-212566-25	T1125-W-2.0	Total/NA	Solid	8082A	629921
240-212566-32	DUP7-20241005	Total/NA	Solid	8082A	629921
MB 240-629921/23-A	Method Blank	Total/NA	Solid	8082A	629921
LCS 240-629921/24-A	Lab Control Sample	Total/NA	Solid	8082A	629921
240-212566-23 MS	T1125-E-2.0	Total/NA	Solid	8082A	629921
240-212566-23 MSD	T1125-E-2.0	Total/NA	Solid	8082A	629921
240-212566-25 MS	T1125-W-2.0	Total/NA	Solid	8082A	629921
240-212566-25 MSD	T1125-W-2.0	Total/NA	Solid	8082A	629921

Analysis Batch: 630039

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
240-212566-1	DUP-6-20241005	Total/NA	Solid	8082A	629893
240-212566-2	T750-W-2.0	Total/NA	Solid	8082A	629893
240-212566-3	T875-E-2.0	Total/NA	Solid	8082A	629893
240-212566-4	DUP-7-20241005	Total/NA	Solid	8082A	629893
240-212566-5	T875-E-4.0	Total/NA	Solid	8082A	629893
240-212566-6	T875-W-2.0	Total/NA	Solid	8082A	629893
240-212566-7	T875-W-4.0	Total/NA	Solid	8082A	629893
240-212566-8	T1000-C-2.0	Total/NA	Solid	8082A	629893
240-212566-9	T1000-C-4.0	Total/NA	Solid	8082A	629893
240-212566-10	T1000-W-2.0	Total/NA	Solid	8082A	629893
240-212566-12	T500-W-2.0	Total/NA	Solid	8082A	629893
240-212566-13	T500-W-4.0	Total/NA	Solid	8082A	629893
240-212566-14	T625-E-2.0	Total/NA	Solid	8082A	629893

GC Semi VOA (Continued)

Analysis Batch: 630039 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
240-212566-15	T625-E-4.0	Total/NA	Solid	8082A	629893
240-212566-16	T625-C-2.0	Total/NA	Solid	8082A	629893
240-212566-17	T625-C-4.0	Total/NA	Solid	8082A	629893
240-212566-18	T625-W-2.0	Total/NA	Solid	8082A	629893
240-212566-19	T750-E-2.0	Total/NA	Solid	8082A	629893
240-212566-20	T750-E-4.0	Total/NA	Solid	8082A	629893
MB 240-629893/1-A	Method Blank	Total/NA	Solid	8082A	629893
LCS 240-629893/2-A	Lab Control Sample	Total/NA	Solid	8082A	629893
240-212566-19 MS	T750-E-2.0	Total/NA	Solid	8082A	629893
240-212566-19 MSD	T750-E-2.0	Total/NA	Solid	8082A	629893

Analysis Batch: 630188

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
240-212566-23	T1125-E-2.0	Total/NA	Solid	8082A	630203
240-212566-28	T375-W-2.0	Total/NA	Solid	8082A	630203
240-212566-29	T375-W-4.0	Total/NA	Solid	8082A	630203
240-212566-30	T375-E-2.0	Total/NA	Solid	8082A	630203
240-212566-31	T375-E-4.0	Total/NA	Solid	8082A	630203
240-212566-33	DUP4-20241004	Total/NA	Solid	8082A	630203
MB 240-630203/1-A	Method Blank	Total/NA	Solid	8082A	630203
LCS 240-630203/2-A	Lab Control Sample	Total/NA	Solid	8082A	630203

Prep Batch: 630203

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
240-212566-23	T1125-E-2.0	Total/NA	Solid	3546	
240-212566-28	T375-W-2.0	Total/NA	Solid	3546	
240-212566-29	T375-W-4.0	Total/NA	Solid	3546	
240-212566-30	T375-E-2.0	Total/NA	Solid	3546	
240-212566-31	T375-E-4.0	Total/NA	Solid	3546	
240-212566-33	DUP4-20241004	Total/NA	Solid	3546	
MB 240-630203/1-A	Method Blank	Total/NA	Solid	3546	
LCS 240-630203/2-A	Lab Control Sample	Total/NA	Solid	3546	

Metals

Prep Batch: 629874

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
240-212566-1	DUP-6-20241005	Total/NA	Solid	3050B	
240-212566-2	T750-W-2.0	Total/NA	Solid	3050B	
240-212566-3	T875-E-2.0	Total/NA	Solid	3050B	
240-212566-4	DUP-7-20241005	Total/NA	Solid	3050B	
240-212566-5	T875-E-4.0	Total/NA	Solid	3050B	
240-212566-6	T875-W-2.0	Total/NA	Solid	3050B	
240-212566-7	T875-W-4.0	Total/NA	Solid	3050B	
240-212566-8	T1000-C-2.0	Total/NA	Solid	3050B	
240-212566-9	T1000-C-4.0	Total/NA	Solid	3050B	
240-212566-10	T1000-W-2.0	Total/NA	Solid	3050B	
240-212566-12	T500-W-2.0	Total/NA	Solid	3050B	
240-212566-13	T500-W-4.0	Total/NA	Solid	3050B	
240-212566-14	T625-E-2.0	Total/NA	Solid	3050B	
240-212566-15	T625-E-4.0	Total/NA	Solid	3050B	

Metals (Continued)

Prep Batch: 629874 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
240-212566-16	T625-C-2.0	Total/NA	Solid	3050B	
240-212566-17	T625-C-4.0	Total/NA	Solid	3050B	
240-212566-18	T625-W-2.0	Total/NA	Solid	3050B	
240-212566-19	T750-E-2.0	Total/NA	Solid	3050B	
240-212566-20	T750-E-4.0	Total/NA	Solid	3050B	
MB 240-629874/1-A	Method Blank	Total/NA	Solid	3050B	
LCS 240-629874/2-A	Lab Control Sample	Total/NA	Solid	3050B	
240-212566-19 MS	T750-E-2.0	Total/NA	Solid	3050B	
240-212566-19 MSD	T750-E-2.0	Total/NA	Solid	3050B	

Prep Batch: 629878

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
240-212566-1	DUP-6-20241005	Total/NA	Solid	7471B	
240-212566-2	T750-W-2.0	Total/NA	Solid	7471B	
240-212566-3	T875-E-2.0	Total/NA	Solid	7471B	
240-212566-4	DUP-7-20241005	Total/NA	Solid	7471B	
240-212566-5	T875-E-4.0	Total/NA	Solid	7471B	
240-212566-6	T875-W-2.0	Total/NA	Solid	7471B	
240-212566-7	T875-W-4.0	Total/NA	Solid	7471B	
240-212566-8	T1000-C-2.0	Total/NA	Solid	7471B	
240-212566-9	T1000-C-4.0	Total/NA	Solid	7471B	
240-212566-10	T1000-W-2.0	Total/NA	Solid	7471B	
240-212566-12	T500-W-2.0	Total/NA	Solid	7471B	
240-212566-13	T500-W-4.0	Total/NA	Solid	7471B	
240-212566-14	T625-E-2.0	Total/NA	Solid	7471B	
240-212566-15	T625-E-4.0	Total/NA	Solid	7471B	
240-212566-16	T625-C-2.0	Total/NA	Solid	7471B	
240-212566-17	T625-C-4.0	Total/NA	Solid	7471B	
240-212566-18	T625-W-2.0	Total/NA	Solid	7471B	
240-212566-19	T750-E-2.0	Total/NA	Solid	7471B	
240-212566-20	T750-E-4.0	Total/NA	Solid	7471B	
MB 240-629878/1-A	Method Blank	Total/NA	Solid	7471B	
LCS 240-629878/2-A	Lab Control Sample	Total/NA	Solid	7471B	
240-212566-19 MS	T750-E-2.0	Total/NA	Solid	7471B	
240-212566-19 MSD	T750-E-2.0	Total/NA	Solid	7471B	

Prep Batch: 629898

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
240-212566-22	DUP-5-20241005	Total/NA	Solid	3050B	
240-212566-23	T1125-E-2.0	Total/NA	Solid	3050B	
240-212566-24	T1125-E-4.0	Total/NA	Solid	3050B	
240-212566-25	T1125-W-2.0	Total/NA	Solid	3050B	
240-212566-28	T375-W-2.0	Total/NA	Solid	3050B	
240-212566-29	T375-W-4.0	Total/NA	Solid	3050B	
240-212566-30	T375-E-2.0	Total/NA	Solid	3050B	
240-212566-31	T375-E-4.0	Total/NA	Solid	3050B	
240-212566-32	DUP7-20241005	Total/NA	Solid	3050B	
240-212566-33	DUP4-20241004	Total/NA	Solid	3050B	
MB 240-629898/1-A	Method Blank	Total/NA	Solid	3050B	
LCS 240-629898/2-A	Lab Control Sample	Total/NA	Solid	3050B	
240-212566-23 MS	T1125-E-2.0	Total/NA	Solid	3050B	

Metals (Continued)

Prep Batch: 629898 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
240-212566-23 MSD	T1125-E-2.0	Total/NA	Solid	3050B	
240-212566-25 MS	T1125-W-2.0	Total/NA	Solid	3050B	
240-212566-25 MSD	T1125-W-2.0	Total/NA	Solid	3050B	

Prep Batch: 629900

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
240-212566-22	DUP-5-20241005	Total/NA	Solid	7471B	
240-212566-23	T1125-E-2.0	Total/NA	Solid	7471B	
240-212566-24	T1125-E-4.0	Total/NA	Solid	7471B	
240-212566-25	T1125-W-2.0	Total/NA	Solid	7471B	
240-212566-28	T375-W-2.0	Total/NA	Solid	7471B	
240-212566-29	T375-W-4.0	Total/NA	Solid	7471B	
240-212566-30	T375-E-2.0	Total/NA	Solid	7471B	
240-212566-31	T375-E-4.0	Total/NA	Solid	7471B	
240-212566-32	DUP7-20241005	Total/NA	Solid	7471B	
240-212566-33	DUP4-20241004	Total/NA	Solid	7471B	
MB 240-629900/1-A	Method Blank	Total/NA	Solid	7471B	
LCS 240-629900/2-A	Lab Control Sample	Total/NA	Solid	7471B	
240-212566-23 MS	T1125-E-2.0	Total/NA	Solid	7471B	
240-212566-23 MSD	T1125-E-2.0	Total/NA	Solid	7471B	
240-212566-25 MS	T1125-W-2.0	Total/NA	Solid	7471B	
240-212566-25 MSD	T1125-W-2.0	Total/NA	Solid	7471B	

Analysis Batch: 630090

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
240-212566-1	DUP-6-20241005	Total/NA	Solid	7471B	629878
240-212566-2	T750-W-2.0	Total/NA	Solid	7471B	629878
240-212566-3	T875-E-2.0	Total/NA	Solid	7471B	629878
240-212566-4	DUP-7-20241005	Total/NA	Solid	7471B	629878
240-212566-5	T875-E-4.0	Total/NA	Solid	7471B	629878
240-212566-6	T875-W-2.0	Total/NA	Solid	7471B	629878
240-212566-7	T875-W-4.0	Total/NA	Solid	7471B	629878
240-212566-8	T1000-C-2.0	Total/NA	Solid	7471B	629878
240-212566-9	T1000-C-4.0	Total/NA	Solid	7471B	629878
240-212566-10	T1000-W-2.0	Total/NA	Solid	7471B	629878
240-212566-12	T500-W-2.0	Total/NA	Solid	7471B	629878
240-212566-13	T500-W-4.0	Total/NA	Solid	7471B	629878
240-212566-14	T625-E-2.0	Total/NA	Solid	7471B	629878
240-212566-15	T625-E-4.0	Total/NA	Solid	7471B	629878
240-212566-16	T625-C-2.0	Total/NA	Solid	7471B	629878
240-212566-17	T625-C-4.0	Total/NA	Solid	7471B	629878
240-212566-18	T625-W-2.0	Total/NA	Solid	7471B	629878
240-212566-19	T750-E-2.0	Total/NA	Solid	7471B	629878
240-212566-20	T750-E-4.0	Total/NA	Solid	7471B	629878
240-212566-22	DUP-5-20241005	Total/NA	Solid	7471B	629900
240-212566-23	T1125-E-2.0	Total/NA	Solid	7471B	629900
240-212566-24	T1125-E-4.0	Total/NA	Solid	7471B	629900
240-212566-25	T1125-W-2.0	Total/NA	Solid	7471B	629900
240-212566-28	T375-W-2.0	Total/NA	Solid	7471B	629900
240-212566-29	T375-W-4.0	Total/NA	Solid	7471B	629900
240-212566-30	T375-E-2.0	Total/NA	Solid	7471B	629900

Metals (Continued)

Analysis Batch: 630090 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
240-212566-31	T375-E-4.0	Total/NA	Solid	7471B	629900
240-212566-32	DUP7-20241005	Total/NA	Solid	7471B	629900
240-212566-33	DUP4-20241004	Total/NA	Solid	7471B	629900
MB 240-629878/1-A	Method Blank	Total/NA	Solid	7471B	629878
MB 240-629900/1-A	Method Blank	Total/NA	Solid	7471B	629900
LCS 240-629878/2-A	Lab Control Sample	Total/NA	Solid	7471B	629878
LCS 240-629900/2-A	Lab Control Sample	Total/NA	Solid	7471B	629900
240-212566-19 MS	T750-E-2.0	Total/NA	Solid	7471B	629878
240-212566-19 MSD	T750-E-2.0	Total/NA	Solid	7471B	629878
240-212566-23 MS	T1125-E-2.0	Total/NA	Solid	7471B	629900
240-212566-23 MSD	T1125-E-2.0	Total/NA	Solid	7471B	629900
240-212566-25 MS	T1125-W-2.0	Total/NA	Solid	7471B	629900
240-212566-25 MSD	T1125-W-2.0	Total/NA	Solid	7471B	629900

Analysis Batch: 630156

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
240-212566-1	DUP-6-20241005	Total/NA	Solid	6010D	629874
240-212566-2	T750-W-2.0	Total/NA	Solid	6010D	629874
240-212566-3	T875-E-2.0	Total/NA	Solid	6010D	629874
240-212566-4	DUP-7-20241005	Total/NA	Solid	6010D	629874
240-212566-5	T875-E-4.0	Total/NA	Solid	6010D	629874
240-212566-6	T875-W-2.0	Total/NA	Solid	6010D	629874
240-212566-7	T875-W-4.0	Total/NA	Solid	6010D	629874
240-212566-8	T1000-C-2.0	Total/NA	Solid	6010D	629874
240-212566-9	T1000-C-4.0	Total/NA	Solid	6010D	629874
240-212566-10	T1000-W-2.0	Total/NA	Solid	6010D	629874
240-212566-12	T500-W-2.0	Total/NA	Solid	6010D	629874
240-212566-13	T500-W-4.0	Total/NA	Solid	6010D	629874
240-212566-14	T625-E-2.0	Total/NA	Solid	6010D	629874
240-212566-15	T625-E-4.0	Total/NA	Solid	6010D	629874
240-212566-16	T625-C-2.0	Total/NA	Solid	6010D	629874
240-212566-17	T625-C-4.0	Total/NA	Solid	6010D	629874
240-212566-18	T625-W-2.0	Total/NA	Solid	6010D	629874
240-212566-19	T750-E-2.0	Total/NA	Solid	6010D	629874
240-212566-20	T750-E-4.0	Total/NA	Solid	6010D	629874
240-212566-22	DUP-5-20241005	Total/NA	Solid	6010D	629898
240-212566-23	T1125-E-2.0	Total/NA	Solid	6010D	629898
240-212566-24	T1125-E-4.0	Total/NA	Solid	6010D	629898
240-212566-25	T1125-W-2.0	Total/NA	Solid	6010D	629898
240-212566-28	T375-W-2.0	Total/NA	Solid	6010D	629898
240-212566-29	T375-W-4.0	Total/NA	Solid	6010D	629898
240-212566-30	T375-E-2.0	Total/NA	Solid	6010D	629898
240-212566-31	T375-E-4.0	Total/NA	Solid	6010D	629898
240-212566-32	DUP7-20241005	Total/NA	Solid	6010D	629898
240-212566-33	DUP4-20241004	Total/NA	Solid	6010D	629898
MB 240-629874/1-A	Method Blank	Total/NA	Solid	6010D	629874
MB 240-629898/1-A	Method Blank	Total/NA	Solid	6010D	629898
LCS 240-629874/2-A	Lab Control Sample	Total/NA	Solid	6010D	629874
LCS 240-629898/2-A	Lab Control Sample	Total/NA	Solid	6010D	629898
240-212566-19 MS	T750-E-2.0	Total/NA	Solid	6010D	629874
240-212566-19 MSD	T750-E-2.0	Total/NA	Solid	6010D	629874

Metals (Continued)

Analysis Batch: 630156 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
240-212566-23 MS	T1125-E-2.0	Total/NA	Solid	6010D	629898
240-212566-23 MSD	T1125-E-2.0	Total/NA	Solid	6010D	629898
240-212566-25 MS	T1125-W-2.0	Total/NA	Solid	6010D	629898
240-212566-25 MSD	T1125-W-2.0	Total/NA	Solid	6010D	629898

General Chemistry

Analysis Batch: 629963

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
240-212566-1	DUP-6-20241005	Total/NA	Solid	Moisture	
240-212566-2	T750-W-2.0	Total/NA	Solid	Moisture	
240-212566-3	T875-E-2.0	Total/NA	Solid	Moisture	
240-212566-4	DUP-7-20241005	Total/NA	Solid	Moisture	
240-212566-5	T875-E-4.0	Total/NA	Solid	Moisture	
240-212566-6	T875-W-2.0	Total/NA	Solid	Moisture	
240-212566-7	T875-W-4.0	Total/NA	Solid	Moisture	
240-212566-8	T1000-C-2.0	Total/NA	Solid	Moisture	
240-212566-9	T1000-C-4.0	Total/NA	Solid	Moisture	
240-212566-10	T1000-W-2.0	Total/NA	Solid	Moisture	
240-212566-12	T500-W-2.0	Total/NA	Solid	Moisture	
240-212566-13	T500-W-4.0	Total/NA	Solid	Moisture	
240-212566-14	T625-E-2.0	Total/NA	Solid	Moisture	
240-212566-15	T625-E-4.0	Total/NA	Solid	Moisture	
240-212566-16	T625-C-2.0	Total/NA	Solid	Moisture	
240-212566-17	T625-C-4.0	Total/NA	Solid	Moisture	
240-212566-18	T625-W-2.0	Total/NA	Solid	Moisture	
240-212566-19	T750-E-2.0	Total/NA	Solid	Moisture	
240-212566-20	T750-E-4.0	Total/NA	Solid	Moisture	
240-212566-22	DUP-5-20241005	Total/NA	Solid	Moisture	
240-212566-23	T1125-E-2.0	Total/NA	Solid	Moisture	
240-212566-24	T1125-E-4.0	Total/NA	Solid	Moisture	
240-212566-25	T1125-W-2.0	Total/NA	Solid	Moisture	
240-212566-28	T375-W-2.0	Total/NA	Solid	Moisture	
240-212566-29	T375-W-4.0	Total/NA	Solid	Moisture	
240-212566-30	T375-E-2.0	Total/NA	Solid	Moisture	
240-212566-31	T375-E-4.0	Total/NA	Solid	Moisture	
240-212566-32	DUP7-20241005	Total/NA	Solid	Moisture	
240-212566-33	DUP4-20241004	Total/NA	Solid	Moisture	
240-212566-19 DU	T750-E-2.0	Total/NA	Solid	Moisture	
240-212566-23 DU	T1125-E-2.0	Total/NA	Solid	Moisture	
240-212566-25 DU	T1125-W-2.0	Total/NA	Solid	Moisture	

Prep Batch: 630111

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
240-212566-28	T375-W-2.0	Total/NA	Solid	9012B	
240-212566-29	T375-W-4.0	Total/NA	Solid	9012B	
240-212566-30	T375-E-2.0	Total/NA	Solid	9012B	
240-212566-31	T375-E-4.0	Total/NA	Solid	9012B	
240-212566-33	DUP4-20241004	Total/NA	Solid	9012B	
MB 240-630111/1-A	Method Blank	Total/NA	Solid	9012B	
LCS 240-630111/2-A	Lab Control Sample	Total/NA	Solid	9012B	

General Chemistry

Analysis Batch: 630149

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
240-212566-28	T375-W-2.0	Total/NA	Solid	9012B	630111
240-212566-29	T375-W-4.0	Total/NA	Solid	9012B	630111
240-212566-30	T375-E-2.0	Total/NA	Solid	9012B	630111
240-212566-31	T375-E-4.0	Total/NA	Solid	9012B	630111
240-212566-33	DUP4-20241004	Total/NA	Solid	9012B	630111
MB 240-630111/1-A	Method Blank	Total/NA	Solid	9012B	630111
LCS 240-630111/2-A	Lab Control Sample	Total/NA	Solid	9012B	630111
MRL 240-630149/10	Lab Control Sample	Total/NA	Solid	9012B	

Prep Batch: 630213

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
240-212566-18	T625-W-2.0	Total/NA	Solid	9012B	
240-212566-19	T750-E-2.0	Total/NA	Solid	9012B	
240-212566-20	T750-E-4.0	Total/NA	Solid	9012B	
MB 240-630213/17-A	Method Blank	Total/NA	Solid	9012B	
LCS 240-630213/18-A	Lab Control Sample	Total/NA	Solid	9012B	
240-212566-19 MS	T750-E-2.0	Total/NA	Solid	9012B	
240-212566-19 MSD	T750-E-2.0	Total/NA	Solid	9012B	

Prep Batch: 630252

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
240-212566-1	DUP-6-20241005	Total/NA	Solid	9012B	
240-212566-2	T750-W-2.0	Total/NA	Solid	9012B	
240-212566-3	T875-E-2.0	Total/NA	Solid	9012B	
240-212566-4	DUP-7-20241005	Total/NA	Solid	9012B	
240-212566-5	T875-E-4.0	Total/NA	Solid	9012B	
240-212566-7	T875-W-4.0	Total/NA	Solid	9012B	
240-212566-8	T1000-C-2.0	Total/NA	Solid	9012B	
240-212566-9	T1000-C-4.0	Total/NA	Solid	9012B	
240-212566-10	T1000-W-2.0	Total/NA	Solid	9012B	
240-212566-12	T500-W-2.0	Total/NA	Solid	9012B	
240-212566-13	T500-W-4.0	Total/NA	Solid	9012B	
240-212566-14	T625-E-2.0	Total/NA	Solid	9012B	
240-212566-15	T625-E-4.0	Total/NA	Solid	9012B	
240-212566-16	T625-C-2.0	Total/NA	Solid	9012B	
240-212566-17	T625-C-4.0	Total/NA	Solid	9012B	
240-212566-22	DUP-5-20241005	Total/NA	Solid	9012B	
240-212566-23	T1125-E-2.0	Total/NA	Solid	9012B	
240-212566-24	T1125-E-4.0	Total/NA	Solid	9012B	
240-212566-25	T1125-W-2.0	Total/NA	Solid	9012B	
240-212566-32	DUP7-20241005	Total/NA	Solid	9012B	
LCS 240-630252/2-A	Lab Control Sample	Total/NA	Solid	9012B	
240-212566-23 MS	T1125-E-2.0	Total/NA	Solid	9012B	
240-212566-23 MSD	T1125-E-2.0	Total/NA	Solid	9012B	
240-212566-25 MS	T1125-W-2.0	Total/NA	Solid	9012B	
240-212566-25 MSD	T1125-W-2.0	Total/NA	Solid	9012B	

Analysis Batch: 630296

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
240-212566-18	T625-W-2.0	Total/NA	Solid	9012B	630213
240-212566-19	T750-E-2.0	Total/NA	Solid	9012B	630213

General Chemistry (Continued)

Analysis Batch: 630296 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
240-212566-20	T750-E-4.0	Total/NA	Solid	9012B	630213
MB 240-630213/17-A	Method Blank	Total/NA	Solid	9012B	630213
LCS 240-630213/18-A	Lab Control Sample	Total/NA	Solid	9012B	630213
MRL 240-630296/10	Lab Control Sample	Total/NA	Solid	9012B	
240-212566-19 MS	T750-E-2.0	Total/NA	Solid	9012B	630213
240-212566-19 MSD	T750-E-2.0	Total/NA	Solid	9012B	630213

Prep Batch: 630310

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
240-212566-6	T875-W-2.0	Total/NA	Solid	9012B	
MB 240-630310/1-A	Method Blank	Total/NA	Solid	9012B	
LCS 240-630310/2-A	Lab Control Sample	Total/NA	Solid	9012B	
240-212566-6 MS	T875-W-2.0	Total/NA	Solid	9012B	
240-212566-6 MSD	T875-W-2.0	Total/NA	Solid	9012B	

Analysis Batch: 630539

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
240-212566-1	DUP-6-20241005	Total/NA	Solid	9012B	630252
240-212566-2	T750-W-2.0	Total/NA	Solid	9012B	630252
240-212566-3	T875-E-2.0	Total/NA	Solid	9012B	630252
240-212566-4	DUP-7-20241005	Total/NA	Solid	9012B	630252
240-212566-5	T875-E-4.0	Total/NA	Solid	9012B	630252
240-212566-6	T875-W-2.0	Total/NA	Solid	9012B	630310
240-212566-7	T875-W-4.0	Total/NA	Solid	9012B	630252
240-212566-8	T1000-C-2.0	Total/NA	Solid	9012B	630252
240-212566-9	T1000-C-4.0	Total/NA	Solid	9012B	630252
240-212566-10	T1000-W-2.0	Total/NA	Solid	9012B	630252
240-212566-12	T500-W-2.0	Total/NA	Solid	9012B	630252
240-212566-13	T500-W-4.0	Total/NA	Solid	9012B	630252
240-212566-14	T625-E-2.0	Total/NA	Solid	9012B	630252
240-212566-15	T625-E-4.0	Total/NA	Solid	9012B	630252
240-212566-16	T625-C-2.0	Total/NA	Solid	9012B	630252
240-212566-17	T625-C-4.0	Total/NA	Solid	9012B	630252
240-212566-22	DUP-5-20241005	Total/NA	Solid	9012B	630252
240-212566-23	T1125-E-2.0	Total/NA	Solid	9012B	630252
240-212566-24	T1125-E-4.0	Total/NA	Solid	9012B	630252
240-212566-25	T1125-W-2.0	Total/NA	Solid	9012B	630252
240-212566-32	DUP7-20241005	Total/NA	Solid	9012B	630252
MB 240-630310/1-A	Method Blank	Total/NA	Solid	9012B	630310
LCS 240-630252/2-A	Lab Control Sample	Total/NA	Solid	9012B	630252
LCS 240-630310/2-A	Lab Control Sample	Total/NA	Solid	9012B	630310
240-212566-6 MS	T875-W-2.0	Total/NA	Solid	9012B	630310
240-212566-6 MSD	T875-W-2.0	Total/NA	Solid	9012B	630310
240-212566-23 MS	T1125-E-2.0	Total/NA	Solid	9012B	630252
240-212566-23 MSD	T1125-E-2.0	Total/NA	Solid	9012B	630252
240-212566-25 MS	T1125-W-2.0	Total/NA	Solid	9012B	630252
240-212566-25 MSD	T1125-W-2.0	Total/NA	Solid	9012B	630252

Client Sample ID: DUP-6-20241005
Lab Sample ID: 240-212566-1
Date Collected: 10/05/24 00:00
Matrix: Solid
Date Received: 10/07/24 13:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	Moisture		1	629963	GZF4	EET CLE	10/08/24 13:25

Client Sample ID: DUP-6-20241005
Lab Sample ID: 240-212566-1
Date Collected: 10/05/24 00:00
Matrix: Solid
Date Received: 10/07/24 13:00
Percent Solids: 82.3

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5030C			629840	CS	EET CLE	10/07/24 19:59
Total/NA	Analysis	8260D		1	629818	TJL2	EET CLE	10/07/24 21:23
Total/NA	Prep	3546			629889	LK2	EET CLE	10/08/24 09:11
Total/NA	Analysis	8270E		1	630030	JMG	EET CLE	10/09/24 12:49
Total/NA	Prep	3546			629893	LK2	EET CLE	10/08/24 09:17
Total/NA	Analysis	8082A		1	630039	MBB	EET CLE	10/09/24 11:25
Total/NA	Prep	3050B			629874	DEE	EET CLE	10/08/24 13:00
Total/NA	Analysis	6010D		1	630156	KLC	EET CLE	10/09/24 16:18
Total/NA	Prep	7471B			629878	DEE	EET CLE	10/08/24 13:00
Total/NA	Analysis	7471B		1	630090	TQ6W	EET CLE	10/09/24 09:51
Total/NA	Prep	9012B			630252	C5SV	EET CLE	10/10/24 11:02
Total/NA	Analysis	9012B		25	630539	VH6H	EET CLE	10/10/24 14:45

Client Sample ID: T750-W-2.0
Lab Sample ID: 240-212566-2
Date Collected: 10/05/24 13:00
Matrix: Solid
Date Received: 10/07/24 13:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	Moisture		1	629963	GZF4	EET CLE	10/08/24 13:25

Client Sample ID: T750-W-2.0
Lab Sample ID: 240-212566-2
Date Collected: 10/05/24 13:00
Matrix: Solid
Date Received: 10/07/24 13:00
Percent Solids: 84.8

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5030C			629840	CS	EET CLE	10/07/24 19:59
Total/NA	Analysis	8260D		1	629818	TJL2	EET CLE	10/07/24 21:47
Total/NA	Prep	3546			629889	LK2	EET CLE	10/08/24 09:11
Total/NA	Analysis	8270E		1	630030	JMG	EET CLE	10/09/24 13:13
Total/NA	Prep	3546			629893	LK2	EET CLE	10/08/24 09:17
Total/NA	Analysis	8082A		1	630039	MBB	EET CLE	10/09/24 11:39
Total/NA	Prep	3050B			629874	DEE	EET CLE	10/08/24 13:00
Total/NA	Analysis	6010D		1	630156	KLC	EET CLE	10/09/24 16:23
Total/NA	Prep	7471B			629878	DEE	EET CLE	10/08/24 13:00
Total/NA	Analysis	7471B		1	630090	TQ6W	EET CLE	10/09/24 09:53
Total/NA	Prep	9012B			630252	C5SV	EET CLE	10/10/24 11:02
Total/NA	Analysis	9012B		25	630539	VH6H	EET CLE	10/10/24 14:49

Client Sample ID: T875-E-2.0
Date Collected: 10/05/24 14:30
Date Received: 10/07/24 13:00

Lab Sample ID: 240-212566-3
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	Moisture		1	629963	GZF4	EET CLE	10/08/24 13:25

Client Sample ID: T875-E-2.0
Date Collected: 10/05/24 14:30
Date Received: 10/07/24 13:00

Lab Sample ID: 240-212566-3
Matrix: Solid
Percent Solids: 80.6

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5030C			629840	CS	EET CLE	10/07/24 19:59
Total/NA	Analysis	8260D		1	629818	TJL2	EET CLE	10/07/24 22:11
Total/NA	Prep	3546			629889	LK2	EET CLE	10/08/24 09:11
Total/NA	Analysis	8270E		1	630030	JMG	EET CLE	10/09/24 13:38
Total/NA	Prep	3546			629893	LK2	EET CLE	10/08/24 09:17
Total/NA	Analysis	8082A		1	630039	MBB	EET CLE	10/09/24 11:54
Total/NA	Prep	3050B			629874	DEE	EET CLE	10/08/24 13:00
Total/NA	Analysis	6010D		1	630156	KLC	EET CLE	10/09/24 16:28
Total/NA	Prep	7471B			629878	DEE	EET CLE	10/08/24 13:00
Total/NA	Analysis	7471B		1	630090	TQ6W	EET CLE	10/09/24 09:54
Total/NA	Prep	9012B			630252	C5SV	EET CLE	10/10/24 11:02
Total/NA	Analysis	9012B		1	630539	VH6H	EET CLE	10/10/24 16:37

Client Sample ID: DUP-7-20241005
Date Collected: 10/05/24 00:00
Date Received: 10/07/24 13:00

Lab Sample ID: 240-212566-4
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	Moisture		1	629963	GZF4	EET CLE	10/08/24 13:25

Client Sample ID: DUP-7-20241005
Date Collected: 10/05/24 00:00
Date Received: 10/07/24 13:00

Lab Sample ID: 240-212566-4
Matrix: Solid
Percent Solids: 81.1

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5030C			629840	CS	EET CLE	10/07/24 19:59
Total/NA	Analysis	8260D		1	629818	TJL2	EET CLE	10/07/24 22:35
Total/NA	Prep	3546			629889	LK2	EET CLE	10/08/24 09:11
Total/NA	Analysis	8270E		1	630030	JMG	EET CLE	10/09/24 14:02
Total/NA	Prep	3546			629893	LK2	EET CLE	10/08/24 09:17
Total/NA	Analysis	8082A		1	630039	MBB	EET CLE	10/09/24 12:08
Total/NA	Prep	3050B			629874	DEE	EET CLE	10/08/24 13:00
Total/NA	Analysis	6010D		1	630156	KLC	EET CLE	10/09/24 16:32
Total/NA	Prep	7471B			629878	DEE	EET CLE	10/08/24 13:00
Total/NA	Analysis	7471B		1	630090	TQ6W	EET CLE	10/09/24 09:56
Total/NA	Prep	9012B			630252	C5SV	EET CLE	10/10/24 11:02
Total/NA	Analysis	9012B		1	630539	VH6H	EET CLE	10/10/24 16:39

Lab Chronicle

Client: August Mack Environmental, Inc.
Project/Site: MSC Canfield - Soil

Job ID: 240-212566-1

Client Sample ID: T875-E-4.0
Date Collected: 10/05/24 14:50
Date Received: 10/07/24 13:00

Lab Sample ID: 240-212566-5
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	Moisture		1	629963	GZF4	EET CLE	10/08/24 13:25

Client Sample ID: T875-E-4.0
Date Collected: 10/05/24 14:50
Date Received: 10/07/24 13:00

Lab Sample ID: 240-212566-5
Matrix: Solid
Percent Solids: 81.8

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5030C			629840	CS	EET CLE	10/07/24 19:59
Total/NA	Analysis	8260D		1	629818	TJL2	EET CLE	10/07/24 22:59
Total/NA	Prep	3546			629889	LK2	EET CLE	10/08/24 09:11
Total/NA	Analysis	8270E		1	630030	JMG	EET CLE	10/09/24 14:27
Total/NA	Prep	3546			629893	LK2	EET CLE	10/08/24 09:17
Total/NA	Analysis	8082A		1	630039	MBB	EET CLE	10/09/24 12:22
Total/NA	Prep	3050B			629874	DEE	EET CLE	10/08/24 13:00
Total/NA	Analysis	6010D		1	630156	KLC	EET CLE	10/09/24 16:37
Total/NA	Prep	7471B			629878	DEE	EET CLE	10/08/24 13:00
Total/NA	Analysis	7471B		1	630090	TQ6W	EET CLE	10/09/24 10:01
Total/NA	Prep	9012B			630252	C5SV	EET CLE	10/10/24 11:02
Total/NA	Analysis	9012B		25	630539	VH6H	EET CLE	10/10/24 15:03

Client Sample ID: T875-W-2.0
Date Collected: 10/05/24 15:50
Date Received: 10/07/24 13:00

Lab Sample ID: 240-212566-6
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	Moisture		1	629963	GZF4	EET CLE	10/08/24 13:25

Client Sample ID: T875-W-2.0
Date Collected: 10/05/24 15:50
Date Received: 10/07/24 13:00

Lab Sample ID: 240-212566-6
Matrix: Solid
Percent Solids: 87.5

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5030C			629840	CS	EET CLE	10/07/24 19:59
Total/NA	Analysis	8260D		1	629818	TJL2	EET CLE	10/07/24 23:23
Total/NA	Prep	3546			629889	LK2	EET CLE	10/08/24 09:11
Total/NA	Analysis	8270E		1	630030	JMG	EET CLE	10/09/24 14:51
Total/NA	Prep	3546			629893	LK2	EET CLE	10/08/24 09:17
Total/NA	Analysis	8082A		1	630039	MBB	EET CLE	10/09/24 12:36
Total/NA	Prep	3050B			629874	DEE	EET CLE	10/08/24 13:00
Total/NA	Analysis	6010D		1	630156	KLC	EET CLE	10/09/24 16:41
Total/NA	Prep	7471B			629878	DEE	EET CLE	10/08/24 13:00
Total/NA	Analysis	7471B		1	630090	TQ6W	EET CLE	10/09/24 10:03
Total/NA	Prep	9012B			630310	C5SV	EET CLE	10/10/24 14:38
Total/NA	Analysis	9012B		5	630539	VH6H	EET CLE	10/10/24 16:52

Client Sample ID: T875-W-4.0

Lab Sample ID: 240-212566-7

Date Collected: 10/06/24 16:00

Matrix: Solid

Date Received: 10/07/24 13:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	Moisture		1	629963	GZF4	EET CLE	10/08/24 13:25

Client Sample ID: T875-W-4.0

Lab Sample ID: 240-212566-7

Date Collected: 10/06/24 16:00

Matrix: Solid

Date Received: 10/07/24 13:00

Percent Solids: 100.0

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5030C			629840	CS	EET CLE	10/07/24 19:59
Total/NA	Analysis	8260D		1	629818	TJL2	EET CLE	10/07/24 23:47
Total/NA	Prep	3546			629889	LK2	EET CLE	10/08/24 09:11
Total/NA	Analysis	8270E		1	630030	JMG	EET CLE	10/09/24 15:15
Total/NA	Prep	3546			629893	LK2	EET CLE	10/08/24 09:17
Total/NA	Analysis	8082A		1	630039	MBB	EET CLE	10/09/24 12:51
Total/NA	Prep	3050B			629874	DEE	EET CLE	10/08/24 13:00
Total/NA	Analysis	6010D		1	630156	KLC	EET CLE	10/09/24 16:46
Total/NA	Prep	7471B			629878	DEE	EET CLE	10/08/24 13:00
Total/NA	Analysis	7471B		1	630090	TQ6W	EET CLE	10/09/24 10:05
Total/NA	Prep	9012B			630252	C5SV	EET CLE	10/10/24 11:02
Total/NA	Analysis	9012B		1	630539	VH6H	EET CLE	10/10/24 16:40

Client Sample ID: T1000-C-2.0

Lab Sample ID: 240-212566-8

Date Collected: 10/06/24 11:50

Matrix: Solid

Date Received: 10/07/24 13:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	Moisture		1	629963	GZF4	EET CLE	10/08/24 13:25

Client Sample ID: T1000-C-2.0

Lab Sample ID: 240-212566-8

Date Collected: 10/06/24 11:50

Matrix: Solid

Date Received: 10/07/24 13:00

Percent Solids: 62.2

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5030C			629840	CS	EET CLE	10/07/24 19:59
Total/NA	Analysis	8260D		1	629818	TJL2	EET CLE	10/08/24 00:11
Total/NA	Prep	3546			629889	LK2	EET CLE	10/08/24 09:11
Total/NA	Analysis	8270E		1	630030	JMG	EET CLE	10/09/24 15:40
Total/NA	Prep	3546			629893	LK2	EET CLE	10/08/24 09:17
Total/NA	Analysis	8082A		1	630039	MBB	EET CLE	10/09/24 13:05
Total/NA	Prep	3050B			629874	DEE	EET CLE	10/08/24 13:00
Total/NA	Analysis	6010D		1	630156	KLC	EET CLE	10/09/24 16:50
Total/NA	Prep	7471B			629878	DEE	EET CLE	10/08/24 13:00
Total/NA	Analysis	7471B		1	630090	TQ6W	EET CLE	10/09/24 10:06
Total/NA	Prep	9012B			630252	C5SV	EET CLE	10/10/24 11:02
Total/NA	Analysis	9012B		1	630539	VH6H	EET CLE	10/10/24 16:42

Client Sample ID: T1000-C-4.0
Lab Sample ID: 240-212566-9
Date Collected: 10/06/24 12:00
Matrix: Solid
Date Received: 10/07/24 13:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	Moisture		1	629963	GZF4	EET CLE	10/08/24 13:25

Client Sample ID: T1000-C-4.0
Lab Sample ID: 240-212566-9
Date Collected: 10/06/24 12:00
Matrix: Solid
Date Received: 10/07/24 13:00
Percent Solids: 81.4

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5030C			629840	CS	EET CLE	10/07/24 19:59
Total/NA	Analysis	8260D		1	629818	TJL2	EET CLE	10/08/24 00:35
Total/NA	Prep	3546			629889	LK2	EET CLE	10/08/24 09:11
Total/NA	Analysis	8270E		1	630030	JMG	EET CLE	10/09/24 16:04
Total/NA	Prep	3546			629893	LK2	EET CLE	10/08/24 09:17
Total/NA	Analysis	8082A		1	630039	MBB	EET CLE	10/09/24 13:19
Total/NA	Prep	3050B			629874	DEE	EET CLE	10/08/24 13:00
Total/NA	Analysis	6010D		1	630156	KLC	EET CLE	10/09/24 16:55
Total/NA	Prep	7471B			629878	DEE	EET CLE	10/08/24 13:00
Total/NA	Analysis	7471B		1	630090	TQ6W	EET CLE	10/09/24 10:08
Total/NA	Prep	9012B			630252	C5SV	EET CLE	10/10/24 11:02
Total/NA	Analysis	9012B		25	630539	VH6H	EET CLE	10/10/24 15:19

Client Sample ID: T1000-W-2.0
Lab Sample ID: 240-212566-10
Date Collected: 10/06/24 12:13
Matrix: Solid
Date Received: 10/07/24 13:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	Moisture		1	629963	GZF4	EET CLE	10/08/24 13:25

Client Sample ID: T1000-W-2.0
Lab Sample ID: 240-212566-10
Date Collected: 10/06/24 12:13
Matrix: Solid
Date Received: 10/07/24 13:00
Percent Solids: 88.2

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5030C			629840	CS	EET CLE	10/07/24 19:59
Total/NA	Analysis	8260D		1	629818	TJL2	EET CLE	10/08/24 00:59
Total/NA	Prep	3546			629889	LK2	EET CLE	10/08/24 09:11
Total/NA	Analysis	8270E		1	630030	JMG	EET CLE	10/09/24 16:29
Total/NA	Prep	3546			629893	LK2	EET CLE	10/08/24 09:17
Total/NA	Analysis	8082A		1	630039	MBB	EET CLE	10/09/24 13:33
Total/NA	Prep	3050B			629874	DEE	EET CLE	10/08/24 13:00
Total/NA	Analysis	6010D		1	630156	KLC	EET CLE	10/09/24 17:08
Total/NA	Prep	7471B			629878	DEE	EET CLE	10/08/24 13:00
Total/NA	Analysis	7471B		1	630090	TQ6W	EET CLE	10/09/24 10:10
Total/NA	Prep	9012B			630252	C5SV	EET CLE	10/10/24 11:02
Total/NA	Analysis	9012B		1	630539	VH6H	EET CLE	10/10/24 16:44

Client Sample ID: T500-W-2.0

Lab Sample ID: 240-212566-12

Date Collected: 10/05/24 08:42

Matrix: Solid

Date Received: 10/07/24 13:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	Moisture		1	629963	GZF4	EET CLE	10/08/24 13:25

Client Sample ID: T500-W-2.0

Lab Sample ID: 240-212566-12

Date Collected: 10/05/24 08:42

Matrix: Solid

Date Received: 10/07/24 13:00

Percent Solids: 75.8

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5030C			629840	CS	EET CLE	10/07/24 19:59
Total/NA	Analysis	8260D		1	629818	TJL2	EET CLE	10/08/24 01:23
Total/NA	Prep	3546			629889	LK2	EET CLE	10/08/24 09:11
Total/NA	Analysis	8270E		1	630030	JMG	EET CLE	10/09/24 16:53
Total/NA	Prep	3546			629893	LK2	EET CLE	10/08/24 09:17
Total/NA	Analysis	8082A		1	630039	MBB	EET CLE	10/09/24 13:47
Total/NA	Prep	3050B			629874	DEE	EET CLE	10/08/24 13:00
Total/NA	Analysis	6010D		1	630156	KLC	EET CLE	10/09/24 17:13
Total/NA	Prep	7471B			629878	DEE	EET CLE	10/08/24 13:00
Total/NA	Analysis	7471B		1	630090	TQ6W	EET CLE	10/09/24 10:11
Total/NA	Prep	9012B			630252	C5SV	EET CLE	10/10/24 11:02
Total/NA	Analysis	9012B		1	630539	VH6H	EET CLE	10/10/24 17:07

Client Sample ID: T500-W-4.0

Lab Sample ID: 240-212566-13

Date Collected: 10/05/24 08:55

Matrix: Solid

Date Received: 10/07/24 13:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	Moisture		1	629963	GZF4	EET CLE	10/08/24 13:25

Client Sample ID: T500-W-4.0

Lab Sample ID: 240-212566-13

Date Collected: 10/05/24 08:55

Matrix: Solid

Date Received: 10/07/24 13:00

Percent Solids: 77.9

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5030C			629840	CS	EET CLE	10/07/24 19:59
Total/NA	Analysis	8260D		1	629818	TJL2	EET CLE	10/08/24 01:47
Total/NA	Prep	3546			629889	LK2	EET CLE	10/08/24 09:11
Total/NA	Analysis	8270E		1	630030	JMG	EET CLE	10/09/24 17:17
Total/NA	Prep	3546			629893	LK2	EET CLE	10/08/24 09:17
Total/NA	Analysis	8082A		1	630039	MBB	EET CLE	10/09/24 14:02
Total/NA	Prep	3050B			629874	DEE	EET CLE	10/08/24 13:00
Total/NA	Analysis	6010D		1	630156	KLC	EET CLE	10/09/24 17:17
Total/NA	Prep	7471B			629878	DEE	EET CLE	10/08/24 13:00
Total/NA	Analysis	7471B		1	630090	TQ6W	EET CLE	10/09/24 10:13
Total/NA	Prep	9012B			630252	C5SV	EET CLE	10/10/24 11:02
Total/NA	Analysis	9012B		1	630539	VH6H	EET CLE	10/10/24 17:08

Client Sample ID: T625-E-2.0
Date Collected: 10/05/24 09:30
Date Received: 10/07/24 13:00

Lab Sample ID: 240-212566-14
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	Moisture		1	629963	GZF4	EET CLE	10/08/24 13:25

Client Sample ID: T625-E-2.0
Date Collected: 10/05/24 09:30
Date Received: 10/07/24 13:00

Lab Sample ID: 240-212566-14
Matrix: Solid
Percent Solids: 78.1

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5030C			629840	CS	EET CLE	10/07/24 19:59
Total/NA	Analysis	8260D		1	629818	TJL2	EET CLE	10/08/24 02:11
Total/NA	Prep	3546			629889	LK2	EET CLE	10/08/24 09:11
Total/NA	Analysis	8270E		1	630030	JMG	EET CLE	10/09/24 17:41
Total/NA	Prep	3546			629893	LK2	EET CLE	10/08/24 09:17
Total/NA	Analysis	8082A		1	630039	MBB	EET CLE	10/09/24 14:16
Total/NA	Prep	3050B			629874	DEE	EET CLE	10/08/24 13:00
Total/NA	Analysis	6010D		1	630156	KLC	EET CLE	10/09/24 17:22
Total/NA	Prep	7471B			629878	DEE	EET CLE	10/08/24 13:00
Total/NA	Analysis	7471B		1	630090	TQ6W	EET CLE	10/09/24 10:15
Total/NA	Prep	9012B			630252	C5SV	EET CLE	10/10/24 11:02
Total/NA	Analysis	9012B		25	630539	VH6H	EET CLE	10/10/24 16:02

Client Sample ID: T625-E-4.0
Date Collected: 10/05/24 09:45
Date Received: 10/07/24 13:00

Lab Sample ID: 240-212566-15
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	Moisture		1	629963	GZF4	EET CLE	10/08/24 13:25

Client Sample ID: T625-E-4.0
Date Collected: 10/05/24 09:45
Date Received: 10/07/24 13:00

Lab Sample ID: 240-212566-15
Matrix: Solid
Percent Solids: 79.5

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5030C			629840	CS	EET CLE	10/07/24 19:59
Total/NA	Analysis	8260D		1	629818	TJL2	EET CLE	10/08/24 02:35
Total/NA	Prep	3546			629889	LK2	EET CLE	10/08/24 09:11
Total/NA	Analysis	8270E		1	630030	JMG	EET CLE	10/09/24 18:06
Total/NA	Prep	3546			629893	LK2	EET CLE	10/08/24 09:17
Total/NA	Analysis	8082A		1	630039	MBB	EET CLE	10/09/24 14:30
Total/NA	Prep	3050B			629874	DEE	EET CLE	10/08/24 13:00
Total/NA	Analysis	6010D		1	630156	KLC	EET CLE	10/09/24 17:40
Total/NA	Prep	7471B			629878	DEE	EET CLE	10/08/24 13:00
Total/NA	Analysis	7471B		1	630090	TQ6W	EET CLE	10/09/24 10:16
Total/NA	Prep	9012B			630252	C5SV	EET CLE	10/10/24 11:02
Total/NA	Analysis	9012B		1	630539	VH6H	EET CLE	10/10/24 17:10

Client Sample ID: T625-C-2.0
Date Collected: 10/05/24 10:15
Date Received: 10/07/24 13:00

Lab Sample ID: 240-212566-16
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	Moisture		1	629963	GZF4	EET CLE	10/08/24 13:25

Client Sample ID: T625-C-2.0
Date Collected: 10/05/24 10:15
Date Received: 10/07/24 13:00

Lab Sample ID: 240-212566-16
Matrix: Solid
Percent Solids: 79.0

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5030C			629840	CS	EET CLE	10/07/24 19:59
Total/NA	Analysis	8260D		1	629818	TJL2	EET CLE	10/08/24 02:59
Total/NA	Prep	3546			629889	LK2	EET CLE	10/08/24 09:11
Total/NA	Analysis	8270E		1	630030	JMG	EET CLE	10/09/24 18:30
Total/NA	Prep	3546			629893	LK2	EET CLE	10/08/24 09:17
Total/NA	Analysis	8082A		1	630039	MBB	EET CLE	10/09/24 14:44
Total/NA	Prep	3050B			629874	DEE	EET CLE	10/08/24 13:00
Total/NA	Analysis	6010D		1	630156	KLC	EET CLE	10/09/24 17:45
Total/NA	Prep	7471B			629878	DEE	EET CLE	10/08/24 13:00
Total/NA	Analysis	7471B		1	630090	TQ6W	EET CLE	10/09/24 10:22
Total/NA	Prep	9012B			630252	C5SV	EET CLE	10/10/24 11:02
Total/NA	Analysis	9012B		25	630539	VH6H	EET CLE	10/10/24 16:14

Client Sample ID: T625-C-4.0
Date Collected: 10/05/24 10:30
Date Received: 10/07/24 13:00

Lab Sample ID: 240-212566-17
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	Moisture		1	629963	GZF4	EET CLE	10/08/24 13:25

Client Sample ID: T625-C-4.0
Date Collected: 10/05/24 10:30
Date Received: 10/07/24 13:00

Lab Sample ID: 240-212566-17
Matrix: Solid
Percent Solids: 81.8

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5030C			629840	CS	EET CLE	10/07/24 19:59
Total/NA	Analysis	8260D		1	629818	TJL2	EET CLE	10/08/24 03:22
Total/NA	Prep	3546			629889	LK2	EET CLE	10/08/24 09:11
Total/NA	Analysis	8270E		1	630030	JMG	EET CLE	10/09/24 18:54
Total/NA	Prep	3546			629893	LK2	EET CLE	10/08/24 09:17
Total/NA	Analysis	8082A		1	630039	MBB	EET CLE	10/09/24 14:58
Total/NA	Prep	3050B			629874	DEE	EET CLE	10/08/24 13:00
Total/NA	Analysis	6010D		1	630156	KLC	EET CLE	10/09/24 17:27
Total/NA	Prep	7471B			629878	DEE	EET CLE	10/08/24 13:00
Total/NA	Analysis	7471B		1	630090	TQ6W	EET CLE	10/09/24 10:23
Total/NA	Prep	9012B			630252	C5SV	EET CLE	10/10/24 11:02
Total/NA	Analysis	9012B		1	630539	VH6H	EET CLE	10/10/24 17:12

Client Sample ID: T625-W-2.0

Date Collected: 10/05/24 11:00
Date Received: 10/07/24 13:00

Lab Sample ID: 240-212566-18

Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	Moisture		1	629963	GZF4	EET CLE	10/08/24 13:25

Client Sample ID: T625-W-2.0

Date Collected: 10/05/24 11:00
Date Received: 10/07/24 13:00

Lab Sample ID: 240-212566-18

Matrix: Solid
Percent Solids: 84.4

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5030C			629840	CS	EET CLE	10/07/24 19:59
Total/NA	Analysis	8260D		1	629818	TJL2	EET CLE	10/08/24 03:46
Total/NA	Prep	3546			629889	LK2	EET CLE	10/08/24 09:11
Total/NA	Analysis	8270E		1	630030	JMG	EET CLE	10/09/24 19:19
Total/NA	Prep	3546			629893	LK2	EET CLE	10/08/24 09:17
Total/NA	Analysis	8082A		1	630039	MBB	EET CLE	10/09/24 15:13
Total/NA	Prep	3050B			629874	DEE	EET CLE	10/08/24 13:00
Total/NA	Analysis	6010D		1	630156	KLC	EET CLE	10/09/24 17:31
Total/NA	Prep	7471B			629878	DEE	EET CLE	10/08/24 13:00
Total/NA	Analysis	7471B		1	630090	TQ6W	EET CLE	10/09/24 10:25
Total/NA	Prep	9012B			630213	C5SV	EET CLE	10/10/24 10:00
Total/NA	Analysis	9012B		25	630296	C5SV	EET CLE	10/10/24 13:15

Client Sample ID: T750-E-2.0

Date Collected: 10/05/24 12:15
Date Received: 10/07/24 13:00

Lab Sample ID: 240-212566-19

Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	Moisture		1	629963	GZF4	EET CLE	10/08/24 13:25

Client Sample ID: T750-E-2.0

Date Collected: 10/05/24 12:15
Date Received: 10/07/24 13:00

Lab Sample ID: 240-212566-19

Matrix: Solid
Percent Solids: 78.3

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5030C			629840	CS	EET CLE	10/07/24 19:59
Total/NA	Analysis	8260D		1	629818	TJL2	EET CLE	10/08/24 04:10
Total/NA	Prep	3546			629889	LK2	EET CLE	10/08/24 09:11
Total/NA	Analysis	8270E		1	630030	JMG	EET CLE	10/09/24 11:36
Total/NA	Prep	3546			629893	LK2	EET CLE	10/08/24 09:17
Total/NA	Analysis	8082A		1	630039	MBB	EET CLE	10/09/24 15:41
Total/NA	Prep	3050B			629874	DEE	EET CLE	10/08/24 13:00
Total/NA	Analysis	6010D		1	630156	KLC	EET CLE	10/09/24 15:47
Total/NA	Prep	7471B			629878	DEE	EET CLE	10/08/24 13:00
Total/NA	Analysis	7471B		1	630090	TQ6W	EET CLE	10/09/24 09:46
Total/NA	Prep	9012B			630213	C5SV	EET CLE	10/10/24 10:00
Total/NA	Analysis	9012B		25	630296	C5SV	EET CLE	10/10/24 13:01

Client Sample ID: T750-E-4.0
Date Collected: 10/05/24 12:40
Date Received: 10/07/24 13:00

Lab Sample ID: 240-212566-20
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	Moisture		1	629963	GZF4	EET CLE	10/08/24 13:25

Client Sample ID: T750-E-4.0
Date Collected: 10/05/24 12:40
Date Received: 10/07/24 13:00

Lab Sample ID: 240-212566-20
Matrix: Solid
Percent Solids: 77.2

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5030C			629840	CS	EET CLE	10/07/24 19:59
Total/NA	Analysis	8260D		1	629818	TJL2	EET CLE	10/08/24 05:46
Total/NA	Prep	3546			629889	LK2	EET CLE	10/08/24 09:11
Total/NA	Analysis	8270E		1	630030	JMG	EET CLE	10/09/24 19:43
Total/NA	Prep	3546			629893	LK2	EET CLE	10/08/24 09:17
Total/NA	Analysis	8082A		1	630039	MBB	EET CLE	10/09/24 16:24
Total/NA	Prep	3050B			629874	DEE	EET CLE	10/08/24 13:00
Total/NA	Analysis	6010D		1	630156	KLC	EET CLE	10/09/24 17:36
Total/NA	Prep	7471B			629878	DEE	EET CLE	10/08/24 13:00
Total/NA	Analysis	7471B		1	630090	TQ6W	EET CLE	10/09/24 10:27
Total/NA	Prep	9012B			630213	C5SV	EET CLE	10/10/24 10:00
Total/NA	Analysis	9012B		25	630296	C5SV	EET CLE	10/10/24 13:19

Client Sample ID: TB-4-20241006
Date Collected: 10/06/24 00:00
Date Received: 10/07/24 13:00

Lab Sample ID: 240-212566-21
Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260D		1	629888	LEE	EET CLE	10/08/24 21:35

Client Sample ID: DUP-5-20241005
Date Collected: 10/05/24 00:00
Date Received: 10/07/24 13:00

Lab Sample ID: 240-212566-22
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	Moisture		1	629963	GZF4	EET CLE	10/08/24 13:25

Client Sample ID: DUP-5-20241005
Date Collected: 10/05/24 00:00
Date Received: 10/07/24 13:00

Lab Sample ID: 240-212566-22
Matrix: Solid
Percent Solids: 85.4

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5030C			629840	CS	EET CLE	10/07/24 19:59
Total/NA	Analysis	8260D		1	629818	TJL2	EET CLE	10/08/24 06:10
Total/NA	Prep	3546			629899	SDE	EET CLE	10/08/24 09:30
Total/NA	Analysis	8270E		1	630030	JMG	EET CLE	10/09/24 20:08
Total/NA	Prep	3546			629921	SDE	EET CLE	10/08/24 10:23
Total/NA	Analysis	8082A		1	629993	MBB	EET CLE	10/08/24 22:09

Lab Chronicle

Client: August Mack Environmental, Inc.
Project/Site: MSC Canfield - Soil

Job ID: 240-212566-1

Client Sample ID: DUP-5-20241005

Lab Sample ID: 240-212566-22
Date Collected: 10/05/24 00:00
Matrix: Solid
Date Received: 10/07/24 13:00
Percent Solids: 85.4

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	3050B			629898	DEE	EET CLE	10/08/24 13:00
Total/NA	Analysis	6010D		1	630156	KLC	EET CLE	10/09/24 14:53
Total/NA	Prep	7471B			629900	DEE	EET CLE	10/08/24 13:00
Total/NA	Analysis	7471B		1	630090	TQ6W	EET CLE	10/09/24 10:46
Total/NA	Prep	9012B			630252	C5SV	EET CLE	10/10/24 11:02
Total/NA	Analysis	9012B		1	630539	VH6H	EET CLE	10/10/24 17:13

Client Sample ID: T1125-E-2.0

Lab Sample ID: 240-212566-23
Date Collected: 10/06/24 13:45
Matrix: Solid
Date Received: 10/07/24 13:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	Moisture		1	629963	GZF4	EET CLE	10/08/24 13:25

Client Sample ID: T1125-E-2.0

Lab Sample ID: 240-212566-23
Date Collected: 10/06/24 13:45
Matrix: Solid
Date Received: 10/07/24 13:00
Percent Solids: 82.8

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5030C			629942	TJL2	EET CLE	10/08/24 11:15
Total/NA	Analysis	8260D		1	629852	TJL2	EET CLE	10/08/24 14:02
Total/NA	Prep	3546			629899	SDE	EET CLE	10/08/24 09:30
Total/NA	Analysis	8270E		1	630181	JMG	EET CLE	10/10/24 12:06
Total/NA	Prep	3546			630203	BV1	EET CLE	10/10/24 09:29
Total/NA	Analysis	8082A		1	630188	MBB	EET CLE	10/10/24 15:44
Total/NA	Prep	3050B			629898	DEE	EET CLE	10/08/24 13:00
Total/NA	Analysis	6010D		1	630156	KLC	EET CLE	10/09/24 14:00
Total/NA	Prep	7471B			629900	DEE	EET CLE	10/08/24 13:00
Total/NA	Analysis	7471B		1	630090	TQ6W	EET CLE	10/09/24 10:32
Total/NA	Prep	9012B			630252	C5SV	EET CLE	10/10/24 11:02
Total/NA	Analysis	9012B		25	630539	VH6H	EET CLE	10/10/24 14:31

Client Sample ID: T1125-E-4.0

Lab Sample ID: 240-212566-24
Date Collected: 10/06/24 14:14
Matrix: Solid
Date Received: 10/07/24 13:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	Moisture		1	629963	GZF4	EET CLE	10/08/24 13:48

Client Sample ID: T1125-E-4.0

Lab Sample ID: 240-212566-24
Date Collected: 10/06/24 14:14
Matrix: Solid
Date Received: 10/07/24 13:00
Percent Solids: 81.8

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5030C			629942	TJL2	EET CLE	10/08/24 11:15
Total/NA	Analysis	8260D		1	629852	TJL2	EET CLE	10/08/24 15:21

Lab Chronicle

Client: August Mack Environmental, Inc.
Project/Site: MSC Canfield - Soil

Job ID: 240-212566-1

Client Sample ID: T1125-E-4.0

Lab Sample ID: 240-212566-24

Date Collected: 10/06/24 14:14
Matrix: Solid
Date Received: 10/07/24 13:00
Percent Solids: 81.8

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	3546			629899	SDE	EET CLE	10/08/24 09:30
Total/NA	Analysis	8270E		1	630030	JMG	EET CLE	10/09/24 20:32
Total/NA	Prep	3546			629921	SDE	EET CLE	10/08/24 10:23
Total/NA	Analysis	8082A		1	629993	MBB	EET CLE	10/08/24 23:16
Total/NA	Prep	3050B			629898	DEE	EET CLE	10/08/24 13:00
Total/NA	Analysis	6010D		1	630156	KLC	EET CLE	10/09/24 14:58
Total/NA	Prep	7471B			629900	DEE	EET CLE	10/08/24 13:00
Total/NA	Analysis	7471B		1	630090	TQ6W	EET CLE	10/09/24 10:47
Total/NA	Prep	9012B			630252	C5SV	EET CLE	10/10/24 11:02
Total/NA	Analysis	9012B		25	630539	VH6H	EET CLE	10/10/24 16:28

Client Sample ID: T1125-W-2.0

Lab Sample ID: 240-212566-25

Date Collected: 10/06/24 14:30
Matrix: Solid
Date Received: 10/07/24 13:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	Moisture		1	629963	GZF4	EET CLE	10/08/24 13:48

Client Sample ID: T1125-W-2.0

Lab Sample ID: 240-212566-25

Date Collected: 10/06/24 14:30
Matrix: Solid
Date Received: 10/07/24 13:00
Percent Solids: 79.2

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5030C			629942	TJL2	EET CLE	10/08/24 11:15
Total/NA	Analysis	8260D		1	629852	TJL2	EET CLE	10/08/24 15:41
Total/NA	Prep	3546			629899	SDE	EET CLE	10/08/24 09:30
Total/NA	Analysis	8270E		1	630406	JMG	EET CLE	10/11/24 11:02
Total/NA	Prep	3546			629921	SDE	EET CLE	10/08/24 10:23
Total/NA	Analysis	8082A		1	629993	MBB	EET CLE	10/08/24 23:33
Total/NA	Prep	3050B			629898	DEE	EET CLE	10/08/24 13:00
Total/NA	Analysis	6010D		1	630156	KLC	EET CLE	10/09/24 14:31
Total/NA	Prep	7471B			629900	DEE	EET CLE	10/08/24 13:00
Total/NA	Analysis	7471B		1	630090	TQ6W	EET CLE	10/09/24 10:37
Total/NA	Prep	9012B			630252	C5SV	EET CLE	10/10/24 11:02
Total/NA	Analysis	9012B		25	630539	VH6H	EET CLE	10/10/24 15:28

Client Sample ID: TB-5-20241006

Lab Sample ID: 240-212566-26

Date Collected: 10/06/24 00:00
Matrix: Water
Date Received: 10/07/24 13:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260D		1	629888	LEE	EET CLE	10/08/24 22:01

Client Sample ID: TB-6-20241006

Lab Sample ID: 240-212566-27
Matrix: Water
Date Collected: 10/06/24 00:00
Date Received: 10/07/24 13:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260D		1	629888	LEE	EET CLE	10/08/24 22:26

Client Sample ID: T375-W-2.0

Lab Sample ID: 240-212566-28
Matrix: Solid
Date Collected: 10/04/24 16:03
Date Received: 10/07/24 13:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	Moisture		1	629963	GZF4	EET CLE	10/08/24 13:48

Client Sample ID: T375-W-2.0

Lab Sample ID: 240-212566-28
Matrix: Solid
Date Collected: 10/04/24 16:03
Date Received: 10/07/24 13:00
Percent Solids: 77.0

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5030C			629942	TJL2	EET CLE	10/08/24 11:15
Total/NA	Analysis	8260D		1	629852	TJL2	EET CLE	10/08/24 17:00
Total/NA	Prep	3546			629899	SDE	EET CLE	10/08/24 09:30
Total/NA	Analysis	8270E		1	630181	JMG	EET CLE	10/10/24 13:19
Total/NA	Prep	3546			630203	BV1	EET CLE	10/10/24 09:29
Total/NA	Analysis	8082A		1	630188	MBB	EET CLE	10/10/24 15:59
Total/NA	Prep	3050B			629898	DEE	EET CLE	10/08/24 13:00
Total/NA	Analysis	6010D		1	630156	KLC	EET CLE	10/09/24 15:02
Total/NA	Prep	7471B			629900	DEE	EET CLE	10/08/24 13:00
Total/NA	Analysis	7471B		1	630090	TQ6W	EET CLE	10/09/24 10:49
Total/NA	Prep	9012B			630111	BLW	EET CLE	10/09/24 13:22
Total/NA	Analysis	9012B		50	630149	BLW	EET CLE	10/09/24 16:16

Client Sample ID: T375-W-4.0

Lab Sample ID: 240-212566-29
Matrix: Solid
Date Collected: 10/04/24 16:30
Date Received: 10/07/24 13:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	Moisture		1	629963	GZF4	EET CLE	10/08/24 13:48

Client Sample ID: T375-W-4.0

Lab Sample ID: 240-212566-29
Matrix: Solid
Date Collected: 10/04/24 16:30
Date Received: 10/07/24 13:00
Percent Solids: 74.6

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5030C			629942	TJL2	EET CLE	10/08/24 11:15
Total/NA	Analysis	8260D		1	629852	TJL2	EET CLE	10/08/24 17:20
Total/NA	Prep	3546			629899	SDE	EET CLE	10/08/24 09:30
Total/NA	Analysis	8270E		1	630181	JMG	EET CLE	10/10/24 13:44
Total/NA	Prep	3546			630203	BV1	EET CLE	10/10/24 09:29
Total/NA	Analysis	8082A		1	630188	MBB	EET CLE	10/10/24 16:13

Client Sample ID: T375-W-4.0

Lab Sample ID: 240-212566-29
Date Collected: 10/04/24 16:30
Matrix: Solid
Date Received: 10/07/24 13:00
Percent Solids: 74.6

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	3050B			629898	DEE	EET CLE	10/08/24 13:00
Total/NA	Analysis	6010D		1	630156	KLC	EET CLE	10/09/24 15:07
Total/NA	Prep	7471B			629900	DEE	EET CLE	10/08/24 13:00
Total/NA	Analysis	7471B		1	630090	TQ6W	EET CLE	10/09/24 10:51
Total/NA	Prep	9012B			630111	BLW	EET CLE	10/09/24 13:22
Total/NA	Analysis	9012B		50	630149	BLW	EET CLE	10/09/24 16:21

Client Sample ID: T375-E-2.0

Lab Sample ID: 240-212566-30
Date Collected: 10/04/24 15:30
Matrix: Solid
Date Received: 10/07/24 13:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	Moisture		1	629963	GZF4	EET CLE	10/08/24 13:48

Client Sample ID: T375-E-2.0

Lab Sample ID: 240-212566-30
Date Collected: 10/04/24 15:30
Matrix: Solid
Date Received: 10/07/24 13:00
Percent Solids: 75.8

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5030C			629942	TJL2	EET CLE	10/08/24 11:15
Total/NA	Analysis	8260D		1	629852	TJL2	EET CLE	10/08/24 17:40
Total/NA	Prep	3546			629899	SDE	EET CLE	10/08/24 09:30
Total/NA	Analysis	8270E		1	630406	JMG	EET CLE	10/11/24 12:39
Total/NA	Prep	3546			630203	BV1	EET CLE	10/10/24 09:29
Total/NA	Analysis	8082A		1	630188	MBB	EET CLE	10/10/24 16:27
Total/NA	Prep	3050B			629898	DEE	EET CLE	10/08/24 13:00
Total/NA	Analysis	6010D		1	630156	KLC	EET CLE	10/09/24 15:20
Total/NA	Prep	7471B			629900	DEE	EET CLE	10/08/24 13:00
Total/NA	Analysis	7471B		1	630090	TQ6W	EET CLE	10/09/24 10:52
Total/NA	Prep	9012B			630111	BLW	EET CLE	10/09/24 13:22
Total/NA	Analysis	9012B		50	630149	BLW	EET CLE	10/09/24 16:25

Client Sample ID: T375-E-4.0

Lab Sample ID: 240-212566-31
Date Collected: 10/04/24 15:35
Matrix: Solid
Date Received: 10/07/24 13:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	Moisture		1	629963	GZF4	EET CLE	10/08/24 13:48

Client Sample ID: T375-E-4.0

Lab Sample ID: 240-212566-31
Date Collected: 10/04/24 15:35
Matrix: Solid
Date Received: 10/07/24 13:00
Percent Solids: 73.2

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5030C			629942	TJL2	EET CLE	10/08/24 11:15
Total/NA	Analysis	8260D		1	629852	TJL2	EET CLE	10/08/24 18:00

Client Sample ID: T375-E-4.0

Lab Sample ID: 240-212566-31
Date Collected: 10/04/24 15:35
Matrix: Solid
Date Received: 10/07/24 13:00
Percent Solids: 73.2

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	3546			629899	SDE	EET CLE	10/08/24 09:30
Total/NA	Analysis	8270E		1	630406	JMG	EET CLE	10/11/24 12:15
Total/NA	Prep	3546			630203	BV1	EET CLE	10/10/24 09:29
Total/NA	Analysis	8082A		1	630188	MBB	EET CLE	10/10/24 16:41
Total/NA	Prep	3050B			629898	DEE	EET CLE	10/08/24 13:00
Total/NA	Analysis	6010D		1	630156	KLC	EET CLE	10/09/24 15:25
Total/NA	Prep	7471B			629900	DEE	EET CLE	10/08/24 13:00
Total/NA	Analysis	7471B		1	630090	TQ6W	EET CLE	10/09/24 10:54
Total/NA	Prep	9012B			630111	BLW	EET CLE	10/09/24 13:22
Total/NA	Analysis	9012B		50	630149	BLW	EET CLE	10/09/24 16:30

Client Sample ID: DUP7-20241005

Lab Sample ID: 240-212566-32
Date Collected: 10/05/24 00:00
Matrix: Solid
Date Received: 10/07/24 13:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	Moisture		1	629963	GZF4	EET CLE	10/08/24 13:48

Client Sample ID: DUP7-20241005

Lab Sample ID: 240-212566-32
Date Collected: 10/05/24 00:00
Matrix: Solid
Date Received: 10/07/24 13:00
Percent Solids: 87.1

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5030C			629942	TJL2	EET CLE	10/08/24 11:15
Total/NA	Analysis	8260D		1	629852	TJL2	EET CLE	10/08/24 18:19
Total/NA	Prep	3546			629899	SDE	EET CLE	10/08/24 09:30
Total/NA	Analysis	8270E		1	630030	JMG	EET CLE	10/09/24 20:56
Total/NA	Prep	3546			629921	SDE	EET CLE	10/08/24 10:23
Total/NA	Analysis	8082A		1	629993	MBB	EET CLE	10/09/24 01:32
Total/NA	Prep	3050B			629898	DEE	EET CLE	10/08/24 13:00
Total/NA	Analysis	6010D		1	630156	KLC	EET CLE	10/09/24 15:29
Total/NA	Prep	7471B			629900	DEE	EET CLE	10/08/24 13:00
Total/NA	Analysis	7471B		1	630090	TQ6W	EET CLE	10/09/24 10:56
Total/NA	Prep	9012B			630252	C5SV	EET CLE	10/10/24 11:02
Total/NA	Analysis	9012B		25	630539	VH6H	EET CLE	10/10/24 16:32

Client Sample ID: DUP4-20241004

Lab Sample ID: 240-212566-33
Date Collected: 10/04/24 00:00
Matrix: Solid
Date Received: 10/07/24 13:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	Moisture		1	629963	GZF4	EET CLE	10/08/24 13:48

Lab Chronicle

Client: August Mack Environmental, Inc.
Project/Site: MSC Canfield - Soil

Job ID: 240-212566-1

Client Sample ID: DUP4-20241004

Date Collected: 10/04/24 00:00
Date Received: 10/07/24 13:00

Lab Sample ID: 240-212566-33

Matrix: Solid
Percent Solids: 76.1

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5030C			629942	TJL2	EET CLE	10/08/24 11:15
Total/NA	Analysis	8260D		1	629852	TJL2	EET CLE	10/08/24 18:39
Total/NA	Prep	3546			629899	SDE	EET CLE	10/08/24 09:30
Total/NA	Analysis	8270E		1	630406	JMG	EET CLE	10/11/24 13:03
Total/NA	Prep	3546			630203	BV1	EET CLE	10/10/24 09:29
Total/NA	Analysis	8082A		1	630188	MBB	EET CLE	10/10/24 16:55
Total/NA	Prep	3050B			629898	DEE	EET CLE	10/08/24 13:00
Total/NA	Analysis	6010D		1	630156	KLC	EET CLE	10/09/24 15:34
Total/NA	Prep	7471B			629900	DEE	EET CLE	10/08/24 13:00
Total/NA	Analysis	7471B		1	630090	TQ6W	EET CLE	10/09/24 10:58
Total/NA	Prep	9012B			630111	BLW	EET CLE	10/09/24 13:22
Total/NA	Analysis	9012B		50	630149	BLW	EET CLE	10/09/24 16:34

Laboratory References:

EET CLE = Eurofins Cleveland, 180 S. Van Buren Avenue, Barberton, OH 44203, TEL (330)497-9396

Accreditation/Certification Summary

Client: August Mack Environmental, Inc. Job ID: 240-212566-1
Project/Site: MSC Canfield - Soil

Laboratory: Eurofins Cleveland

All accreditations/certifications held by this laboratory are listed. Not all accreditations/certifications are applicable to this report.

Authority	Program	Identification Number	Expiration Date
California	State	2927	02-28-25
Georgia	State	4062	02-27-25
Illinois	NELAP	200004	08-31-25
Iowa	State	421	06-01-25
Kentucky (UST)	State	112225	02-27-25
Kentucky (WW)	State	KY98016	12-30-24
Minnesota	NELAP	039-999-348	12-31-24
New Hampshire	NELAP	225024	09-30-25
New Jersey	NELAP	OH001	07-03-25
New York	NELAP	10975	04-02-25
Ohio VAP	State	ORELAP 4062	02-27-25
Oregon	NELAP	4062	02-27-25
Pennsylvania	NELAP	68-00340	08-31-25
Texas	NELAP	T104704517-22-19	08-31-25
USDA	US Federal Programs	P330-18-00281	01-05-27
Virginia	NELAP	460175	09-14-25
West Virginia DEP	State	210	12-31-24

Eurofins Cleveland
180 S. Van Buren Avenue
Barberton, OH 44203
Phone (330) 497-9396 Phone (330) 497-0772

2.4

Chain of Custody Record

eurofins | Environment Testing

Client Information	Sampler:	Lab PM: Kalis, Nicole A	Carrier Tracking No(s):	COC No: 240-124901-43556.7
Client Contact: Kain Lager-Lowe	Phone:	E-Mail: Nicole.Kalis@et.eurofinsus.com	State of Origin:	Page: Page 7 of 12
Company: August Mack Environmental, Inc.	PWSID:			Job #:
Address: 7830 North Central Drive, Suite B	Due Date Requested:			
City: Lewis Center	TAT Requested (days):			
State, Zip: OH, 43035	Compliance Project: Δ Yes Δ No			
Phone: 740-548-1515(Tel)	PO #:			
Email: klagerlowe@augustmack.com	WO #:			
Project Name: MSC Canfield - Soil/Surface Water	Project #: DO NOT DELETE - 24033889			
Site:	SSOW#:			

Analysis Requested

Preservation Codes:
N - None
A - HCL
B - NaOH
D - HNO3

Other:

Sample Identification	Sample Date	Sample Time	Sample Type (C=Comp, G=grab)	Matrix (W=water, S=solid, O=waste/oil, BT=Tissue, A=Air)	Field Filtered Sample (Yes or No)	Perform MS/MSD (Yes or No)	8260D - TCL OLM03.1/4.2 Volatile Analyte List	8260D - VOCs	8270E - SVOCs	8082A - PCBs	6010D, 7471B - RCRA 8, Cu & Zn	9012B - Total Cyanide	7196A - Hexavalent Chromium	1677 - Free Cyanide						Special Instructions/Note:
			Preservation Code:				N	N	N	N	N	N	N	N						
Dup-6-20241005	10-5-24	—	G	Solid			X	X	X	X	X	X	X	X						b
T750-W-2.0	10-5-24	1300	G	Solid			X	X	X	X	X	X	X	X						b
T875-E-2.0	10-5-24	1430	G	Solid			X	X	X	X	X	X	X	X						b
DUP-7-20241005	10-5-24	—	G	Solid			X	X	X	X	X	X	X	X						b
T875-E-4.0	10-5-24	1450	G	Solid			X	X	X	X	X	X	X	X						b
T875-W-2.0	10-5-24	1550	G	Solid			X	X	X	X	X	X	X	X						b
T875-W-4.0	10-5-24	1600	G	Solid			X	X	X	X	X	X	X	X						b
T1000-C-2.0	10-6-24	1150	G	Solid			X	X	X	X	X		X	X						b
T1000-C-4.0	10-6-24	1200	G	Solid			X	X	X	X	X	X	X	X						b
T1000-W-2.0	10-6-24	1215	G	Solid			X	X	X	X	X	X	X	X						b
Dup-8-20241006	10-6-24	/	G	Solid			X	X	X	X	X	X	X	X						b

240-212566 COC

Possible Hazard Identification
☐ Non-Hazard ☐ Flammable ☐ Skin Irritant ☐ Poison B ☐ Unknown ☐ Radiological

Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)
☐ Return To Client ☐ Disposal By Lab ☐ Archive For _____ Months

Deliverable Requested: I, II, III, IV, Other (specify)

Special Instructions/QC Requirements:

Empty Kit Relinquished by: | Date: | Time: | Method of Shipment:

Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company
Kenneth S <--	10/9/24 1300	AME	JESSICA RIGDON	10.7.24 1300	EBTNC
Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company
Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company

Custody Seals Intact: Δ Yes Δ No | Custody Seal No.: | Cooler Temperature(s) °C and Other Remarks:

Eurofins Cleveland
180 S. Van Buren Avenue
Barberton, OH 44203
Phone (330) 497-9396 Phone (330) 497-0772

Chain of Custody Record

eurofins | Environment Testing

Client Information	Sampler: Elisabeth Webber	Lab PM: Kalis, Nicole A	Carrier Tracking No(s):	COC No: 240-124901-43556.8
Client Contact: Kain Lager-Lowe	Phone:	E-Mail: Nicole.Kalis@et.eurofinsus.com	State of Origin: OH	Page: Page 8 of 12
Company: August Mack Environmental, Inc.	PWSID:			Job #:
Address: 7830 North Central Drive, Suite B	Due Date Requested:			
City: Lewis Center	TAT Requested (days):			
State, Zip: OH, 43035	Compliance Project: Δ Yes Δ No			
Phone: 740-548-1515(Tel)	PO #:			
Email: klagerlowe@augustmack.com	WO #:			
Project Name: MSC Canfield - Soil/Surface Water	Project #: DO NOT DELETE - 24033889			
Site:	SSOW#:			

Analysis Requested

Preservation Codes:
N - None
A - HCL
B - NaOH
D - HNO3

Other:

Sample Identification	Sample Date	Sample Time	Sample Type (C=Comp, G=grab)	Matrix (W=water, S=solid, O=waste/oil, BT=Tissue, A=Air)	Field Filtered Sample (Yes or No)	8260D - VOCs	8270E - SVOCs	8082A - PCBs	6010D, 7471B - RCRA 8, Cu & Zn	9012B - Total Cyanide	7196A - Hexavalent Chromium	1677 - Free Cyanide	Total Number of Containers	Special Instructions/Note:
T500-W-2.0	10-5-24	0842	G	Solid	N	X	X	X	X	X	X	X		
T500-W-4.0	10-5-24	0855	G	Solid		X	X	X	X	X	X	X		
T625-E-2.0	10-5-24	0930	G	Solid		X	X	X	X	X	X	X		
T625-E-4.0	10-5-24	0945	G	Solid		X	X	X	X	X	X	X		
T625-C-2.0	10-5-24	1015	G	Solid		X	X	X	X	X	X	X		
T625-C-4.0	10-5-24	1030	G	Solid		X	X	X	X	X	X	X		
~~T625-E-4.0~~ GW T-625-W-20	10-5-24	1100	G	Solid		X	X	X	X	X	X	X		
T750-E-2.0	10-5-24	1215	G	Solid	Y	X	X	X	X	X	X	X		
T750-E-4.0	10-5-24	1240	G	Solid		X	X	X	X	X	X	X		
TB-4-20241006	10-6-24	—	—	Solid										
DUP-5-20241005	10-5-24	—	G	Solid		X	X	X	X	X	X	X		

Possible Hazard Identification
☐ Non-Hazard ☐ Flammable ☐ Skin Irritant ☐ Poison B ☐ Unknown ☐ Radiological

Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)
☐ Return To Client ☐ Disposal By Lab ☐ Archive For _____ Months

Deliverable Requested: I, II, III, IV, Other (specify)

Special Instructions/QC Requirements:

Empty Kit Relinquished by:	Date:	Time:	Method of Shipment:

Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company
Kenneth Sloan	10/7/24 1300	AME	JESSICA RIGDON	10-7-24 1300	EETNC
Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company
Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company

Custody Seals Intact: Δ Yes Δ No | Custody Seal No.:

Cooler Temperature(s) °C and Other Remarks:

1.0|2.7

Eurofins Cleveland
180 S. Van Buren Avenue
Barberton, OH 44203
Phone (330) 497-9396 Phone (330) 497-0772

Chain of Custody Record

eurofins | Environment Testing

Client Information	Sampler: Samson Lee	Lab PM: Kalis, Nicole A	Carrier Tracking No(s):	COC No: 240-124901-43556.9
Client Contact: Kain Lager-Lowe	Phone:	E-Mail: Nicole.Kalis@et.eurofinsus.com	State of Origin: OH	Page: Page 9 of 12
Company: August Mack Environmental, Inc.	PWSID:			Job #:
Address: 7830 North Central Drive, Suite B	Due Date Requested:			
City: Lewis Center	TAT Requested (days):			
State, Zip: OH, 43035	Compliance Project: Δ Yes Δ No			
Phone: 740-548-1515(Tel)	PO #:			
Email: klagerlowe@augustmack.com	WO #:			
Project Name: MSC Canfield - Soil/Surface Water	Project #: DO NOT DELETE - 24033889			
Site:	SSOW#:			

Analysis Requested

Preservation Codes:
N - None
A - HCL
B - NaOH
D - HNO3
Other:

Sample Identification	Sample Date	Sample Time	Sample Type (C=Comp, G=grab)	Matrix (W=water, S=solid, O=waste/oil, BT=Tissue, A=Air)	Field Filtered Sample (Yes or No)	Perform MS/MSD (Yes or No)	8260D - VOCs	8270E - SVOCs	8082A - PCBs	6010D, 7471B - RCRA 8, Cu & Zn	9012B - Total Cyanide	7196A - Hexavalent Chromium	1677 - Free Cyanide						Total Number of containers	Special Instructions/Note:
			Preservation Code:		X	X	N	N	N	N	N	N	N						X	
T1125-G-2.0	10-6-24	1345	G	Solid	N		X	X	X	X	X	X	X						18	
T1125-G-4.0	10-6-24	1414	G	Solid			X	X	X	X	X	X	X						6	
T1125-W-2.0	10-6-24	1430	G	Solid			X	X	X	X	X	X	X						18	
TB-5-20241006	10-6-24	—	—	Solid															1	
TB-6-20241006	10-6-24	—	—	Solid															1	
				Solid																
				Solid																
				Solid																
				Solid																
				Solid																
				Solid																

Possible Hazard Identification
☐ Non-Hazard ☐ Flammable ☐ Skin Irritant ☐ Poison B ☐ Unknown ☐ Radiological

Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)
☐ Return To Client ☐ Disposal By Lab ☐ Archive For _____ Months

Deliverable Requested: I, II, III, IV, Other (specify)

Special Instructions/QC Requirements:

Empty Kit Relinquished by:	Date:	Time:	Method of Shipment:

Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company
Kenan E Lee	10/9/24 1300	AME	JESSICA RIGDON	10.7.24 1300	EETNC
Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company
Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company

Custody Seals Intact: Δ Yes Δ No	Custody Seal No.:	Cooler Temperature(s) °C and Other Remarks:

Eurofins Cleveland
180 S. Van Buren Avenue
Barberton, OH 44203
Phone (330) 497-9396 Phone (330) 497-0772

Chain of Custody Record

eurofins | Environment Testing

Client Information	Sampler: SL	Lab PM: Kalis, Nicole A	Carrier Tracking No(s):	COC No: 240-124901-43556.1
Client Contact: Kain Lager-Lowe	Phone:	E-Mail: Nicole.Kalis@et.eurofinsus.com	State of Origin:	Page: Page 1 of 12
Company: August Mack Environmental, Inc.	PWSID:			Job #:
Address: 7830 North Central Drive, Suite B	Due Date Requested:			
City: Lewis Center	TAT Requested (days): 3 Day TAT			
State, Zip: OH, 43035	Compliance Project: Δ Yes Δ No			
Phone: 740-548-1515(Tel)	PO #:			
Email: klagerlowe@augustmack.com	WO #:			
Project Name: MSC Canfield - Soil/Surface Water	Project #: DO NOT DELETE - 24033889			
Site:	SSOW#:			

Analysis Requested

Preservation Codes:
N - None
A - HCL
B - NaOH
D - HNO3
Other:

Sample Identification	Sample Date	Sample Time	Sample Type (C=comp, G=grab)	Matrix (W=water, S=solid, O=wastefoil, BT=Tissue, A=Air)	Field Filtered Sample (Yes or No)	8260D - VOCs	8270E - SVOCs	8082A - PCBs	6010D, 7471B - RCRA 8, Cu & Zn	9012B - Total Cyanide	7196A - Hexavalent Chromium	1677 - Free Cyanide	Total Number of containers	Special Instructions/Note:
			Preservation Code:			N	N	N	N	N	N	N		
T375-W-2.0	10/4/24	1603	G	Solid		X	X	X	X	X	X	X	6	
T375-W-4.0		1630		Solid									6	
T375-E-2.0		1530		Solid									6	
T375-E-4.0		1535		Solid									6	
Dup7-20241005	10/5/24			Solid									6	
Dup4-20241004	10/4/24		G	Solid									6	
				Solid										
				Solid										
				Solid										
				Solid										
				Solid										

Possible Hazard Identification
☐ Non-Hazard ☐ Flammable ☐ Skin Irritant ☐ Poison B ☐ Unknown ☐ Radiological

Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)
☐ Return To Client ☐ Disposal By Lab ☐ Archive For _____ Months

Deliverable Requested: I, II, III, IV, Other (specify)

Special Instructions/QC Requirements:

Empty Kit Relinquished by:	Date:	Time:	Method of Shipment:			
Relinquished by:	Date/Time: 10/7/24 1300	Company AME	Received by: JESSICA RIGDON	Date/Time: 10.7.24 1300	Company EETNC
Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company
Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company

Custody Seals Intact: Δ Yes Δ No | Custody Seal No.: | Cooler Temperature(s) °C and Other Remarks:

Ver: 05/06/2024

Eurofins – Cleveland Sample Receipt Form/Narrative **Login # :** 212566
Barberton Facility

Client August Mack Site Name

Cooler unpacked by: JESSICA RIGDON

Cooler Received on 10-7-24 Opened on 10-7-24

FedEx: 1st Grd Exp UPS FAS Waypoint (Client Drop Off) Eurofins Courier Other

Receipt After-hours: Drop-off Date/Time Storage Location

Eurofins Cooler # EC Foam Box Client Cooler Box Other

Packing material used: Bubble Wrap Foam (Plastic Bag) None Other

COOLANT: (Wet Ice) Blue Ice Dry Ice Water None

1. Cooler temperature upon receipt (X) See Multiple Cooler Form
   IR GUN # 19 (CF +1.7 °C) Observed Cooler Temp. °C Corrected Cooler Temp. °C

2. Were tamper/custody seals on the outside of the cooler(s)? If Yes Quantity	Yes (No)	**Tests that are not checked for pH by Receiving:**
-Were the seals on the outside of the cooler(s) signed & dated?	Yes No (NA)	**VOAs**
-Were tamper/custody seals on the bottle(s) or bottle kits (LLHg/MeHg)?	Yes (No)	**Oil and Grease**
-Were tamper/custody seals intact and uncompromised?	Yes No (NA)	**TOC**
3. Shippers' packing slip attached to the cooler(s)?	Yes (No)	
4. Did custody papers accompany the sample(s)?	(Yes) No	
5. Were the custody papers relinquished & signed in the appropriate place?	(Yes) No	
6. Was/were the person(s) who collected the samples clearly identified on the COC?	(Yes) No	
7. Did all bottles arrive in good condition (Unbroken)?	(Yes) No	
8. Could all bottle labels (ID/Date/Time) be reconciled with the COC?	DWE 10-7-24 (Yes) (No)	
9. For each sample, does the COC specify preservatives (Y/N), # of containers (Y/N), and sample type of grab/comp (Y/N)?	(Y/N)	
10. Were correct bottle(s) used for the test(s) indicated?	(Yes) No	
11. Sufficient quantity received to perform indicated analyses?	(Yes) No	
12. Are these work share samples and all listed on the COC?	Yes (No)	
If yes, Questions 13-17 have been checked at the originating laboratory.		
13. Were all preserved sample(s) at the correct pH upon receipt?	Yes No (NA)	pH Strip Lot# HC447997
14. Were VOAs on the COC?	(Yes) No	
15. Were air bubbles >6 mm in any VOA vials? ● ⬅ Larger than this.	Yes (No) NA	
16. Was a VOA trip blank present in the cooler(s)? Trip Blank Lot # 0041317	(Yes) No	
17. Was a LL Hg or Me Hg trip blank present?	Yes (No)	

Contacted PM Date by via Verbal Voice Mail Other

Concerning

18. CHAIN OF CUSTODY & SAMPLE DISCREPANCIES (X) additional next page

Samples processed by:

H625 w 2.0 → only received 6 containers DWE 10-7-24

See next page for discrepencies. DWE 10-7-24

19. SAMPLE CONDITION

Sample(s) were received after the recommended holding time had expired.

Sample(s) were received in a broken container.

Sample(s) were received with bubble >6 mm in diameter. (Notify PM)

20. SAMPLE PRESERVATION

Sample(s) were further preserved in the laboratory.

Time preserved: Preservative(s) added/Lot number(s):

VOA Sample Preservation - Date/Time VOAs Frozen:

August Mack rec'd 10.7.24 212566

18. (Continued) CHAIN OF CUSTODY & SAMPLE DISCREPANCIES

~~T150-E-2.0 received 24 containers~~
~~T125-W-2.0 received 24 containers~~ } Found where they belong. (me) 10.7.24

Also received the following samples that are not on any COC:

DUP-4

T375-W-2.0	10.4.24	1603	Received Additional Chain. Logged last (me) 10.7.24
T375-W-4.0	10.4.24	1630	
~~T367-E-2.0~~ T375-E-2.0	10.4.24	1530	
T375-3-4.0	10.4.24	1535	

DUP-7 - 20240624

Did not receive DUP-8

10/11/2024

Login # : 212566

Eurofins - Cleveland Sample Receipt Multiple Cooler Form

Cooler Description (Circle)	IR Gun # (Circle)	Observed Temp °C	Corrected Temp °C	Coolant (Circle)
(EC) Client Box Other	IR GUN #: 19	2.4	4.1	(Wet Ice) Blue Ice Dry Ice Water None
(EC) Client Box Other	IR GUN #: 19	1.0	1.7	(Wet Ice) Blue Ice Dry Ice Water None
(EC) Client Box Other	IR GUN #: 19	0.7	2.4	(Wet Ice) Blue Ice Dry Ice Water None
EC Client Box Other	IR GUN #:			Wet Ice

10/7/2024

Login Container Summary Report

240-212566

10/11/2024

Temperature readings: _____

Client Sample ID	Lab ID	Container Type	Container pH	Container Temp	Preservation Added	Preservation Lot Number
DUP-6-20241005	240-212566-A-1	SnapCap 1/2 ounce unpreserved				
DUP-6-20241005	240-212566-B-1	Soil jar 2oz - clear glass				
DUP-6-20241005	240-212566-C-1	Soil jar 4oz - clear glass				
DUP-6-20241005	240-212566-D-1	Soil jar 4oz - clear glass				
DUP-6-20241005	240-212566-E-1	Soil jar 4oz - clear glass				
DUP-6-20241005	240-212566-F-1	Soil jar 4oz - clear glass				
DUP-6-20241005	240-212566-G-1	Soil jar 4oz - clear glass				
T750-W-2.0	240-212566-A-2	SnapCap 1/2 ounce unpreserved				
T750-W-2.0	240-212566-B-2	Soil jar 2oz - clear glass				
T750-W-2.0	240-212566-C-2	Soil jar 4oz - clear glass				
T750-W-2.0	240-212566-D-2	Soil jar 4oz - clear glass				
T750-W-2.0	240-212566-E-2	Soil jar 4oz - clear glass				
T750-W-2.0	240-212566-F-2	Soil jar 4oz - clear glass				
T750-W-2.0	240-212566-G-2	Soil jar 4oz - clear glass				
T875-E-2.0	240-212566-A-3	SnapCap 1/2 ounce unpreserved				
T875-E-2.0	240-212566-B-3	Soil jar 2oz - clear glass				
T875-E-2.0	240-212566-C-3	Soil jar 4oz - clear glass				
T875-E-2.0	240-212566-D-3	Soil jar 4oz - clear glass				
T875-E-2.0	240-212566-E-3	Soil jar 4oz - clear glass				
T875-E-2.0	240-212566-F-3	Soil jar 4oz - clear glass				
T875-E-2.0	240-212566-G-3	Soil jar 4oz - clear glass				
DUP-7-20241005	240-212566-A-4	SnapCap 1/2 ounce unpreserved				
DUP-7-20241005	240-212566-B-4	Soil jar 2oz - clear glass				
DUP-7-20241005	240-212566-C-4	Soil jar 4oz - clear glass				
DUP-7-20241005	240-212566-D-4	Soil jar 4oz - clear glass				
DUP-7-20241005	240-212566-E-4	Soil jar 4oz - clear glass				
DUP-7-20241005	240-212566-F-4	Soil jar 4oz - clear glass				
DUP-7-20241005	240-212566-G-4	Soil jar 4oz - clear glass				
T875-E-4.0	240-212566-A-5	SnapCap 1/2 ounce unpreserved				
T875-E-4.0	240-212566-B-5	Soil jar 2oz - clear glass				
T875-E-4.0	240-212566-C-5	Soil jar 4oz - clear glass				
T875-E-4.0	240-212566-D-5	Soil jar 4oz - clear glass				
T875-E-4.0	240-212566-E-5	Soil jar 4oz - clear glass				
T875-E-4.0	240-212566-F-5	Soil jar 4oz - clear glass				
T875-E-4.0	240-212566-G-5	Soil jar 4oz - clear glass				

Client Sample ID	Lab ID	Container Type	Container pH	Container Temp	Preservation Added	Preservation Lot Number
T875-W-2.0	240-212566-A-6	SnapCap 1/2 ounce unpreserved				
T875-W-2.0	240-212566-B-6	Soil jar 2oz - clear glass				
T875-W-2.0	240-212566-C-6	Soil jar 4oz - clear glass				
T875-W-2.0	240-212566-D-6	Soil jar 4oz - clear glass				
T875-W-2.0	240-212566-E-6	Soil jar 4oz - clear glass				
T875-W-2.0	240-212566-F-6	Soil jar 4oz - clear glass				
T875-W-2.0	240-212566-G-6	Soil jar 4oz - clear glass				
T875-W-4.0	240-212566-A-7	SnapCap 1/2 ounce unpreserved				
T875-W-4.0	240-212566-B-7	Soil jar 2oz - clear glass				
T875-W-4.0	240-212566-C-7	Soil jar 4oz - clear glass				
T875-W-4.0	240-212566-D-7	Soil jar 4oz - clear glass				
T875-W-4.0	240-212566-E-7	Soil jar 4oz - clear glass				
T875-W-4.0	240-212566-F-7	Soil jar 4oz - clear glass				
T875-W-4.0	240-212566-G-7	Soil jar 4oz - clear glass				
T1000-C-2.0	240-212566-A-8	SnapCap 1/2 ounce unpreserved				
T1000-C-2.0	240-212566-B-8	Soil jar 2oz - clear glass				
T1000-C-2.0	240-212566-C-8	Soil jar 4oz - clear glass				
T1000-C-2.0	240-212566-D-8	Soil jar 4oz - clear glass				
T1000-C-2.0	240-212566-E-8	Soil jar 4oz - clear glass				
T1000-C-2.0	240-212566-F-8	Soil jar 4oz - clear glass				
T1000-C-2.0	240-212566-G-8	Soil jar 4oz - clear glass				
T1000-C-4.0	240-212566-A-9	SnapCap 1/2 ounce unpreserved				
T1000-C-4.0	240-212566-B-9	Soil jar 2oz - clear glass				
T1000-C-4.0	240-212566-C-9	Soil jar 4oz - clear glass				
T1000-C-4.0	240-212566-D-9	Soil jar 4oz - clear glass				
T1000-C-4.0	240-212566-E-9	Soil jar 4oz - clear glass				
T1000-C-4.0	240-212566-F-9	Soil jar 4oz - clear glass				
T1000-C-4.0	240-212566-G-9	Soil jar 4oz - clear glass				
T1000-W-2.0	240-212566-A-10	SnapCap 1/2 ounce unpreserved				
T1000-W-2.0	240-212566-B-10	Soil jar 2oz - clear glass				
T1000-W-2.0	240-212566-C-10	Soil jar 4oz - clear glass				
T1000-W-2.0	240-212566-D-10	Soil jar 4oz - clear glass				
T1000-W-2.0	240-212566-E-10	Soil jar 4oz - clear glass				
T1000-W-2.0	240-212566-F-10	Soil jar 4oz - clear glass				
T1000-W-2.0	240-212566-G-10	Soil jar 4oz - clear glass				
DUP-8-20241006	240-212566-A-11	SnapCap 1/2 ounce unpreserved				
DUP-8-20241006	240-212566-B-11	Soil jar 2oz - clear glass				
DUP-8-20241006	240-212566-C-11	Soil jar 4oz - clear glass				

Client Sample ID	Lab ID	Container Type	Container pH	Container Temp	Preservation Added	Preservation Lot Number
DUP-8-20241006	240-212566-D-11	Soil jar 4oz - clear glass				
DUP-8-20241006	240-212566-E-11	Soil jar 4oz - clear glass				
DUP-8-20241006	240-212566-F-11	Soil jar 4oz - clear glass				
DUP-8-20241006	240-212566-G-11	Soil jar 4oz - clear glass				
T500-W-2.0	240-212566-A-12	SnapCap 1/2 ounce unpreserved				
T500-W-2.0	240-212566-B-12	Soil jar 2oz - clear glass				
T500-W-2.0	240-212566-C-12	Soil jar 4oz - clear glass				
T500-W-2.0	240-212566-D-12	Soil jar 4oz - clear glass				
T500-W-2.0	240-212566-E-12	Soil jar 4oz - clear glass				
T500-W-2.0	240-212566-F-12	Soil jar 4oz - clear glass				
T500-W-2.0	240-212566-G-12	Soil jar 4oz - clear glass				
T500-W-4.0	240-212566-A-13	SnapCap 1/2 ounce unpreserved				
T500-W-4.0	240-212566-B-13	Soil jar 2oz - clear glass				
T500-W-4.0	240-212566-C-13	Soil jar 4oz - clear glass				
T500-W-4.0	240-212566-D-13	Soil jar 4oz - clear glass				
T500-W-4.0	240-212566-E-13	Soil jar 4oz - clear glass				
T500-W-4.0	240-212566-F-13	Soil jar 4oz - clear glass				
T500-W-4.0	240-212566-G-13	Soil jar 4oz - clear glass				
T625-E-2.0	240-212566-A-14	SnapCap 1/2 ounce unpreserved				
T625-E-2.0	240-212566-B-14	Soil jar 2oz - clear glass				
T625-E-2.0	240-212566-C-14	Soil jar 4oz - clear glass				
T625-E-2.0	240-212566-D-14	Soil jar 4oz - clear glass				
T625-E-2.0	240-212566-E-14	Soil jar 4oz - clear glass				
T625-E-2.0	240-212566-F-14	Soil jar 4oz - clear glass				
T625-E-2.0	240-212566-G-14	Soil jar 4oz - clear glass				
T625-E-4.0	240-212566-A-15	SnapCap 1/2 ounce unpreserved				
T625-E-4.0	240-212566-B-15	Soil jar 2oz - clear glass				
T625-E-4.0	240-212566-C-15	Soil jar 4oz - clear glass				
T625-E-4.0	240-212566-D-15	Soil jar 4oz - clear glass				
T625-E-4.0	240-212566-E-15	Soil jar 4oz - clear glass				
T625-E-4.0	240-212566-F-15	Soil jar 4oz - clear glass				
T625-E-4.0	240-212566-G-15	Soil jar 4oz - clear glass				
T625-C-2.0	240-212566-A-16	SnapCap 1/2 ounce unpreserved				
T625-C-2.0	240-212566-B-16	Soil jar 2oz - clear glass				
T625-C-2.0	240-212566-C-16	Soil jar 4oz - clear glass				
T625-C-2.0	240-212566-D-16	Soil jar 4oz - clear glass				
T625-C-2.0	240-212566-E-16	Soil jar 4oz - clear glass				
T625-C-2.0	240-212566-F-16	Soil jar 4oz - clear glass				

Client Sample ID	Lab ID	Container Type	Container pH	Container Temp	Preservation Added	Preservation Lot Number
T625-C-2.0	240-212566-G-16	Soil jar 4oz - clear glass				
T625-C-4.0	240-212566-A-17	SnapCap 1/2 ounce unpreserved				
T625-C-4.0	240-212566-B-17	Soil jar 2oz - clear glass				
T625-C-4.0	240-212566-C-17	Soil jar 4oz - clear glass				
T625-C-4.0	240-212566-D-17	Soil jar 4oz - clear glass				
T625-C-4.0	240-212566-E-17	Soil jar 4oz - clear glass				
T625-C-4.0	240-212566-F-17	Soil jar 4oz - clear glass				
T625-C-4.0	240-212566-G-17	Soil jar 4oz - clear glass				
T625-W-2.0	240-212566-A-18	SnapCap 1/2 ounce unpreserved				
T625-W-2.0	240-212566-B-18	Soil jar 2oz - clear glass				
T625-W-2.0	240-212566-C-18	Soil jar 4oz - clear glass				
T625-W-2.0	240-212566-D-18	Soil jar 4oz - clear glass				
T625-W-2.0	240-212566-E-18	Soil jar 4oz - clear glass				
T625-W-2.0	240-212566-F-18	Soil jar 4oz - clear glass				
T625-W-2.0	240-212566-G-18	Soil jar 4oz - clear glass				
T750-E-2.0	240-212566-A-19	SnapCap 1/2 ounce unpreserved				
T750-E-2.0	240-212566-A-19 DU	SnapCap 1/2 ounce unpreserved				
T750-E-2.0	240-212566-A-19 MS	Soil jar 2oz - clear glass				
T750-E-2.0	240-212566-A-19 MSD	Soil jar 2oz - clear glass				
T750-E-2.0	240-212566-A-19 MSI	Soil jar 4oz - clear glass				
T750-E-2.0	240-212566-A-19 MSS	Soil jar 4oz - clear glass				
T750-E-2.0	240-212566-B-19	Soil jar 2oz - clear glass				
T750-E-2.0	240-212566-B-19 DU	Soil jar 4oz - clear glass				
T750-E-2.0	240-212566-B-19 MS	Soil jar 4oz - clear glass				
T750-E-2.0	240-212566-C-19	Soil jar 4oz - clear glass				
T750-E-2.0	240-212566-C-19 MS	Soil jar 4oz - clear glass				
T750-E-2.0	240-212566-C-19 MSD	Soil jar 4oz - clear glass				
T750-E-2.0	240-212566-D-19	Soil jar 4oz - clear glass				
T750-E-2.0	240-212566-D-19 MS	Soil jar 4oz - clear glass				
T750-E-2.0	240-212566-D-19 MSD	Soil jar 4oz - clear glass				
T750-E-2.0	240-212566-E-19	Soil jar 4oz - clear glass				
T750-E-2.0	240-212566-E-19 MSD	Soil jar 4oz - clear glass				
T750-E-2.0	240-212566-F-19	Soil jar 4oz - clear glass				

Client Sample ID	Lab ID	Container Type	Container pH	Container Temp	Preservation Added	Preservation Lot Number
T750-E-2.0	240-212566-F-19 MSD	Soil jar 4oz - clear glass				
T750-E-2.0	240-212566-G-19	Soil jar 4oz - clear glass				
T750-E-4.0	240-212566-A-20	SnapCap 1/2 ounce unpreserved				
T750-E-4.0	240-212566-B-20	Soil jar 2oz - clear glass				
T750-E-4.0	240-212566-C-20	Soil jar 4oz - clear glass				
T750-E-4.0	240-212566-D-20	Soil jar 4oz - clear glass				
T750-E-4.0	240-212566-E-20	Soil jar 4oz - clear glass				
T750-E-4.0	240-212566-F-20	Soil jar 4oz - clear glass				
T750-E-4.0	240-212566-G-20	Soil jar 4oz - clear glass				
TB-4-20241006	240-212566-A-21	Voa Vial 40ml - Hydrochloric Acid				
DUP-5-20241005	240-212566-A-22	SnapCap 1/2 ounce unpreserved				
DUP-5-20241005	240-212566-B-22	Soil jar 2oz - clear glass				
DUP-5-20241005	240-212566-C-22	Soil jar 4oz - clear glass				
DUP-5-20241005	240-212566-D-22	Soil jar 4oz - clear glass				
DUP-5-20241005	240-212566-E-22	Soil jar 4oz - clear glass				
DUP-5-20241005	240-212566-F-22	Soil jar 4oz - clear glass				
DUP-5-20241005	240-212566-G-22	Soil jar 4oz - clear glass				
T1125-C-2.0	240-212566-A-23	SnapCap 1/2 ounce unpreserved				
T1125-C-2.0	240-212566-A-23 DU	SnapCap 1/2 ounce unpreserved				
T1125-C-2.0	240-212566-A-23 MS	Soil jar 2oz - clear glass				
T1125-C-2.0	240-212566-A-23 MSD	Soil jar 2oz - clear glass				
T1125-C-2.0	240-212566-A-23 MSI	Soil jar 4oz - clear glass				
T1125-C-2.0	240-212566-A-23 MSS	Soil jar 4oz - clear glass				
T1125-C-2.0	240-212566-B-23	Soil jar 2oz - clear glass				
T1125-C-2.0	240-212566-B-23 DU	Soil jar 4oz - clear glass				
T1125-C-2.0	240-212566-B-23 MS	Soil jar 4oz - clear glass				
T1125-C-2.0	240-212566-C-23	Soil jar 4oz - clear glass				
T1125-C-2.0	240-212566-C-23 MS	Soil jar 4oz - clear glass				
T1125-C-2.0	240-212566-C-23 MSD	Soil jar 4oz - clear glass				
T1125-C-2.0	240-212566-D-23	Soil jar 4oz - clear glass				
T1125-C-2.0	240-212566-D-23 MS	Soil jar 4oz - clear glass				
T1125-C-2.0	240-212566-D-23 MSD	Soil jar 4oz - clear glass				
T1125-C-2.0	240-212566-E-23	Soil jar 4oz - clear glass				
T1125-C-2.0	240-212566-E-23 MSD	Soil jar 4oz - clear glass				

Client Sample ID	Lab ID	Container Type	Container pH	Container Temp	Preservation Added	Preservation Lot Number
T1125-C-2.0	240-212566-F-23	Soil jar 4oz - clear glass				
T1125-C-2.0	240-212566-F-23 MSD	Soil jar 4oz - clear glass				
T1125-C-2.0	240-212566-G-23	Soil jar 4oz - clear glass				
T1125-C-4.0	240-212566-A-24	SnapCap 1/2 ounce unpreserved				
T1125-C-4.0	240-212566-B-24	Soil jar 2oz - clear glass				
T1125-C-4.0	240-212566-C-24	Soil jar 4oz - clear glass				
T1125-C-4.0	240-212566-D-24	Soil jar 4oz - clear glass				
T1125-C-4.0	240-212566-E-24	Soil jar 4oz - clear glass				
T1125-C-4.0	240-212566-F-24	Soil jar 4oz - clear glass				
T1125-C-4.0	240-212566-G-24	Soil jar 4oz - clear glass				
T1125-W-2.0	240-212566-A-25	SnapCap 1/2 ounce unpreserved				
T1125-W-2.0	240-212566-A-25 DU	SnapCap 1/2 ounce unpreserved				
T1125-W-2.0	240-212566-A-25 MS	Soil jar 2oz - clear glass				
T1125-W-2.0	240-212566-A-25 MSD	Soil jar 2oz - clear glass				
T1125-W-2.0	240-212566-A-25 MSI	Soil jar 4oz - clear glass				
T1125-W-2.0	240-212566-A-25 MSS	Soil jar 4oz - clear glass				
T1125-W-2.0	240-212566-B-25	Soil jar 2oz - clear glass				
T1125-W-2.0	240-212566-B-25 DU	Soil jar 4oz - clear glass				
T1125-W-2.0	240-212566-B-25 MS	Soil jar 4oz - clear glass				
T1125-W-2.0	240-212566-B-25 MSD	Soil jar 4oz - clear glass				
T1125-W-2.0	240-212566-C-25	Soil jar 4oz - clear glass				
T1125-W-2.0	240-212566-C-25 MS	Soil jar 4oz - clear glass				
T1125-W-2.0	240-212566-C-25 MSD	Soil jar 4oz - clear glass				
T1125-W-2.0	240-212566-D-25	Soil jar 4oz - clear glass				
T1125-W-2.0	240-212566-D-25 MS	Soil jar 4oz - clear glass				
T1125-W-2.0	240-212566-D-25 MSD	Soil jar 4oz - clear glass				
T1125-W-2.0	240-212566-E-25	Soil jar 4oz - clear glass				
T1125-W-2.0	240-212566-E-25 MSD	Soil jar 4oz - clear glass				
T1125-W-2.0	240-212566-F-25	Soil jar 4oz - clear glass				
T1125-W-2.0	240-212566-G-25	Soil jar 4oz - clear glass				
TB-5-20241006	240-212566-A-26	Voa Vial 40ml - Hydrochloric Acid				
TB-6-20241006	240-212566-A-27	Voa Vial 40ml - Hydrochloric Acid				
T375-W-2.0	240-212566-A-28	SnapCap 1/2 ounce unpreserved				

Client Sample ID	Lab ID	Container Type	Container pH	Container Temp	Preservation Added	Preservation Lot Number
T375-W-2.0	240-212566-B-28	Soil jar 2oz - clear glass				
T375-W-2.0	240-212566-C-28	Soil jar 4oz - clear glass				
T375-W-2.0	240-212566-D-28	Soil jar 4oz - clear glass				
T375-W-2.0	240-212566-E-28	Soil jar 4oz - clear glass				
T375-W-2.0	240-212566-F-28	Soil jar 4oz - clear glass				
T375-W-2.0	240-212566-G-28	Soil jar 4oz - clear glass				
T375-W-4.0	240-212566-A-29	SnapCap 1/2 ounce unpreserved				
T375-W-4.0	240-212566-B-29	Soil jar 2oz - clear glass				
T375-W-4.0	240-212566-C-29	Soil jar 4oz - clear glass				
T375-W-4.0	240-212566-D-29	Soil jar 4oz - clear glass				
T375-W-4.0	240-212566-E-29	Soil jar 4oz - clear glass				
T375-W-4.0	240-212566-F-29	Soil jar 4oz - clear glass				
T375-W-4.0	240-212566-G-29	Soil jar 4oz - clear glass				
T375-E-2.0	240-212566-A-30	SnapCap 1/2 ounce unpreserved				
T375-E-2.0	240-212566-B-30	Soil jar 2oz - clear glass				
T375-E-2.0	240-212566-C-30	Soil jar 4oz - clear glass				
T375-E-2.0	240-212566-D-30	Soil jar 4oz - clear glass				
T375-E-2.0	240-212566-E-30	Soil jar 4oz - clear glass				
T375-E-2.0	240-212566-F-30	Soil jar 4oz - clear glass				
T375-E-2.0	240-212566-G-30	Soil jar 4oz - clear glass				
T375-E-4.0	240-212566-A-31	SnapCap 1/2 ounce unpreserved				
T375-E-4.0	240-212566-B-31	Soil jar 2oz - clear glass				
T375-E-4.0	240-212566-C-31	Soil jar 4oz - clear glass				
T375-E-4.0	240-212566-D-31	Soil jar 4oz - clear glass				
T375-E-4.0	240-212566-E-31	Soil jar 4oz - clear glass				
T375-E-4.0	240-212566-F-31	Soil jar 4oz - clear glass				
T375-E-4.0	240-212566-G-31	Soil jar 4oz - clear glass				
DUP7-20241005	240-212566-A-32	SnapCap 1/2 ounce unpreserved				
DUP7-20241005	240-212566-B-32	Soil jar 2oz - clear glass				
DUP7-20241005	240-212566-C-32	Soil jar 4oz - clear glass				
DUP7-20241005	240-212566-D-32	Soil jar 4oz - clear glass				
DUP7-20241005	240-212566-E-32	Soil jar 4oz - clear glass				
DUP7-20241005	240-212566-F-32	Soil jar 4oz - clear glass				
DUP7-20241005	240-212566-G-32	Soil jar 4oz - clear glass				
DUP4-20241004	240-212566-A-33	SnapCap 1/2 ounce unpreserved				
DUP4-20241004	240-212566-B-33	Soil jar 2oz - clear glass				
DUP4-20241004	240-212566-C-33	Soil jar 4oz - clear glass				
DUP4-20241004	240-212566-D-33	Soil jar 4oz - clear glass				

Client Sample ID	Lab ID	Container Type	Container pH	Container Temp	Preservation Added	Preservation Lot Number
DUP4-20241004	240-212566-E-33	Soil jar 4oz - clear glass				
DUP4-20241004	240-212566-F-33	Soil jar 4oz - clear glass				
DUP4-20241004	240-212566-G-33	Soil jar 4oz - clear glass				

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ANALYTICAL REPORT

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JOB DESCRIPTION

MSC Canfield - Surface Water

JOB NUMBER

240-212574-1

Eurofins Cleveland
180 S. Van Buren Avenue
Barberton OH 44203

See page two for job notes and contact information.

Job Notes

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Authorization



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Qualifiers

GC/MS VOA

Qualifier	Qualifier Description
F2	MS/MSD RPD exceeds control limits
J	Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.

GC/MS Semi VOA

Qualifier	Qualifier Description
F1	MS and/or MSD recovery exceeds control limits.
J	Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.

GC Semi VOA

Qualifier	Qualifier Description
F1	MS and/or MSD recovery exceeds control limits.

Metals

Qualifier	Qualifier Description
F1	MS and/or MSD recovery exceeds control limits.
J	Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.

General Chemistry

Qualifier	Qualifier Description
4	MS, MSD: The analyte present in the original sample is greater than 4 times the matrix spike concentration; therefore, control limits are not applicable.
F1	MS and/or MSD recovery exceeds control limits.
F2	MS/MSD RPD exceeds control limits

Glossary

Abbreviation	These commonly used abbreviations may or may not be present in this report.
☼	Listed under the "D" column to designate that the result is reported on a dry weight basis
%R	Percent Recovery
CFL	Contains Free Liquid
CFU	Colony Forming Unit
CNF	Contains No Free Liquid
DER	Duplicate Error Ratio (normalized absolute difference)
Dil Fac	Dilution Factor
DL	Detection Limit (DoD/DOE)
DL, RA, RE, IN	Indicates a Dilution, Re-analysis, Re-extraction, or additional Initial metals/anion analysis of the sample
DLC	Decision Level Concentration (Radiochemistry)
EDL	Estimated Detection Limit (Dioxin)
LOD	Limit of Detection (DoD/DOE)
LOQ	Limit of Quantitation (DoD/DOE)
MCL	EPA recommended "Maximum Contaminant Level"
MDA	Minimum Detectable Activity (Radiochemistry)
MDC	Minimum Detectable Concentration (Radiochemistry)
MDL	Method Detection Limit
ML	Minimum Level (Dioxin)
MPN	Most Probable Number
MQL	Method Quantitation Limit
NC	Not Calculated
ND	Not Detected at the reporting limit (or MDL or EDL if shown)
NEG	Negative / Absent
POS	Positive / Present
PQL	Practical Quantitation Limit
PRES	Presumptive
QC	Quality Control
RER	Relative Error Ratio (Radiochemistry)
RL	Reporting Limit or Requested Limit (Radiochemistry)

Glossary (Continued)

Abbreviation	These commonly used abbreviations may or may not be present in this report.
RPD	Relative Percent Difference, a measure of the relative difference between two points
TEF	Toxicity Equivalent Factor (Dioxin)
TEQ	Toxicity Equivalent Quotient (Dioxin)
TNTC	Too Numerous To Count

Job ID: 240-212574-1 Eurofins Cleveland

Job Narrative
240-212574-1

Analytical test results meet all requirements of the associated regulatory program listed on the Accreditation/Certification Summary Page unless otherwise noted under the individual analysis. Data qualifiers and/or narrative comments are included to explain any exceptions, if applicable.

- Matrix QC may not be reported if insufficient sample is provided or site-specific QC samples were not submitted. In these situations, to demonstrate precision and accuracy at a batch level, a LCS/LCSD may be performed, unless otherwise specified in the method.
- Surrogate and/or isotope dilution analyte recoveries (if applicable) which are outside of the QC window are confirmed unless attributed to a dilution or otherwise noted in the narrative.

Regulated compliance samples (e.g. SDWA, NPDES) must comply with the associated agency requirements/permits.

Receipt
The samples were received on 10/7/2024 4:10 PM. Unless otherwise noted below, the samples arrived in good condition, and, where required, properly preserved and on ice. The temperatures of the 2 coolers at receipt time were 4.1°C and 5.7°C.

GC/MS VOA
Method 8260D: The continuing calibration verification (CCV) analyzed in batch 240-630020 was outside the method criteria for the following analyte(s): Carbon disulfide. A CCV standard at or below the reporting limit (RL) was analyzed with the affected samples and found to be acceptable. As indicated in the reference method, sample analysis may proceed; however, any detection for the affected analyte(s) is considered estimated.

No additional analytical or quality issues were noted, other than those described above or in the Definitions/ Glossary page.

GC/MS Semi VOA
No additional analytical or quality issues were noted, other than those described above or in the Definitions/ Glossary page.

PCBs
Method 8082A: The matrix spike / matrix spike duplicate (MS/MSD) recoveries for preparation batch 240-629884 and analytical batch 240-630002 were outside control limits for one or more analytes. See QC Sample Results for detail. Sample matrix interference and/or non-homogeneity are suspected because the associated laboratory control sample (LCS) recovery is within acceptance limits.

Method 8082A: The following samples required a tetrabutylammonium sulfite (TBA) clean-up to reduce matrix interferences caused by sulfur: EB-1-20241007 (240-212574-3).

Method 8082A: An incorrect volume of spiking solution was inadvertently added to the laboratory control sample (LCS) associated with preparation batch 240-629884 and analytical batch 240-630002. Percent recoveries are based on the amount spiked.

No additional analytical or quality issues were noted, other than those described above or in the Definitions/ Glossary page.

Metals
No additional analytical or quality issues were noted, other than those described above or in the Definitions/ Glossary page.

General Chemistry
Method 7196A: The following sample was diluted due to the nature of the sample matrix: T750-C-SW (240-212574-1). Elevated reporting limits (RLs) are provided.

Method 7196A - Dissolved: The following sample was diluted due to the nature of the sample matrix: T750-C-SW (240-212574-1). Elevated reporting limits (RLs) are provided.

No additional analytical or quality issues were noted, other than those described above or in the Definitions/ Glossary page.

Method Summary

Client: August Mack Environmental, Inc.
Project/Site: MSC Canfield - Surface Water

Job ID: 240-212574-1

Method	Method Description	Protocol	Laboratory
8260D	Volatile Organic Compounds by GC/MS	SW846	EET CLE
8270E	Semivolatile Organic Compounds (GC/MS)	SW846	EET CLE
8082A	Polychlorinated Biphenyls (PCBs) by Gas Chromatography	SW846	EET CLE
6010D	Metals (ICP)	SW846	EET CLE
7470A	Mercury (CVAA)	SW846	EET CLE
7196A	Chromium, Hexavalent	SW846	EET CLE
9012B	Cyanide, Total andor Amenable	SW846	EET CLE
OIA-1677	Cyanide, Free (Flow Injection)	OI CORP	ELLE
3005A	Preparation, Total Recoverable or Dissolved Metals	SW846	EET CLE
3510C	Liquid-Liquid Extraction (Separatory Funnel)	SW846	EET CLE
3510C LVI	Liquid-Liquid Extraction (Separatory Funnel) LVI	SW846	EET CLE
5030C	Purge and Trap	SW846	EET CLE
7470A	Preparation, Mercury	SW846	EET CLE
9012B	Cyanide, Total and/or Amenable, Distillation	SW846	EET CLE

Protocol References:

OI CORP = OI Corporation Instrument Manual.

SW846 = "Test Methods For Evaluating Solid Waste, Physical/Chemical Methods", Third Edition, November 1986 And Its Updates.

Laboratory References:

EET CLE = Eurofins Cleveland, 180 S. Van Buren Avenue, Barberton, OH 44203, TEL (330)497-9396

ELLE = Eurofins Lancaster Laboratories Environment Testing, LLC, 2425 New Holland Pike, Lancaster, PA 17601, TEL (717)656-2300

Sample Summary

Client: August Mack Environmental, Inc.
Project/Site: MSC Canfield - Surface Water

Job ID: 240-212574-1

Lab Sample ID	Client Sample ID	Matrix	Collected	Received
240-212574-1	T750-C-SW	Water	10/07/24 13:05	10/07/24 16:10
240-212574-2	TB-9-20241007	Water	10/07/24 00:00	10/07/24 16:10
240-212574-3	EB-1-20241007	Water	10/07/24 14:30	10/07/24 16:10

Detection Summary

Client: August Mack Environmental, Inc.
Project/Site: MSC Canfield - Surface Water

Job ID: 240-212574-1

Client Sample ID: T750-C-SW — Lab Sample ID: 240-212574-1

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Acetone	6.9	J	10	5.4	ug/L	1		8260D	Total/NA
Benzo[b]fluoranthene	0.16	J	0.19	0.15	ug/L	1		8270E	Total/NA
Chrysene	0.15	J	0.19	0.063	ug/L	1		8270E	Total/NA
Fluoranthene	0.21		0.19	0.15	ug/L	1		8270E	Total/NA
Pyrene	0.18	J	0.19	0.080	ug/L	1		8270E	Total/NA
Arsenic	27		15	4.1	ug/L	1		6010D	Total Recoverable
Barium	66	J	200	1.3	ug/L	1		6010D	Total Recoverable
Cadmium	0.55	J	5.0	0.45	ug/L	1		6010D	Total Recoverable
Chromium	24		10	0.76	ug/L	1		6010D	Total Recoverable
Copper	62		25	3.5	ug/L	1		6010D	Total Recoverable
Lead	24		10	2.8	ug/L	1		6010D	Total Recoverable
Zinc	3200		50	23	ug/L	1		6010D	Total Recoverable
Arsenic	27		15	4.1	ug/L	1		6010D	Dissolved
Barium	61	J	200	1.3	ug/L	1		6010D	Dissolved
Chromium	20		10	0.76	ug/L	1		6010D	Dissolved
Copper	57		25	3.5	ug/L	1		6010D	Dissolved
Lead	21		10	2.8	ug/L	1		6010D	Dissolved
Zinc	2700	F1	50	23	ug/L	1		6010D	Dissolved
Cyanide, Total	0.84		0.50	0.30	mg/L	50		9012B	Total/NA
Cyanide, Free	0.046	F1 F2	0.0060	0.0050	mg/L	1		OIA-1677	Total/NA

Client Sample ID: TB-9-20241007 — Lab Sample ID: 240-212574-2

No Detections.

Client Sample ID: EB-1-20241007 — Lab Sample ID: 240-212574-3

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
2-Butanone (MEK)	4.6	J	10	1.2	ug/L	1		8260D	Total/NA
Acetone	7.8	J	10	5.4	ug/L	1		8260D	Total/NA
Bis(2-ethylhexyl) phthalate	3.4	J	4.8	2.1	ug/L	1		8270E	Total/NA

This Detection Summary does not include radiochemical test results.

Client: August Mack Environmental, Inc.
Project/Site: MSC Canfield - Surface Water

Job ID: 240-212574-1

Client Sample ID: T750-C-SW
Date Collected: 10/07/24 13:05
Date Received: 10/07/24 16:10

Lab Sample ID: 240-212574-1
Matrix: Water

Method: SW846 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		1.0	0.48	ug/L			10/09/24 16:52	1
1,1,2,2-Tetrachloroethane	ND		1.0	0.60	ug/L			10/09/24 16:52	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		1.0	0.41	ug/L			10/09/24 16:52	1
1,1,2-Trichloroethane	ND		1.0	0.48	ug/L			10/09/24 16:52	1
1,1-Dichloroethane	ND		1.0	0.47	ug/L			10/09/24 16:52	1
1,1-Dichloroethene	ND		1.0	0.49	ug/L			10/09/24 16:52	1
1,2,4-Trichlorobenzene	ND		1.0	0.77	ug/L			10/09/24 16:52	1
1,2-Dibromo-3-Chloropropane	ND		2.0	0.91	ug/L			10/09/24 16:52	1
Ethylene Dibromide	ND		1.0	0.41	ug/L			10/09/24 16:52	1
1,2-Dichlorobenzene	ND		1.0	0.48	ug/L			10/09/24 16:52	1
1,2-Dichloroethane	ND		1.0	0.46	ug/L			10/09/24 16:52	1
1,2-Dichloropropane	ND		1.0	0.47	ug/L			10/09/24 16:52	1
1,3-Dichlorobenzene	ND		1.0	0.45	ug/L			10/09/24 16:52	1
1,4-Dichlorobenzene	ND		1.0	0.41	ug/L			10/09/24 16:52	1
2-Butanone (MEK)	ND	F2	10	1.2	ug/L			10/09/24 16:52	1
2-Hexanone	ND		10	1.1	ug/L			10/09/24 16:52	1
4-Methyl-2-pentanone (MIBK)	ND		10	0.99	ug/L			10/09/24 16:52	1
Acetone	**6.9**	**J**	10	5.4	ug/L			10/09/24 16:52	1
Benzene	ND		1.0	0.42	ug/L			10/09/24 16:52	1
Dichlorobromomethane	ND		1.0	0.38	ug/L			10/09/24 16:52	1
Bromoform	ND		1.0	0.76	ug/L			10/09/24 16:52	1
Bromomethane	ND		1.0	0.42	ug/L			10/09/24 16:52	1
Carbon disulfide	ND		1.0	0.59	ug/L			10/09/24 16:52	1
Carbon tetrachloride	ND		1.0	0.26	ug/L			10/09/24 16:52	1
Chlorobenzene	ND		1.0	0.38	ug/L			10/09/24 16:52	1
Chloroethane	ND		1.0	0.83	ug/L			10/09/24 16:52	1
Chloroform	ND		1.0	0.47	ug/L			10/09/24 16:52	1
Chloromethane	ND		1.0	0.63	ug/L			10/09/24 16:52	1
cis-1,2-Dichloroethene	ND		1.0	0.46	ug/L			10/09/24 16:52	1
cis-1,3-Dichloropropene	ND		1.0	0.61	ug/L			10/09/24 16:52	1
Cyclohexane	ND		1.0	0.48	ug/L			10/09/24 16:52	1
Chlorodibromomethane	ND		1.0	0.39	ug/L			10/09/24 16:52	1
Dichlorodifluoromethane	ND		1.0	0.35	ug/L			10/09/24 16:52	1
Ethylbenzene	ND		1.0	0.42	ug/L			10/09/24 16:52	1
Isopropylbenzene	ND		1.0	0.49	ug/L			10/09/24 16:52	1
Methyl acetate	ND		10	1.7	ug/L			10/09/24 16:52	1
Methyl tert-butyl ether	ND		1.0	0.47	ug/L			10/09/24 16:52	1
Methylcyclohexane	ND		1.0	0.33	ug/L			10/09/24 16:52	1
Methylene Chloride	ND		5.0	2.6	ug/L			10/09/24 16:52	1
Styrene	ND		1.0	0.45	ug/L			10/09/24 16:52	1
Tetrachloroethene	ND		1.0	0.44	ug/L			10/09/24 16:52	1
Toluene	ND		1.0	0.44	ug/L			10/09/24 16:52	1
trans-1,2-Dichloroethene	ND		1.0	0.51	ug/L			10/09/24 16:52	1
trans-1,3-Dichloropropene	ND		1.0	0.67	ug/L			10/09/24 16:52	1
Trichloroethene	ND		1.0	0.44	ug/L			10/09/24 16:52	1
Trichlorofluoromethane	ND		1.0	0.45	ug/L			10/09/24 16:52	1
Vinyl chloride	ND		1.0	0.45	ug/L			10/09/24 16:52	1
Xylenes, Total	ND		2.0	0.42	ug/L			10/09/24 16:52	1

Client: August Mack Environmental, Inc.
Project/Site: MSC Canfield - Surface Water

Job ID: 240-212574-1

Client Sample ID: T750-C-SW
Date Collected: 10/07/24 13:05
Date Received: 10/07/24 16:10

Lab Sample ID: 240-212574-1
Matrix: Water

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
Toluene-d8 (Surr)	*103*		*78 - 122*		*10/09/24 16:52*	*1*
Dibromofluoromethane (Surr)	*102*		*73 - 120*		*10/09/24 16:52*	*1*
4-Bromofluorobenzene (Surr)	*97*		*56 - 136*		*10/09/24 16:52*	*1*
1,2-Dichloroethane-d4 (Surr)	*110*		*62 - 137*		*10/09/24 16:52*	*1*

Method: SW846 8270E - Semivolatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1'-Biphenyl	ND		0.96	0.47	ug/L		10/08/24 08:33	10/09/24 12:23	1
bis (2-chloroisopropyl) ether	ND		0.96	0.23	ug/L		10/08/24 08:33	10/09/24 12:23	1
2,4,5-Trichlorophenol	ND		4.8	1.9	ug/L		10/08/24 08:33	10/09/24 12:23	1
2,4,6-Trichlorophenol	ND		4.8	1.7	ug/L		10/08/24 08:33	10/09/24 12:23	1
2,4-Dichlorophenol	ND		1.9	0.25	ug/L		10/08/24 08:33	10/09/24 12:23	1
2,4-Dimethylphenol	ND		1.9	0.24	ug/L		10/08/24 08:33	10/09/24 12:23	1
2,4-Dinitrophenol	ND		9.6	2.5	ug/L		10/08/24 08:33	10/09/24 12:23	1
2,4-Dinitrotoluene	ND		4.8	2.0	ug/L		10/08/24 08:33	10/09/24 12:23	1
2,6-Dinitrotoluene	ND		4.8	1.0	ug/L		10/08/24 08:33	10/09/24 12:23	1
2-Chloronaphthalene	ND		0.96	0.22	ug/L		10/08/24 08:33	10/09/24 12:23	1
2-Chlorophenol	ND		0.96	0.26	ug/L		10/08/24 08:33	10/09/24 12:23	1
2-Methylnaphthalene	ND		0.19	0.11	ug/L		10/08/24 08:33	10/09/24 12:23	1
2-Methylphenol	ND		0.96	0.20	ug/L		10/08/24 08:33	10/09/24 12:23	1
2-Nitroaniline	ND		1.9	0.49	ug/L		10/08/24 08:33	10/09/24 12:23	1
2-Nitrophenol	ND		1.9	0.54	ug/L		10/08/24 08:33	10/09/24 12:23	1
3,3'-Dichlorobenzidine	ND		4.8	1.1	ug/L		10/08/24 08:33	10/09/24 12:23	1
3-Nitroaniline	ND		1.9	0.54	ug/L		10/08/24 08:33	10/09/24 12:23	1
4,6-Dinitro-2-methylphenol	ND		4.8	2.7	ug/L		10/08/24 08:33	10/09/24 12:23	1
4-Bromophenyl phenyl ether	ND		1.9	0.48	ug/L		10/08/24 08:33	10/09/24 12:23	1
4-Chloro-3-methylphenol	ND		1.9	0.28	ug/L		10/08/24 08:33	10/09/24 12:23	1
4-Chloroaniline	ND	F1	1.9	0.30	ug/L		10/08/24 08:33	10/09/24 12:23	1
4-Chlorophenyl phenyl ether	ND		1.9	0.53	ug/L		10/08/24 08:33	10/09/24 12:23	1
4-Nitroaniline	ND		1.9	0.31	ug/L		10/08/24 08:33	10/09/24 12:23	1
4-Nitrophenol	ND		9.6	2.1	ug/L		10/08/24 08:33	10/09/24 12:23	1
Acenaphthene	ND		0.19	0.17	ug/L		10/08/24 08:33	10/09/24 12:23	1
Acenaphthylene	ND		0.19	0.12	ug/L		10/08/24 08:33	10/09/24 12:23	1
Acetophenone	ND		0.96	0.35	ug/L		10/08/24 08:33	10/09/24 12:23	1
Anthracene	ND		0.19	0.13	ug/L		10/08/24 08:33	10/09/24 12:23	1
Atrazine	ND		1.9	0.92	ug/L		10/08/24 08:33	10/09/24 12:23	1
Benzaldehyde	ND		1.9	0.73	ug/L		10/08/24 08:33	10/09/24 12:23	1
Benzo[a]anthracene	ND		0.19	0.065	ug/L		10/08/24 08:33	10/09/24 12:23	1
Benzo[a]pyrene	ND		0.19	0.17	ug/L		10/08/24 08:33	10/09/24 12:23	1
Benzo[b]fluoranthene	**0.16**	**J**	0.19	0.15	ug/L		10/08/24 08:33	10/09/24 12:23	1
Benzo[g,h,i]perylene	ND		0.19	0.17	ug/L		10/08/24 08:33	10/09/24 12:23	1
Benzo[k]fluoranthene	ND		0.19	0.13	ug/L		10/08/24 08:33	10/09/24 12:23	1
Bis(2-chloroethoxy)methane	ND		0.96	0.21	ug/L		10/08/24 08:33	10/09/24 12:23	1
Bis(2-chloroethyl)ether	ND		0.96	0.39	ug/L		10/08/24 08:33	10/09/24 12:23	1
Bis(2-ethylhexyl) phthalate	ND		4.8	2.1	ug/L		10/08/24 08:33	10/09/24 12:23	1
Butyl benzyl phthalate	ND		1.9	0.64	ug/L		10/08/24 08:33	10/09/24 12:23	1
Caprolactam	ND	F1	4.8	3.7	ug/L		10/08/24 08:33	10/09/24 12:23	1
Carbazole	ND		0.96	0.47	ug/L		10/08/24 08:33	10/09/24 12:23	1
Chrysene	**0.15**	**J**	0.19	0.063	ug/L		10/08/24 08:33	10/09/24 12:23	1
Dibenz(a,h)anthracene	ND		0.19	0.15	ug/L		10/08/24 08:33	10/09/24 12:23	1

Client Sample ID: T750-C-SW
Date Collected: 10/07/24 13:05
Date Received: 10/07/24 16:10

Lab Sample ID: 240-212574-1
Matrix: Water

Method: SW846 8270E - Semivolatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Dibenzofuran	ND		0.96	0.26	ug/L		10/08/24 08:33	10/09/24 12:23	1
Diethyl phthalate	ND		4.8	0.39	ug/L		10/08/24 08:33	10/09/24 12:23	1
Dimethyl phthalate	ND		1.9	0.50	ug/L		10/08/24 08:33	10/09/24 12:23	1
Di-n-butyl phthalate	ND		4.8	1.7	ug/L		10/08/24 08:33	10/09/24 12:23	1
Di-n-octyl phthalate	ND		1.9	0.79	ug/L		10/08/24 08:33	10/09/24 12:23	1
Fluoranthene	**0.21**		0.19	0.15	ug/L		10/08/24 08:33	10/09/24 12:23	1
Fluorene	ND		0.19	0.076	ug/L		10/08/24 08:33	10/09/24 12:23	1
Hexachlorobenzene	ND		0.19	0.15	ug/L		10/08/24 08:33	10/09/24 12:23	1
Hexachlorobutadiene	ND		0.96	0.52	ug/L		10/08/24 08:33	10/09/24 12:23	1
Hexachlorocyclopentadiene	ND		9.6	1.7	ug/L		10/08/24 08:33	10/09/24 12:23	1
Hexachloroethane	ND		0.96	0.38	ug/L		10/08/24 08:33	10/09/24 12:23	1
Indeno[1,2,3-cd]pyrene	ND		0.19	0.13	ug/L		10/08/24 08:33	10/09/24 12:23	1
Isophorone	ND		0.96	0.31	ug/L		10/08/24 08:33	10/09/24 12:23	1
N-Nitrosodi-n-propylamine	ND		0.96	0.24	ug/L		10/08/24 08:33	10/09/24 12:23	1
N-Nitrosodiphenylamine	ND		0.96	0.42	ug/L		10/08/24 08:33	10/09/24 12:23	1
Naphthalene	ND		0.19	0.10	ug/L		10/08/24 08:33	10/09/24 12:23	1
Nitrobenzene	ND		0.96	0.49	ug/L		10/08/24 08:33	10/09/24 12:23	1
Pentachlorophenol	ND		9.6	3.0	ug/L		10/08/24 08:33	10/09/24 12:23	1
Phenanthrene	ND		0.19	0.077	ug/L		10/08/24 08:33	10/09/24 12:23	1
Phenol	ND		0.96	0.39	ug/L		10/08/24 08:33	10/09/24 12:23	1
Pyrene	**0.18**	**J**	0.19	0.080	ug/L		10/08/24 08:33	10/09/24 12:23	1
3 & 4 Methylphenol	ND		1.9	0.18	ug/L		10/08/24 08:33	10/09/24 12:23	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Terphenyl-d14 (Surr)	*56*		*43 - 136*	*10/08/24 08:33*	*10/09/24 12:23*	*1*
Phenol-d5 (Surr)	*24*		*10 - 120*	*10/08/24 08:33*	*10/09/24 12:23*	*1*
Nitrobenzene-d5 (Surr)	*60*		*40 - 120*	*10/08/24 08:33*	*10/09/24 12:23*	*1*
2-Fluorophenol (Surr)	*39*		*10 - 127*	*10/08/24 08:33*	*10/09/24 12:23*	*1*
2-Fluorobiphenyl (Surr)	*60*		*41 - 120*	*10/08/24 08:33*	*10/09/24 12:23*	*1*
2,4,6-Tribromophenol (Surr)	*73*		*23 - 127*	*10/08/24 08:33*	*10/09/24 12:23*	*1*

Method: SW846 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aroclor-1016	ND		0.50	0.28	ug/L		10/08/24 09:06	10/09/24 16:03	1
Aroclor-1221	ND		0.50	0.29	ug/L		10/08/24 09:06	10/09/24 16:03	1
Aroclor-1232	ND		0.50	0.37	ug/L		10/08/24 09:06	10/09/24 16:03	1
Aroclor-1242	ND		0.50	0.38	ug/L		10/08/24 09:06	10/09/24 16:03	1
Aroclor-1248	ND		0.50	0.25	ug/L		10/08/24 09:06	10/09/24 16:03	1
Aroclor-1254	ND		0.50	0.20	ug/L		10/08/24 09:06	10/09/24 16:03	1
Aroclor-1260	ND	F1	0.50	0.23	ug/L		10/08/24 09:06	10/09/24 16:03	1
Aroclor-1262	ND		0.50	0.29	ug/L		10/08/24 09:06	10/09/24 16:03	1
Aroclor-1268	ND		0.50	0.31	ug/L		10/08/24 09:06	10/09/24 16:03	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Tetrachloro-m-xylene	*62*		*10 - 149*	*10/08/24 09:06*	*10/09/24 16:03*	*1*
DCB Decachlorobiphenyl	*13*		*10 - 174*	*10/08/24 09:06*	*10/09/24 16:03*	*1*

Method: SW846 6010D - Metals (ICP) - Total Recoverable

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	**27**		15	4.1	ug/L		10/08/24 15:00	10/09/24 11:59	1

Client Sample ID: T750-C-SW
Date Collected: 10/07/24 13:05
Date Received: 10/07/24 16:10

Lab Sample ID: 240-212574-1
Matrix: Water

Method: SW846 6010D - Metals (ICP) - Total Recoverable (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Barium	66	J	200	1.3	ug/L		10/08/24 15:00	10/09/24 11:59	1
Cadmium	0.55	J	5.0	0.45	ug/L		10/08/24 15:00	10/09/24 11:59	1
Chromium	24		10	0.76	ug/L		10/08/24 15:00	10/09/24 11:59	1
Copper	62		25	3.5	ug/L		10/08/24 15:00	10/09/24 11:59	1
Lead	24		10	2.8	ug/L		10/08/24 15:00	10/09/24 11:59	1
Selenium	ND		20	6.0	ug/L		10/08/24 15:00	10/09/24 11:59	1
Silver	ND		10	1.4	ug/L		10/08/24 15:00	10/09/24 11:59	1
Zinc	3200		50	23	ug/L		10/08/24 15:00	10/09/24 11:59	1

Method: SW846 6010D - Metals (ICP) - Dissolved

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	27		15	4.1	ug/L		10/08/24 15:00	10/09/24 12:21	1
Barium	61	J	200	1.3	ug/L		10/08/24 15:00	10/09/24 12:21	1
Cadmium	ND		5.0	0.45	ug/L		10/08/24 15:00	10/09/24 12:21	1
Chromium	20		10	0.76	ug/L		10/08/24 15:00	10/09/24 12:21	1
Copper	57		25	3.5	ug/L		10/08/24 15:00	10/09/24 12:21	1
Lead	21		10	2.8	ug/L		10/08/24 15:00	10/09/24 12:21	1
Selenium	ND		20	6.0	ug/L		10/08/24 15:00	10/09/24 12:21	1
Silver	ND		10	1.4	ug/L		10/08/24 15:00	10/09/24 12:21	1
Zinc	2700	F1	50	23	ug/L		10/08/24 15:00	10/09/24 12:21	1

Method: SW846 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	ND		0.20	0.13	ug/L		10/08/24 14:00	10/09/24 09:44	1

Method: SW846 7470A - Mercury (CVAA) - Dissolved

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	ND		0.20	0.13	ug/L		10/08/24 14:00	10/09/24 09:49	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chromium, hexavalent (SW846 7196A)	ND		1.0	0.35	mg/L			10/08/24 08:54	50
Cyanide, Total (SW846 9012B)	0.84		0.50	0.30	mg/L		10/08/24 11:07	10/08/24 13:58	50
Cyanide, Free (OI CORP OIA-1677)	0.046	F1 F2	0.0060	0.0050	mg/L			10/10/24 18:09	1

General Chemistry - Dissolved

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chromium, hexavalent (SW846 7196A)	ND		1.0	0.35	mg/L			10/08/24 08:54	50

Client: August Mack Environmental, Inc.
Project/Site: MSC Canfield - Surface Water

Job ID: 240-212574-1

Client Sample ID: TB-9-20241007
Date Collected: 10/07/24 00:00
Date Received: 10/07/24 16:10

Lab Sample ID: 240-212574-2
Matrix: Water

Method: SW846 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		1.0	0.48	ug/L			10/09/24 18:10	1
1,1,2,2-Tetrachloroethane	ND		1.0	0.60	ug/L			10/09/24 18:10	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		1.0	0.41	ug/L			10/09/24 18:10	1
1,1,2-Trichloroethane	ND		1.0	0.48	ug/L			10/09/24 18:10	1
1,1-Dichloroethane	ND		1.0	0.47	ug/L			10/09/24 18:10	1
1,1-Dichloroethene	ND		1.0	0.49	ug/L			10/09/24 18:10	1
1,2,4-Trichlorobenzene	ND		1.0	0.77	ug/L			10/09/24 18:10	1
1,2-Dibromo-3-Chloropropane	ND		2.0	0.91	ug/L			10/09/24 18:10	1
Ethylene Dibromide	ND		1.0	0.41	ug/L			10/09/24 18:10	1
1,2-Dichlorobenzene	ND		1.0	0.48	ug/L			10/09/24 18:10	1
1,2-Dichloroethane	ND		1.0	0.46	ug/L			10/09/24 18:10	1
1,2-Dichloropropane	ND		1.0	0.47	ug/L			10/09/24 18:10	1
1,3-Dichlorobenzene	ND		1.0	0.45	ug/L			10/09/24 18:10	1
1,4-Dichlorobenzene	ND		1.0	0.41	ug/L			10/09/24 18:10	1
2-Butanone (MEK)	ND		10	1.2	ug/L			10/09/24 18:10	1
2-Hexanone	ND		10	1.1	ug/L			10/09/24 18:10	1
4-Methyl-2-pentanone (MIBK)	ND		10	0.99	ug/L			10/09/24 18:10	1
Acetone	ND		10	5.4	ug/L			10/09/24 18:10	1
Benzene	ND		1.0	0.42	ug/L			10/09/24 18:10	1
Dichlorobromomethane	ND		1.0	0.38	ug/L			10/09/24 18:10	1
Bromoform	ND		1.0	0.76	ug/L			10/09/24 18:10	1
Bromomethane	ND		1.0	0.42	ug/L			10/09/24 18:10	1
Carbon disulfide	ND		1.0	0.59	ug/L			10/09/24 18:10	1
Carbon tetrachloride	ND		1.0	0.26	ug/L			10/09/24 18:10	1
Chlorobenzene	ND		1.0	0.38	ug/L			10/09/24 18:10	1
Chloroethane	ND		1.0	0.83	ug/L			10/09/24 18:10	1
Chloroform	ND		1.0	0.47	ug/L			10/09/24 18:10	1
Chloromethane	ND		1.0	0.63	ug/L			10/09/24 18:10	1
cis-1,2-Dichloroethene	ND		1.0	0.46	ug/L			10/09/24 18:10	1
cis-1,3-Dichloropropene	ND		1.0	0.61	ug/L			10/09/24 18:10	1
Cyclohexane	ND		1.0	0.48	ug/L			10/09/24 18:10	1
Chlorodibromomethane	ND		1.0	0.39	ug/L			10/09/24 18:10	1
Dichlorodifluoromethane	ND		1.0	0.35	ug/L			10/09/24 18:10	1
Ethylbenzene	ND		1.0	0.42	ug/L			10/09/24 18:10	1
Isopropylbenzene	ND		1.0	0.49	ug/L			10/09/24 18:10	1
Methyl acetate	ND		10	1.7	ug/L			10/09/24 18:10	1
Methyl tert-butyl ether	ND		1.0	0.47	ug/L			10/09/24 18:10	1
Methylcyclohexane	ND		1.0	0.33	ug/L			10/09/24 18:10	1
Methylene Chloride	ND		5.0	2.6	ug/L			10/09/24 18:10	1
Styrene	ND		1.0	0.45	ug/L			10/09/24 18:10	1
Tetrachloroethene	ND		1.0	0.44	ug/L			10/09/24 18:10	1
Toluene	ND		1.0	0.44	ug/L			10/09/24 18:10	1
trans-1,2-Dichloroethene	ND		1.0	0.51	ug/L			10/09/24 18:10	1
trans-1,3-Dichloropropene	ND		1.0	0.67	ug/L			10/09/24 18:10	1
Trichloroethene	ND		1.0	0.44	ug/L			10/09/24 18:10	1
Trichlorofluoromethane	ND		1.0	0.45	ug/L			10/09/24 18:10	1
Vinyl chloride	ND		1.0	0.45	ug/L			10/09/24 18:10	1
Xylenes, Total	ND		2.0	0.42	ug/L			10/09/24 18:10	1

Client: August Mack Environmental, Inc.
Project/Site: MSC Canfield - Surface Water

Job ID: 240-212574-1

Client Sample ID: TB-9-20241007
Date Collected: 10/07/24 00:00
Date Received: 10/07/24 16:10

Lab Sample ID: 240-212574-2
Matrix: Water

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
Toluene-d8 (Surr)	106		78 - 122		10/09/24 18:10	1
Dibromofluoromethane (Surr)	99		73 - 120		10/09/24 18:10	1
4-Bromofluorobenzene (Surr)	102		56 - 136		10/09/24 18:10	1
1,2-Dichloroethane-d4 (Surr)	115		62 - 137		10/09/24 18:10	1

Client: August Mack Environmental, Inc.
Project/Site: MSC Canfield - Surface Water

Job ID: 240-212574-1

Client Sample ID: EB-1-20241007
Date Collected: 10/07/24 14:30
Date Received: 10/07/24 16:10

Lab Sample ID: 240-212574-3
Matrix: Water

Method: SW846 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		1.0	0.48	ug/L			10/09/24 18:36	1
1,1,2,2-Tetrachloroethane	ND		1.0	0.60	ug/L			10/09/24 18:36	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		1.0	0.41	ug/L			10/09/24 18:36	1
1,1,2-Trichloroethane	ND		1.0	0.48	ug/L			10/09/24 18:36	1
1,1-Dichloroethane	ND		1.0	0.47	ug/L			10/09/24 18:36	1
1,1-Dichloroethene	ND		1.0	0.49	ug/L			10/09/24 18:36	1
1,2,4-Trichlorobenzene	ND		1.0	0.77	ug/L			10/09/24 18:36	1
1,2-Dibromo-3-Chloropropane	ND		2.0	0.91	ug/L			10/09/24 18:36	1
Ethylene Dibromide	ND		1.0	0.41	ug/L			10/09/24 18:36	1
1,2-Dichlorobenzene	ND		1.0	0.48	ug/L			10/09/24 18:36	1
1,2-Dichloroethane	ND		1.0	0.46	ug/L			10/09/24 18:36	1
1,2-Dichloropropane	ND		1.0	0.47	ug/L			10/09/24 18:36	1
1,3-Dichlorobenzene	ND		1.0	0.45	ug/L			10/09/24 18:36	1
1,4-Dichlorobenzene	ND		1.0	0.41	ug/L			10/09/24 18:36	1
2-Butanone (MEK)	**4.6**	**J**	10	1.2	ug/L			10/09/24 18:36	1
2-Hexanone	ND		10	1.1	ug/L			10/09/24 18:36	1
4-Methyl-2-pentanone (MIBK)	ND		10	0.99	ug/L			10/09/24 18:36	1
Acetone	**7.8**	**J**	10	5.4	ug/L			10/09/24 18:36	1
Benzene	ND		1.0	0.42	ug/L			10/09/24 18:36	1
Dichlorobromomethane	ND		1.0	0.38	ug/L			10/09/24 18:36	1
Bromoform	ND		1.0	0.76	ug/L			10/09/24 18:36	1
Bromomethane	ND		1.0	0.42	ug/L			10/09/24 18:36	1
Carbon disulfide	ND		1.0	0.59	ug/L			10/09/24 18:36	1
Carbon tetrachloride	ND		1.0	0.26	ug/L			10/09/24 18:36	1
Chlorobenzene	ND		1.0	0.38	ug/L			10/09/24 18:36	1
Chloroethane	ND		1.0	0.83	ug/L			10/09/24 18:36	1
Chloroform	ND		1.0	0.47	ug/L			10/09/24 18:36	1
Chloromethane	ND		1.0	0.63	ug/L			10/09/24 18:36	1
cis-1,2-Dichloroethene	ND		1.0	0.46	ug/L			10/09/24 18:36	1
cis-1,3-Dichloropropene	ND		1.0	0.61	ug/L			10/09/24 18:36	1
Cyclohexane	ND		1.0	0.48	ug/L			10/09/24 18:36	1
Chlorodibromomethane	ND		1.0	0.39	ug/L			10/09/24 18:36	1
Dichlorodifluoromethane	ND		1.0	0.35	ug/L			10/09/24 18:36	1
Ethylbenzene	ND		1.0	0.42	ug/L			10/09/24 18:36	1
Isopropylbenzene	ND		1.0	0.49	ug/L			10/09/24 18:36	1
Methyl acetate	ND		10	1.7	ug/L			10/09/24 18:36	1
Methyl tert-butyl ether	ND		1.0	0.47	ug/L			10/09/24 18:36	1
Methylcyclohexane	ND		1.0	0.33	ug/L			10/09/24 18:36	1
Methylene Chloride	ND		5.0	2.6	ug/L			10/09/24 18:36	1
Styrene	ND		1.0	0.45	ug/L			10/09/24 18:36	1
Tetrachloroethene	ND		1.0	0.44	ug/L			10/09/24 18:36	1
Toluene	ND		1.0	0.44	ug/L			10/09/24 18:36	1
trans-1,2-Dichloroethene	ND		1.0	0.51	ug/L			10/09/24 18:36	1
trans-1,3-Dichloropropene	ND		1.0	0.67	ug/L			10/09/24 18:36	1
Trichloroethene	ND		1.0	0.44	ug/L			10/09/24 18:36	1
Trichlorofluoromethane	ND		1.0	0.45	ug/L			10/09/24 18:36	1
Vinyl chloride	ND		1.0	0.45	ug/L			10/09/24 18:36	1
Xylenes, Total	ND		2.0	0.42	ug/L			10/09/24 18:36	1

Client Sample ID: EB-1-20241007
Date Collected: 10/07/24 14:30
Date Received: 10/07/24 16:10

Lab Sample ID: 240-212574-3
Matrix: Water

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
Toluene-d8 (Surr)	*105*		*78 - 122*		*10/09/24 18:36*	*1*
Dibromofluoromethane (Surr)	*96*		*73 - 120*		*10/09/24 18:36*	*1*
4-Bromofluorobenzene (Surr)	*102*		*56 - 136*		*10/09/24 18:36*	*1*
1,2-Dichloroethane-d4 (Surr)	*111*		*62 - 137*		*10/09/24 18:36*	*1*

Method: SW846 8270E - Semivolatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1'-Biphenyl	ND		0.96	0.47	ug/L		10/08/24 08:33	10/09/24 10:29	1
bis (2-chloroisopropyl) ether	ND		0.96	0.23	ug/L		10/08/24 08:33	10/09/24 10:29	1
2,4,5-Trichlorophenol	ND		4.8	1.9	ug/L		10/08/24 08:33	10/09/24 10:29	1
2,4,6-Trichlorophenol	ND		4.8	1.7	ug/L		10/08/24 08:33	10/09/24 10:29	1
2,4-Dichlorophenol	ND		1.9	0.25	ug/L		10/08/24 08:33	10/09/24 10:29	1
2,4-Dimethylphenol	ND		1.9	0.24	ug/L		10/08/24 08:33	10/09/24 10:29	1
2,4-Dinitrophenol	ND		9.6	2.5	ug/L		10/08/24 08:33	10/09/24 10:29	1
2,4-Dinitrotoluene	ND		4.8	2.0	ug/L		10/08/24 08:33	10/09/24 10:29	1
2,6-Dinitrotoluene	ND		4.8	1.0	ug/L		10/08/24 08:33	10/09/24 10:29	1
2-Chloronaphthalene	ND		0.96	0.22	ug/L		10/08/24 08:33	10/09/24 10:29	1
2-Chlorophenol	ND		0.96	0.26	ug/L		10/08/24 08:33	10/09/24 10:29	1
2-Methylnaphthalene	ND		0.19	0.11	ug/L		10/08/24 08:33	10/09/24 10:29	1
2-Methylphenol	ND		0.96	0.20	ug/L		10/08/24 08:33	10/09/24 10:29	1
2-Nitroaniline	ND		1.9	0.49	ug/L		10/08/24 08:33	10/09/24 10:29	1
2-Nitrophenol	ND		1.9	0.54	ug/L		10/08/24 08:33	10/09/24 10:29	1
3,3'-Dichlorobenzidine	ND		4.8	1.1	ug/L		10/08/24 08:33	10/09/24 10:29	1
3-Nitroaniline	ND		1.9	0.54	ug/L		10/08/24 08:33	10/09/24 10:29	1
4,6-Dinitro-2-methylphenol	ND		4.8	2.7	ug/L		10/08/24 08:33	10/09/24 10:29	1
4-Bromophenyl phenyl ether	ND		1.9	0.48	ug/L		10/08/24 08:33	10/09/24 10:29	1
4-Chloro-3-methylphenol	ND		1.9	0.28	ug/L		10/08/24 08:33	10/09/24 10:29	1
4-Chloroaniline	ND		1.9	0.30	ug/L		10/08/24 08:33	10/09/24 10:29	1
4-Chlorophenyl phenyl ether	ND		1.9	0.53	ug/L		10/08/24 08:33	10/09/24 10:29	1
4-Nitroaniline	ND		1.9	0.31	ug/L		10/08/24 08:33	10/09/24 10:29	1
4-Nitrophenol	ND		9.6	2.1	ug/L		10/08/24 08:33	10/09/24 10:29	1
Acenaphthene	ND		0.19	0.17	ug/L		10/08/24 08:33	10/09/24 10:29	1
Acenaphthylene	ND		0.19	0.12	ug/L		10/08/24 08:33	10/09/24 10:29	1
Acetophenone	ND		0.96	0.35	ug/L		10/08/24 08:33	10/09/24 10:29	1
Anthracene	ND		0.19	0.13	ug/L		10/08/24 08:33	10/09/24 10:29	1
Atrazine	ND		1.9	0.92	ug/L		10/08/24 08:33	10/09/24 10:29	1
Benzaldehyde	ND		1.9	0.73	ug/L		10/08/24 08:33	10/09/24 10:29	1
Benzo[a]anthracene	ND		0.19	0.065	ug/L		10/08/24 08:33	10/09/24 10:29	1
Benzo[a]pyrene	ND		0.19	0.17	ug/L		10/08/24 08:33	10/09/24 10:29	1
Benzo[b]fluoranthene	ND		0.19	0.15	ug/L		10/08/24 08:33	10/09/24 10:29	1
Benzo[g,h,i]perylene	ND		0.19	0.17	ug/L		10/08/24 08:33	10/09/24 10:29	1
Benzo[k]fluoranthene	ND		0.19	0.13	ug/L		10/08/24 08:33	10/09/24 10:29	1
Bis(2-chloroethoxy)methane	ND		0.96	0.21	ug/L		10/08/24 08:33	10/09/24 10:29	1
Bis(2-chloroethyl)ether	ND		0.96	0.39	ug/L		10/08/24 08:33	10/09/24 10:29	1
Bis(2-ethylhexyl) phthalate	**3.4**	**J**	4.8	2.1	ug/L		10/08/24 08:33	10/09/24 10:29	1
Butyl benzyl phthalate	ND		1.9	0.64	ug/L		10/08/24 08:33	10/09/24 10:29	1
Caprolactam	ND		4.8	3.7	ug/L		10/08/24 08:33	10/09/24 10:29	1
Carbazole	ND		0.96	0.47	ug/L		10/08/24 08:33	10/09/24 10:29	1
Chrysene	ND		0.19	0.063	ug/L		10/08/24 08:33	10/09/24 10:29	1
Dibenz(a,h)anthracene	ND		0.19	0.15	ug/L		10/08/24 08:33	10/09/24 10:29	1

Client Sample ID: EB-1-20241007
Date Collected: 10/07/24 14:30
Date Received: 10/07/24 16:10

Lab Sample ID: 240-212574-3
Matrix: Water

Method: SW846 8270E - Semivolatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Dibenzofuran	ND		0.96	0.26	ug/L		10/08/24 08:33	10/09/24 10:29	1
Diethyl phthalate	ND		4.8	0.39	ug/L		10/08/24 08:33	10/09/24 10:29	1
Dimethyl phthalate	ND		1.9	0.50	ug/L		10/08/24 08:33	10/09/24 10:29	1
Di-n-butyl phthalate	ND		4.8	1.7	ug/L		10/08/24 08:33	10/09/24 10:29	1
Di-n-octyl phthalate	ND		1.9	0.79	ug/L		10/08/24 08:33	10/09/24 10:29	1
Fluoranthene	ND		0.19	0.15	ug/L		10/08/24 08:33	10/09/24 10:29	1
Fluorene	ND		0.19	0.076	ug/L		10/08/24 08:33	10/09/24 10:29	1
Hexachlorobenzene	ND		0.19	0.15	ug/L		10/08/24 08:33	10/09/24 10:29	1
Hexachlorobutadiene	ND		0.96	0.52	ug/L		10/08/24 08:33	10/09/24 10:29	1
Hexachlorocyclopentadiene	ND		9.6	1.7	ug/L		10/08/24 08:33	10/09/24 10:29	1
Hexachloroethane	ND		0.96	0.38	ug/L		10/08/24 08:33	10/09/24 10:29	1
Indeno[1,2,3-cd]pyrene	ND		0.19	0.13	ug/L		10/08/24 08:33	10/09/24 10:29	1
Isophorone	ND		0.96	0.31	ug/L		10/08/24 08:33	10/09/24 10:29	1
N-Nitrosodi-n-propylamine	ND		0.96	0.24	ug/L		10/08/24 08:33	10/09/24 10:29	1
N-Nitrosodiphenylamine	ND		0.96	0.42	ug/L		10/08/24 08:33	10/09/24 10:29	1
Naphthalene	ND		0.19	0.10	ug/L		10/08/24 08:33	10/09/24 10:29	1
Nitrobenzene	ND		0.96	0.49	ug/L		10/08/24 08:33	10/09/24 10:29	1
Pentachlorophenol	ND		9.6	3.0	ug/L		10/08/24 08:33	10/09/24 10:29	1
Phenanthrene	ND		0.19	0.077	ug/L		10/08/24 08:33	10/09/24 10:29	1
Phenol	ND		0.96	0.39	ug/L		10/08/24 08:33	10/09/24 10:29	1
Pyrene	ND		0.19	0.080	ug/L		10/08/24 08:33	10/09/24 10:29	1
3 & 4 Methylphenol	ND		1.9	0.18	ug/L		10/08/24 08:33	10/09/24 10:29	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Terphenyl-d14 (Surr)	*77*		*43 - 136*	*10/08/24 08:33*	*10/09/24 10:29*	*1*
Phenol-d5 (Surr)	*72*		*10 - 120*	*10/08/24 08:33*	*10/09/24 10:29*	*1*
Nitrobenzene-d5 (Surr)	*66*		*40 - 120*	*10/08/24 08:33*	*10/09/24 10:29*	*1*
2-Fluorophenol (Surr)	*68*		*10 - 127*	*10/08/24 08:33*	*10/09/24 10:29*	*1*
2-Fluorobiphenyl (Surr)	*68*		*41 - 120*	*10/08/24 08:33*	*10/09/24 10:29*	*1*
2,4,6-Tribromophenol (Surr)	*43*		*23 - 127*	*10/08/24 08:33*	*10/09/24 10:29*	*1*

Method: SW846 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aroclor-1016	ND		0.38	0.22	ug/L		10/08/24 11:11	10/09/24 16:45	1
Aroclor-1221	ND		0.38	0.22	ug/L		10/08/24 11:11	10/09/24 16:45	1
Aroclor-1232	ND		0.38	0.28	ug/L		10/08/24 11:11	10/09/24 16:45	1
Aroclor-1242	ND		0.38	0.29	ug/L		10/08/24 11:11	10/09/24 16:45	1
Aroclor-1248	ND		0.38	0.19	ug/L		10/08/24 11:11	10/09/24 16:45	1
Aroclor-1254	ND		0.38	0.15	ug/L		10/08/24 11:11	10/09/24 16:45	1
Aroclor-1260	ND		0.38	0.18	ug/L		10/08/24 11:11	10/09/24 16:45	1
Aroclor-1262	ND		0.38	0.22	ug/L		10/08/24 11:11	10/09/24 16:45	1
Aroclor-1268	ND		0.38	0.24	ug/L		10/08/24 11:11	10/09/24 16:45	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Tetrachloro-m-xylene	*55*		*10 - 149*	*10/08/24 11:11*	*10/09/24 16:45*	*1*
DCB Decachlorobiphenyl	*60*		*10 - 174*	*10/08/24 11:11*	*10/09/24 16:45*	*1*

Method: SW846 6010D - Metals (ICP) - Total Recoverable

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	ND		15	4.1	ug/L		10/08/24 15:00	10/09/24 13:37	1

Client: August Mack Environmental, Inc.
Project/Site: MSC Canfield - Surface Water

Job ID: 240-212574-1

Client Sample ID: EB-1-20241007
Date Collected: 10/07/24 14:30
Date Received: 10/07/24 16:10

Lab Sample ID: 240-212574-3
Matrix: Water

Method: SW846 6010D - Metals (ICP) - Total Recoverable (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Barium	ND		200	1.3	ug/L		10/08/24 15:00	10/09/24 13:37	1
Cadmium	ND		5.0	0.45	ug/L		10/08/24 15:00	10/09/24 13:37	1
Chromium	ND		10	0.76	ug/L		10/08/24 15:00	10/09/24 13:37	1
Copper	ND		25	3.5	ug/L		10/08/24 15:00	10/09/24 13:37	1
Lead	ND		10	2.8	ug/L		10/08/24 15:00	10/09/24 13:37	1
Selenium	ND		20	6.0	ug/L		10/08/24 15:00	10/09/24 13:37	1
Silver	ND		10	1.4	ug/L		10/08/24 15:00	10/09/24 13:37	1
Zinc	ND		50	23	ug/L		10/08/24 15:00	10/09/24 13:37	1

Method: SW846 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	ND		0.20	0.13	ug/L		10/08/24 14:00	10/09/24 10:09	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chromium, hexavalent (SW846 7196A)	ND		0.020	0.0070	mg/L			10/08/24 08:55	1
Cyanide, Total (SW846 9012B)	ND		0.0012	0.00072	mg/L		10/10/24 10:00	10/10/24 13:24	1
Cyanide, Free (OI CORP OIA-1677)	ND		0.0060	0.0050	mg/L			10/10/24 17:39	1

Surrogate Summary

Client: August Mack Environmental, Inc.
Project/Site: MSC Canfield - Surface Water

Job ID: 240-212574-1

Method: 8260D - Volatile Organic Compounds by GC/MS

Matrix: Water

Prep Type: Total/NA

		Percent Surrogate Recovery (Acceptance Limits)			
		TOL	DBFM	BFB	DCA
Lab Sample ID	Client Sample ID	(78-122)	(73-120)	(56-136)	(62-137)
240-212574-1	T750-C-SW	103	102	97	110
240-212574-1 MS	T750-C-SW	109	96	109	105
240-212574-1 MSD	T750-C-SW	106	92	107	106
240-212574-2	TB-9-20241007	106	99	102	115
240-212574-3	EB-1-20241007	105	96	102	111
LCS 240-630020/4	Lab Control Sample	116	97	113	104
MB 240-630020/7	Method Blank	106	98	107	115

Surrogate Legend

TOL = Toluene-d8 (Surr)
DBFM = Dibromofluoromethane (Surr)
BFB = 4-Bromofluorobenzene (Surr)
DCA = 1,2-Dichloroethane-d4 (Surr)

Method: 8270E - Semivolatile Organic Compounds (GC/MS)

Matrix: Water

Prep Type: Total/NA

		Percent Surrogate Recovery (Acceptance Limits)					
		TPHL	PHL	NBZ	2FP	FBP	TBP
Lab Sample ID	Client Sample ID	(43-136)	(10-120)	(40-120)	(10-127)	(41-120)	(23-127)
240-212574-1	T750-C-SW	56	24	60	39	60	73
240-212574-1 MS	T750-C-SW	47	29	57	52	53	64
240-212574-1 MSD	T750-C-SW	44	25	53	48	48	60
240-212574-3	EB-1-20241007	77	72	66	68	68	43
LCS 240-629876/2-A	Lab Control Sample	77	77	77	110	73	91
MB 240-629876/1-A	Method Blank	86	72	75	65	73	47

Surrogate Legend

TPHL = Terphenyl-d14 (Surr)
PHL = Phenol-d5 (Surr)
NBZ = Nitrobenzene-d5 (Surr)
2FP = 2-Fluorophenol (Surr)
FBP = 2-Fluorobiphenyl (Surr)
TBP = 2,4,6-Tribromophenol (Surr)

Method: 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Matrix: Water

Prep Type: Total/NA

		Percent Surrogate Recovery (Acceptance Limits)	
		TCX2	DCBP2
Lab Sample ID	Client Sample ID	(10-149)	(10-174)
240-212574-1	T750-C-SW	62	13
240-212574-1 MS	T750-C-SW	59	13
240-212574-1 MSD	T750-C-SW	63	14
240-212574-3	EB-1-20241007	55	60
LCS 240-629884/2-A	Lab Control Sample	68	54
MB 240-629884/1-A	Method Blank	67	58

Surrogate Legend

TCX = Tetrachloro-m-xylene
DCBP = DCB Decachlorobiphenyl

Method: 8260D - Volatile Organic Compounds by GC/MS

Lab Sample ID: MB 240-630020/7
Matrix: Water
Analysis Batch: 630020

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		1.0	0.48	ug/L			10/09/24 10:41	1
1,1,2,2-Tetrachloroethane	ND		1.0	0.60	ug/L			10/09/24 10:41	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		1.0	0.41	ug/L			10/09/24 10:41	1
1,1,2-Trichloroethane	ND		1.0	0.48	ug/L			10/09/24 10:41	1
1,1-Dichloroethane	ND		1.0	0.47	ug/L			10/09/24 10:41	1
1,1-Dichloroethene	ND		1.0	0.49	ug/L			10/09/24 10:41	1
1,2,4-Trichlorobenzene	ND		1.0	0.77	ug/L			10/09/24 10:41	1
1,2-Dibromo-3-Chloropropane	ND		2.0	0.91	ug/L			10/09/24 10:41	1
Ethylene Dibromide	ND		1.0	0.41	ug/L			10/09/24 10:41	1
1,2-Dichlorobenzene	ND		1.0	0.48	ug/L			10/09/24 10:41	1
1,2-Dichloroethane	ND		1.0	0.46	ug/L			10/09/24 10:41	1
1,2-Dichloropropane	ND		1.0	0.47	ug/L			10/09/24 10:41	1
1,3-Dichlorobenzene	ND		1.0	0.45	ug/L			10/09/24 10:41	1
1,4-Dichlorobenzene	ND		1.0	0.41	ug/L			10/09/24 10:41	1
2-Butanone (MEK)	ND		10	1.2	ug/L			10/09/24 10:41	1
2-Hexanone	ND		10	1.1	ug/L			10/09/24 10:41	1
4-Methyl-2-pentanone (MIBK)	ND		10	0.99	ug/L			10/09/24 10:41	1
Acetone	ND		10	5.4	ug/L			10/09/24 10:41	1
Benzene	ND		1.0	0.42	ug/L			10/09/24 10:41	1
Dichlorobromomethane	ND		1.0	0.38	ug/L			10/09/24 10:41	1
Bromoform	ND		1.0	0.76	ug/L			10/09/24 10:41	1
Bromomethane	ND		1.0	0.42	ug/L			10/09/24 10:41	1
Carbon disulfide	ND		1.0	0.59	ug/L			10/09/24 10:41	1
Carbon tetrachloride	ND		1.0	0.26	ug/L			10/09/24 10:41	1
Chlorobenzene	ND		1.0	0.38	ug/L			10/09/24 10:41	1
Chloroethane	ND		1.0	0.83	ug/L			10/09/24 10:41	1
Chloroform	ND		1.0	0.47	ug/L			10/09/24 10:41	1
Chloromethane	ND		1.0	0.63	ug/L			10/09/24 10:41	1
cis-1,2-Dichloroethene	ND		1.0	0.46	ug/L			10/09/24 10:41	1
cis-1,3-Dichloropropene	ND		1.0	0.61	ug/L			10/09/24 10:41	1
Cyclohexane	ND		1.0	0.48	ug/L			10/09/24 10:41	1
Chlorodibromomethane	ND		1.0	0.39	ug/L			10/09/24 10:41	1
Dichlorodifluoromethane	ND		1.0	0.35	ug/L			10/09/24 10:41	1
Ethylbenzene	ND		1.0	0.42	ug/L			10/09/24 10:41	1
Isopropylbenzene	ND		1.0	0.49	ug/L			10/09/24 10:41	1
Methyl acetate	ND		10	1.7	ug/L			10/09/24 10:41	1
Methyl tert-butyl ether	ND		1.0	0.47	ug/L			10/09/24 10:41	1
Methylcyclohexane	ND		1.0	0.33	ug/L			10/09/24 10:41	1
Methylene Chloride	ND		5.0	2.6	ug/L			10/09/24 10:41	1
Styrene	ND		1.0	0.45	ug/L			10/09/24 10:41	1
Tetrachloroethene	ND		1.0	0.44	ug/L			10/09/24 10:41	1
Toluene	ND		1.0	0.44	ug/L			10/09/24 10:41	1
trans-1,2-Dichloroethene	ND		1.0	0.51	ug/L			10/09/24 10:41	1
trans-1,3-Dichloropropene	ND		1.0	0.67	ug/L			10/09/24 10:41	1
Trichloroethene	ND		1.0	0.44	ug/L			10/09/24 10:41	1
Trichlorofluoromethane	ND		1.0	0.45	ug/L			10/09/24 10:41	1
Vinyl chloride	ND		1.0	0.45	ug/L			10/09/24 10:41	1
Xylenes, Total	ND		2.0	0.42	ug/L			10/09/24 10:41	1

Method: 8260D - Volatile Organic Compounds by GC/MS (Continued)

Lab Sample ID: MB 240-630020/7
Matrix: Water
Analysis Batch: 630020

Client Sample ID: Method Blank
Prep Type: Total/NA

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
Toluene-d8 (Surr)	*106*		*78 - 122*		*10/09/24 10:41*	*1*
Dibromofluoromethane (Surr)	*98*		*73 - 120*		*10/09/24 10:41*	*1*
4-Bromofluorobenzene (Surr)	*107*		*56 - 136*		*10/09/24 10:41*	*1*
1,2-Dichloroethane-d4 (Surr)	*115*		*62 - 137*		*10/09/24 10:41*	*1*

Lab Sample ID: LCS 240-630020/4
Matrix: Water
Analysis Batch: 630020

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
1,1,1-Trichloroethane	25.0	27.1		ug/L		108	64 - 131
1,1,2,2-Tetrachloroethane	25.0	23.2		ug/L		93	58 - 157
1,1,2-Trichloro-1,2,2-trifluoroethane	25.0	27.6		ug/L		111	51 - 146
1,1,2-Trichloroethane	25.0	24.8		ug/L		99	70 - 138
1,1-Dichloroethane	25.0	25.1		ug/L		100	72 - 127
1,1-Dichloroethene	25.0	27.0		ug/L		108	63 - 134
1,2,4-Trichlorobenzene	25.0	25.2		ug/L		101	44 - 147
1,2-Dibromo-3-Chloropropane	25.0	23.9		ug/L		96	53 - 135
Ethylene Dibromide	25.0	25.6		ug/L		102	71 - 134
1,2-Dichlorobenzene	25.0	23.5		ug/L		94	78 - 120
1,2-Dichloroethane	25.0	26.0		ug/L		104	66 - 128
1,2-Dichloropropane	25.0	26.2		ug/L		105	75 - 133
1,3-Dichlorobenzene	25.0	25.9		ug/L		103	80 - 120
1,4-Dichlorobenzene	25.0	24.6		ug/L		98	80 - 120
2-Butanone (MEK)	50.0	56.2		ug/L		112	54 - 156
2-Hexanone	50.0	58.0		ug/L		116	43 - 167
4-Methyl-2-pentanone (MIBK)	50.0	52.9		ug/L		106	46 - 158
Acetone	50.0	62.3		ug/L		125	50 - 149
Benzene	25.0	24.9		ug/L		100	77 - 123
Dichlorobromomethane	25.0	24.2		ug/L		97	69 - 126
Bromoform	25.0	25.2		ug/L		101	57 - 129
Bromomethane	12.5	14.1		ug/L		113	36 - 142
Carbon disulfide	25.0	29.1		ug/L		116	43 - 140
Carbon tetrachloride	25.0	28.4		ug/L		114	55 - 137
Chlorobenzene	25.0	24.9		ug/L		100	80 - 121
Chloroethane	12.5	13.4		ug/L		107	38 - 152
Chloroform	25.0	24.4		ug/L		98	74 - 122
Chloromethane	12.5	11.2		ug/L		90	47 - 143
cis-1,2-Dichloroethene	25.0	25.1		ug/L		100	77 - 123
cis-1,3-Dichloropropene	25.0	24.8		ug/L		99	64 - 130
Cyclohexane	25.0	27.3		ug/L		109	58 - 146
Chlorodibromomethane	25.0	25.9		ug/L		104	70 - 124
Dichlorodifluoromethane	12.5	8.44		ug/L		68	34 - 153
Ethylbenzene	25.0	27.2		ug/L		109	80 - 121
Isopropylbenzene	25.0	30.6		ug/L		122	74 - 128
Methyl acetate	50.0	49.5		ug/L		99	42 - 169
Methyl tert-butyl ether	25.0	27.5		ug/L		110	65 - 126
Methylcyclohexane	25.0	26.8		ug/L		107	62 - 136

Method: 8260D - Volatile Organic Compounds by GC/MS (Continued)

Lab Sample ID: LCS 240-630020/4
Matrix: Water
Analysis Batch: 630020

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Methylene Chloride	25.0	26.8		ug/L		107	71 - 125
Styrene	25.0	28.5		ug/L		114	80 - 135
Tetrachloroethene	25.0	27.3		ug/L		109	76 - 123
Toluene	25.0	25.8		ug/L		103	80 - 123
trans-1,2-Dichloroethene	25.0	24.0		ug/L		96	75 - 124
trans-1,3-Dichloropropene	25.0	27.6		ug/L		110	57 - 129
Trichloroethene	25.0	22.6		ug/L		90	70 - 122
Trichlorofluoromethane	12.5	14.0		ug/L		112	30 - 170
Vinyl chloride	12.5	11.8		ug/L		95	60 - 144
Xylenes, Total	50.0	55.1		ug/L		110	80 - 121
m-Xylene & p-Xylene	25.0	28.1		ug/L		112	80 - 120
o-Xylene	25.0	27.0		ug/L		108	80 - 123

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
Toluene-d8 (Surr)	*116*		*78 - 122*
Dibromofluoromethane (Surr)	*97*		*73 - 120*
4-Bromofluorobenzene (Surr)	*113*		*56 - 136*
1,2-Dichloroethane-d4 (Surr)	*104*		*62 - 137*

Lab Sample ID: 240-212574-1 MS
Matrix: Water
Analysis Batch: 630020

Client Sample ID: T750-C-SW
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
1,1,1-Trichloroethane	ND		25.0	22.9		ug/L		91	60 - 130
1,1,2,2-Tetrachloroethane	ND		25.0	24.3		ug/L		97	54 - 145
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		25.0	19.3		ug/L		77	41 - 147
1,1,2-Trichloroethane	ND		25.0	24.3		ug/L		97	69 - 131
1,1-Dichloroethane	ND		25.0	23.5		ug/L		94	68 - 125
1,1-Dichloroethene	ND		25.0	22.4		ug/L		90	56 - 135
1,2,4-Trichlorobenzene	ND		25.0	20.2		ug/L		81	29 - 156
1,2-Dibromo-3-Chloropropane	ND		25.0	21.6		ug/L		87	41 - 129
Ethylene Dibromide	ND		25.0	25.2		ug/L		101	69 - 125
1,2-Dichlorobenzene	ND		25.0	22.3		ug/L		89	73 - 120
1,2-Dichloroethane	ND		25.0	25.1		ug/L		100	63 - 126
1,2-Dichloropropane	ND		25.0	25.6		ug/L		102	69 - 130
1,3-Dichlorobenzene	ND		25.0	23.5		ug/L		94	73 - 120
1,4-Dichlorobenzene	ND		25.0	22.5		ug/L		90	74 - 120
2-Butanone (MEK)	ND	F2	50.0	59.7		ug/L		119	40 - 151
2-Hexanone	ND		50.0	56.4		ug/L		113	35 - 156
4-Methyl-2-pentanone (MIBK)	ND		50.0	52.8		ug/L		106	31 - 153
Acetone	6.9	J	50.0	61.7		ug/L		110	33 - 149
Benzene	ND		25.0	23.6		ug/L		94	64 - 128
Dichlorobromomethane	ND		25.0	23.4		ug/L		94	62 - 125
Bromoform	ND		25.0	23.6		ug/L		94	47 - 125
Bromomethane	ND		12.5	11.8		ug/L		94	28 - 150
Carbon disulfide	ND		25.0	24.8		ug/L		99	38 - 140
Carbon tetrachloride	ND		25.0	22.5		ug/L		90	51 - 133

Method: 8260D - Volatile Organic Compounds by GC/MS (Continued)

Lab Sample ID: 240-212574-1 MS
Matrix: Water
Analysis Batch: 630020

Client Sample ID: T750-C-SW
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Chlorobenzene	ND		25.0	22.7		ug/L		91	74 - 121
Chloroethane	ND		12.5	9.97		ug/L		80	10 - 199
Chloroform	ND		25.0	22.0		ug/L		88	70 - 122
Chloromethane	ND		12.5	10.6		ug/L		85	32 - 149
cis-1,2-Dichloroethene	ND		25.0	23.1		ug/L		92	66 - 128
cis-1,3-Dichloropropene	ND		25.0	24.4		ug/L		98	47 - 125
Cyclohexane	ND		25.0	20.8		ug/L		83	42 - 147
Chlorodibromomethane	ND		25.0	24.1		ug/L		96	65 - 120
Dichlorodifluoromethane	ND		12.5	5.66		ug/L		45	38 - 139
Ethylbenzene	ND		25.0	24.0		ug/L		96	67 - 127
Isopropylbenzene	ND		25.0	25.4		ug/L		102	64 - 129
Methyl acetate	ND		50.0	49.2		ug/L		98	37 - 155
Methyl tert-butyl ether	ND		25.0	26.7		ug/L		107	47 - 134
Methylcyclohexane	ND		25.0	20.5		ug/L		82	39 - 144
Methylene Chloride	ND		25.0	26.1		ug/L		104	62 - 129
Styrene	ND		25.0	25.3		ug/L		101	70 - 139
Tetrachloroethene	ND		25.0	21.6		ug/L		86	62 - 131
Toluene	ND		25.0	22.8		ug/L		91	58 - 135
trans-1,2-Dichloroethene	ND		25.0	21.6		ug/L		86	56 - 136
trans-1,3-Dichloropropene	ND		25.0	26.3		ug/L		105	47 - 120
Trichloroethene	ND		25.0	19.2		ug/L		77	61 - 124
Trichlorofluoromethane	ND		12.5	10.0		ug/L		80	24 - 177
Vinyl chloride	ND		12.5	9.90		ug/L		79	43 - 157
Xylenes, Total	ND		50.0	47.5		ug/L		95	71 - 123
m-Xylene & p-Xylene	ND		25.0	23.4		ug/L		94	71 - 123
o-Xylene	ND		25.0	24.1		ug/L		96	70 - 125

Surrogate	*MS %Recovery*	*MS Qualifier*	*Limits*
Toluene-d8 (Surr)	*109*		*78 - 122*
Dibromofluoromethane (Surr)	*96*		*73 - 120*
4-Bromofluorobenzene (Surr)	*109*		*56 - 136*
1,2-Dichloroethane-d4 (Surr)	*105*		*62 - 137*

Lab Sample ID: 240-212574-1 MSD
Matrix: Water
Analysis Batch: 630020

Client Sample ID: T750-C-SW
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
1,1,1-Trichloroethane	ND		25.0	25.5		ug/L		102	60 - 130	11	17
1,1,2,2-Tetrachloroethane	ND		25.0	24.6		ug/L		98	54 - 145	1	15
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		25.0	26.4		ug/L		105	41 - 147	31	35
1,1,2-Trichloroethane	ND		25.0	23.1		ug/L		93	69 - 131	5	14
1,1-Dichloroethane	ND		25.0	24.7		ug/L		99	68 - 125	5	13
1,1-Dichloroethene	ND		25.0	26.8		ug/L		107	56 - 135	18	26
1,2,4-Trichlorobenzene	ND		25.0	23.5		ug/L		94	29 - 156	15	19
1,2-Dibromo-3-Chloropropane	ND		25.0	23.5		ug/L		94	41 - 129	8	22
Ethylene Dibromide	ND		25.0	25.5		ug/L		102	69 - 125	1	14
1,2-Dichlorobenzene	ND		25.0	22.9		ug/L		92	73 - 120	3	14

Method: 8260D - Volatile Organic Compounds by GC/MS (Continued)

Lab Sample ID: 240-212574-1 MSD
Matrix: Water
Analysis Batch: 630020

Client Sample ID: T750-C-SW
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
1,2-Dichloroethane	ND		25.0	26.2		ug/L		105	63 - 126	4	12
1,2-Dichloropropane	ND		25.0	25.5		ug/L		102	69 - 130	0	13
1,3-Dichlorobenzene	ND		25.0	24.1		ug/L		96	73 - 120	3	14
1,4-Dichlorobenzene	ND		25.0	23.2		ug/L		93	74 - 120	3	15
2-Butanone (MEK)	ND	F2	50.0	44.6	F2	ug/L		89	40 - 151	29	20
2-Hexanone	ND		50.0	56.2		ug/L		112	35 - 156	0	17
4-Methyl-2-pentanone (MIBK)	ND		50.0	53.0		ug/L		106	31 - 153	0	15
Acetone	6.9	J	50.0	64.8		ug/L		116	33 - 149	5	34
Benzene	ND		25.0	24.5		ug/L		98	64 - 128	4	14
Dichlorobromomethane	ND		25.0	23.5		ug/L		94	62 - 125	0	13
Bromoform	ND		25.0	24.6		ug/L		98	47 - 125	4	15
Bromomethane	ND		12.5	13.2		ug/L		106	28 - 150	12	26
Carbon disulfide	ND		25.0	28.5		ug/L		114	38 - 140	14	23
Carbon tetrachloride	ND		25.0	27.2		ug/L		109	51 - 133	19	24
Chlorobenzene	ND		25.0	23.2		ug/L		93	74 - 121	2	14
Chloroethane	ND		12.5	10.8		ug/L		86	10 - 199	8	30
Chloroform	ND		25.0	23.7		ug/L		95	70 - 122	7	14
Chloromethane	ND		12.5	10.3		ug/L		82	32 - 149	3	27
cis-1,2-Dichloroethene	ND		25.0	26.2		ug/L		105	66 - 128	12	14
cis-1,3-Dichloropropene	ND		25.0	24.1		ug/L		96	47 - 125	1	13
Cyclohexane	ND		25.0	26.6		ug/L		106	42 - 147	25	35
Chlorodibromomethane	ND		25.0	25.1		ug/L		100	65 - 120	4	13
Dichlorodifluoromethane	ND		12.5	7.57		ug/L		61	38 - 139	29	35
Ethylbenzene	ND		25.0	25.2		ug/L		101	67 - 127	5	15
Isopropylbenzene	ND		25.0	27.3		ug/L		109	64 - 129	7	18
Methyl acetate	ND		50.0	51.1		ug/L		102	37 - 155	4	18
Methyl tert-butyl ether	ND		25.0	27.7		ug/L		111	47 - 134	4	16
Methylcyclohexane	ND		25.0	25.7		ug/L		103	39 - 144	22	35
Methylene Chloride	ND		25.0	27.4		ug/L		109	62 - 129	5	17
Styrene	ND		25.0	26.2		ug/L		105	70 - 139	4	18
Tetrachloroethene	ND		25.0	24.3		ug/L		97	62 - 131	12	20
Toluene	ND		25.0	23.3		ug/L		93	58 - 135	2	14
trans-1,2-Dichloroethene	ND		25.0	23.9		ug/L		96	56 - 136	10	15
trans-1,3-Dichloropropene	ND		25.0	25.6		ug/L		102	47 - 120	3	14
Trichloroethene	ND		25.0	20.6		ug/L		82	61 - 124	7	15
Trichlorofluoromethane	ND		12.5	12.0		ug/L		96	24 - 177	18	34
Vinyl chloride	ND		12.5	10.6		ug/L		85	43 - 157	7	24
Xylenes, Total	ND		50.0	50.2		ug/L		100	71 - 123	6	15
m-Xylene & p-Xylene	ND		25.0	24.9		ug/L		100	71 - 123	6	16
o-Xylene	ND		25.0	25.3		ug/L		101	70 - 125	5	15

Surrogate	*MSD %Recovery*	*MSD Qualifier*	*Limits*
Toluene-d8 (Surr)	*106*		*78 - 122*
Dibromofluoromethane (Surr)	*92*		*73 - 120*
4-Bromofluorobenzene (Surr)	*107*		*56 - 136*
1,2-Dichloroethane-d4 (Surr)	*106*		*62 - 137*

Method: 8270E - Semivolatile Organic Compounds (GC/MS)

Lab Sample ID: MB 240-629876/1-A
Matrix: Water
Analysis Batch: 630018

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 629876

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1'-Biphenyl	ND		1.0	0.49	ug/L		10/08/24 08:33	10/09/24 09:20	1
bis (2-chloroisopropyl) ether	ND		1.0	0.24	ug/L		10/08/24 08:33	10/09/24 09:20	1
2,4,5-Trichlorophenol	ND		5.0	2.0	ug/L		10/08/24 08:33	10/09/24 09:20	1
2,4,6-Trichlorophenol	ND		5.0	1.8	ug/L		10/08/24 08:33	10/09/24 09:20	1
2,4-Dichlorophenol	ND		2.0	0.26	ug/L		10/08/24 08:33	10/09/24 09:20	1
2,4-Dimethylphenol	ND		2.0	0.25	ug/L		10/08/24 08:33	10/09/24 09:20	1
2,4-Dinitrophenol	ND		10	2.6	ug/L		10/08/24 08:33	10/09/24 09:20	1
2,4-Dinitrotoluene	ND		5.0	2.1	ug/L		10/08/24 08:33	10/09/24 09:20	1
2,6-Dinitrotoluene	ND		5.0	1.1	ug/L		10/08/24 08:33	10/09/24 09:20	1
2-Chloronaphthalene	ND		1.0	0.23	ug/L		10/08/24 08:33	10/09/24 09:20	1
2-Chlorophenol	ND		1.0	0.27	ug/L		10/08/24 08:33	10/09/24 09:20	1
2-Methylnaphthalene	ND		0.20	0.11	ug/L		10/08/24 08:33	10/09/24 09:20	1
2-Methylphenol	ND		1.0	0.21	ug/L		10/08/24 08:33	10/09/24 09:20	1
2-Nitroaniline	ND		2.0	0.51	ug/L		10/08/24 08:33	10/09/24 09:20	1
2-Nitrophenol	ND		2.0	0.56	ug/L		10/08/24 08:33	10/09/24 09:20	1
3,3'-Dichlorobenzidine	ND		5.0	1.2	ug/L		10/08/24 08:33	10/09/24 09:20	1
3-Nitroaniline	ND		2.0	0.57	ug/L		10/08/24 08:33	10/09/24 09:20	1
4,6-Dinitro-2-methylphenol	ND		5.0	2.8	ug/L		10/08/24 08:33	10/09/24 09:20	1
4-Bromophenyl phenyl ether	ND		2.0	0.50	ug/L		10/08/24 08:33	10/09/24 09:20	1
4-Chloro-3-methylphenol	ND		2.0	0.30	ug/L		10/08/24 08:33	10/09/24 09:20	1
4-Chloroaniline	ND		2.0	0.32	ug/L		10/08/24 08:33	10/09/24 09:20	1
4-Chlorophenyl phenyl ether	ND		2.0	0.55	ug/L		10/08/24 08:33	10/09/24 09:20	1
4-Nitroaniline	ND		2.0	0.33	ug/L		10/08/24 08:33	10/09/24 09:20	1
4-Nitrophenol	ND		10	2.2	ug/L		10/08/24 08:33	10/09/24 09:20	1
Acenaphthene	ND		0.20	0.17	ug/L		10/08/24 08:33	10/09/24 09:20	1
Acenaphthylene	ND		0.20	0.13	ug/L		10/08/24 08:33	10/09/24 09:20	1
Acetophenone	ND		1.0	0.37	ug/L		10/08/24 08:33	10/09/24 09:20	1
Anthracene	ND		0.20	0.14	ug/L		10/08/24 08:33	10/09/24 09:20	1
Atrazine	ND		2.0	0.95	ug/L		10/08/24 08:33	10/09/24 09:20	1
Benzaldehyde	ND		2.0	0.76	ug/L		10/08/24 08:33	10/09/24 09:20	1
Benzo[a]anthracene	ND		0.20	0.068	ug/L		10/08/24 08:33	10/09/24 09:20	1
Benzo[a]pyrene	ND		0.20	0.17	ug/L		10/08/24 08:33	10/09/24 09:20	1
Benzo[b]fluoranthene	ND		0.20	0.15	ug/L		10/08/24 08:33	10/09/24 09:20	1
Benzo[g,h,i]perylene	ND		0.20	0.18	ug/L		10/08/24 08:33	10/09/24 09:20	1
Benzo[k]fluoranthene	ND		0.20	0.14	ug/L		10/08/24 08:33	10/09/24 09:20	1
Bis(2-chloroethoxy)methane	ND		1.0	0.22	ug/L		10/08/24 08:33	10/09/24 09:20	1
Bis(2-chloroethyl)ether	ND		1.0	0.40	ug/L		10/08/24 08:33	10/09/24 09:20	1
Bis(2-ethylhexyl) phthalate	ND		5.0	2.2	ug/L		10/08/24 08:33	10/09/24 09:20	1
Butyl benzyl phthalate	ND		2.0	0.67	ug/L		10/08/24 08:33	10/09/24 09:20	1
Caprolactam	ND		5.0	3.8	ug/L		10/08/24 08:33	10/09/24 09:20	1
Carbazole	ND		1.0	0.49	ug/L		10/08/24 08:33	10/09/24 09:20	1
Chrysene	ND		0.20	0.066	ug/L		10/08/24 08:33	10/09/24 09:20	1
Dibenz(a,h)anthracene	ND		0.20	0.15	ug/L		10/08/24 08:33	10/09/24 09:20	1
Dibenzofuran	ND		1.0	0.27	ug/L		10/08/24 08:33	10/09/24 09:20	1
Diethyl phthalate	ND		5.0	0.41	ug/L		10/08/24 08:33	10/09/24 09:20	1
Dimethyl phthalate	ND		2.0	0.52	ug/L		10/08/24 08:33	10/09/24 09:20	1
Di-n-butyl phthalate	ND		5.0	1.8	ug/L		10/08/24 08:33	10/09/24 09:20	1
Di-n-octyl phthalate	ND		2.0	0.82	ug/L		10/08/24 08:33	10/09/24 09:20	1

Method: 8270E - Semivolatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: MB 240-629876/1-A
Matrix: Water
Analysis Batch: 630018

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 629876

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Fluoranthene	ND		0.20	0.16	ug/L		10/08/24 08:33	10/09/24 09:20	1
Fluorene	ND		0.20	0.079	ug/L		10/08/24 08:33	10/09/24 09:20	1
Hexachlorobenzene	ND		0.20	0.16	ug/L		10/08/24 08:33	10/09/24 09:20	1
Hexachlorobutadiene	ND		1.0	0.54	ug/L		10/08/24 08:33	10/09/24 09:20	1
Hexachlorocyclopentadiene	ND		10	1.8	ug/L		10/08/24 08:33	10/09/24 09:20	1
Hexachloroethane	ND		1.0	0.40	ug/L		10/08/24 08:33	10/09/24 09:20	1
Indeno[1,2,3-cd]pyrene	ND		0.20	0.14	ug/L		10/08/24 08:33	10/09/24 09:20	1
Isophorone	ND		1.0	0.32	ug/L		10/08/24 08:33	10/09/24 09:20	1
N-Nitrosodi-n-propylamine	ND		1.0	0.25	ug/L		10/08/24 08:33	10/09/24 09:20	1
N-Nitrosodiphenylamine	ND		1.0	0.44	ug/L		10/08/24 08:33	10/09/24 09:20	1
Naphthalene	ND		0.20	0.11	ug/L		10/08/24 08:33	10/09/24 09:20	1
Nitrobenzene	ND		1.0	0.51	ug/L		10/08/24 08:33	10/09/24 09:20	1
Pentachlorophenol	ND		10	3.1	ug/L		10/08/24 08:33	10/09/24 09:20	1
Phenanthrene	ND		0.20	0.080	ug/L		10/08/24 08:33	10/09/24 09:20	1
Phenol	ND		1.0	0.40	ug/L		10/08/24 08:33	10/09/24 09:20	1
Pyrene	ND		0.20	0.083	ug/L		10/08/24 08:33	10/09/24 09:20	1
3 & 4 Methylphenol	ND		2.0	0.19	ug/L		10/08/24 08:33	10/09/24 09:20	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Terphenyl-d14 (Surr)	*86*		*43 - 136*	*10/08/24 08:33*	*10/09/24 09:20*	*1*
Phenol-d5 (Surr)	*72*		*10 - 120*	*10/08/24 08:33*	*10/09/24 09:20*	*1*
Nitrobenzene-d5 (Surr)	*75*		*40 - 120*	*10/08/24 08:33*	*10/09/24 09:20*	*1*
2-Fluorophenol (Surr)	*65*		*10 - 127*	*10/08/24 08:33*	*10/09/24 09:20*	*1*
2-Fluorobiphenyl (Surr)	*73*		*41 - 120*	*10/08/24 08:33*	*10/09/24 09:20*	*1*
2,4,6-Tribromophenol (Surr)	*47*		*23 - 127*	*10/08/24 08:33*	*10/09/24 09:20*	*1*

Lab Sample ID: LCS 240-629876/2-A
Matrix: Water
Analysis Batch: 630018

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 629876

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
1,1'-Biphenyl	32.0	24.7		ug/L		77	48 - 120
bis (2-chloroisopropyl) ether	32.0	28.0		ug/L		88	34 - 126
2,4,5-Trichlorophenol	32.0	28.5		ug/L		89	51 - 129
2,4,6-Trichlorophenol	32.0	28.9		ug/L		90	51 - 128
2,4-Dichlorophenol	32.0	28.7		ug/L		90	57 - 122
2,4-Dimethylphenol	32.0	21.8		ug/L		68	33 - 120
2,4-Dinitrophenol	64.0	47.4		ug/L		74	27 - 126
2,4-Dinitrotoluene	32.0	31.8		ug/L		99	55 - 131
2,6-Dinitrotoluene	32.0	30.0		ug/L		94	54 - 134
2-Chloronaphthalene	32.0	24.7		ug/L		77	50 - 120
2-Chlorophenol	32.0	28.5		ug/L		89	57 - 120
2-Methylnaphthalene	32.0	24.2		ug/L		76	47 - 120
2-Methylphenol	32.0	30.3		ug/L		95	47 - 120
2-Nitroaniline	32.0	31.4		ug/L		98	51 - 138
2-Nitrophenol	32.0	28.1		ug/L		88	53 - 127
3,3'-Dichlorobenzidine	64.0	60.1		ug/L		94	39 - 150
3-Nitroaniline	32.0	32.3		ug/L		101	13 - 156

Method: 8270E - Semivolatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: LCS 240-629876/2-A
Matrix: Water
Analysis Batch: 630018

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 629876

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
4,6-Dinitro-2-methylphenol	64.0	56.9		ug/L		89	45 - 130
4-Bromophenyl phenyl ether	32.0	28.4		ug/L		89	51 - 129
4-Chloro-3-methylphenol	32.0	28.1		ug/L		88	57 - 126
4-Chloroaniline	32.0	7.26		ug/L		23	10 - 120
4-Chlorophenyl phenyl ether	32.0	27.2		ug/L		85	52 - 122
4-Nitroaniline	32.0	32.1		ug/L		100	44 - 156
4-Nitrophenol	64.0	48.9		ug/L		76	14 - 120
Acenaphthene	32.0	24.8		ug/L		77	50 - 120
Acenaphthylene	32.0	26.0		ug/L		81	49 - 120
Acetophenone	32.0	29.2		ug/L		91	52 - 120
Anthracene	32.0	28.2		ug/L		88	55 - 124
Atrazine	32.0	29.0		ug/L		91	50 - 152
Benzaldehyde	32.0	29.3		ug/L		91	36 - 168
Benzo[a]anthracene	32.0	28.9		ug/L		90	55 - 130
Benzo[a]pyrene	32.0	29.7		ug/L		93	51 - 123
Benzo[b]fluoranthene	32.0	29.1		ug/L		91	51 - 130
Benzo[g,h,i]perylene	32.0	29.8		ug/L		93	55 - 135
Benzo[k]fluoranthene	32.0	29.5		ug/L		92	53 - 130
Bis(2-chloroethoxy)methane	32.0	27.1		ug/L		85	50 - 121
Bis(2-chloroethyl)ether	32.0	24.7		ug/L		77	47 - 120
Bis(2-ethylhexyl) phthalate	32.0	30.0		ug/L		94	45 - 142
Butyl benzyl phthalate	32.0	30.9		ug/L		97	48 - 140
Caprolactam	32.0	10.2		ug/L		32	10 - 120
Carbazole	32.0	28.0		ug/L		87	56 - 135
Chrysene	32.0	27.5		ug/L		86	52 - 126
Dibenz(a,h)anthracene	32.0	30.3		ug/L		95	57 - 132
Dibenzofuran	32.0	26.1		ug/L		82	52 - 120
Diethyl phthalate	32.0	27.2		ug/L		85	51 - 127
Dimethyl phthalate	32.0	28.3		ug/L		88	40 - 136
Di-n-butyl phthalate	32.0	30.2		ug/L		94	56 - 138
Di-n-octyl phthalate	32.0	28.8		ug/L		90	45 - 135
Fluoranthene	32.0	29.4		ug/L		92	56 - 135
Fluorene	32.0	26.3		ug/L		82	52 - 124
Hexachlorobenzene	32.0	27.0		ug/L		85	49 - 127
Hexachlorobutadiene	32.0	20.0		ug/L		62	36 - 120
Hexachlorocyclopentadiene	32.0	7.53	J	ug/L		24	10 - 120
Hexachloroethane	32.0	20.0		ug/L		63	39 - 120
Indeno[1,2,3-cd]pyrene	32.0	30.1		ug/L		94	55 - 134
Isophorone	32.0	28.4		ug/L		89	50 - 127
N-Nitrosodi-n-propylamine	32.0	27.8		ug/L		87	49 - 128
N-Nitrosodiphenylamine	32.0	27.7		ug/L		86	53 - 127
Naphthalene	32.0	22.8		ug/L		71	46 - 120
Nitrobenzene	32.0	26.6		ug/L		83	50 - 123
Pentachlorophenol	64.0	53.4		ug/L		83	24 - 124
Phenanthrene	32.0	26.6		ug/L		83	54 - 120
Phenol	32.0	26.8		ug/L		84	10 - 120
Pyrene	32.0	28.1		ug/L		88	53 - 135
3 & 4 Methylphenol	32.0	31.5		ug/L		98	41 - 120

Method: 8270E - Semivolatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: LCS 240-629876/2-A
Matrix: Water
Analysis Batch: 630018

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 629876

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
Terphenyl-d14 (Surr)	*77*		*43 - 136*
Phenol-d5 (Surr)	*77*		*10 - 120*
Nitrobenzene-d5 (Surr)	*77*		*40 - 120*
2-Fluorophenol (Surr)	*110*		*10 - 127*
2-Fluorobiphenyl (Surr)	*73*		*41 - 120*
2,4,6-Tribromophenol (Surr)	*91*		*23 - 127*

Lab Sample ID: 240-212574-1 MS
Matrix: Water
Analysis Batch: 630018

Client Sample ID: T750-C-SW
Prep Type: Total/NA
Prep Batch: 629876

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
1,1'-Biphenyl	ND		30.8	17.1		ug/L		56	39 - 120
bis (2-chloroisopropyl) ether	ND		30.8	20.0		ug/L		65	31 - 120
2,4,5-Trichlorophenol	ND		30.8	20.3		ug/L		66	49 - 120
2,4,6-Trichlorophenol	ND		30.8	20.2		ug/L		66	49 - 120
2,4-Dichlorophenol	ND		30.8	21.1		ug/L		68	54 - 120
2,4-Dimethylphenol	ND		30.8	15.6		ug/L		51	21 - 120
2,4-Dinitrophenol	ND		61.5	30.6		ug/L		50	10 - 140
2,4-Dinitrotoluene	ND		30.8	21.0		ug/L		68	53 - 127
2,6-Dinitrotoluene	ND		30.8	20.2		ug/L		66	54 - 121
2-Chloronaphthalene	ND		30.8	17.2		ug/L		56	34 - 120
2-Chlorophenol	ND		30.8	21.3		ug/L		69	48 - 124
2-Methylnaphthalene	ND		30.8	17.9		ug/L		58	29 - 120
2-Methylphenol	ND		30.8	19.5		ug/L		63	31 - 131
2-Nitroaniline	ND		30.8	22.1		ug/L		72	55 - 124
2-Nitrophenol	ND		30.8	20.2		ug/L		66	51 - 120
3,3'-Dichlorobenzidine	ND		61.5	14.2		ug/L		23	10 - 153
3-Nitroaniline	ND		30.8	17.7		ug/L		57	18 - 155
4,6-Dinitro-2-methylphenol	ND		61.5	31.2		ug/L		51	29 - 131
4-Bromophenyl phenyl ether	ND		30.8	18.3		ug/L		59	45 - 120
4-Chloro-3-methylphenol	ND		30.8	21.3		ug/L		69	53 - 123
4-Chloroaniline	ND	F1	30.8	2.66	F1	ug/L		9	10 - 120
4-Chlorophenyl phenyl ether	ND		30.8	17.7		ug/L		58	45 - 120
4-Nitroaniline	ND		30.8	19.8		ug/L		64	30 - 166
4-Nitrophenol	ND		61.5	17.2		ug/L		28	10 - 123
Acenaphthene	ND		30.8	16.9		ug/L		55	33 - 120
Acenaphthylene	ND		30.8	17.9		ug/L		58	34 - 120
Acetophenone	ND		30.8	21.5		ug/L		70	39 - 126
Anthracene	ND		30.8	18.3		ug/L		60	50 - 120
Atrazine	ND		30.8	20.5		ug/L		67	45 - 137
Benzaldehyde	ND		30.8	22.1		ug/L		72	40 - 158
Benzo[a]anthracene	ND		30.8	17.9		ug/L		58	47 - 131
Benzo[a]pyrene	ND		30.8	17.5		ug/L		57	44 - 120
Benzo[b]fluoranthene	0.16	J	30.8	17.2		ug/L		55	46 - 122
Benzo[g,h,i]perylene	ND		30.8	17.7		ug/L		57	43 - 132
Benzo[k]fluoranthene	ND		30.8	17.2		ug/L		56	47 - 123
Bis(2-chloroethoxy)methane	ND		30.8	19.2		ug/L		62	52 - 120

Method: 8270E - Semivolatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: 240-212574-1 MS
Matrix: Water
Analysis Batch: 630018

Client Sample ID: T750-C-SW
Prep Type: Total/NA
Prep Batch: 629876

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Bis(2-chloroethyl)ether	ND		30.8	18.9		ug/L		61	43 - 120
Bis(2-ethylhexyl) phthalate	ND		30.8	21.4		ug/L		69	45 - 137
Butyl benzyl phthalate	ND		30.8	20.0		ug/L		65	44 - 139
Caprolactam	ND	F1	30.8	ND	F1	ug/L		0	10 - 120
Carbazole	ND		30.8	19.5		ug/L		63	46 - 126
Chrysene	0.15	J	30.8	17.1		ug/L		55	44 - 126
Dibenz(a,h)anthracene	ND		30.8	18.6		ug/L		61	45 - 130
Dibenzofuran	ND		30.8	17.6		ug/L		57	44 - 120
Diethyl phthalate	ND		30.8	18.6		ug/L		60	51 - 120
Dimethyl phthalate	ND		30.8	19.3		ug/L		63	36 - 127
Di-n-butyl phthalate	ND		30.8	19.8		ug/L		64	50 - 129
Di-n-octyl phthalate	ND		30.8	17.7		ug/L		58	45 - 128
Fluoranthene	0.21		30.8	18.5		ug/L		59	51 - 126
Fluorene	ND		30.8	17.6		ug/L		57	45 - 120
Hexachlorobenzene	ND		30.8	17.4		ug/L		57	46 - 120
Hexachlorobutadiene	ND		30.8	15.8		ug/L		51	10 - 120
Hexachlorocyclopentadiene	ND		30.8	4.44	J	ug/L		14	10 - 120
Hexachloroethane	ND		30.8	15.3		ug/L		50	10 - 120
Indeno[1,2,3-cd]pyrene	ND		30.8	18.1		ug/L		59	43 - 133
Isophorone	ND		30.8	20.0		ug/L		65	52 - 120
N-Nitrosodi-n-propylamine	ND		30.8	20.3		ug/L		66	48 - 120
N-Nitrosodiphenylamine	ND		30.8	18.5		ug/L		60	50 - 120
Naphthalene	ND		30.8	17.1		ug/L		55	29 - 120
Nitrobenzene	ND		30.8	18.7		ug/L		61	48 - 120
Pentachlorophenol	ND		61.5	39.7		ug/L		65	10 - 124
Phenanthrene	ND		30.8	17.3		ug/L		56	48 - 120
Phenol	ND		30.8	9.76		ug/L		32	10 - 134
Pyrene	0.18	J	30.8	17.3		ug/L		56	42 - 138
3 & 4 Methylphenol	ND		30.8	19.5		ug/L		63	23 - 127

Surrogate	*MS %Recovery*	*MS Qualifier*	*Limits*
Terphenyl-d14 (Surr)	*47*		*43 - 136*
Phenol-d5 (Surr)	*29*		*10 - 120*
Nitrobenzene-d5 (Surr)	*57*		*40 - 120*
2-Fluorophenol (Surr)	*52*		*10 - 127*
2-Fluorobiphenyl (Surr)	*53*		*41 - 120*
2,4,6-Tribromophenol (Surr)	*64*		*23 - 127*

Lab Sample ID: 240-212574-1 MSD
Matrix: Water
Analysis Batch: 630018

Client Sample ID: T750-C-SW
Prep Type: Total/NA
Prep Batch: 629876

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
1,1'-Biphenyl	ND		30.8	15.7		ug/L		51	39 - 120	8	32
bis (2-chloroisopropyl) ether	ND		30.8	17.2		ug/L		56	31 - 120	15	34
2,4,5-Trichlorophenol	ND		30.8	18.7		ug/L		61	49 - 120	8	32
2,4,6-Trichlorophenol	ND		30.8	19.3		ug/L		63	49 - 120	5	31
2,4-Dichlorophenol	ND		30.8	19.7		ug/L		64	54 - 120	6	31

Method: 8270E - Semivolatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: 240-212574-1 MSD
Matrix: Water
Analysis Batch: 630018

Client Sample ID: T750-C-SW
Prep Type: Total/NA
Prep Batch: 629876

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
2,4-Dimethylphenol	ND		30.8	14.7		ug/L		48	21 - 120	6	35
2,4-Dinitrophenol	ND		61.5	30.1		ug/L		49	10 - 140	2	35
2,4-Dinitrotoluene	ND		30.8	20.2		ug/L		66	53 - 127	4	30
2,6-Dinitrotoluene	ND		30.8	18.9		ug/L		61	54 - 121	7	32
2-Chloronaphthalene	ND		30.8	16.0		ug/L		52	34 - 120	7	34
2-Chlorophenol	ND		30.8	18.5		ug/L		60	48 - 124	14	35
2-Methylnaphthalene	ND		30.8	16.2		ug/L		53	29 - 120	10	34
2-Methylphenol	ND		30.8	17.4		ug/L		56	31 - 131	11	34
2-Nitroaniline	ND		30.8	21.4		ug/L		70	55 - 124	3	32
2-Nitrophenol	ND		30.8	18.6		ug/L		61	51 - 120	8	32
3,3'-Dichlorobenzidine	ND		61.5	12.7		ug/L		21	10 - 153	11	35
3-Nitroaniline	ND		30.8	17.4		ug/L		56	18 - 155	2	35
4,6-Dinitro-2-methylphenol	ND		61.5	30.3		ug/L		49	29 - 131	3	35
4-Bromophenyl phenyl ether	ND		30.8	16.9		ug/L		55	45 - 120	8	33
4-Chloro-3-methylphenol	ND		30.8	20.5		ug/L		67	53 - 123	4	31
4-Chloroaniline	ND	F1	30.8	2.51	F1	ug/L		8	10 - 120	6	35
4-Chlorophenyl phenyl ether	ND		30.8	16.3		ug/L		53	45 - 120	8	32
4-Nitroaniline	ND		30.8	20.1		ug/L		65	30 - 166	1	35
4-Nitrophenol	ND		61.5	16.6		ug/L		27	10 - 123	4	35
Acenaphthene	ND		30.8	15.7		ug/L		51	33 - 120	8	29
Acenaphthylene	ND		30.8	16.4		ug/L		53	34 - 120	9	31
Acetophenone	ND		30.8	19.1		ug/L		62	39 - 126	12	34
Anthracene	ND		30.8	16.6		ug/L		54	50 - 120	10	28
Atrazine	ND		30.8	19.8		ug/L		64	45 - 137	3	35
Benzaldehyde	ND		30.8	18.4		ug/L		60	40 - 158	18	35
Benzo[a]anthracene	ND		30.8	16.4		ug/L		53	47 - 131	9	29
Benzo[a]pyrene	ND		30.8	15.9		ug/L		52	44 - 120	9	28
Benzo[b]fluoranthene	0.16	J	30.8	15.7		ug/L		51	46 - 122	9	30
Benzo[g,h,i]perylene	ND		30.8	15.8		ug/L		51	43 - 132	11	29
Benzo[k]fluoranthene	ND		30.8	15.6		ug/L		51	47 - 123	10	28
Bis(2-chloroethoxy)methane	ND		30.8	17.8		ug/L		58	52 - 120	8	32
Bis(2-chloroethyl)ether	ND		30.8	16.4		ug/L		53	43 - 120	14	35
Bis(2-ethylhexyl) phthalate	ND		30.8	19.4		ug/L		63	45 - 137	10	35
Butyl benzyl phthalate	ND		30.8	18.6		ug/L		60	44 - 139	8	32
Caprolactam	ND	F1	30.8	ND	F1	ug/L		0	10 - 120	NC	35
Carbazole	ND		30.8	18.3		ug/L		59	46 - 126	6	35
Chrysene	0.15	J	30.8	15.6		ug/L		50	44 - 126	9	28
Dibenz(a,h)anthracene	ND		30.8	16.6		ug/L		54	45 - 130	12	28
Dibenzofuran	ND		30.8	16.2		ug/L		53	44 - 120	8	31
Diethyl phthalate	ND		30.8	17.3		ug/L		56	51 - 120	7	30
Dimethyl phthalate	ND		30.8	18.0		ug/L		58	36 - 127	7	31
Di-n-butyl phthalate	ND		30.8	18.6		ug/L		60	50 - 129	6	33
Di-n-octyl phthalate	ND		30.8	16.2		ug/L		53	45 - 128	9	33
Fluoranthene	0.21		30.8	17.2		ug/L		55	51 - 126	7	29
Fluorene	ND		30.8	16.3		ug/L		53	45 - 120	8	29
Hexachlorobenzene	ND		30.8	16.1		ug/L		52	46 - 120	8	32
Hexachlorobutadiene	ND		30.8	13.7		ug/L		44	10 - 120	14	35
Hexachlorocyclopentadiene	ND		30.8	4.21	J	ug/L		14	10 - 120	5	35
Hexachloroethane	ND		30.8	13.4		ug/L		44	10 - 120	13	35

Method: 8270E - Semivolatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: 240-212574-1 MSD
Matrix: Water
Analysis Batch: 630018

Client Sample ID: T750-C-SW
Prep Type: Total/NA
Prep Batch: 629876

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Indeno[1,2,3-cd]pyrene	ND		30.8	16.3		ug/L		53	43 - 133	11	28
Isophorone	ND		30.8	18.4		ug/L		60	52 - 120	8	31
N-Nitrosodi-n-propylamine	ND		30.8	18.1		ug/L		59	48 - 120	11	33
N-Nitrosodiphenylamine	ND		30.8	17.2		ug/L		56	50 - 120	7	31
Naphthalene	ND		30.8	15.4		ug/L		50	29 - 120	10	35
Nitrobenzene	ND		30.8	17.4		ug/L		57	48 - 120	7	31
Pentachlorophenol	ND		61.5	37.0		ug/L		60	10 - 124	7	35
Phenanthrene	ND		30.8	16.0		ug/L		52	48 - 120	8	29
Phenol	ND		30.8	8.67		ug/L		28	10 - 134	12	35
Pyrene	0.18	J	30.8	16.3		ug/L		53	42 - 138	6	28
3 & 4 Methylphenol	ND		30.8	17.6		ug/L		57	23 - 127	10	34

Surrogate	*MSD %Recovery*	*MSD Qualifier*	*Limits*
Terphenyl-d14 (Surr)	*44*		*43 - 136*
Phenol-d5 (Surr)	*25*		*10 - 120*
Nitrobenzene-d5 (Surr)	*53*		*40 - 120*
2-Fluorophenol (Surr)	*48*		*10 - 127*
2-Fluorobiphenyl (Surr)	*48*		*41 - 120*
2,4,6-Tribromophenol (Surr)	*60*		*23 - 127*

Method: 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Lab Sample ID: MB 240-629884/1-A
Matrix: Water
Analysis Batch: 630002

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 629884

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aroclor-1016	ND		0.10	0.056	ug/L		10/08/24 09:06	10/09/24 10:44	1
Aroclor-1221	ND		0.10	0.057	ug/L		10/08/24 09:06	10/09/24 10:44	1
Aroclor-1232	ND		0.10	0.074	ug/L		10/08/24 09:06	10/09/24 10:44	1
Aroclor-1242	ND		0.10	0.076	ug/L		10/08/24 09:06	10/09/24 10:44	1
Aroclor-1248	ND		0.10	0.050	ug/L		10/08/24 09:06	10/09/24 10:44	1
Aroclor-1254	ND		0.10	0.040	ug/L		10/08/24 09:06	10/09/24 10:44	1
Aroclor-1260	ND		0.10	0.046	ug/L		10/08/24 09:06	10/09/24 10:44	1
Aroclor-1262	ND		0.10	0.058	ug/L		10/08/24 09:06	10/09/24 10:44	1
Aroclor-1268	ND		0.10	0.062	ug/L		10/08/24 09:06	10/09/24 10:44	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Tetrachloro-m-xylene	*67*		*10 - 149*	*10/08/24 09:06*	*10/09/24 10:44*	*1*
DCB Decachlorobiphenyl	*58*		*10 - 174*	*10/08/24 09:06*	*10/09/24 10:44*	*1*

Lab Sample ID: LCS 240-629884/2-A
Matrix: Water
Analysis Batch: 630002

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 629884

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
Aroclor-1016			2.50	3.38		ug/L		135	28 - 140		
Aroclor-1260			2.50	3.35		ug/L		134	39 - 153		

Method: 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography (Continued)

Lab Sample ID: LCS 240-629884/2-A
Matrix: Water
Analysis Batch: 630002

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 629884

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
Tetrachloro-m-xylene	*68*		*10 - 149*
DCB Decachlorobiphenyl	*54*		*10 - 174*

Lab Sample ID: 240-212574-1 MS
Matrix: Water
Analysis Batch: 630002

Client Sample ID: T750-C-SW
Prep Type: Total/NA
Prep Batch: 629884

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Aroclor-1016	ND		12.5	7.74		ug/L		62	50 - 120
Aroclor-1260	ND	F1	12.5	3.65	F1	ug/L		29	39 - 135

Surrogate	*MS %Recovery*	*MS Qualifier*	*Limits*
Tetrachloro-m-xylene	*59*		*10 - 149*
DCB Decachlorobiphenyl	*13*		*10 - 174*

Lab Sample ID: 240-212574-1 MSD
Matrix: Water
Analysis Batch: 630002

Client Sample ID: T750-C-SW
Prep Type: Total/NA
Prep Batch: 629884

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Aroclor-1016	ND		12.5	8.24		ug/L		66	50 - 120	6	25
Aroclor-1260	ND	F1	12.5	4.02	F1	ug/L		32	39 - 135	9	26

Surrogate	*MSD %Recovery*	*MSD Qualifier*	*Limits*
Tetrachloro-m-xylene	*63*		*10 - 149*
DCB Decachlorobiphenyl	*14*		*10 - 174*

Method: 6010D - Metals (ICP)

Lab Sample ID: MB 240-629909/1-A
Matrix: Water
Analysis Batch: 630156

Client Sample ID: Method Blank
Prep Type: Total Recoverable
Prep Batch: 629909

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	ND		15	4.1	ug/L		10/08/24 15:00	10/09/24 11:45	1
Barium	ND		200	1.3	ug/L		10/08/24 15:00	10/09/24 11:45	1
Cadmium	ND		5.0	0.45	ug/L		10/08/24 15:00	10/09/24 11:45	1
Chromium	ND		10	0.76	ug/L		10/08/24 15:00	10/09/24 11:45	1
Copper	ND		25	3.5	ug/L		10/08/24 15:00	10/09/24 11:45	1
Lead	ND		10	2.8	ug/L		10/08/24 15:00	10/09/24 11:45	1
Selenium	ND		20	6.0	ug/L		10/08/24 15:00	10/09/24 11:45	1
Silver	ND		10	1.4	ug/L		10/08/24 15:00	10/09/24 11:45	1
Zinc	ND		50	23	ug/L		10/08/24 15:00	10/09/24 11:45	1

Method: 6010D - Metals (ICP) (Continued)

Lab Sample ID: LCS 240-629909/2-A
Matrix: Water
Analysis Batch: 630156

Client Sample ID: Lab Control Sample
Prep Type: Total Recoverable
Prep Batch: 629909

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Arsenic	2000	2080		ug/L		104	80 - 120
Barium	2000	1890		ug/L		95	80 - 120
Cadmium	1000	1030		ug/L		103	80 - 120
Chromium	1000	978		ug/L		98	80 - 120
Copper	1000	1010		ug/L		101	80 - 120
Lead	1000	964		ug/L		96	80 - 120
Selenium	2000	2110		ug/L		105	80 - 120
Silver	100	93.7		ug/L		94	80 - 120
Zinc	1000	985		ug/L		98	80 - 120

Lab Sample ID: 240-212574-1 MS
Matrix: Water
Analysis Batch: 630156

Client Sample ID: T750-C-SW
Prep Type: Total Recoverable
Prep Batch: 629909

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Arsenic	27		2000	2150		ug/L		106	75 - 125
Barium	66	J	2000	1940		ug/L		94	75 - 125
Cadmium	0.55	J	1000	1030		ug/L		103	75 - 125
Chromium	24		1000	1020		ug/L		99	75 - 125
Copper	62		1000	1070		ug/L		101	75 - 125
Lead	24		1000	947		ug/L		92	75 - 125
Selenium	ND		2000	2130		ug/L		106	75 - 125
Silver	ND		100	95.7		ug/L		96	75 - 125
Zinc	3200		1000	4180		ug/L		94	75 - 125

Lab Sample ID: 240-212574-1 MSD
Matrix: Water
Analysis Batch: 630156

Client Sample ID: T750-C-SW
Prep Type: Total Recoverable
Prep Batch: 629909

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Arsenic	27		2000	2180		ug/L		108	75 - 125	1	20
Barium	66	J	2000	1990		ug/L		96	75 - 125	3	20
Cadmium	0.55	J	1000	1050		ug/L		105	75 - 125	2	20
Chromium	24		1000	1020		ug/L		100	75 - 125	1	20
Copper	62		1000	1100		ug/L		103	75 - 125	2	20
Lead	24		1000	964		ug/L		94	75 - 125	2	20
Selenium	ND		2000	2150		ug/L		107	75 - 125	1	20
Silver	ND		100	97.5		ug/L		98	75 - 125	2	20
Zinc	3200		1000	4210		ug/L		97	75 - 125	1	20

Lab Sample ID: 240-212574-1 MS
Matrix: Water
Analysis Batch: 630156

Client Sample ID: T750-C-SW
Prep Type: Dissolved
Prep Batch: 629909

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Arsenic	27		2000	2180		ug/L		107	75 - 125
Barium	61	J	2000	1990		ug/L		97	75 - 125
Cadmium	ND		1000	1040		ug/L		104	75 - 125
Chromium	20		1000	1020		ug/L		100	75 - 125

Method: 6010D - Metals (ICP) (Continued)

Lab Sample ID: 240-212574-1 MS
Matrix: Water
Analysis Batch: 630156

Client Sample ID: T750-C-SW
Prep Type: Dissolved
Prep Batch: 629909

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Copper	57		1000	1080		ug/L		103	75 - 125
Lead	21		1000	960		ug/L		94	75 - 125
Selenium	ND		2000	2140		ug/L		107	75 - 125
Silver	ND		100	96.8		ug/L		97	75 - 125
Zinc	2700	F1	1000	3650		ug/L		91	75 - 125

Lab Sample ID: 240-212574-1 MSD
Matrix: Water
Analysis Batch: 630156

Client Sample ID: T750-C-SW
Prep Type: Dissolved
Prep Batch: 629909

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Arsenic	27		2000	2140		ug/L		106	75 - 125	2	20
Barium	61	J	2000	1980		ug/L		96	75 - 125	1	20
Cadmium	ND		1000	1030		ug/L		103	75 - 125	2	20
Chromium	20		1000	1010		ug/L		99	75 - 125	1	20
Copper	57		1000	1050		ug/L		100	75 - 125	3	20
Lead	21		1000	941		ug/L		92	75 - 125	2	20
Selenium	ND		2000	2120		ug/L		106	75 - 125	1	20
Silver	ND		100	93.9		ug/L		94	75 - 125	3	20
Zinc	2700	F1	1000	3130	F1	ug/L		40	75 - 125	15	20

Method: 7470A - Mercury (CVAA)

Lab Sample ID: MB 240-629914/1-A
Matrix: Water
Analysis Batch: 630093

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 629914

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	ND		0.20	0.13	ug/L		10/08/24 14:00	10/09/24 09:40	1

Lab Sample ID: LCS 240-629914/2-A
Matrix: Water
Analysis Batch: 630093

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 629914

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Mercury	5.00	5.03		ug/L		101	80 - 120

Lab Sample ID: 240-212574-1 MS
Matrix: Water
Analysis Batch: 630093

Client Sample ID: T750-C-SW
Prep Type: Total/NA
Prep Batch: 629914

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Mercury	ND		1.00	1.11		ug/L		111	80 - 120

Lab Sample ID: 240-212574-1 MSD
Matrix: Water
Analysis Batch: 630093

Client Sample ID: T750-C-SW
Prep Type: Total/NA
Prep Batch: 629914

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Mercury	ND		1.00	1.10		ug/L		110	80 - 120	0	20

Method: 7470A - Mercury (CVAA) (Continued)

Lab Sample ID: 240-212574-1 MS
Matrix: Water
Analysis Batch: 630093

Client Sample ID: T750-C-SW
Prep Type: Dissolved
Prep Batch: 629914

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Mercury	ND		1.00	1.08		ug/L		108	80 - 120

Lab Sample ID: 240-212574-1 MSD
Matrix: Water
Analysis Batch: 630093

Client Sample ID: T750-C-SW
Prep Type: Dissolved
Prep Batch: 629914

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Mercury	ND		1.00	1.07		ug/L		107	80 - 120	1	20

Method: 7196A - Chromium, Hexavalent

Lab Sample ID: MB 240-629882/3
Matrix: Water
Analysis Batch: 629882

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chromium, hexavalent	ND		0.020	0.0070	mg/L			10/08/24 08:54	1

Lab Sample ID: LCS 240-629882/4
Matrix: Water
Analysis Batch: 629882

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Chromium, hexavalent	0.250	0.237		mg/L		95	85 - 115

Lab Sample ID: 240-212574-1 MS
Matrix: Water
Analysis Batch: 629882

Client Sample ID: T750-C-SW
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Chromium, hexavalent	ND		12.5	11.9		mg/L		95	85 - 115

Lab Sample ID: 240-212574-1 MSD
Matrix: Water
Analysis Batch: 629882

Client Sample ID: T750-C-SW
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Chromium, hexavalent	ND		12.5	11.8		mg/L		94	85 - 115	2	20

Lab Sample ID: 240-212574-1 MS
Matrix: Water
Analysis Batch: 629882

Client Sample ID: T750-C-SW
Prep Type: Dissolved

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Chromium, hexavalent	ND		12.5	12.0		mg/L		96	85 - 115

Method: 7196A - Chromium, Hexavalent (Continued)

Lab Sample ID: 240-212574-1 MSD
Matrix: Water
Analysis Batch: 629882

Client Sample ID: T750-C-SW
Prep Type: Dissolved

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Chromium, hexavalent	ND		12.5	11.9		mg/L		95	85 - 115	1	20

Method: 9012B - Cyanide, Total andor Amenable

Lab Sample ID: MB 240-629941/1-A
Matrix: Water
Analysis Batch: 629970

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 629941

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cyanide, Total	ND		0.010	0.0060	mg/L		10/08/24 11:07	10/08/24 13:15	1

Lab Sample ID: LCS 240-629941/2-A
Matrix: Water
Analysis Batch: 629970

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 629941

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Cyanide, Total	0.327	0.320		mg/L		98	85 - 115

Lab Sample ID: 240-212574-1 MS
Matrix: Water
Analysis Batch: 629970

Client Sample ID: T750-C-SW
Prep Type: Total/NA
Prep Batch: 629941

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Cyanide, Total	0.84		0.0400	0.776	4	mg/L		-169	22 - 135

Lab Sample ID: 240-212574-1 MSD
Matrix: Water
Analysis Batch: 629970

Client Sample ID: T750-C-SW
Prep Type: Total/NA
Prep Batch: 629941

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Cyanide, Total	0.84		0.0400	0.782	4	mg/L		-154	22 - 135	1	40

Lab Sample ID: MB 240-630213/17-A
Matrix: Water
Analysis Batch: 630296

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 630213

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cyanide, Total	ND		0.27	0.16	mg/L		10/10/24 10:00	10/10/24 12:55	1

Lab Sample ID: LCS 240-630213/18-A
Matrix: Water
Analysis Batch: 630296

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 630213

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Cyanide, Total	6.77	6.36		mg/L		94	85 - 115

Method: 9012B - Cyanide, Total andor Amenable (Continued)

Lab Sample ID: 240-212574-3 MS
Matrix: Water
Analysis Batch: 630296

Client Sample ID: EB-1-20241007
Prep Type: Total/NA
Prep Batch: 630213

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Cyanide, Total	ND		0.00500	0.00484		mg/L		97	22 - 135

Lab Sample ID: 240-212574-3 MSD
Matrix: Water
Analysis Batch: 630296

Client Sample ID: EB-1-20241007
Prep Type: Total/NA
Prep Batch: 630213

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Cyanide, Total	ND		0.00500	0.00517		mg/L		103	22 - 135	7	40

Lab Sample ID: MRL 240-630296/10
Matrix: Water
Analysis Batch: 630296

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	MRL Result	MRL Qualifier	Unit	D	%Rec	%Rec Limits
Cyanide, Total	0.0100	0.0114		mg/L		114	70 - 130

Method: OIA-1677 - Cyanide, Free (Flow Injection)

Lab Sample ID: MB 410-561860/17
Matrix: Water
Analysis Batch: 561860

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cyanide, Free	ND		0.0060	0.0050	mg/L			10/10/24 17:09	1

Lab Sample ID: LCS 410-561860/16
Matrix: Water
Analysis Batch: 561860

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Cyanide, Free	0.0500	0.0537		mg/L		107	82 - 132

Lab Sample ID: 240-212574-1 MS
Matrix: Water
Analysis Batch: 561860

Client Sample ID: T750-C-SW
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Cyanide, Free	0.046	F1 F2	0.0500	0.102		mg/L		113	82 - 130

Lab Sample ID: 240-212574-1 MSD
Matrix: Water
Analysis Batch: 561860

Client Sample ID: T750-C-SW
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Cyanide, Free	0.046	F1 F2	0.0500	0.100		mg/L		109	82 - 130	2	11

QC Association Summary

Client: August Mack Environmental, Inc.
Project/Site: MSC Canfield - Surface Water

Job ID: 240-212574-1

GC/MS VOA

Analysis Batch: 630020

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
240-212574-1	T750-C-SW	Total/NA	Water	8260D	
240-212574-2	TB-9-20241007	Total/NA	Water	8260D	
240-212574-3	EB-1-20241007	Total/NA	Water	8260D	
MB 240-630020/7	Method Blank	Total/NA	Water	8260D	
LCS 240-630020/4	Lab Control Sample	Total/NA	Water	8260D	
240-212574-1 MS	T750-C-SW	Total/NA	Water	8260D	
240-212574-1 MSD	T750-C-SW	Total/NA	Water	8260D	

GC/MS Semi VOA

Prep Batch: 629876

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
240-212574-1	T750-C-SW	Total/NA	Water	3510C LVI	
240-212574-3	EB-1-20241007	Total/NA	Water	3510C LVI	
MB 240-629876/1-A	Method Blank	Total/NA	Water	3510C LVI	
LCS 240-629876/2-A	Lab Control Sample	Total/NA	Water	3510C LVI	
240-212574-1 MS	T750-C-SW	Total/NA	Water	3510C LVI	
240-212574-1 MSD	T750-C-SW	Total/NA	Water	3510C LVI	

Analysis Batch: 630018

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
240-212574-1	T750-C-SW	Total/NA	Water	8270E	629876
240-212574-3	EB-1-20241007	Total/NA	Water	8270E	629876
MB 240-629876/1-A	Method Blank	Total/NA	Water	8270E	629876
LCS 240-629876/2-A	Lab Control Sample	Total/NA	Water	8270E	629876
240-212574-1 MS	T750-C-SW	Total/NA	Water	8270E	629876
240-212574-1 MSD	T750-C-SW	Total/NA	Water	8270E	629876

GC Semi VOA

Prep Batch: 629884

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
240-212574-1	T750-C-SW	Total/NA	Water	3510C	
240-212574-3	EB-1-20241007	Total/NA	Water	3510C	
MB 240-629884/1-A	Method Blank	Total/NA	Water	3510C	
LCS 240-629884/2-A	Lab Control Sample	Total/NA	Water	3510C	
240-212574-1 MS	T750-C-SW	Total/NA	Water	3510C	
240-212574-1 MSD	T750-C-SW	Total/NA	Water	3510C	

Analysis Batch: 630002

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
240-212574-1	T750-C-SW	Total/NA	Water	8082A	629884
240-212574-3	EB-1-20241007	Total/NA	Water	8082A	629884
MB 240-629884/1-A	Method Blank	Total/NA	Water	8082A	629884
LCS 240-629884/2-A	Lab Control Sample	Total/NA	Water	8082A	629884
240-212574-1 MS	T750-C-SW	Total/NA	Water	8082A	629884
240-212574-1 MSD	T750-C-SW	Total/NA	Water	8082A	629884

Metals

Prep Batch: 629909

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
240-212574-1	T750-C-SW	Dissolved	Water	3005A	
240-212574-1	T750-C-SW	Total Recoverable	Water	3005A	
240-212574-3	EB-1-20241007	Total Recoverable	Water	3005A	
MB 240-629909/1-A	Method Blank	Total Recoverable	Water	3005A	
LCS 240-629909/2-A	Lab Control Sample	Total Recoverable	Water	3005A	
240-212574-1 MS	T750-C-SW	Dissolved	Water	3005A	
240-212574-1 MS	T750-C-SW	Total Recoverable	Water	3005A	
240-212574-1 MSD	T750-C-SW	Dissolved	Water	3005A	
240-212574-1 MSD	T750-C-SW	Total Recoverable	Water	3005A	

Prep Batch: 629914

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
240-212574-1	T750-C-SW	Dissolved	Water	7470A	
240-212574-1	T750-C-SW	Total/NA	Water	7470A	
240-212574-3	EB-1-20241007	Total/NA	Water	7470A	
MB 240-629914/1-A	Method Blank	Total/NA	Water	7470A	
LCS 240-629914/2-A	Lab Control Sample	Total/NA	Water	7470A	
240-212574-1 MS	T750-C-SW	Dissolved	Water	7470A	
240-212574-1 MS	T750-C-SW	Total/NA	Water	7470A	
240-212574-1 MSD	T750-C-SW	Dissolved	Water	7470A	
240-212574-1 MSD	T750-C-SW	Total/NA	Water	7470A	

Analysis Batch: 630093

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
240-212574-1	T750-C-SW	Dissolved	Water	7470A	629914
240-212574-1	T750-C-SW	Total/NA	Water	7470A	629914
240-212574-3	EB-1-20241007	Total/NA	Water	7470A	629914
MB 240-629914/1-A	Method Blank	Total/NA	Water	7470A	629914
LCS 240-629914/2-A	Lab Control Sample	Total/NA	Water	7470A	629914
240-212574-1 MS	T750-C-SW	Dissolved	Water	7470A	629914
240-212574-1 MS	T750-C-SW	Total/NA	Water	7470A	629914
240-212574-1 MSD	T750-C-SW	Dissolved	Water	7470A	629914
240-212574-1 MSD	T750-C-SW	Total/NA	Water	7470A	629914

Analysis Batch: 630156

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
240-212574-1	T750-C-SW	Dissolved	Water	6010D	629909
240-212574-1	T750-C-SW	Total Recoverable	Water	6010D	629909
240-212574-3	EB-1-20241007	Total Recoverable	Water	6010D	629909
MB 240-629909/1-A	Method Blank	Total Recoverable	Water	6010D	629909
LCS 240-629909/2-A	Lab Control Sample	Total Recoverable	Water	6010D	629909
240-212574-1 MS	T750-C-SW	Dissolved	Water	6010D	629909
240-212574-1 MS	T750-C-SW	Total Recoverable	Water	6010D	629909
240-212574-1 MSD	T750-C-SW	Dissolved	Water	6010D	629909
240-212574-1 MSD	T750-C-SW	Total Recoverable	Water	6010D	629909

General Chemistry

Analysis Batch: 561860

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
240-212574-1	T750-C-SW	Total/NA	Water	OIA-1677	

General Chemistry (Continued)

Analysis Batch: 561860 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
240-212574-3	EB-1-20241007	Total/NA	Water	OIA-1677	
MB 410-561860/17	Method Blank	Total/NA	Water	OIA-1677	
LCS 410-561860/16	Lab Control Sample	Total/NA	Water	OIA-1677	
240-212574-1 MS	T750-C-SW	Total/NA	Water	OIA-1677	
240-212574-1 MSD	T750-C-SW	Total/NA	Water	OIA-1677	

Analysis Batch: 629882

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
240-212574-1	T750-C-SW	Dissolved	Water	7196A	
240-212574-1	T750-C-SW	Total/NA	Water	7196A	
240-212574-3	EB-1-20241007	Total/NA	Water	7196A	
MB 240-629882/3	Method Blank	Total/NA	Water	7196A	
LCS 240-629882/4	Lab Control Sample	Total/NA	Water	7196A	
240-212574-1 MS	T750-C-SW	Dissolved	Water	7196A	
240-212574-1 MS	T750-C-SW	Total/NA	Water	7196A	
240-212574-1 MSD	T750-C-SW	Dissolved	Water	7196A	
240-212574-1 MSD	T750-C-SW	Total/NA	Water	7196A	

Prep Batch: 629941

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
240-212574-1	T750-C-SW	Total/NA	Water	9012B	
MB 240-629941/1-A	Method Blank	Total/NA	Water	9012B	
LCS 240-629941/2-A	Lab Control Sample	Total/NA	Water	9012B	
240-212574-1 MS	T750-C-SW	Total/NA	Water	9012B	
240-212574-1 MSD	T750-C-SW	Total/NA	Water	9012B	

Analysis Batch: 629970

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
240-212574-1	T750-C-SW	Total/NA	Water	9012B	629941
MB 240-629941/1-A	Method Blank	Total/NA	Water	9012B	629941
LCS 240-629941/2-A	Lab Control Sample	Total/NA	Water	9012B	629941
240-212574-1 MS	T750-C-SW	Total/NA	Water	9012B	629941
240-212574-1 MSD	T750-C-SW	Total/NA	Water	9012B	629941

Prep Batch: 630213

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
240-212574-3	EB-1-20241007	Total/NA	Water	9012B	
MB 240-630213/17-A	Method Blank	Total/NA	Water	9012B	
LCS 240-630213/18-A	Lab Control Sample	Total/NA	Water	9012B	
240-212574-3 MS	EB-1-20241007	Total/NA	Water	9012B	
240-212574-3 MSD	EB-1-20241007	Total/NA	Water	9012B	

Analysis Batch: 630296

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
240-212574-3	EB-1-20241007	Total/NA	Water	9012B	630213
MB 240-630213/17-A	Method Blank	Total/NA	Water	9012B	630213
LCS 240-630213/18-A	Lab Control Sample	Total/NA	Water	9012B	630213
MRL 240-630296/10	Lab Control Sample	Total/NA	Water	9012B	
240-212574-3 MS	EB-1-20241007	Total/NA	Water	9012B	630213
240-212574-3 MSD	EB-1-20241007	Total/NA	Water	9012B	630213

Lab Chronicle

Client: August Mack Environmental, Inc.
Job ID: 240-212574-1
Project/Site: MSC Canfield - Surface Water

Client Sample ID: T750-C-SW
Lab Sample ID: 240-212574-1

Date Collected: 10/07/24 13:05
Matrix: Water
Date Received: 10/07/24 16:10

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260D		1	630020	LEE	EET CLE	10/09/24 16:52
Total/NA	Prep	3510C LVI			629876	CR2J	EET CLE	10/08/24 08:33
Total/NA	Analysis	8270E		1	630018	MRU	EET CLE	10/09/24 12:23
Total/NA	Prep	3510C			629884	CR2J	EET CLE	10/08/24 09:06
Total/NA	Analysis	8082A		1	630002	LSH	EET CLE	10/09/24 16:03
Dissolved	Prep	3005A			629909	S4FJ	EET CLE	10/08/24 15:00
Dissolved	Analysis	6010D		1	630156	KLC	EET CLE	10/09/24 12:21
Total Recoverable	Prep	3005A			629909	S4FJ	EET CLE	10/08/24 15:00
Total Recoverable	Analysis	6010D		1	630156	KLC	EET CLE	10/09/24 11:59
Dissolved	Prep	7470A			629914	S4FJ	EET CLE	10/08/24 14:00
Dissolved	Analysis	7470A		1	630093	TQ6W	EET CLE	10/09/24 09:49
Total/NA	Prep	7470A			629914	S4FJ	EET CLE	10/08/24 14:00
Total/NA	Analysis	7470A		1	630093	TQ6W	EET CLE	10/09/24 09:44
Dissolved	Analysis	7196A		50	629882	C5SV	EET CLE	10/08/24 08:54
Total/NA	Analysis	7196A		50	629882	C5SV	EET CLE	10/08/24 08:54
Total/NA	Prep	9012B			629941	BLW	EET CLE	10/08/24 11:07
Total/NA	Analysis	9012B		50	629970	BLW	EET CLE	10/08/24 13:58
Total/NA	Analysis	OIA-1677		1	561860	UJE2	ELLE	10/10/24 18:09

Client Sample ID: TB-9-20241007
Lab Sample ID: 240-212574-2

Date Collected: 10/07/24 00:00
Matrix: Water
Date Received: 10/07/24 16:10

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260D		1	630020	LEE	EET CLE	10/09/24 18:10

Client Sample ID: EB-1-20241007
Lab Sample ID: 240-212574-3

Date Collected: 10/07/24 14:30
Matrix: Water
Date Received: 10/07/24 16:10

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260D		1	630020	LEE	EET CLE	10/09/24 18:36
Total/NA	Prep	3510C LVI			629876	CR2J	EET CLE	10/08/24 08:33
Total/NA	Analysis	8270E		1	630018	MRU	EET CLE	10/09/24 10:29
Total/NA	Prep	3510C			629884	CR2J	EET CLE	10/08/24 11:11
Total/NA	Analysis	8082A		1	630002	LSH	EET CLE	10/09/24 16:45
Total Recoverable	Prep	3005A			629909	S4FJ	EET CLE	10/08/24 15:00
Total Recoverable	Analysis	6010D		1	630156	KLC	EET CLE	10/09/24 13:37
Total/NA	Prep	7470A			629914	S4FJ	EET CLE	10/08/24 14:00
Total/NA	Analysis	7470A		1	630093	TQ6W	EET CLE	10/09/24 10:09
Total/NA	Analysis	7196A		1	629882	C5SV	EET CLE	10/08/24 08:55
Total/NA	Prep	9012B			630213	C5SV	EET CLE	10/10/24 10:00
Total/NA	Analysis	9012B		1	630296	C5SV	EET CLE	10/10/24 13:24
Total/NA	Analysis	OIA-1677		1	561860	UJE2	ELLE	10/10/24 17:39

Lab Chronicle

Client: August Mack Environmental, Inc.
Job ID: 240-212574-1
Project/Site: MSC Canfield - Surface Water

Laboratory References:

EET CLE = Eurofins Cleveland, 180 S. Van Buren Avenue, Barberton, OH 44203, TEL (330)497-9396

ELLE = Eurofins Lancaster Laboratories Environment Testing, LLC, 2425 New Holland Pike, Lancaster, PA 17601, TEL (717)656-2300

Accreditation/Certification Summary

Client: August Mack Environmental, Inc.
Project/Site: MSC Canfield - Surface Water

Job ID: 240-212574-1

Laboratory: Eurofins Cleveland

All accreditations/certifications held by this laboratory are listed. Not all accreditations/certifications are applicable to this report.

Authority	Program	Identification Number	Expiration Date
California	State	2927	02-28-25
Georgia	State	4062	02-27-25
Illinois	NELAP	200004	08-31-25
Iowa	State	421	06-01-25
Kentucky (UST)	State	112225	02-27-25
Kentucky (WW)	State	KY98016	12-30-24
Minnesota	NELAP	039-999-348	12-31-24
New Hampshire	NELAP	225024	09-30-25
New Jersey	NELAP	OH001	07-03-25
New York	NELAP	10975	04-02-25
Ohio VAP	State	ORELAP 4062	02-27-25
Oregon	NELAP	4062	02-27-25
Pennsylvania	NELAP	68-00340	08-31-25
Texas	NELAP	T104704517-22-19	08-31-25
USDA	US Federal Programs	P330-18-00281	01-05-27
Virginia	NELAP	460175	09-14-25
West Virginia DEP	State	210	12-31-24

Laboratory: Eurofins Lancaster Laboratories Environment Testing, LLC

All accreditations/certifications held by this laboratory are listed. Not all accreditations/certifications are applicable to this report.

Authority	Program	Identification Number	Expiration Date
A2LA	Dept. of Defense ELAP	0001.01	11-30-24
A2LA	ISO/IEC 17025	0001.01	11-30-24
Alabama	State	43200	01-31-25
Alaska	State	PA00009	06-30-25
Alaska (UST)	State	17-027	02-28-25
Arizona	State	AZ0780	03-12-25
Arkansas DEQ	State	88-00660	08-09-25
California	State	2792	11-30-24
Colorado	State	PA00009	06-30-25
Connecticut	State	PH-0746	06-30-25
DE Haz. Subst. Cleanup Act (HSCA)	State	019-006 (PA cert)	01-31-25
Delaware (DW)	State	N/A	01-31-25
Florida	NELAP	E87997	06-30-25
Georgia (DW)	State	C048	01-31-25
Hawaii	State	N/A	01-31-25
Illinois	NELAP	200027	01-31-25
Iowa	State	361	03-01-26
Kansas	NELAP	E-10151	10-31-24
Kentucky (DW)	State	KY90088	12-31-24
Kentucky (UST)	State	0001.01	11-30-24
Kentucky (WW)	State	KY90088	12-31-24
Louisiana (All)	NELAP	02055	06-30-25
Maine	State	2019012	03-12-25
Maryland	State	100	06-30-25
Massachusetts	State	M-PA009	06-30-25
Michigan	State	9930	01-31-25
Minnesota	NELAP	042-999-487	12-31-24
Mississippi	State	023	01-31-25

Accreditation/Certification Summary

Client: August Mack Environmental, Inc.
Project/Site: MSC Canfield - Surface Water

Job ID: 240-212574-1

Laboratory: Eurofins Lancaster Laboratories Environment Testing, LLC (Continued)

All accreditations/certifications held by this laboratory are listed. Not all accreditations/certifications are applicable to this report.

Authority	Program	Identification Number	Expiration Date
Missouri	State	450	01-31-25
Montana (DW)	State	0098	01-01-25
Nebraska	State	NE-OS-32-17	01-31-25
New Hampshire	NELAP	2730	01-10-25
New Jersey	NELAP	PA011	06-30-25
New York	NELAP	10670	04-01-25
North Carolina (DW)	State	42705	07-31-25
North Carolina (WW/SW)	State	521	12-31-25
North Dakota	State	R-205	01-31-24 *
Oklahoma	NELAP	9804	08-31-24 *
Oregon	NELAP	PA200001	09-11-25
Pennsylvania	NELAP	36-00037	01-31-25
Quebec Ministry of Environment and Fight against Climate Change	PALA	507	09-16-29
Rhode Island	State	LAO00338	12-30-24
South Carolina	State	89002	01-31-25
Tennessee	State	02838	01-31-25
Texas	NELAP	T104704194-23-46	08-31-25
USDA	US Federal Programs	525-22-298-19481	10-25-25
Vermont	State	VT - 36037	10-28-24
Virginia	NELAP	460182	06-14-25
Washington	State	C457	04-11-25
West Virginia (DW)	State	9906 C	01-31-25
West Virginia DEP	State	055	07-31-25
Wyoming	State	8TMS-L	01-31-25
Wyoming (UST)	A2LA	0001.01	11-30-24

* Accreditation/Certification renewal pending - accreditation/certification considered valid.

Eurofins Cleveland
180 S. Van Buren Avenue
Barberton, OH 44203
Phone (330) 497-9396 Phone (330) 497-0772

Chain of Custody Record

eurofins | Environment Testing

Client Information	Sampler: Elisabeth Webber	Lab PM: Kalis, Nicole A	Carrier Tracking No(s):	COC No: 240-124901-43556.12
Client Contact: Kain Lager-Lowe	Phone:	E-Mail: Nicole.Kalis@et.eurofinsus.com	State of Origin: OH	Page: Page 12 of 12
Company: August Mack Environmental, Inc.	PWSID:			Job #:
Address: 7830 North Central Drive, Suite B	Due Date Requested:			
City: Lewis Center	TAT Requested (days): 3 day TAT			
State, Zip: OH, 43035	Compliance Project: Δ Yes Δ No			
Phone: 740-548-1515(Tel)	PO #:			
Email: klagerlowe@augustmack.com	WO #:			
Project Name: MSC Canfield - Soil/Surface Water	Project #: DO NOT DELETE - 24033889			
Site:	SSOW#:			

Analysis Requested

Preservation Codes:
N - None
A - HCL
B - NaOH
D - HNO3
Other:

Sample Identification	Sample Date	Sample Time	Sample Type (C=comp, G=grab)	Matrix (W=water, S=solid, O=waste/oil, BT=Tissue, A=Air)	Field Filtered Sample (Yes or No)	Perform MS/MSD (Yes or No)	8260D - VOCs	8270E - SVOCs	8082A - PCBs	9012B - Total Cyanid	1677 - Free Cyandie	6010D/7470A - Total RCRA 8, Cu & Zn	7196A - Total Hexavelnt Chromium	6010D/7470A - Dissolved RCRA 8, Cu & Zn Field Filtered	7196A - Dissolved Hexavalent Chromium Field Filtered	6010D, 7470A	7196A - Diss. Hexavalent Chromium - Field Filter	1677_Free - Cyanide, Free	Total Number of containers	Special Instructions/Note:
			Preservation Code:		X	X	A	N	N	B	B	D	N	D	N	D	N	B	X	
T750-C-SW	10-7-24	1305	G	Water	Y	Y	X	X	X	X	X	X	X	X	X	X			39	
TB-9-20241007	10-7-24		G	Water	N		X												1	
~~EB-1-20241007~~	~~10-7-24~~	~~1430~~	~~G~~	~~Water~~			~~X~~	~~X~~	~~X~~	~~X~~	~~X~~	~~X~~	~~X~~	~~X~~	~~X~~	~~X~~			~~13~~	6W 10-7-24
EB-1-20241007	10-7-24	1430	G	Water			X	X	X	X	X	X	X						11	
				Water																
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				Water																
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				Water																
				Water																

240-212574 Chain of Custody

Possible Hazard Identification
☐ Non-Hazard ☐ Flammable ☐ Skin Irritant ☐ Poison B ☐ Unknown ☐ Radiological

Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)
☐ Return To Client ☐ Disposal By Lab ☐ Archive For _____ Months

Deliverable Requested: I, II, III, IV, Other (specify)

Special Instructions/QC Requirements:

Empty Kit Relinquished by:	Date:	Time:	Method of Shipment:

Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company
Elisabeth Webber	10-7-24 1500	AME		10-7-24 1500	GLET
	10-7-24 1610	GLET	JESSICA RIGDON	10-7-24 1610	GEL NC
Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company

Custody Seals Intact: Δ Yes Δ No	Custody Seal No.:	Cooler Temperature(s) °C and Other Remarks:

Eurofins – Cleveland Sample Receipt Form/Narrative **Login # : 212374**
Barberton Facility

Client August Mack Site Name _____ Cooler unpacked by: JESSICA RIGDON

Cooler Received on 10-7-24 Opened on 10-7-24

FedEx: 1st Grd Exp UPS FAS Waypoint Client Drop Off (Eurofins Courier) Other _____

Receipt After-hours: Drop-off Date/Time _____ ~~Storage~~ Location _____

Eurofins Cooler # EC Foam Box Client Cooler Box Other _____

Packing material used: (Bubble Wrap) Foam Plastic Bag None Other _____

COOLANT: (Wet Ice) Blue Ice Dry Ice Water None

1. Cooler temperature upon receipt ☑ See Multiple Cooler Form
   IR GUN # 19 (CF +1.7 °C) Observed Cooler Temp. _____ °C Corrected Cooler Temp. _____ °C

2. Were tamper/custody seals on the outside of the cooler(s)? If Yes Quantity _____	Yes (No)	
-Were the seals on the outside of the cooler(s) signed & dated?	Yes No (NA)	
-Were tamper/custody seals on the bottle(s) or bottle kits (LLHg/MeHg)?	Yes (No)	
-Were tamper/custody seals intact and uncompromised?	Yes No (NA)	
3. Shippers' packing slip attached to the cooler(s)?	Yes (No)	
4. Did custody papers accompany the sample(s)?	(Yes) No	
5. Were the custody papers relinquished & signed in the appropriate place?	(Yes) No	
6. Was/were the person(s) who collected the samples clearly identified on the COC?	(Yes) No	
7. Did all bottles arrive in good condition (Unbroken)?	(Yes) No	
8. Could all bottle labels (ID/Date/Time) be reconciled with the COC?	(Yes) No	
9. For each sample, does the COC specify preservatives (Y/N), # of containers (Y/N), and sample type of grab/comp (Y/N)?		
10. Were correct bottle(s) used for the test(s) indicated?	(Yes) No	
11. Sufficient quantity received to perform indicated analyses?	(Yes) No	
12. Are these work share samples and all listed on the COC?	Yes (No)	
If yes, Questions 13-17 have been checked at the originating laboratory.		
13. Were all preserved sample(s) at the correct pH upon receipt?	(Yes) No NA	pH Strip Lot# HC447997
14. Were VOAs on the COC?	(Yes) No	
15. Were air bubbles >6 mm in any VOA vials? ● ⬅ Larger than this.	Yes (No) NA	
16. Was a VOA trip blank present in the cooler(s)? Trip Blank Lot # Covered	(Yes) No	
17. Was a LL Hg or Me Hg trip blank present? _____	Yes (No)	

Tests that are not checked for pH by Receiving:
VOAs
Oil and Grease
TOC

Contacted PM _____ Date _____ by _____ via Verbal Voice Mail Other

Concerning _____

18. CHAIN OF CUSTODY & SAMPLE DISCREPANCIES ☐ additional next page

Samples processed by:

_____
_____
_____
_____

19. SAMPLE CONDITION

Sample(s) _____ were received after the recommended holding time had expired.
Sample(s) _____ were received in a broken container.
Sample(s) _____ were received with bubble >6 mm in diameter. (Notify PM)

20. SAMPLE PRESERVATION

Sample(s) _____ were further preserved in the laboratory.
Time preserved: _____ Preservative(s) added/Lot number(s): _____

VOA Sample Preservation - Date/Time VOAs Frozen: _____

Login # : 212574

10/11/2024

Eurofins - Cleveland Sample Receipt Multiple Cooler Form

Cooler Description (Circle)	IR Gun # (Circle)	Observed Temp °C	Corrected Temp °C	Coolant (Circle)
(EC) Client Box Other	IR GUN #: 19	2.4	4.1	(Wet Ice) Blue Ice Dry Ice Water None
(EC) Client Box Other	IR GUN #: 19	4.0	5.7	(Wet Ice) Blue Ice Dry Ice Water None
EC Client Box Other	IR GUN #:			Wet Ice

10/7/2024

Login Container Summary Report

240-212574

10/11/2024

Temperature readings: _____

Client Sample ID	Lab ID	Container Type	Container pH	Container Temp	Preservation Added	Preservation Lot Number
T750-C-SW	240-212574-A-1	Voa Vial 40ml - Hydrochloric Acid				
T750-C-SW	240-212574-A-1 MS	Voa Vial 40ml - Hydrochloric Acid				
T750-C-SW	240-212574-A-1 MSD	Voa Vial 40ml - Hydrochloric Acid				
T750-C-SW	240-212574-B-1	Voa Vial 40ml - Hydrochloric Acid				
T750-C-SW	240-212574-B-1 MS	Voa Vial 40ml - Hydrochloric Acid				
T750-C-SW	240-212574-B-1 MSD	Voa Vial 40ml - Hydrochloric Acid				
T750-C-SW	240-212574-C-1	Voa Vial 40ml - Hydrochloric Acid				
T750-C-SW	240-212574-C-1 MS	Voa Vial 40ml - Hydrochloric Acid				
T750-C-SW	240-212574-C-1 MSD	Voa Vial 40ml - Hydrochloric Acid				
T750-C-SW	240-212574-D-1	Amber Glass 250ml - unpreserved				
T750-C-SW	240-212574-D-1 MS	Amber Glass 250ml - unpreserved				
T750-C-SW	240-212574-D-1 MSD	Amber Glass 250ml - unpreserved				
T750-C-SW	240-212574-E-1	Amber Glass 250ml - unpreserved				
T750-C-SW	240-212574-E-1 MS	Amber Glass 250ml - unpreserved				
T750-C-SW	240-212574-E-1 MSD	Amber Glass 250ml - unpreserved				
T750-C-SW	240-212574-F-1	Plastic 250ml - with Sodium Hydroxide	>12			
T750-C-SW	240-212574-F-1 MS	Plastic 250ml - with Sodium Hydroxide	>12			
T750-C-SW	240-212574-F-1 MSD	Plastic 250ml - with Sodium Hydroxide	>12			
T750-C-SW	240-212574-G-1	Plastic 250ml - with Sodium Hydroxide	>12			
T750-C-SW	240-212574-G-1 MS	Plastic 250ml - with Sodium Hydroxide	>12			
T750-C-SW	240-212574-G-1 MSD	Plastic 250ml - with Sodium Hydroxide	>12			
T750-C-SW	240-212574-H-1	Plastic 500ml - unpreserved				
T750-C-SW	240-212574-H-1 MS	Plastic 500ml - unpreserved				
T750-C-SW	240-212574-H-1 MSD	Plastic 500ml - unpreserved				
T750-C-SW	240-212574-I-1	Plastic 500 mL - unpreserved - dis				
T750-C-SW	240-212574-I-1 MS	Plastic 500 mL - unpreserved - dis				
T750-C-SW	240-212574-I-1 MSD	Plastic 500 mL - unpreserved - dis				
T750-C-SW	240-212574-J-1	Plastic 500ml - with Nitric Acid	<2			
T750-C-SW	240-212574-J-1 MS	Plastic 500ml - with Nitric Acid	<2			
T750-C-SW	240-212574-J-1 MSD	Plastic 500ml - with Nitric Acid	<2			
T750-C-SW	240-212574-K-1	Plastic 500ml - w/ Nitric - Dis.	<2			

Client Sample ID	Lab ID	Container Type	Container pH	Container Temp	Preservation Added	Preservation Lot Number
T750-C-SW	240-212574-K-1 MS	Plastic 500ml - w/ Nitric - Dis.	<2			
T750-C-SW	240-212574-K-1 MSD	Plastic 500ml - w/ Nitric - Dis.	<2			
T750-C-SW	240-212574-L-1	Amber Glass 1 liter - unpreserved				
T750-C-SW	240-212574-L-1 MS	Amber Glass 1 liter - unpreserved				
T750-C-SW	240-212574-L-1 MSD	Amber Glass 1 liter - unpreserved				
T750-C-SW	240-212574-M-1	Amber Glass 1 liter - unpreserved				
T750-C-SW	240-212574-M-1 MS	Amber Glass 1 liter - unpreserved				
T750-C-SW	240-212574-M-1 MSD	Amber Glass 1 liter - unpreserved				
TB-9-20241007	240-212574-A-2	Voa Vial 40ml - Hydrochloric Acid				
EB-1-20241007	240-212574-A-3	Voa Vial 40ml - Hydrochloric Acid				
EB-1-20241007	240-212574-B-3	Voa Vial 40ml - Hydrochloric Acid				
EB-1-20241007	240-212574-C-3	Voa Vial 40ml - Hydrochloric Acid				
EB-1-20241007	240-212574-D-3	Amber Glass 250ml - unpreserved				
EB-1-20241007	240-212574-E-3	Amber Glass 250ml - unpreserved				
EB-1-20241007	240-212574-F-3	Plastic 250ml - with Sodium Hydroxide	>12			
EB-1-20241007	240-212574-G-3	Plastic 250ml - with Sodium Hydroxide	>12			
EB-1-20241007	240-212574-H-3	Plastic 500ml - unpreserved				
EB-1-20241007	240-212574-I-3	Plastic 500ml - with Nitric Acid	<2			
EB-1-20241007	240-212574-J-3	Amber Glass 1 liter - unpreserved				
EB-1-20241007	240-212574-K-3	Amber Glass 1 liter - unpreserved				

Eurofins Cleveland
180 S. Van Buren Avenue
Barberton, OH 44203
Phone: 330-497-9396 Fax: 330-497-0772

Chain of Custody Record

eurofins | Environment Testing

Client Information (Sub Contract Lab)	Sampler:	Lab PM: Kalis, Nicole A	Carrier Tracking No(s):	COC No: 240-191797.1
Client Contact: Shipping/Receiving	Phone:	E-Mail: Nicole.Kalis@et.eurofinsus.com	State of Origin: Ohio	Page: Page 1 of 1
Company: Eurofins Lancaster Laboratories Environm		Accreditations Required (See note):		Job #: 240-212574-1
Address: 2425 New Holland Pike, ,	Due Date Requested: 10/11/2024			Preservation Codes:
City: Lancaster	TAT Requested (days):			
State, Zip: PA, 17601				
Phone: 717-656-2300(Tel)	PO #:			
Email:	WO #:			
Project Name: MSC Canfield - Surface Water	Project #: 24033889			
Site:	SSOW#:			Other:

Analysis Requested

Sample Identification - Client ID (Lab ID)	Sample Date	Sample Time	Sample Type (C=comp, G=grab)	Matrix (W=water, S=solid, O=waste/oil, BT=Tissue, A=Air)	Field Filtered Sample (Yes or No)	Perform MS/MSD (Yes or No)	1677_Free/ Cyanide, Free	Special Instructions/Note:
T750-C-SW (240-212574-1)	10/7/24	13:05 Eastern	G	Water			X	Use caution! Site contaminated with solvent waste
T750-C-SW (240-212574-1MS)	10/7/24	13:05 Eastern	G	Water			X	Use caution! Site contaminated with solvent waste
T750-C-SW (240-212574-1MSD)	10/7/24	13:05 Eastern	G	Water			X	Use caution! Site contaminated with solvent waste
EB-1-20241007 (240-212574-3)	10/7/24	14:30 Eastern	G	Water			X	Use caution! Site contaminated with solvent waste

Note: Since laboratory accreditations are subject to change, Eurofins Environment Testing North Central, LLC places the ownership of method, analyte & accreditation compliance upon our subcontract laboratories. This sample shipment is forwarded under chain-of-custody. If the laboratory does not currently maintain accreditation in the State of Origin listed above for analysis/tests/matrix being analyzed, the samples must be shipped back to the Eurofins Environment Testing North Central, LLC laboratory or other instructions will be provided. Any changes to accreditation status should be brought to Eurofins Environment Testing North Central, LLC attention immediately. If all requested accreditations are current to date, return the signed Chain of Custody attesting to said compliance to Eurofins Environment Testing North Central, LLC.

Possible Hazard Identification	*Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)*
Unconfirmed	☐ *Return To Client* ☐ *Disposal By Lab* ☐ *Archive For* ____ *Months*
Deliverable Requested: I, II, III, IV, Other (specify) Primary Deliverable Rank: 2	Special Instructions/QC Requirements:

Empty Kit Relinquished by:	Date:	Time:	Method of Shipment:

	Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company
1	[signature]		[illegible]			
2	Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company
3	Relinquished by:	Date/Time:	Company	Received by: [signature]	Date/Time: 10/9/24 10:05	Company ECLET

Custody Seals Intact: Δ Yes Δ No	Custody Seal No.:	Cooler Temperature(s) °C and Other Remarks: 4.8/4.5

Ver: 05/06/2024

Login Sample Receipt Checklist

Client: August Mack Environmental, Inc.

Job Number: 240-212574-1

Login Number: 212574
List Number: 2
Creator: McCaskey, Jonathan

List Source: Eurofins Lancaster Laboratories Environment Testing, LLC
List Creation: 10/09/24 12:12 PM

Question	Answer	Comment
The cooler's custody seal is intact.	N/A	
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	True	
Cooler Temperature acceptable,where thermal pres is required(</=6C, not frozen).	True	
Cooler Temperature is recorded.	True	
WV:Container Temp acceptable,where thermal pres is required (</=6C, not frozen).	N/A	
WV: Container Temperature is recorded.	N/A	
COC is present.	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information.	True	
There are no discrepancies between the containers received and the COC.	True	
Sample containers have legible labels.	True	
Containers are not broken or leaking.	True	
Sample collection date/times are provided.	True	
Appropriate sample containers are used.	True	
Sample bottles are completely filled.	True	
There is sufficient vol. for all requested analyses.	True	
Is the Field Sampler's name present on COC?	False	Received project as a subcontract.
Sample custody seals are intact.	N/A	
VOA sample vials do not have headspace >6mm in diameter (none, if from WV)?	N/A	

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ANALYTICAL REPORT

PREPARED FOR

Attn: Kain Lager-Lowe
August Mack Environmental, Inc.
7830 North Central Drive, Suite B
Lewis Center, Ohio 43035

Generated 10/16/2024 8:05:36 PM

JOB DESCRIPTION

MSC Canfield

JOB NUMBER

240-212801-1

Eurofins Cleveland
180 S. Van Buren Avenue
Barberton OH 44203

See page two for job notes and contact information.

my EOL

Job Notes

This report may not be reproduced except in full, and with written approval from the laboratory. The results relate only to the samples tested. For questions please contact the Project Manager at the e-mail address or telephone number listed on this page.

The test results in this report relate only to the samples as received by the laboratory and will meet all requirements of the methodology, with any exceptions noted. This report shall not be reproduced except in full, without the express written approval of the laboratory. All questions should be directed to the Eurofins Environment Testing North Central, LLC Project Manager.

Authorization



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10/16/2024 8:05:36 PM

Authorized for release by
Nicole Kalis, Project Manager I
Nicole.Kalis@et.eurofinsus.com
(330)497-9396

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Qualifiers

GC/MS Semi VOA

Qualifier	Qualifier Description
F1	MS and/or MSD recovery exceeds control limits.
F2	MS/MSD RPD exceeds control limits
J	Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.

Metals

Qualifier	Qualifier Description
4	MS, MSD: The analyte present in the original sample is greater than 4 times the matrix spike concentration; therefore, control limits are not applicable.
B	Compound was found in the blank and sample.
F1	MS and/or MSD recovery exceeds control limits.
F2	MS/MSD RPD exceeds control limits
J	Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.

General Chemistry

Qualifier	Qualifier Description
4	MS, MSD: The analyte present in the original sample is greater than 4 times the matrix spike concentration; therefore, control limits are not applicable.
F2	MS/MSD RPD exceeds control limits
H	Sample was prepped or analyzed beyond the specified holding time. This does not meet regulatory requirements.
J	Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.

Glossary

Abbreviation	These commonly used abbreviations may or may not be present in this report.
☼	Listed under the "D" column to designate that the result is reported on a dry weight basis
%R	Percent Recovery
CFL	Contains Free Liquid
CFU	Colony Forming Unit
CNF	Contains No Free Liquid
DER	Duplicate Error Ratio (normalized absolute difference)
Dil Fac	Dilution Factor
DL	Detection Limit (DoD/DOE)
DL, RA, RE, IN	Indicates a Dilution, Re-analysis, Re-extraction, or additional Initial metals/anion analysis of the sample
DLC	Decision Level Concentration (Radiochemistry)
EDL	Estimated Detection Limit (Dioxin)
LOD	Limit of Detection (DoD/DOE)
LOQ	Limit of Quantitation (DoD/DOE)
MCL	EPA recommended "Maximum Contaminant Level"
MDA	Minimum Detectable Activity (Radiochemistry)
MDC	Minimum Detectable Concentration (Radiochemistry)
MDL	Method Detection Limit
ML	Minimum Level (Dioxin)
MPN	Most Probable Number
MQL	Method Quantitation Limit
NC	Not Calculated
ND	Not Detected at the reporting limit (or MDL or EDL if shown)
NEG	Negative / Absent
POS	Positive / Present
PQL	Practical Quantitation Limit
PRES	Presumptive
QC	Quality Control
RER	Relative Error Ratio (Radiochemistry)
RL	Reporting Limit or Requested Limit (Radiochemistry)
RPD	Relative Percent Difference, a measure of the relative difference between two points
TEF	Toxicity Equivalent Factor (Dioxin)

Glossary (Continued)

Abbreviation	These commonly used abbreviations may or may not be present in this report.
TEQ	Toxicity Equivalent Quotient (Dioxin)
TNTC	Too Numerous To Count

Job ID: 240-212801-1 Eurofins Cleveland

Job Narrative
240-212801-1

Analytical test results meet all requirements of the associated regulatory program listed on the Accreditation/Certification Summary Page unless otherwise noted under the individual analysis. Data qualifiers and/or narrative comments are included to explain any exceptions, if applicable.

- Matrix QC may not be reported if insufficient sample is provided or site-specific QC samples were not submitted. In these situations, to demonstrate precision and accuracy at a batch level, a LCS/LCSD may be performed, unless otherwise specified in the method.
- Surrogate and/or isotope dilution analyte recoveries (if applicable) which are outside of the QC window are confirmed unless attributed to a dilution or otherwise noted in the narrative.

Regulated compliance samples (e.g. SDWA, NPDES) must comply with the associated agency requirements/permits.

Receipt
The samples were received on 10/10/2024 3:15 PM. Unless otherwise noted below, the samples arrived in good condition, and, where required, properly preserved and on ice. The temperatures of the 7 coolers at receipt time were 5.7°C, 6.1°C, 7.2°C, 7.8°C, 10.1°C, 10.9°C and 23.5°C.

Receipt Exceptions
The following analyses were canceled by the client on 10/11/2024: 8260D VOCs, 8082A PCBs.

GC/MS Semi VOA
Method 8270E: Insufficient sample volume was available to perform a matrix spike/matrix spike duplicate (MS/MSD) associated with preparation batch 240-630425.

Method 8270E: The spiking solution for SB-30-0 (240-212801-41[MSD]) was omitted during the extraction process.

Method 8270E: The following sample was diluted due to the nature of the sample matrix: SB-27-0.5 (240-212801-15). Elevated reporting limits (RLs) are provided.

No additional analytical or quality issues were noted, other than those described above or in the Definitions/ Glossary page.

Metals
No additional analytical or quality issues were noted, other than those described above or in the Definitions/ Glossary page.

General Chemistry
Method 7196A - Dissolved: The following sample(s) was received with less than 2 days remaining on the holding time or less than one shift (8 hours) remaining on a test with a holding time of 48 hours or less. As such, the laboratory had insufficient time remaining to perform the analysis within holding time: EB-2-20241010 (240-212801-55) and RB-2-20241010 (240-212801-56).

Method 9012B: The following sample was diluted due to the nature of the sample matrix: SB-36-2.0 (240-212801-47). Elevated reporting limits (RLs) are provided.

Method 9012B: The matrix spike / matrix spike duplicate (MS/MSD) recoveries for preparation batch 240-630939 and analytical batch 240-631084 were outside control limits. Sample matrix interference is suspected because the associated laboratory control sample (LCS) recovery was within acceptance limits.

No additional analytical or quality issues were noted, other than those described above or in the Definitions/ Glossary page.

Method Summary

Client: August Mack Environmental, Inc.
Project/Site: MSC Canfield

Job ID: 240-212801-1

Method	Method Description	Protocol	Laboratory
8270E	Semivolatile Organic Compounds (GC/MS)	SW846	EET CLE
6010D	Metals (ICP)	SW846	EET CLE
7470A	Mercury (CVAA)	SW846	EET CLE
7471B	Mercury (CVAA)	SW846	EET CLE
7196A	Chromium, Hexavalent	SW846	EET CLE
9012B	Cyanide, Total andor Amenable	SW846	EET CLE
Moisture	Percent Moisture	EPA	EET CLE
3005A	Preparation, Total Recoverable or Dissolved Metals	SW846	EET CLE
3050B	Preparation, Metals	SW846	EET CLE
3510C LVI	Liquid-Liquid Extraction (Separatory Funnel) LVI	SW846	EET CLE
3546	Microwave Extraction	SW846	EET CLE
7470A	Preparation, Mercury	SW846	EET CLE
7471B	Preparation, Mercury	SW846	EET CLE
9012B	Cyanide, Total and/or Amenable, Distillation	SW846	EET CLE

Protocol References:

EPA = US Environmental Protection Agency

SW846 = "Test Methods For Evaluating Solid Waste, Physical/Chemical Methods", Third Edition, November 1986 And Its Updates.

Laboratory References:

EET CLE = Eurofins Cleveland, 180 S. Van Buren Avenue, Barberton, OH 44203, TEL (330)497-9396

Sample Summary

Client: August Mack Environmental, Inc.
Project/Site: MSC Canfield

Job ID: 240-212801-1

Lab Sample ID	Client Sample ID	Matrix	Collected	Received
240-212801-1	SB-23-0	Solid	10/08/24 09:45	10/10/24 15:15
240-212801-2	SB-23-0.5	Solid	10/08/24 09:55	10/10/24 15:15
240-212801-3	SB-23-2.0	Solid	10/08/24 10:10	10/10/24 15:15
240-212801-4	DUP-9-2024 1008	Solid	10/08/24 00:00	10/10/24 15:15
240-212801-5	SB-24-0	Solid	10/08/24 10:25	10/10/24 15:15
240-212801-6	SB-24-0.5	Solid	10/08/24 10:35	10/10/24 15:15
240-212801-7	SB-24-2.0	Solid	10/08/24 10:45	10/10/24 15:15
240-212801-8	SB-25-0	Solid	10/08/24 11:35	10/10/24 15:15
240-212801-9	SB-25-0.5	Solid	10/08/24 11:45	10/10/24 15:15
240-212801-10	SB-25-2.0	Solid	10/08/24 12:00	10/10/24 15:15
240-212801-11	SB-26-2.0	Solid	10/08/24 12:30	10/10/24 15:15
240-212801-12	SB-26-0	Solid	10/08/24 12:05	10/10/24 15:15
240-212801-13	SB-26-0.5	Solid	10/08/24 12:15	10/10/24 15:15
240-212801-14	SB-27-0	Solid	10/08/24 12:50	10/10/24 15:15
240-212801-15	SB-27-0.5	Solid	10/08/24 13:05	10/10/24 15:15
240-212801-16	SB-27-2.0	Solid	10/08/24 13:15	10/10/24 15:15
240-212801-17	SB-28-0	Solid	10/08/24 14:05	10/10/24 15:15
240-212801-18	DUP-10-20241008	Solid	10/08/24 00:00	10/10/24 15:15
240-212801-19	SB-28-0.5	Solid	10/08/24 14:15	10/10/24 15:15
240-212801-20	SB-28-2.0	Solid	10/08/24 14:30	10/10/24 15:15
240-212801-21	SB-29-0	Solid	10/08/24 14:55	10/10/24 15:15
240-212801-22	SB-29-0.5	Solid	10/08/24 15:10	10/10/24 15:15
240-212801-23	SB-29-2.0	Solid	10/08/24 15:20	10/10/24 15:15
240-212801-24	SB-34-0	Solid	10/08/24 15:45	10/10/24 15:15
240-212801-25	SB-34-0.5	Solid	10/08/24 15:50	10/10/24 15:15
240-212801-26	SB-34-2.0	Solid	10/08/24 16:00	10/10/24 15:15
240-212801-30	SB-33-0	Solid	10/09/24 09:10	10/10/24 15:15
240-212801-31	SB-33-0.5	Solid	10/09/24 09:20	10/10/24 15:15
240-212801-32	SB-33-2.0	Solid	10/09/24 09:30	10/10/24 15:15
240-212801-33	DUP-11-20241009	Solid	10/09/24 00:00	10/10/24 15:15
240-212801-34	SB-32-0	Solid	10/09/24 09:50	10/10/24 15:15
240-212801-35	SB-32-0.5	Solid	10/09/24 10:00	10/10/24 15:15
240-212801-36	SB-32-2.0	Solid	10/09/24 10:15	10/10/24 15:15
240-212801-37	SB-31-0	Solid	10/09/24 10:55	10/10/24 15:15
240-212801-38	DUP-12-20241009	Solid	10/09/24 00:00	10/10/24 15:15
240-212801-39	SB-31-0.5	Solid	10/09/24 11:05	10/10/24 15:15
240-212801-40	SB-31-2.0	Solid	10/09/24 11:15	10/10/24 15:15
240-212801-41	SB-30-0	Solid	10/09/24 12:30	10/10/24 15:15
240-212801-42	SB-30-0.5	Solid	10/09/24 12:45	10/10/24 15:15
240-212801-43	DUP-13-20241009	Solid	10/09/24 00:00	10/10/24 15:15
240-212801-44	SB-30-2.0	Solid	10/09/24 13:05	10/10/24 15:15
240-212801-45	SB-36-0	Solid	10/09/24 13:45	10/10/24 15:15
240-212801-46	SB-36-0.5	Solid	10/09/24 13:55	10/10/24 15:15
240-212801-47	SB-36-2.0	Solid	10/09/24 14:05	10/10/24 15:15
240-212801-48	SB-35-0	Solid	10/09/24 14:30	10/10/24 15:15
240-212801-49	SB-35-0.5	Solid	10/09/24 14:35	10/10/24 15:15
240-212801-50	SB-35-2.0	Solid	10/09/24 14:45	10/10/24 15:15
240-212801-55	EB-2-20241010	Water	10/10/24 12:25	10/10/24 15:15
240-212801-56	RB-2-20241010	Water	10/10/24 11:48	10/10/24 15:15

Detection Summary

Client: August Mack Environmental, Inc.
Project/Site: MSC Canfield

Job ID: 240-212801-1

Client Sample ID: SB-23-0

Lab Sample ID: 240-212801-1

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Anthracene	36	J	68	20	ug/Kg	1	☼	8270E	Total/NA
Benzo[a]anthracene	260		68	26	ug/Kg	1	☼	8270E	Total/NA
Benzo[a]pyrene	370		68	24	ug/Kg	1	☼	8270E	Total/NA
Benzo[b]fluoranthene	760		68	20	ug/Kg	1	☼	8270E	Total/NA
Benzo[g,h,i]perylene	430		68	46	ug/Kg	1	☼	8270E	Total/NA
Benzo[k]fluoranthene	260		68	17	ug/Kg	1	☼	8270E	Total/NA
Chrysene	530		68	24	ug/Kg	1	☼	8270E	Total/NA
Dibenz(a,h)anthracene	68		68	26	ug/Kg	1	☼	8270E	Total/NA
Fluoranthene	880		68	24	ug/Kg	1	☼	8270E	Total/NA
Indeno[1,2,3-cd]pyrene	310		68	20	ug/Kg	1	☼	8270E	Total/NA
Naphthalene	53	J	68	22	ug/Kg	1	☼	8270E	Total/NA
Phenanthrene	280		68	22	ug/Kg	1	☼	8270E	Total/NA
Pyrene	670		68	27	ug/Kg	1	☼	8270E	Total/NA
Arsenic	11		2.2	0.47	mg/Kg	1	☼	6010D	Total/NA
Barium	84	B	30	0.19	mg/Kg	1	☼	6010D	Total/NA
Cadmium	0.26	J	0.75	0.072	mg/Kg	1	☼	6010D	Total/NA
Chromium	16		1.5	0.51	mg/Kg	1	☼	6010D	Total/NA
Copper	2.4	J	3.7	1.0	mg/Kg	1	☼	6010D	Total/NA
Lead	22		1.5	0.42	mg/Kg	1	☼	6010D	Total/NA
Selenium	1.2	J	3.0	0.70	mg/Kg	1	☼	6010D	Total/NA
Zinc	9400		75	54	mg/Kg	10	☼	6010D	Total/NA
Mercury	0.065	J B	0.17	0.031	mg/Kg	1	☼	7471B	Total/NA
Cyanide, Total	600		48	38	mg/Kg	50	☼	9012B	Total/NA

Client Sample ID: SB-23-0.5

Lab Sample ID: 240-212801-2

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Anthracene	46	J	57	17	ug/Kg	1	☼	8270E	Total/NA
Benzo[a]anthracene	280		57	21	ug/Kg	1	☼	8270E	Total/NA
Benzo[a]pyrene	430		57	20	ug/Kg	1	☼	8270E	Total/NA
Benzo[b]fluoranthene	800		57	17	ug/Kg	1	☼	8270E	Total/NA
Benzo[g,h,i]perylene	510		57	38	ug/Kg	1	☼	8270E	Total/NA
Benzo[k]fluoranthene	260		57	14	ug/Kg	1	☼	8270E	Total/NA
Chrysene	540		57	20	ug/Kg	1	☼	8270E	Total/NA
Dibenz(a,h)anthracene	86		57	21	ug/Kg	1	☼	8270E	Total/NA
Fluoranthene	980		57	20	ug/Kg	1	☼	8270E	Total/NA
Indeno[1,2,3-cd]pyrene	370		57	17	ug/Kg	1	☼	8270E	Total/NA
Naphthalene	46	J	57	18	ug/Kg	1	☼	8270E	Total/NA
Phenanthrene	320		57	18	ug/Kg	1	☼	8270E	Total/NA
Pyrene	750		57	23	ug/Kg	1	☼	8270E	Total/NA
Arsenic	12		1.6	0.35	mg/Kg	1	☼	6010D	Total/NA
Barium	40	B	22	0.14	mg/Kg	1	☼	6010D	Total/NA
Cadmium	0.19	J	0.55	0.053	mg/Kg	1	☼	6010D	Total/NA
Chromium	13		1.1	0.38	mg/Kg	1	☼	6010D	Total/NA
Copper	5.3		2.7	0.77	mg/Kg	1	☼	6010D	Total/NA
Lead	20		1.1	0.31	mg/Kg	1	☼	6010D	Total/NA
Selenium	0.67	J	2.2	0.51	mg/Kg	1	☼	6010D	Total/NA
Zinc	2100		5.5	4.0	mg/Kg	1	☼	6010D	Total/NA
Mercury	0.058	J B	0.15	0.027	mg/Kg	1	☼	7471B	Total/NA
Cyanide, Total	240		39	31	mg/Kg	50	☼	9012B	Total/NA

This Detection Summary does not include radiochemical test results.

Detection Summary

Client: August Mack Environmental, Inc.
Project/Site: MSC Canfield

Job ID: 240-212801-1

Client Sample ID: SB-23-2.0 — Lab Sample ID: 240-212801-3

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Benzo[b]fluoranthene	28	J	49	15	ug/Kg	1	☼	8270E	Total/NA
Chrysene	19	J	49	17	ug/Kg	1	☼	8270E	Total/NA
Fluoranthene	23	J	49	17	ug/Kg	1	☼	8270E	Total/NA
Pyrene	20	J	49	20	ug/Kg	1	☼	8270E	Total/NA
Arsenic	15		1.4	0.30	mg/Kg	1	☼	6010D	Total/NA
Barium	48	B	19	0.12	mg/Kg	1	☼	6010D	Total/NA
Cadmium	0.051	J	0.47	0.045	mg/Kg	1	☼	6010D	Total/NA
Chromium	17		0.93	0.32	mg/Kg	1	☼	6010D	Total/NA
Copper	17		2.3	0.65	mg/Kg	1	☼	6010D	Total/NA
Lead	13		0.93	0.26	mg/Kg	1	☼	6010D	Total/NA
Zinc	260		4.7	3.4	mg/Kg	1	☼	6010D	Total/NA
Mercury	0.036	J B	0.12	0.021	mg/Kg	1	☼	7471B	Total/NA
Cyanide, Total	87		18	15	mg/Kg	25	☼	9012B	Total/NA

Client Sample ID: DUP-9-2024 1008 — Lab Sample ID: 240-212801-4

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Anthracene	40	J	62	19	ug/Kg	1	☼	8270E	Total/NA
Benzo[a]anthracene	340		62	23	ug/Kg	1	☼	8270E	Total/NA
Benzo[a]pyrene	500		62	22	ug/Kg	1	☼	8270E	Total/NA
Benzo[b]fluoranthene	1100		62	19	ug/Kg	1	☼	8270E	Total/NA
Benzo[g,h,i]perylene	630		62	42	ug/Kg	1	☼	8270E	Total/NA
Benzo[k]fluoranthene	360		62	16	ug/Kg	1	☼	8270E	Total/NA
Chrysene	770		62	22	ug/Kg	1	☼	8270E	Total/NA
Dibenz(a,h)anthracene	110		62	23	ug/Kg	1	☼	8270E	Total/NA
Fluoranthene	1200		62	22	ug/Kg	1	☼	8270E	Total/NA
Indeno[1,2,3-cd]pyrene	450		62	19	ug/Kg	1	☼	8270E	Total/NA
Naphthalene	79		62	20	ug/Kg	1	☼	8270E	Total/NA
Phenanthrene	330		62	20	ug/Kg	1	☼	8270E	Total/NA
Pyrene	920		62	25	ug/Kg	1	☼	8270E	Total/NA
Arsenic	10		1.6	0.34	mg/Kg	1	☼	6010D	Total/NA
Barium	67	B	22	0.14	mg/Kg	1	☼	6010D	Total/NA
Cadmium	0.34	J	0.54	0.052	mg/Kg	1	☼	6010D	Total/NA
Chromium	22		1.1	0.37	mg/Kg	1	☼	6010D	Total/NA
Copper	3.0		2.7	0.76	mg/Kg	1	☼	6010D	Total/NA
Lead	24		1.1	0.31	mg/Kg	1	☼	6010D	Total/NA
Zinc	5700		54	39	mg/Kg	10	☼	6010D	Total/NA
Mercury	0.060	J B	0.16	0.029	mg/Kg	1	☼	7471B	Total/NA
Cyanide, Total	820		36	29	mg/Kg	50	☼	9012B	Total/NA

Client Sample ID: SB-24-0 — Lab Sample ID: 240-212801-5

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Acenaphthylene	25	J	65	24	ug/Kg	1	☼	8270E	Total/NA
Anthracene	51	J	65	19	ug/Kg	1	☼	8270E	Total/NA
Benzo[a]anthracene	410		65	24	ug/Kg	1	☼	8270E	Total/NA
Benzo[a]pyrene	590		65	23	ug/Kg	1	☼	8270E	Total/NA
Benzo[b]fluoranthene	1300		65	19	ug/Kg	1	☼	8270E	Total/NA
Benzo[g,h,i]perylene	750		65	44	ug/Kg	1	☼	8270E	Total/NA
Benzo[k]fluoranthene	490		65	16	ug/Kg	1	☼	8270E	Total/NA
Chrysene	940		65	23	ug/Kg	1	☼	8270E	Total/NA
Dibenz(a,h)anthracene	140		65	24	ug/Kg	1	☼	8270E	Total/NA

This Detection Summary does not include radiochemical test results.

Client Sample ID: SB-24-0 (Continued)

Lab Sample ID: 240-212801-5

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Fluoranthene	1300		65	23	ug/Kg	1	☼	8270E	Total/NA
Indeno[1,2,3-cd]pyrene	560		65	19	ug/Kg	1	☼	8270E	Total/NA
Naphthalene	84		65	21	ug/Kg	1	☼	8270E	Total/NA
Phenanthrene	360		65	21	ug/Kg	1	☼	8270E	Total/NA
Pyrene	1000		65	26	ug/Kg	1	☼	8270E	Total/NA
Arsenic	7.8		2.1	0.44	mg/Kg	1	☼	6010D	Total/NA
Barium	82	B	28	0.18	mg/Kg	1	☼	6010D	Total/NA
Cadmium	0.31	J	0.70	0.067	mg/Kg	1	☼	6010D	Total/NA
Chromium	16		1.4	0.48	mg/Kg	1	☼	6010D	Total/NA
Lead	22		1.4	0.39	mg/Kg	1	☼	6010D	Total/NA
Zinc	24000		350	250	mg/Kg	50	☼	6010D	Total/NA
Mercury	0.043	J B	0.16	0.029	mg/Kg	1	☼	7471B	Total/NA
Cyanide, Total	940		50	40	mg/Kg	50	☼	9012B	Total/NA

Client Sample ID: SB-24-0.5

Lab Sample ID: 240-212801-6

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Anthracene	27	J	57	17	ug/Kg	1	☼	8270E	Total/NA
Benzo[a]anthracene	110		57	21	ug/Kg	1	☼	8270E	Total/NA
Benzo[a]pyrene	130		57	20	ug/Kg	1	☼	8270E	Total/NA
Benzo[b]fluoranthene	250		57	17	ug/Kg	1	☼	8270E	Total/NA
Benzo[g,h,i]perylene	120		57	38	ug/Kg	1	☼	8270E	Total/NA
Benzo[k]fluoranthene	76		57	14	ug/Kg	1	☼	8270E	Total/NA
Chrysene	160		57	20	ug/Kg	1	☼	8270E	Total/NA
Dibenz(a,h)anthracene	27	J	57	21	ug/Kg	1	☼	8270E	Total/NA
Fluoranthene	330		57	20	ug/Kg	1	☼	8270E	Total/NA
Indeno[1,2,3-cd]pyrene	100		57	17	ug/Kg	1	☼	8270E	Total/NA
Naphthalene	19	J	57	18	ug/Kg	1	☼	8270E	Total/NA
Phenanthrene	130		57	18	ug/Kg	1	☼	8270E	Total/NA
Pyrene	280		57	23	ug/Kg	1	☼	8270E	Total/NA
Arsenic	10		1.9	0.40	mg/Kg	1	☼	6010D	Total/NA
Barium	78	B	26	0.16	mg/Kg	1	☼	6010D	Total/NA
Cadmium	0.52	J	0.64	0.061	mg/Kg	1	☼	6010D	Total/NA
Chromium	25		1.3	0.44	mg/Kg	1	☼	6010D	Total/NA
Copper	31		3.2	0.90	mg/Kg	1	☼	6010D	Total/NA
Lead	36		1.3	0.36	mg/Kg	1	☼	6010D	Total/NA
Selenium	1.2	J	2.6	0.60	mg/Kg	1	☼	6010D	Total/NA
Zinc	620		6.4	4.6	mg/Kg	1	☼	6010D	Total/NA
Mercury	0.069	J B	0.16	0.028	mg/Kg	1	☼	7471B	Total/NA
Cyanide, Total	24		18	14	mg/Kg	25	☼	9012B	Total/NA

Client Sample ID: SB-24-2.0

Lab Sample ID: 240-212801-7

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Benzo[b]fluoranthene	26	J	50	15	ug/Kg	1	☼	8270E	Total/NA
Chrysene	23	J	50	18	ug/Kg	1	☼	8270E	Total/NA
Fluoranthene	40	J	50	18	ug/Kg	1	☼	8270E	Total/NA
Phenanthrene	24	J	50	16	ug/Kg	1	☼	8270E	Total/NA
Pyrene	34	J	50	20	ug/Kg	1	☼	8270E	Total/NA
Arsenic	7.6		1.7	0.36	mg/Kg	1	☼	6010D	Total/NA
Barium	92	B	23	0.14	mg/Kg	1	☼	6010D	Total/NA
Cadmium	0.12	J	0.58	0.055	mg/Kg	1	☼	6010D	Total/NA

This Detection Summary does not include radiochemical test results.

Client Sample ID: SB-24-2.0 (Continued)

Lab Sample ID: 240-212801-7

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Chromium	12		1.2	0.39	mg/Kg	1	☼	6010D	Total/NA
Copper	10		2.9	0.81	mg/Kg	1	☼	6010D	Total/NA
Lead	10		1.2	0.32	mg/Kg	1	☼	6010D	Total/NA
Zinc	150		5.8	4.2	mg/Kg	1	☼	6010D	Total/NA
Mercury	0.053	J B	0.13	0.023	mg/Kg	1	☼	7471B	Total/NA
Cyanide, Total	30		14	11	mg/Kg	25	☼	9012B	Total/NA

Client Sample ID: SB-25-0

Lab Sample ID: 240-212801-8

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Benzo[a]anthracene	240		120	44	ug/Kg	1	☼	8270E	Total/NA
Benzo[a]pyrene	350		120	41	ug/Kg	1	☼	8270E	Total/NA
Benzo[b]fluoranthene	690		120	35	ug/Kg	1	☼	8270E	Total/NA
Benzo[g,h,i]perylene	380		120	79	ug/Kg	1	☼	8270E	Total/NA
Benzo[k]fluoranthene	230		120	29	ug/Kg	1	☼	8270E	Total/NA
Chrysene	490		120	41	ug/Kg	1	☼	8270E	Total/NA
Dibenz(a,h)anthracene	69	J	120	44	ug/Kg	1	☼	8270E	Total/NA
Fluoranthene	840		120	41	ug/Kg	1	☼	8270E	Total/NA
Indeno[1,2,3-cd]pyrene	270		120	35	ug/Kg	1	☼	8270E	Total/NA
Phenanthrene	260		120	38	ug/Kg	1	☼	8270E	Total/NA
Pyrene	660		120	47	ug/Kg	1	☼	8270E	Total/NA
Arsenic	17		3.4	0.71	mg/Kg	1	☼	6010D	Total/NA
Barium	130	B	45	0.28	mg/Kg	1	☼	6010D	Total/NA
Cadmium	0.52	J	1.1	0.11	mg/Kg	1	☼	6010D	Total/NA
Chromium	29		2.3	0.78	mg/Kg	1	☼	6010D	Total/NA
Copper	2.7	J	5.6	1.6	mg/Kg	1	☼	6010D	Total/NA
Lead	28		2.3	0.64	mg/Kg	1	☼	6010D	Total/NA
Zinc	16000		110	82	mg/Kg	10	☼	6010D	Total/NA
Mercury	0.079	J B	0.32	0.058	mg/Kg	1	☼	7471B	Total/NA
Cyanide, Total	860		71	56	mg/Kg	50	☼	9012B	Total/NA

Client Sample ID: SB-25-0.5

Lab Sample ID: 240-212801-9

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Benzo[a]anthracene	73	J	78	29	ug/Kg	1	☼	8270E	Total/NA
Benzo[a]pyrene	100		78	27	ug/Kg	1	☼	8270E	Total/NA
Benzo[b]fluoranthene	200		78	23	ug/Kg	1	☼	8270E	Total/NA
Benzo[g,h,i]perylene	120		78	53	ug/Kg	1	☼	8270E	Total/NA
Benzo[k]fluoranthene	79		78	20	ug/Kg	1	☼	8270E	Total/NA
Chrysene	160		78	27	ug/Kg	1	☼	8270E	Total/NA
Fluoranthene	240		78	27	ug/Kg	1	☼	8270E	Total/NA
Indeno[1,2,3-cd]pyrene	79		78	23	ug/Kg	1	☼	8270E	Total/NA
Phenanthrene	82		78	25	ug/Kg	1	☼	8270E	Total/NA
Pyrene	220		78	31	ug/Kg	1	☼	8270E	Total/NA
Arsenic	9.8		2.5	0.52	mg/Kg	1	☼	6010D	Total/NA
Barium	100	B	33	0.21	mg/Kg	1	☼	6010D	Total/NA
Cadmium	0.50	J	0.83	0.079	mg/Kg	1	☼	6010D	Total/NA
Chromium	25		1.7	0.57	mg/Kg	1	☼	6010D	Total/NA
Copper	25		4.1	1.2	mg/Kg	1	☼	6010D	Total/NA
Lead	40		1.7	0.47	mg/Kg	1	☼	6010D	Total/NA
Selenium	0.91	J	3.3	0.78	mg/Kg	1	☼	6010D	Total/NA
Zinc	380		8.3	6.0	mg/Kg	1	☼	6010D	Total/NA

This Detection Summary does not include radiochemical test results.

Client Sample ID: SB-25-0.5 (Continued)

Lab Sample ID: 240-212801-9

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Mercury	0.10	J B	0.18	0.033	mg/Kg	1	☼	7471B	Total/NA
Cyanide, Total	74		28	22	mg/Kg	25	☼	9012B	Total/NA

Client Sample ID: SB-25-2.0

Lab Sample ID: 240-212801-10

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Arsenic	4.1		1.4	0.30	mg/Kg	1	☼	6010D	Total/NA
Barium	81	B	19	0.12	mg/Kg	1	☼	6010D	Total/NA
Cadmium	0.048	J	0.48	0.046	mg/Kg	1	☼	6010D	Total/NA
Chromium	11		0.95	0.33	mg/Kg	1	☼	6010D	Total/NA
Copper	6.0		2.4	0.67	mg/Kg	1	☼	6010D	Total/NA
Lead	9.4		0.95	0.27	mg/Kg	1	☼	6010D	Total/NA
Zinc	81		4.8	3.4	mg/Kg	1	☼	6010D	Total/NA
Mercury	0.038	J B	0.13	0.023	mg/Kg	1	☼	7471B	Total/NA
Cyanide, Total	22		7.2	5.8	mg/Kg	10	☼	9012B	Total/NA

Client Sample ID: SB-26-2.0

Lab Sample ID: 240-212801-11

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Arsenic	7.8		1.6	0.34	mg/Kg	1	☼	6010D	Total/NA
Barium	74	B	21	0.14	mg/Kg	1	☼	6010D	Total/NA
Cadmium	0.10	J	0.54	0.052	mg/Kg	1	☼	6010D	Total/NA
Chromium	10		1.1	0.37	mg/Kg	1	☼	6010D	Total/NA
Copper	8.3		2.7	0.75	mg/Kg	1	☼	6010D	Total/NA
Lead	9.9		1.1	0.30	mg/Kg	1	☼	6010D	Total/NA
Zinc	60		5.4	3.9	mg/Kg	1	☼	6010D	Total/NA
Mercury	0.046	J B	0.15	0.026	mg/Kg	1	☼	7471B	Total/NA
Cyanide, Total	9.9		6.8	5.4	mg/Kg	10	☼	9012B	Total/NA

Client Sample ID: SB-26-0

Lab Sample ID: 240-212801-12

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Benzo[a]anthracene	180		99	37	ug/Kg	1	☼	8270E	Total/NA
Benzo[a]pyrene	270		99	35	ug/Kg	1	☼	8270E	Total/NA
Benzo[b]fluoranthene	550		99	30	ug/Kg	1	☼	8270E	Total/NA
Benzo[g,h,i]perylene	310		99	67	ug/Kg	1	☼	8270E	Total/NA
Benzo[k]fluoranthene	150		99	25	ug/Kg	1	☼	8270E	Total/NA
Chrysene	390		99	35	ug/Kg	1	☼	8270E	Total/NA
Dibenz(a,h)anthracene	58	J	99	37	ug/Kg	1	☼	8270E	Total/NA
Fluoranthene	590		99	35	ug/Kg	1	☼	8270E	Total/NA
Indeno[1,2,3-cd]pyrene	230		99	30	ug/Kg	1	☼	8270E	Total/NA
Phenanthrene	160		99	32	ug/Kg	1	☼	8270E	Total/NA
Pyrene	490		99	40	ug/Kg	1	☼	8270E	Total/NA
Arsenic	12		3.0	0.64	mg/Kg	1	☼	6010D	Total/NA
Barium	90	B	41	0.26	mg/Kg	1	☼	6010D	Total/NA
Cadmium	0.48	J	1.0	0.098	mg/Kg	1	☼	6010D	Total/NA
Chromium	34		2.0	0.70	mg/Kg	1	☼	6010D	Total/NA
Copper	12		5.1	1.4	mg/Kg	1	☼	6010D	Total/NA
Lead	30		2.0	0.57	mg/Kg	1	☼	6010D	Total/NA
Selenium	1.2	J	4.1	0.95	mg/Kg	1	☼	6010D	Total/NA
Zinc	2300		10	7.4	mg/Kg	1	☼	6010D	Total/NA
Mercury	0.091	J B	0.24	0.043	mg/Kg	1	☼	7471B	Total/NA

This Detection Summary does not include radiochemical test results.

Client Sample ID: SB-26-0 (Continued)

Lab Sample ID: 240-212801-12

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Cyanide, Total	380		55	44	mg/Kg	50	☼	9012B	Total/NA

Client Sample ID: SB-26-0.5

Lab Sample ID: 240-212801-13

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Benzo[a]anthracene	30	J	58	22	ug/Kg	1	☼	8270E	Total/NA
Benzo[a]pyrene	35	J	58	20	ug/Kg	1	☼	8270E	Total/NA
Benzo[b]fluoranthene	55	J	58	18	ug/Kg	1	☼	8270E	Total/NA
Benzo[k]fluoranthene	36	J	58	15	ug/Kg	1	☼	8270E	Total/NA
Chrysene	50	J	58	20	ug/Kg	1	☼	8270E	Total/NA
Fluoranthene	89		58	20	ug/Kg	1	☼	8270E	Total/NA
Indeno[1,2,3-cd]pyrene	25	J	58	18	ug/Kg	1	☼	8270E	Total/NA
Phenanthrene	33	J	58	19	ug/Kg	1	☼	8270E	Total/NA
Pyrene	79		58	23	ug/Kg	1	☼	8270E	Total/NA
Arsenic	6.0		1.8	0.38	mg/Kg	1	☼	6010D	Total/NA
Barium	82	B	24	0.15	mg/Kg	1	☼	6010D	Total/NA
Cadmium	0.25	J	0.60	0.057	mg/Kg	1	☼	6010D	Total/NA
Chromium	14		1.2	0.41	mg/Kg	1	☼	6010D	Total/NA
Copper	12		3.0	0.84	mg/Kg	1	☼	6010D	Total/NA
Lead	28		1.2	0.34	mg/Kg	1	☼	6010D	Total/NA
Zinc	99		6.0	4.3	mg/Kg	1	☼	6010D	Total/NA
Mercury	0.097	J B	0.17	0.030	mg/Kg	1	☼	7471B	Total/NA
Cyanide, Total	20		7.7	6.1	mg/Kg	10	☼	9012B	Total/NA

Client Sample ID: SB-27-0

Lab Sample ID: 240-212801-14

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Anthracene	39	J	64	19	ug/Kg	1	☼	8270E	Total/NA
Benzo[a]anthracene	230		64	24	ug/Kg	1	☼	8270E	Total/NA
Benzo[a]pyrene	300		64	22	ug/Kg	1	☼	8270E	Total/NA
Benzo[b]fluoranthene	610	F1	64	19	ug/Kg	1	☼	8270E	Total/NA
Benzo[g,h,i]perylene	350		64	43	ug/Kg	1	☼	8270E	Total/NA
Benzo[k]fluoranthene	170		64	16	ug/Kg	1	☼	8270E	Total/NA
Chrysene	410		64	22	ug/Kg	1	☼	8270E	Total/NA
Dibenz(a,h)anthracene	66		64	24	ug/Kg	1	☼	8270E	Total/NA
Fluoranthene	780	F1	64	22	ug/Kg	1	☼	8270E	Total/NA
Indeno[1,2,3-cd]pyrene	260		64	19	ug/Kg	1	☼	8270E	Total/NA
Naphthalene	38	J	64	21	ug/Kg	1	☼	8270E	Total/NA
Phenanthrene	290		64	21	ug/Kg	1	☼	8270E	Total/NA
Pyrene	610		64	26	ug/Kg	1	☼	8270E	Total/NA
Arsenic	9.3		2.2	0.47	mg/Kg	1	☼	6010D	Total/NA
Barium	63	B	30	0.19	mg/Kg	1	☼	6010D	Total/NA
Cadmium	0.33	J	0.74	0.071	mg/Kg	1	☼	6010D	Total/NA
Chromium	26		1.5	0.51	mg/Kg	1	☼	6010D	Total/NA
Copper	1.8	J F1 F2	3.7	1.0	mg/Kg	1	☼	6010D	Total/NA
Lead	26		1.5	0.42	mg/Kg	1	☼	6010D	Total/NA
Selenium	0.87	J	3.0	0.70	mg/Kg	1	☼	6010D	Total/NA
Zinc	7500	F2	74	54	mg/Kg	10	☼	6010D	Total/NA
Mercury	0.060	J B	0.15	0.026	mg/Kg	1	☼	7471B	Total/NA
Cyanide, Total	930		50	40	mg/Kg	50	☼	9012B	Total/NA

This Detection Summary does not include radiochemical test results.

Detection Summary

Client: August Mack Environmental, Inc.
Project/Site: MSC Canfield

Job ID: 240-212801-1

Client Sample ID: SB-27-0.5 — Lab Sample ID: 240-212801-15

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Anthracene	47	J	120	37	ug/Kg	2	☼	8270E	Total/NA
Benzo[a]anthracene	240		120	46	ug/Kg	2	☼	8270E	Total/NA
Benzo[a]pyrene	280		120	43	ug/Kg	2	☼	8270E	Total/NA
Benzo[b]fluoranthene	460		120	37	ug/Kg	2	☼	8270E	Total/NA
Benzo[g,h,i]perylene	270		120	82	ug/Kg	2	☼	8270E	Total/NA
Benzo[k]fluoranthene	180		120	30	ug/Kg	2	☼	8270E	Total/NA
Chrysene	320		120	43	ug/Kg	2	☼	8270E	Total/NA
Dibenz(a,h)anthracene	60	J	120	46	ug/Kg	2	☼	8270E	Total/NA
Fluoranthene	660		120	43	ug/Kg	2	☼	8270E	Total/NA
Indeno[1,2,3-cd]pyrene	220		120	37	ug/Kg	2	☼	8270E	Total/NA
Phenanthrene	250		120	40	ug/Kg	2	☼	8270E	Total/NA
Pyrene	530		120	49	ug/Kg	2	☼	8270E	Total/NA
Arsenic	19		1.7	0.36	mg/Kg	1	☼	6010D	Total/NA
Barium	82	B	23	0.14	mg/Kg	1	☼	6010D	Total/NA
Cadmium	0.87		0.57	0.055	mg/Kg	1	☼	6010D	Total/NA
Chromium	43		1.1	0.39	mg/Kg	1	☼	6010D	Total/NA
Copper	22		2.9	0.80	mg/Kg	1	☼	6010D	Total/NA
Lead	83		1.1	0.32	mg/Kg	1	☼	6010D	Total/NA
Selenium	2.0	J	2.3	0.54	mg/Kg	1	☼	6010D	Total/NA
Zinc	1400		5.7	4.1	mg/Kg	1	☼	6010D	Total/NA
Mercury	0.11	J B	0.17	0.031	mg/Kg	1	☼	7471B	Total/NA
Cyanide, Total	100		7.8	6.2	mg/Kg	10	☼	9012B	Total/NA

Client Sample ID: SB-27-2.0 — Lab Sample ID: 240-212801-16

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Benzo[a]pyrene	18	J	51	18	ug/Kg	1	☼	8270E	Total/NA
Benzo[b]fluoranthene	35	J	51	15	ug/Kg	1	☼	8270E	Total/NA
Chrysene	24	J	51	18	ug/Kg	1	☼	8270E	Total/NA
Fluoranthene	36	J	51	18	ug/Kg	1	☼	8270E	Total/NA
Phenanthrene	16	J	51	16	ug/Kg	1	☼	8270E	Total/NA
Pyrene	30	J	51	20	ug/Kg	1	☼	8270E	Total/NA
Arsenic	8.8		1.7	0.35	mg/Kg	1	☼	6010D	Total/NA
Barium	62	B	22	0.14	mg/Kg	1	☼	6010D	Total/NA
Cadmium	0.11	J	0.56	0.054	mg/Kg	1	☼	6010D	Total/NA
Chromium	13		1.1	0.38	mg/Kg	1	☼	6010D	Total/NA
Copper	11		2.8	0.78	mg/Kg	1	☼	6010D	Total/NA
Lead	13		1.1	0.32	mg/Kg	1	☼	6010D	Total/NA
Zinc	360		5.6	4.1	mg/Kg	1	☼	6010D	Total/NA
Mercury	0.038	J B	0.14	0.025	mg/Kg	1	☼	7471B	Total/NA
Cyanide, Total	100		8.1	6.4	mg/Kg	10	☼	9012B	Total/NA

Client Sample ID: SB-28-0 — Lab Sample ID: 240-212801-17

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Benzo[a]anthracene	140		110	40	ug/Kg	1	☼	8270E	Total/NA
Benzo[a]pyrene	230		110	37	ug/Kg	1	☼	8270E	Total/NA
Benzo[b]fluoranthene	460		110	32	ug/Kg	1	☼	8270E	Total/NA
Benzo[g,h,i]perylene	250		110	72	ug/Kg	1	☼	8270E	Total/NA
Benzo[k]fluoranthene	130		110	27	ug/Kg	1	☼	8270E	Total/NA
Chrysene	310		110	37	ug/Kg	1	☼	8270E	Total/NA
Dibenz(a,h)anthracene	42	J	110	40	ug/Kg	1	☼	8270E	Total/NA

This Detection Summary does not include radiochemical test results.

Eurofins Cleveland

Client Sample ID: SB-28-0 (Continued)

Lab Sample ID: 240-212801-17

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Fluoranthene	480		110	37	ug/Kg	1	☼	8270E	Total/NA
Indeno[1,2,3-cd]pyrene	180		110	32	ug/Kg	1	☼	8270E	Total/NA
Phenanthrene	140		110	35	ug/Kg	1	☼	8270E	Total/NA
Pyrene	410		110	43	ug/Kg	1	☼	8270E	Total/NA
Arsenic	8.7		3.9	0.81	mg/Kg	1	☼	6010D	Total/NA
Barium	89	B	51	0.32	mg/Kg	1	☼	6010D	Total/NA
Cadmium	0.42	J	1.3	0.12	mg/Kg	1	☼	6010D	Total/NA
Chromium	30		2.6	0.88	mg/Kg	1	☼	6010D	Total/NA
Copper	15		6.4	1.8	mg/Kg	1	☼	6010D	Total/NA
Lead	28		2.6	0.72	mg/Kg	1	☼	6010D	Total/NA
Zinc	2300		13	9.3	mg/Kg	1	☼	6010D	Total/NA
Mercury	0.084	J B	0.28	0.050	mg/Kg	1	☼	7471B	Total/NA
Cyanide, Total	270		62	49	mg/Kg	50	☼	9012B	Total/NA

Client Sample ID: DUP-10-20241008

Lab Sample ID: 240-212801-18

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Benzo[a]anthracene	32	J	58	22	ug/Kg	1	☼	8270E	Total/NA
Benzo[a]pyrene	36	J	58	20	ug/Kg	1	☼	8270E	Total/NA
Benzo[b]fluoranthene	84		58	17	ug/Kg	1	☼	8270E	Total/NA
Benzo[g,h,i]perylene	40	J	58	39	ug/Kg	1	☼	8270E	Total/NA
Benzo[k]fluoranthene	17	J	58	14	ug/Kg	1	☼	8270E	Total/NA
Chrysene	58		58	20	ug/Kg	1	☼	8270E	Total/NA
Fluoranthene	100		58	20	ug/Kg	1	☼	8270E	Total/NA
Indeno[1,2,3-cd]pyrene	32	J	58	17	ug/Kg	1	☼	8270E	Total/NA
Phenanthrene	38	J	58	19	ug/Kg	1	☼	8270E	Total/NA
Pyrene	85		58	23	ug/Kg	1	☼	8270E	Total/NA
Arsenic	7.6		1.8	0.38	mg/Kg	1	☼	6010D	Total/NA
Barium	91	B	24	0.15	mg/Kg	1	☼	6010D	Total/NA
Cadmium	0.30	J	0.61	0.058	mg/Kg	1	☼	6010D	Total/NA
Chromium	18		1.2	0.42	mg/Kg	1	☼	6010D	Total/NA
Copper	16		3.0	0.85	mg/Kg	1	☼	6010D	Total/NA
Lead	37		1.2	0.34	mg/Kg	1	☼	6010D	Total/NA
Zinc	150		6.1	4.4	mg/Kg	1	☼	6010D	Total/NA
Mercury	0.082	J B	0.15	0.026	mg/Kg	1	☼	7471B	Total/NA
Cyanide, Total	20		9.1	7.2	mg/Kg	10	☼	9012B	Total/NA

Client Sample ID: SB-28-0.5

Lab Sample ID: 240-212801-19

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Benzo[a]anthracene	31	J	56	21	ug/Kg	1	☼	8270E	Total/NA
Benzo[a]pyrene	33	J	56	20	ug/Kg	1	☼	8270E	Total/NA
Benzo[b]fluoranthene	65		56	17	ug/Kg	1	☼	8270E	Total/NA
Benzo[k]fluoranthene	20	J	56	14	ug/Kg	1	☼	8270E	Total/NA
Chrysene	44	J	56	20	ug/Kg	1	☼	8270E	Total/NA
Fluoranthene	82		56	20	ug/Kg	1	☼	8270E	Total/NA
Indeno[1,2,3-cd]pyrene	25	J	56	17	ug/Kg	1	☼	8270E	Total/NA
Phenanthrene	34	J	56	18	ug/Kg	1	☼	8270E	Total/NA
Pyrene	66		56	22	ug/Kg	1	☼	8270E	Total/NA
Arsenic	6.6		1.8	0.38	mg/Kg	1	☼	6010D	Total/NA
Barium	93	B	24	0.15	mg/Kg	1	☼	6010D	Total/NA
Cadmium	0.44	J	0.60	0.057	mg/Kg	1	☼	6010D	Total/NA

This Detection Summary does not include radiochemical test results.

Client Sample ID: SB-28-0.5 (Continued)

Lab Sample ID: 240-212801-19

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Chromium	19		1.2	0.41	mg/Kg	1	☼	6010D	Total/NA
Copper	15		3.0	0.84	mg/Kg	1	☼	6010D	Total/NA
Lead	31		1.2	0.34	mg/Kg	1	☼	6010D	Total/NA
Selenium	0.86	J	2.4	0.56	mg/Kg	1	☼	6010D	Total/NA
Zinc	240		6.0	4.3	mg/Kg	1	☼	6010D	Total/NA
Mercury	0.083	J B	0.14	0.025	mg/Kg	1	☼	7471B	Total/NA
Cyanide, Total	9.0		8.0	6.4	mg/Kg	10	☼	9012B	Total/NA

Client Sample ID: SB-28-2.0

Lab Sample ID: 240-212801-20

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Benzo[a]pyrene	18	J	49	17	ug/Kg	1	☼	8270E	Total/NA
Benzo[b]fluoranthene	31	J	49	15	ug/Kg	1	☼	8270E	Total/NA
Benzo[k]fluoranthene	13	J	49	12	ug/Kg	1	☼	8270E	Total/NA
Chrysene	22	J	49	17	ug/Kg	1	☼	8270E	Total/NA
Fluoranthene	38	J	49	17	ug/Kg	1	☼	8270E	Total/NA
Phenanthrene	17	J	49	16	ug/Kg	1	☼	8270E	Total/NA
Pyrene	33	J	49	20	ug/Kg	1	☼	8270E	Total/NA
Arsenic	11		1.6	0.33	mg/Kg	1	☼	6010D	Total/NA
Barium	66	B	21	0.13	mg/Kg	1	☼	6010D	Total/NA
Cadmium	0.064	J	0.52	0.050	mg/Kg	1	☼	6010D	Total/NA
Chromium	10		1.0	0.36	mg/Kg	1	☼	6010D	Total/NA
Copper	7.4		2.6	0.73	mg/Kg	1	☼	6010D	Total/NA
Lead	11		1.0	0.29	mg/Kg	1	☼	6010D	Total/NA
Zinc	45		5.2	3.8	mg/Kg	1	☼	6010D	Total/NA
Mercury	0.037	J B	0.12	0.022	mg/Kg	1	☼	7471B	Total/NA
Cyanide, Total	6.9	F2	6.9	5.5	mg/Kg	10	☼	9012B	Total/NA

Client Sample ID: SB-29-0

Lab Sample ID: 240-212801-21

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Benzo[a]anthracene	76	J	94	35	ug/Kg	1	☼	8270E	Total/NA
Benzo[a]pyrene	110		94	33	ug/Kg	1	☼	8270E	Total/NA
Benzo[b]fluoranthene	250		94	28	ug/Kg	1	☼	8270E	Total/NA
Benzo[g,h,i]perylene	120		94	63	ug/Kg	1	☼	8270E	Total/NA
Benzo[k]fluoranthene	81	J	94	23	ug/Kg	1	☼	8270E	Total/NA
Chrysene	160		94	33	ug/Kg	1	☼	8270E	Total/NA
Fluoranthene	280		94	33	ug/Kg	1	☼	8270E	Total/NA
Indeno[1,2,3-cd]pyrene	89	J	94	28	ug/Kg	1	☼	8270E	Total/NA
Phenanthrene	83	J	94	31	ug/Kg	1	☼	8270E	Total/NA
Pyrene	230		94	38	ug/Kg	1	☼	8270E	Total/NA
Arsenic	7.3		3.3	0.69	mg/Kg	1	☼	6010D	Total/NA
Barium	73	B	43	0.27	mg/Kg	1	☼	6010D	Total/NA
Cadmium	0.50	J	1.1	0.10	mg/Kg	1	☼	6010D	Total/NA
Chromium	26		2.2	0.74	mg/Kg	1	☼	6010D	Total/NA
Copper	9.4		5.4	1.5	mg/Kg	1	☼	6010D	Total/NA
Lead	27		2.2	0.61	mg/Kg	1	☼	6010D	Total/NA
Selenium	1.8	J	4.3	1.0	mg/Kg	1	☼	6010D	Total/NA
Zinc	4700		11	7.9	mg/Kg	1	☼	6010D	Total/NA
Mercury	0.073	J	0.26	0.046	mg/Kg	1	☼	7471B	Total/NA
Cyanide, Total	450		58	46	mg/Kg	50	☼	9012B	Total/NA

This Detection Summary does not include radiochemical test results.

Detection Summary

Client: August Mack Environmental, Inc.
Project/Site: MSC Canfield

Job ID: 240-212801-1

Client Sample ID: SB-29-0.5 — Lab Sample ID: 240-212801-22

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Benzo[a]anthracene	90		77	29	ug/Kg	1	☼	8270E	Total/NA
Benzo[a]pyrene	120		77	27	ug/Kg	1	☼	8270E	Total/NA
Benzo[b]fluoranthene	260		77	23	ug/Kg	1	☼	8270E	Total/NA
Benzo[g,h,i]perylene	130		77	52	ug/Kg	1	☼	8270E	Total/NA
Benzo[k]fluoranthene	86		77	19	ug/Kg	1	☼	8270E	Total/NA
Chrysene	180		77	27	ug/Kg	1	☼	8270E	Total/NA
Fluoranthene	290		77	27	ug/Kg	1	☼	8270E	Total/NA
Indeno[1,2,3-cd]pyrene	100		77	23	ug/Kg	1	☼	8270E	Total/NA
Phenanthrene	83		77	25	ug/Kg	1	☼	8270E	Total/NA
Pyrene	230		77	31	ug/Kg	1	☼	8270E	Total/NA
Arsenic	9.2		2.7	0.56	mg/Kg	1	☼	6010D	Total/NA
Barium	120	B	36	0.23	mg/Kg	1	☼	6010D	Total/NA
Cadmium	0.50	J	0.89	0.086	mg/Kg	1	☼	6010D	Total/NA
Chromium	27		1.8	0.61	mg/Kg	1	☼	6010D	Total/NA
Copper	22		4.5	1.3	mg/Kg	1	☼	6010D	Total/NA
Lead	42		1.8	0.50	mg/Kg	1	☼	6010D	Total/NA
Zinc	170		8.9	6.5	mg/Kg	1	☼	6010D	Total/NA
Mercury	0.083	J	0.19	0.034	mg/Kg	1	☼	7471B	Total/NA
Cyanide, Total	220		52	42	mg/Kg	50	☼	9012B	Total/NA

Client Sample ID: SB-29-2.0 — Lab Sample ID: 240-212801-23

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Benzo[a]pyrene	19	J	53	19	ug/Kg	1	☼	8270E	Total/NA
Benzo[b]fluoranthene	36	J	53	16	ug/Kg	1	☼	8270E	Total/NA
Benzo[k]fluoranthene	14	J	53	13	ug/Kg	1	☼	8270E	Total/NA
Chrysene	24	J	53	19	ug/Kg	1	☼	8270E	Total/NA
Fluoranthene	44	J	53	19	ug/Kg	1	☼	8270E	Total/NA
Pyrene	33	J	53	21	ug/Kg	1	☼	8270E	Total/NA
Arsenic	5.6		1.7	0.35	mg/Kg	1	☼	6010D	Total/NA
Barium	67	B	22	0.14	mg/Kg	1	☼	6010D	Total/NA
Cadmium	0.17	J	0.55	0.053	mg/Kg	1	☼	6010D	Total/NA
Chromium	10		1.1	0.38	mg/Kg	1	☼	6010D	Total/NA
Copper	9.1		2.8	0.77	mg/Kg	1	☼	6010D	Total/NA
Lead	14		1.1	0.31	mg/Kg	1	☼	6010D	Total/NA
Zinc	69		5.5	4.0	mg/Kg	1	☼	6010D	Total/NA
Mercury	0.044	J	0.13	0.024	mg/Kg	1	☼	7471B	Total/NA
Cyanide, Total	6.6	J	7.2	5.7	mg/Kg	10	☼	9012B	Total/NA

Client Sample ID: SB-34-0 — Lab Sample ID: 240-212801-24

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Acenaphthylene	28	J	60	22	ug/Kg	1	☼	8270E	Total/NA
Anthracene	63		60	18	ug/Kg	1	☼	8270E	Total/NA
Benzo[a]anthracene	400		60	22	ug/Kg	1	☼	8270E	Total/NA
Benzo[a]pyrene	610		60	21	ug/Kg	1	☼	8270E	Total/NA
Benzo[b]fluoranthene	1100		60	18	ug/Kg	1	☼	8270E	Total/NA
Benzo[g,h,i]perylene	620		60	40	ug/Kg	1	☼	8270E	Total/NA
Benzo[k]fluoranthene	440		60	15	ug/Kg	1	☼	8270E	Total/NA
Chrysene	750		60	21	ug/Kg	1	☼	8270E	Total/NA
Dibenz(a,h)anthracene	120		60	22	ug/Kg	1	☼	8270E	Total/NA
Fluoranthene	1200		60	21	ug/Kg	1	☼	8270E	Total/NA

This Detection Summary does not include radiochemical test results.

Client Sample ID: SB-34-0 (Continued)

Lab Sample ID: 240-212801-24

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Fluorene	23	J	60	21	ug/Kg	1	☼	8270E	Total/NA
Indeno[1,2,3-cd]pyrene	490		60	18	ug/Kg	1	☼	8270E	Total/NA
Naphthalene	42	J	60	19	ug/Kg	1	☼	8270E	Total/NA
Phenanthrene	380		60	19	ug/Kg	1	☼	8270E	Total/NA
Pyrene	950		60	24	ug/Kg	1	☼	8270E	Total/NA
Arsenic	10		1.8	0.37	mg/Kg	1	☼	6010D	Total/NA
Barium	69	B	23	0.15	mg/Kg	1	☼	6010D	Total/NA
Cadmium	0.39	J	0.59	0.056	mg/Kg	1	☼	6010D	Total/NA
Chromium	28		1.2	0.40	mg/Kg	1	☼	6010D	Total/NA
Copper	6.0		2.9	0.82	mg/Kg	1	☼	6010D	Total/NA
Lead	28		1.2	0.33	mg/Kg	1	☼	6010D	Total/NA
Zinc	3700		29	21	mg/Kg	5	☼	6010D	Total/NA
Mercury	0.039	J	0.14	0.025	mg/Kg	1	☼	7471B	Total/NA
Cyanide, Total	500		33	26	mg/Kg	50	☼	9012B	Total/NA

Client Sample ID: SB-34-0.5

Lab Sample ID: 240-212801-25

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Benzo[a]anthracene	27	J	49	18	ug/Kg	1	☼	8270E	Total/NA
Benzo[a]pyrene	35	J	49	17	ug/Kg	1	☼	8270E	Total/NA
Benzo[b]fluoranthene	65		49	15	ug/Kg	1	☼	8270E	Total/NA
Benzo[g,h,i]perylene	39	J	49	33	ug/Kg	1	☼	8270E	Total/NA
Benzo[k]fluoranthene	21	J	49	12	ug/Kg	1	☼	8270E	Total/NA
Chrysene	42	J	49	17	ug/Kg	1	☼	8270E	Total/NA
Fluoranthene	67		49	17	ug/Kg	1	☼	8270E	Total/NA
Indeno[1,2,3-cd]pyrene	27	J	49	15	ug/Kg	1	☼	8270E	Total/NA
Phenanthrene	25	J	49	16	ug/Kg	1	☼	8270E	Total/NA
Pyrene	55		49	20	ug/Kg	1	☼	8270E	Total/NA
Arsenic	14		1.3	0.27	mg/Kg	1	☼	6010D	Total/NA
Barium	35	B	17	0.11	mg/Kg	1	☼	6010D	Total/NA
Cadmium	0.088	J	0.43	0.041	mg/Kg	1	☼	6010D	Total/NA
Chromium	12		0.85	0.29	mg/Kg	1	☼	6010D	Total/NA
Copper	17		2.1	0.60	mg/Kg	1	☼	6010D	Total/NA
Lead	14		0.85	0.24	mg/Kg	1	☼	6010D	Total/NA
Selenium	0.53	J	1.7	0.40	mg/Kg	1	☼	6010D	Total/NA
Zinc	180		4.3	3.1	mg/Kg	1	☼	6010D	Total/NA
Mercury	0.031	J	0.12	0.022	mg/Kg	1	☼	7471B	Total/NA
Cyanide, Total	63		5.9	4.7	mg/Kg	10	☼	9012B	Total/NA

Client Sample ID: SB-34-2.0

Lab Sample ID: 240-212801-26

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Benzo[a]anthracene	20	J	47	18	ug/Kg	1	☼	8270E	Total/NA
Benzo[a]pyrene	21	J	47	17	ug/Kg	1	☼	8270E	Total/NA
Benzo[b]fluoranthene	39	J	47	14	ug/Kg	1	☼	8270E	Total/NA
Benzo[k]fluoranthene	13	J	47	12	ug/Kg	1	☼	8270E	Total/NA
Chrysene	26	J	47	17	ug/Kg	1	☼	8270E	Total/NA
Fluoranthene	40	J	47	17	ug/Kg	1	☼	8270E	Total/NA
Indeno[1,2,3-cd]pyrene	17	J	47	14	ug/Kg	1	☼	8270E	Total/NA
Phenanthrene	25	J	47	15	ug/Kg	1	☼	8270E	Total/NA
Pyrene	38	J	47	19	ug/Kg	1	☼	8270E	Total/NA
Arsenic	12		1.5	0.33	mg/Kg	1	☼	6010D	Total/NA

This Detection Summary does not include radiochemical test results.

Client Sample ID: SB-34-2.0 (Continued)

Lab Sample ID: 240-212801-26

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Barium	38	B	21	0.13	mg/Kg	1	☼	6010D	Total/NA
Cadmium	0.12	J	0.52	0.049	mg/Kg	1	☼	6010D	Total/NA
Chromium	12		1.0	0.35	mg/Kg	1	☼	6010D	Total/NA
Copper	18		2.6	0.72	mg/Kg	1	☼	6010D	Total/NA
Lead	13		1.0	0.29	mg/Kg	1	☼	6010D	Total/NA
Selenium	0.52	J	2.1	0.48	mg/Kg	1	☼	6010D	Total/NA
Zinc	200		5.2	3.7	mg/Kg	1	☼	6010D	Total/NA
Mercury	0.019	J	0.10	0.019	mg/Kg	1	☼	7471B	Total/NA
Cyanide, Total	21		5.6	4.5	mg/Kg	10	☼	9012B	Total/NA

Client Sample ID: SB-33-0

Lab Sample ID: 240-212801-30

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Acenaphthylene	25	J	57	21	ug/Kg	1	☼	8270E	Total/NA
Anthracene	47	J	57	17	ug/Kg	1	☼	8270E	Total/NA
Benzo[a]anthracene	310		57	21	ug/Kg	1	☼	8270E	Total/NA
Benzo[a]pyrene	470		57	20	ug/Kg	1	☼	8270E	Total/NA
Benzo[b]fluoranthene	1100	F1	57	17	ug/Kg	1	☼	8270E	Total/NA
Benzo[g,h,i]perylene	530		57	38	ug/Kg	1	☼	8270E	Total/NA
Benzo[k]fluoranthene	300		57	14	ug/Kg	1	☼	8270E	Total/NA
Chrysene	650	F1	57	20	ug/Kg	1	☼	8270E	Total/NA
Dibenz(a,h)anthracene	97		57	21	ug/Kg	1	☼	8270E	Total/NA
Fluoranthene	920	F1	57	20	ug/Kg	1	☼	8270E	Total/NA
Indeno[1,2,3-cd]pyrene	440		57	17	ug/Kg	1	☼	8270E	Total/NA
Naphthalene	51	J	57	19	ug/Kg	1	☼	8270E	Total/NA
Phenanthrene	270		57	19	ug/Kg	1	☼	8270E	Total/NA
Pyrene	690	F1	57	23	ug/Kg	1	☼	8270E	Total/NA
Arsenic	11		1.8	0.39	mg/Kg	1	☼	6010D	Total/NA
Barium	80	B	24	0.15	mg/Kg	1	☼	6010D	Total/NA
Cadmium	0.39	J	0.61	0.059	mg/Kg	1	☼	6010D	Total/NA
Chromium	24		1.2	0.42	mg/Kg	1	☼	6010D	Total/NA
Copper	4.0	F1 F2	3.1	0.86	mg/Kg	1	☼	6010D	Total/NA
Lead	29		1.2	0.35	mg/Kg	1	☼	6010D	Total/NA
Selenium	0.67	J	2.4	0.57	mg/Kg	1	☼	6010D	Total/NA
Zinc	7600	F2	61	44	mg/Kg	10	☼	6010D	Total/NA
Mercury	0.039	J	0.16	0.028	mg/Kg	1	☼	7471B	Total/NA
Cyanide, Total	390		36	29	mg/Kg	50	☼	9012B	Total/NA

Client Sample ID: SB-33-0.5

Lab Sample ID: 240-212801-31

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Acenaphthylene	18	J	47	18	ug/Kg	1	☼	8270E	Total/NA
Anthracene	23	J	47	14	ug/Kg	1	☼	8270E	Total/NA
Benzo[a]anthracene	110		47	18	ug/Kg	1	☼	8270E	Total/NA
Benzo[a]pyrene	120		47	17	ug/Kg	1	☼	8270E	Total/NA
Benzo[b]fluoranthene	200		47	14	ug/Kg	1	☼	8270E	Total/NA
Benzo[g,h,i]perylene	88		47	32	ug/Kg	1	☼	8270E	Total/NA
Benzo[k]fluoranthene	66		47	12	ug/Kg	1	☼	8270E	Total/NA
Chrysene	140		47	17	ug/Kg	1	☼	8270E	Total/NA
Dibenz(a,h)anthracene	20	J	47	18	ug/Kg	1	☼	8270E	Total/NA
Fluoranthene	280		47	17	ug/Kg	1	☼	8270E	Total/NA
Indeno[1,2,3-cd]pyrene	71		47	14	ug/Kg	1	☼	8270E	Total/NA

This Detection Summary does not include radiochemical test results.

Client Sample ID: SB-33-0.5 (Continued)

Lab Sample ID: 240-212801-31

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Naphthalene	41	J	47	15	ug/Kg	1	☼	8270E	Total/NA
Phenanthrene	100		47	15	ug/Kg	1	☼	8270E	Total/NA
Pyrene	210		47	19	ug/Kg	1	☼	8270E	Total/NA
Arsenic	14		1.6	0.34	mg/Kg	1	☼	6010D	Total/NA
Barium	47	B	21	0.13	mg/Kg	1	☼	6010D	Total/NA
Cadmium	0.12	J	0.53	0.051	mg/Kg	1	☼	6010D	Total/NA
Chromium	12		1.1	0.37	mg/Kg	1	☼	6010D	Total/NA
Copper	18		2.7	0.75	mg/Kg	1	☼	6010D	Total/NA
Lead	15		1.1	0.30	mg/Kg	1	☼	6010D	Total/NA
Selenium	0.63	J	2.1	0.50	mg/Kg	1	☼	6010D	Total/NA
Zinc	280		5.3	3.9	mg/Kg	1	☼	6010D	Total/NA
Mercury	0.029	J	0.11	0.020	mg/Kg	1	☼	7471B	Total/NA
Cyanide, Total	36		5.5	4.4	mg/Kg	10	☼	9012B	Total/NA

Client Sample ID: SB-33-2.0

Lab Sample ID: 240-212801-32

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Arsenic	11		1.3	0.27	mg/Kg	1	☼	6010D	Total/NA
Barium	40	B	17	0.11	mg/Kg	1	☼	6010D	Total/NA
Cadmium	0.078	J	0.43	0.041	mg/Kg	1	☼	6010D	Total/NA
Chromium	11		0.85	0.29	mg/Kg	1	☼	6010D	Total/NA
Copper	12		2.1	0.60	mg/Kg	1	☼	6010D	Total/NA
Lead	13		0.85	0.24	mg/Kg	1	☼	6010D	Total/NA
Zinc	190		4.3	3.1	mg/Kg	1	☼	6010D	Total/NA
Cyanide, Total	8.1		5.6	4.4	mg/Kg	10	☼	9012B	Total/NA

Client Sample ID: DUP-11-20241009

Lab Sample ID: 240-212801-33

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Anthracene	39	J	62	19	ug/Kg	1	☼	8270E	Total/NA
Benzo[a]anthracene	290		62	23	ug/Kg	1	☼	8270E	Total/NA
Benzo[a]pyrene	410		62	22	ug/Kg	1	☼	8270E	Total/NA
Benzo[b]fluoranthene	950		62	19	ug/Kg	1	☼	8270E	Total/NA
Benzo[g,h,i]perylene	390		62	42	ug/Kg	1	☼	8270E	Total/NA
Benzo[k]fluoranthene	290		62	15	ug/Kg	1	☼	8270E	Total/NA
Chrysene	650		62	22	ug/Kg	1	☼	8270E	Total/NA
Dibenz(a,h)anthracene	79		62	23	ug/Kg	1	☼	8270E	Total/NA
Fluoranthene	1100		62	22	ug/Kg	1	☼	8270E	Total/NA
Indeno[1,2,3-cd]pyrene	330		62	19	ug/Kg	1	☼	8270E	Total/NA
Naphthalene	33	J	62	20	ug/Kg	1	☼	8270E	Total/NA
Phenanthrene	280		62	20	ug/Kg	1	☼	8270E	Total/NA
Pyrene	810		62	25	ug/Kg	1	☼	8270E	Total/NA
Arsenic	7.0		1.8	0.38	mg/Kg	1	☼	6010D	Total/NA
Barium	91	B	24	0.15	mg/Kg	1	☼	6010D	Total/NA
Cadmium	0.24	J	0.60	0.058	mg/Kg	1	☼	6010D	Total/NA
Chromium	13		1.2	0.41	mg/Kg	1	☼	6010D	Total/NA
Lead	19		1.2	0.34	mg/Kg	1	☼	6010D	Total/NA
Zinc	33000		600	440	mg/Kg	100	☼	6010D	Total/NA
Cyanide, Total	760		43	34	mg/Kg	50	☼	9012B	Total/NA

This Detection Summary does not include radiochemical test results.

Detection Summary

Client: August Mack Environmental, Inc.
Project/Site: MSC Canfield

Job ID: 240-212801-1

Client Sample ID: SB-32-0

Lab Sample ID: 240-212801-34

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Anthracene	38	J	62	19	ug/Kg	1	☼	8270E	Total/NA
Benzo[a]anthracene	240		62	23	ug/Kg	1	☼	8270E	Total/NA
Benzo[a]pyrene	350		62	22	ug/Kg	1	☼	8270E	Total/NA
Benzo[b]fluoranthene	750		62	19	ug/Kg	1	☼	8270E	Total/NA
Benzo[g,h,i]perylene	350		62	42	ug/Kg	1	☼	8270E	Total/NA
Benzo[k]fluoranthene	270		62	16	ug/Kg	1	☼	8270E	Total/NA
Chrysene	520		62	22	ug/Kg	1	☼	8270E	Total/NA
Dibenz(a,h)anthracene	72		62	23	ug/Kg	1	☼	8270E	Total/NA
Fluoranthene	930		62	22	ug/Kg	1	☼	8270E	Total/NA
Indeno[1,2,3-cd]pyrene	290		62	19	ug/Kg	1	☼	8270E	Total/NA
Naphthalene	38	J	62	20	ug/Kg	1	☼	8270E	Total/NA
Phenanthrene	250		62	20	ug/Kg	1	☼	8270E	Total/NA
Pyrene	660		62	25	ug/Kg	1	☼	8270E	Total/NA
Arsenic	7.5		2.1	0.44	mg/Kg	1	☼	6010D	Total/NA
Barium	110	B	28	0.17	mg/Kg	1	☼	6010D	Total/NA
Cadmium	0.31	J	0.69	0.066	mg/Kg	1	☼	6010D	Total/NA
Chromium	16		1.4	0.47	mg/Kg	1	☼	6010D	Total/NA
Lead	25		1.4	0.39	mg/Kg	1	☼	6010D	Total/NA
Selenium	0.81	J	2.8	0.65	mg/Kg	1	☼	6010D	Total/NA
Zinc	21000		350	250	mg/Kg	50	☼	6010D	Total/NA
Mercury	0.038	J	0.16	0.028	mg/Kg	1	☼	7471B	Total/NA
Cyanide, Total	700		38	30	mg/Kg	50	☼	9012B	Total/NA

Client Sample ID: SB-32-0.5

Lab Sample ID: 240-212801-35

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Anthracene	39	J	62	19	ug/Kg	1	☼	8270E	Total/NA
Benzo[a]anthracene	230		62	23	ug/Kg	1	☼	8270E	Total/NA
Benzo[a]pyrene	310		62	22	ug/Kg	1	☼	8270E	Total/NA
Benzo[b]fluoranthene	560		62	19	ug/Kg	1	☼	8270E	Total/NA
Benzo[g,h,i]perylene	260		62	42	ug/Kg	1	☼	8270E	Total/NA
Benzo[k]fluoranthene	200		62	15	ug/Kg	1	☼	8270E	Total/NA
Chrysene	380		62	22	ug/Kg	1	☼	8270E	Total/NA
Dibenz(a,h)anthracene	53	J	62	23	ug/Kg	1	☼	8270E	Total/NA
Fluoranthene	680		62	22	ug/Kg	1	☼	8270E	Total/NA
Indeno[1,2,3-cd]pyrene	210		62	19	ug/Kg	1	☼	8270E	Total/NA
Naphthalene	50	J	62	20	ug/Kg	1	☼	8270E	Total/NA
Phenanthrene	230		62	20	ug/Kg	1	☼	8270E	Total/NA
Pyrene	530		62	25	ug/Kg	1	☼	8270E	Total/NA
Arsenic	12		2.1	0.44	mg/Kg	1	☼	6010D	Total/NA
Barium	70	B	28	0.17	mg/Kg	1	☼	6010D	Total/NA
Cadmium	0.37	J	0.69	0.066	mg/Kg	1	☼	6010D	Total/NA
Chromium	21		1.4	0.47	mg/Kg	1	☼	6010D	Total/NA
Copper	24		3.5	0.97	mg/Kg	1	☼	6010D	Total/NA
Lead	32		1.4	0.39	mg/Kg	1	☼	6010D	Total/NA
Selenium	0.67	J	2.8	0.65	mg/Kg	1	☼	6010D	Total/NA
Zinc	1700		6.9	5.0	mg/Kg	1	☼	6010D	Total/NA
Mercury	0.065	J	0.18	0.032	mg/Kg	1	☼	7471B	Total/NA
Cyanide, Total	260		42	33	mg/Kg	50	☼	9012B	Total/NA

This Detection Summary does not include radiochemical test results.

Detection Summary

Client: August Mack Environmental, Inc.
Project/Site: MSC Canfield

Job ID: 240-212801-1

Client Sample ID: SB-32-2.0 — Lab Sample ID: 240-212801-36

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Benzo[a]anthracene	29	J	57	21	ug/Kg	1	☼	8270E	Total/NA
Benzo[a]pyrene	40	J	57	20	ug/Kg	1	☼	8270E	Total/NA
Benzo[b]fluoranthene	82		57	17	ug/Kg	1	☼	8270E	Total/NA
Benzo[k]fluoranthene	26	J	57	14	ug/Kg	1	☼	8270E	Total/NA
Chrysene	52	J	57	20	ug/Kg	1	☼	8270E	Total/NA
Fluoranthene	79		57	20	ug/Kg	1	☼	8270E	Total/NA
Indeno[1,2,3-cd]pyrene	31	J	57	17	ug/Kg	1	☼	8270E	Total/NA
Phenanthrene	29	J	57	19	ug/Kg	1	☼	8270E	Total/NA
Pyrene	63		57	23	ug/Kg	1	☼	8270E	Total/NA
Arsenic	9.4		1.6	0.34	mg/Kg	1	☼	6010D	Total/NA
Barium	78	B	22	0.14	mg/Kg	1	☼	6010D	Total/NA
Cadmium	0.098	J	0.54	0.052	mg/Kg	1	☼	6010D	Total/NA
Chromium	12		1.1	0.37	mg/Kg	1	☼	6010D	Total/NA
Copper	7.2		2.7	0.76	mg/Kg	1	☼	6010D	Total/NA
Lead	17		1.1	0.31	mg/Kg	1	☼	6010D	Total/NA
Zinc	790		5.4	3.9	mg/Kg	1	☼	6010D	Total/NA
Mercury	0.042	J	0.15	0.028	mg/Kg	1	☼	7471B	Total/NA
Cyanide, Total	60		7.6	6.0	mg/Kg	10	☼	9012B	Total/NA

Client Sample ID: SB-31-0 — Lab Sample ID: 240-212801-37

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Anthracene	50	J	80	24	ug/Kg	1	☼	8270E	Total/NA
Benzo[a]anthracene	330		80	30	ug/Kg	1	☼	8270E	Total/NA
Benzo[a]pyrene	480		80	28	ug/Kg	1	☼	8270E	Total/NA
Benzo[b]fluoranthene	960		80	24	ug/Kg	1	☼	8270E	Total/NA
Benzo[g,h,i]perylene	480		80	54	ug/Kg	1	☼	8270E	Total/NA
Benzo[k]fluoranthene	300		80	20	ug/Kg	1	☼	8270E	Total/NA
Chrysene	660		80	28	ug/Kg	1	☼	8270E	Total/NA
Dibenz(a,h)anthracene	88		80	30	ug/Kg	1	☼	8270E	Total/NA
Fluoranthene	1200		80	28	ug/Kg	1	☼	8270E	Total/NA
Indeno[1,2,3-cd]pyrene	380		80	24	ug/Kg	1	☼	8270E	Total/NA
Naphthalene	40	J	80	26	ug/Kg	1	☼	8270E	Total/NA
Phenanthrene	330		80	26	ug/Kg	1	☼	8270E	Total/NA
Pyrene	890		80	32	ug/Kg	1	☼	8270E	Total/NA
Arsenic	8.2		2.0	0.42	mg/Kg	1	☼	6010D	Total/NA
Barium	66	B	27	0.17	mg/Kg	1	☼	6010D	Total/NA
Cadmium	0.35	J	0.67	0.064	mg/Kg	1	☼	6010D	Total/NA
Chromium	22		1.3	0.46	mg/Kg	1	☼	6010D	Total/NA
Copper	2.5	J	3.4	0.94	mg/Kg	1	☼	6010D	Total/NA
Lead	23		1.3	0.38	mg/Kg	1	☼	6010D	Total/NA
Zinc	9500		67	49	mg/Kg	10	☼	6010D	Total/NA
Mercury	0.049	J	0.21	0.038	mg/Kg	1	☼	7471B	Total/NA
Cyanide, Total	690		44	35	mg/Kg	50	☼	9012B	Total/NA

Client Sample ID: DUP-12-20241009 — Lab Sample ID: 240-212801-38

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Anthracene	48	J	77	23	ug/Kg	1	☼	8270E	Total/NA
Benzo[a]anthracene	320		77	29	ug/Kg	1	☼	8270E	Total/NA
Benzo[a]pyrene	470		77	27	ug/Kg	1	☼	8270E	Total/NA
Benzo[b]fluoranthene	920		77	23	ug/Kg	1	☼	8270E	Total/NA

This Detection Summary does not include radiochemical test results.

Client Sample ID: DUP-12-20241009 (Continued)

Lab Sample ID: 240-212801-38

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Benzo[g,h,i]perylene	470		77	52	ug/Kg	1	☼	8270E	Total/NA
Benzo[k]fluoranthene	280		77	19	ug/Kg	1	☼	8270E	Total/NA
Chrysene	640		77	27	ug/Kg	1	☼	8270E	Total/NA
Dibenz(a,h)anthracene	91		77	29	ug/Kg	1	☼	8270E	Total/NA
Fluoranthene	1100		77	27	ug/Kg	1	☼	8270E	Total/NA
Indeno[1,2,3-cd]pyrene	370		77	23	ug/Kg	1	☼	8270E	Total/NA
Naphthalene	41	J	77	25	ug/Kg	1	☼	8270E	Total/NA
Phenanthrene	320		77	25	ug/Kg	1	☼	8270E	Total/NA
Pyrene	870		77	31	ug/Kg	1	☼	8270E	Total/NA
Arsenic	9.8		2.7	0.56	mg/Kg	1	☼	6010D	Total/NA
Barium	75	B	36	0.22	mg/Kg	1	☼	6010D	Total/NA
Cadmium	0.45	J	0.89	0.085	mg/Kg	1	☼	6010D	Total/NA
Chromium	27		1.8	0.61	mg/Kg	1	☼	6010D	Total/NA
Copper	4.7		4.4	1.2	mg/Kg	1	☼	6010D	Total/NA
Lead	27		1.8	0.50	mg/Kg	1	☼	6010D	Total/NA
Zinc	10000		89	64	mg/Kg	10	☼	6010D	Total/NA
Mercury	0.057	J	0.21	0.038	mg/Kg	1	☼	7471B	Total/NA
Cyanide, Total	580		46	37	mg/Kg	50	☼	9012B	Total/NA

Client Sample ID: SB-31-0.5

Lab Sample ID: 240-212801-39

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Benzo[a]anthracene	70		58	22	ug/Kg	1	☼	8270E	Total/NA
Benzo[a]pyrene	87		58	20	ug/Kg	1	☼	8270E	Total/NA
Benzo[b]fluoranthene	150		58	17	ug/Kg	1	☼	8270E	Total/NA
Benzo[g,h,i]perylene	73		58	39	ug/Kg	1	☼	8270E	Total/NA
Benzo[k]fluoranthene	58		58	14	ug/Kg	1	☼	8270E	Total/NA
Chrysene	110		58	20	ug/Kg	1	☼	8270E	Total/NA
Fluoranthene	180		58	20	ug/Kg	1	☼	8270E	Total/NA
Indeno[1,2,3-cd]pyrene	63		58	17	ug/Kg	1	☼	8270E	Total/NA
Phenanthrene	70		58	19	ug/Kg	1	☼	8270E	Total/NA
Pyrene	150		58	23	ug/Kg	1	☼	8270E	Total/NA
Arsenic	11		1.9	0.40	mg/Kg	1	☼	6010D	Total/NA
Barium	74	B	25	0.16	mg/Kg	1	☼	6010D	Total/NA
Cadmium	0.32	J	0.63	0.060	mg/Kg	1	☼	6010D	Total/NA
Chromium	20		1.3	0.43	mg/Kg	1	☼	6010D	Total/NA
Copper	27		3.1	0.88	mg/Kg	1	☼	6010D	Total/NA
Lead	31		1.3	0.35	mg/Kg	1	☼	6010D	Total/NA
Selenium	0.72	J	2.5	0.59	mg/Kg	1	☼	6010D	Total/NA
Zinc	600		6.3	4.5	mg/Kg	1	☼	6010D	Total/NA
Mercury	0.054	J	0.17	0.031	mg/Kg	1	☼	7471B	Total/NA
Cyanide, Total	37		7.4	5.9	mg/Kg	10	☼	9012B	Total/NA

Client Sample ID: SB-31-2.0

Lab Sample ID: 240-212801-40

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Benzo[a]anthracene	27	J	73	27	ug/Kg	1	☼	8270E	Total/NA
Benzo[a]pyrene	30	J	73	25	ug/Kg	1	☼	8270E	Total/NA
Benzo[b]fluoranthene	57	J	73	22	ug/Kg	1	☼	8270E	Total/NA
Benzo[k]fluoranthene	20	J	73	18	ug/Kg	1	☼	8270E	Total/NA
Chrysene	37	J	73	25	ug/Kg	1	☼	8270E	Total/NA
Fluoranthene	60	J	73	25	ug/Kg	1	☼	8270E	Total/NA

This Detection Summary does not include radiochemical test results.

Client Sample ID: SB-31-2.0 (Continued)

Lab Sample ID: 240-212801-40

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Indeno[1,2,3-cd]pyrene	25	J	73	22	ug/Kg	1	☼	8270E	Total/NA
Pyrene	48	J	73	29	ug/Kg	1	☼	8270E	Total/NA
Arsenic	10		2.4	0.50	mg/Kg	1	☼	6010D	Total/NA
Barium	120	B	32	0.20	mg/Kg	1	☼	6010D	Total/NA
Cadmium	0.14	J	0.79	0.076	mg/Kg	1	☼	6010D	Total/NA
Chromium	18		1.6	0.54	mg/Kg	1	☼	6010D	Total/NA
Copper	15		3.9	1.1	mg/Kg	1	☼	6010D	Total/NA
Lead	18		1.6	0.44	mg/Kg	1	☼	6010D	Total/NA
Selenium	0.82	J	3.2	0.74	mg/Kg	1	☼	6010D	Total/NA
Zinc	320		7.9	5.7	mg/Kg	1	☼	6010D	Total/NA
Mercury	0.069	J	0.18	0.032	mg/Kg	1	☼	7471B	Total/NA
Cyanide, Total	17		9.5	7.6	mg/Kg	10	☼	9012B	Total/NA

Client Sample ID: SB-30-0

Lab Sample ID: 240-212801-41

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Benzo[a]anthracene	160	F2 F1	83	31	ug/Kg	1	☼	8270E	Total/NA
Benzo[a]pyrene	230	F2 F1	83	29	ug/Kg	1	☼	8270E	Total/NA
Benzo[b]fluoranthene	420	F2 F1	83	25	ug/Kg	1	☼	8270E	Total/NA
Benzo[g,h,i]perylene	260	F2 F1	83	56	ug/Kg	1	☼	8270E	Total/NA
Benzo[k]fluoranthene	170	F2 F1	83	21	ug/Kg	1	☼	8270E	Total/NA
Chrysene	370	F2 F1	83	29	ug/Kg	1	☼	8270E	Total/NA
Dibenz(a,h)anthracene	47	J F2 F1	83	31	ug/Kg	1	☼	8270E	Total/NA
Fluoranthene	610	F2 F1	83	29	ug/Kg	1	☼	8270E	Total/NA
Indeno[1,2,3-cd]pyrene	180	F2 F1	83	25	ug/Kg	1	☼	8270E	Total/NA
Naphthalene	29	J F2 F1	83	27	ug/Kg	1	☼	8270E	Total/NA
Phenanthrene	180	F2 F1	83	27	ug/Kg	1	☼	8270E	Total/NA
Pyrene	470	F2 F1	83	33	ug/Kg	1	☼	8270E	Total/NA
Arsenic	7.0		2.6	0.55	mg/Kg	1	☼	6010D	Total/NA
Barium	62		35	0.22	mg/Kg	1	☼	6010D	Total/NA
Cadmium	0.43	J	0.86	0.083	mg/Kg	1	☼	6010D	Total/NA
Chromium	19		1.7	0.59	mg/Kg	1	☼	6010D	Total/NA
Copper	1.4	J F1 F2	4.3	1.2	mg/Kg	1	☼	6010D	Total/NA
Lead	23		1.7	0.49	mg/Kg	1	☼	6010D	Total/NA
Zinc	22000		430	310	mg/Kg	50	☼	6010D	Total/NA
Mercury	0.078	J	0.21	0.039	mg/Kg	1	☼	7471B	Total/NA
Cyanide, Total	320		57	45	mg/Kg	50	☼	9012B	Total/NA

Client Sample ID: SB-30-0.5

Lab Sample ID: 240-212801-42

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Benzo[a]anthracene	57		57	21	ug/Kg	1	☼	8270E	Total/NA
Benzo[a]pyrene	66		57	20	ug/Kg	1	☼	8270E	Total/NA
Benzo[b]fluoranthene	110		57	17	ug/Kg	1	☼	8270E	Total/NA
Benzo[g,h,i]perylene	62		57	38	ug/Kg	1	☼	8270E	Total/NA
Benzo[k]fluoranthene	42	J	57	14	ug/Kg	1	☼	8270E	Total/NA
Chrysene	85		57	20	ug/Kg	1	☼	8270E	Total/NA
Fluoranthene	150		57	20	ug/Kg	1	☼	8270E	Total/NA
Indeno[1,2,3-cd]pyrene	48	J	57	17	ug/Kg	1	☼	8270E	Total/NA
Naphthalene	18	J	57	18	ug/Kg	1	☼	8270E	Total/NA
Phenanthrene	73		57	18	ug/Kg	1	☼	8270E	Total/NA
Pyrene	120		57	23	ug/Kg	1	☼	8270E	Total/NA

This Detection Summary does not include radiochemical test results.

Client Sample ID: SB-30-0.5 (Continued)

Lab Sample ID: 240-212801-42

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Arsenic	9.2		1.5	0.33	mg/Kg	1	☼	6010D	Total/NA
Barium	66	B	21	0.13	mg/Kg	1	☼	6010D	Total/NA
Cadmium	0.24	J	0.52	0.049	mg/Kg	1	☼	6010D	Total/NA
Chromium	15		1.0	0.35	mg/Kg	1	☼	6010D	Total/NA
Copper	17		2.6	0.72	mg/Kg	1	☼	6010D	Total/NA
Lead	370		1.0	0.29	mg/Kg	1	☼	6010D	Total/NA
Selenium	0.53	J	2.1	0.48	mg/Kg	1	☼	6010D	Total/NA
Zinc	300		5.2	3.7	mg/Kg	1	☼	6010D	Total/NA
Mercury	0.074	J	0.16	0.029	mg/Kg	1	☼	7471B	Total/NA
Cyanide, Total	28		6.1	4.9	mg/Kg	10	☼	9012B	Total/NA

Client Sample ID: DUP-13-20241009

Lab Sample ID: 240-212801-43

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Benzo[a]pyrene	24	J	53	19	ug/Kg	1	☼	8270E	Total/NA
Benzo[b]fluoranthene	35	J	53	16	ug/Kg	1	☼	8270E	Total/NA
Benzo[g,h,i]perylene	39	J	53	36	ug/Kg	1	☼	8270E	Total/NA
Benzo[k]fluoranthene	16	J	53	13	ug/Kg	1	☼	8270E	Total/NA
Chrysene	34	J	53	19	ug/Kg	1	☼	8270E	Total/NA
Fluoranthene	44	J	53	19	ug/Kg	1	☼	8270E	Total/NA
Phenanthrene	44	J	53	17	ug/Kg	1	☼	8270E	Total/NA
Pyrene	39	J	53	21	ug/Kg	1	☼	8270E	Total/NA
Arsenic	9.2		1.6	0.33	mg/Kg	1	☼	6010D	Total/NA
Barium	62	B	21	0.13	mg/Kg	1	☼	6010D	Total/NA
Cadmium	0.24	J	0.52	0.050	mg/Kg	1	☼	6010D	Total/NA
Chromium	15		1.0	0.36	mg/Kg	1	☼	6010D	Total/NA
Copper	17		2.6	0.73	mg/Kg	1	☼	6010D	Total/NA
Lead	22		1.0	0.30	mg/Kg	1	☼	6010D	Total/NA
Zinc	380		5.2	3.8	mg/Kg	1	☼	6010D	Total/NA
Mercury	0.14	J	0.15	0.026	mg/Kg	1	☼	7471B	Total/NA
Cyanide, Total	6.9		6.6	5.2	mg/Kg	10	☼	9012B	Total/NA

Client Sample ID: SB-30-2.0

Lab Sample ID: 240-212801-44

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Benzo[a]anthracene	23	J	50	19	ug/Kg	1	☼	8270E	Total/NA
Benzo[a]pyrene	23	J	50	18	ug/Kg	1	☼	8270E	Total/NA
Benzo[b]fluoranthene	42	J	50	15	ug/Kg	1	☼	8270E	Total/NA
Benzo[k]fluoranthene	16	J	50	13	ug/Kg	1	☼	8270E	Total/NA
Chrysene	34	J	50	18	ug/Kg	1	☼	8270E	Total/NA
Fluoranthene	61		50	18	ug/Kg	1	☼	8270E	Total/NA
Indeno[1,2,3-cd]pyrene	21	J	50	15	ug/Kg	1	☼	8270E	Total/NA
Phenanthrene	34	J	50	16	ug/Kg	1	☼	8270E	Total/NA
Pyrene	50		50	20	ug/Kg	1	☼	8270E	Total/NA
Arsenic	8.3		1.7	0.36	mg/Kg	1	☼	6010D	Total/NA
Barium	73	B	23	0.14	mg/Kg	1	☼	6010D	Total/NA
Cadmium	0.24	J	0.57	0.055	mg/Kg	1	☼	6010D	Total/NA
Chromium	12		1.1	0.39	mg/Kg	1	☼	6010D	Total/NA
Copper	14		2.9	0.80	mg/Kg	1	☼	6010D	Total/NA
Lead	19		1.1	0.32	mg/Kg	1	☼	6010D	Total/NA
Selenium	0.58	J	2.3	0.54	mg/Kg	1	☼	6010D	Total/NA
Zinc	230		5.7	4.2	mg/Kg	1	☼	6010D	Total/NA

This Detection Summary does not include radiochemical test results.

Client Sample ID: SB-30-2.0 (Continued)

Lab Sample ID: 240-212801-44

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Mercury	0.061	J	0.14	0.025	mg/Kg	1	☼	7471B	Total/NA
Cyanide, Total	24		6.7	5.3	mg/Kg	10	☼	9012B	Total/NA

Client Sample ID: SB-36-0

Lab Sample ID: 240-212801-45

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Anthracene	52	J	64	19	ug/Kg	1	☼	8270E	Total/NA
Benzo[a]anthracene	290		64	24	ug/Kg	1	☼	8270E	Total/NA
Benzo[a]pyrene	410		64	22	ug/Kg	1	☼	8270E	Total/NA
Benzo[b]fluoranthene	820		64	19	ug/Kg	1	☼	8270E	Total/NA
Benzo[g,h,i]perylene	460		64	43	ug/Kg	1	☼	8270E	Total/NA
Benzo[k]fluoranthene	260		64	16	ug/Kg	1	☼	8270E	Total/NA
Chrysene	630		64	22	ug/Kg	1	☼	8270E	Total/NA
Dibenz(a,h)anthracene	83		64	24	ug/Kg	1	☼	8270E	Total/NA
Fluoranthene	1200		64	22	ug/Kg	1	☼	8270E	Total/NA
Fluorene	22	J	64	22	ug/Kg	1	☼	8270E	Total/NA
Indeno[1,2,3-cd]pyrene	320		64	19	ug/Kg	1	☼	8270E	Total/NA
Naphthalene	42	J	64	21	ug/Kg	1	☼	8270E	Total/NA
Phenanthrene	370		64	21	ug/Kg	1	☼	8270E	Total/NA
Pyrene	870		64	25	ug/Kg	1	☼	8270E	Total/NA
Arsenic	8.1		2.3	0.48	mg/Kg	1	☼	6010D	Total/NA
Barium	74		31	0.19	mg/Kg	1	☼	6010D	Total/NA
Cadmium	0.43	J	0.77	0.074	mg/Kg	1	☼	6010D	Total/NA
Chromium	22		1.5	0.53	mg/Kg	1	☼	6010D	Total/NA
Lead	26		1.5	0.43	mg/Kg	1	☼	6010D	Total/NA
Zinc	20000		380	280	mg/Kg	50	☼	6010D	Total/NA
Mercury	0.035	J	0.18	0.032	mg/Kg	1	☼	7471B	Total/NA
Cyanide, Total	700		41	32	mg/Kg	50	☼	9012B	Total/NA

Client Sample ID: SB-36-0.5

Lab Sample ID: 240-212801-46

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Acenaphthene	22	J	57	20	ug/Kg	1	☼	8270E	Total/NA
Anthracene	50	J	57	17	ug/Kg	1	☼	8270E	Total/NA
Benzo[a]anthracene	300		57	21	ug/Kg	1	☼	8270E	Total/NA
Benzo[a]pyrene	370		57	20	ug/Kg	1	☼	8270E	Total/NA
Benzo[b]fluoranthene	780		57	17	ug/Kg	1	☼	8270E	Total/NA
Benzo[g,h,i]perylene	430		57	39	ug/Kg	1	☼	8270E	Total/NA
Benzo[k]fluoranthene	250		57	14	ug/Kg	1	☼	8270E	Total/NA
Chrysene	560		57	20	ug/Kg	1	☼	8270E	Total/NA
Dibenz(a,h)anthracene	78		57	21	ug/Kg	1	☼	8270E	Total/NA
Fluoranthene	1000		57	20	ug/Kg	1	☼	8270E	Total/NA
Fluorene	23	J	57	20	ug/Kg	1	☼	8270E	Total/NA
Indeno[1,2,3-cd]pyrene	320		57	17	ug/Kg	1	☼	8270E	Total/NA
Naphthalene	31	J	57	19	ug/Kg	1	☼	8270E	Total/NA
Phenanthrene	320		57	19	ug/Kg	1	☼	8270E	Total/NA
Pyrene	830		57	23	ug/Kg	1	☼	8270E	Total/NA
Arsenic	11		1.7	0.37	mg/Kg	1	☼	6010D	Total/NA
Barium	76		23	0.15	mg/Kg	1	☼	6010D	Total/NA
Cadmium	0.38	J	0.58	0.056	mg/Kg	1	☼	6010D	Total/NA
Chromium	20		1.2	0.40	mg/Kg	1	☼	6010D	Total/NA
Copper	31		2.9	0.82	mg/Kg	1	☼	6010D	Total/NA

This Detection Summary does not include radiochemical test results.

Client Sample ID: SB-36-0.5 (Continued)

Lab Sample ID: 240-212801-46

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Lead	27		1.2	0.33	mg/Kg	1	☼	6010D	Total/NA
Selenium	1.2	J	2.3	0.55	mg/Kg	1	☼	6010D	Total/NA
Zinc	810		5.8	4.2	mg/Kg	1	☼	6010D	Total/NA
Mercury	0.041	J	0.16	0.028	mg/Kg	1	☼	7471B	Total/NA
Cyanide, Total	6.5	J	6.6	5.2	mg/Kg	10	☼	9012B	Total/NA

Client Sample ID: SB-36-2.0

Lab Sample ID: 240-212801-47

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Benzo[a]anthracene	42	J	51	19	ug/Kg	1	☼	8270E	Total/NA
Benzo[a]pyrene	51		51	18	ug/Kg	1	☼	8270E	Total/NA
Benzo[b]fluoranthene	87		51	15	ug/Kg	1	☼	8270E	Total/NA
Benzo[g,h,i]perylene	65		51	34	ug/Kg	1	☼	8270E	Total/NA
Benzo[k]fluoranthene	40	J	51	13	ug/Kg	1	☼	8270E	Total/NA
Chrysene	66		51	18	ug/Kg	1	☼	8270E	Total/NA
Fluoranthene	120		51	18	ug/Kg	1	☼	8270E	Total/NA
Indeno[1,2,3-cd]pyrene	43	J	51	15	ug/Kg	1	☼	8270E	Total/NA
Naphthalene	23	J	51	17	ug/Kg	1	☼	8270E	Total/NA
Phenanthrene	52		51	17	ug/Kg	1	☼	8270E	Total/NA
Pyrene	96		51	20	ug/Kg	1	☼	8270E	Total/NA
Arsenic	7.5		1.6	0.33	mg/Kg	1	☼	6010D	Total/NA
Barium	75		21	0.13	mg/Kg	1	☼	6010D	Total/NA
Cadmium	0.23	J	0.52	0.050	mg/Kg	1	☼	6010D	Total/NA
Chromium	14		1.0	0.35	mg/Kg	1	☼	6010D	Total/NA
Copper	19		2.6	0.72	mg/Kg	1	☼	6010D	Total/NA
Lead	21		1.0	0.29	mg/Kg	1	☼	6010D	Total/NA
Selenium	0.65	J	2.1	0.49	mg/Kg	1	☼	6010D	Total/NA
Zinc	290		5.2	3.7	mg/Kg	1	☼	6010D	Total/NA
Mercury	0.059	J	0.13	0.023	mg/Kg	1	☼	7471B	Total/NA

Client Sample ID: SB-35-0

Lab Sample ID: 240-212801-48

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Anthracene	26	J	85	25	ug/Kg	1	☼	8270E	Total/NA
Benzo[a]anthracene	160		85	32	ug/Kg	1	☼	8270E	Total/NA
Benzo[a]pyrene	220		85	30	ug/Kg	1	☼	8270E	Total/NA
Benzo[b]fluoranthene	430		85	25	ug/Kg	1	☼	8270E	Total/NA
Benzo[g,h,i]perylene	220		85	57	ug/Kg	1	☼	8270E	Total/NA
Benzo[k]fluoranthene	160		85	21	ug/Kg	1	☼	8270E	Total/NA
Chrysene	340		85	30	ug/Kg	1	☼	8270E	Total/NA
Dibenz(a,h)anthracene	45	J	85	32	ug/Kg	1	☼	8270E	Total/NA
Fluoranthene	670		85	30	ug/Kg	1	☼	8270E	Total/NA
Indeno[1,2,3-cd]pyrene	170		85	25	ug/Kg	1	☼	8270E	Total/NA
Phenanthrene	210		85	28	ug/Kg	1	☼	8270E	Total/NA
Pyrene	470		85	34	ug/Kg	1	☼	8270E	Total/NA
Arsenic	6.9		3.1	0.65	mg/Kg	1	☼	6010D	Total/NA
Barium	93		41	0.26	mg/Kg	1	☼	6010D	Total/NA
Cadmium	0.52	J	1.0	0.098	mg/Kg	1	☼	6010D	Total/NA
Chromium	23		2.0	0.70	mg/Kg	1	☼	6010D	Total/NA
Lead	29		2.0	0.58	mg/Kg	1	☼	6010D	Total/NA
Zinc	21000		200	150	mg/Kg	20	☼	6010D	Total/NA
Mercury	0.069	J	0.23	0.041	mg/Kg	1	☼	7471B	Total/NA

This Detection Summary does not include radiochemical test results.

Client Sample ID: SB-35-0 (Continued)

Lab Sample ID: 240-212801-48

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Cyanide, Total	860		54	43	mg/Kg	50	☼	9012B	Total/NA

Client Sample ID: SB-35-0.5

Lab Sample ID: 240-212801-49

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Benzo[a]anthracene	100		82	31	ug/Kg	1	☼	8270E	Total/NA
Benzo[a]pyrene	110		82	29	ug/Kg	1	☼	8270E	Total/NA
Benzo[b]fluoranthene	220		82	25	ug/Kg	1	☼	8270E	Total/NA
Benzo[g,h,i]perylene	95		82	56	ug/Kg	1	☼	8270E	Total/NA
Benzo[k]fluoranthene	96		82	21	ug/Kg	1	☼	8270E	Total/NA
Chrysene	170		82	29	ug/Kg	1	☼	8270E	Total/NA
Fluoranthene	320		82	29	ug/Kg	1	☼	8270E	Total/NA
Indeno[1,2,3-cd]pyrene	79	J	82	25	ug/Kg	1	☼	8270E	Total/NA
Naphthalene	67	J	82	27	ug/Kg	1	☼	8270E	Total/NA
Phenanthrene	150		82	27	ug/Kg	1	☼	8270E	Total/NA
Pyrene	230		82	33	ug/Kg	1	☼	8270E	Total/NA
Arsenic	12		2.8	0.59	mg/Kg	1	☼	6010D	Total/NA
Barium	89		38	0.24	mg/Kg	1	☼	6010D	Total/NA
Cadmium	0.46	J	0.94	0.090	mg/Kg	1	☼	6010D	Total/NA
Chromium	31		1.9	0.65	mg/Kg	1	☼	6010D	Total/NA
Copper	37		4.7	1.3	mg/Kg	1	☼	6010D	Total/NA
Lead	32		1.9	0.53	mg/Kg	1	☼	6010D	Total/NA
Selenium	0.88	J	3.8	0.88	mg/Kg	1	☼	6010D	Total/NA
Zinc	1500		9.4	6.8	mg/Kg	1	☼	6010D	Total/NA
Mercury	0.070	J	0.19	0.034	mg/Kg	1	☼	7471B	Total/NA
Cyanide, Total	14		10	8.2	mg/Kg	10	☼	9012B	Total/NA

Client Sample ID: SB-35-2.0

Lab Sample ID: 240-212801-50

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Benzo[a]anthracene	28	J	67	25	ug/Kg	1	☼	8270E	Total/NA
Benzo[b]fluoranthene	74		67	20	ug/Kg	1	☼	8270E	Total/NA
Benzo[k]fluoranthene	22	J	67	17	ug/Kg	1	☼	8270E	Total/NA
Chrysene	44	J	67	24	ug/Kg	1	☼	8270E	Total/NA
Fluoranthene	82		67	24	ug/Kg	1	☼	8270E	Total/NA
Indeno[1,2,3-cd]pyrene	30	J	67	20	ug/Kg	1	☼	8270E	Total/NA
Phenanthrene	28	J	67	22	ug/Kg	1	☼	8270E	Total/NA
Pyrene	63	J	67	27	ug/Kg	1	☼	8270E	Total/NA
Arsenic	9.2		2.0	0.43	mg/Kg	1	☼	6010D	Total/NA
Barium	98		27	0.17	mg/Kg	1	☼	6010D	Total/NA
Cadmium	0.25	J	0.68	0.066	mg/Kg	1	☼	6010D	Total/NA
Chromium	20		1.4	0.47	mg/Kg	1	☼	6010D	Total/NA
Copper	13		3.4	0.96	mg/Kg	1	☼	6010D	Total/NA
Lead	24		1.4	0.39	mg/Kg	1	☼	6010D	Total/NA
Zinc	1200		6.8	4.9	mg/Kg	1	☼	6010D	Total/NA
Mercury	0.058	J	0.17	0.030	mg/Kg	1	☼	7471B	Total/NA
Cyanide, Total	8.5	J	9.1	7.2	mg/Kg	10	☼	9012B	Total/NA

Client Sample ID: EB-2-20241010

Lab Sample ID: 240-212801-55

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Barium	3.7	J B	200	1.3	ug/L	1		6010D	Total Recoverable

This Detection Summary does not include radiochemical test results.

Detection Summary

Client: August Mack Environmental, Inc.
Project/Site: MSC Canfield

Job ID: 240-212801-1

Client Sample ID: RB-2-20241010

Lab Sample ID: 240-212801-56

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Barium	3.2	J B	200	1.3	ug/L	1		6010D	Total Recoverable

This Detection Summary does not include radiochemical test results.

Client Sample ID: SB-23-0

Date Collected: 10/08/24 09:45
Date Received: 10/10/24 15:15

Lab Sample ID: 240-212801-1

Matrix: Solid
Percent Solids: 58.6

Method: SW846 8270E - Semivolatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acenaphthene	ND		68	24	ug/Kg	☼	10/11/24 08:58	10/14/24 09:59	1
Acenaphthylene	ND		68	26	ug/Kg	☼	10/11/24 08:58	10/14/24 09:59	1
Anthracene	**36**	**J**	68	20	ug/Kg	☼	10/11/24 08:58	10/14/24 09:59	1
Benzo[a]anthracene	**260**		68	26	ug/Kg	☼	10/11/24 08:58	10/14/24 09:59	1
Benzo[a]pyrene	**370**		68	24	ug/Kg	☼	10/11/24 08:58	10/14/24 09:59	1
Benzo[b]fluoranthene	**760**		68	20	ug/Kg	☼	10/11/24 08:58	10/14/24 09:59	1
Benzo[g,h,i]perylene	**430**		68	46	ug/Kg	☼	10/11/24 08:58	10/14/24 09:59	1
Benzo[k]fluoranthene	**260**		68	17	ug/Kg	☼	10/11/24 08:58	10/14/24 09:59	1
Chrysene	**530**		68	24	ug/Kg	☼	10/11/24 08:58	10/14/24 09:59	1
Dibenz(a,h)anthracene	**68**		68	26	ug/Kg	☼	10/11/24 08:58	10/14/24 09:59	1
Fluoranthene	**880**		68	24	ug/Kg	☼	10/11/24 08:58	10/14/24 09:59	1
Fluorene	ND		68	24	ug/Kg	☼	10/11/24 08:58	10/14/24 09:59	1
Indeno[1,2,3-cd]pyrene	**310**		68	20	ug/Kg	☼	10/11/24 08:58	10/14/24 09:59	1
Naphthalene	**53**	**J**	68	22	ug/Kg	☼	10/11/24 08:58	10/14/24 09:59	1
Phenanthrene	**280**		68	22	ug/Kg	☼	10/11/24 08:58	10/14/24 09:59	1
Pyrene	**670**		68	27	ug/Kg	☼	10/11/24 08:58	10/14/24 09:59	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2,4,6-Tribromophenol (Surr)	*61*		*10 - 120*	*10/11/24 08:58*	*10/14/24 09:59*	*1*
2-Fluorobiphenyl (Surr)	*67*		*36 - 120*	*10/11/24 08:58*	*10/14/24 09:59*	*1*
2-Fluorophenol (Surr)	*70*		*26 - 120*	*10/11/24 08:58*	*10/14/24 09:59*	*1*
Nitrobenzene-d5 (Surr)	*63*		*28 - 120*	*10/11/24 08:58*	*10/14/24 09:59*	*1*
Phenol-d5 (Surr)	*71*		*29 - 120*	*10/11/24 08:58*	*10/14/24 09:59*	*1*
Terphenyl-d14 (Surr)	*63*		*37 - 120*	*10/11/24 08:58*	*10/14/24 09:59*	*1*

Method: SW846 6010D - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	**11**		2.2	0.47	mg/Kg	☼	10/11/24 15:00	10/12/24 17:44	1
Barium	**84**	**B**	30	0.19	mg/Kg	☼	10/11/24 15:00	10/12/24 17:44	1
Cadmium	**0.26**	**J**	0.75	0.072	mg/Kg	☼	10/11/24 15:00	10/12/24 17:44	1
Chromium	**16**		1.5	0.51	mg/Kg	☼	10/11/24 15:00	10/12/24 17:44	1
Copper	**2.4**	**J**	3.7	1.0	mg/Kg	☼	10/11/24 15:00	10/12/24 17:44	1
Lead	**22**		1.5	0.42	mg/Kg	☼	10/11/24 15:00	10/12/24 17:44	1
Selenium	**1.2**	**J**	3.0	0.70	mg/Kg	☼	10/11/24 15:00	10/12/24 17:44	1
Silver	ND		1.5	0.12	mg/Kg	☼	10/11/24 15:00	10/12/24 17:44	1
Zinc	**9400**		75	54	mg/Kg	☼	10/11/24 15:00	10/14/24 23:59	10

Method: SW846 7471B - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	**0.065**	**J B**	0.17	0.031	mg/Kg	☼	10/11/24 15:00	10/14/24 11:57	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cyanide, Total (SW846 9012B)	**600**		48	38	mg/Kg	☼	10/14/24 10:17	10/14/24 14:35	50

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Solids (EPA Moisture)	**58.6**		0.1	0.1	%			10/11/24 11:51	1
Percent Moisture (EPA Moisture)	**41.4**		0.1	0.1	%			10/11/24 11:51	1

Client Sample ID: SB-23-0.5

Date Collected: 10/08/24 09:55
Date Received: 10/10/24 15:15

Lab Sample ID: 240-212801-2

Matrix: Solid
Percent Solids: 70.2

Method: SW846 8270E - Semivolatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acenaphthene	ND		57	20	ug/Kg	☼	10/11/24 08:58	10/14/24 10:23	1
Acenaphthylene	ND		57	21	ug/Kg	☼	10/11/24 08:58	10/14/24 10:23	1
Anthracene	**46**	**J**	57	17	ug/Kg	☼	10/11/24 08:58	10/14/24 10:23	1
Benzo[a]anthracene	**280**		57	21	ug/Kg	☼	10/11/24 08:58	10/14/24 10:23	1
Benzo[a]pyrene	**430**		57	20	ug/Kg	☼	10/11/24 08:58	10/14/24 10:23	1
Benzo[b]fluoranthene	**800**		57	17	ug/Kg	☼	10/11/24 08:58	10/14/24 10:23	1
Benzo[g,h,i]perylene	**510**		57	38	ug/Kg	☼	10/11/24 08:58	10/14/24 10:23	1
Benzo[k]fluoranthene	**260**		57	14	ug/Kg	☼	10/11/24 08:58	10/14/24 10:23	1
Chrysene	**540**		57	20	ug/Kg	☼	10/11/24 08:58	10/14/24 10:23	1
Dibenz(a,h)anthracene	**86**		57	21	ug/Kg	☼	10/11/24 08:58	10/14/24 10:23	1
Fluoranthene	**980**		57	20	ug/Kg	☼	10/11/24 08:58	10/14/24 10:23	1
Fluorene	ND		57	20	ug/Kg	☼	10/11/24 08:58	10/14/24 10:23	1
Indeno[1,2,3-cd]pyrene	**370**		57	17	ug/Kg	☼	10/11/24 08:58	10/14/24 10:23	1
Naphthalene	**46**	**J**	57	18	ug/Kg	☼	10/11/24 08:58	10/14/24 10:23	1
Phenanthrene	**320**		57	18	ug/Kg	☼	10/11/24 08:58	10/14/24 10:23	1
Pyrene	**750**		57	23	ug/Kg	☼	10/11/24 08:58	10/14/24 10:23	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2,4,6-Tribromophenol (Surr)	*74*		*10 - 120*	*10/11/24 08:58*	*10/14/24 10:23*	*1*
2-Fluorobiphenyl (Surr)	*70*		*36 - 120*	*10/11/24 08:58*	*10/14/24 10:23*	*1*
2-Fluorophenol (Surr)	*77*		*26 - 120*	*10/11/24 08:58*	*10/14/24 10:23*	*1*
Nitrobenzene-d5 (Surr)	*37*		*28 - 120*	*10/11/24 08:58*	*10/14/24 10:23*	*1*
Phenol-d5 (Surr)	*77*		*29 - 120*	*10/11/24 08:58*	*10/14/24 10:23*	*1*
Terphenyl-d14 (Surr)	*69*		*37 - 120*	*10/11/24 08:58*	*10/14/24 10:23*	*1*

Method: SW846 6010D - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	**12**		1.6	0.35	mg/Kg	☼	10/11/24 15:00	10/12/24 17:57	1
Barium	**40**	**B**	22	0.14	mg/Kg	☼	10/11/24 15:00	10/12/24 17:57	1
Cadmium	**0.19**	**J**	0.55	0.053	mg/Kg	☼	10/11/24 15:00	10/12/24 17:57	1
Chromium	**13**		1.1	0.38	mg/Kg	☼	10/11/24 15:00	10/12/24 17:57	1
Copper	**5.3**		2.7	0.77	mg/Kg	☼	10/11/24 15:00	10/12/24 17:57	1
Lead	**20**		1.1	0.31	mg/Kg	☼	10/11/24 15:00	10/12/24 17:57	1
Selenium	**0.67**	**J**	2.2	0.51	mg/Kg	☼	10/11/24 15:00	10/12/24 17:57	1
Silver	ND		1.1	0.089	mg/Kg	☼	10/11/24 15:00	10/12/24 17:57	1
Zinc	**2100**		5.5	4.0	mg/Kg	☼	10/11/24 15:00	10/12/24 17:57	1

Method: SW846 7471B - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	**0.058**	**J B**	0.15	0.027	mg/Kg	☼	10/11/24 15:00	10/14/24 11:59	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cyanide, Total (SW846 9012B)	**240**		39	31	mg/Kg	☼	10/14/24 10:17	10/14/24 14:40	50

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Solids (EPA Moisture)	**70.2**		0.1	0.1	%			10/11/24 11:51	1
Percent Moisture (EPA Moisture)	**29.8**		0.1	0.1	%			10/11/24 11:51	1

Client: August Mack Environmental, Inc.
Project/Site: MSC Canfield

Job ID: 240-212801-1

Client Sample ID: SB-23-2.0

Date Collected: 10/08/24 10:10
Date Received: 10/10/24 15:15

Lab Sample ID: 240-212801-3

Matrix: Solid
Percent Solids: 81.1

Method: SW846 8270E - Semivolatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acenaphthene	ND		49	17	ug/Kg	☼	10/11/24 08:58	10/11/24 13:11	1
Acenaphthylene	ND		49	18	ug/Kg	☼	10/11/24 08:58	10/11/24 13:11	1
Anthracene	ND		49	15	ug/Kg	☼	10/11/24 08:58	10/11/24 13:11	1
Benzo[a]anthracene	ND		49	18	ug/Kg	☼	10/11/24 08:58	10/11/24 13:11	1
Benzo[a]pyrene	ND		49	17	ug/Kg	☼	10/11/24 08:58	10/11/24 13:11	1
Benzo[b]fluoranthene	**28**	**J**	49	15	ug/Kg	☼	10/11/24 08:58	10/11/24 13:11	1
Benzo[g,h,i]perylene	ND		49	33	ug/Kg	☼	10/11/24 08:58	10/11/24 13:11	1
Benzo[k]fluoranthene	ND		49	12	ug/Kg	☼	10/11/24 08:58	10/11/24 13:11	1
Chrysene	**19**	**J**	49	17	ug/Kg	☼	10/11/24 08:58	10/11/24 13:11	1
Dibenz(a,h)anthracene	ND		49	18	ug/Kg	☼	10/11/24 08:58	10/11/24 13:11	1
Fluoranthene	**23**	**J**	49	17	ug/Kg	☼	10/11/24 08:58	10/11/24 13:11	1
Fluorene	ND		49	17	ug/Kg	☼	10/11/24 08:58	10/11/24 13:11	1
Indeno[1,2,3-cd]pyrene	ND		49	15	ug/Kg	☼	10/11/24 08:58	10/11/24 13:11	1
Naphthalene	ND		49	16	ug/Kg	☼	10/11/24 08:58	10/11/24 13:11	1
Phenanthrene	ND		49	16	ug/Kg	☼	10/11/24 08:58	10/11/24 13:11	1
Pyrene	**20**	**J**	49	20	ug/Kg	☼	10/11/24 08:58	10/11/24 13:11	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2,4,6-Tribromophenol (Surr)	*68*		*10 - 120*	*10/11/24 08:58*	*10/11/24 13:11*	*1*
2-Fluorobiphenyl (Surr)	*77*		*36 - 120*	*10/11/24 08:58*	*10/11/24 13:11*	*1*
2-Fluorophenol (Surr)	*81*		*26 - 120*	*10/11/24 08:58*	*10/11/24 13:11*	*1*
Nitrobenzene-d5 (Surr)	*70*		*28 - 120*	*10/11/24 08:58*	*10/11/24 13:11*	*1*
Phenol-d5 (Surr)	*80*		*29 - 120*	*10/11/24 08:58*	*10/11/24 13:11*	*1*
Terphenyl-d14 (Surr)	*89*		*37 - 120*	*10/11/24 08:58*	*10/11/24 13:11*	*1*

Method: SW846 6010D - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	**15**		1.4	0.30	mg/Kg	☼	10/11/24 15:00	10/12/24 18:02	1
Barium	**48**	**B**	19	0.12	mg/Kg	☼	10/11/24 15:00	10/12/24 18:02	1
Cadmium	**0.051**	**J**	0.47	0.045	mg/Kg	☼	10/11/24 15:00	10/12/24 18:02	1
Chromium	**17**		0.93	0.32	mg/Kg	☼	10/11/24 15:00	10/12/24 18:02	1
Copper	**17**		2.3	0.65	mg/Kg	☼	10/11/24 15:00	10/12/24 18:02	1
Lead	**13**		0.93	0.26	mg/Kg	☼	10/11/24 15:00	10/12/24 18:02	1
Selenium	ND		1.9	0.44	mg/Kg	☼	10/11/24 15:00	10/12/24 18:02	1
Silver	ND		0.93	0.076	mg/Kg	☼	10/11/24 15:00	10/12/24 18:02	1
Zinc	**260**		4.7	3.4	mg/Kg	☼	10/11/24 15:00	10/12/24 18:02	1

Method: SW846 7471B - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	**0.036**	**J B**	0.12	0.021	mg/Kg	☼	10/11/24 15:00	10/14/24 12:00	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cyanide, Total (SW846 9012B)	**87**		18	15	mg/Kg	☼	10/14/24 10:17	10/14/24 14:44	25

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Solids (EPA Moisture)	**81.1**		0.1	0.1	%			10/11/24 11:51	1
Percent Moisture (EPA Moisture)	**18.9**		0.1	0.1	%			10/11/24 11:51	1

Client: August Mack Environmental, Inc.
Project/Site: MSC Canfield

Job ID: 240-212801-1

Client Sample ID: DUP-9-2024 1008
Date Collected: 10/08/24 00:00
Date Received: 10/10/24 15:15

Lab Sample ID: 240-212801-4
Matrix: Solid
Percent Solids: 64.1

Method: SW846 8270E - Semivolatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acenaphthene	ND		62	22	ug/Kg	☼	10/11/24 08:58	10/14/24 10:47	1
Acenaphthylene	ND		62	23	ug/Kg	☼	10/11/24 08:58	10/14/24 10:47	1
Anthracene	**40**	**J**	62	19	ug/Kg	☼	10/11/24 08:58	10/14/24 10:47	1
Benzo[a]anthracene	**340**		62	23	ug/Kg	☼	10/11/24 08:58	10/14/24 10:47	1
Benzo[a]pyrene	**500**		62	22	ug/Kg	☼	10/11/24 08:58	10/14/24 10:47	1
Benzo[b]fluoranthene	**1100**		62	19	ug/Kg	☼	10/11/24 08:58	10/14/24 10:47	1
Benzo[g,h,i]perylene	**630**		62	42	ug/Kg	☼	10/11/24 08:58	10/14/24 10:47	1
Benzo[k]fluoranthene	**360**		62	16	ug/Kg	☼	10/11/24 08:58	10/14/24 10:47	1
Chrysene	**770**		62	22	ug/Kg	☼	10/11/24 08:58	10/14/24 10:47	1
Dibenz(a,h)anthracene	**110**		62	23	ug/Kg	☼	10/11/24 08:58	10/14/24 10:47	1
Fluoranthene	**1200**		62	22	ug/Kg	☼	10/11/24 08:58	10/14/24 10:47	1
Fluorene	ND		62	22	ug/Kg	☼	10/11/24 08:58	10/14/24 10:47	1
Indeno[1,2,3-cd]pyrene	**450**		62	19	ug/Kg	☼	10/11/24 08:58	10/14/24 10:47	1
Naphthalene	**79**		62	20	ug/Kg	☼	10/11/24 08:58	10/14/24 10:47	1
Phenanthrene	**330**		62	20	ug/Kg	☼	10/11/24 08:58	10/14/24 10:47	1
Pyrene	**920**		62	25	ug/Kg	☼	10/11/24 08:58	10/14/24 10:47	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2,4,6-Tribromophenol (Surr)	*67*		*10 - 120*	*10/11/24 08:58*	*10/14/24 10:47*	*1*
2-Fluorobiphenyl (Surr)	*77*		*36 - 120*	*10/11/24 08:58*	*10/14/24 10:47*	*1*
2-Fluorophenol (Surr)	*80*		*26 - 120*	*10/11/24 08:58*	*10/14/24 10:47*	*1*
Nitrobenzene-d5 (Surr)	*70*		*28 - 120*	*10/11/24 08:58*	*10/14/24 10:47*	*1*
Phenol-d5 (Surr)	*82*		*29 - 120*	*10/11/24 08:58*	*10/14/24 10:47*	*1*
Terphenyl-d14 (Surr)	*75*		*37 - 120*	*10/11/24 08:58*	*10/14/24 10:47*	*1*

Method: SW846 6010D - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	**10**		1.6	0.34	mg/Kg	☼	10/11/24 15:00	10/12/24 18:06	1
Barium	**67**	**B**	22	0.14	mg/Kg	☼	10/11/24 15:00	10/12/24 18:06	1
Cadmium	**0.34**	**J**	0.54	0.052	mg/Kg	☼	10/11/24 15:00	10/12/24 18:06	1
Chromium	**22**		1.1	0.37	mg/Kg	☼	10/11/24 15:00	10/12/24 18:06	1
Copper	**3.0**		2.7	0.76	mg/Kg	☼	10/11/24 15:00	10/12/24 18:06	1
Lead	**24**		1.1	0.31	mg/Kg	☼	10/11/24 15:00	10/12/24 18:06	1
Selenium	ND		2.2	0.51	mg/Kg	☼	10/11/24 15:00	10/12/24 18:06	1
Silver	ND		1.1	0.088	mg/Kg	☼	10/11/24 15:00	10/12/24 18:06	1
Zinc	**5700**		54	39	mg/Kg	☼	10/11/24 15:00	10/15/24 00:03	10

Method: SW846 7471B - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	**0.060**	**J B**	0.16	0.029	mg/Kg	☼	10/11/24 15:00	10/14/24 12:02	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cyanide, Total (SW846 9012B)	**820**		36	29	mg/Kg	☼	10/14/24 10:17	10/14/24 15:03	50

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Solids (EPA Moisture)	**64.1**		0.1	0.1	%			10/11/24 11:51	1
Percent Moisture (EPA Moisture)	**35.9**		0.1	0.1	%			10/11/24 11:51	1

Client Sample ID: SB-24-0

Date Collected: 10/08/24 10:25
Date Received: 10/10/24 15:15

Lab Sample ID: 240-212801-5

Matrix: Solid
Percent Solids: 62.0

Method: SW846 8270E - Semivolatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acenaphthene	ND		65	23	ug/Kg	☼	10/11/24 08:58	10/14/24 11:11	1
Acenaphthylene	**25**	**J**	65	24	ug/Kg	☼	10/11/24 08:58	10/14/24 11:11	1
Anthracene	**51**	**J**	65	19	ug/Kg	☼	10/11/24 08:58	10/14/24 11:11	1
Benzo[a]anthracene	**410**		65	24	ug/Kg	☼	10/11/24 08:58	10/14/24 11:11	1
Benzo[a]pyrene	**590**		65	23	ug/Kg	☼	10/11/24 08:58	10/14/24 11:11	1
Benzo[b]fluoranthene	**1300**		65	19	ug/Kg	☼	10/11/24 08:58	10/14/24 11:11	1
Benzo[g,h,i]perylene	**750**		65	44	ug/Kg	☼	10/11/24 08:58	10/14/24 11:11	1
Benzo[k]fluoranthene	**490**		65	16	ug/Kg	☼	10/11/24 08:58	10/14/24 11:11	1
Chrysene	**940**		65	23	ug/Kg	☼	10/11/24 08:58	10/14/24 11:11	1
Dibenz(a,h)anthracene	**140**		65	24	ug/Kg	☼	10/11/24 08:58	10/14/24 11:11	1
Fluoranthene	**1300**		65	23	ug/Kg	☼	10/11/24 08:58	10/14/24 11:11	1
Fluorene	ND		65	23	ug/Kg	☼	10/11/24 08:58	10/14/24 11:11	1
Indeno[1,2,3-cd]pyrene	**560**		65	19	ug/Kg	☼	10/11/24 08:58	10/14/24 11:11	1
Naphthalene	**84**		65	21	ug/Kg	☼	10/11/24 08:58	10/14/24 11:11	1
Phenanthrene	**360**		65	21	ug/Kg	☼	10/11/24 08:58	10/14/24 11:11	1
Pyrene	**1000**		65	26	ug/Kg	☼	10/11/24 08:58	10/14/24 11:11	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2,4,6-Tribromophenol (Surr)	*70*		*10 - 120*	*10/11/24 08:58*	*10/14/24 11:11*	*1*
2-Fluorobiphenyl (Surr)	*75*		*36 - 120*	*10/11/24 08:58*	*10/14/24 11:11*	*1*
2-Fluorophenol (Surr)	*79*		*26 - 120*	*10/11/24 08:58*	*10/14/24 11:11*	*1*
Nitrobenzene-d5 (Surr)	*65*		*28 - 120*	*10/11/24 08:58*	*10/14/24 11:11*	*1*
Phenol-d5 (Surr)	*82*		*29 - 120*	*10/11/24 08:58*	*10/14/24 11:11*	*1*
Terphenyl-d14 (Surr)	*74*		*37 - 120*	*10/11/24 08:58*	*10/14/24 11:11*	*1*

Method: SW846 6010D - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	**7.8**		2.1	0.44	mg/Kg	☼	10/11/24 15:00	10/12/24 18:11	1
Barium	**82**	**B**	28	0.18	mg/Kg	☼	10/11/24 15:00	10/12/24 18:11	1
Cadmium	**0.31**	**J**	0.70	0.067	mg/Kg	☼	10/11/24 15:00	10/12/24 18:11	1
Chromium	**16**		1.4	0.48	mg/Kg	☼	10/11/24 15:00	10/12/24 18:11	1
Copper	ND		3.5	0.98	mg/Kg	☼	10/11/24 15:00	10/12/24 18:11	1
Lead	**22**		1.4	0.39	mg/Kg	☼	10/11/24 15:00	10/12/24 18:11	1
Selenium	ND		2.8	0.65	mg/Kg	☼	10/11/24 15:00	10/12/24 18:11	1
Silver	ND		1.4	0.11	mg/Kg	☼	10/11/24 15:00	10/12/24 18:11	1
Zinc	**24000**		350	250	mg/Kg	☼	10/11/24 15:00	10/15/24 00:08	50

Method: SW846 7471B - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	**0.043**	**J B**	0.16	0.029	mg/Kg	☼	10/11/24 15:00	10/14/24 12:04	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cyanide, Total (SW846 9012B)	**940**		50	40	mg/Kg	☼	10/14/24 10:17	10/14/24 15:08	50

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Solids (EPA Moisture)	**62.0**		0.1	0.1	%			10/11/24 11:51	1
Percent Moisture (EPA Moisture)	**38.0**		0.1	0.1	%			10/11/24 11:51	1

Client Sample ID: SB-24-0.5

Date Collected: 10/08/24 10:35
Date Received: 10/10/24 15:15

Lab Sample ID: 240-212801-6

Matrix: Solid
Percent Solids: 68.6

Method: SW846 8270E - Semivolatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acenaphthene	ND		57	20	ug/Kg	☼	10/11/24 08:58	10/14/24 11:35	1
Acenaphthylene	ND		57	21	ug/Kg	☼	10/11/24 08:58	10/14/24 11:35	1
Anthracene	**27**	**J**	57	17	ug/Kg	☼	10/11/24 08:58	10/14/24 11:35	1
Benzo[a]anthracene	**110**		57	21	ug/Kg	☼	10/11/24 08:58	10/14/24 11:35	1
Benzo[a]pyrene	**130**		57	20	ug/Kg	☼	10/11/24 08:58	10/14/24 11:35	1
Benzo[b]fluoranthene	**250**		57	17	ug/Kg	☼	10/11/24 08:58	10/14/24 11:35	1
Benzo[g,h,i]perylene	**120**		57	38	ug/Kg	☼	10/11/24 08:58	10/14/24 11:35	1
Benzo[k]fluoranthene	**76**		57	14	ug/Kg	☼	10/11/24 08:58	10/14/24 11:35	1
Chrysene	**160**		57	20	ug/Kg	☼	10/11/24 08:58	10/14/24 11:35	1
Dibenz(a,h)anthracene	**27**	**J**	57	21	ug/Kg	☼	10/11/24 08:58	10/14/24 11:35	1
Fluoranthene	**330**		57	20	ug/Kg	☼	10/11/24 08:58	10/14/24 11:35	1
Fluorene	ND		57	20	ug/Kg	☼	10/11/24 08:58	10/14/24 11:35	1
Indeno[1,2,3-cd]pyrene	**100**		57	17	ug/Kg	☼	10/11/24 08:58	10/14/24 11:35	1
Naphthalene	**19**	**J**	57	18	ug/Kg	☼	10/11/24 08:58	10/14/24 11:35	1
Phenanthrene	**130**		57	18	ug/Kg	☼	10/11/24 08:58	10/14/24 11:35	1
Pyrene	**280**		57	23	ug/Kg	☼	10/11/24 08:58	10/14/24 11:35	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2,4,6-Tribromophenol (Surr)	*83*		*10 - 120*	*10/11/24 08:58*	*10/14/24 11:35*	*1*
2-Fluorobiphenyl (Surr)	*69*		*36 - 120*	*10/11/24 08:58*	*10/14/24 11:35*	*1*
2-Fluorophenol (Surr)	*69*		*26 - 120*	*10/11/24 08:58*	*10/14/24 11:35*	*1*
Nitrobenzene-d5 (Surr)	*59*		*28 - 120*	*10/11/24 08:58*	*10/14/24 11:35*	*1*
Phenol-d5 (Surr)	*71*		*29 - 120*	*10/11/24 08:58*	*10/14/24 11:35*	*1*
Terphenyl-d14 (Surr)	*65*		*37 - 120*	*10/11/24 08:58*	*10/14/24 11:35*	*1*

Method: SW846 6010D - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	**10**		1.9	0.40	mg/Kg	☼	10/11/24 15:00	10/12/24 18:15	1
Barium	**78**	**B**	26	0.16	mg/Kg	☼	10/11/24 15:00	10/12/24 18:15	1
Cadmium	**0.52**	**J**	0.64	0.061	mg/Kg	☼	10/11/24 15:00	10/12/24 18:15	1
Chromium	**25**		1.3	0.44	mg/Kg	☼	10/11/24 15:00	10/12/24 18:15	1
Copper	**31**		3.2	0.90	mg/Kg	☼	10/11/24 15:00	10/12/24 18:15	1
Lead	**36**		1.3	0.36	mg/Kg	☼	10/11/24 15:00	10/12/24 18:15	1
Selenium	**1.2**	**J**	2.6	0.60	mg/Kg	☼	10/11/24 15:00	10/12/24 18:15	1
Silver	ND		1.3	0.10	mg/Kg	☼	10/11/24 15:00	10/12/24 18:15	1
Zinc	**620**		6.4	4.6	mg/Kg	☼	10/11/24 15:00	10/12/24 18:15	1

Method: SW846 7471B - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	**0.069**	**J B**	0.16	0.028	mg/Kg	☼	10/11/24 15:00	10/14/24 12:05	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cyanide, Total (SW846 9012B)	**24**		18	14	mg/Kg	☼	10/14/24 10:17	10/14/24 15:12	25

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Solids (EPA Moisture)	**68.6**		0.1	0.1	%			10/11/24 11:51	1
Percent Moisture (EPA Moisture)	**31.4**		0.1	0.1	%			10/11/24 11:51	1

Client: August Mack Environmental, Inc.
Project/Site: MSC Canfield

Job ID: 240-212801-1

Client Sample ID: SB-24-2.0
Date Collected: 10/08/24 10:45
Date Received: 10/10/24 15:15

Lab Sample ID: 240-212801-7
Matrix: Solid
Percent Solids: 79.0

Method: SW846 8270E - Semivolatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acenaphthene	ND		50	18	ug/Kg	☼	10/11/24 08:58	10/11/24 13:35	1
Acenaphthylene	ND		50	19	ug/Kg	☼	10/11/24 08:58	10/11/24 13:35	1
Anthracene	ND		50	15	ug/Kg	☼	10/11/24 08:58	10/11/24 13:35	1
Benzo[a]anthracene	ND		50	19	ug/Kg	☼	10/11/24 08:58	10/11/24 13:35	1
Benzo[a]pyrene	ND		50	18	ug/Kg	☼	10/11/24 08:58	10/11/24 13:35	1
Benzo[b]fluoranthene	**26**	**J**	50	15	ug/Kg	☼	10/11/24 08:58	10/11/24 13:35	1
Benzo[g,h,i]perylene	ND		50	34	ug/Kg	☼	10/11/24 08:58	10/11/24 13:35	1
Benzo[k]fluoranthene	ND		50	13	ug/Kg	☼	10/11/24 08:58	10/11/24 13:35	1
Chrysene	**23**	**J**	50	18	ug/Kg	☼	10/11/24 08:58	10/11/24 13:35	1
Dibenz(a,h)anthracene	ND		50	19	ug/Kg	☼	10/11/24 08:58	10/11/24 13:35	1
Fluoranthene	**40**	**J**	50	18	ug/Kg	☼	10/11/24 08:58	10/11/24 13:35	1
Fluorene	ND		50	18	ug/Kg	☼	10/11/24 08:58	10/11/24 13:35	1
Indeno[1,2,3-cd]pyrene	ND		50	15	ug/Kg	☼	10/11/24 08:58	10/11/24 13:35	1
Naphthalene	ND		50	16	ug/Kg	☼	10/11/24 08:58	10/11/24 13:35	1
Phenanthrene	**24**	**J**	50	16	ug/Kg	☼	10/11/24 08:58	10/11/24 13:35	1
Pyrene	**34**	**J**	50	20	ug/Kg	☼	10/11/24 08:58	10/11/24 13:35	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2,4,6-Tribromophenol (Surr)	*81*		*10 - 120*	*10/11/24 08:58*	*10/11/24 13:35*	*1*
2-Fluorobiphenyl (Surr)	*78*		*36 - 120*	*10/11/24 08:58*	*10/11/24 13:35*	*1*
2-Fluorophenol (Surr)	*84*		*26 - 120*	*10/11/24 08:58*	*10/11/24 13:35*	*1*
Nitrobenzene-d5 (Surr)	*63*		*28 - 120*	*10/11/24 08:58*	*10/11/24 13:35*	*1*
Phenol-d5 (Surr)	*83*		*29 - 120*	*10/11/24 08:58*	*10/11/24 13:35*	*1*
Terphenyl-d14 (Surr)	*80*		*37 - 120*	*10/11/24 08:58*	*10/11/24 13:35*	*1*

Method: SW846 6010D - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	**7.6**		1.7	0.36	mg/Kg	☼	10/11/24 15:00	10/12/24 18:20	1
Barium	**92**	**B**	23	0.14	mg/Kg	☼	10/11/24 15:00	10/12/24 18:20	1
Cadmium	**0.12**	**J**	0.58	0.055	mg/Kg	☼	10/11/24 15:00	10/12/24 18:20	1
Chromium	**12**		1.2	0.39	mg/Kg	☼	10/11/24 15:00	10/12/24 18:20	1
Copper	**10**		2.9	0.81	mg/Kg	☼	10/11/24 15:00	10/12/24 18:20	1
Lead	**10**		1.2	0.32	mg/Kg	☼	10/11/24 15:00	10/12/24 18:20	1
Selenium	ND		2.3	0.54	mg/Kg	☼	10/11/24 15:00	10/12/24 18:20	1
Silver	ND		1.2	0.093	mg/Kg	☼	10/11/24 15:00	10/12/24 18:20	1
Zinc	**150**		5.8	4.2	mg/Kg	☼	10/11/24 15:00	10/12/24 18:20	1

Method: SW846 7471B - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	**0.053**	**J B**	0.13	0.023	mg/Kg	☼	10/11/24 15:00	10/14/24 12:07	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cyanide, Total (SW846 9012B)	**30**		14	11	mg/Kg	☼	10/14/24 10:17	10/14/24 15:16	25

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Solids (EPA Moisture)	**79.0**		0.1	0.1	%			10/11/24 11:51	1
Percent Moisture (EPA Moisture)	**21.0**		0.1	0.1	%			10/11/24 11:51	1

Client Sample ID: SB-25-0

Date Collected: 10/08/24 11:35
Date Received: 10/10/24 15:15

Lab Sample ID: 240-212801-8

Matrix: Solid
Percent Solids: 34.0

Method: SW846 8270E - Semivolatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acenaphthene	ND		120	41	ug/Kg	☼	10/11/24 08:58	10/14/24 11:59	1
Acenaphthylene	ND		120	44	ug/Kg	☼	10/11/24 08:58	10/14/24 11:59	1
Anthracene	ND		120	35	ug/Kg	☼	10/11/24 08:58	10/14/24 11:59	1
Benzo[a]anthracene	**240**		120	44	ug/Kg	☼	10/11/24 08:58	10/14/24 11:59	1
Benzo[a]pyrene	**350**		120	41	ug/Kg	☼	10/11/24 08:58	10/14/24 11:59	1
Benzo[b]fluoranthene	**690**		120	35	ug/Kg	☼	10/11/24 08:58	10/14/24 11:59	1
Benzo[g,h,i]perylene	**380**		120	79	ug/Kg	☼	10/11/24 08:58	10/14/24 11:59	1
Benzo[k]fluoranthene	**230**		120	29	ug/Kg	☼	10/11/24 08:58	10/14/24 11:59	1
Chrysene	**490**		120	41	ug/Kg	☼	10/11/24 08:58	10/14/24 11:59	1
Dibenz(a,h)anthracene	**69**	**J**	120	44	ug/Kg	☼	10/11/24 08:58	10/14/24 11:59	1
Fluoranthene	**840**		120	41	ug/Kg	☼	10/11/24 08:58	10/14/24 11:59	1
Fluorene	ND		120	41	ug/Kg	☼	10/11/24 08:58	10/14/24 11:59	1
Indeno[1,2,3-cd]pyrene	**270**		120	35	ug/Kg	☼	10/11/24 08:58	10/14/24 11:59	1
Naphthalene	ND		120	38	ug/Kg	☼	10/11/24 08:58	10/14/24 11:59	1
Phenanthrene	**260**		120	38	ug/Kg	☼	10/11/24 08:58	10/14/24 11:59	1
Pyrene	**660**		120	47	ug/Kg	☼	10/11/24 08:58	10/14/24 11:59	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2,4,6-Tribromophenol (Surr)	*85*		*10 - 120*	*10/11/24 08:58*	*10/14/24 11:59*	*1*
2-Fluorobiphenyl (Surr)	*72*		*36 - 120*	*10/11/24 08:58*	*10/14/24 11:59*	*1*
2-Fluorophenol (Surr)	*79*		*26 - 120*	*10/11/24 08:58*	*10/14/24 11:59*	*1*
Nitrobenzene-d5 (Surr)	*66*		*28 - 120*	*10/11/24 08:58*	*10/14/24 11:59*	*1*
Phenol-d5 (Surr)	*79*		*29 - 120*	*10/11/24 08:58*	*10/14/24 11:59*	*1*
Terphenyl-d14 (Surr)	*67*		*37 - 120*	*10/11/24 08:58*	*10/14/24 11:59*	*1*

Method: SW846 6010D - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	**17**		3.4	0.71	mg/Kg	☼	10/11/24 15:00	10/12/24 18:24	1
Barium	**130**	**B**	45	0.28	mg/Kg	☼	10/11/24 15:00	10/12/24 18:24	1
Cadmium	**0.52**	**J**	1.1	0.11	mg/Kg	☼	10/11/24 15:00	10/12/24 18:24	1
Chromium	**29**		2.3	0.78	mg/Kg	☼	10/11/24 15:00	10/12/24 18:24	1
Copper	**2.7**	**J**	5.6	1.6	mg/Kg	☼	10/11/24 15:00	10/12/24 18:24	1
Lead	**28**		2.3	0.64	mg/Kg	☼	10/11/24 15:00	10/12/24 18:24	1
Selenium	ND		4.5	1.1	mg/Kg	☼	10/11/24 15:00	10/12/24 18:24	1
Silver	ND		2.3	0.18	mg/Kg	☼	10/11/24 15:00	10/12/24 18:24	1
Zinc	**16000**		110	82	mg/Kg	☼	10/11/24 15:00	10/15/24 00:12	10

Method: SW846 7471B - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	**0.079**	**J B**	0.32	0.058	mg/Kg	☼	10/11/24 15:00	10/14/24 12:09	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cyanide, Total (SW846 9012B)	**860**		71	56	mg/Kg	☼	10/14/24 10:17	10/14/24 15:21	50

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Solids (EPA Moisture)	**34.0**		0.1	0.1	%			10/11/24 11:51	1
Percent Moisture (EPA Moisture)	**66.0**		0.1	0.1	%			10/11/24 11:51	1

Client: August Mack Environmental, Inc.
Project/Site: MSC Canfield

Job ID: 240-212801-1

Client Sample ID: SB-25-0.5
Date Collected: 10/08/24 11:45
Date Received: 10/10/24 15:15

Lab Sample ID: 240-212801-9
Matrix: Solid
Percent Solids: 51.2

Method: SW846 8270E - Semivolatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acenaphthene	ND		78	27	ug/Kg	☼	10/11/24 08:58	10/11/24 13:59	1
Acenaphthylene	ND		78	29	ug/Kg	☼	10/11/24 08:58	10/11/24 13:59	1
Anthracene	ND		78	23	ug/Kg	☼	10/11/24 08:58	10/11/24 13:59	1
Benzo[a]anthracene	**73**	**J**	78	29	ug/Kg	☼	10/11/24 08:58	10/11/24 13:59	1
Benzo[a]pyrene	**100**		78	27	ug/Kg	☼	10/11/24 08:58	10/11/24 13:59	1
Benzo[b]fluoranthene	**200**		78	23	ug/Kg	☼	10/11/24 08:58	10/11/24 13:59	1
Benzo[g,h,i]perylene	**120**		78	53	ug/Kg	☼	10/11/24 08:58	10/11/24 13:59	1
Benzo[k]fluoranthene	**79**		78	20	ug/Kg	☼	10/11/24 08:58	10/11/24 13:59	1
Chrysene	**160**		78	27	ug/Kg	☼	10/11/24 08:58	10/11/24 13:59	1
Dibenz(a,h)anthracene	ND		78	29	ug/Kg	☼	10/11/24 08:58	10/11/24 13:59	1
Fluoranthene	**240**		78	27	ug/Kg	☼	10/11/24 08:58	10/11/24 13:59	1
Fluorene	ND		78	27	ug/Kg	☼	10/11/24 08:58	10/11/24 13:59	1
Indeno[1,2,3-cd]pyrene	**79**		78	23	ug/Kg	☼	10/11/24 08:58	10/11/24 13:59	1
Naphthalene	ND		78	25	ug/Kg	☼	10/11/24 08:58	10/11/24 13:59	1
Phenanthrene	**82**		78	25	ug/Kg	☼	10/11/24 08:58	10/11/24 13:59	1
Pyrene	**220**		78	31	ug/Kg	☼	10/11/24 08:58	10/11/24 13:59	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2,4,6-Tribromophenol (Surr)	*84*		*10 - 120*	*10/11/24 08:58*	*10/11/24 13:59*	*1*
2-Fluorobiphenyl (Surr)	*80*		*36 - 120*	*10/11/24 08:58*	*10/11/24 13:59*	*1*
2-Fluorophenol (Surr)	*84*		*26 - 120*	*10/11/24 08:58*	*10/11/24 13:59*	*1*
Nitrobenzene-d5 (Surr)	*74*		*28 - 120*	*10/11/24 08:58*	*10/11/24 13:59*	*1*
Phenol-d5 (Surr)	*84*		*29 - 120*	*10/11/24 08:58*	*10/11/24 13:59*	*1*
Terphenyl-d14 (Surr)	*80*		*37 - 120*	*10/11/24 08:58*	*10/11/24 13:59*	*1*

Method: SW846 6010D - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	**9.8**		2.5	0.52	mg/Kg	☼	10/11/24 15:00	10/12/24 18:28	1
Barium	**100**	**B**	33	0.21	mg/Kg	☼	10/11/24 15:00	10/12/24 18:28	1
Cadmium	**0.50**	**J**	0.83	0.079	mg/Kg	☼	10/11/24 15:00	10/12/24 18:28	1
Chromium	**25**		1.7	0.57	mg/Kg	☼	10/11/24 15:00	10/12/24 18:28	1
Copper	**25**		4.1	1.2	mg/Kg	☼	10/11/24 15:00	10/12/24 18:28	1
Lead	**40**		1.7	0.47	mg/Kg	☼	10/11/24 15:00	10/12/24 18:28	1
Selenium	**0.91**	**J**	3.3	0.78	mg/Kg	☼	10/11/24 15:00	10/12/24 18:28	1
Silver	ND		1.7	0.13	mg/Kg	☼	10/11/24 15:00	10/12/24 18:28	1
Zinc	**380**		8.3	6.0	mg/Kg	☼	10/11/24 15:00	10/12/24 18:28	1

Method: SW846 7471B - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	**0.10**	**J B**	0.18	0.033	mg/Kg	☼	10/11/24 15:00	10/14/24 12:11	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cyanide, Total (SW846 9012B)	**74**		28	22	mg/Kg	☼	10/14/24 10:17	10/14/24 15:36	25

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Solids (EPA Moisture)	**51.2**		0.1	0.1	%			10/11/24 11:51	1
Percent Moisture (EPA Moisture)	**48.8**		0.1	0.1	%			10/11/24 11:51	1

Client: August Mack Environmental, Inc.
Project/Site: MSC Canfield

Job ID: 240-212801-1

Client Sample ID: SB-25-2.0
Date Collected: 10/08/24 12:00
Date Received: 10/10/24 15:15

Lab Sample ID: 240-212801-10
Matrix: Solid
Percent Solids: 78.4

Method: SW846 8270E - Semivolatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acenaphthene	ND		50	17	ug/Kg	☼	10/11/24 08:58	10/11/24 14:23	1
Acenaphthylene	ND		50	19	ug/Kg	☼	10/11/24 08:58	10/11/24 14:23	1
Anthracene	ND		50	15	ug/Kg	☼	10/11/24 08:58	10/11/24 14:23	1
Benzo[a]anthracene	ND		50	19	ug/Kg	☼	10/11/24 08:58	10/11/24 14:23	1
Benzo[a]pyrene	ND		50	17	ug/Kg	☼	10/11/24 08:58	10/11/24 14:23	1
Benzo[b]fluoranthene	ND		50	15	ug/Kg	☼	10/11/24 08:58	10/11/24 14:23	1
Benzo[g,h,i]perylene	ND		50	34	ug/Kg	☼	10/11/24 08:58	10/11/24 14:23	1
Benzo[k]fluoranthene	ND		50	12	ug/Kg	☼	10/11/24 08:58	10/11/24 14:23	1
Chrysene	ND		50	17	ug/Kg	☼	10/11/24 08:58	10/11/24 14:23	1
Dibenz(a,h)anthracene	ND		50	19	ug/Kg	☼	10/11/24 08:58	10/11/24 14:23	1
Fluoranthene	ND		50	17	ug/Kg	☼	10/11/24 08:58	10/11/24 14:23	1
Fluorene	ND		50	17	ug/Kg	☼	10/11/24 08:58	10/11/24 14:23	1
Indeno[1,2,3-cd]pyrene	ND		50	15	ug/Kg	☼	10/11/24 08:58	10/11/24 14:23	1
Naphthalene	ND		50	16	ug/Kg	☼	10/11/24 08:58	10/11/24 14:23	1
Phenanthrene	ND		50	16	ug/Kg	☼	10/11/24 08:58	10/11/24 14:23	1
Pyrene	ND		50	20	ug/Kg	☼	10/11/24 08:58	10/11/24 14:23	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2,4,6-Tribromophenol (Surr)	*80*		*10 - 120*	*10/11/24 08:58*	*10/11/24 14:23*	*1*
2-Fluorobiphenyl (Surr)	*73*		*36 - 120*	*10/11/24 08:58*	*10/11/24 14:23*	*1*
2-Fluorophenol (Surr)	*79*		*26 - 120*	*10/11/24 08:58*	*10/11/24 14:23*	*1*
Nitrobenzene-d5 (Surr)	*65*		*28 - 120*	*10/11/24 08:58*	*10/11/24 14:23*	*1*
Phenol-d5 (Surr)	*79*		*29 - 120*	*10/11/24 08:58*	*10/11/24 14:23*	*1*
Terphenyl-d14 (Surr)	*85*		*37 - 120*	*10/11/24 08:58*	*10/11/24 14:23*	*1*

Method: SW846 6010D - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	**4.1**		1.4	0.30	mg/Kg	☼	10/11/24 15:00	10/12/24 18:33	1
Barium	**81**	**B**	19	0.12	mg/Kg	☼	10/11/24 15:00	10/12/24 18:33	1
Cadmium	**0.048**	**J**	0.48	0.046	mg/Kg	☼	10/11/24 15:00	10/12/24 18:33	1
Chromium	**11**		0.95	0.33	mg/Kg	☼	10/11/24 15:00	10/12/24 18:33	1
Copper	**6.0**		2.4	0.67	mg/Kg	☼	10/11/24 15:00	10/12/24 18:33	1
Lead	**9.4**		0.95	0.27	mg/Kg	☼	10/11/24 15:00	10/12/24 18:33	1
Selenium	ND		1.9	0.45	mg/Kg	☼	10/11/24 15:00	10/12/24 18:33	1
Silver	ND		0.95	0.077	mg/Kg	☼	10/11/24 15:00	10/12/24 18:33	1
Zinc	**81**		4.8	3.4	mg/Kg	☼	10/11/24 15:00	10/12/24 18:33	1

Method: SW846 7471B - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	**0.038**	**J B**	0.13	0.023	mg/Kg	☼	10/11/24 15:00	10/14/24 12:12	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cyanide, Total (SW846 9012B)	**22**		7.2	5.8	mg/Kg	☼	10/14/24 11:27	10/14/24 16:34	10

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Solids (EPA Moisture)	**78.4**		0.1	0.1	%			10/11/24 11:51	1
Percent Moisture (EPA Moisture)	**21.6**		0.1	0.1	%			10/11/24 11:51	1

Client: August Mack Environmental, Inc.
Project/Site: MSC Canfield

Job ID: 240-212801-1

Client Sample ID: SB-26-2.0

Date Collected: 10/08/24 12:30
Date Received: 10/10/24 15:15

Lab Sample ID: 240-212801-11

Matrix: Solid
Percent Solids: 80.3

Method: SW846 8270E - Semivolatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acenaphthene	ND		50	18	ug/Kg	☼	10/11/24 08:58	10/11/24 14:47	1
Acenaphthylene	ND		50	19	ug/Kg	☼	10/11/24 08:58	10/11/24 14:47	1
Anthracene	ND		50	15	ug/Kg	☼	10/11/24 08:58	10/11/24 14:47	1
Benzo[a]anthracene	ND		50	19	ug/Kg	☼	10/11/24 08:58	10/11/24 14:47	1
Benzo[a]pyrene	ND		50	18	ug/Kg	☼	10/11/24 08:58	10/11/24 14:47	1
Benzo[b]fluoranthene	ND		50	15	ug/Kg	☼	10/11/24 08:58	10/11/24 14:47	1
Benzo[g,h,i]perylene	ND		50	34	ug/Kg	☼	10/11/24 08:58	10/11/24 14:47	1
Benzo[k]fluoranthene	ND		50	13	ug/Kg	☼	10/11/24 08:58	10/11/24 14:47	1
Chrysene	ND		50	18	ug/Kg	☼	10/11/24 08:58	10/11/24 14:47	1
Dibenz(a,h)anthracene	ND		50	19	ug/Kg	☼	10/11/24 08:58	10/11/24 14:47	1
Fluoranthene	ND		50	18	ug/Kg	☼	10/11/24 08:58	10/11/24 14:47	1
Fluorene	ND		50	18	ug/Kg	☼	10/11/24 08:58	10/11/24 14:47	1
Indeno[1,2,3-cd]pyrene	ND		50	15	ug/Kg	☼	10/11/24 08:58	10/11/24 14:47	1
Naphthalene	ND		50	16	ug/Kg	☼	10/11/24 08:58	10/11/24 14:47	1
Phenanthrene	ND		50	16	ug/Kg	☼	10/11/24 08:58	10/11/24 14:47	1
Pyrene	ND		50	20	ug/Kg	☼	10/11/24 08:58	10/11/24 14:47	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2,4,6-Tribromophenol (Surr)	*75*		*10 - 120*	*10/11/24 08:58*	*10/11/24 14:47*	*1*
2-Fluorobiphenyl (Surr)	*74*		*36 - 120*	*10/11/24 08:58*	*10/11/24 14:47*	*1*
2-Fluorophenol (Surr)	*80*		*26 - 120*	*10/11/24 08:58*	*10/11/24 14:47*	*1*
Nitrobenzene-d5 (Surr)	*63*		*28 - 120*	*10/11/24 08:58*	*10/11/24 14:47*	*1*
Phenol-d5 (Surr)	*79*		*29 - 120*	*10/11/24 08:58*	*10/11/24 14:47*	*1*
Terphenyl-d14 (Surr)	*84*		*37 - 120*	*10/11/24 08:58*	*10/11/24 14:47*	*1*

Method: SW846 6010D - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	**7.8**		1.6	0.34	mg/Kg	☼	10/11/24 15:00	10/12/24 18:37	1
Barium	**74**	**B**	21	0.14	mg/Kg	☼	10/11/24 15:00	10/12/24 18:37	1
Cadmium	**0.10**	**J**	0.54	0.052	mg/Kg	☼	10/11/24 15:00	10/12/24 18:37	1
Chromium	**10**		1.1	0.37	mg/Kg	☼	10/11/24 15:00	10/12/24 18:37	1
Copper	**8.3**		2.7	0.75	mg/Kg	☼	10/11/24 15:00	10/12/24 18:37	1
Lead	**9.9**		1.1	0.30	mg/Kg	☼	10/11/24 15:00	10/12/24 18:37	1
Selenium	ND		2.1	0.50	mg/Kg	☼	10/11/24 15:00	10/12/24 18:37	1
Silver	ND		1.1	0.087	mg/Kg	☼	10/11/24 15:00	10/12/24 18:37	1
Zinc	**60**		5.4	3.9	mg/Kg	☼	10/11/24 15:00	10/12/24 18:37	1

Method: SW846 7471B - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	**0.046**	**J B**	0.15	0.026	mg/Kg	☼	10/11/24 15:00	10/14/24 12:17	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cyanide, Total (SW846 9012B)	**9.9**		6.8	5.4	mg/Kg	☼	10/14/24 11:27	10/14/24 16:39	10

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Solids (EPA Moisture)	**80.3**		0.1	0.1	%			10/11/24 11:51	1
Percent Moisture (EPA Moisture)	**19.7**		0.1	0.1	%			10/11/24 11:51	1

Client: August Mack Environmental, Inc.
Project/Site: MSC Canfield

Job ID: 240-212801-1

Client Sample ID: SB-26-0

Date Collected: 10/08/24 12:05
Date Received: 10/10/24 15:15

Lab Sample ID: 240-212801-12

Matrix: Solid
Percent Solids: 40.3

Method: SW846 8270E - Semivolatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acenaphthene	ND		99	35	ug/Kg	☼	10/11/24 08:58	10/14/24 12:22	1
Acenaphthylene	ND		99	37	ug/Kg	☼	10/11/24 08:58	10/14/24 12:22	1
Anthracene	ND		99	30	ug/Kg	☼	10/11/24 08:58	10/14/24 12:22	1
Benzo[a]anthracene	**180**		99	37	ug/Kg	☼	10/11/24 08:58	10/14/24 12:22	1
Benzo[a]pyrene	**270**		99	35	ug/Kg	☼	10/11/24 08:58	10/14/24 12:22	1
Benzo[b]fluoranthene	**550**		99	30	ug/Kg	☼	10/11/24 08:58	10/14/24 12:22	1
Benzo[g,h,i]perylene	**310**		99	67	ug/Kg	☼	10/11/24 08:58	10/14/24 12:22	1
Benzo[k]fluoranthene	**150**		99	25	ug/Kg	☼	10/11/24 08:58	10/14/24 12:22	1
Chrysene	**390**		99	35	ug/Kg	☼	10/11/24 08:58	10/14/24 12:22	1
Dibenz(a,h)anthracene	**58**	**J**	99	37	ug/Kg	☼	10/11/24 08:58	10/14/24 12:22	1
Fluoranthene	**590**		99	35	ug/Kg	☼	10/11/24 08:58	10/14/24 12:22	1
Fluorene	ND		99	35	ug/Kg	☼	10/11/24 08:58	10/14/24 12:22	1
Indeno[1,2,3-cd]pyrene	**230**		99	30	ug/Kg	☼	10/11/24 08:58	10/14/24 12:22	1
Naphthalene	ND		99	32	ug/Kg	☼	10/11/24 08:58	10/14/24 12:22	1
Phenanthrene	**160**		99	32	ug/Kg	☼	10/11/24 08:58	10/14/24 12:22	1
Pyrene	**490**		99	40	ug/Kg	☼	10/11/24 08:58	10/14/24 12:22	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2,4,6-Tribromophenol (Surr)	*80*		*10 - 120*	*10/11/24 08:58*	*10/14/24 12:22*	*1*
2-Fluorobiphenyl (Surr)	*68*		*36 - 120*	*10/11/24 08:58*	*10/14/24 12:22*	*1*
2-Fluorophenol (Surr)	*68*		*26 - 120*	*10/11/24 08:58*	*10/14/24 12:22*	*1*
Nitrobenzene-d5 (Surr)	*61*		*28 - 120*	*10/11/24 08:58*	*10/14/24 12:22*	*1*
Phenol-d5 (Surr)	*69*		*29 - 120*	*10/11/24 08:58*	*10/14/24 12:22*	*1*
Terphenyl-d14 (Surr)	*63*		*37 - 120*	*10/11/24 08:58*	*10/14/24 12:22*	*1*

Method: SW846 6010D - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	**12**		3.0	0.64	mg/Kg	☼	10/11/24 15:00	10/12/24 18:50	1
Barium	**90**	**B**	41	0.26	mg/Kg	☼	10/11/24 15:00	10/12/24 18:50	1
Cadmium	**0.48**	**J**	1.0	0.098	mg/Kg	☼	10/11/24 15:00	10/12/24 18:50	1
Chromium	**34**		2.0	0.70	mg/Kg	☼	10/11/24 15:00	10/12/24 18:50	1
Copper	**12**		5.1	1.4	mg/Kg	☼	10/11/24 15:00	10/12/24 18:50	1
Lead	**30**		2.0	0.57	mg/Kg	☼	10/11/24 15:00	10/12/24 18:50	1
Selenium	**1.2**	**J**	4.1	0.95	mg/Kg	☼	10/11/24 15:00	10/12/24 18:50	1
Silver	ND		2.0	0.16	mg/Kg	☼	10/11/24 15:00	10/12/24 18:50	1
Zinc	**2300**		10	7.4	mg/Kg	☼	10/11/24 15:00	10/12/24 18:50	1

Method: SW846 7471B - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	**0.091**	**J B**	0.24	0.043	mg/Kg	☼	10/11/24 15:00	10/14/24 12:19	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cyanide, Total (SW846 9012B)	**380**		55	44	mg/Kg	☼	10/14/24 11:27	10/14/24 18:42	50

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Solids (EPA Moisture)	**40.3**		0.1	0.1	%			10/11/24 11:51	1
Percent Moisture (EPA Moisture)	**59.7**		0.1	0.1	%			10/11/24 11:51	1

Client Sample ID: SB-26-0.5

Date Collected: 10/08/24 12:15
Date Received: 10/10/24 15:15

Lab Sample ID: 240-212801-13

Matrix: Solid
Percent Solids: 67.6

Method: SW846 8270E - Semivolatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acenaphthene	ND		58	20	ug/Kg	☼	10/11/24 08:58	10/11/24 15:11	1
Acenaphthylene	ND		58	22	ug/Kg	☼	10/11/24 08:58	10/11/24 15:11	1
Anthracene	ND		58	18	ug/Kg	☼	10/11/24 08:58	10/11/24 15:11	1
Benzo[a]anthracene	**30**	**J**	58	22	ug/Kg	☼	10/11/24 08:58	10/11/24 15:11	1
Benzo[a]pyrene	**35**	**J**	58	20	ug/Kg	☼	10/11/24 08:58	10/11/24 15:11	1
Benzo[b]fluoranthene	**55**	**J**	58	18	ug/Kg	☼	10/11/24 08:58	10/11/24 15:11	1
Benzo[g,h,i]perylene	ND		58	39	ug/Kg	☼	10/11/24 08:58	10/11/24 15:11	1
Benzo[k]fluoranthene	**36**	**J**	58	15	ug/Kg	☼	10/11/24 08:58	10/11/24 15:11	1
Chrysene	**50**	**J**	58	20	ug/Kg	☼	10/11/24 08:58	10/11/24 15:11	1
Dibenz(a,h)anthracene	ND		58	22	ug/Kg	☼	10/11/24 08:58	10/11/24 15:11	1
Fluoranthene	**89**		58	20	ug/Kg	☼	10/11/24 08:58	10/11/24 15:11	1
Fluorene	ND		58	20	ug/Kg	☼	10/11/24 08:58	10/11/24 15:11	1
Indeno[1,2,3-cd]pyrene	**25**	**J**	58	18	ug/Kg	☼	10/11/24 08:58	10/11/24 15:11	1
Naphthalene	ND		58	19	ug/Kg	☼	10/11/24 08:58	10/11/24 15:11	1
Phenanthrene	**33**	**J**	58	19	ug/Kg	☼	10/11/24 08:58	10/11/24 15:11	1
Pyrene	**79**		58	23	ug/Kg	☼	10/11/24 08:58	10/11/24 15:11	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2,4,6-Tribromophenol (Surr)	*92*		*10 - 120*	*10/11/24 08:58*	*10/11/24 15:11*	*1*
2-Fluorobiphenyl (Surr)	*81*		*36 - 120*	*10/11/24 08:58*	*10/11/24 15:11*	*1*
2-Fluorophenol (Surr)	*83*		*26 - 120*	*10/11/24 08:58*	*10/11/24 15:11*	*1*
Nitrobenzene-d5 (Surr)	*74*		*28 - 120*	*10/11/24 08:58*	*10/11/24 15:11*	*1*
Phenol-d5 (Surr)	*82*		*29 - 120*	*10/11/24 08:58*	*10/11/24 15:11*	*1*
Terphenyl-d14 (Surr)	*83*		*37 - 120*	*10/11/24 08:58*	*10/11/24 15:11*	*1*

Method: SW846 6010D - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	**6.0**		1.8	0.38	mg/Kg	☼	10/11/24 15:00	10/12/24 18:54	1
Barium	**82**	**B**	24	0.15	mg/Kg	☼	10/11/24 15:00	10/12/24 18:54	1
Cadmium	**0.25**	**J**	0.60	0.057	mg/Kg	☼	10/11/24 15:00	10/12/24 18:54	1
Chromium	**14**		1.2	0.41	mg/Kg	☼	10/11/24 15:00	10/12/24 18:54	1
Copper	**12**		3.0	0.84	mg/Kg	☼	10/11/24 15:00	10/12/24 18:54	1
Lead	**28**		1.2	0.34	mg/Kg	☼	10/11/24 15:00	10/12/24 18:54	1
Selenium	ND		2.4	0.56	mg/Kg	☼	10/11/24 15:00	10/12/24 18:54	1
Silver	ND		1.2	0.097	mg/Kg	☼	10/11/24 15:00	10/12/24 18:54	1
Zinc	**99**		6.0	4.3	mg/Kg	☼	10/11/24 15:00	10/12/24 18:54	1

Method: SW846 7471B - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	**0.097**	**J B**	0.17	0.030	mg/Kg	☼	10/11/24 15:00	10/14/24 12:21	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cyanide, Total (SW846 9012B)	**20**		7.7	6.1	mg/Kg	☼	10/14/24 11:27	10/14/24 16:48	10

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Solids (EPA Moisture)	**67.6**		0.1	0.1	%			10/11/24 11:51	1
Percent Moisture (EPA Moisture)	**32.4**		0.1	0.1	%			10/11/24 11:51	1

Client: August Mack Environmental, Inc.
Project/Site: MSC Canfield

Job ID: 240-212801-1

Client Sample ID: SB-27-0

Date Collected: 10/08/24 12:50
Date Received: 10/10/24 15:15

Lab Sample ID: 240-212801-14

Matrix: Solid
Percent Solids: 62.3

Method: SW846 8270E - Semivolatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acenaphthene	ND		64	22	ug/Kg	☼	10/11/24 08:58	10/14/24 12:46	1
Acenaphthylene	ND		64	24	ug/Kg	☼	10/11/24 08:58	10/14/24 12:46	1
Anthracene	**39**	**J**	64	19	ug/Kg	☼	10/11/24 08:58	10/14/24 12:46	1
Benzo[a]anthracene	**230**		64	24	ug/Kg	☼	10/11/24 08:58	10/14/24 12:46	1
Benzo[a]pyrene	**300**		64	22	ug/Kg	☼	10/11/24 08:58	10/14/24 12:46	1
Benzo[b]fluoranthene	**610**	**F1**	64	19	ug/Kg	☼	10/11/24 08:58	10/14/24 12:46	1
Benzo[g,h,i]perylene	**350**		64	43	ug/Kg	☼	10/11/24 08:58	10/14/24 12:46	1
Benzo[k]fluoranthene	**170**		64	16	ug/Kg	☼	10/11/24 08:58	10/14/24 12:46	1
Chrysene	**410**		64	22	ug/Kg	☼	10/11/24 08:58	10/14/24 12:46	1
Dibenz(a,h)anthracene	**66**		64	24	ug/Kg	☼	10/11/24 08:58	10/14/24 12:46	1
Fluoranthene	**780**	**F1**	64	22	ug/Kg	☼	10/11/24 08:58	10/14/24 12:46	1
Fluorene	ND		64	22	ug/Kg	☼	10/11/24 08:58	10/14/24 12:46	1
Indeno[1,2,3-cd]pyrene	**260**		64	19	ug/Kg	☼	10/11/24 08:58	10/14/24 12:46	1
Naphthalene	**38**	**J**	64	21	ug/Kg	☼	10/11/24 08:58	10/14/24 12:46	1
Phenanthrene	**290**		64	21	ug/Kg	☼	10/11/24 08:58	10/14/24 12:46	1
Pyrene	**610**		64	26	ug/Kg	☼	10/11/24 08:58	10/14/24 12:46	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2,4,6-Tribromophenol (Surr)	*39*		*10 - 120*	*10/11/24 08:58*	*10/14/24 12:46*	*1*
2-Fluorobiphenyl (Surr)	*59*		*36 - 120*	*10/11/24 08:58*	*10/14/24 12:46*	*1*
2-Fluorophenol (Surr)	*56*		*26 - 120*	*10/11/24 08:58*	*10/14/24 12:46*	*1*
Nitrobenzene-d5 (Surr)	*51*		*28 - 120*	*10/11/24 08:58*	*10/14/24 12:46*	*1*
Phenol-d5 (Surr)	*60*		*29 - 120*	*10/11/24 08:58*	*10/14/24 12:46*	*1*
Terphenyl-d14 (Surr)	*48*		*37 - 120*	*10/11/24 08:58*	*10/14/24 12:46*	*1*

Method: SW846 6010D - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	**9.3**		2.2	0.47	mg/Kg	☼	10/11/24 15:00	10/12/24 17:23	1
Barium	**63**	**B**	30	0.19	mg/Kg	☼	10/11/24 15:00	10/12/24 17:23	1
Cadmium	**0.33**	**J**	0.74	0.071	mg/Kg	☼	10/11/24 15:00	10/12/24 17:23	1
Chromium	**26**		1.5	0.51	mg/Kg	☼	10/11/24 15:00	10/12/24 17:23	1
Copper	**1.8**	**J F1 F2**	3.7	1.0	mg/Kg	☼	10/11/24 15:00	10/12/24 17:23	1
Lead	**26**		1.5	0.42	mg/Kg	☼	10/11/24 15:00	10/12/24 17:23	1
Selenium	**0.87**	**J**	3.0	0.70	mg/Kg	☼	10/11/24 15:00	10/12/24 17:23	1
Silver	ND		1.5	0.12	mg/Kg	☼	10/11/24 15:00	10/12/24 17:23	1
Zinc	**7500**	**F2**	74	54	mg/Kg	☼	10/11/24 15:00	10/14/24 23:33	10

Method: SW846 7471B - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	**0.060**	**J B**	0.15	0.026	mg/Kg	☼	10/11/24 15:00	10/14/24 11:48	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cyanide, Total (SW846 9012B)	**930**		50	40	mg/Kg	☼	10/14/24 11:27	10/14/24 16:21	50

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Solids (EPA Moisture)	**62.3**		0.1	0.1	%			10/11/24 11:51	1
Percent Moisture (EPA Moisture)	**37.7**		0.1	0.1	%			10/11/24 11:51	1

Client: August Mack Environmental, Inc.
Project/Site: MSC Canfield

Job ID: 240-212801-1

Client Sample ID: SB-27-0.5
Date Collected: 10/08/24 13:05
Date Received: 10/10/24 15:15

Lab Sample ID: 240-212801-15
Matrix: Solid
Percent Solids: 64.2

Method: SW846 8270E - Semivolatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acenaphthene	ND		120	43	ug/Kg	☼	10/15/24 08:33	10/16/24 08:58	2
Acenaphthylene	ND		120	46	ug/Kg	☼	10/15/24 08:33	10/16/24 08:58	2
Anthracene	**47**	**J**	120	37	ug/Kg	☼	10/15/24 08:33	10/16/24 08:58	2
Benzo[a]anthracene	**240**		120	46	ug/Kg	☼	10/15/24 08:33	10/16/24 08:58	2
Benzo[a]pyrene	**280**		120	43	ug/Kg	☼	10/15/24 08:33	10/16/24 08:58	2
Benzo[b]fluoranthene	**460**		120	37	ug/Kg	☼	10/15/24 08:33	10/16/24 08:58	2
Benzo[g,h,i]perylene	**270**		120	82	ug/Kg	☼	10/15/24 08:33	10/16/24 08:58	2
Benzo[k]fluoranthene	**180**		120	30	ug/Kg	☼	10/15/24 08:33	10/16/24 08:58	2
Chrysene	**320**		120	43	ug/Kg	☼	10/15/24 08:33	10/16/24 08:58	2
Dibenz(a,h)anthracene	**60**	**J**	120	46	ug/Kg	☼	10/15/24 08:33	10/16/24 08:58	2
Fluoranthene	**660**		120	43	ug/Kg	☼	10/15/24 08:33	10/16/24 08:58	2
Fluorene	ND		120	43	ug/Kg	☼	10/15/24 08:33	10/16/24 08:58	2
Indeno[1,2,3-cd]pyrene	**220**		120	37	ug/Kg	☼	10/15/24 08:33	10/16/24 08:58	2
Naphthalene	ND		120	40	ug/Kg	☼	10/15/24 08:33	10/16/24 08:58	2
Phenanthrene	**250**		120	40	ug/Kg	☼	10/15/24 08:33	10/16/24 08:58	2
Pyrene	**530**		120	49	ug/Kg	☼	10/15/24 08:33	10/16/24 08:58	2

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2,4,6-Tribromophenol (Surr)	*68*		*10 - 120*	*10/15/24 08:33*	*10/16/24 08:58*	*2*
2-Fluorobiphenyl (Surr)	*62*		*36 - 120*	*10/15/24 08:33*	*10/16/24 08:58*	*2*
2-Fluorophenol (Surr)	*62*		*26 - 120*	*10/15/24 08:33*	*10/16/24 08:58*	*2*
Nitrobenzene-d5 (Surr)	*55*		*28 - 120*	*10/15/24 08:33*	*10/16/24 08:58*	*2*
Phenol-d5 (Surr)	*63*		*29 - 120*	*10/15/24 08:33*	*10/16/24 08:58*	*2*
Terphenyl-d14 (Surr)	*61*		*37 - 120*	*10/15/24 08:33*	*10/16/24 08:58*	*2*

Method: SW846 6010D - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	**19**		1.7	0.36	mg/Kg	☼	10/11/24 15:00	10/12/24 18:58	1
Barium	**82**	**B**	23	0.14	mg/Kg	☼	10/11/24 15:00	10/12/24 18:58	1
Cadmium	**0.87**		0.57	0.055	mg/Kg	☼	10/11/24 15:00	10/12/24 18:58	1
Chromium	**43**		1.1	0.39	mg/Kg	☼	10/11/24 15:00	10/12/24 18:58	1
Copper	**22**		2.9	0.80	mg/Kg	☼	10/11/24 15:00	10/12/24 18:58	1
Lead	**83**		1.1	0.32	mg/Kg	☼	10/11/24 15:00	10/12/24 18:58	1
Selenium	**2.0**	**J**	2.3	0.54	mg/Kg	☼	10/11/24 15:00	10/12/24 18:58	1
Silver	ND		1.1	0.093	mg/Kg	☼	10/11/24 15:00	10/12/24 18:58	1
Zinc	**1400**		5.7	4.1	mg/Kg	☼	10/11/24 15:00	10/12/24 18:58	1

Method: SW846 7471B - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	**0.11**	**J B**	0.17	0.031	mg/Kg	☼	10/11/24 15:00	10/14/24 12:23	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cyanide, Total (SW846 9012B)	**100**		7.8	6.2	mg/Kg	☼	10/14/24 11:27	10/14/24 16:52	10

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Solids (EPA Moisture)	**64.2**		0.1	0.1	%			10/11/24 11:51	1
Percent Moisture (EPA Moisture)	**35.8**		0.1	0.1	%			10/11/24 11:51	1

Client Sample ID: SB-27-2.0

Date Collected: 10/08/24 13:15
Date Received: 10/10/24 15:15

Lab Sample ID: 240-212801-16

Matrix: Solid
Percent Solids: 77.1

Method: SW846 8270E - Semivolatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acenaphthene	ND		51	18	ug/Kg	☼	10/11/24 08:58	10/11/24 15:35	1
Acenaphthylene	ND		51	19	ug/Kg	☼	10/11/24 08:58	10/11/24 15:35	1
Anthracene	ND		51	15	ug/Kg	☼	10/11/24 08:58	10/11/24 15:35	1
Benzo[a]anthracene	ND		51	19	ug/Kg	☼	10/11/24 08:58	10/11/24 15:35	1
Benzo[a]pyrene	**18**	**J**	51	18	ug/Kg	☼	10/11/24 08:58	10/11/24 15:35	1
Benzo[b]fluoranthene	**35**	**J**	51	15	ug/Kg	☼	10/11/24 08:58	10/11/24 15:35	1
Benzo[g,h,i]perylene	ND		51	34	ug/Kg	☼	10/11/24 08:58	10/11/24 15:35	1
Benzo[k]fluoranthene	ND		51	13	ug/Kg	☼	10/11/24 08:58	10/11/24 15:35	1
Chrysene	**24**	**J**	51	18	ug/Kg	☼	10/11/24 08:58	10/11/24 15:35	1
Dibenz(a,h)anthracene	ND		51	19	ug/Kg	☼	10/11/24 08:58	10/11/24 15:35	1
Fluoranthene	**36**	**J**	51	18	ug/Kg	☼	10/11/24 08:58	10/11/24 15:35	1
Fluorene	ND		51	18	ug/Kg	☼	10/11/24 08:58	10/11/24 15:35	1
Indeno[1,2,3-cd]pyrene	ND		51	15	ug/Kg	☼	10/11/24 08:58	10/11/24 15:35	1
Naphthalene	ND		51	16	ug/Kg	☼	10/11/24 08:58	10/11/24 15:35	1
Phenanthrene	**16**	**J**	51	16	ug/Kg	☼	10/11/24 08:58	10/11/24 15:35	1
Pyrene	**30**	**J**	51	20	ug/Kg	☼	10/11/24 08:58	10/11/24 15:35	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2,4,6-Tribromophenol (Surr)	*76*		*10 - 120*	*10/11/24 08:58*	*10/11/24 15:35*	*1*
2-Fluorobiphenyl (Surr)	*73*		*36 - 120*	*10/11/24 08:58*	*10/11/24 15:35*	*1*
2-Fluorophenol (Surr)	*78*		*26 - 120*	*10/11/24 08:58*	*10/11/24 15:35*	*1*
Nitrobenzene-d5 (Surr)	*61*		*28 - 120*	*10/11/24 08:58*	*10/11/24 15:35*	*1*
Phenol-d5 (Surr)	*78*		*29 - 120*	*10/11/24 08:58*	*10/11/24 15:35*	*1*
Terphenyl-d14 (Surr)	*78*		*37 - 120*	*10/11/24 08:58*	*10/11/24 15:35*	*1*

Method: SW846 6010D - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	**8.8**		1.7	0.35	mg/Kg	☼	10/11/24 15:00	10/12/24 19:03	1
Barium	**62**	**B**	22	0.14	mg/Kg	☼	10/11/24 15:00	10/12/24 19:03	1
Cadmium	**0.11**	**J**	0.56	0.054	mg/Kg	☼	10/11/24 15:00	10/12/24 19:03	1
Chromium	**13**		1.1	0.38	mg/Kg	☼	10/11/24 15:00	10/12/24 19:03	1
Copper	**11**		2.8	0.78	mg/Kg	☼	10/11/24 15:00	10/12/24 19:03	1
Lead	**13**		1.1	0.32	mg/Kg	☼	10/11/24 15:00	10/12/24 19:03	1
Selenium	ND		2.2	0.52	mg/Kg	☼	10/11/24 15:00	10/12/24 19:03	1
Silver	ND		1.1	0.091	mg/Kg	☼	10/11/24 15:00	10/12/24 19:03	1
Zinc	**360**		5.6	4.1	mg/Kg	☼	10/11/24 15:00	10/12/24 19:03	1

Method: SW846 7471B - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	**0.038**	**J B**	0.14	0.025	mg/Kg	☼	10/11/24 15:00	10/14/24 12:24	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cyanide, Total (SW846 9012B)	**100**		8.1	6.4	mg/Kg	☼	10/14/24 11:27	10/14/24 17:00	10

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Solids (EPA Moisture)	**77.1**		0.1	0.1	%			10/11/24 11:51	1
Percent Moisture (EPA Moisture)	**22.9**		0.1	0.1	%			10/11/24 11:51	1

Client: August Mack Environmental, Inc.
Project/Site: MSC Canfield

Job ID: 240-212801-1

Client Sample ID: SB-28-0

Date Collected: 10/08/24 14:05
Date Received: 10/10/24 15:15

Lab Sample ID: 240-212801-17

Matrix: Solid
Percent Solids: 37.4

Method: SW846 8270E - Semivolatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acenaphthene	ND		110	37	ug/Kg	☼	10/11/24 08:58	10/11/24 18:47	1
Acenaphthylene	ND		110	40	ug/Kg	☼	10/11/24 08:58	10/11/24 18:47	1
Anthracene	ND		110	32	ug/Kg	☼	10/11/24 08:58	10/11/24 18:47	1
Benzo[a]anthracene	**140**		110	40	ug/Kg	☼	10/11/24 08:58	10/11/24 18:47	1
Benzo[a]pyrene	**230**		110	37	ug/Kg	☼	10/11/24 08:58	10/11/24 18:47	1
Benzo[b]fluoranthene	**460**		110	32	ug/Kg	☼	10/11/24 08:58	10/11/24 18:47	1
Benzo[g,h,i]perylene	**250**		110	72	ug/Kg	☼	10/11/24 08:58	10/11/24 18:47	1
Benzo[k]fluoranthene	**130**		110	27	ug/Kg	☼	10/11/24 08:58	10/11/24 18:47	1
Chrysene	**310**		110	37	ug/Kg	☼	10/11/24 08:58	10/11/24 18:47	1
Dibenz(a,h)anthracene	**42**	**J**	110	40	ug/Kg	☼	10/11/24 08:58	10/11/24 18:47	1
Fluoranthene	**480**		110	37	ug/Kg	☼	10/11/24 08:58	10/11/24 18:47	1
Fluorene	ND		110	37	ug/Kg	☼	10/11/24 08:58	10/11/24 18:47	1
Indeno[1,2,3-cd]pyrene	**180**		110	32	ug/Kg	☼	10/11/24 08:58	10/11/24 18:47	1
Naphthalene	ND		110	35	ug/Kg	☼	10/11/24 08:58	10/11/24 18:47	1
Phenanthrene	**140**		110	35	ug/Kg	☼	10/11/24 08:58	10/11/24 18:47	1
Pyrene	**410**		110	43	ug/Kg	☼	10/11/24 08:58	10/11/24 18:47	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2,4,6-Tribromophenol (Surr)	*89*		*10 - 120*	*10/11/24 08:58*	*10/11/24 18:47*	*1*
2-Fluorobiphenyl (Surr)	*79*		*36 - 120*	*10/11/24 08:58*	*10/11/24 18:47*	*1*
2-Fluorophenol (Surr)	*81*		*26 - 120*	*10/11/24 08:58*	*10/11/24 18:47*	*1*
Nitrobenzene-d5 (Surr)	*72*		*28 - 120*	*10/11/24 08:58*	*10/11/24 18:47*	*1*
Phenol-d5 (Surr)	*82*		*29 - 120*	*10/11/24 08:58*	*10/11/24 18:47*	*1*
Terphenyl-d14 (Surr)	*74*		*37 - 120*	*10/11/24 08:58*	*10/11/24 18:47*	*1*

Method: SW846 6010D - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	**8.7**		3.9	0.81	mg/Kg	☼	10/11/24 15:00	10/12/24 19:07	1
Barium	**89**	**B**	51	0.32	mg/Kg	☼	10/11/24 15:00	10/12/24 19:07	1
Cadmium	**0.42**	**J**	1.3	0.12	mg/Kg	☼	10/11/24 15:00	10/12/24 19:07	1
Chromium	**30**		2.6	0.88	mg/Kg	☼	10/11/24 15:00	10/12/24 19:07	1
Copper	**15**		6.4	1.8	mg/Kg	☼	10/11/24 15:00	10/12/24 19:07	1
Lead	**28**		2.6	0.72	mg/Kg	☼	10/11/24 15:00	10/12/24 19:07	1
Selenium	ND		5.1	1.2	mg/Kg	☼	10/11/24 15:00	10/12/24 19:07	1
Silver	ND		2.6	0.21	mg/Kg	☼	10/11/24 15:00	10/12/24 19:07	1
Zinc	**2300**		13	9.3	mg/Kg	☼	10/11/24 15:00	10/12/24 19:07	1

Method: SW846 7471B - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	**0.084**	**J B**	0.28	0.050	mg/Kg	☼	10/11/24 15:00	10/14/24 12:26	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cyanide, Total (SW846 9012B)	**270**		62	49	mg/Kg	☼	10/14/24 11:27	10/14/24 18:47	50

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Solids (EPA Moisture)	**37.4**		0.1	0.1	%			10/11/24 11:51	1
Percent Moisture (EPA Moisture)	**62.6**		0.1	0.1	%			10/11/24 11:51	1

Client Sample ID: DUP-10-20241008

Date Collected: 10/08/24 00:00
Date Received: 10/10/24 15:15

Lab Sample ID: 240-212801-18

Matrix: Solid
Percent Solids: 68.6

Method: SW846 8270E - Semivolatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acenaphthene	ND		58	20	ug/Kg	☼	10/11/24 08:58	10/11/24 15:59	1
Acenaphthylene	ND		58	22	ug/Kg	☼	10/11/24 08:58	10/11/24 15:59	1
Anthracene	ND		58	17	ug/Kg	☼	10/11/24 08:58	10/11/24 15:59	1
Benzo[a]anthracene	**32**	**J**	58	22	ug/Kg	☼	10/11/24 08:58	10/11/24 15:59	1
Benzo[a]pyrene	**36**	**J**	58	20	ug/Kg	☼	10/11/24 08:58	10/11/24 15:59	1
Benzo[b]fluoranthene	**84**		58	17	ug/Kg	☼	10/11/24 08:58	10/11/24 15:59	1
Benzo[g,h,i]perylene	**40**	**J**	58	39	ug/Kg	☼	10/11/24 08:58	10/11/24 15:59	1
Benzo[k]fluoranthene	**17**	**J**	58	14	ug/Kg	☼	10/11/24 08:58	10/11/24 15:59	1
Chrysene	**58**		58	20	ug/Kg	☼	10/11/24 08:58	10/11/24 15:59	1
Dibenz(a,h)anthracene	ND		58	22	ug/Kg	☼	10/11/24 08:58	10/11/24 15:59	1
Fluoranthene	**100**		58	20	ug/Kg	☼	10/11/24 08:58	10/11/24 15:59	1
Fluorene	ND		58	20	ug/Kg	☼	10/11/24 08:58	10/11/24 15:59	1
Indeno[1,2,3-cd]pyrene	**32**	**J**	58	17	ug/Kg	☼	10/11/24 08:58	10/11/24 15:59	1
Naphthalene	ND		58	19	ug/Kg	☼	10/11/24 08:58	10/11/24 15:59	1
Phenanthrene	**38**	**J**	58	19	ug/Kg	☼	10/11/24 08:58	10/11/24 15:59	1
Pyrene	**85**		58	23	ug/Kg	☼	10/11/24 08:58	10/11/24 15:59	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2,4,6-Tribromophenol (Surr)	*91*		*10 - 120*	*10/11/24 08:58*	*10/11/24 15:59*	*1*
2-Fluorobiphenyl (Surr)	*82*		*36 - 120*	*10/11/24 08:58*	*10/11/24 15:59*	*1*
2-Fluorophenol (Surr)	*87*		*26 - 120*	*10/11/24 08:58*	*10/11/24 15:59*	*1*
Nitrobenzene-d5 (Surr)	*76*		*28 - 120*	*10/11/24 08:58*	*10/11/24 15:59*	*1*
Phenol-d5 (Surr)	*88*		*29 - 120*	*10/11/24 08:58*	*10/11/24 15:59*	*1*
Terphenyl-d14 (Surr)	*86*		*37 - 120*	*10/11/24 08:58*	*10/11/24 15:59*	*1*

Method: SW846 6010D - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	**7.6**		1.8	0.38	mg/Kg	☼	10/11/24 15:00	10/12/24 19:11	1
Barium	**91**	**B**	24	0.15	mg/Kg	☼	10/11/24 15:00	10/12/24 19:11	1
Cadmium	**0.30**	**J**	0.61	0.058	mg/Kg	☼	10/11/24 15:00	10/12/24 19:11	1
Chromium	**18**		1.2	0.42	mg/Kg	☼	10/11/24 15:00	10/12/24 19:11	1
Copper	**16**		3.0	0.85	mg/Kg	☼	10/11/24 15:00	10/12/24 19:11	1
Lead	**37**		1.2	0.34	mg/Kg	☼	10/11/24 15:00	10/12/24 19:11	1
Selenium	ND		2.4	0.57	mg/Kg	☼	10/11/24 15:00	10/12/24 19:11	1
Silver	ND		1.2	0.098	mg/Kg	☼	10/11/24 15:00	10/12/24 19:11	1
Zinc	**150**		6.1	4.4	mg/Kg	☼	10/11/24 15:00	10/12/24 19:11	1

Method: SW846 7471B - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	**0.082**	**J B**	0.15	0.026	mg/Kg	☼	10/11/24 15:00	10/14/24 12:28	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cyanide, Total (SW846 9012B)	**20**		9.1	7.2	mg/Kg	☼	10/14/24 11:27	10/14/24 17:09	10

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Solids (EPA Moisture)	**68.6**		0.1	0.1	%			10/11/24 11:51	1
Percent Moisture (EPA Moisture)	**31.4**		0.1	0.1	%			10/11/24 11:51	1

Client: August Mack Environmental, Inc.
Project/Site: MSC Canfield

Job ID: 240-212801-1

Client Sample ID: SB-28-0.5

Date Collected: 10/08/24 14:15
Date Received: 10/10/24 15:15

Lab Sample ID: 240-212801-19

Matrix: Solid
Percent Solids: 71.0

Method: SW846 8270E - Semivolatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acenaphthene	ND		56	20	ug/Kg	☼	10/11/24 08:58	10/11/24 16:23	1
Acenaphthylene	ND		56	21	ug/Kg	☼	10/11/24 08:58	10/11/24 16:23	1
Anthracene	ND		56	17	ug/Kg	☼	10/11/24 08:58	10/11/24 16:23	1
Benzo[a]anthracene	**31**	**J**	56	21	ug/Kg	☼	10/11/24 08:58	10/11/24 16:23	1
Benzo[a]pyrene	**33**	**J**	56	20	ug/Kg	☼	10/11/24 08:58	10/11/24 16:23	1
Benzo[b]fluoranthene	**65**		56	17	ug/Kg	☼	10/11/24 08:58	10/11/24 16:23	1
Benzo[g,h,i]perylene	ND		56	38	ug/Kg	☼	10/11/24 08:58	10/11/24 16:23	1
Benzo[k]fluoranthene	**20**	**J**	56	14	ug/Kg	☼	10/11/24 08:58	10/11/24 16:23	1
Chrysene	**44**	**J**	56	20	ug/Kg	☼	10/11/24 08:58	10/11/24 16:23	1
Dibenz(a,h)anthracene	ND		56	21	ug/Kg	☼	10/11/24 08:58	10/11/24 16:23	1
Fluoranthene	**82**		56	20	ug/Kg	☼	10/11/24 08:58	10/11/24 16:23	1
Fluorene	ND		56	20	ug/Kg	☼	10/11/24 08:58	10/11/24 16:23	1
Indeno[1,2,3-cd]pyrene	**25**	**J**	56	17	ug/Kg	☼	10/11/24 08:58	10/11/24 16:23	1
Naphthalene	ND		56	18	ug/Kg	☼	10/11/24 08:58	10/11/24 16:23	1
Phenanthrene	**34**	**J**	56	18	ug/Kg	☼	10/11/24 08:58	10/11/24 16:23	1
Pyrene	**66**		56	22	ug/Kg	☼	10/11/24 08:58	10/11/24 16:23	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2,4,6-Tribromophenol (Surr)	*94*		*10 - 120*	*10/11/24 08:58*	*10/11/24 16:23*	*1*
2-Fluorobiphenyl (Surr)	*82*		*36 - 120*	*10/11/24 08:58*	*10/11/24 16:23*	*1*
2-Fluorophenol (Surr)	*88*		*26 - 120*	*10/11/24 08:58*	*10/11/24 16:23*	*1*
Nitrobenzene-d5 (Surr)	*75*		*28 - 120*	*10/11/24 08:58*	*10/11/24 16:23*	*1*
Phenol-d5 (Surr)	*88*		*29 - 120*	*10/11/24 08:58*	*10/11/24 16:23*	*1*
Terphenyl-d14 (Surr)	*86*		*37 - 120*	*10/11/24 08:58*	*10/11/24 16:23*	*1*

Method: SW846 6010D - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	**6.6**		1.8	0.38	mg/Kg	☼	10/11/24 15:00	10/12/24 19:16	1
Barium	**93**	**B**	24	0.15	mg/Kg	☼	10/11/24 15:00	10/12/24 19:16	1
Cadmium	**0.44**	**J**	0.60	0.057	mg/Kg	☼	10/11/24 15:00	10/12/24 19:16	1
Chromium	**19**		1.2	0.41	mg/Kg	☼	10/11/24 15:00	10/12/24 19:16	1
Copper	**15**		3.0	0.84	mg/Kg	☼	10/11/24 15:00	10/12/24 19:16	1
Lead	**31**		1.2	0.34	mg/Kg	☼	10/11/24 15:00	10/12/24 19:16	1
Selenium	**0.86**	**J**	2.4	0.56	mg/Kg	☼	10/11/24 15:00	10/12/24 19:16	1
Silver	ND		1.2	0.097	mg/Kg	☼	10/11/24 15:00	10/12/24 19:16	1
Zinc	**240**		6.0	4.3	mg/Kg	☼	10/11/24 15:00	10/12/24 19:16	1

Method: SW846 7471B - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	**0.083**	**J B**	0.14	0.025	mg/Kg	☼	10/11/24 15:00	10/14/24 12:29	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cyanide, Total (SW846 9012B)	**9.0**		8.0	6.4	mg/Kg	☼	10/14/24 11:27	10/14/24 17:14	10

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Solids (EPA Moisture)	**71.0**		0.1	0.1	%			10/11/24 11:51	1
Percent Moisture (EPA Moisture)	**29.0**		0.1	0.1	%			10/11/24 11:51	1

Client: August Mack Environmental, Inc.
Project/Site: MSC Canfield

Job ID: 240-212801-1

Client Sample ID: SB-28-2.0

Date Collected: 10/08/24 14:30
Date Received: 10/10/24 15:15

Lab Sample ID: 240-212801-20

Matrix: Solid
Percent Solids: 78.9

Method: SW846 8270E - Semivolatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acenaphthene	ND		49	17	ug/Kg	☼	10/11/24 08:58	10/11/24 19:11	1
Acenaphthylene	ND		49	18	ug/Kg	☼	10/11/24 08:58	10/11/24 19:11	1
Anthracene	ND		49	15	ug/Kg	☼	10/11/24 08:58	10/11/24 19:11	1
Benzo[a]anthracene	ND		49	18	ug/Kg	☼	10/11/24 08:58	10/11/24 19:11	1
Benzo[a]pyrene	**18**	**J**	49	17	ug/Kg	☼	10/11/24 08:58	10/11/24 19:11	1
Benzo[b]fluoranthene	**31**	**J**	49	15	ug/Kg	☼	10/11/24 08:58	10/11/24 19:11	1
Benzo[g,h,i]perylene	ND		49	33	ug/Kg	☼	10/11/24 08:58	10/11/24 19:11	1
Benzo[k]fluoranthene	**13**	**J**	49	12	ug/Kg	☼	10/11/24 08:58	10/11/24 19:11	1
Chrysene	**22**	**J**	49	17	ug/Kg	☼	10/11/24 08:58	10/11/24 19:11	1
Dibenz(a,h)anthracene	ND		49	18	ug/Kg	☼	10/11/24 08:58	10/11/24 19:11	1
Fluoranthene	**38**	**J**	49	17	ug/Kg	☼	10/11/24 08:58	10/11/24 19:11	1
Fluorene	ND		49	17	ug/Kg	☼	10/11/24 08:58	10/11/24 19:11	1
Indeno[1,2,3-cd]pyrene	ND		49	15	ug/Kg	☼	10/11/24 08:58	10/11/24 19:11	1
Naphthalene	ND		49	16	ug/Kg	☼	10/11/24 08:58	10/11/24 19:11	1
Phenanthrene	**17**	**J**	49	16	ug/Kg	☼	10/11/24 08:58	10/11/24 19:11	1
Pyrene	**33**	**J**	49	20	ug/Kg	☼	10/11/24 08:58	10/11/24 19:11	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2,4,6-Tribromophenol (Surr)	*81*		*10 - 120*	*10/11/24 08:58*	*10/11/24 19:11*	*1*
2-Fluorobiphenyl (Surr)	*80*		*36 - 120*	*10/11/24 08:58*	*10/11/24 19:11*	*1*
2-Fluorophenol (Surr)	*87*		*26 - 120*	*10/11/24 08:58*	*10/11/24 19:11*	*1*
Nitrobenzene-d5 (Surr)	*73*		*28 - 120*	*10/11/24 08:58*	*10/11/24 19:11*	*1*
Phenol-d5 (Surr)	*87*		*29 - 120*	*10/11/24 08:58*	*10/11/24 19:11*	*1*
Terphenyl-d14 (Surr)	*82*		*37 - 120*	*10/11/24 08:58*	*10/11/24 19:11*	*1*

Method: SW846 6010D - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	**11**		1.6	0.33	mg/Kg	☼	10/11/24 15:00	10/12/24 19:20	1
Barium	**66**	**B**	21	0.13	mg/Kg	☼	10/11/24 15:00	10/12/24 19:20	1
Cadmium	**0.064**	**J**	0.52	0.050	mg/Kg	☼	10/11/24 15:00	10/12/24 19:20	1
Chromium	**10**		1.0	0.36	mg/Kg	☼	10/11/24 15:00	10/12/24 19:20	1
Copper	**7.4**		2.6	0.73	mg/Kg	☼	10/11/24 15:00	10/12/24 19:20	1
Lead	**11**		1.0	0.29	mg/Kg	☼	10/11/24 15:00	10/12/24 19:20	1
Selenium	ND		2.1	0.49	mg/Kg	☼	10/11/24 15:00	10/12/24 19:20	1
Silver	ND		1.0	0.084	mg/Kg	☼	10/11/24 15:00	10/12/24 19:20	1
Zinc	**45**		5.2	3.8	mg/Kg	☼	10/11/24 15:00	10/12/24 19:20	1

Method: SW846 7471B - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	**0.037**	**J B**	0.12	0.022	mg/Kg	☼	10/11/24 15:00	10/14/24 12:31	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cyanide, Total (SW846 9012B)	**6.9**	**F2**	6.9	5.5	mg/Kg	☼	10/14/24 11:27	10/14/24 17:18	10

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Solids (EPA Moisture)	**78.9**		0.1	0.1	%			10/11/24 11:51	1
Percent Moisture (EPA Moisture)	**21.1**		0.1	0.1	%			10/11/24 11:51	1

Client: August Mack Environmental, Inc.
Project/Site: MSC Canfield

Job ID: 240-212801-1

Client Sample ID: SB-29-0

Date Collected: 10/08/24 14:55
Date Received: 10/10/24 15:15

Lab Sample ID: 240-212801-21

Matrix: Solid
Percent Solids: 43.4

Method: SW846 8270E - Semivolatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acenaphthene	ND		94	33	ug/Kg	☼	10/11/24 09:05	10/14/24 14:22	1
Acenaphthylene	ND		94	35	ug/Kg	☼	10/11/24 09:05	10/14/24 14:22	1
Anthracene	ND		94	28	ug/Kg	☼	10/11/24 09:05	10/14/24 14:22	1
Benzo[a]anthracene	**76**	**J**	94	35	ug/Kg	☼	10/11/24 09:05	10/14/24 14:22	1
Benzo[a]pyrene	**110**		94	33	ug/Kg	☼	10/11/24 09:05	10/14/24 14:22	1
Benzo[b]fluoranthene	**250**		94	28	ug/Kg	☼	10/11/24 09:05	10/14/24 14:22	1
Benzo[g,h,i]perylene	**120**		94	63	ug/Kg	☼	10/11/24 09:05	10/14/24 14:22	1
Benzo[k]fluoranthene	**81**	**J**	94	23	ug/Kg	☼	10/11/24 09:05	10/14/24 14:22	1
Chrysene	**160**		94	33	ug/Kg	☼	10/11/24 09:05	10/14/24 14:22	1
Dibenz(a,h)anthracene	ND		94	35	ug/Kg	☼	10/11/24 09:05	10/14/24 14:22	1
Fluoranthene	**280**		94	33	ug/Kg	☼	10/11/24 09:05	10/14/24 14:22	1
Fluorene	ND		94	33	ug/Kg	☼	10/11/24 09:05	10/14/24 14:22	1
Indeno[1,2,3-cd]pyrene	**89**	**J**	94	28	ug/Kg	☼	10/11/24 09:05	10/14/24 14:22	1
Naphthalene	ND		94	31	ug/Kg	☼	10/11/24 09:05	10/14/24 14:22	1
Phenanthrene	**83**	**J**	94	31	ug/Kg	☼	10/11/24 09:05	10/14/24 14:22	1
Pyrene	**230**		94	38	ug/Kg	☼	10/11/24 09:05	10/14/24 14:22	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2,4,6-Tribromophenol (Surr)	*76*		*10 - 120*	*10/11/24 09:05*	*10/14/24 14:22*	*1*
2-Fluorobiphenyl (Surr)	*67*		*36 - 120*	*10/11/24 09:05*	*10/14/24 14:22*	*1*
2-Fluorophenol (Surr)	*72*		*26 - 120*	*10/11/24 09:05*	*10/14/24 14:22*	*1*
Nitrobenzene-d5 (Surr)	*64*		*28 - 120*	*10/11/24 09:05*	*10/14/24 14:22*	*1*
Phenol-d5 (Surr)	*72*		*29 - 120*	*10/11/24 09:05*	*10/14/24 14:22*	*1*
Terphenyl-d14 (Surr)	*59*		*37 - 120*	*10/11/24 09:05*	*10/14/24 14:22*	*1*

Method: SW846 6010D - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	**7.3**		3.3	0.69	mg/Kg	☼	10/11/24 15:00	10/12/24 19:59	1
Barium	**73**	**B**	43	0.27	mg/Kg	☼	10/11/24 15:00	10/12/24 19:59	1
Cadmium	**0.50**	**J**	1.1	0.10	mg/Kg	☼	10/11/24 15:00	10/12/24 19:59	1
Chromium	**26**		2.2	0.74	mg/Kg	☼	10/11/24 15:00	10/12/24 19:59	1
Copper	**9.4**		5.4	1.5	mg/Kg	☼	10/11/24 15:00	10/12/24 19:59	1
Lead	**27**		2.2	0.61	mg/Kg	☼	10/11/24 15:00	10/12/24 19:59	1
Selenium	**1.8**	**J**	4.3	1.0	mg/Kg	☼	10/11/24 15:00	10/12/24 19:59	1
Silver	ND		2.2	0.18	mg/Kg	☼	10/11/24 15:00	10/12/24 19:59	1
Zinc	**4700**		11	7.9	mg/Kg	☼	10/11/24 15:00	10/12/24 19:59	1

Method: SW846 7471B - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	**0.073**	**J**	0.26	0.046	mg/Kg	☼	10/11/24 15:00	10/14/24 11:06	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cyanide, Total (SW846 9012B)	**450**		58	46	mg/Kg	☼	10/15/24 14:23	10/15/24 17:32	50

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Solids (EPA Moisture)	**43.4**		0.1	0.1	%			10/11/24 11:51	1
Percent Moisture (EPA Moisture)	**56.6**		0.1	0.1	%			10/11/24 11:51	1

Client: August Mack Environmental, Inc.
Project/Site: MSC Canfield

Job ID: 240-212801-1

Client Sample ID: SB-29-0.5

Date Collected: 10/08/24 15:10
Date Received: 10/10/24 15:15

Lab Sample ID: 240-212801-22

Matrix: Solid
Percent Solids: 51.8

Method: SW846 8270E - Semivolatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acenaphthene	ND		77	27	ug/Kg	☼	10/11/24 09:05	10/14/24 14:46	1
Acenaphthylene	ND		77	29	ug/Kg	☼	10/11/24 09:05	10/14/24 14:46	1
Anthracene	ND		77	23	ug/Kg	☼	10/11/24 09:05	10/14/24 14:46	1
Benzo[a]anthracene	**90**		77	29	ug/Kg	☼	10/11/24 09:05	10/14/24 14:46	1
Benzo[a]pyrene	**120**		77	27	ug/Kg	☼	10/11/24 09:05	10/14/24 14:46	1
Benzo[b]fluoranthene	**260**		77	23	ug/Kg	☼	10/11/24 09:05	10/14/24 14:46	1
Benzo[g,h,i]perylene	**130**		77	52	ug/Kg	☼	10/11/24 09:05	10/14/24 14:46	1
Benzo[k]fluoranthene	**86**		77	19	ug/Kg	☼	10/11/24 09:05	10/14/24 14:46	1
Chrysene	**180**		77	27	ug/Kg	☼	10/11/24 09:05	10/14/24 14:46	1
Dibenz(a,h)anthracene	ND		77	29	ug/Kg	☼	10/11/24 09:05	10/14/24 14:46	1
Fluoranthene	**290**		77	27	ug/Kg	☼	10/11/24 09:05	10/14/24 14:46	1
Fluorene	ND		77	27	ug/Kg	☼	10/11/24 09:05	10/14/24 14:46	1
Indeno[1,2,3-cd]pyrene	**100**		77	23	ug/Kg	☼	10/11/24 09:05	10/14/24 14:46	1
Naphthalene	ND		77	25	ug/Kg	☼	10/11/24 09:05	10/14/24 14:46	1
Phenanthrene	**83**		77	25	ug/Kg	☼	10/11/24 09:05	10/14/24 14:46	1
Pyrene	**230**		77	31	ug/Kg	☼	10/11/24 09:05	10/14/24 14:46	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2,4,6-Tribromophenol (Surr)	*83*		*10 - 120*	*10/11/24 09:05*	*10/14/24 14:46*	*1*
2-Fluorobiphenyl (Surr)	*72*		*36 - 120*	*10/11/24 09:05*	*10/14/24 14:46*	*1*
2-Fluorophenol (Surr)	*77*		*26 - 120*	*10/11/24 09:05*	*10/14/24 14:46*	*1*
Nitrobenzene-d5 (Surr)	*66*		*28 - 120*	*10/11/24 09:05*	*10/14/24 14:46*	*1*
Phenol-d5 (Surr)	*78*		*29 - 120*	*10/11/24 09:05*	*10/14/24 14:46*	*1*
Terphenyl-d14 (Surr)	*66*		*37 - 120*	*10/11/24 09:05*	*10/14/24 14:46*	*1*

Method: SW846 6010D - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	**9.2**		2.7	0.56	mg/Kg	☼	10/11/24 15:00	10/12/24 20:03	1
Barium	**120**	**B**	36	0.23	mg/Kg	☼	10/11/24 15:00	10/12/24 20:03	1
Cadmium	**0.50**	**J**	0.89	0.086	mg/Kg	☼	10/11/24 15:00	10/12/24 20:03	1
Chromium	**27**		1.8	0.61	mg/Kg	☼	10/11/24 15:00	10/12/24 20:03	1
Copper	**22**		4.5	1.3	mg/Kg	☼	10/11/24 15:00	10/12/24 20:03	1
Lead	**42**		1.8	0.50	mg/Kg	☼	10/11/24 15:00	10/12/24 20:03	1
Selenium	ND		3.6	0.84	mg/Kg	☼	10/11/24 15:00	10/12/24 20:03	1
Silver	ND		1.8	0.14	mg/Kg	☼	10/11/24 15:00	10/12/24 20:03	1
Zinc	**170**		8.9	6.5	mg/Kg	☼	10/11/24 15:00	10/12/24 20:03	1

Method: SW846 7471B - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	**0.083**	**J**	0.19	0.034	mg/Kg	☼	10/11/24 15:00	10/14/24 11:07	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cyanide, Total (SW846 9012B)	**220**		52	42	mg/Kg	☼	10/15/24 14:23	10/15/24 17:41	50

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Solids (EPA Moisture)	**51.8**		0.1	0.1	%			10/11/24 11:51	1
Percent Moisture (EPA Moisture)	**48.2**		0.1	0.1	%			10/11/24 11:51	1

Client Sample ID: SB-29-2.0
Date Collected: 10/08/24 15:20
Date Received: 10/10/24 15:15

Lab Sample ID: 240-212801-23
Matrix: Solid
Percent Solids: 75.5

Method: SW846 8270E - Semivolatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acenaphthene	ND		53	19	ug/Kg	☼	10/11/24 09:05	10/14/24 15:10	1
Acenaphthylene	ND		53	20	ug/Kg	☼	10/11/24 09:05	10/14/24 15:10	1
Anthracene	ND		53	16	ug/Kg	☼	10/11/24 09:05	10/14/24 15:10	1
Benzo[a]anthracene	ND		53	20	ug/Kg	☼	10/11/24 09:05	10/14/24 15:10	1
Benzo[a]pyrene	**19**	**J**	53	19	ug/Kg	☼	10/11/24 09:05	10/14/24 15:10	1
Benzo[b]fluoranthene	**36**	**J**	53	16	ug/Kg	☼	10/11/24 09:05	10/14/24 15:10	1
Benzo[g,h,i]perylene	ND		53	36	ug/Kg	☼	10/11/24 09:05	10/14/24 15:10	1
Benzo[k]fluoranthene	**14**	**J**	53	13	ug/Kg	☼	10/11/24 09:05	10/14/24 15:10	1
Chrysene	**24**	**J**	53	19	ug/Kg	☼	10/11/24 09:05	10/14/24 15:10	1
Dibenz(a,h)anthracene	ND		53	20	ug/Kg	☼	10/11/24 09:05	10/14/24 15:10	1
Fluoranthene	**44**	**J**	53	19	ug/Kg	☼	10/11/24 09:05	10/14/24 15:10	1
Fluorene	ND		53	19	ug/Kg	☼	10/11/24 09:05	10/14/24 15:10	1
Indeno[1,2,3-cd]pyrene	ND		53	16	ug/Kg	☼	10/11/24 09:05	10/14/24 15:10	1
Naphthalene	ND		53	17	ug/Kg	☼	10/11/24 09:05	10/14/24 15:10	1
Phenanthrene	ND		53	17	ug/Kg	☼	10/11/24 09:05	10/14/24 15:10	1
Pyrene	**33**	**J**	53	21	ug/Kg	☼	10/11/24 09:05	10/14/24 15:10	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2,4,6-Tribromophenol (Surr)	*86*		*10 - 120*	*10/11/24 09:05*	*10/14/24 15:10*	*1*
2-Fluorobiphenyl (Surr)	*73*		*36 - 120*	*10/11/24 09:05*	*10/14/24 15:10*	*1*
2-Fluorophenol (Surr)	*81*		*26 - 120*	*10/11/24 09:05*	*10/14/24 15:10*	*1*
Nitrobenzene-d5 (Surr)	*61*		*28 - 120*	*10/11/24 09:05*	*10/14/24 15:10*	*1*
Phenol-d5 (Surr)	*82*		*29 - 120*	*10/11/24 09:05*	*10/14/24 15:10*	*1*
Terphenyl-d14 (Surr)	*75*		*37 - 120*	*10/11/24 09:05*	*10/14/24 15:10*	*1*

Method: SW846 6010D - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	**5.6**		1.7	0.35	mg/Kg	☼	10/11/24 15:00	10/12/24 20:07	1
Barium	**67**	**B**	22	0.14	mg/Kg	☼	10/11/24 15:00	10/12/24 20:07	1
Cadmium	**0.17**	**J**	0.55	0.053	mg/Kg	☼	10/11/24 15:00	10/12/24 20:07	1
Chromium	**10**		1.1	0.38	mg/Kg	☼	10/11/24 15:00	10/12/24 20:07	1
Copper	**9.1**		2.8	0.77	mg/Kg	☼	10/11/24 15:00	10/12/24 20:07	1
Lead	**14**		1.1	0.31	mg/Kg	☼	10/11/24 15:00	10/12/24 20:07	1
Selenium	ND		2.2	0.52	mg/Kg	☼	10/11/24 15:00	10/12/24 20:07	1
Silver	ND		1.1	0.089	mg/Kg	☼	10/11/24 15:00	10/12/24 20:07	1
Zinc	**69**		5.5	4.0	mg/Kg	☼	10/11/24 15:00	10/12/24 20:07	1

Method: SW846 7471B - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	**0.044**	**J**	0.13	0.024	mg/Kg	☼	10/11/24 15:00	10/14/24 11:09	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cyanide, Total (SW846 9012B)	**6.6**	**J**	7.2	5.7	mg/Kg	☼	10/15/24 14:23	10/15/24 17:49	10

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Solids (EPA Moisture)	**75.5**		0.1	0.1	%			10/11/24 12:10	1
Percent Moisture (EPA Moisture)	**24.5**		0.1	0.1	%			10/11/24 12:10	1

Client: August Mack Environmental, Inc.
Project/Site: MSC Canfield

Job ID: 240-212801-1

Client Sample ID: SB-34-0

Date Collected: 10/08/24 15:45
Date Received: 10/10/24 15:15

Lab Sample ID: 240-212801-24

Matrix: Solid
Percent Solids: 67.8

Method: SW846 8270E - Semivolatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acenaphthene	ND		60	21	ug/Kg	☼	10/11/24 09:05	10/14/24 15:34	1
Acenaphthylene	**28**	**J**	60	22	ug/Kg	☼	10/11/24 09:05	10/14/24 15:34	1
Anthracene	**63**		60	18	ug/Kg	☼	10/11/24 09:05	10/14/24 15:34	1
Benzo[a]anthracene	**400**		60	22	ug/Kg	☼	10/11/24 09:05	10/14/24 15:34	1
Benzo[a]pyrene	**610**		60	21	ug/Kg	☼	10/11/24 09:05	10/14/24 15:34	1
Benzo[b]fluoranthene	**1100**		60	18	ug/Kg	☼	10/11/24 09:05	10/14/24 15:34	1
Benzo[g,h,i]perylene	**620**		60	40	ug/Kg	☼	10/11/24 09:05	10/14/24 15:34	1
Benzo[k]fluoranthene	**440**		60	15	ug/Kg	☼	10/11/24 09:05	10/14/24 15:34	1
Chrysene	**750**		60	21	ug/Kg	☼	10/11/24 09:05	10/14/24 15:34	1
Dibenz(a,h)anthracene	**120**		60	22	ug/Kg	☼	10/11/24 09:05	10/14/24 15:34	1
Fluoranthene	**1200**		60	21	ug/Kg	☼	10/11/24 09:05	10/14/24 15:34	1
Fluorene	**23**	**J**	60	21	ug/Kg	☼	10/11/24 09:05	10/14/24 15:34	1
Indeno[1,2,3-cd]pyrene	**490**		60	18	ug/Kg	☼	10/11/24 09:05	10/14/24 15:34	1
Naphthalene	**42**	**J**	60	19	ug/Kg	☼	10/11/24 09:05	10/14/24 15:34	1
Phenanthrene	**380**		60	19	ug/Kg	☼	10/11/24 09:05	10/14/24 15:34	1
Pyrene	**950**		60	24	ug/Kg	☼	10/11/24 09:05	10/14/24 15:34	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2,4,6-Tribromophenol (Surr)	*72*		*10 - 120*	*10/11/24 09:05*	*10/14/24 15:34*	*1*
2-Fluorobiphenyl (Surr)	*72*		*36 - 120*	*10/11/24 09:05*	*10/14/24 15:34*	*1*
2-Fluorophenol (Surr)	*76*		*26 - 120*	*10/11/24 09:05*	*10/14/24 15:34*	*1*
Nitrobenzene-d5 (Surr)	*65*		*28 - 120*	*10/11/24 09:05*	*10/14/24 15:34*	*1*
Phenol-d5 (Surr)	*77*		*29 - 120*	*10/11/24 09:05*	*10/14/24 15:34*	*1*
Terphenyl-d14 (Surr)	*69*		*37 - 120*	*10/11/24 09:05*	*10/14/24 15:34*	*1*

Method: SW846 6010D - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	**10**		1.8	0.37	mg/Kg	☼	10/11/24 15:00	10/12/24 20:12	1
Barium	**69**	**B**	23	0.15	mg/Kg	☼	10/11/24 15:00	10/12/24 20:12	1
Cadmium	**0.39**	**J**	0.59	0.056	mg/Kg	☼	10/11/24 15:00	10/12/24 20:12	1
Chromium	**28**		1.2	0.40	mg/Kg	☼	10/11/24 15:00	10/12/24 20:12	1
Copper	**6.0**		2.9	0.82	mg/Kg	☼	10/11/24 15:00	10/12/24 20:12	1
Lead	**28**		1.2	0.33	mg/Kg	☼	10/11/24 15:00	10/12/24 20:12	1
Selenium	ND		2.3	0.55	mg/Kg	☼	10/11/24 15:00	10/12/24 20:12	1
Silver	ND		1.2	0.095	mg/Kg	☼	10/11/24 15:00	10/12/24 20:12	1
Zinc	**3700**		29	21	mg/Kg	☼	10/11/24 15:00	10/15/24 00:42	5

Method: SW846 7471B - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	**0.039**	**J**	0.14	0.025	mg/Kg	☼	10/11/24 15:00	10/14/24 11:11	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cyanide, Total (SW846 9012B)	**500**		33	26	mg/Kg	☼	10/15/24 14:23	10/15/24 18:08	50

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Solids (EPA Moisture)	**67.8**		0.1	0.1	%			10/11/24 12:10	1
Percent Moisture (EPA Moisture)	**32.2**		0.1	0.1	%			10/11/24 12:10	1

Client: August Mack Environmental, Inc.
Project/Site: MSC Canfield

Job ID: 240-212801-1

Client Sample ID: SB-34-0.5

Date Collected: 10/08/24 15:50
Date Received: 10/10/24 15:15

Lab Sample ID: 240-212801-25

Matrix: Solid
Percent Solids: 81.4

Method: SW846 8270E - Semivolatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acenaphthene	ND		49	17	ug/Kg	☼	10/11/24 09:05	10/14/24 15:58	1
Acenaphthylene	ND		49	18	ug/Kg	☼	10/11/24 09:05	10/14/24 15:58	1
Anthracene	ND		49	15	ug/Kg	☼	10/11/24 09:05	10/14/24 15:58	1
Benzo[a]anthracene	**27**	**J**	49	18	ug/Kg	☼	10/11/24 09:05	10/14/24 15:58	1
Benzo[a]pyrene	**35**	**J**	49	17	ug/Kg	☼	10/11/24 09:05	10/14/24 15:58	1
Benzo[b]fluoranthene	**65**		49	15	ug/Kg	☼	10/11/24 09:05	10/14/24 15:58	1
Benzo[g,h,i]perylene	**39**	**J**	49	33	ug/Kg	☼	10/11/24 09:05	10/14/24 15:58	1
Benzo[k]fluoranthene	**21**	**J**	49	12	ug/Kg	☼	10/11/24 09:05	10/14/24 15:58	1
Chrysene	**42**	**J**	49	17	ug/Kg	☼	10/11/24 09:05	10/14/24 15:58	1
Dibenz(a,h)anthracene	ND		49	18	ug/Kg	☼	10/11/24 09:05	10/14/24 15:58	1
Fluoranthene	**67**		49	17	ug/Kg	☼	10/11/24 09:05	10/14/24 15:58	1
Fluorene	ND		49	17	ug/Kg	☼	10/11/24 09:05	10/14/24 15:58	1
Indeno[1,2,3-cd]pyrene	**27**	**J**	49	15	ug/Kg	☼	10/11/24 09:05	10/14/24 15:58	1
Naphthalene	ND		49	16	ug/Kg	☼	10/11/24 09:05	10/14/24 15:58	1
Phenanthrene	**25**	**J**	49	16	ug/Kg	☼	10/11/24 09:05	10/14/24 15:58	1
Pyrene	**55**		49	20	ug/Kg	☼	10/11/24 09:05	10/14/24 15:58	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2,4,6-Tribromophenol (Surr)	*36*		*10 - 120*	*10/11/24 09:05*	*10/14/24 15:58*	*1*
2-Fluorobiphenyl (Surr)	*64*		*36 - 120*	*10/11/24 09:05*	*10/14/24 15:58*	*1*
2-Fluorophenol (Surr)	*70*		*26 - 120*	*10/11/24 09:05*	*10/14/24 15:58*	*1*
Nitrobenzene-d5 (Surr)	*60*		*28 - 120*	*10/11/24 09:05*	*10/14/24 15:58*	*1*
Phenol-d5 (Surr)	*71*		*29 - 120*	*10/11/24 09:05*	*10/14/24 15:58*	*1*
Terphenyl-d14 (Surr)	*72*		*37 - 120*	*10/11/24 09:05*	*10/14/24 15:58*	*1*

Method: SW846 6010D - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	**14**		1.3	0.27	mg/Kg	☼	10/11/24 15:00	10/12/24 20:16	1
Barium	**35**	**B**	17	0.11	mg/Kg	☼	10/11/24 15:00	10/12/24 20:16	1
Cadmium	**0.088**	**J**	0.43	0.041	mg/Kg	☼	10/11/24 15:00	10/12/24 20:16	1
Chromium	**12**		0.85	0.29	mg/Kg	☼	10/11/24 15:00	10/12/24 20:16	1
Copper	**17**		2.1	0.60	mg/Kg	☼	10/11/24 15:00	10/12/24 20:16	1
Lead	**14**		0.85	0.24	mg/Kg	☼	10/11/24 15:00	10/12/24 20:16	1
Selenium	**0.53**	**J**	1.7	0.40	mg/Kg	☼	10/11/24 15:00	10/12/24 20:16	1
Silver	ND		0.85	0.069	mg/Kg	☼	10/11/24 15:00	10/12/24 20:16	1
Zinc	**180**		4.3	3.1	mg/Kg	☼	10/11/24 15:00	10/12/24 20:16	1

Method: SW846 7471B - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	**0.031**	**J**	0.12	0.022	mg/Kg	☼	10/11/24 15:00	10/14/24 11:16	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cyanide, Total (SW846 9012B)	**63**		5.9	4.7	mg/Kg	☼	10/15/24 14:23	10/15/24 18:13	10

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Solids (EPA Moisture)	**81.4**		0.1	0.1	%			10/11/24 12:10	1
Percent Moisture (EPA Moisture)	**18.6**		0.1	0.1	%			10/11/24 12:10	1

Client: August Mack Environmental, Inc.
Project/Site: MSC Canfield

Job ID: 240-212801-1

Client Sample ID: SB-34-2.0

Date Collected: 10/08/24 16:00
Date Received: 10/10/24 15:15

Lab Sample ID: 240-212801-26

Matrix: Solid
Percent Solids: 85.1

Method: SW846 8270E - Semivolatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acenaphthene	ND		47	17	ug/Kg	☼	10/11/24 09:05	10/14/24 16:22	1
Acenaphthylene	ND		47	18	ug/Kg	☼	10/11/24 09:05	10/14/24 16:22	1
Anthracene	ND		47	14	ug/Kg	☼	10/11/24 09:05	10/14/24 16:22	1
Benzo[a]anthracene	**20**	**J**	47	18	ug/Kg	☼	10/11/24 09:05	10/14/24 16:22	1
Benzo[a]pyrene	**21**	**J**	47	17	ug/Kg	☼	10/11/24 09:05	10/14/24 16:22	1
Benzo[b]fluoranthene	**39**	**J**	47	14	ug/Kg	☼	10/11/24 09:05	10/14/24 16:22	1
Benzo[g,h,i]perylene	ND		47	32	ug/Kg	☼	10/11/24 09:05	10/14/24 16:22	1
Benzo[k]fluoranthene	**13**	**J**	47	12	ug/Kg	☼	10/11/24 09:05	10/14/24 16:22	1
Chrysene	**26**	**J**	47	17	ug/Kg	☼	10/11/24 09:05	10/14/24 16:22	1
Dibenz(a,h)anthracene	ND		47	18	ug/Kg	☼	10/11/24 09:05	10/14/24 16:22	1
Fluoranthene	**40**	**J**	47	17	ug/Kg	☼	10/11/24 09:05	10/14/24 16:22	1
Fluorene	ND		47	17	ug/Kg	☼	10/11/24 09:05	10/14/24 16:22	1
Indeno[1,2,3-cd]pyrene	**17**	**J**	47	14	ug/Kg	☼	10/11/24 09:05	10/14/24 16:22	1
Naphthalene	ND		47	15	ug/Kg	☼	10/11/24 09:05	10/14/24 16:22	1
Phenanthrene	**25**	**J**	47	15	ug/Kg	☼	10/11/24 09:05	10/14/24 16:22	1
Pyrene	**38**	**J**	47	19	ug/Kg	☼	10/11/24 09:05	10/14/24 16:22	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2,4,6-Tribromophenol (Surr)	*43*		*10 - 120*	*10/11/24 09:05*	*10/14/24 16:22*	*1*
2-Fluorobiphenyl (Surr)	*74*		*36 - 120*	*10/11/24 09:05*	*10/14/24 16:22*	*1*
2-Fluorophenol (Surr)	*81*		*26 - 120*	*10/11/24 09:05*	*10/14/24 16:22*	*1*
Nitrobenzene-d5 (Surr)	*69*		*28 - 120*	*10/11/24 09:05*	*10/14/24 16:22*	*1*
Phenol-d5 (Surr)	*82*		*29 - 120*	*10/11/24 09:05*	*10/14/24 16:22*	*1*
Terphenyl-d14 (Surr)	*82*		*37 - 120*	*10/11/24 09:05*	*10/14/24 16:22*	*1*

Method: SW846 6010D - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	**12**		1.5	0.33	mg/Kg	☼	10/11/24 15:00	10/12/24 20:21	1
Barium	**38**	**B**	21	0.13	mg/Kg	☼	10/11/24 15:00	10/12/24 20:21	1
Cadmium	**0.12**	**J**	0.52	0.049	mg/Kg	☼	10/11/24 15:00	10/12/24 20:21	1
Chromium	**12**		1.0	0.35	mg/Kg	☼	10/11/24 15:00	10/12/24 20:21	1
Copper	**18**		2.6	0.72	mg/Kg	☼	10/11/24 15:00	10/12/24 20:21	1
Lead	**13**		1.0	0.29	mg/Kg	☼	10/11/24 15:00	10/12/24 20:21	1
Selenium	**0.52**	**J**	2.1	0.48	mg/Kg	☼	10/11/24 15:00	10/12/24 20:21	1
Silver	ND		1.0	0.083	mg/Kg	☼	10/11/24 15:00	10/12/24 20:21	1
Zinc	**200**		5.2	3.7	mg/Kg	☼	10/11/24 15:00	10/12/24 20:21	1

Method: SW846 7471B - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	**0.019**	**J**	0.10	0.019	mg/Kg	☼	10/11/24 15:00	10/14/24 11:18	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cyanide, Total (SW846 9012B)	**21**		5.6	4.5	mg/Kg	☼	10/15/24 14:23	10/15/24 18:17	10

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Solids (EPA Moisture)	**85.1**		0.1	0.1	%			10/11/24 12:10	1
Percent Moisture (EPA Moisture)	**14.9**		0.1	0.1	%			10/11/24 12:10	1

Client Sample ID: SB-33-0

Date Collected: 10/09/24 09:10
Date Received: 10/10/24 15:15

Lab Sample ID: 240-212801-30

Matrix: Solid
Percent Solids: 69.2

Method: SW846 8270E - Semivolatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acenaphthene	ND		57	20	ug/Kg	☼	10/11/24 09:05	10/14/24 16:46	1
Acenaphthylene	**25**	**J**	57	21	ug/Kg	☼	10/11/24 09:05	10/14/24 16:46	1
Anthracene	**47**	**J**	57	17	ug/Kg	☼	10/11/24 09:05	10/14/24 16:46	1
Benzo[a]anthracene	**310**		57	21	ug/Kg	☼	10/11/24 09:05	10/14/24 16:46	1
Benzo[a]pyrene	**470**		57	20	ug/Kg	☼	10/11/24 09:05	10/14/24 16:46	1
Benzo[b]fluoranthene	**1100**	**F1**	57	17	ug/Kg	☼	10/11/24 09:05	10/14/24 16:46	1
Benzo[g,h,i]perylene	**530**		57	38	ug/Kg	☼	10/11/24 09:05	10/14/24 16:46	1
Benzo[k]fluoranthene	**300**		57	14	ug/Kg	☼	10/11/24 09:05	10/14/24 16:46	1
Chrysene	**650**	**F1**	57	20	ug/Kg	☼	10/11/24 09:05	10/14/24 16:46	1
Dibenz(a,h)anthracene	**97**		57	21	ug/Kg	☼	10/11/24 09:05	10/14/24 16:46	1
Fluoranthene	**920**	**F1**	57	20	ug/Kg	☼	10/11/24 09:05	10/14/24 16:46	1
Fluorene	ND		57	20	ug/Kg	☼	10/11/24 09:05	10/14/24 16:46	1
Indeno[1,2,3-cd]pyrene	**440**		57	17	ug/Kg	☼	10/11/24 09:05	10/14/24 16:46	1
Naphthalene	**51**	**J**	57	19	ug/Kg	☼	10/11/24 09:05	10/14/24 16:46	1
Phenanthrene	**270**		57	19	ug/Kg	☼	10/11/24 09:05	10/14/24 16:46	1
Pyrene	**690**	**F1**	57	23	ug/Kg	☼	10/11/24 09:05	10/14/24 16:46	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2,4,6-Tribromophenol (Surr)	*51*		*10 - 120*	*10/11/24 09:05*	*10/14/24 16:46*	*1*
2-Fluorobiphenyl (Surr)	*64*		*36 - 120*	*10/11/24 09:05*	*10/14/24 16:46*	*1*
2-Fluorophenol (Surr)	*67*		*26 - 120*	*10/11/24 09:05*	*10/14/24 16:46*	*1*
Nitrobenzene-d5 (Surr)	*59*		*28 - 120*	*10/11/24 09:05*	*10/14/24 16:46*	*1*
Phenol-d5 (Surr)	*72*		*29 - 120*	*10/11/24 09:05*	*10/14/24 16:46*	*1*
Terphenyl-d14 (Surr)	*57*		*37 - 120*	*10/11/24 09:05*	*10/14/24 16:46*	*1*

Method: SW846 6010D - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	**11**		1.8	0.39	mg/Kg	☼	10/11/24 15:00	10/12/24 19:29	1
Barium	**80**	**B**	24	0.15	mg/Kg	☼	10/11/24 15:00	10/12/24 19:29	1
Cadmium	**0.39**	**J**	0.61	0.059	mg/Kg	☼	10/11/24 15:00	10/12/24 19:29	1
Chromium	**24**		1.2	0.42	mg/Kg	☼	10/11/24 15:00	10/12/24 19:29	1
Copper	**4.0**	**F1 F2**	3.1	0.86	mg/Kg	☼	10/11/24 15:00	10/12/24 19:29	1
Lead	**29**		1.2	0.35	mg/Kg	☼	10/11/24 15:00	10/12/24 19:29	1
Selenium	**0.67**	**J**	2.4	0.57	mg/Kg	☼	10/11/24 15:00	10/12/24 19:29	1
Silver	ND		1.2	0.099	mg/Kg	☼	10/11/24 15:00	10/12/24 19:29	1
Zinc	**7600**	**F2**	61	44	mg/Kg	☼	10/11/24 15:00	10/15/24 00:16	10

Method: SW846 7471B - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	**0.039**	**J**	0.16	0.028	mg/Kg	☼	10/11/24 15:00	10/14/24 11:00	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cyanide, Total (SW846 9012B)	**390**		36	29	mg/Kg	☼	10/15/24 14:23	10/15/24 16:39	50

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Solids (EPA Moisture)	**69.2**		0.1	0.1	%			10/11/24 12:10	1
Percent Moisture (EPA Moisture)	**30.8**		0.1	0.1	%			10/11/24 12:10	1

Client Sample ID: SB-33-0.5
Date Collected: 10/09/24 09:20
Date Received: 10/10/24 15:15

Lab Sample ID: 240-212801-31
Matrix: Solid
Percent Solids: 83.6

Method: SW846 8270E - Semivolatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acenaphthene	ND		47	17	ug/Kg	☼	10/11/24 09:05	10/14/24 17:58	1
Acenaphthylene	**18**	**J**	47	18	ug/Kg	☼	10/11/24 09:05	10/14/24 17:58	1
Anthracene	**23**	**J**	47	14	ug/Kg	☼	10/11/24 09:05	10/14/24 17:58	1
Benzo[a]anthracene	**110**		47	18	ug/Kg	☼	10/11/24 09:05	10/14/24 17:58	1
Benzo[a]pyrene	**120**		47	17	ug/Kg	☼	10/11/24 09:05	10/14/24 17:58	1
Benzo[b]fluoranthene	**200**		47	14	ug/Kg	☼	10/11/24 09:05	10/14/24 17:58	1
Benzo[g,h,i]perylene	**88**		47	32	ug/Kg	☼	10/11/24 09:05	10/14/24 17:58	1
Benzo[k]fluoranthene	**66**		47	12	ug/Kg	☼	10/11/24 09:05	10/14/24 17:58	1
Chrysene	**140**		47	17	ug/Kg	☼	10/11/24 09:05	10/14/24 17:58	1
Dibenz(a,h)anthracene	**20**	**J**	47	18	ug/Kg	☼	10/11/24 09:05	10/14/24 17:58	1
Fluoranthene	**280**		47	17	ug/Kg	☼	10/11/24 09:05	10/14/24 17:58	1
Fluorene	ND		47	17	ug/Kg	☼	10/11/24 09:05	10/14/24 17:58	1
Indeno[1,2,3-cd]pyrene	**71**		47	14	ug/Kg	☼	10/11/24 09:05	10/14/24 17:58	1
Naphthalene	**41**	**J**	47	15	ug/Kg	☼	10/11/24 09:05	10/14/24 17:58	1
Phenanthrene	**100**		47	15	ug/Kg	☼	10/11/24 09:05	10/14/24 17:58	1
Pyrene	**210**		47	19	ug/Kg	☼	10/11/24 09:05	10/14/24 17:58	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2,4,6-Tribromophenol (Surr)	*29*		*10 - 120*	*10/11/24 09:05*	*10/14/24 17:58*	*1*
2-Fluorobiphenyl (Surr)	*69*		*36 - 120*	*10/11/24 09:05*	*10/14/24 17:58*	*1*
2-Fluorophenol (Surr)	*77*		*26 - 120*	*10/11/24 09:05*	*10/14/24 17:58*	*1*
Nitrobenzene-d5 (Surr)	*67*		*28 - 120*	*10/11/24 09:05*	*10/14/24 17:58*	*1*
Phenol-d5 (Surr)	*77*		*29 - 120*	*10/11/24 09:05*	*10/14/24 17:58*	*1*
Terphenyl-d14 (Surr)	*70*		*37 - 120*	*10/11/24 09:05*	*10/14/24 17:58*	*1*

Method: SW846 6010D - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	**14**		1.6	0.34	mg/Kg	☼	10/11/24 15:00	10/12/24 20:34	1
Barium	**47**	**B**	21	0.13	mg/Kg	☼	10/11/24 15:00	10/12/24 20:34	1
Cadmium	**0.12**	**J**	0.53	0.051	mg/Kg	☼	10/11/24 15:00	10/12/24 20:34	1
Chromium	**12**		1.1	0.37	mg/Kg	☼	10/11/24 15:00	10/12/24 20:34	1
Copper	**18**		2.7	0.75	mg/Kg	☼	10/11/24 15:00	10/12/24 20:34	1
Lead	**15**		1.1	0.30	mg/Kg	☼	10/11/24 15:00	10/12/24 20:34	1
Selenium	**0.63**	**J**	2.1	0.50	mg/Kg	☼	10/11/24 15:00	10/12/24 20:34	1
Silver	ND		1.1	0.086	mg/Kg	☼	10/11/24 15:00	10/12/24 20:34	1
Zinc	**280**		5.3	3.9	mg/Kg	☼	10/11/24 15:00	10/12/24 20:34	1

Method: SW846 7471B - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	**0.029**	**J**	0.11	0.020	mg/Kg	☼	10/11/24 15:00	10/14/24 11:19	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cyanide, Total (SW846 9012B)	**36**		5.5	4.4	mg/Kg	☼	10/15/24 14:23	10/15/24 16:53	10

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Solids (EPA Moisture)	**83.6**		0.1	0.1	%			10/11/24 12:10	1
Percent Moisture (EPA Moisture)	**16.4**		0.1	0.1	%			10/11/24 12:10	1

Client: August Mack Environmental, Inc.
Project/Site: MSC Canfield

Job ID: 240-212801-1

Client Sample ID: SB-33-2.0
Date Collected: 10/09/24 09:30
Date Received: 10/10/24 15:15

Lab Sample ID: 240-212801-32
Matrix: Solid
Percent Solids: 82.8

Method: SW846 8270E - Semivolatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acenaphthene	ND		48	17	ug/Kg	☼	10/11/24 09:05	10/14/24 18:22	1
Acenaphthylene	ND		48	18	ug/Kg	☼	10/11/24 09:05	10/14/24 18:22	1
Anthracene	ND		48	14	ug/Kg	☼	10/11/24 09:05	10/14/24 18:22	1
Benzo[a]anthracene	ND		48	18	ug/Kg	☼	10/11/24 09:05	10/14/24 18:22	1
Benzo[a]pyrene	ND		48	17	ug/Kg	☼	10/11/24 09:05	10/14/24 18:22	1
Benzo[b]fluoranthene	ND		48	14	ug/Kg	☼	10/11/24 09:05	10/14/24 18:22	1
Benzo[g,h,i]perylene	ND		48	32	ug/Kg	☼	10/11/24 09:05	10/14/24 18:22	1
Benzo[k]fluoranthene	ND		48	12	ug/Kg	☼	10/11/24 09:05	10/14/24 18:22	1
Chrysene	ND		48	17	ug/Kg	☼	10/11/24 09:05	10/14/24 18:22	1
Dibenz(a,h)anthracene	ND		48	18	ug/Kg	☼	10/11/24 09:05	10/14/24 18:22	1
Fluoranthene	ND		48	17	ug/Kg	☼	10/11/24 09:05	10/14/24 18:22	1
Fluorene	ND		48	17	ug/Kg	☼	10/11/24 09:05	10/14/24 18:22	1
Indeno[1,2,3-cd]pyrene	ND		48	14	ug/Kg	☼	10/11/24 09:05	10/14/24 18:22	1
Naphthalene	ND		48	16	ug/Kg	☼	10/11/24 09:05	10/14/24 18:22	1
Phenanthrene	ND		48	16	ug/Kg	☼	10/11/24 09:05	10/14/24 18:22	1
Pyrene	ND		48	19	ug/Kg	☼	10/11/24 09:05	10/14/24 18:22	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2,4,6-Tribromophenol (Surr)	*33*		*10 - 120*	*10/11/24 09:05*	*10/14/24 18:22*	*1*
2-Fluorobiphenyl (Surr)	*65*		*36 - 120*	*10/11/24 09:05*	*10/14/24 18:22*	*1*
2-Fluorophenol (Surr)	*72*		*26 - 120*	*10/11/24 09:05*	*10/14/24 18:22*	*1*
Nitrobenzene-d5 (Surr)	*58*		*28 - 120*	*10/11/24 09:05*	*10/14/24 18:22*	*1*
Phenol-d5 (Surr)	*73*		*29 - 120*	*10/11/24 09:05*	*10/14/24 18:22*	*1*
Terphenyl-d14 (Surr)	*73*		*37 - 120*	*10/11/24 09:05*	*10/14/24 18:22*	*1*

Method: SW846 6010D - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	**11**		1.3	0.27	mg/Kg	☼	10/11/24 15:00	10/12/24 20:38	1
Barium	**40**	**B**	17	0.11	mg/Kg	☼	10/11/24 15:00	10/12/24 20:38	1
Cadmium	**0.078**	**J**	0.43	0.041	mg/Kg	☼	10/11/24 15:00	10/12/24 20:38	1
Chromium	**11**		0.85	0.29	mg/Kg	☼	10/11/24 15:00	10/12/24 20:38	1
Copper	**12**		2.1	0.60	mg/Kg	☼	10/11/24 15:00	10/12/24 20:38	1
Lead	**13**		0.85	0.24	mg/Kg	☼	10/11/24 15:00	10/12/24 20:38	1
Selenium	ND		1.7	0.40	mg/Kg	☼	10/11/24 15:00	10/12/24 20:38	1
Silver	ND		0.85	0.069	mg/Kg	☼	10/11/24 15:00	10/12/24 20:38	1
Zinc	**190**		4.3	3.1	mg/Kg	☼	10/11/24 15:00	10/12/24 20:38	1

Method: SW846 7471B - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	ND		0.12	0.022	mg/Kg	☼	10/11/24 15:00	10/14/24 11:21	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cyanide, Total (SW846 9012B)	**8.1**		5.6	4.4	mg/Kg	☼	10/15/24 14:23	10/15/24 16:57	10

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Solids (EPA Moisture)	**82.8**		0.1	0.1	%			10/11/24 12:10	1
Percent Moisture (EPA Moisture)	**17.2**		0.1	0.1	%			10/11/24 12:10	1

Client Sample ID: DUP-11-20241009
Date Collected: 10/09/24 00:00
Date Received: 10/10/24 15:15

Lab Sample ID: 240-212801-33
Matrix: Solid
Percent Solids: 63.0

Method: SW846 8270E - Semivolatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acenaphthene	ND		62	22	ug/Kg	☼	10/11/24 09:05	10/14/24 18:46	1
Acenaphthylene	ND		62	23	ug/Kg	☼	10/11/24 09:05	10/14/24 18:46	1
Anthracene	**39**	**J**	62	19	ug/Kg	☼	10/11/24 09:05	10/14/24 18:46	1
Benzo[a]anthracene	**290**		62	23	ug/Kg	☼	10/11/24 09:05	10/14/24 18:46	1
Benzo[a]pyrene	**410**		62	22	ug/Kg	☼	10/11/24 09:05	10/14/24 18:46	1
Benzo[b]fluoranthene	**950**		62	19	ug/Kg	☼	10/11/24 09:05	10/14/24 18:46	1
Benzo[g,h,i]perylene	**390**		62	42	ug/Kg	☼	10/11/24 09:05	10/14/24 18:46	1
Benzo[k]fluoranthene	**290**		62	15	ug/Kg	☼	10/11/24 09:05	10/14/24 18:46	1
Chrysene	**650**		62	22	ug/Kg	☼	10/11/24 09:05	10/14/24 18:46	1
Dibenz(a,h)anthracene	**79**		62	23	ug/Kg	☼	10/11/24 09:05	10/14/24 18:46	1
Fluoranthene	**1100**		62	22	ug/Kg	☼	10/11/24 09:05	10/14/24 18:46	1
Fluorene	ND		62	22	ug/Kg	☼	10/11/24 09:05	10/14/24 18:46	1
Indeno[1,2,3-cd]pyrene	**330**		62	19	ug/Kg	☼	10/11/24 09:05	10/14/24 18:46	1
Naphthalene	**33**	**J**	62	20	ug/Kg	☼	10/11/24 09:05	10/14/24 18:46	1
Phenanthrene	**280**		62	20	ug/Kg	☼	10/11/24 09:05	10/14/24 18:46	1
Pyrene	**810**		62	25	ug/Kg	☼	10/11/24 09:05	10/14/24 18:46	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2,4,6-Tribromophenol (Surr)	*48*		*10 - 120*	*10/11/24 09:05*	*10/14/24 18:46*	*1*
2-Fluorobiphenyl (Surr)	*70*		*36 - 120*	*10/11/24 09:05*	*10/14/24 18:46*	*1*
2-Fluorophenol (Surr)	*72*		*26 - 120*	*10/11/24 09:05*	*10/14/24 18:46*	*1*
Nitrobenzene-d5 (Surr)	*64*		*28 - 120*	*10/11/24 09:05*	*10/14/24 18:46*	*1*
Phenol-d5 (Surr)	*75*		*29 - 120*	*10/11/24 09:05*	*10/14/24 18:46*	*1*
Terphenyl-d14 (Surr)	*64*		*37 - 120*	*10/11/24 09:05*	*10/14/24 18:46*	*1*

Method: SW846 6010D - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	**7.0**		1.8	0.38	mg/Kg	☼	10/11/24 15:00	10/12/24 20:42	1
Barium	**91**	**B**	24	0.15	mg/Kg	☼	10/11/24 15:00	10/12/24 20:42	1
Cadmium	**0.24**	**J**	0.60	0.058	mg/Kg	☼	10/11/24 15:00	10/12/24 20:42	1
Chromium	**13**		1.2	0.41	mg/Kg	☼	10/11/24 15:00	10/12/24 20:42	1
Copper	ND		3.0	0.84	mg/Kg	☼	10/11/24 15:00	10/12/24 20:42	1
Lead	**19**		1.2	0.34	mg/Kg	☼	10/11/24 15:00	10/12/24 20:42	1
Selenium	ND		2.4	0.56	mg/Kg	☼	10/11/24 15:00	10/12/24 20:42	1
Silver	ND		1.2	0.097	mg/Kg	☼	10/11/24 15:00	10/12/24 20:42	1
Zinc	**33000**		600	440	mg/Kg	☼	10/11/24 15:00	10/15/24 00:46	100

Method: SW846 7471B - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	ND		0.19	0.034	mg/Kg	☼	10/11/24 15:00	10/14/24 11:23	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cyanide, Total (SW846 9012B)	**760**		43	34	mg/Kg	☼	10/15/24 14:23	10/15/24 17:02	50

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Solids (EPA Moisture)	**63.0**		0.1	0.1	%			10/11/24 12:10	1
Percent Moisture (EPA Moisture)	**37.0**		0.1	0.1	%			10/11/24 12:10	1

Client: August Mack Environmental, Inc.
Project/Site: MSC Canfield

Job ID: 240-212801-1

Client Sample ID: SB-32-0
Date Collected: 10/09/24 09:50
Date Received: 10/10/24 15:15

Lab Sample ID: 240-212801-34
Matrix: Solid
Percent Solids: 63.4

Method: SW846 8270E - Semivolatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acenaphthene	ND		62	22	ug/Kg	☼	10/11/24 09:05	10/14/24 19:09	1
Acenaphthylene	ND		62	23	ug/Kg	☼	10/11/24 09:05	10/14/24 19:09	1
Anthracene	**38**	**J**	62	19	ug/Kg	☼	10/11/24 09:05	10/14/24 19:09	1
Benzo[a]anthracene	**240**		62	23	ug/Kg	☼	10/11/24 09:05	10/14/24 19:09	1
Benzo[a]pyrene	**350**		62	22	ug/Kg	☼	10/11/24 09:05	10/14/24 19:09	1
Benzo[b]fluoranthene	**750**		62	19	ug/Kg	☼	10/11/24 09:05	10/14/24 19:09	1
Benzo[g,h,i]perylene	**350**		62	42	ug/Kg	☼	10/11/24 09:05	10/14/24 19:09	1
Benzo[k]fluoranthene	**270**		62	16	ug/Kg	☼	10/11/24 09:05	10/14/24 19:09	1
Chrysene	**520**		62	22	ug/Kg	☼	10/11/24 09:05	10/14/24 19:09	1
Dibenz(a,h)anthracene	**72**		62	23	ug/Kg	☼	10/11/24 09:05	10/14/24 19:09	1
Fluoranthene	**930**		62	22	ug/Kg	☼	10/11/24 09:05	10/14/24 19:09	1
Fluorene	ND		62	22	ug/Kg	☼	10/11/24 09:05	10/14/24 19:09	1
Indeno[1,2,3-cd]pyrene	**290**		62	19	ug/Kg	☼	10/11/24 09:05	10/14/24 19:09	1
Naphthalene	**38**	**J**	62	20	ug/Kg	☼	10/11/24 09:05	10/14/24 19:09	1
Phenanthrene	**250**		62	20	ug/Kg	☼	10/11/24 09:05	10/14/24 19:09	1
Pyrene	**660**		62	25	ug/Kg	☼	10/11/24 09:05	10/14/24 19:09	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2,4,6-Tribromophenol (Surr)	*32*		*10 - 120*	*10/11/24 09:05*	*10/14/24 19:09*	*1*
2-Fluorobiphenyl (Surr)	*61*		*36 - 120*	*10/11/24 09:05*	*10/14/24 19:09*	*1*
2-Fluorophenol (Surr)	*55*		*26 - 120*	*10/11/24 09:05*	*10/14/24 19:09*	*1*
Nitrobenzene-d5 (Surr)	*50*		*28 - 120*	*10/11/24 09:05*	*10/14/24 19:09*	*1*
Phenol-d5 (Surr)	*60*		*29 - 120*	*10/11/24 09:05*	*10/14/24 19:09*	*1*
Terphenyl-d14 (Surr)	*48*		*37 - 120*	*10/11/24 09:05*	*10/14/24 19:09*	*1*

Method: SW846 6010D - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	**7.5**		2.1	0.44	mg/Kg	☼	10/11/24 15:00	10/12/24 20:47	1
Barium	**110**	**B**	28	0.17	mg/Kg	☼	10/11/24 15:00	10/12/24 20:47	1
Cadmium	**0.31**	**J**	0.69	0.066	mg/Kg	☼	10/11/24 15:00	10/12/24 20:47	1
Chromium	**16**		1.4	0.47	mg/Kg	☼	10/11/24 15:00	10/12/24 20:47	1
Copper	ND		3.5	0.97	mg/Kg	☼	10/11/24 15:00	10/12/24 20:47	1
Lead	**25**		1.4	0.39	mg/Kg	☼	10/11/24 15:00	10/12/24 20:47	1
Selenium	**0.81**	**J**	2.8	0.65	mg/Kg	☼	10/11/24 15:00	10/12/24 20:47	1
Silver	ND		1.4	0.11	mg/Kg	☼	10/11/24 15:00	10/12/24 20:47	1
Zinc	**21000**		350	250	mg/Kg	☼	10/11/24 15:00	10/15/24 00:50	50

Method: SW846 7471B - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	**0.038**	**J**	0.16	0.028	mg/Kg	☼	10/11/24 15:00	10/14/24 11:24	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cyanide, Total (SW846 9012B)	**700**		38	30	mg/Kg	☼	10/15/24 14:23	10/15/24 17:10	50

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Solids (EPA Moisture)	**63.4**		0.1	0.1	%			10/11/24 12:10	1
Percent Moisture (EPA Moisture)	**36.6**		0.1	0.1	%			10/11/24 12:10	1

Client: August Mack Environmental, Inc.
Project/Site: MSC Canfield

Job ID: 240-212801-1

Client Sample ID: SB-32-0.5

Date Collected: 10/09/24 10:00
Date Received: 10/10/24 15:15

Lab Sample ID: 240-212801-35

Matrix: Solid
Percent Solids: 64.5

Method: SW846 8270E - Semivolatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acenaphthene	ND		62	22	ug/Kg	☼	10/11/24 09:05	10/14/24 19:33	1
Acenaphthylene	ND		62	23	ug/Kg	☼	10/11/24 09:05	10/14/24 19:33	1
Anthracene	**39**	**J**	62	19	ug/Kg	☼	10/11/24 09:05	10/14/24 19:33	1
Benzo[a]anthracene	**230**		62	23	ug/Kg	☼	10/11/24 09:05	10/14/24 19:33	1
Benzo[a]pyrene	**310**		62	22	ug/Kg	☼	10/11/24 09:05	10/14/24 19:33	1
Benzo[b]fluoranthene	**560**		62	19	ug/Kg	☼	10/11/24 09:05	10/14/24 19:33	1
Benzo[g,h,i]perylene	**260**		62	42	ug/Kg	☼	10/11/24 09:05	10/14/24 19:33	1
Benzo[k]fluoranthene	**200**		62	15	ug/Kg	☼	10/11/24 09:05	10/14/24 19:33	1
Chrysene	**380**		62	22	ug/Kg	☼	10/11/24 09:05	10/14/24 19:33	1
Dibenz(a,h)anthracene	**53**	**J**	62	23	ug/Kg	☼	10/11/24 09:05	10/14/24 19:33	1
Fluoranthene	**680**		62	22	ug/Kg	☼	10/11/24 09:05	10/14/24 19:33	1
Fluorene	ND		62	22	ug/Kg	☼	10/11/24 09:05	10/14/24 19:33	1
Indeno[1,2,3-cd]pyrene	**210**		62	19	ug/Kg	☼	10/11/24 09:05	10/14/24 19:33	1
Naphthalene	**50**	**J**	62	20	ug/Kg	☼	10/11/24 09:05	10/14/24 19:33	1
Phenanthrene	**230**		62	20	ug/Kg	☼	10/11/24 09:05	10/14/24 19:33	1
Pyrene	**530**		62	25	ug/Kg	☼	10/11/24 09:05	10/14/24 19:33	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2,4,6-Tribromophenol (Surr)	*57*		*10 - 120*	*10/11/24 09:05*	*10/14/24 19:33*	*1*
2-Fluorobiphenyl (Surr)	*67*		*36 - 120*	*10/11/24 09:05*	*10/14/24 19:33*	*1*
2-Fluorophenol (Surr)	*71*		*26 - 120*	*10/11/24 09:05*	*10/14/24 19:33*	*1*
Nitrobenzene-d5 (Surr)	*63*		*28 - 120*	*10/11/24 09:05*	*10/14/24 19:33*	*1*
Phenol-d5 (Surr)	*72*		*29 - 120*	*10/11/24 09:05*	*10/14/24 19:33*	*1*
Terphenyl-d14 (Surr)	*62*		*37 - 120*	*10/11/24 09:05*	*10/14/24 19:33*	*1*

Method: SW846 6010D - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	**12**		2.1	0.44	mg/Kg	☼	10/11/24 15:00	10/12/24 20:51	1
Barium	**70**	**B**	28	0.17	mg/Kg	☼	10/11/24 15:00	10/12/24 20:51	1
Cadmium	**0.37**	**J**	0.69	0.066	mg/Kg	☼	10/11/24 15:00	10/12/24 20:51	1
Chromium	**21**		1.4	0.47	mg/Kg	☼	10/11/24 15:00	10/12/24 20:51	1
Copper	**24**		3.5	0.97	mg/Kg	☼	10/11/24 15:00	10/12/24 20:51	1
Lead	**32**		1.4	0.39	mg/Kg	☼	10/11/24 15:00	10/12/24 20:51	1
Selenium	**0.67**	**J**	2.8	0.65	mg/Kg	☼	10/11/24 15:00	10/12/24 20:51	1
Silver	ND		1.4	0.11	mg/Kg	☼	10/11/24 15:00	10/12/24 20:51	1
Zinc	**1700**		6.9	5.0	mg/Kg	☼	10/11/24 15:00	10/12/24 20:51	1

Method: SW846 7471B - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	**0.065**	**J**	0.18	0.032	mg/Kg	☼	10/11/24 15:00	10/14/24 11:26	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cyanide, Total (SW846 9012B)	**260**		42	33	mg/Kg	☼	10/15/24 14:23	10/15/24 17:14	50

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Solids (EPA Moisture)	**64.5**		0.1	0.1	%			10/11/24 12:10	1
Percent Moisture (EPA Moisture)	**35.5**		0.1	0.1	%			10/11/24 12:10	1

Client: August Mack Environmental, Inc.
Project/Site: MSC Canfield

Job ID: 240-212801-1

Client Sample ID: SB-32-2.0
Date Collected: 10/09/24 10:15
Date Received: 10/10/24 15:15

Lab Sample ID: 240-212801-36
Matrix: Solid
Percent Solids: 68.9

Method: SW846 8270E - Semivolatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acenaphthene	ND		57	20	ug/Kg	☼	10/11/24 09:05	10/14/24 19:57	1
Acenaphthylene	ND		57	21	ug/Kg	☼	10/11/24 09:05	10/14/24 19:57	1
Anthracene	ND		57	17	ug/Kg	☼	10/11/24 09:05	10/14/24 19:57	1
Benzo[a]anthracene	**29**	**J**	57	21	ug/Kg	☼	10/11/24 09:05	10/14/24 19:57	1
Benzo[a]pyrene	**40**	**J**	57	20	ug/Kg	☼	10/11/24 09:05	10/14/24 19:57	1
Benzo[b]fluoranthene	**82**		57	17	ug/Kg	☼	10/11/24 09:05	10/14/24 19:57	1
Benzo[g,h,i]perylene	ND		57	39	ug/Kg	☼	10/11/24 09:05	10/14/24 19:57	1
Benzo[k]fluoranthene	**26**	**J**	57	14	ug/Kg	☼	10/11/24 09:05	10/14/24 19:57	1
Chrysene	**52**	**J**	57	20	ug/Kg	☼	10/11/24 09:05	10/14/24 19:57	1
Dibenz(a,h)anthracene	ND		57	21	ug/Kg	☼	10/11/24 09:05	10/14/24 19:57	1
Fluoranthene	**79**		57	20	ug/Kg	☼	10/11/24 09:05	10/14/24 19:57	1
Fluorene	ND		57	20	ug/Kg	☼	10/11/24 09:05	10/14/24 19:57	1
Indeno[1,2,3-cd]pyrene	**31**	**J**	57	17	ug/Kg	☼	10/11/24 09:05	10/14/24 19:57	1
Naphthalene	ND		57	19	ug/Kg	☼	10/11/24 09:05	10/14/24 19:57	1
Phenanthrene	**29**	**J**	57	19	ug/Kg	☼	10/11/24 09:05	10/14/24 19:57	1
Pyrene	**63**		57	23	ug/Kg	☼	10/11/24 09:05	10/14/24 19:57	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2,4,6-Tribromophenol (Surr)	*48*		*10 - 120*	*10/11/24 09:05*	*10/14/24 19:57*	*1*
2-Fluorobiphenyl (Surr)	*76*		*36 - 120*	*10/11/24 09:05*	*10/14/24 19:57*	*1*
2-Fluorophenol (Surr)	*81*		*26 - 120*	*10/11/24 09:05*	*10/14/24 19:57*	*1*
Nitrobenzene-d5 (Surr)	*43*		*28 - 120*	*10/11/24 09:05*	*10/14/24 19:57*	*1*
Phenol-d5 (Surr)	*82*		*29 - 120*	*10/11/24 09:05*	*10/14/24 19:57*	*1*
Terphenyl-d14 (Surr)	*75*		*37 - 120*	*10/11/24 09:05*	*10/14/24 19:57*	*1*

Method: SW846 6010D - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	**9.4**		1.6	0.34	mg/Kg	☼	10/11/24 15:00	10/12/24 20:56	1
Barium	**78**	**B**	22	0.14	mg/Kg	☼	10/11/24 15:00	10/12/24 20:56	1
Cadmium	**0.098**	**J**	0.54	0.052	mg/Kg	☼	10/11/24 15:00	10/12/24 20:56	1
Chromium	**12**		1.1	0.37	mg/Kg	☼	10/11/24 15:00	10/12/24 20:56	1
Copper	**7.2**		2.7	0.76	mg/Kg	☼	10/11/24 15:00	10/12/24 20:56	1
Lead	**17**		1.1	0.31	mg/Kg	☼	10/11/24 15:00	10/12/24 20:56	1
Selenium	ND		2.2	0.51	mg/Kg	☼	10/11/24 15:00	10/12/24 20:56	1
Silver	ND		1.1	0.088	mg/Kg	☼	10/11/24 15:00	10/12/24 20:56	1
Zinc	**790**		5.4	3.9	mg/Kg	☼	10/11/24 15:00	10/12/24 20:56	1

Method: SW846 7471B - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	**0.042**	**J**	0.15	0.028	mg/Kg	☼	10/11/24 15:00	10/14/24 11:28	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cyanide, Total (SW846 9012B)	**60**		7.6	6.0	mg/Kg	☼	10/15/24 14:23	10/15/24 17:19	10

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Solids (EPA Moisture)	**68.9**		0.1	0.1	%			10/11/24 12:10	1
Percent Moisture (EPA Moisture)	**31.1**		0.1	0.1	%			10/11/24 12:10	1

Client Sample ID: SB-31-0
Date Collected: 10/09/24 10:55
Date Received: 10/10/24 15:15

Lab Sample ID: 240-212801-37
Matrix: Solid
Percent Solids: 50.3

Method: SW846 8270E - Semivolatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acenaphthene	ND		80	28	ug/Kg	☼	10/11/24 09:05	10/15/24 15:18	1
Acenaphthylene	ND		80	30	ug/Kg	☼	10/11/24 09:05	10/15/24 15:18	1
Anthracene	**50**	**J**	80	24	ug/Kg	☼	10/11/24 09:05	10/15/24 15:18	1
Benzo[a]anthracene	**330**		80	30	ug/Kg	☼	10/11/24 09:05	10/15/24 15:18	1
Benzo[a]pyrene	**480**		80	28	ug/Kg	☼	10/11/24 09:05	10/15/24 15:18	1
Benzo[b]fluoranthene	**960**		80	24	ug/Kg	☼	10/11/24 09:05	10/15/24 15:18	1
Benzo[g,h,i]perylene	**480**		80	54	ug/Kg	☼	10/11/24 09:05	10/15/24 15:18	1
Benzo[k]fluoranthene	**300**		80	20	ug/Kg	☼	10/11/24 09:05	10/15/24 15:18	1
Chrysene	**660**		80	28	ug/Kg	☼	10/11/24 09:05	10/15/24 15:18	1
Dibenz(a,h)anthracene	**88**		80	30	ug/Kg	☼	10/11/24 09:05	10/15/24 15:18	1
Fluoranthene	**1200**		80	28	ug/Kg	☼	10/11/24 09:05	10/15/24 15:18	1
Fluorene	ND		80	28	ug/Kg	☼	10/11/24 09:05	10/15/24 15:18	1
Indeno[1,2,3-cd]pyrene	**380**		80	24	ug/Kg	☼	10/11/24 09:05	10/15/24 15:18	1
Naphthalene	**40**	**J**	80	26	ug/Kg	☼	10/11/24 09:05	10/15/24 15:18	1
Phenanthrene	**330**		80	26	ug/Kg	☼	10/11/24 09:05	10/15/24 15:18	1
Pyrene	**890**		80	32	ug/Kg	☼	10/11/24 09:05	10/15/24 15:18	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2,4,6-Tribromophenol (Surr)	*86*		*10 - 120*	*10/11/24 09:05*	*10/15/24 15:18*	*1*
2-Fluorobiphenyl (Surr)	*73*		*36 - 120*	*10/11/24 09:05*	*10/15/24 15:18*	*1*
2-Fluorophenol (Surr)	*80*		*26 - 120*	*10/11/24 09:05*	*10/15/24 15:18*	*1*
Nitrobenzene-d5 (Surr)	*67*		*28 - 120*	*10/11/24 09:05*	*10/15/24 15:18*	*1*
Phenol-d5 (Surr)	*80*		*29 - 120*	*10/11/24 09:05*	*10/15/24 15:18*	*1*
Terphenyl-d14 (Surr)	*75*		*37 - 120*	*10/11/24 09:05*	*10/15/24 15:18*	*1*

Method: SW846 6010D - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	**8.2**		2.0	0.42	mg/Kg	☼	10/11/24 15:00	10/12/24 21:00	1
Barium	**66**	**B**	27	0.17	mg/Kg	☼	10/11/24 15:00	10/12/24 21:00	1
Cadmium	**0.35**	**J**	0.67	0.064	mg/Kg	☼	10/11/24 15:00	10/12/24 21:00	1
Chromium	**22**		1.3	0.46	mg/Kg	☼	10/11/24 15:00	10/12/24 21:00	1
Copper	**2.5**	**J**	3.4	0.94	mg/Kg	☼	10/11/24 15:00	10/12/24 21:00	1
Lead	**23**		1.3	0.38	mg/Kg	☼	10/11/24 15:00	10/12/24 21:00	1
Selenium	ND		2.7	0.63	mg/Kg	☼	10/11/24 15:00	10/12/24 21:00	1
Silver	ND		1.3	0.11	mg/Kg	☼	10/11/24 15:00	10/12/24 21:00	1
Zinc	**9500**		67	49	mg/Kg	☼	10/11/24 15:00	10/15/24 00:54	10

Method: SW846 7471B - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	**0.049**	**J**	0.21	0.038	mg/Kg	☼	10/11/24 15:00	10/14/24 11:29	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cyanide, Total (SW846 9012B)	**690**		44	35	mg/Kg	☼	10/15/24 14:23	10/15/24 17:23	50

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Solids (EPA Moisture)	**50.3**		0.1	0.1	%			10/11/24 12:10	1
Percent Moisture (EPA Moisture)	**49.7**		0.1	0.1	%			10/11/24 12:10	1

Client Sample ID: DUP-12-20241009
Date Collected: 10/09/24 00:00
Date Received: 10/10/24 15:15

Lab Sample ID: 240-212801-38
Matrix: Solid
Percent Solids: 52.1

Method: SW846 8270E - Semivolatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acenaphthene	ND		77	27	ug/Kg	☼	10/11/24 09:05	10/15/24 15:42	1
Acenaphthylene	ND		77	29	ug/Kg	☼	10/11/24 09:05	10/15/24 15:42	1
Anthracene	**48**	**J**	77	23	ug/Kg	☼	10/11/24 09:05	10/15/24 15:42	1
Benzo[a]anthracene	**320**		77	29	ug/Kg	☼	10/11/24 09:05	10/15/24 15:42	1
Benzo[a]pyrene	**470**		77	27	ug/Kg	☼	10/11/24 09:05	10/15/24 15:42	1
Benzo[b]fluoranthene	**920**		77	23	ug/Kg	☼	10/11/24 09:05	10/15/24 15:42	1
Benzo[g,h,i]perylene	**470**		77	52	ug/Kg	☼	10/11/24 09:05	10/15/24 15:42	1
Benzo[k]fluoranthene	**280**		77	19	ug/Kg	☼	10/11/24 09:05	10/15/24 15:42	1
Chrysene	**640**		77	27	ug/Kg	☼	10/11/24 09:05	10/15/24 15:42	1
Dibenz(a,h)anthracene	**91**		77	29	ug/Kg	☼	10/11/24 09:05	10/15/24 15:42	1
Fluoranthene	**1100**		77	27	ug/Kg	☼	10/11/24 09:05	10/15/24 15:42	1
Fluorene	ND		77	27	ug/Kg	☼	10/11/24 09:05	10/15/24 15:42	1
Indeno[1,2,3-cd]pyrene	**370**		77	23	ug/Kg	☼	10/11/24 09:05	10/15/24 15:42	1
Naphthalene	**41**	**J**	77	25	ug/Kg	☼	10/11/24 09:05	10/15/24 15:42	1
Phenanthrene	**320**		77	25	ug/Kg	☼	10/11/24 09:05	10/15/24 15:42	1
Pyrene	**870**		77	31	ug/Kg	☼	10/11/24 09:05	10/15/24 15:42	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2,4,6-Tribromophenol (Surr)	*75*		*10 - 120*	*10/11/24 09:05*	*10/15/24 15:42*	*1*
2-Fluorobiphenyl (Surr)	*68*		*36 - 120*	*10/11/24 09:05*	*10/15/24 15:42*	*1*
2-Fluorophenol (Surr)	*73*		*26 - 120*	*10/11/24 09:05*	*10/15/24 15:42*	*1*
Nitrobenzene-d5 (Surr)	*64*		*28 - 120*	*10/11/24 09:05*	*10/15/24 15:42*	*1*
Phenol-d5 (Surr)	*74*		*29 - 120*	*10/11/24 09:05*	*10/15/24 15:42*	*1*
Terphenyl-d14 (Surr)	*64*		*37 - 120*	*10/11/24 09:05*	*10/15/24 15:42*	*1*

Method: SW846 6010D - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	**9.8**		2.7	0.56	mg/Kg	☼	10/11/24 15:00	10/12/24 21:04	1
Barium	**75**	**B**	36	0.22	mg/Kg	☼	10/11/24 15:00	10/12/24 21:04	1
Cadmium	**0.45**	**J**	0.89	0.085	mg/Kg	☼	10/11/24 15:00	10/12/24 21:04	1
Chromium	**27**		1.8	0.61	mg/Kg	☼	10/11/24 15:00	10/12/24 21:04	1
Copper	**4.7**		4.4	1.2	mg/Kg	☼	10/11/24 15:00	10/12/24 21:04	1
Lead	**27**		1.8	0.50	mg/Kg	☼	10/11/24 15:00	10/12/24 21:04	1
Selenium	ND		3.6	0.83	mg/Kg	☼	10/11/24 15:00	10/12/24 21:04	1
Silver	ND		1.8	0.14	mg/Kg	☼	10/11/24 15:00	10/12/24 21:04	1
Zinc	**10000**		89	64	mg/Kg	☼	10/11/24 15:00	10/15/24 00:59	10

Method: SW846 7471B - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	**0.057**	**J**	0.21	0.038	mg/Kg	☼	10/11/24 15:00	10/14/24 11:31	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cyanide, Total (SW846 9012B)	**580**		46	37	mg/Kg	☼	10/15/24 14:23	10/15/24 17:28	50

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Solids (EPA Moisture)	**52.1**		0.1	0.1	%			10/11/24 12:10	1
Percent Moisture (EPA Moisture)	**47.9**		0.1	0.1	%			10/11/24 12:10	1

Client: August Mack Environmental, Inc.
Project/Site: MSC Canfield

Job ID: 240-212801-1

Client Sample ID: SB-31-0.5
Date Collected: 10/09/24 11:05
Date Received: 10/10/24 15:15

Lab Sample ID: 240-212801-39
Matrix: Solid
Percent Solids: 67.6

Method: SW846 8270E - Semivolatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acenaphthene	ND		58	20	ug/Kg	☼	10/11/24 09:05	10/15/24 16:06	1
Acenaphthylene	ND		58	22	ug/Kg	☼	10/11/24 09:05	10/15/24 16:06	1
Anthracene	ND		58	17	ug/Kg	☼	10/11/24 09:05	10/15/24 16:06	1
Benzo[a]anthracene	**70**		58	22	ug/Kg	☼	10/11/24 09:05	10/15/24 16:06	1
Benzo[a]pyrene	**87**		58	20	ug/Kg	☼	10/11/24 09:05	10/15/24 16:06	1
Benzo[b]fluoranthene	**150**		58	17	ug/Kg	☼	10/11/24 09:05	10/15/24 16:06	1
Benzo[g,h,i]perylene	**73**		58	39	ug/Kg	☼	10/11/24 09:05	10/15/24 16:06	1
Benzo[k]fluoranthene	**58**		58	14	ug/Kg	☼	10/11/24 09:05	10/15/24 16:06	1
Chrysene	**110**		58	20	ug/Kg	☼	10/11/24 09:05	10/15/24 16:06	1
Dibenz(a,h)anthracene	ND		58	22	ug/Kg	☼	10/11/24 09:05	10/15/24 16:06	1
Fluoranthene	**180**		58	20	ug/Kg	☼	10/11/24 09:05	10/15/24 16:06	1
Fluorene	ND		58	20	ug/Kg	☼	10/11/24 09:05	10/15/24 16:06	1
Indeno[1,2,3-cd]pyrene	**63**		58	17	ug/Kg	☼	10/11/24 09:05	10/15/24 16:06	1
Naphthalene	ND		58	19	ug/Kg	☼	10/11/24 09:05	10/15/24 16:06	1
Phenanthrene	**70**		58	19	ug/Kg	☼	10/11/24 09:05	10/15/24 16:06	1
Pyrene	**150**		58	23	ug/Kg	☼	10/11/24 09:05	10/15/24 16:06	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2,4,6-Tribromophenol (Surr)	*73*		*10 - 120*	*10/11/24 09:05*	*10/15/24 16:06*	*1*
2-Fluorobiphenyl (Surr)	*73*		*36 - 120*	*10/11/24 09:05*	*10/15/24 16:06*	*1*
2-Fluorophenol (Surr)	*75*		*26 - 120*	*10/11/24 09:05*	*10/15/24 16:06*	*1*
Nitrobenzene-d5 (Surr)	*63*		*28 - 120*	*10/11/24 09:05*	*10/15/24 16:06*	*1*
Phenol-d5 (Surr)	*78*		*29 - 120*	*10/11/24 09:05*	*10/15/24 16:06*	*1*
Terphenyl-d14 (Surr)	*74*		*37 - 120*	*10/11/24 09:05*	*10/15/24 16:06*	*1*

Method: SW846 6010D - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	**11**		1.9	0.40	mg/Kg	☼	10/11/24 15:00	10/12/24 21:09	1
Barium	**74**	**B**	25	0.16	mg/Kg	☼	10/11/24 15:00	10/12/24 21:09	1
Cadmium	**0.32**	**J**	0.63	0.060	mg/Kg	☼	10/11/24 15:00	10/12/24 21:09	1
Chromium	**20**		1.3	0.43	mg/Kg	☼	10/11/24 15:00	10/12/24 21:09	1
Copper	**27**		3.1	0.88	mg/Kg	☼	10/11/24 15:00	10/12/24 21:09	1
Lead	**31**		1.3	0.35	mg/Kg	☼	10/11/24 15:00	10/12/24 21:09	1
Selenium	**0.72**	**J**	2.5	0.59	mg/Kg	☼	10/11/24 15:00	10/12/24 21:09	1
Silver	ND		1.3	0.10	mg/Kg	☼	10/11/24 15:00	10/12/24 21:09	1
Zinc	**600**		6.3	4.5	mg/Kg	☼	10/11/24 15:00	10/12/24 21:09	1

Method: SW846 7471B - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	**0.054**	**J**	0.17	0.031	mg/Kg	☼	10/11/24 15:00	10/14/24 11:36	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cyanide, Total (SW846 9012B)	**37**		7.4	5.9	mg/Kg	☼	10/15/24 15:30	10/15/24 21:11	10

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Solids (EPA Moisture)	**67.6**		0.1	0.1	%			10/11/24 12:10	1
Percent Moisture (EPA Moisture)	**32.4**		0.1	0.1	%			10/11/24 12:10	1

Client: August Mack Environmental, Inc.
Project/Site: MSC Canfield

Job ID: 240-212801-1

Client Sample ID: SB-31-2.0

Date Collected: 10/09/24 11:15
Date Received: 10/10/24 15:15

Lab Sample ID: 240-212801-40

Matrix: Solid
Percent Solids: 54.7

Method: SW846 8270E - Semivolatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acenaphthene	ND		73	25	ug/Kg	☼	10/11/24 09:05	10/15/24 16:30	1
Acenaphthylene	ND		73	27	ug/Kg	☼	10/11/24 09:05	10/15/24 16:30	1
Anthracene	ND		73	22	ug/Kg	☼	10/11/24 09:05	10/15/24 16:30	1
Benzo[a]anthracene	**27**	**J**	73	27	ug/Kg	☼	10/11/24 09:05	10/15/24 16:30	1
Benzo[a]pyrene	**30**	**J**	73	25	ug/Kg	☼	10/11/24 09:05	10/15/24 16:30	1
Benzo[b]fluoranthene	**57**	**J**	73	22	ug/Kg	☼	10/11/24 09:05	10/15/24 16:30	1
Benzo[g,h,i]perylene	ND		73	49	ug/Kg	☼	10/11/24 09:05	10/15/24 16:30	1
Benzo[k]fluoranthene	**20**	**J**	73	18	ug/Kg	☼	10/11/24 09:05	10/15/24 16:30	1
Chrysene	**37**	**J**	73	25	ug/Kg	☼	10/11/24 09:05	10/15/24 16:30	1
Dibenz(a,h)anthracene	ND		73	27	ug/Kg	☼	10/11/24 09:05	10/15/24 16:30	1
Fluoranthene	**60**	**J**	73	25	ug/Kg	☼	10/11/24 09:05	10/15/24 16:30	1
Fluorene	ND		73	25	ug/Kg	☼	10/11/24 09:05	10/15/24 16:30	1
Indeno[1,2,3-cd]pyrene	**25**	**J**	73	22	ug/Kg	☼	10/11/24 09:05	10/15/24 16:30	1
Naphthalene	ND		73	24	ug/Kg	☼	10/11/24 09:05	10/15/24 16:30	1
Phenanthrene	ND		73	24	ug/Kg	☼	10/11/24 09:05	10/15/24 16:30	1
Pyrene	**48**	**J**	73	29	ug/Kg	☼	10/11/24 09:05	10/15/24 16:30	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2,4,6-Tribromophenol (Surr)	*86*		*10 - 120*	*10/11/24 09:05*	*10/15/24 16:30*	*1*
2-Fluorobiphenyl (Surr)	*77*		*36 - 120*	*10/11/24 09:05*	*10/15/24 16:30*	*1*
2-Fluorophenol (Surr)	*82*		*26 - 120*	*10/11/24 09:05*	*10/15/24 16:30*	*1*
Nitrobenzene-d5 (Surr)	*61*		*28 - 120*	*10/11/24 09:05*	*10/15/24 16:30*	*1*
Phenol-d5 (Surr)	*81*		*29 - 120*	*10/11/24 09:05*	*10/15/24 16:30*	*1*
Terphenyl-d14 (Surr)	*82*		*37 - 120*	*10/11/24 09:05*	*10/15/24 16:30*	*1*

Method: SW846 6010D - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	**10**		2.4	0.50	mg/Kg	☼	10/11/24 15:00	10/12/24 21:13	1
Barium	**120**	**B**	32	0.20	mg/Kg	☼	10/11/24 15:00	10/12/24 21:13	1
Cadmium	**0.14**	**J**	0.79	0.076	mg/Kg	☼	10/11/24 15:00	10/12/24 21:13	1
Chromium	**18**		1.6	0.54	mg/Kg	☼	10/11/24 15:00	10/12/24 21:13	1
Copper	**15**		3.9	1.1	mg/Kg	☼	10/11/24 15:00	10/12/24 21:13	1
Lead	**18**		1.6	0.44	mg/Kg	☼	10/11/24 15:00	10/12/24 21:13	1
Selenium	**0.82**	**J**	3.2	0.74	mg/Kg	☼	10/11/24 15:00	10/12/24 21:13	1
Silver	ND		1.6	0.13	mg/Kg	☼	10/11/24 15:00	10/12/24 21:13	1
Zinc	**320**		7.9	5.7	mg/Kg	☼	10/11/24 15:00	10/12/24 21:13	1

Method: SW846 7471B - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	**0.069**	**J**	0.18	0.032	mg/Kg	☼	10/11/24 15:00	10/14/24 11:38	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cyanide, Total (SW846 9012B)	**17**		9.5	7.6	mg/Kg	☼	10/15/24 15:30	10/15/24 20:28	10

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Solids (EPA Moisture)	**54.7**		0.1	0.1	%			10/11/24 12:10	1
Percent Moisture (EPA Moisture)	**45.3**		0.1	0.1	%			10/11/24 12:10	1

Client: August Mack Environmental, Inc.
Project/Site: MSC Canfield

Job ID: 240-212801-1

Client Sample ID: SB-30-0

Date Collected: 10/09/24 12:30
Date Received: 10/10/24 15:15

Lab Sample ID: 240-212801-41

Matrix: Solid
Percent Solids: 47.4

Method: SW846 8270E - Semivolatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acenaphthene	ND	F2 F1	83	29	ug/Kg	☼	10/11/24 09:48	10/14/24 15:57	1
Acenaphthylene	ND	F2 F1	83	31	ug/Kg	☼	10/11/24 09:48	10/14/24 15:57	1
Anthracene	ND	F2 F1	83	25	ug/Kg	☼	10/11/24 09:48	10/14/24 15:57	1
Benzo[a]anthracene	**160**	**F2 F1**	83	31	ug/Kg	☼	10/11/24 09:48	10/14/24 15:57	1
Benzo[a]pyrene	**230**	**F2 F1**	83	29	ug/Kg	☼	10/11/24 09:48	10/14/24 15:57	1
Benzo[b]fluoranthene	**420**	**F2 F1**	83	25	ug/Kg	☼	10/11/24 09:48	10/14/24 15:57	1
Benzo[g,h,i]perylene	**260**	**F2 F1**	83	56	ug/Kg	☼	10/11/24 09:48	10/14/24 15:57	1
Benzo[k]fluoranthene	**170**	**F2 F1**	83	21	ug/Kg	☼	10/11/24 09:48	10/14/24 15:57	1
Chrysene	**370**	**F2 F1**	83	29	ug/Kg	☼	10/11/24 09:48	10/14/24 15:57	1
Dibenz(a,h)anthracene	**47**	**J F2 F1**	83	31	ug/Kg	☼	10/11/24 09:48	10/14/24 15:57	1
Fluoranthene	**610**	**F2 F1**	83	29	ug/Kg	☼	10/11/24 09:48	10/14/24 15:57	1
Fluorene	ND	F2 F1	83	29	ug/Kg	☼	10/11/24 09:48	10/14/24 15:57	1
Indeno[1,2,3-cd]pyrene	**180**	**F2 F1**	83	25	ug/Kg	☼	10/11/24 09:48	10/14/24 15:57	1
Naphthalene	**29**	**J F2 F1**	83	27	ug/Kg	☼	10/11/24 09:48	10/14/24 15:57	1
Phenanthrene	**180**	**F2 F1**	83	27	ug/Kg	☼	10/11/24 09:48	10/14/24 15:57	1
Pyrene	**470**	**F2 F1**	83	33	ug/Kg	☼	10/11/24 09:48	10/14/24 15:57	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2,4,6-Tribromophenol (Surr)	*89*		*10 - 120*	*10/11/24 09:48*	*10/14/24 15:57*	*1*
2-Fluorobiphenyl (Surr)	*90*		*36 - 120*	*10/11/24 09:48*	*10/14/24 15:57*	*1*
2-Fluorophenol (Surr)	*91*		*26 - 120*	*10/11/24 09:48*	*10/14/24 15:57*	*1*
Nitrobenzene-d5 (Surr)	*90*		*28 - 120*	*10/11/24 09:48*	*10/14/24 15:57*	*1*
Phenol-d5 (Surr)	*95*		*29 - 120*	*10/11/24 09:48*	*10/14/24 15:57*	*1*
Terphenyl-d14 (Surr)	*78*		*37 - 120*	*10/11/24 09:48*	*10/14/24 15:57*	*1*

Method: SW846 6010D - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	**7.0**		2.6	0.55	mg/Kg	☼	10/11/24 15:00	10/12/24 15:43	1
Barium	**62**		35	0.22	mg/Kg	☼	10/11/24 15:00	10/12/24 15:43	1
Cadmium	**0.43**	**J**	0.86	0.083	mg/Kg	☼	10/11/24 15:00	10/12/24 15:43	1
Chromium	**19**		1.7	0.59	mg/Kg	☼	10/11/24 15:00	10/12/24 15:43	1
Copper	**1.4**	**J F1 F2**	4.3	1.2	mg/Kg	☼	10/11/24 15:00	10/12/24 15:43	1
Lead	**23**		1.7	0.49	mg/Kg	☼	10/11/24 15:00	10/12/24 15:43	1
Selenium	ND		3.5	0.81	mg/Kg	☼	10/11/24 15:00	10/12/24 15:43	1
Silver	ND		1.7	0.14	mg/Kg	☼	10/11/24 15:00	10/12/24 15:43	1
Zinc	**22000**		430	310	mg/Kg	☼	10/11/24 15:00	10/13/24 01:51	50

Method: SW846 7471B - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	**0.078**	**J**	0.21	0.039	mg/Kg	☼	10/11/24 15:00	10/14/24 12:50	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cyanide, Total (SW846 9012B)	**320**		57	45	mg/Kg	☼	10/15/24 15:30	10/15/24 20:14	50

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Solids (EPA Moisture)	**47.4**		0.1	0.1	%			10/11/24 12:10	1
Percent Moisture (EPA Moisture)	**52.6**		0.1	0.1	%			10/11/24 12:10	1

Client Sample ID: SB-30-0.5

Date Collected: 10/09/24 12:45
Date Received: 10/10/24 15:15

Lab Sample ID: 240-212801-42

Matrix: Solid
Percent Solids: 70.3

Method: SW846 8270E - Semivolatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acenaphthene	ND		57	20	ug/Kg	☼	10/11/24 09:48	10/14/24 17:11	1
Acenaphthylene	ND		57	21	ug/Kg	☼	10/11/24 09:48	10/14/24 17:11	1
Anthracene	ND		57	17	ug/Kg	☼	10/11/24 09:48	10/14/24 17:11	1
Benzo[a]anthracene	**57**		57	21	ug/Kg	☼	10/11/24 09:48	10/14/24 17:11	1
Benzo[a]pyrene	**66**		57	20	ug/Kg	☼	10/11/24 09:48	10/14/24 17:11	1
Benzo[b]fluoranthene	**110**		57	17	ug/Kg	☼	10/11/24 09:48	10/14/24 17:11	1
Benzo[g,h,i]perylene	**62**		57	38	ug/Kg	☼	10/11/24 09:48	10/14/24 17:11	1
Benzo[k]fluoranthene	**42**	**J**	57	14	ug/Kg	☼	10/11/24 09:48	10/14/24 17:11	1
Chrysene	**85**		57	20	ug/Kg	☼	10/11/24 09:48	10/14/24 17:11	1
Dibenz(a,h)anthracene	ND		57	21	ug/Kg	☼	10/11/24 09:48	10/14/24 17:11	1
Fluoranthene	**150**		57	20	ug/Kg	☼	10/11/24 09:48	10/14/24 17:11	1
Fluorene	ND		57	20	ug/Kg	☼	10/11/24 09:48	10/14/24 17:11	1
Indeno[1,2,3-cd]pyrene	**48**	**J**	57	17	ug/Kg	☼	10/11/24 09:48	10/14/24 17:11	1
Naphthalene	**18**	**J**	57	18	ug/Kg	☼	10/11/24 09:48	10/14/24 17:11	1
Phenanthrene	**73**		57	18	ug/Kg	☼	10/11/24 09:48	10/14/24 17:11	1
Pyrene	**120**		57	23	ug/Kg	☼	10/11/24 09:48	10/14/24 17:11	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2,4,6-Tribromophenol (Surr)	*94*		*10 - 120*	*10/11/24 09:48*	*10/14/24 17:11*	*1*
2-Fluorobiphenyl (Surr)	*84*		*36 - 120*	*10/11/24 09:48*	*10/14/24 17:11*	*1*
2-Fluorophenol (Surr)	*85*		*26 - 120*	*10/11/24 09:48*	*10/14/24 17:11*	*1*
Nitrobenzene-d5 (Surr)	*77*		*28 - 120*	*10/11/24 09:48*	*10/14/24 17:11*	*1*
Phenol-d5 (Surr)	*91*		*29 - 120*	*10/11/24 09:48*	*10/14/24 17:11*	*1*
Terphenyl-d14 (Surr)	*77*		*37 - 120*	*10/11/24 09:48*	*10/14/24 17:11*	*1*

Method: SW846 6010D - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	**9.2**		1.5	0.33	mg/Kg	☼	10/11/24 15:00	10/12/24 21:26	1
Barium	**66**	**B**	21	0.13	mg/Kg	☼	10/11/24 15:00	10/12/24 21:26	1
Cadmium	**0.24**	**J**	0.52	0.049	mg/Kg	☼	10/11/24 15:00	10/12/24 21:26	1
Chromium	**15**		1.0	0.35	mg/Kg	☼	10/11/24 15:00	10/12/24 21:26	1
Copper	**17**		2.6	0.72	mg/Kg	☼	10/11/24 15:00	10/12/24 21:26	1
Lead	**370**		1.0	0.29	mg/Kg	☼	10/11/24 15:00	10/12/24 21:26	1
Selenium	**0.53**	**J**	2.1	0.48	mg/Kg	☼	10/11/24 15:00	10/12/24 21:26	1
Silver	ND		1.0	0.083	mg/Kg	☼	10/11/24 15:00	10/12/24 21:26	1
Zinc	**300**		5.2	3.7	mg/Kg	☼	10/11/24 15:00	10/12/24 21:26	1

Method: SW846 7471B - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	**0.074**	**J**	0.16	0.029	mg/Kg	☼	10/11/24 15:00	10/14/24 11:40	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cyanide, Total (SW846 9012B)	**28**		6.1	4.9	mg/Kg	☼	10/15/24 15:30	10/15/24 20:32	10

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Solids (EPA Moisture)	**70.3**		0.1	0.1	%			10/11/24 12:10	1
Percent Moisture (EPA Moisture)	**29.7**		0.1	0.1	%			10/11/24 12:10	1

Client Sample ID: DUP-13-20241009

Date Collected: 10/09/24 00:00
Date Received: 10/10/24 15:15

Lab Sample ID: 240-212801-43

Matrix: Solid
Percent Solids: 75.8

Method: SW846 8270E - Semivolatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acenaphthene	ND		53	19	ug/Kg	☼	10/11/24 09:48	10/14/24 17:36	1
Acenaphthylene	ND		53	20	ug/Kg	☼	10/11/24 09:48	10/14/24 17:36	1
Anthracene	ND		53	16	ug/Kg	☼	10/11/24 09:48	10/14/24 17:36	1
Benzo[a]anthracene	ND		53	20	ug/Kg	☼	10/11/24 09:48	10/14/24 17:36	1
Benzo[a]pyrene	**24**	**J**	53	19	ug/Kg	☼	10/11/24 09:48	10/14/24 17:36	1
Benzo[b]fluoranthene	**35**	**J**	53	16	ug/Kg	☼	10/11/24 09:48	10/14/24 17:36	1
Benzo[g,h,i]perylene	**39**	**J**	53	36	ug/Kg	☼	10/11/24 09:48	10/14/24 17:36	1
Benzo[k]fluoranthene	**16**	**J**	53	13	ug/Kg	☼	10/11/24 09:48	10/14/24 17:36	1
Chrysene	**34**	**J**	53	19	ug/Kg	☼	10/11/24 09:48	10/14/24 17:36	1
Dibenz(a,h)anthracene	ND		53	20	ug/Kg	☼	10/11/24 09:48	10/14/24 17:36	1
Fluoranthene	**44**	**J**	53	19	ug/Kg	☼	10/11/24 09:48	10/14/24 17:36	1
Fluorene	ND		53	19	ug/Kg	☼	10/11/24 09:48	10/14/24 17:36	1
Indeno[1,2,3-cd]pyrene	ND		53	16	ug/Kg	☼	10/11/24 09:48	10/14/24 17:36	1
Naphthalene	ND		53	17	ug/Kg	☼	10/11/24 09:48	10/14/24 17:36	1
Phenanthrene	**44**	**J**	53	17	ug/Kg	☼	10/11/24 09:48	10/14/24 17:36	1
Pyrene	**39**	**J**	53	21	ug/Kg	☼	10/11/24 09:48	10/14/24 17:36	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2,4,6-Tribromophenol (Surr)	*89*		*10 - 120*	*10/11/24 09:48*	*10/14/24 17:36*	*1*
2-Fluorobiphenyl (Surr)	*92*		*36 - 120*	*10/11/24 09:48*	*10/14/24 17:36*	*1*
2-Fluorophenol (Surr)	*98*		*26 - 120*	*10/11/24 09:48*	*10/14/24 17:36*	*1*
Nitrobenzene-d5 (Surr)	*83*		*28 - 120*	*10/11/24 09:48*	*10/14/24 17:36*	*1*
Phenol-d5 (Surr)	*103*		*29 - 120*	*10/11/24 09:48*	*10/14/24 17:36*	*1*
Terphenyl-d14 (Surr)	*90*		*37 - 120*	*10/11/24 09:48*	*10/14/24 17:36*	*1*

Method: SW846 6010D - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	**9.2**		1.6	0.33	mg/Kg	☼	10/11/24 15:00	10/12/24 21:30	1
Barium	**62**	**B**	21	0.13	mg/Kg	☼	10/11/24 15:00	10/12/24 21:30	1
Cadmium	**0.24**	**J**	0.52	0.050	mg/Kg	☼	10/11/24 15:00	10/12/24 21:30	1
Chromium	**15**		1.0	0.36	mg/Kg	☼	10/11/24 15:00	10/12/24 21:30	1
Copper	**17**		2.6	0.73	mg/Kg	☼	10/11/24 15:00	10/12/24 21:30	1
Lead	**22**		1.0	0.30	mg/Kg	☼	10/11/24 15:00	10/12/24 21:30	1
Selenium	ND		2.1	0.49	mg/Kg	☼	10/11/24 15:00	10/12/24 21:30	1
Silver	ND		1.0	0.085	mg/Kg	☼	10/11/24 15:00	10/12/24 21:30	1
Zinc	**380**		5.2	3.8	mg/Kg	☼	10/11/24 15:00	10/12/24 21:30	1

Method: SW846 7471B - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	**0.14**	**J**	0.15	0.026	mg/Kg	☼	10/11/24 15:00	10/14/24 11:41	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cyanide, Total (SW846 9012B)	**6.9**		6.6	5.2	mg/Kg	☼	10/15/24 15:30	10/15/24 20:37	10

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Solids (EPA Moisture)	**75.8**		0.1	0.1	%			10/11/24 12:10	1
Percent Moisture (EPA Moisture)	**24.2**		0.1	0.1	%			10/11/24 12:10	1

Client: August Mack Environmental, Inc.
Project/Site: MSC Canfield

Job ID: 240-212801-1

Client Sample ID: SB-30-2.0

Date Collected: 10/09/24 13:05
Date Received: 10/10/24 15:15

Lab Sample ID: 240-212801-44

Matrix: Solid
Percent Solids: 77.9

Method: SW846 8270E - Semivolatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acenaphthene	ND		50	18	ug/Kg	☼	10/11/24 09:48	10/14/24 18:00	1
Acenaphthylene	ND		50	19	ug/Kg	☼	10/11/24 09:48	10/14/24 18:00	1
Anthracene	ND		50	15	ug/Kg	☼	10/11/24 09:48	10/14/24 18:00	1
Benzo[a]anthracene	**23**	**J**	50	19	ug/Kg	☼	10/11/24 09:48	10/14/24 18:00	1
Benzo[a]pyrene	**23**	**J**	50	18	ug/Kg	☼	10/11/24 09:48	10/14/24 18:00	1
Benzo[b]fluoranthene	**42**	**J**	50	15	ug/Kg	☼	10/11/24 09:48	10/14/24 18:00	1
Benzo[g,h,i]perylene	ND		50	34	ug/Kg	☼	10/11/24 09:48	10/14/24 18:00	1
Benzo[k]fluoranthene	**16**	**J**	50	13	ug/Kg	☼	10/11/24 09:48	10/14/24 18:00	1
Chrysene	**34**	**J**	50	18	ug/Kg	☼	10/11/24 09:48	10/14/24 18:00	1
Dibenz(a,h)anthracene	ND		50	19	ug/Kg	☼	10/11/24 09:48	10/14/24 18:00	1
Fluoranthene	**61**		50	18	ug/Kg	☼	10/11/24 09:48	10/14/24 18:00	1
Fluorene	ND		50	18	ug/Kg	☼	10/11/24 09:48	10/14/24 18:00	1
Indeno[1,2,3-cd]pyrene	**21**	**J**	50	15	ug/Kg	☼	10/11/24 09:48	10/14/24 18:00	1
Naphthalene	ND		50	16	ug/Kg	☼	10/11/24 09:48	10/14/24 18:00	1
Phenanthrene	**34**	**J**	50	16	ug/Kg	☼	10/11/24 09:48	10/14/24 18:00	1
Pyrene	**50**		50	20	ug/Kg	☼	10/11/24 09:48	10/14/24 18:00	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2,4,6-Tribromophenol (Surr)	*96*		*10 - 120*	*10/11/24 09:48*	*10/14/24 18:00*	*1*
2-Fluorobiphenyl (Surr)	*94*		*36 - 120*	*10/11/24 09:48*	*10/14/24 18:00*	*1*
2-Fluorophenol (Surr)	*101*		*26 - 120*	*10/11/24 09:48*	*10/14/24 18:00*	*1*
Nitrobenzene-d5 (Surr)	*82*		*28 - 120*	*10/11/24 09:48*	*10/14/24 18:00*	*1*
Phenol-d5 (Surr)	*105*		*29 - 120*	*10/11/24 09:48*	*10/14/24 18:00*	*1*
Terphenyl-d14 (Surr)	*87*		*37 - 120*	*10/11/24 09:48*	*10/14/24 18:00*	*1*

Method: SW846 6010D - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	**8.3**		1.7	0.36	mg/Kg	☼	10/11/24 15:00	10/12/24 21:34	1
Barium	**73**	**B**	23	0.14	mg/Kg	☼	10/11/24 15:00	10/12/24 21:34	1
Cadmium	**0.24**	**J**	0.57	0.055	mg/Kg	☼	10/11/24 15:00	10/12/24 21:34	1
Chromium	**12**		1.1	0.39	mg/Kg	☼	10/11/24 15:00	10/12/24 21:34	1
Copper	**14**		2.9	0.80	mg/Kg	☼	10/11/24 15:00	10/12/24 21:34	1
Lead	**19**		1.1	0.32	mg/Kg	☼	10/11/24 15:00	10/12/24 21:34	1
Selenium	**0.58**	**J**	2.3	0.54	mg/Kg	☼	10/11/24 15:00	10/12/24 21:34	1
Silver	ND		1.1	0.093	mg/Kg	☼	10/11/24 15:00	10/12/24 21:34	1
Zinc	**230**		5.7	4.2	mg/Kg	☼	10/11/24 15:00	10/12/24 21:34	1

Method: SW846 7471B - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	**0.061**	**J**	0.14	0.025	mg/Kg	☼	10/11/24 15:00	10/14/24 11:43	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cyanide, Total (SW846 9012B)	**24**		6.7	5.3	mg/Kg	☼	10/15/24 15:30	10/15/24 20:41	10

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Solids (EPA Moisture)	**77.9**		0.1	0.1	%			10/11/24 12:10	1
Percent Moisture (EPA Moisture)	**22.1**		0.1	0.1	%			10/11/24 12:10	1

Client: August Mack Environmental, Inc.
Project/Site: MSC Canfield

Job ID: 240-212801-1

Client Sample ID: SB-36-0
Date Collected: 10/09/24 13:45
Date Received: 10/10/24 15:15

Lab Sample ID: 240-212801-45
Matrix: Solid
Percent Solids: 61.6

Method: SW846 8270E - Semivolatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acenaphthene	ND		64	22	ug/Kg	☼	10/11/24 09:48	10/14/24 18:25	1
Acenaphthylene	ND		64	24	ug/Kg	☼	10/11/24 09:48	10/14/24 18:25	1
Anthracene	**52**	**J**	64	19	ug/Kg	☼	10/11/24 09:48	10/14/24 18:25	1
Benzo[a]anthracene	**290**		64	24	ug/Kg	☼	10/11/24 09:48	10/14/24 18:25	1
Benzo[a]pyrene	**410**		64	22	ug/Kg	☼	10/11/24 09:48	10/14/24 18:25	1
Benzo[b]fluoranthene	**820**		64	19	ug/Kg	☼	10/11/24 09:48	10/14/24 18:25	1
Benzo[g,h,i]perylene	**460**		64	43	ug/Kg	☼	10/11/24 09:48	10/14/24 18:25	1
Benzo[k]fluoranthene	**260**		64	16	ug/Kg	☼	10/11/24 09:48	10/14/24 18:25	1
Chrysene	**630**		64	22	ug/Kg	☼	10/11/24 09:48	10/14/24 18:25	1
Dibenz(a,h)anthracene	**83**		64	24	ug/Kg	☼	10/11/24 09:48	10/14/24 18:25	1
Fluoranthene	**1200**		64	22	ug/Kg	☼	10/11/24 09:48	10/14/24 18:25	1
Fluorene	**22**	**J**	64	22	ug/Kg	☼	10/11/24 09:48	10/14/24 18:25	1
Indeno[1,2,3-cd]pyrene	**320**		64	19	ug/Kg	☼	10/11/24 09:48	10/14/24 18:25	1
Naphthalene	**42**	**J**	64	21	ug/Kg	☼	10/11/24 09:48	10/14/24 18:25	1
Phenanthrene	**370**		64	21	ug/Kg	☼	10/11/24 09:48	10/14/24 18:25	1
Pyrene	**870**		64	25	ug/Kg	☼	10/11/24 09:48	10/14/24 18:25	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2,4,6-Tribromophenol (Surr)	*75*		*10 - 120*	*10/11/24 09:48*	*10/14/24 18:25*	*1*
2-Fluorobiphenyl (Surr)	*88*		*36 - 120*	*10/11/24 09:48*	*10/14/24 18:25*	*1*
2-Fluorophenol (Surr)	*87*		*26 - 120*	*10/11/24 09:48*	*10/14/24 18:25*	*1*
Nitrobenzene-d5 (Surr)	*84*		*28 - 120*	*10/11/24 09:48*	*10/14/24 18:25*	*1*
Phenol-d5 (Surr)	*93*		*29 - 120*	*10/11/24 09:48*	*10/14/24 18:25*	*1*
Terphenyl-d14 (Surr)	*76*		*37 - 120*	*10/11/24 09:48*	*10/14/24 18:25*	*1*

Method: SW846 6010D - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	**8.1**		2.3	0.48	mg/Kg	☼	10/11/24 15:00	10/12/24 16:43	1
Barium	**74**		31	0.19	mg/Kg	☼	10/11/24 15:00	10/12/24 16:43	1
Cadmium	**0.43**	**J**	0.77	0.074	mg/Kg	☼	10/11/24 15:00	10/12/24 16:43	1
Chromium	**22**		1.5	0.53	mg/Kg	☼	10/11/24 15:00	10/12/24 16:43	1
Copper	ND		3.8	1.1	mg/Kg	☼	10/11/24 15:00	10/12/24 16:43	1
Lead	**26**		1.5	0.43	mg/Kg	☼	10/11/24 15:00	10/12/24 16:43	1
Selenium	ND		3.1	0.72	mg/Kg	☼	10/11/24 15:00	10/12/24 16:43	1
Silver	ND		1.5	0.12	mg/Kg	☼	10/11/24 15:00	10/12/24 16:43	1
Zinc	**20000**		380	280	mg/Kg	☼	10/11/24 15:00	10/13/24 04:43	50

Method: SW846 7471B - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	**0.035**	**J**	0.18	0.032	mg/Kg	☼	10/11/24 15:00	10/14/24 13:21	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cyanide, Total (SW846 9012B)	**700**		41	32	mg/Kg	☼	10/15/24 15:30	10/15/24 20:46	50

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Solids (EPA Moisture)	**61.6**		0.1	0.1	%			10/11/24 12:10	1
Percent Moisture (EPA Moisture)	**38.4**		0.1	0.1	%			10/11/24 12:10	1

Client: August Mack Environmental, Inc.
Project/Site: MSC Canfield

Job ID: 240-212801-1

Client Sample ID: SB-36-0.5
Date Collected: 10/09/24 13:55
Date Received: 10/10/24 15:15

Lab Sample ID: 240-212801-46
Matrix: Solid
Percent Solids: 68.1

Method: SW846 8270E - Semivolatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acenaphthene	22	J	57	20	ug/Kg	☼	10/11/24 09:48	10/14/24 18:49	1
Acenaphthylene	ND		57	21	ug/Kg	☼	10/11/24 09:48	10/14/24 18:49	1
Anthracene	50	J	57	17	ug/Kg	☼	10/11/24 09:48	10/14/24 18:49	1
Benzo[a]anthracene	300		57	21	ug/Kg	☼	10/11/24 09:48	10/14/24 18:49	1
Benzo[a]pyrene	370		57	20	ug/Kg	☼	10/11/24 09:48	10/14/24 18:49	1
Benzo[b]fluoranthene	780		57	17	ug/Kg	☼	10/11/24 09:48	10/14/24 18:49	1
Benzo[g,h,i]perylene	430		57	39	ug/Kg	☼	10/11/24 09:48	10/14/24 18:49	1
Benzo[k]fluoranthene	250		57	14	ug/Kg	☼	10/11/24 09:48	10/14/24 18:49	1
Chrysene	560		57	20	ug/Kg	☼	10/11/24 09:48	10/14/24 18:49	1
Dibenz(a,h)anthracene	78		57	21	ug/Kg	☼	10/11/24 09:48	10/14/24 18:49	1
Fluoranthene	1000		57	20	ug/Kg	☼	10/11/24 09:48	10/14/24 18:49	1
Fluorene	23	J	57	20	ug/Kg	☼	10/11/24 09:48	10/14/24 18:49	1
Indeno[1,2,3-cd]pyrene	320		57	17	ug/Kg	☼	10/11/24 09:48	10/14/24 18:49	1
Naphthalene	31	J	57	19	ug/Kg	☼	10/11/24 09:48	10/14/24 18:49	1
Phenanthrene	320		57	19	ug/Kg	☼	10/11/24 09:48	10/14/24 18:49	1
Pyrene	830		57	23	ug/Kg	☼	10/11/24 09:48	10/14/24 18:49	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2,4,6-Tribromophenol (Surr)	*89*		*10 - 120*	*10/11/24 09:48*	*10/14/24 18:49*	*1*
2-Fluorobiphenyl (Surr)	*86*		*36 - 120*	*10/11/24 09:48*	*10/14/24 18:49*	*1*
2-Fluorophenol (Surr)	*87*		*26 - 120*	*10/11/24 09:48*	*10/14/24 18:49*	*1*
Nitrobenzene-d5 (Surr)	*83*		*28 - 120*	*10/11/24 09:48*	*10/14/24 18:49*	*1*
Phenol-d5 (Surr)	*92*		*29 - 120*	*10/11/24 09:48*	*10/14/24 18:49*	*1*
Terphenyl-d14 (Surr)	*78*		*37 - 120*	*10/11/24 09:48*	*10/14/24 18:49*	*1*

Method: SW846 6010D - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	11		1.7	0.37	mg/Kg	☼	10/11/24 15:00	10/12/24 16:48	1
Barium	76		23	0.15	mg/Kg	☼	10/11/24 15:00	10/12/24 16:48	1
Cadmium	0.38	J	0.58	0.056	mg/Kg	☼	10/11/24 15:00	10/12/24 16:48	1
Chromium	20		1.2	0.40	mg/Kg	☼	10/11/24 15:00	10/12/24 16:48	1
Copper	31		2.9	0.82	mg/Kg	☼	10/11/24 15:00	10/12/24 16:48	1
Lead	27		1.2	0.33	mg/Kg	☼	10/11/24 15:00	10/12/24 16:48	1
Selenium	1.2	J	2.3	0.55	mg/Kg	☼	10/11/24 15:00	10/12/24 16:48	1
Silver	ND		1.2	0.094	mg/Kg	☼	10/11/24 15:00	10/12/24 16:48	1
Zinc	810		5.8	4.2	mg/Kg	☼	10/11/24 15:00	10/12/24 16:48	1

Method: SW846 7471B - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.041	J	0.16	0.028	mg/Kg	☼	10/11/24 15:00	10/14/24 13:23	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cyanide, Total (SW846 9012B)	6.5	J	6.6	5.2	mg/Kg	☼	10/15/24 15:30	10/15/24 20:53	10

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Solids (EPA Moisture)	68.1		0.1	0.1	%			10/11/24 12:10	1
Percent Moisture (EPA Moisture)	31.9		0.1	0.1	%			10/11/24 12:10	1

Client: August Mack Environmental, Inc.
Project/Site: MSC Canfield

Job ID: 240-212801-1

Client Sample ID: SB-36-2.0
Date Collected: 10/09/24 14:05
Date Received: 10/10/24 15:15

Lab Sample ID: 240-212801-47
Matrix: Solid
Percent Solids: 76.7

Method: SW846 8270E - Semivolatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acenaphthene	ND		51	18	ug/Kg	☼	10/11/24 09:48	10/14/24 19:14	1
Acenaphthylene	ND		51	19	ug/Kg	☼	10/11/24 09:48	10/14/24 19:14	1
Anthracene	ND		51	15	ug/Kg	☼	10/11/24 09:48	10/14/24 19:14	1
Benzo[a]anthracene	**42**	**J**	51	19	ug/Kg	☼	10/11/24 09:48	10/14/24 19:14	1
Benzo[a]pyrene	**51**		51	18	ug/Kg	☼	10/11/24 09:48	10/14/24 19:14	1
Benzo[b]fluoranthene	**87**		51	15	ug/Kg	☼	10/11/24 09:48	10/14/24 19:14	1
Benzo[g,h,i]perylene	**65**		51	34	ug/Kg	☼	10/11/24 09:48	10/14/24 19:14	1
Benzo[k]fluoranthene	**40**	**J**	51	13	ug/Kg	☼	10/11/24 09:48	10/14/24 19:14	1
Chrysene	**66**		51	18	ug/Kg	☼	10/11/24 09:48	10/14/24 19:14	1
Dibenz(a,h)anthracene	ND		51	19	ug/Kg	☼	10/11/24 09:48	10/14/24 19:14	1
Fluoranthene	**120**		51	18	ug/Kg	☼	10/11/24 09:48	10/14/24 19:14	1
Fluorene	ND		51	18	ug/Kg	☼	10/11/24 09:48	10/14/24 19:14	1
Indeno[1,2,3-cd]pyrene	**43**	**J**	51	15	ug/Kg	☼	10/11/24 09:48	10/14/24 19:14	1
Naphthalene	**23**	**J**	51	17	ug/Kg	☼	10/11/24 09:48	10/14/24 19:14	1
Phenanthrene	**52**		51	17	ug/Kg	☼	10/11/24 09:48	10/14/24 19:14	1
Pyrene	**96**		51	20	ug/Kg	☼	10/11/24 09:48	10/14/24 19:14	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2,4,6-Tribromophenol (Surr)	*88*		*10 - 120*	*10/11/24 09:48*	*10/14/24 19:14*	*1*
2-Fluorobiphenyl (Surr)	*86*		*36 - 120*	*10/11/24 09:48*	*10/14/24 19:14*	*1*
2-Fluorophenol (Surr)	*88*		*26 - 120*	*10/11/24 09:48*	*10/14/24 19:14*	*1*
Nitrobenzene-d5 (Surr)	*71*		*28 - 120*	*10/11/24 09:48*	*10/14/24 19:14*	*1*
Phenol-d5 (Surr)	*89*		*29 - 120*	*10/11/24 09:48*	*10/14/24 19:14*	*1*
Terphenyl-d14 (Surr)	*74*		*37 - 120*	*10/11/24 09:48*	*10/14/24 19:14*	*1*

Method: SW846 6010D - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	**7.5**		1.6	0.33	mg/Kg	☼	10/11/24 15:00	10/12/24 16:52	1
Barium	**75**		21	0.13	mg/Kg	☼	10/11/24 15:00	10/12/24 16:52	1
Cadmium	**0.23**	**J**	0.52	0.050	mg/Kg	☼	10/11/24 15:00	10/12/24 16:52	1
Chromium	**14**		1.0	0.35	mg/Kg	☼	10/11/24 15:00	10/12/24 16:52	1
Copper	**19**		2.6	0.72	mg/Kg	☼	10/11/24 15:00	10/12/24 16:52	1
Lead	**21**		1.0	0.29	mg/Kg	☼	10/11/24 15:00	10/12/24 16:52	1
Selenium	**0.65**	**J**	2.1	0.49	mg/Kg	☼	10/11/24 15:00	10/12/24 16:52	1
Silver	ND		1.0	0.084	mg/Kg	☼	10/11/24 15:00	10/12/24 16:52	1
Zinc	**290**		5.2	3.7	mg/Kg	☼	10/11/24 15:00	10/12/24 16:52	1

Method: SW846 7471B - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	**0.059**	**J**	0.13	0.023	mg/Kg	☼	10/11/24 15:00	10/14/24 13:24	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cyanide, Total (SW846 9012B)	ND		6.0	4.8	mg/Kg	☼	10/15/24 15:30	10/15/24 20:58	10

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Solids (EPA Moisture)	**76.7**		0.1	0.1	%			10/11/24 12:10	1
Percent Moisture (EPA Moisture)	**23.3**		0.1	0.1	%			10/11/24 12:10	1

Client Sample ID: SB-35-0
Date Collected: 10/09/24 14:30
Date Received: 10/10/24 15:15

Lab Sample ID: 240-212801-48
Matrix: Solid
Percent Solids: 46.0

Method: SW846 8270E - Semivolatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acenaphthene	ND		85	30	ug/Kg	☼	10/11/24 09:05	10/15/24 16:54	1
Acenaphthylene	ND		85	32	ug/Kg	☼	10/11/24 09:05	10/15/24 16:54	1
Anthracene	**26**	**J**	85	25	ug/Kg	☼	10/11/24 09:05	10/15/24 16:54	1
Benzo[a]anthracene	**160**		85	32	ug/Kg	☼	10/11/24 09:05	10/15/24 16:54	1
Benzo[a]pyrene	**220**		85	30	ug/Kg	☼	10/11/24 09:05	10/15/24 16:54	1
Benzo[b]fluoranthene	**430**		85	25	ug/Kg	☼	10/11/24 09:05	10/15/24 16:54	1
Benzo[g,h,i]perylene	**220**		85	57	ug/Kg	☼	10/11/24 09:05	10/15/24 16:54	1
Benzo[k]fluoranthene	**160**		85	21	ug/Kg	☼	10/11/24 09:05	10/15/24 16:54	1
Chrysene	**340**		85	30	ug/Kg	☼	10/11/24 09:05	10/15/24 16:54	1
Dibenz(a,h)anthracene	**45**	**J**	85	32	ug/Kg	☼	10/11/24 09:05	10/15/24 16:54	1
Fluoranthene	**670**		85	30	ug/Kg	☼	10/11/24 09:05	10/15/24 16:54	1
Fluorene	ND		85	30	ug/Kg	☼	10/11/24 09:05	10/15/24 16:54	1
Indeno[1,2,3-cd]pyrene	**170**		85	25	ug/Kg	☼	10/11/24 09:05	10/15/24 16:54	1
Naphthalene	ND		85	28	ug/Kg	☼	10/11/24 09:05	10/15/24 16:54	1
Phenanthrene	**210**		85	28	ug/Kg	☼	10/11/24 09:05	10/15/24 16:54	1
Pyrene	**470**		85	34	ug/Kg	☼	10/11/24 09:05	10/15/24 16:54	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2,4,6-Tribromophenol (Surr)	*43*		*10 - 120*	*10/11/24 09:05*	*10/15/24 16:54*	*1*
2-Fluorobiphenyl (Surr)	*70*		*36 - 120*	*10/11/24 09:05*	*10/15/24 16:54*	*1*
2-Fluorophenol (Surr)	*69*		*26 - 120*	*10/11/24 09:05*	*10/15/24 16:54*	*1*
Nitrobenzene-d5 (Surr)	*51*		*28 - 120*	*10/11/24 09:05*	*10/15/24 16:54*	*1*
Phenol-d5 (Surr)	*73*		*29 - 120*	*10/11/24 09:05*	*10/15/24 16:54*	*1*
Terphenyl-d14 (Surr)	*62*		*37 - 120*	*10/11/24 09:05*	*10/15/24 16:54*	*1*

Method: SW846 6010D - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	**6.9**		3.1	0.65	mg/Kg	☼	10/11/24 15:00	10/12/24 17:05	1
Barium	**93**		41	0.26	mg/Kg	☼	10/11/24 15:00	10/12/24 17:05	1
Cadmium	**0.52**	**J**	1.0	0.098	mg/Kg	☼	10/11/24 15:00	10/12/24 17:05	1
Chromium	**23**		2.0	0.70	mg/Kg	☼	10/11/24 15:00	10/12/24 17:05	1
Copper	ND		5.1	1.4	mg/Kg	☼	10/11/24 15:00	10/12/24 17:05	1
Lead	**29**		2.0	0.58	mg/Kg	☼	10/11/24 15:00	10/12/24 17:05	1
Selenium	ND		4.1	0.96	mg/Kg	☼	10/11/24 15:00	10/12/24 17:05	1
Silver	ND		2.0	0.17	mg/Kg	☼	10/11/24 15:00	10/12/24 17:05	1
Zinc	**21000**		200	150	mg/Kg	☼	10/11/24 15:00	10/14/24 23:29	20

Method: SW846 7471B - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	**0.069**	**J**	0.23	0.041	mg/Kg	☼	10/11/24 15:00	10/14/24 13:30	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cyanide, Total (SW846 9012B)	**860**		54	43	mg/Kg	☼	10/15/24 15:30	10/15/24 21:02	50

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Solids (EPA Moisture)	**46.1**		0.1	0.1	%			10/11/24 12:10	1
Percent Moisture (EPA Moisture)	**53.9**		0.1	0.1	%			10/11/24 12:10	1

Client: August Mack Environmental, Inc.
Project/Site: MSC Canfield

Job ID: 240-212801-1

Client Sample ID: SB-35-0.5

Date Collected: 10/09/24 14:35
Date Received: 10/10/24 15:15

Lab Sample ID: 240-212801-49

Matrix: Solid
Percent Solids: 48.3

Method: SW846 8270E - Semivolatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acenaphthene	ND		82	29	ug/Kg	☼	10/11/24 09:05	10/15/24 17:18	1
Acenaphthylene	ND		82	31	ug/Kg	☼	10/11/24 09:05	10/15/24 17:18	1
Anthracene	ND		82	25	ug/Kg	☼	10/11/24 09:05	10/15/24 17:18	1
Benzo[a]anthracene	**100**		82	31	ug/Kg	☼	10/11/24 09:05	10/15/24 17:18	1
Benzo[a]pyrene	**110**		82	29	ug/Kg	☼	10/11/24 09:05	10/15/24 17:18	1
Benzo[b]fluoranthene	**220**		82	25	ug/Kg	☼	10/11/24 09:05	10/15/24 17:18	1
Benzo[g,h,i]perylene	**95**		82	56	ug/Kg	☼	10/11/24 09:05	10/15/24 17:18	1
Benzo[k]fluoranthene	**96**		82	21	ug/Kg	☼	10/11/24 09:05	10/15/24 17:18	1
Chrysene	**170**		82	29	ug/Kg	☼	10/11/24 09:05	10/15/24 17:18	1
Dibenz(a,h)anthracene	ND		82	31	ug/Kg	☼	10/11/24 09:05	10/15/24 17:18	1
Fluoranthene	**320**		82	29	ug/Kg	☼	10/11/24 09:05	10/15/24 17:18	1
Fluorene	ND		82	29	ug/Kg	☼	10/11/24 09:05	10/15/24 17:18	1
Indeno[1,2,3-cd]pyrene	**79**	**J**	82	25	ug/Kg	☼	10/11/24 09:05	10/15/24 17:18	1
Naphthalene	**67**	**J**	82	27	ug/Kg	☼	10/11/24 09:05	10/15/24 17:18	1
Phenanthrene	**150**		82	27	ug/Kg	☼	10/11/24 09:05	10/15/24 17:18	1
Pyrene	**230**		82	33	ug/Kg	☼	10/11/24 09:05	10/15/24 17:18	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2,4,6-Tribromophenol (Surr)	*95*		*10 - 120*	*10/11/24 09:05*	*10/15/24 17:18*	*1*
2-Fluorobiphenyl (Surr)	*79*		*36 - 120*	*10/11/24 09:05*	*10/15/24 17:18*	*1*
2-Fluorophenol (Surr)	*84*		*26 - 120*	*10/11/24 09:05*	*10/15/24 17:18*	*1*
Nitrobenzene-d5 (Surr)	*60*		*28 - 120*	*10/11/24 09:05*	*10/15/24 17:18*	*1*
Phenol-d5 (Surr)	*86*		*29 - 120*	*10/11/24 09:05*	*10/15/24 17:18*	*1*
Terphenyl-d14 (Surr)	*80*		*37 - 120*	*10/11/24 09:05*	*10/15/24 17:18*	*1*

Method: SW846 6010D - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	**12**		2.8	0.59	mg/Kg	☼	10/11/24 15:00	10/12/24 17:10	1
Barium	**89**		38	0.24	mg/Kg	☼	10/11/24 15:00	10/12/24 17:10	1
Cadmium	**0.46**	**J**	0.94	0.090	mg/Kg	☼	10/11/24 15:00	10/12/24 17:10	1
Chromium	**31**		1.9	0.65	mg/Kg	☼	10/11/24 15:00	10/12/24 17:10	1
Copper	**37**		4.7	1.3	mg/Kg	☼	10/11/24 15:00	10/12/24 17:10	1
Lead	**32**		1.9	0.53	mg/Kg	☼	10/11/24 15:00	10/12/24 17:10	1
Selenium	**0.88**	**J**	3.8	0.88	mg/Kg	☼	10/11/24 15:00	10/12/24 17:10	1
Silver	ND		1.9	0.15	mg/Kg	☼	10/11/24 15:00	10/12/24 17:10	1
Zinc	**1500**		9.4	6.8	mg/Kg	☼	10/11/24 15:00	10/12/24 17:10	1

Method: SW846 7471B - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	**0.070**	**J**	0.19	0.034	mg/Kg	☼	10/11/24 15:00	10/14/24 13:31	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cyanide, Total (SW846 9012B)	**14**		10	8.2	mg/Kg	☼	10/15/24 15:30	10/15/24 21:07	10

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Solids (EPA Moisture)	**48.3**		0.1	0.1	%			10/11/24 12:20	1
Percent Moisture (EPA Moisture)	**51.7**		0.1	0.1	%			10/11/24 12:20	1

Client: August Mack Environmental, Inc.
Project/Site: MSC Canfield

Job ID: 240-212801-1

Client Sample ID: SB-35-2.0

Date Collected: 10/09/24 14:45
Date Received: 10/10/24 15:15

Lab Sample ID: 240-212801-50

Matrix: Solid
Percent Solids: 60.0

Method: SW846 8270E - Semivolatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acenaphthene	ND		67	24	ug/Kg	☼	10/11/24 09:05	10/15/24 17:41	1
Acenaphthylene	ND		67	25	ug/Kg	☼	10/11/24 09:05	10/15/24 17:41	1
Anthracene	ND		67	20	ug/Kg	☼	10/11/24 09:05	10/15/24 17:41	1
Benzo[a]anthracene	**28**	**J**	67	25	ug/Kg	☼	10/11/24 09:05	10/15/24 17:41	1
Benzo[a]pyrene	ND		67	24	ug/Kg	☼	10/11/24 09:05	10/15/24 17:41	1
Benzo[b]fluoranthene	**74**		67	20	ug/Kg	☼	10/11/24 09:05	10/15/24 17:41	1
Benzo[g,h,i]perylene	ND		67	45	ug/Kg	☼	10/11/24 09:05	10/15/24 17:41	1
Benzo[k]fluoranthene	**22**	**J**	67	17	ug/Kg	☼	10/11/24 09:05	10/15/24 17:41	1
Chrysene	**44**	**J**	67	24	ug/Kg	☼	10/11/24 09:05	10/15/24 17:41	1
Dibenz(a,h)anthracene	ND		67	25	ug/Kg	☼	10/11/24 09:05	10/15/24 17:41	1
Fluoranthene	**82**		67	24	ug/Kg	☼	10/11/24 09:05	10/15/24 17:41	1
Fluorene	ND		67	24	ug/Kg	☼	10/11/24 09:05	10/15/24 17:41	1
Indeno[1,2,3-cd]pyrene	**30**	**J**	67	20	ug/Kg	☼	10/11/24 09:05	10/15/24 17:41	1
Naphthalene	ND		67	22	ug/Kg	☼	10/11/24 09:05	10/15/24 17:41	1
Phenanthrene	**28**	**J**	67	22	ug/Kg	☼	10/11/24 09:05	10/15/24 17:41	1
Pyrene	**63**	**J**	67	27	ug/Kg	☼	10/11/24 09:05	10/15/24 17:41	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2,4,6-Tribromophenol (Surr)	*106*		*10 - 120*	*10/11/24 09:05*	*10/15/24 17:41*	*1*
2-Fluorobiphenyl (Surr)	*93*		*36 - 120*	*10/11/24 09:05*	*10/15/24 17:41*	*1*
2-Fluorophenol (Surr)	*95*		*26 - 120*	*10/11/24 09:05*	*10/15/24 17:41*	*1*
Nitrobenzene-d5 (Surr)	*74*		*28 - 120*	*10/11/24 09:05*	*10/15/24 17:41*	*1*
Phenol-d5 (Surr)	*98*		*29 - 120*	*10/11/24 09:05*	*10/15/24 17:41*	*1*
Terphenyl-d14 (Surr)	*98*		*37 - 120*	*10/11/24 09:05*	*10/15/24 17:41*	*1*

Method: SW846 6010D - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	**9.2**		2.0	0.43	mg/Kg	☼	10/11/24 15:00	10/12/24 17:14	1
Barium	**98**		27	0.17	mg/Kg	☼	10/11/24 15:00	10/12/24 17:14	1
Cadmium	**0.25**	**J**	0.68	0.066	mg/Kg	☼	10/11/24 15:00	10/12/24 17:14	1
Chromium	**20**		1.4	0.47	mg/Kg	☼	10/11/24 15:00	10/12/24 17:14	1
Copper	**13**		3.4	0.96	mg/Kg	☼	10/11/24 15:00	10/12/24 17:14	1
Lead	**24**		1.4	0.39	mg/Kg	☼	10/11/24 15:00	10/12/24 17:14	1
Selenium	ND		2.7	0.64	mg/Kg	☼	10/11/24 15:00	10/12/24 17:14	1
Silver	ND		1.4	0.11	mg/Kg	☼	10/11/24 15:00	10/12/24 17:14	1
Zinc	**1200**		6.8	4.9	mg/Kg	☼	10/11/24 15:00	10/12/24 17:14	1

Method: SW846 7471B - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	**0.058**	**J**	0.17	0.030	mg/Kg	☼	10/11/24 15:00	10/14/24 13:33	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cyanide, Total (SW846 9012B)	**8.5**	**J**	9.1	7.2	mg/Kg	☼	10/15/24 15:30	10/16/24 09:21	10

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Solids (EPA Moisture)	**60.0**		0.1	0.1	%			10/11/24 12:20	1
Percent Moisture (EPA Moisture)	**40.0**		0.1	0.1	%			10/11/24 12:20	1

Client Sample ID: EB-2-20241010

Date Collected: 10/10/24 12:25
Date Received: 10/10/24 15:15

Lab Sample ID: 240-212801-55

Matrix: Water

Method: SW846 8270E - Semivolatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acenaphthene	ND		0.23	0.20	ug/L		10/11/24 09:37	10/14/24 11:54	1
Acenaphthylene	ND		0.23	0.14	ug/L		10/11/24 09:37	10/14/24 11:54	1
Anthracene	ND		0.23	0.15	ug/L		10/11/24 09:37	10/14/24 11:54	1
Benzo[a]anthracene	ND		0.23	0.077	ug/L		10/11/24 09:37	10/14/24 11:54	1
Benzo[a]pyrene	ND		0.23	0.20	ug/L		10/11/24 09:37	10/14/24 11:54	1
Benzo[b]fluoranthene	ND		0.23	0.18	ug/L		10/11/24 09:37	10/14/24 11:54	1
Benzo[g,h,i]perylene	ND		0.23	0.20	ug/L		10/11/24 09:37	10/14/24 11:54	1
Benzo[k]fluoranthene	ND		0.23	0.16	ug/L		10/11/24 09:37	10/14/24 11:54	1
Chrysene	ND		0.23	0.075	ug/L		10/11/24 09:37	10/14/24 11:54	1
Dibenz(a,h)anthracene	ND		0.23	0.17	ug/L		10/11/24 09:37	10/14/24 11:54	1
Fluoranthene	ND		0.23	0.18	ug/L		10/11/24 09:37	10/14/24 11:54	1
Fluorene	ND		0.23	0.090	ug/L		10/11/24 09:37	10/14/24 11:54	1
Indeno[1,2,3-cd]pyrene	ND		0.23	0.15	ug/L		10/11/24 09:37	10/14/24 11:54	1
Naphthalene	ND		0.23	0.12	ug/L		10/11/24 09:37	10/14/24 11:54	1
Phenanthrene	ND		0.23	0.091	ug/L		10/11/24 09:37	10/14/24 11:54	1
Pyrene	ND		0.23	0.094	ug/L		10/11/24 09:37	10/14/24 11:54	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2,4,6-Tribromophenol (Surr)	*69*		*23 - 127*	*10/11/24 09:37*	*10/14/24 11:54*	*1*
2-Fluorobiphenyl (Surr)	*72*		*41 - 120*	*10/11/24 09:37*	*10/14/24 11:54*	*1*
2-Fluorophenol (Surr)	*85*		*10 - 127*	*10/11/24 09:37*	*10/14/24 11:54*	*1*
Nitrobenzene-d5 (Surr)	*77*		*40 - 120*	*10/11/24 09:37*	*10/14/24 11:54*	*1*
Phenol-d5 (Surr)	*65*		*10 - 120*	*10/11/24 09:37*	*10/14/24 11:54*	*1*
Terphenyl-d14 (Surr)	*88*		*43 - 136*	*10/11/24 09:37*	*10/14/24 11:54*	*1*

Method: SW846 6010D - Metals (ICP) - Total Recoverable

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	ND		15	4.1	ug/L		10/11/24 14:00	10/13/24 03:08	1
Barium	**3.7**	**J B**	200	1.3	ug/L		10/11/24 14:00	10/13/24 03:08	1
Cadmium	ND		5.0	0.45	ug/L		10/11/24 14:00	10/13/24 03:08	1
Chromium	ND		10	0.76	ug/L		10/11/24 14:00	10/13/24 03:08	1
Copper	ND		25	3.5	ug/L		10/11/24 14:00	10/13/24 03:08	1
Lead	ND		10	2.8	ug/L		10/11/24 14:00	10/13/24 03:08	1
Selenium	ND		20	6.0	ug/L		10/11/24 14:00	10/14/24 23:03	1
Silver	ND		10	1.4	ug/L		10/11/24 14:00	10/13/24 03:08	1
Zinc	ND		50	23	ug/L		10/11/24 14:00	10/13/24 03:08	1

Method: SW846 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	ND		0.20	0.13	ug/L		10/11/24 14:00	10/14/24 13:52	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chromium, hexavalent (SW846 7196A)	ND		0.020	0.0070	mg/L			10/11/24 10:57	1
Cyanide, Total (SW846 9012B)	ND		0.010	0.0060	mg/L		10/16/24 15:41	10/16/24 16:45	1

General Chemistry - Dissolved

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chromium, hexavalent (SW846 7196A)	ND	H	0.020	0.0070	mg/L			10/11/24 15:58	1

Client Sample ID: RB-2-20241010

Date Collected: 10/10/24 11:48
Date Received: 10/10/24 15:15

Lab Sample ID: 240-212801-56

Matrix: Water

Method: SW846 8270E - Semivolatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acenaphthene	ND		0.19	0.17	ug/L		10/11/24 09:37	10/14/24 12:17	1
Acenaphthylene	ND		0.19	0.12	ug/L		10/11/24 09:37	10/14/24 12:17	1
Anthracene	ND		0.19	0.13	ug/L		10/11/24 09:37	10/14/24 12:17	1
Benzo[a]anthracene	ND		0.19	0.065	ug/L		10/11/24 09:37	10/14/24 12:17	1
Benzo[a]pyrene	ND		0.19	0.17	ug/L		10/11/24 09:37	10/14/24 12:17	1
Benzo[b]fluoranthene	ND		0.19	0.15	ug/L		10/11/24 09:37	10/14/24 12:17	1
Benzo[g,h,i]perylene	ND		0.19	0.17	ug/L		10/11/24 09:37	10/14/24 12:17	1
Benzo[k]fluoranthene	ND		0.19	0.13	ug/L		10/11/24 09:37	10/14/24 12:17	1
Chrysene	ND		0.19	0.063	ug/L		10/11/24 09:37	10/14/24 12:17	1
Dibenz(a,h)anthracene	ND		0.19	0.15	ug/L		10/11/24 09:37	10/14/24 12:17	1
Fluoranthene	ND		0.19	0.15	ug/L		10/11/24 09:37	10/14/24 12:17	1
Fluorene	ND		0.19	0.076	ug/L		10/11/24 09:37	10/14/24 12:17	1
Indeno[1,2,3-cd]pyrene	ND		0.19	0.13	ug/L		10/11/24 09:37	10/14/24 12:17	1
Naphthalene	ND		0.19	0.10	ug/L		10/11/24 09:37	10/14/24 12:17	1
Phenanthrene	ND		0.19	0.077	ug/L		10/11/24 09:37	10/14/24 12:17	1
Pyrene	ND		0.19	0.080	ug/L		10/11/24 09:37	10/14/24 12:17	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2,4,6-Tribromophenol (Surr)	*72*		*23 - 127*	*10/11/24 09:37*	*10/14/24 12:17*	*1*
2-Fluorobiphenyl (Surr)	*79*		*41 - 120*	*10/11/24 09:37*	*10/14/24 12:17*	*1*
2-Fluorophenol (Surr)	*97*		*10 - 127*	*10/11/24 09:37*	*10/14/24 12:17*	*1*
Nitrobenzene-d5 (Surr)	*84*		*40 - 120*	*10/11/24 09:37*	*10/14/24 12:17*	*1*
Phenol-d5 (Surr)	*67*		*10 - 120*	*10/11/24 09:37*	*10/14/24 12:17*	*1*
Terphenyl-d14 (Surr)	*91*		*43 - 136*	*10/11/24 09:37*	*10/14/24 12:17*	*1*

Method: SW846 6010D - Metals (ICP) - Total Recoverable

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	ND		15	4.1	ug/L		10/11/24 14:00	10/13/24 03:12	1
Barium	**3.2**	**J B**	200	1.3	ug/L		10/11/24 14:00	10/13/24 03:12	1
Cadmium	ND		5.0	0.45	ug/L		10/11/24 14:00	10/13/24 03:12	1
Chromium	ND		10	0.76	ug/L		10/11/24 14:00	10/13/24 03:12	1
Copper	ND		25	3.5	ug/L		10/11/24 14:00	10/13/24 03:12	1
Lead	ND		10	2.8	ug/L		10/11/24 14:00	10/13/24 03:12	1
Selenium	ND		20	6.0	ug/L		10/11/24 14:00	10/14/24 23:07	1
Silver	ND		10	1.4	ug/L		10/11/24 14:00	10/13/24 03:12	1
Zinc	ND		50	23	ug/L		10/11/24 14:00	10/13/24 03:12	1

Method: SW846 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	ND		0.20	0.13	ug/L		10/11/24 14:00	10/14/24 13:57	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chromium, hexavalent (SW846 7196A)	ND		0.020	0.0070	mg/L			10/11/24 11:00	1
Cyanide, Total (SW846 9012B)	ND		0.010	0.0060	mg/L		10/16/24 15:41	10/16/24 16:47	1

General Chemistry - Dissolved

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chromium, hexavalent (SW846 7196A)	ND	H	0.020	0.0070	mg/L			10/11/24 15:58	1

Surrogate Summary

Client: August Mack Environmental, Inc.
Project/Site: MSC Canfield

Job ID: 240-212801-1

Method: 8270E - Semivolatile Organic Compounds (GC/MS)

Matrix: Solid

Prep Type: Total/NA

		Percent Surrogate Recovery (Acceptance Limits)							
		TBP	FBP	2FP	NBZ	PHL	TPHL		
Lab Sample ID	Client Sample ID	(10-120)	(36-120)	(26-120)	(28-120)	(29-120)	(37-120)		
240-212801-1	SB-23-0	61	67	70	63	71	63		
240-212801-2	SB-23-0.5	74	70	77	37	77	69		
240-212801-3	SB-23-2.0	68	77	81	70	80	89		
240-212801-4	DUP-9-2024 1008	67	77	80	70	82	75		
240-212801-5	SB-24-0	70	75	79	65	82	74		
240-212801-6	SB-24-0.5	83	69	69	59	71	65		
240-212801-7	SB-24-2.0	81	78	84	63	83	80		
240-212801-8	SB-25-0	85	72	79	66	79	67		
240-212801-9	SB-25-0.5	84	80	84	74	84	80		
240-212801-10	SB-25-2.0	80	73	79	65	79	85		
240-212801-11	SB-26-2.0	75	74	80	63	79	84		
240-212801-12	SB-26-0	80	68	68	61	69	63		
240-212801-13	SB-26-0.5	92	81	83	74	82	83		
240-212801-14	SB-27-0	39	59	56	51	60	48		
240-212801-14 MS	SB-27-0	47	73	68	68	74	65		
240-212801-14 MSD	SB-27-0	50	70	67	66	72	66		
240-212801-15	SB-27-0.5	68	62	62	55	63	61		
240-212801-16	SB-27-2.0	76	73	78	61	78	78		
240-212801-17	SB-28-0	89	79	81	72	82	74		
240-212801-18	DUP-10-20241008	91	82	87	76	88	86		
240-212801-19	SB-28-0.5	94	82	88	75	88	86		
240-212801-20	SB-28-2.0	81	80	87	73	87	82		
240-212801-21	SB-29-0	76	67	72	64	72	59		
240-212801-22	SB-29-0.5	83	72	77	66	78	66		
240-212801-23	SB-29-2.0	86	73	81	61	82	75		
240-212801-24	SB-34-0	72	72	76	65	77	69		
240-212801-25	SB-34-0.5	36	64	70	60	71	72		
240-212801-26	SB-34-2.0	43	74	81	69	82	82		
240-212801-30	SB-33-0	51	64	67	59	72	57		
240-212801-30 MS	SB-33-0	54	82	83	79	89	81		
240-212801-30 MSD	SB-33-0	57	72	70	67	74	68		
240-212801-31	SB-33-0.5	29	69	77	67	77	70		
240-212801-32	SB-33-2.0	33	65	72	58	73	73		
240-212801-33	DUP-11-20241009	48	70	72	64	75	64		
240-212801-34	SB-32-0	32	61	55	50	60	48		
240-212801-35	SB-32-0.5	57	67	71	63	72	62		
240-212801-36	SB-32-2.0	48	76	81	43	82	75		
240-212801-37	SB-31-0	86	73	80	67	80	75		
240-212801-38	DUP-12-20241009	75	68	73	64	74	64		
240-212801-39	SB-31-0.5	73	73	75	63	78	74		
240-212801-40	SB-31-2.0	86	77	82	61	81	82		
240-212801-41	SB-30-0	89	90	91	90	95	78		
240-212801-41 MS	SB-30-0	92	87	83	82	88	79		
240-212801-41 MSD	SB-30-0	97	90	95	87	96	82		
240-212801-42	SB-30-0.5	94	84	85	77	91	77		
240-212801-43	DUP-13-20241009	89	92	98	83	103	90		
240-212801-44	SB-30-2.0	96	94	101	82	105	87		
240-212801-45	SB-36-0	75	88	87	84	93	76		
240-212801-46	SB-36-0.5	89	86	87	83	92	78		

Surrogate Summary

Client: August Mack Environmental, Inc. Job ID: 240-212801-1
Project/Site: MSC Canfield

Method: 8270E - Semivolatile Organic Compounds (GC/MS) (Continued)

Matrix: Solid **Prep Type: Total/NA**

		Percent Surrogate Recovery (Acceptance Limits)					
		TBP	FBP	2FP	NBZ	PHL	TPHL
Lab Sample ID	Client Sample ID	(10-120)	(36-120)	(26-120)	(28-120)	(29-120)	(37-120)
240-212801-47	SB-36-2.0	88	86	88	71	89	74
240-212801-48	SB-35-0	43	70	69	51	73	62
240-212801-49	SB-35-0.5	95	79	84	60	86	80
240-212801-50	SB-35-2.0	106	93	95	74	98	98
LCS 240-630409/2-A	Lab Control Sample	87	77	82	81	83	84
LCS 240-630410/2-A	Lab Control Sample	94	80	83	85	85	85
LCS 240-630426/2-A	Lab Control Sample	94	91	93	97	98	89
LCS 240-630816/2-A	Lab Control Sample	78	66	68	68	70	71
MB 240-630409/1-A	Method Blank	78	83	87	75	87	89
MB 240-630410/1-A	Method Blank	69	74	80	68	80	78
MB 240-630426/1-A	Method Blank	90	100	102	95	105	99
MB 240-630816/1-A	Method Blank	75	74	82	68	85	77

Surrogate Legend

TBP = 2,4,6-Tribromophenol (Surr)
FBP = 2-Fluorobiphenyl (Surr)
2FP = 2-Fluorophenol (Surr)
NBZ = Nitrobenzene-d5 (Surr)
PHL = Phenol-d5 (Surr)
TPHL = Terphenyl-d14 (Surr)

Method: 8270E - Semivolatile Organic Compounds (GC/MS)

Matrix: Water **Prep Type: Total/NA**

		Percent Surrogate Recovery (Acceptance Limits)					
		TBP	FBP	2FP	NBZ	PHL	TPHL
Lab Sample ID	Client Sample ID	(23-127)	(41-120)	(10-127)	(40-120)	(10-120)	(43-136)
240-212801-55	EB-2-20241010	69	72	85	77	65	88
240-212801-56	RB-2-20241010	72	79	97	84	67	91
LCS 240-630425/2-A	Lab Control Sample	95	79	127	91	57	87
MB 240-630425/1-A	Method Blank	72	77	81	82	46	91

Surrogate Legend

TBP = 2,4,6-Tribromophenol (Surr)
FBP = 2-Fluorobiphenyl (Surr)
2FP = 2-Fluorophenol (Surr)
NBZ = Nitrobenzene-d5 (Surr)
PHL = Phenol-d5 (Surr)
TPHL = Terphenyl-d14 (Surr)

Method: 8270E - Semivolatile Organic Compounds (GC/MS)

Lab Sample ID: MB 240-630409/1-A
Matrix: Solid
Analysis Batch: 630367

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 630409

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acenaphthene	ND		40	14	ug/Kg		10/11/24 08:58	10/11/24 12:23	1
Acenaphthylene	ND		40	15	ug/Kg		10/11/24 08:58	10/11/24 12:23	1
Anthracene	ND		40	12	ug/Kg		10/11/24 08:58	10/11/24 12:23	1
Benzo[a]anthracene	ND		40	15	ug/Kg		10/11/24 08:58	10/11/24 12:23	1
Benzo[a]pyrene	ND		40	14	ug/Kg		10/11/24 08:58	10/11/24 12:23	1
Benzo[b]fluoranthene	ND		40	12	ug/Kg		10/11/24 08:58	10/11/24 12:23	1
Benzo[g,h,i]perylene	ND		40	27	ug/Kg		10/11/24 08:58	10/11/24 12:23	1
Benzo[k]fluoranthene	ND		40	10	ug/Kg		10/11/24 08:58	10/11/24 12:23	1
Chrysene	ND		40	14	ug/Kg		10/11/24 08:58	10/11/24 12:23	1
Dibenz(a,h)anthracene	ND		40	15	ug/Kg		10/11/24 08:58	10/11/24 12:23	1
Fluoranthene	ND		40	14	ug/Kg		10/11/24 08:58	10/11/24 12:23	1
Fluorene	ND		40	14	ug/Kg		10/11/24 08:58	10/11/24 12:23	1
Indeno[1,2,3-cd]pyrene	ND		40	12	ug/Kg		10/11/24 08:58	10/11/24 12:23	1
Naphthalene	ND		40	13	ug/Kg		10/11/24 08:58	10/11/24 12:23	1
Phenanthrene	ND		40	13	ug/Kg		10/11/24 08:58	10/11/24 12:23	1
Pyrene	ND		40	16	ug/Kg		10/11/24 08:58	10/11/24 12:23	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2,4,6-Tribromophenol (Surr)	*78*		*10 - 120*	*10/11/24 08:58*	*10/11/24 12:23*	*1*
2-Fluorobiphenyl (Surr)	*83*		*36 - 120*	*10/11/24 08:58*	*10/11/24 12:23*	*1*
2-Fluorophenol (Surr)	*87*		*26 - 120*	*10/11/24 08:58*	*10/11/24 12:23*	*1*
Nitrobenzene-d5 (Surr)	*75*		*28 - 120*	*10/11/24 08:58*	*10/11/24 12:23*	*1*
Phenol-d5 (Surr)	*87*		*29 - 120*	*10/11/24 08:58*	*10/11/24 12:23*	*1*
Terphenyl-d14 (Surr)	*89*		*37 - 120*	*10/11/24 08:58*	*10/11/24 12:23*	*1*

Lab Sample ID: LCS 240-630409/2-A
Matrix: Solid
Analysis Batch: 630367

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 630409

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Acenaphthene	1330	1110		ug/Kg		83	56 - 120
Acenaphthylene	1330	1150		ug/Kg		86	54 - 120
Anthracene	1330	1290		ug/Kg		97	59 - 120
Benzo[a]anthracene	1330	1320		ug/Kg		99	59 - 120
Benzo[a]pyrene	1330	1300		ug/Kg		98	54 - 120
Benzo[b]fluoranthene	1330	1330		ug/Kg		100	58 - 120
Benzo[g,h,i]perylene	1330	1290		ug/Kg		97	56 - 120
Benzo[k]fluoranthene	1330	1300		ug/Kg		97	59 - 120
Chrysene	1330	1260		ug/Kg		94	58 - 120
Dibenz(a,h)anthracene	1330	1320		ug/Kg		99	54 - 120
Fluoranthene	1330	1420		ug/Kg		107	59 - 120
Fluorene	1330	1190		ug/Kg		90	56 - 120
Indeno[1,2,3-cd]pyrene	1330	1320		ug/Kg		99	53 - 120
Naphthalene	1330	1100		ug/Kg		83	54 - 120
Phenanthrene	1330	1240		ug/Kg		93	57 - 120
Pyrene	1330	1320		ug/Kg		99	59 - 120

Method: 8270E - Semivolatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: LCS 240-630409/2-A
Matrix: Solid
Analysis Batch: 630367

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 630409

Surrogate	LCS %Recovery	LCS Qualifier	Limits
2,4,6-Tribromophenol (Surr)	87		10 - 120
2-Fluorobiphenyl (Surr)	77		36 - 120
2-Fluorophenol (Surr)	82		26 - 120
Nitrobenzene-d5 (Surr)	81		28 - 120
Phenol-d5 (Surr)	83		29 - 120
Terphenyl-d14 (Surr)	84		37 - 120

Lab Sample ID: 240-212801-14 MS
Matrix: Solid
Analysis Batch: 630600

Client Sample ID: SB-27-0
Prep Type: Total/NA
Prep Batch: 630409

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Acenaphthene	ND		2160	1690		ug/Kg	☼	78	26 - 120
Acenaphthylene	ND		2160	1810		ug/Kg	☼	84	25 - 120
Anthracene	39	J	2160	1920		ug/Kg	☼	87	25 - 121
Benzo[a]anthracene	230		2160	2420		ug/Kg	☼	101	21 - 130
Benzo[a]pyrene	300		2160	2690		ug/Kg	☼	111	12 - 131
Benzo[b]fluoranthene	610	F1	2160	3530	F1	ug/Kg	☼	135	14 - 134
Benzo[g,h,i]perylene	350		2160	2680		ug/Kg	☼	108	10 - 145
Benzo[k]fluoranthene	170		2160	2380		ug/Kg	☼	102	18 - 126
Chrysene	410		2160	2810		ug/Kg	☼	111	20 - 126
Dibenz(a,h)anthracene	66		2160	1900		ug/Kg	☼	85	10 - 141
Fluoranthene	780	F1	2160	4250	F1	ug/Kg	☼	161	18 - 139
Fluorene	ND		2160	1880		ug/Kg	☼	87	29 - 120
Indeno[1,2,3-cd]pyrene	260		2160	2550		ug/Kg	☼	106	10 - 143
Naphthalene	38	J	2160	1750		ug/Kg	☼	79	17 - 120
Phenanthrene	290		2160	2450		ug/Kg	☼	100	18 - 122
Pyrene	610		2160	3410		ug/Kg	☼	129	18 - 136

Surrogate	MS %Recovery	MS Qualifier	Limits
2,4,6-Tribromophenol (Surr)	47		10 - 120
2-Fluorobiphenyl (Surr)	73		36 - 120
2-Fluorophenol (Surr)	68		26 - 120
Nitrobenzene-d5 (Surr)	68		28 - 120
Phenol-d5 (Surr)	74		29 - 120
Terphenyl-d14 (Surr)	65		37 - 120

Lab Sample ID: 240-212801-14 MSD
Matrix: Solid
Analysis Batch: 630600

Client Sample ID: SB-27-0
Prep Type: Total/NA
Prep Batch: 630409

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Acenaphthene	ND		2150	1620		ug/Kg	☼	75	26 - 120	4	40
Acenaphthylene	ND		2150	1770		ug/Kg	☼	82	25 - 120	2	40
Anthracene	39	J	2150	1860		ug/Kg	☼	84	25 - 121	3	40
Benzo[a]anthracene	230		2150	2310		ug/Kg	☼	97	21 - 130	5	40
Benzo[a]pyrene	300		2150	2550		ug/Kg	☼	104	12 - 131	6	40
Benzo[b]fluoranthene	610	F1	2150	3310		ug/Kg	☼	125	14 - 134	6	40

Method: 8270E - Semivolatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: 240-212801-14 MSD
Matrix: Solid
Analysis Batch: 630600

Client Sample ID: SB-27-0
Prep Type: Total/NA
Prep Batch: 630409

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Benzo[g,h,i]perylene	350		2150	2410		ug/Kg	☼	96	10 - 145	11	40
Benzo[k]fluoranthene	170		2150	2360		ug/Kg	☼	101	18 - 126	1	40
Chrysene	410		2150	2670		ug/Kg	☼	105	20 - 126	5	40
Dibenz(a,h)anthracene	66		2150	1860		ug/Kg	☼	83	10 - 141	2	40
Fluoranthene	780	F1	2150	3690		ug/Kg	☼	135	18 - 139	14	40
Fluorene	ND		2150	1710		ug/Kg	☼	79	29 - 120	10	40
Indeno[1,2,3-cd]pyrene	260		2150	2410		ug/Kg	☼	100	10 - 143	6	40
Naphthalene	38	J	2150	1620		ug/Kg	☼	73	17 - 120	8	40
Phenanthrene	290		2150	2180		ug/Kg	☼	88	18 - 122	11	40
Pyrene	610		2150	3060		ug/Kg	☼	114	18 - 136	11	40

Surrogate	*MSD %Recovery*	*MSD Qualifier*	*Limits*
2,4,6-Tribromophenol (Surr)	*50*		*10 - 120*
2-Fluorobiphenyl (Surr)	*70*		*36 - 120*
2-Fluorophenol (Surr)	*67*		*26 - 120*
Nitrobenzene-d5 (Surr)	*66*		*28 - 120*
Phenol-d5 (Surr)	*72*		*29 - 120*
Terphenyl-d14 (Surr)	*66*		*37 - 120*

Lab Sample ID: MB 240-630410/1-A
Matrix: Solid
Analysis Batch: 630600

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 630410

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acenaphthene	ND		40	14	ug/Kg		10/11/24 09:05	10/14/24 08:47	1
Acenaphthylene	ND		40	15	ug/Kg		10/11/24 09:05	10/14/24 08:47	1
Anthracene	ND		40	12	ug/Kg		10/11/24 09:05	10/14/24 08:47	1
Benzo[a]anthracene	ND		40	15	ug/Kg		10/11/24 09:05	10/14/24 08:47	1
Benzo[a]pyrene	ND		40	14	ug/Kg		10/11/24 09:05	10/14/24 08:47	1
Benzo[b]fluoranthene	ND		40	12	ug/Kg		10/11/24 09:05	10/14/24 08:47	1
Benzo[g,h,i]perylene	ND		40	27	ug/Kg		10/11/24 09:05	10/14/24 08:47	1
Benzo[k]fluoranthene	ND		40	10	ug/Kg		10/11/24 09:05	10/14/24 08:47	1
Chrysene	ND		40	14	ug/Kg		10/11/24 09:05	10/14/24 08:47	1
Dibenz(a,h)anthracene	ND		40	15	ug/Kg		10/11/24 09:05	10/14/24 08:47	1
Fluoranthene	ND		40	14	ug/Kg		10/11/24 09:05	10/14/24 08:47	1
Fluorene	ND		40	14	ug/Kg		10/11/24 09:05	10/14/24 08:47	1
Indeno[1,2,3-cd]pyrene	ND		40	12	ug/Kg		10/11/24 09:05	10/14/24 08:47	1
Naphthalene	ND		40	13	ug/Kg		10/11/24 09:05	10/14/24 08:47	1
Phenanthrene	ND		40	13	ug/Kg		10/11/24 09:05	10/14/24 08:47	1
Pyrene	ND		40	16	ug/Kg		10/11/24 09:05	10/14/24 08:47	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2,4,6-Tribromophenol (Surr)	*69*		*10 - 120*	*10/11/24 09:05*	*10/14/24 08:47*	*1*
2-Fluorobiphenyl (Surr)	*74*		*36 - 120*	*10/11/24 09:05*	*10/14/24 08:47*	*1*
2-Fluorophenol (Surr)	*80*		*26 - 120*	*10/11/24 09:05*	*10/14/24 08:47*	*1*
Nitrobenzene-d5 (Surr)	*68*		*28 - 120*	*10/11/24 09:05*	*10/14/24 08:47*	*1*
Phenol-d5 (Surr)	*80*		*29 - 120*	*10/11/24 09:05*	*10/14/24 08:47*	*1*
Terphenyl-d14 (Surr)	*78*		*37 - 120*	*10/11/24 09:05*	*10/14/24 08:47*	*1*

Method: 8270E - Semivolatile Organic Compounds (GC/MS)

Lab Sample ID: LCS 240-630410/2-A
Matrix: Solid
Analysis Batch: 630600

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 630410

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
Acenaphthene			1330	1160		ug/Kg		87	56 - 120		
Acenaphthylene			1330	1230		ug/Kg		93	54 - 120		
Anthracene			1330	1340		ug/Kg		100	59 - 120		
Benzo[a]anthracene			1330	1360		ug/Kg		102	59 - 120		
Benzo[a]pyrene			1330	1380		ug/Kg		103	54 - 120		
Benzo[b]fluoranthene			1330	1350		ug/Kg		102	58 - 120		
Benzo[g,h,i]perylene			1330	1330		ug/Kg		100	56 - 120		
Benzo[k]fluoranthene			1330	1400		ug/Kg		105	59 - 120		
Chrysene			1330	1280		ug/Kg		96	58 - 120		
Dibenz(a,h)anthracene			1330	1380		ug/Kg		103	54 - 120		
Fluoranthene			1330	1420		ug/Kg		107	59 - 120		
Fluorene			1330	1270		ug/Kg		96	56 - 120		
Indeno[1,2,3-cd]pyrene			1330	1390		ug/Kg		104	53 - 120		
Naphthalene			1330	1160		ug/Kg		87	54 - 120		
Phenanthrene			1330	1290		ug/Kg		97	57 - 120		
Pyrene			1330	1360		ug/Kg		102	59 - 120		

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
2,4,6-Tribromophenol (Surr)	*94*		*10 - 120*
2-Fluorobiphenyl (Surr)	*80*		*36 - 120*
2-Fluorophenol (Surr)	*83*		*26 - 120*
Nitrobenzene-d5 (Surr)	*85*		*28 - 120*
Phenol-d5 (Surr)	*85*		*29 - 120*
Terphenyl-d14 (Surr)	*85*		*37 - 120*

Lab Sample ID: 240-212801-30 MS
Matrix: Solid
Analysis Batch: 630600

Client Sample ID: SB-33-0
Prep Type: Total/NA
Prep Batch: 630410

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits		
Acenaphthene	ND		1940	1680		ug/Kg	☼	87	26 - 120		
Acenaphthylene	25	J	1940	1870		ug/Kg	☼	95	25 - 120		
Anthracene	47	J	1940	1990		ug/Kg	☼	100	25 - 121		
Benzo[a]anthracene	310		1940	2600		ug/Kg	☼	118	21 - 130		
Benzo[a]pyrene	470		1940	2820		ug/Kg	☼	122	12 - 131		
Benzo[b]fluoranthene	1100	F1	1940	3830	F1	ug/Kg	☼	142	14 - 134		
Benzo[g,h,i]perylene	530		1940	2520		ug/Kg	☼	103	10 - 145		
Benzo[k]fluoranthene	300		1940	2690		ug/Kg	☼	123	18 - 126		
Chrysene	650	F1	1940	3200	F1	ug/Kg	☼	132	20 - 126		
Dibenz(a,h)anthracene	97		1940	1920		ug/Kg	☼	94	10 - 141		
Fluoranthene	920	F1	1940	4150	F1	ug/Kg	☼	167	18 - 139		
Fluorene	ND		1940	1810		ug/Kg	☼	94	29 - 120		
Indeno[1,2,3-cd]pyrene	440		1940	2540		ug/Kg	☼	108	10 - 143		
Naphthalene	51	J	1940	1760		ug/Kg	☼	88	17 - 120		
Phenanthrene	270		1940	2340		ug/Kg	☼	107	18 - 122		
Pyrene	690	F1	1940	3390	F1	ug/Kg	☼	139	18 - 136		

Method: 8270E - Semivolatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: 240-212801-30 MS
Matrix: Solid
Analysis Batch: 630600

Client Sample ID: SB-33-0
Prep Type: Total/NA
Prep Batch: 630410

Surrogate	MS %Recovery	MS Qualifier	Limits
2,4,6-Tribromophenol (Surr)	*54*		*10 - 120*
2-Fluorobiphenyl (Surr)	*82*		*36 - 120*
2-Fluorophenol (Surr)	*83*		*26 - 120*
Nitrobenzene-d5 (Surr)	*79*		*28 - 120*
Phenol-d5 (Surr)	*89*		*29 - 120*
Terphenyl-d14 (Surr)	*81*		*37 - 120*

Lab Sample ID: 240-212801-30 MSD
Matrix: Solid
Analysis Batch: 630600

Client Sample ID: SB-33-0
Prep Type: Total/NA
Prep Batch: 630410

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Acenaphthene	ND		1880	1370		ug/Kg	☼	73	26 - 120	21	40
Acenaphthylene	25	J	1880	1510		ug/Kg	☼	79	25 - 120	21	40
Anthracene	47	J	1880	1580		ug/Kg	☼	82	25 - 121	23	40
Benzo[a]anthracene	310		1880	2150		ug/Kg	☼	98	21 - 130	19	40
Benzo[a]pyrene	470		1880	2440		ug/Kg	☼	105	12 - 131	15	40
Benzo[b]fluoranthene	1100	F1	1880	3510		ug/Kg	☼	129	14 - 134	9	40
Benzo[g,h,i]perylene	530		1880	2080		ug/Kg	☼	82	10 - 145	19	40
Benzo[k]fluoranthene	300		1880	2230		ug/Kg	☼	103	18 - 126	19	40
Chrysene	650	F1	1880	2720		ug/Kg	☼	110	20 - 126	16	40
Dibenz(a,h)anthracene	97		1880	1550		ug/Kg	☼	77	10 - 141	22	40
Fluoranthene	920	F1	1880	3700	F1	ug/Kg	☼	148	18 - 139	12	40
Fluorene	ND		1880	1490		ug/Kg	☼	79	29 - 120	20	40
Indeno[1,2,3-cd]pyrene	440		1880	2130		ug/Kg	☼	90	10 - 143	18	40
Naphthalene	51	J	1880	1410		ug/Kg	☼	72	17 - 120	22	40
Phenanthrene	270		1880	1960		ug/Kg	☼	90	18 - 122	18	40
Pyrene	690	F1	1880	2930		ug/Kg	☼	119	18 - 136	15	40

Surrogate	MSD %Recovery	MSD Qualifier	Limits
2,4,6-Tribromophenol (Surr)	*57*		*10 - 120*
2-Fluorobiphenyl (Surr)	*72*		*36 - 120*
2-Fluorophenol (Surr)	*70*		*26 - 120*
Nitrobenzene-d5 (Surr)	*67*		*28 - 120*
Phenol-d5 (Surr)	*74*		*29 - 120*
Terphenyl-d14 (Surr)	*68*		*37 - 120*

Lab Sample ID: MB 240-630425/1-A
Matrix: Water
Analysis Batch: 630622

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 630425

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acenaphthene	ND		0.20	0.17	ug/L		10/11/24 09:37	10/14/24 10:22	1
Acenaphthylene	ND		0.20	0.13	ug/L		10/11/24 09:37	10/14/24 10:22	1
Anthracene	ND		0.20	0.14	ug/L		10/11/24 09:37	10/14/24 10:22	1
Benzo[a]anthracene	ND		0.20	0.068	ug/L		10/11/24 09:37	10/14/24 10:22	1
Benzo[a]pyrene	ND		0.20	0.17	ug/L		10/11/24 09:37	10/14/24 10:22	1
Benzo[b]fluoranthene	ND		0.20	0.15	ug/L		10/11/24 09:37	10/14/24 10:22	1

Method: 8270E - Semivolatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: MB 240-630425/1-A
Matrix: Water
Analysis Batch: 630622

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 630425

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzo[g,h,i]perylene	ND		0.20	0.18	ug/L		10/11/24 09:37	10/14/24 10:22	1
Benzo[k]fluoranthene	ND		0.20	0.14	ug/L		10/11/24 09:37	10/14/24 10:22	1
Chrysene	ND		0.20	0.066	ug/L		10/11/24 09:37	10/14/24 10:22	1
Dibenz(a,h)anthracene	ND		0.20	0.15	ug/L		10/11/24 09:37	10/14/24 10:22	1
Fluoranthene	ND		0.20	0.16	ug/L		10/11/24 09:37	10/14/24 10:22	1
Fluorene	ND		0.20	0.079	ug/L		10/11/24 09:37	10/14/24 10:22	1
Indeno[1,2,3-cd]pyrene	ND		0.20	0.14	ug/L		10/11/24 09:37	10/14/24 10:22	1
Naphthalene	ND		0.20	0.11	ug/L		10/11/24 09:37	10/14/24 10:22	1
Phenanthrene	ND		0.20	0.080	ug/L		10/11/24 09:37	10/14/24 10:22	1
Pyrene	ND		0.20	0.083	ug/L		10/11/24 09:37	10/14/24 10:22	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2,4,6-Tribromophenol (Surr)	*72*		*23 - 127*	*10/11/24 09:37*	*10/14/24 10:22*	*1*
2-Fluorobiphenyl (Surr)	*77*		*41 - 120*	*10/11/24 09:37*	*10/14/24 10:22*	*1*
2-Fluorophenol (Surr)	*81*		*10 - 127*	*10/11/24 09:37*	*10/14/24 10:22*	*1*
Nitrobenzene-d5 (Surr)	*82*		*40 - 120*	*10/11/24 09:37*	*10/14/24 10:22*	*1*
Phenol-d5 (Surr)	*46*		*10 - 120*	*10/11/24 09:37*	*10/14/24 10:22*	*1*
Terphenyl-d14 (Surr)	*91*		*43 - 136*	*10/11/24 09:37*	*10/14/24 10:22*	*1*

Lab Sample ID: LCS 240-630425/2-A
Matrix: Water
Analysis Batch: 630622

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 630425

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Acenaphthene	32.0	26.6		ug/L		83	50 - 120
Acenaphthylene	32.0	28.9		ug/L		90	49 - 120
Anthracene	32.0	29.9		ug/L		93	55 - 124
Benzo[a]anthracene	32.0	32.5		ug/L		102	55 - 130
Benzo[a]pyrene	32.0	30.3		ug/L		95	51 - 123
Benzo[b]fluoranthene	32.0	32.8		ug/L		103	51 - 130
Benzo[g,h,i]perylene	32.0	33.4		ug/L		104	55 - 135
Benzo[k]fluoranthene	32.0	31.4		ug/L		98	53 - 130
Chrysene	32.0	29.9		ug/L		93	52 - 126
Dibenz(a,h)anthracene	32.0	34.0		ug/L		106	57 - 132
Fluoranthene	32.0	32.2		ug/L		101	56 - 135
Fluorene	32.0	27.6		ug/L		86	52 - 124
Indeno[1,2,3-cd]pyrene	32.0	34.3		ug/L		107	55 - 134
Naphthalene	32.0	24.8		ug/L		77	46 - 120
Phenanthrene	32.0	28.0		ug/L		88	54 - 120
Pyrene	32.0	31.0		ug/L		97	53 - 135

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
2,4,6-Tribromophenol (Surr)	*95*		*23 - 127*
2-Fluorobiphenyl (Surr)	*79*		*41 - 120*
2-Fluorophenol (Surr)	*127*		*10 - 127*
Nitrobenzene-d5 (Surr)	*91*		*40 - 120*
Phenol-d5 (Surr)	*57*		*10 - 120*
Terphenyl-d14 (Surr)	*87*		*43 - 136*

Method: 8270E - Semivolatile Organic Compounds (GC/MS)

Lab Sample ID: MB 240-630426/1-A
Matrix: Solid
Analysis Batch: 630639

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 630426

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acenaphthene	ND		40	14	ug/Kg		10/11/24 09:48	10/14/24 10:38	1
Acenaphthylene	ND		40	15	ug/Kg		10/11/24 09:48	10/14/24 10:38	1
Anthracene	ND		40	12	ug/Kg		10/11/24 09:48	10/14/24 10:38	1
Benzo[a]anthracene	ND		40	15	ug/Kg		10/11/24 09:48	10/14/24 10:38	1
Benzo[a]pyrene	ND		40	14	ug/Kg		10/11/24 09:48	10/14/24 10:38	1
Benzo[b]fluoranthene	ND		40	12	ug/Kg		10/11/24 09:48	10/14/24 10:38	1
Benzo[g,h,i]perylene	ND		40	27	ug/Kg		10/11/24 09:48	10/14/24 10:38	1
Benzo[k]fluoranthene	ND		40	10	ug/Kg		10/11/24 09:48	10/14/24 10:38	1
Chrysene	ND		40	14	ug/Kg		10/11/24 09:48	10/14/24 10:38	1
Dibenz(a,h)anthracene	ND		40	15	ug/Kg		10/11/24 09:48	10/14/24 10:38	1
Fluoranthene	ND		40	14	ug/Kg		10/11/24 09:48	10/14/24 10:38	1
Fluorene	ND		40	14	ug/Kg		10/11/24 09:48	10/14/24 10:38	1
Indeno[1,2,3-cd]pyrene	ND		40	12	ug/Kg		10/11/24 09:48	10/14/24 10:38	1
Naphthalene	ND		40	13	ug/Kg		10/11/24 09:48	10/14/24 10:38	1
Phenanthrene	ND		40	13	ug/Kg		10/11/24 09:48	10/14/24 10:38	1
Pyrene	ND		40	16	ug/Kg		10/11/24 09:48	10/14/24 10:38	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2,4,6-Tribromophenol (Surr)	*90*		*10 - 120*	*10/11/24 09:48*	*10/14/24 10:38*	*1*
2-Fluorobiphenyl (Surr)	*100*		*36 - 120*	*10/11/24 09:48*	*10/14/24 10:38*	*1*
2-Fluorophenol (Surr)	*102*		*26 - 120*	*10/11/24 09:48*	*10/14/24 10:38*	*1*
Nitrobenzene-d5 (Surr)	*95*		*28 - 120*	*10/11/24 09:48*	*10/14/24 10:38*	*1*
Phenol-d5 (Surr)	*105*		*29 - 120*	*10/11/24 09:48*	*10/14/24 10:38*	*1*
Terphenyl-d14 (Surr)	*99*		*37 - 120*	*10/11/24 09:48*	*10/14/24 10:38*	*1*

Lab Sample ID: LCS 240-630426/2-A
Matrix: Solid
Analysis Batch: 630639

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 630426

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Acenaphthene	1330	1400		ug/Kg		105	56 - 120
Acenaphthylene	1330	1370		ug/Kg		102	54 - 120
Anthracene	1330	1460		ug/Kg		109	59 - 120
Benzo[a]anthracene	1330	1380		ug/Kg		104	59 - 120
Benzo[a]pyrene	1330	1380		ug/Kg		103	54 - 120
Benzo[b]fluoranthene	1330	1300		ug/Kg		98	58 - 120
Benzo[g,h,i]perylene	1330	1440		ug/Kg		108	56 - 120
Benzo[k]fluoranthene	1330	1350		ug/Kg		101	59 - 120
Chrysene	1330	1430		ug/Kg		107	58 - 120
Dibenz(a,h)anthracene	1330	1250		ug/Kg		94	54 - 120
Fluoranthene	1330	1490		ug/Kg		111	59 - 120
Fluorene	1330	1410		ug/Kg		106	56 - 120
Indeno[1,2,3-cd]pyrene	1330	1410		ug/Kg		105	53 - 120
Naphthalene	1330	1310		ug/Kg		98	54 - 120
Phenanthrene	1330	1450		ug/Kg		109	57 - 120
Pyrene	1330	1420		ug/Kg		106	59 - 120

Method: 8270E - Semivolatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: LCS 240-630426/2-A
Matrix: Solid
Analysis Batch: 630639

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 630426

Surrogate	LCS %Recovery	LCS Qualifier	Limits
2,4,6-Tribromophenol (Surr)	94		10 - 120
2-Fluorobiphenyl (Surr)	91		36 - 120
2-Fluorophenol (Surr)	93		26 - 120
Nitrobenzene-d5 (Surr)	97		28 - 120
Phenol-d5 (Surr)	98		29 - 120
Terphenyl-d14 (Surr)	89		37 - 120

Lab Sample ID: 240-212801-41 MS
Matrix: Solid
Analysis Batch: 630639

Client Sample ID: SB-30-0
Prep Type: Total/NA
Prep Batch: 630426

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Acenaphthene	ND	F2 F1	2740	2640		ug/Kg	☼	96	26 - 120
Acenaphthylene	ND	F2 F1	2740	2680		ug/Kg	☼	98	25 - 120
Anthracene	ND	F2 F1	2740	2720		ug/Kg	☼	99	25 - 121
Benzo[a]anthracene	160	F2 F1	2740	2850		ug/Kg	☼	98	21 - 130
Benzo[a]pyrene	230	F2 F1	2740	2760		ug/Kg	☼	92	12 - 131
Benzo[b]fluoranthene	420	F2 F1	2740	3130		ug/Kg	☼	99	14 - 134
Benzo[g,h,i]perylene	260	F2 F1	2740	3240		ug/Kg	☼	109	10 - 145
Benzo[k]fluoranthene	170	F2 F1	2740	2680		ug/Kg	☼	92	18 - 126
Chrysene	370	F2 F1	2740	2930		ug/Kg	☼	93	20 - 126
Dibenz(a,h)anthracene	47	J F2 F1	2740	2640		ug/Kg	☼	95	10 - 141
Fluoranthene	610	F2 F1	2740	3390		ug/Kg	☼	102	18 - 139
Fluorene	ND	F2 F1	2740	2720		ug/Kg	☼	99	29 - 120
Indeno[1,2,3-cd]pyrene	180	F2 F1	2740	3200		ug/Kg	☼	110	10 - 143
Naphthalene	29	J F2 F1	2740	2470		ug/Kg	☼	89	17 - 120
Phenanthrene	180	F2 F1	2740	2830		ug/Kg	☼	97	18 - 122
Pyrene	470	F2 F1	2740	3070		ug/Kg	☼	95	18 - 136

Surrogate	MS %Recovery	MS Qualifier	Limits
2,4,6-Tribromophenol (Surr)	92		10 - 120
2-Fluorobiphenyl (Surr)	87		36 - 120
2-Fluorophenol (Surr)	83		26 - 120
Nitrobenzene-d5 (Surr)	82		28 - 120
Phenol-d5 (Surr)	88		29 - 120
Terphenyl-d14 (Surr)	79		37 - 120

Lab Sample ID: 240-212801-41 MSD
Matrix: Solid
Analysis Batch: 630639

Client Sample ID: SB-30-0
Prep Type: Total/NA
Prep Batch: 630426

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Acenaphthene	ND	F2 F1	2860	54.9	J F2 F1	ug/Kg	☼	2	26 - 120	192	40
Acenaphthylene	ND	F2 F1	2860	61.2	J F2 F1	ug/Kg	☼	2	25 - 120	191	40
Anthracene	ND	F2 F1	2860	74.8	J F2 F1	ug/Kg	☼	3	25 - 121	189	40
Benzo[a]anthracene	160	F2 F1	2860	228	F2 F1	ug/Kg	☼	2	21 - 130	170	40
Benzo[a]pyrene	230	F2 F1	2860	277	F2 F1	ug/Kg	☼	2	12 - 131	164	40
Benzo[b]fluoranthene	420	F2 F1	2860	623	F2 F1	ug/Kg	☼	7	14 - 134	134	40

Method: 8270E - Semivolatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: 240-212801-41 MSD
Matrix: Solid
Analysis Batch: 630639

Client Sample ID: SB-30-0
Prep Type: Total/NA
Prep Batch: 630426

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Benzo[g,h,i]perylene	260	F2 F1	2860	412	F2 F1	ug/Kg	☼	5	10 - 145	155	40
Benzo[k]fluoranthene	170	F2 F1	2860	235	F2 F1	ug/Kg	☼	2	18 - 126	168	40
Chrysene	370	F2 F1	2860	463	F2 F1	ug/Kg	☼	3	20 - 126	145	40
Dibenz(a,h)anthracene	47	J F2 F1	2860	110	F2 F1	ug/Kg	☼	2	10 - 141	184	40
Fluoranthene	610	F2 F1	2860	734	F2 F1	ug/Kg	☼	4	18 - 139	129	40
Fluorene	ND	F2 F1	2860	62.9	J F2 F1	ug/Kg	☼	2	29 - 120	191	40
Indeno[1,2,3-cd]pyrene	180	F2 F1	2860	319	F2 F1	ug/Kg	☼	5	10 - 143	164	40
Naphthalene	29	J F2 F1	2860	88.9	F2 F1	ug/Kg	☼	2	17 - 120	186	40
Phenanthrene	180	F2 F1	2860	243	F2 F1	ug/Kg	☼	2	18 - 122	168	40
Pyrene	470	F2 F1	2860	579	F2 F1	ug/Kg	☼	4	18 - 136	137	40

Surrogate	*MSD %Recovery*	*MSD Qualifier*	*Limits*
2,4,6-Tribromophenol (Surr)	*97*		*10 - 120*
2-Fluorobiphenyl (Surr)	*90*		*36 - 120*
2-Fluorophenol (Surr)	*95*		*26 - 120*
Nitrobenzene-d5 (Surr)	*87*		*28 - 120*
Phenol-d5 (Surr)	*96*		*29 - 120*
Terphenyl-d14 (Surr)	*82*		*37 - 120*

Lab Sample ID: MB 240-630816/1-A
Matrix: Solid
Analysis Batch: 630967

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 630816

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acenaphthene	ND		40	14	ug/Kg		10/15/24 08:33	10/16/24 07:46	1
Acenaphthylene	ND		40	15	ug/Kg		10/15/24 08:33	10/16/24 07:46	1
Anthracene	ND		40	12	ug/Kg		10/15/24 08:33	10/16/24 07:46	1
Benzo[a]anthracene	ND		40	15	ug/Kg		10/15/24 08:33	10/16/24 07:46	1
Benzo[a]pyrene	ND		40	14	ug/Kg		10/15/24 08:33	10/16/24 07:46	1
Benzo[b]fluoranthene	ND		40	12	ug/Kg		10/15/24 08:33	10/16/24 07:46	1
Benzo[g,h,i]perylene	ND		40	27	ug/Kg		10/15/24 08:33	10/16/24 07:46	1
Benzo[k]fluoranthene	ND		40	10	ug/Kg		10/15/24 08:33	10/16/24 07:46	1
Chrysene	ND		40	14	ug/Kg		10/15/24 08:33	10/16/24 07:46	1
Dibenz(a,h)anthracene	ND		40	15	ug/Kg		10/15/24 08:33	10/16/24 07:46	1
Fluoranthene	ND		40	14	ug/Kg		10/15/24 08:33	10/16/24 07:46	1
Fluorene	ND		40	14	ug/Kg		10/15/24 08:33	10/16/24 07:46	1
Indeno[1,2,3-cd]pyrene	ND		40	12	ug/Kg		10/15/24 08:33	10/16/24 07:46	1
Naphthalene	ND		40	13	ug/Kg		10/15/24 08:33	10/16/24 07:46	1
Phenanthrene	ND		40	13	ug/Kg		10/15/24 08:33	10/16/24 07:46	1
Pyrene	ND		40	16	ug/Kg		10/15/24 08:33	10/16/24 07:46	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2,4,6-Tribromophenol (Surr)	*75*		*10 - 120*	*10/15/24 08:33*	*10/16/24 07:46*	*1*
2-Fluorobiphenyl (Surr)	*74*		*36 - 120*	*10/15/24 08:33*	*10/16/24 07:46*	*1*
2-Fluorophenol (Surr)	*82*		*26 - 120*	*10/15/24 08:33*	*10/16/24 07:46*	*1*
Nitrobenzene-d5 (Surr)	*68*		*28 - 120*	*10/15/24 08:33*	*10/16/24 07:46*	*1*
Phenol-d5 (Surr)	*85*		*29 - 120*	*10/15/24 08:33*	*10/16/24 07:46*	*1*
Terphenyl-d14 (Surr)	*77*		*37 - 120*	*10/15/24 08:33*	*10/16/24 07:46*	*1*

Method: 8270E - Semivolatile Organic Compounds (GC/MS)

Lab Sample ID: LCS 240-630816/2-A
Matrix: Solid
Analysis Batch: 630967

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 630816

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Acenaphthene	1330	927		ug/Kg		70	56 - 120
Acenaphthylene	1330	992		ug/Kg		74	54 - 120
Anthracene	1330	1100		ug/Kg		82	59 - 120
Benzo[a]anthracene	1330	1110		ug/Kg		83	59 - 120
Benzo[a]pyrene	1330	1110		ug/Kg		83	54 - 120
Benzo[b]fluoranthene	1330	1140		ug/Kg		85	58 - 120
Benzo[g,h,i]perylene	1330	1110		ug/Kg		83	56 - 120
Benzo[k]fluoranthene	1330	1040		ug/Kg		78	59 - 120
Chrysene	1330	1040		ug/Kg		78	58 - 120
Dibenz(a,h)anthracene	1330	1130		ug/Kg		84	54 - 120
Fluoranthene	1330	1130		ug/Kg		84	59 - 120
Fluorene	1330	1020		ug/Kg		76	56 - 120
Indeno[1,2,3-cd]pyrene	1330	1150		ug/Kg		86	53 - 120
Naphthalene	1330	937		ug/Kg		70	54 - 120
Phenanthrene	1330	1050		ug/Kg		78	57 - 120
Pyrene	1330	1110		ug/Kg		83	59 - 120

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
2,4,6-Tribromophenol (Surr)	*78*		*10 - 120*
2-Fluorobiphenyl (Surr)	*66*		*36 - 120*
2-Fluorophenol (Surr)	*68*		*26 - 120*
Nitrobenzene-d5 (Surr)	*68*		*28 - 120*
Phenol-d5 (Surr)	*70*		*29 - 120*
Terphenyl-d14 (Surr)	*71*		*37 - 120*

Method: 6010D - Metals (ICP)

Lab Sample ID: MB 240-630468/1-A
Matrix: Solid
Analysis Batch: 630591

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 630468

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	ND		1.5	0.32	mg/Kg		10/11/24 15:00	10/12/24 17:18	1
Barium	0.183	J	20	0.13	mg/Kg		10/11/24 15:00	10/12/24 17:18	1
Cadmium	ND		0.50	0.048	mg/Kg		10/11/24 15:00	10/12/24 17:18	1
Chromium	ND		1.0	0.34	mg/Kg		10/11/24 15:00	10/12/24 17:18	1
Copper	ND		2.5	0.70	mg/Kg		10/11/24 15:00	10/12/24 17:18	1
Lead	ND		1.0	0.28	mg/Kg		10/11/24 15:00	10/12/24 17:18	1
Selenium	ND		2.0	0.47	mg/Kg		10/11/24 15:00	10/12/24 17:18	1
Silver	ND		1.0	0.081	mg/Kg		10/11/24 15:00	10/12/24 17:18	1
Zinc	ND		5.0	3.6	mg/Kg		10/11/24 15:00	10/12/24 17:18	1

Lab Sample ID: LCS 240-630468/2-A
Matrix: Solid
Analysis Batch: 630591

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 630468

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Arsenic	200	193		mg/Kg		96	80 - 120
Barium	200	185		mg/Kg		93	80 - 120

Method: 6010D - Metals (ICP) (Continued)

Lab Sample ID: LCS 240-630468/2-A
Matrix: Solid
Analysis Batch: 630591

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 630468

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Cadmium	100	94.3		mg/Kg		94	80 - 120
Chromium	100	94.5		mg/Kg		95	80 - 120
Copper	100	91.7		mg/Kg		92	80 - 120
Lead	100	91.2		mg/Kg		91	80 - 120
Selenium	200	189		mg/Kg		95	80 - 120
Silver	10.0	8.34		mg/Kg		83	80 - 120
Zinc	100	95.3		mg/Kg		95	80 - 120

Lab Sample ID: 240-212801-14 MS
Matrix: Solid
Analysis Batch: 630591

Client Sample ID: SB-27-0
Prep Type: Total/NA
Prep Batch: 630468

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Arsenic	9.3		263	245		mg/Kg	☼	89	75 - 125
Barium	63	B	263	311		mg/Kg	☼	94	75 - 125
Cadmium	0.33	J	132	113		mg/Kg	☼	85	75 - 125
Chromium	26		132	140		mg/Kg	☼	87	75 - 125
Copper	1.8	J F1 F2	132	8.30	F1	mg/Kg	☼	5	75 - 125
Lead	26		132	138		mg/Kg	☼	85	75 - 125
Selenium	0.87	J	263	226		mg/Kg	☼	85	75 - 125
Silver	ND		13.2	10.3		mg/Kg	☼	78	75 - 125

Lab Sample ID: 240-212801-14 MS
Matrix: Solid
Analysis Batch: 630781

Client Sample ID: SB-27-0
Prep Type: Total/NA
Prep Batch: 630468

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Zinc	7500	F2	132	5750	4	mg/Kg	☼	-1340	75 - 125

Lab Sample ID: 240-212801-14 MSD
Matrix: Solid
Analysis Batch: 630591

Client Sample ID: SB-27-0
Prep Type: Total/NA
Prep Batch: 630468

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Arsenic	9.3		263	236		mg/Kg	☼	86	75 - 125	4	20
Barium	63	B	263	301		mg/Kg	☼	90	75 - 125	3	20
Cadmium	0.33	J	132	109		mg/Kg	☼	83	75 - 125	3	20
Chromium	26		132	140		mg/Kg	☼	87	75 - 125	0	20
Copper	1.8	J F1 F2	132	13.0	F1 F2	mg/Kg	☼	8	75 - 125	44	20
Lead	26		132	134		mg/Kg	☼	82	75 - 125	3	20
Selenium	0.87	J	263	218		mg/Kg	☼	82	75 - 125	4	20
Silver	ND		13.2	10.4		mg/Kg	☼	79	75 - 125	1	20

Lab Sample ID: 240-212801-14 MSD
Matrix: Solid
Analysis Batch: 630781

Client Sample ID: SB-27-0
Prep Type: Total/NA
Prep Batch: 630468

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Zinc	7500	F2	132	4430	4 F2	mg/Kg	☼	-2342	75 - 125	26	20

Method: 6010D - Metals (ICP) (Continued)

Lab Sample ID: MB 240-630499/1-A
Matrix: Solid
Analysis Batch: 630591

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 630499

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	ND		1.5	0.32	mg/Kg		10/11/24 15:00	10/12/24 19:24	1
Barium	0.156	J	20	0.13	mg/Kg		10/11/24 15:00	10/12/24 19:24	1
Cadmium	ND		0.50	0.048	mg/Kg		10/11/24 15:00	10/12/24 19:24	1
Chromium	ND		1.0	0.34	mg/Kg		10/11/24 15:00	10/12/24 19:24	1
Copper	ND		2.5	0.70	mg/Kg		10/11/24 15:00	10/12/24 19:24	1
Lead	ND		1.0	0.28	mg/Kg		10/11/24 15:00	10/12/24 19:24	1
Selenium	ND		2.0	0.47	mg/Kg		10/11/24 15:00	10/12/24 19:24	1
Silver	ND		1.0	0.081	mg/Kg		10/11/24 15:00	10/12/24 19:24	1
Zinc	ND		5.0	3.6	mg/Kg		10/11/24 15:00	10/12/24 19:24	1

Lab Sample ID: LCS 240-630499/2-A
Matrix: Solid
Analysis Batch: 630591

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 630499

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Arsenic	200	199		mg/Kg		99	80 - 120
Barium	200	191		mg/Kg		95	80 - 120
Cadmium	100	97.1		mg/Kg		97	80 - 120
Chromium	100	97.8		mg/Kg		98	80 - 120
Copper	100	94.1		mg/Kg		94	80 - 120
Lead	100	92.7		mg/Kg		93	80 - 120
Selenium	200	196		mg/Kg		98	80 - 120
Silver	10.0	8.48		mg/Kg		85	80 - 120
Zinc	100	97.7		mg/Kg		98	80 - 120

Lab Sample ID: 240-212801-30 MS
Matrix: Solid
Analysis Batch: 630591

Client Sample ID: SB-33-0
Prep Type: Total/NA
Prep Batch: 630499

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Arsenic	11		233	214		mg/Kg	☼	87	75 - 125
Barium	80	B	233	298		mg/Kg	☼	93	75 - 125
Cadmium	0.39	J	117	98.0		mg/Kg	☼	84	75 - 125
Chromium	24		117	126		mg/Kg	☼	88	75 - 125
Copper	4.0	F1 F2	117	18.8	F1	mg/Kg	☼	13	75 - 125
Lead	29		117	128		mg/Kg	☼	85	75 - 125
Selenium	0.67	J	233	195		mg/Kg	☼	83	75 - 125
Silver	ND		11.7	9.61		mg/Kg	☼	82	75 - 125

Lab Sample ID: 240-212801-30 MS
Matrix: Solid
Analysis Batch: 630781

Client Sample ID: SB-33-0
Prep Type: Total/NA
Prep Batch: 630499

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Zinc	7600	F2	117	4630	4	mg/Kg	☼	-2557	75 - 125

Method: 6010D - Metals (ICP) (Continued)

Lab Sample ID: 240-212801-30 MSD
Matrix: Solid
Analysis Batch: 630591

Client Sample ID: SB-33-0
Prep Type: Total/NA
Prep Batch: 630499

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Arsenic	11		233	214		mg/Kg	☼	87	75 - 125	0	20
Barium	80	B	233	297		mg/Kg	☼	93	75 - 125	0	20
Cadmium	0.39	J	117	98.4		mg/Kg	☼	84	75 - 125	0	20
Chromium	24		117	119		mg/Kg	☼	81	75 - 125	6	20
Copper	4.0	F1 F2	117	11.4	F1 F2	mg/Kg	☼	6	75 - 125	49	20
Lead	29		117	126		mg/Kg	☼	83	75 - 125	2	20
Selenium	0.67	J	233	196		mg/Kg	☼	84	75 - 125	1	20
Silver	ND		11.7	9.63		mg/Kg	☼	83	75 - 125	0	20

Lab Sample ID: 240-212801-30 MSD
Matrix: Solid
Analysis Batch: 630781

Client Sample ID: SB-33-0
Prep Type: Total/NA
Prep Batch: 630499

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Zinc	7600	F2	117	8170	4 F2	mg/Kg	☼	476	75 - 125	55	20

Lab Sample ID: MB 240-630517/1-A
Matrix: Solid
Analysis Batch: 630591

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 630517

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	ND		1.5	0.32	mg/Kg		10/11/24 15:00	10/12/24 15:39	1
Barium	ND		20	0.13	mg/Kg		10/11/24 15:00	10/12/24 15:39	1
Cadmium	ND		0.50	0.048	mg/Kg		10/11/24 15:00	10/12/24 15:39	1
Chromium	ND		1.0	0.34	mg/Kg		10/11/24 15:00	10/12/24 15:39	1
Copper	ND		2.5	0.70	mg/Kg		10/11/24 15:00	10/12/24 15:39	1
Lead	ND		1.0	0.28	mg/Kg		10/11/24 15:00	10/12/24 15:39	1
Selenium	ND		2.0	0.47	mg/Kg		10/11/24 15:00	10/12/24 15:39	1
Silver	ND		1.0	0.081	mg/Kg		10/11/24 15:00	10/12/24 15:39	1
Zinc	ND		5.0	3.6	mg/Kg		10/11/24 15:00	10/12/24 15:39	1

Lab Sample ID: LCS 240-630517/2-A
Matrix: Solid
Analysis Batch: 630591

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 630517

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
Arsenic			200	200		mg/Kg		100	80 - 120		
Barium			200	190		mg/Kg		95	80 - 120		
Cadmium			100	98.0		mg/Kg		98	80 - 120		
Chromium			100	98.0		mg/Kg		98	80 - 120		
Copper			100	95.0		mg/Kg		95	80 - 120		
Lead			100	93.9		mg/Kg		94	80 - 120		
Selenium			200	197		mg/Kg		98	80 - 120		
Silver			10.0	8.60		mg/Kg		86	80 - 120		
Zinc			100	98.5		mg/Kg		99	80 - 120		

Method: 6010D - Metals (ICP) (Continued)

Lab Sample ID: 240-212801-41 MS
Matrix: Solid
Analysis Batch: 630591

Client Sample ID: SB-30-0
Prep Type: Total/NA
Prep Batch: 630517

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Arsenic	7.0		383	354		mg/Kg	☼	91	75 - 125
Barium	62		383	422		mg/Kg	☼	94	75 - 125
Cadmium	0.43	J	192	169		mg/Kg	☼	88	75 - 125
Chromium	19		192	166		mg/Kg	☼	77	75 - 125
Copper	1.4	J F1 F2	192	13.1	F1	mg/Kg	☼	6	75 - 125
Lead	23		192	188		mg/Kg	☼	86	75 - 125
Selenium	ND		383	312		mg/Kg	☼	81	75 - 125
Silver	ND		19.2	15.6		mg/Kg	☼	82	75 - 125

Lab Sample ID: 240-212801-41 MS
Matrix: Solid
Analysis Batch: 630591

Client Sample ID: SB-30-0
Prep Type: Total/NA
Prep Batch: 630517

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Zinc	22000		192	19800	4	mg/Kg	☼	-1008	75 - 125

Lab Sample ID: 240-212801-41 MSD
Matrix: Solid
Analysis Batch: 630591

Client Sample ID: SB-30-0
Prep Type: Total/NA
Prep Batch: 630517

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Arsenic	7.0		383	348		mg/Kg	☼	89	75 - 125	2	20
Barium	62		383	413		mg/Kg	☼	92	75 - 125	2	20
Cadmium	0.43	J	192	165		mg/Kg	☼	86	75 - 125	2	20
Chromium	19		192	167		mg/Kg	☼	77	75 - 125	0	20
Copper	1.4	J F1 F2	192	16.2	F1 F2	mg/Kg	☼	8	75 - 125	22	20
Lead	23		192	183		mg/Kg	☼	84	75 - 125	3	20
Selenium	ND		383	307		mg/Kg	☼	80	75 - 125	2	20
Silver	ND		19.2	14.9		mg/Kg	☼	78	75 - 125	5	20

Lab Sample ID: 240-212801-41 MSD
Matrix: Solid
Analysis Batch: 630591

Client Sample ID: SB-30-0
Prep Type: Total/NA
Prep Batch: 630517

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Zinc	22000		192	20000	4	mg/Kg	☼	-930	75 - 125	1	20

Lab Sample ID: MB 240-630461/1-A
Matrix: Water
Analysis Batch: 630591

Client Sample ID: Method Blank
Prep Type: Total Recoverable
Prep Batch: 630461

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	ND		15	4.1	ug/L		10/11/24 14:00	10/13/24 02:21	1
Barium	3.67	J	200	1.3	ug/L		10/11/24 14:00	10/13/24 02:21	1
Cadmium	ND		5.0	0.45	ug/L		10/11/24 14:00	10/13/24 02:21	1
Chromium	ND		10	0.76	ug/L		10/11/24 14:00	10/13/24 02:21	1
Copper	ND		25	3.5	ug/L		10/11/24 14:00	10/13/24 02:21	1
Lead	ND		10	2.8	ug/L		10/11/24 14:00	10/13/24 02:21	1
Silver	ND		10	1.4	ug/L		10/11/24 14:00	10/13/24 02:21	1

Method: 6010D - Metals (ICP) (Continued)

Lab Sample ID: MB 240-630461/1-A
Matrix: Water
Analysis Batch: 630591

Client Sample ID: Method Blank
Prep Type: Total Recoverable
Prep Batch: 630461

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Zinc	ND		50	23	ug/L		10/11/24 14:00	10/13/24 02:21	1

Lab Sample ID: MB 240-630461/1-A
Matrix: Water
Analysis Batch: 630781

Client Sample ID: Method Blank
Prep Type: Total Recoverable
Prep Batch: 630461

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Selenium	ND		20	6.0	ug/L		10/11/24 14:00	10/14/24 22:24	1

Lab Sample ID: LCS 240-630461/2-A
Matrix: Water
Analysis Batch: 630591

Client Sample ID: Lab Control Sample
Prep Type: Total Recoverable
Prep Batch: 630461

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Arsenic	2000	1830		ug/L		91	80 - 120
Barium	2000	1990		ug/L		99	80 - 120
Cadmium	1000	894		ug/L		89	80 - 120
Chromium	1000	925		ug/L		93	80 - 120
Copper	1000	915		ug/L		91	80 - 120
Lead	1000	923		ug/L		92	80 - 120
Silver	100	90.9		ug/L		91	80 - 120
Zinc	1000	1000		ug/L		100	80 - 120

Lab Sample ID: LCS 240-630461/2-A
Matrix: Water
Analysis Batch: 630781

Client Sample ID: Lab Control Sample
Prep Type: Total Recoverable
Prep Batch: 630461

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Selenium	2000	1970		ug/L		99	80 - 120

Method: 7470A - Mercury (CVAA)

Lab Sample ID: MB 240-630480/1-A
Matrix: Water
Analysis Batch: 630747

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 630480

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	ND		0.20	0.13	ug/L		10/11/24 14:00	10/14/24 13:40	1

Lab Sample ID: LCS 240-630480/2-A
Matrix: Water
Analysis Batch: 630747

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 630480

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Mercury	5.00	4.83		ug/L		97	80 - 120

Method: 7471B - Mercury (CVAA)

Lab Sample ID: MB 240-630474/1-A
Matrix: Solid
Analysis Batch: 630737

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 630474

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.0199	J	0.10	0.018	mg/Kg		10/11/24 15:00	10/14/24 11:45	1

Lab Sample ID: LCS 240-630474/2-A
Matrix: Solid
Analysis Batch: 630737

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 630474

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Mercury	0.833	0.821		mg/Kg		98	80 - 120

Lab Sample ID: 240-212801-14 MS
Matrix: Solid
Analysis Batch: 630737

Client Sample ID: SB-27-0
Prep Type: Total/NA
Prep Batch: 630474

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Mercury	0.060	J B	0.268	0.313		mg/Kg	☼	95	80 - 120

Lab Sample ID: 240-212801-14 MSD
Matrix: Solid
Analysis Batch: 630737

Client Sample ID: SB-27-0
Prep Type: Total/NA
Prep Batch: 630474

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Mercury	0.060	J B	0.268	0.320		mg/Kg	☼	97	80 - 120	2	20

Lab Sample ID: MB 240-630500/1-A
Matrix: Solid
Analysis Batch: 630737

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 630500

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	ND		0.10	0.018	mg/Kg		10/11/24 15:00	10/14/24 10:57	1

Lab Sample ID: LCS 240-630500/2-A
Matrix: Solid
Analysis Batch: 630737

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 630500

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Mercury	0.833	0.790		mg/Kg		95	80 - 120

Lab Sample ID: 240-212801-30 MS
Matrix: Solid
Analysis Batch: 630737

Client Sample ID: SB-33-0
Prep Type: Total/NA
Prep Batch: 630500

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Mercury	0.039	J	0.233	0.241		mg/Kg	☼	87	80 - 120

Lab Sample ID: 240-212801-30 MSD
Matrix: Solid
Analysis Batch: 630737

Client Sample ID: SB-33-0
Prep Type: Total/NA
Prep Batch: 630500

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Mercury	0.039	J	0.233	0.239		mg/Kg	☼	86	80 - 120	1	20

Method: 7471B - Mercury (CVAA)

Lab Sample ID: MB 240-630522/1-A
Matrix: Solid
Analysis Batch: 630737

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 630522

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	ND		0.10	0.018	mg/Kg		10/11/24 15:00	10/14/24 12:46	1

Lab Sample ID: LCS 240-630522/2-A
Matrix: Solid
Analysis Batch: 630737

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 630522

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Mercury	0.833	0.794		mg/Kg		95	80 - 120

Lab Sample ID: 240-212801-41 MS
Matrix: Solid
Analysis Batch: 630737

Client Sample ID: SB-30-0
Prep Type: Total/NA
Prep Batch: 630522

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Mercury	0.078	J	0.390	0.444		mg/Kg	☼	94	80 - 120

Lab Sample ID: 240-212801-41 MSD
Matrix: Solid
Analysis Batch: 630737

Client Sample ID: SB-30-0
Prep Type: Total/NA
Prep Batch: 630522

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Mercury	0.078	J	0.390	0.424		mg/Kg	☼	89	80 - 120	5	20

Method: 7196A - Chromium, Hexavalent

Lab Sample ID: MB 240-630416/3
Matrix: Water
Analysis Batch: 630416

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chromium, hexavalent	ND		0.020	0.0070	mg/L			10/11/24 09:18	1

Lab Sample ID: MB 240-630416/37
Matrix: Water
Analysis Batch: 630416

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chromium, hexavalent	ND		0.020	0.0070	mg/L			10/11/24 10:57	1

Lab Sample ID: LCS 240-630416/38
Matrix: Water
Analysis Batch: 630416

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Chromium, hexavalent	0.250	0.269		mg/L		108	85 - 115

Method: 7196A - Chromium, Hexavalent (Continued)

Lab Sample ID: LCS 240-630416/4
Matrix: Water
Analysis Batch: 630416

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
Chromium, hexavalent			0.250	0.273		mg/L		109	85 - 115		

Lab Sample ID: 240-212801-55 MS
Matrix: Water
Analysis Batch: 630416

Client Sample ID: EB-2-20241010
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits		
Chromium, hexavalent	ND		0.250	0.251		mg/L		100	85 - 115		
Chromium, hexavalent	ND		0.250	0.251		mg/L		100	85 - 115		

Lab Sample ID: 240-212801-55 MSD
Matrix: Water
Analysis Batch: 630416

Client Sample ID: EB-2-20241010
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Chromium, hexavalent	ND		0.250	0.245		mg/L		98	85 - 115	2	20
Chromium, hexavalent	ND		0.250	0.245		mg/L		98	85 - 115	2	20

Method: 9012B - Cyanide, Total andor Amenable

Lab Sample ID: MB 240-630677/1-A
Matrix: Solid
Analysis Batch: 630755

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 630677

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cyanide, Total	ND		0.46	0.37	mg/Kg		10/14/24 10:17	10/14/24 14:09	1

Lab Sample ID: LCS 240-630677/2-A
Matrix: Solid
Analysis Batch: 630755

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 630677

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
Cyanide, Total			8.18	7.72		mg/Kg		94	65 - 128		

Lab Sample ID: MB 240-630709/1-A
Matrix: Solid
Analysis Batch: 630786

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 630709

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cyanide, Total	ND		0.63	0.50	mg/Kg		10/14/24 11:27	10/14/24 18:34	1

Lab Sample ID: LCS 240-630709/2-A
Matrix: Solid
Analysis Batch: 630786

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 630709

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
Cyanide, Total			8.18	8.15		mg/Kg		100	65 - 128		

Method: 9012B - Cyanide, Total andor Amenable (Continued)

Lab Sample ID: 240-212801-14 MS
Matrix: Solid
Analysis Batch: 630786

Client Sample ID: SB-27-0
Prep Type: Total/NA
Prep Batch: 630709

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Cyanide, Total	930		1.61	925	4	mg/Kg	☼	-466	24 - 140

Lab Sample ID: 240-212801-14 MSD
Matrix: Solid
Analysis Batch: 630786

Client Sample ID: SB-27-0
Prep Type: Total/NA
Prep Batch: 630709

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Cyanide, Total	930		1.68	959	4	mg/Kg	☼	1551	24 - 140	4	40

Lab Sample ID: 240-212801-20 MS
Matrix: Solid
Analysis Batch: 630786

Client Sample ID: SB-28-2.0
Prep Type: Total/NA
Prep Batch: 630709

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Cyanide, Total	6.9	F2	1.13	8.91	4	mg/Kg	☼	179	24 - 140

Lab Sample ID: 240-212801-20 MSD
Matrix: Solid
Analysis Batch: 630786

Client Sample ID: SB-28-2.0
Prep Type: Total/NA
Prep Batch: 630709

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Cyanide, Total	6.9	F2	1.13	5.49	J 4 F2	mg/Kg	☼	-124	24 - 140	47	40

Lab Sample ID: MB 240-630926/1-A
Matrix: Solid
Analysis Batch: 630965

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 630926

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cyanide, Total	ND		0.50	0.40	mg/Kg		10/15/24 14:23	10/15/24 16:30	1

Lab Sample ID: LCS 240-630926/2-A
Matrix: Solid
Analysis Batch: 630965

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 630926

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Cyanide, Total	7.85	7.13		mg/Kg		91	65 - 128

Lab Sample ID: 240-212801-30 MS
Matrix: Solid
Analysis Batch: 630965

Client Sample ID: SB-33-0
Prep Type: Total/NA
Prep Batch: 630926

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Cyanide, Total	390		1.39	810	4	mg/Kg	☼	30649	24 - 140

Lab Sample ID: 240-212801-30 MSD
Matrix: Solid
Analysis Batch: 630965

Client Sample ID: SB-33-0
Prep Type: Total/NA
Prep Batch: 630926

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Cyanide, Total	390		1.33	576	4	mg/Kg	☼	14278	24 - 140	34	40

Method: 9012B - Cyanide, Total andor Amenable

Lab Sample ID: MB 240-630939/1-A
Matrix: Solid
Analysis Batch: 631084

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 630939

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cyanide, Total	ND		0.50	0.40	mg/Kg		10/15/24 15:30	10/15/24 20:08	1

Lab Sample ID: LCS 240-630939/2-A
Matrix: Solid
Analysis Batch: 631084

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 630939

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Cyanide, Total	8.18	7.81		mg/Kg		95	65 - 128

Lab Sample ID: 240-212801-39 MS
Matrix: Solid
Analysis Batch: 631084

Client Sample ID: SB-31-0.5
Prep Type: Total/NA
Prep Batch: 630939

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Cyanide, Total	37		1.37	29.6	4	mg/Kg	☼	-558	24 - 140

Lab Sample ID: 240-212801-39 MSD
Matrix: Solid
Analysis Batch: 631084

Client Sample ID: SB-31-0.5
Prep Type: Total/NA
Prep Batch: 630939

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Cyanide, Total	37		1.42	33.2	4	mg/Kg	☼	-284	24 - 140	11	40

Lab Sample ID: 240-212801-41 MS
Matrix: Solid
Analysis Batch: 631084

Client Sample ID: SB-30-0
Prep Type: Total/NA
Prep Batch: 630939

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Cyanide, Total	320		2.30	389	4	mg/Kg	☼	2874	24 - 140

Lab Sample ID: 240-212801-41 MSD
Matrix: Solid
Analysis Batch: 631084

Client Sample ID: SB-30-0
Prep Type: Total/NA
Prep Batch: 630939

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Cyanide, Total	320		2.30	427	4	mg/Kg	☼	4543	24 - 140	9	40

Lab Sample ID: MRL 240-630965/10
Matrix: Solid
Analysis Batch: 630965

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	MRL Result	MRL Qualifier	Unit	D	%Rec	%Rec Limits
Cyanide, Total	0.0100	0.0106		mg/L		106	70 - 130

Lab Sample ID: MB 240-631135/1-A
Matrix: Water
Analysis Batch: 631156

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 631135

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cyanide, Total	ND		0.010	0.0060	mg/L		10/16/24 15:41	10/16/24 16:34	1

Method: 9012B - Cyanide, Total andor Amenable

Lab Sample ID: LCS 240-631135/2-A
Matrix: Water
Analysis Batch: 631156

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 631135

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Cyanide, Total	0.327	0.315		mg/L		96	85 - 115

Method: Moisture - Percent Moisture

Lab Sample ID: 240-212801-1 DU
Matrix: Solid
Analysis Batch: 630479

Client Sample ID: SB-23-0
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	DU Result	DU Qualifier	Unit	D	RPD	RPD Limit
Percent Solids	58.6		58.7		%		0.2	20
Percent Moisture	41.4		41.3		%		0.2	20

Lab Sample ID: 240-212801-14 DU
Matrix: Solid
Analysis Batch: 630479

Client Sample ID: SB-27-0
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	DU Result	DU Qualifier	Unit	D	RPD	RPD Limit
Percent Solids	62.3		62.4		%		0.3	20
Percent Moisture	37.7		37.6		%		0.4	20

Lab Sample ID: 240-212801-19 DU
Matrix: Solid
Analysis Batch: 630479

Client Sample ID: SB-28-0.5
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	DU Result	DU Qualifier	Unit	D	RPD	RPD Limit
Percent Solids	71.0		72.1		%		2	20
Percent Moisture	29.0		27.9		%		4	20

Lab Sample ID: 240-212801-30 DU
Matrix: Solid
Analysis Batch: 630479

Client Sample ID: SB-33-0
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	DU Result	DU Qualifier	Unit	D	RPD	RPD Limit
Percent Solids	69.2		69.4		%		0.3	20
Percent Moisture	30.8		30.6		%		0.6	20

Lab Sample ID: 240-212801-41 DU
Matrix: Solid
Analysis Batch: 630479

Client Sample ID: SB-30-0
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	DU Result	DU Qualifier	Unit	D	RPD	RPD Limit
Percent Solids	47.4		45.8		%		3	20
Percent Moisture	52.6		54.2		%		3	20

Lab Sample ID: 240-212801-49 DU
Matrix: Solid
Analysis Batch: 630479

Client Sample ID: SB-35-0.5
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	DU Result	DU Qualifier	Unit	D	RPD	RPD Limit
Percent Solids	48.3		48.5		%		0.4	20

Method: Moisture - Percent Moisture (Continued)

Lab Sample ID: 240-212801-49 DU
Matrix: Solid
Analysis Batch: 630479

Client Sample ID: SB-35-0.5
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier		DU Result	DU Qualifier	Unit	D			RPD	RPD Limit
Percent Moisture	51.7			51.5		%				0.4	20

GC/MS Semi VOA

Analysis Batch: 630367

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
240-212801-3	SB-23-2.0	Total/NA	Solid	8270E	630409
240-212801-7	SB-24-2.0	Total/NA	Solid	8270E	630409
240-212801-9	SB-25-0.5	Total/NA	Solid	8270E	630409
240-212801-10	SB-25-2.0	Total/NA	Solid	8270E	630409
240-212801-11	SB-26-2.0	Total/NA	Solid	8270E	630409
240-212801-13	SB-26-0.5	Total/NA	Solid	8270E	630409
240-212801-16	SB-27-2.0	Total/NA	Solid	8270E	630409
240-212801-17	SB-28-0	Total/NA	Solid	8270E	630409
240-212801-18	DUP-10-20241008	Total/NA	Solid	8270E	630409
240-212801-19	SB-28-0.5	Total/NA	Solid	8270E	630409
240-212801-20	SB-28-2.0	Total/NA	Solid	8270E	630409
MB 240-630409/1-A	Method Blank	Total/NA	Solid	8270E	630409
LCS 240-630409/2-A	Lab Control Sample	Total/NA	Solid	8270E	630409

Prep Batch: 630409

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
240-212801-1	SB-23-0	Total/NA	Solid	3546	
240-212801-2	SB-23-0.5	Total/NA	Solid	3546	
240-212801-3	SB-23-2.0	Total/NA	Solid	3546	
240-212801-4	DUP-9-2024 1008	Total/NA	Solid	3546	
240-212801-5	SB-24-0	Total/NA	Solid	3546	
240-212801-6	SB-24-0.5	Total/NA	Solid	3546	
240-212801-7	SB-24-2.0	Total/NA	Solid	3546	
240-212801-8	SB-25-0	Total/NA	Solid	3546	
240-212801-9	SB-25-0.5	Total/NA	Solid	3546	
240-212801-10	SB-25-2.0	Total/NA	Solid	3546	
240-212801-11	SB-26-2.0	Total/NA	Solid	3546	
240-212801-12	SB-26-0	Total/NA	Solid	3546	
240-212801-13	SB-26-0.5	Total/NA	Solid	3546	
240-212801-14	SB-27-0	Total/NA	Solid	3546	
240-212801-16	SB-27-2.0	Total/NA	Solid	3546	
240-212801-17	SB-28-0	Total/NA	Solid	3546	
240-212801-18	DUP-10-20241008	Total/NA	Solid	3546	
240-212801-19	SB-28-0.5	Total/NA	Solid	3546	
240-212801-20	SB-28-2.0	Total/NA	Solid	3546	
MB 240-630409/1-A	Method Blank	Total/NA	Solid	3546	
LCS 240-630409/2-A	Lab Control Sample	Total/NA	Solid	3546	
240-212801-14 MS	SB-27-0	Total/NA	Solid	3546	
240-212801-14 MSD	SB-27-0	Total/NA	Solid	3546	

Prep Batch: 630410

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
240-212801-21	SB-29-0	Total/NA	Solid	3546	
240-212801-22	SB-29-0.5	Total/NA	Solid	3546	
240-212801-23	SB-29-2.0	Total/NA	Solid	3546	
240-212801-24	SB-34-0	Total/NA	Solid	3546	
240-212801-25	SB-34-0.5	Total/NA	Solid	3546	
240-212801-26	SB-34-2.0	Total/NA	Solid	3546	
240-212801-30	SB-33-0	Total/NA	Solid	3546	
240-212801-31	SB-33-0.5	Total/NA	Solid	3546	
240-212801-32	SB-33-2.0	Total/NA	Solid	3546	

GC/MS Semi VOA (Continued)

Prep Batch: 630410 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
240-212801-33	DUP-11-20241009	Total/NA	Solid	3546	
240-212801-34	SB-32-0	Total/NA	Solid	3546	
240-212801-35	SB-32-0.5	Total/NA	Solid	3546	
240-212801-36	SB-32-2.0	Total/NA	Solid	3546	
240-212801-37	SB-31-0	Total/NA	Solid	3546	
240-212801-38	DUP-12-20241009	Total/NA	Solid	3546	
240-212801-39	SB-31-0.5	Total/NA	Solid	3546	
240-212801-40	SB-31-2.0	Total/NA	Solid	3546	
240-212801-48	SB-35-0	Total/NA	Solid	3546	
240-212801-49	SB-35-0.5	Total/NA	Solid	3546	
240-212801-50	SB-35-2.0	Total/NA	Solid	3546	
MB 240-630410/1-A	Method Blank	Total/NA	Solid	3546	
LCS 240-630410/2-A	Lab Control Sample	Total/NA	Solid	3546	
240-212801-30 MS	SB-33-0	Total/NA	Solid	3546	
240-212801-30 MSD	SB-33-0	Total/NA	Solid	3546	

Prep Batch: 630425

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
240-212801-55	EB-2-20241010	Total/NA	Water	3510C LVI	
240-212801-56	RB-2-20241010	Total/NA	Water	3510C LVI	
MB 240-630425/1-A	Method Blank	Total/NA	Water	3510C LVI	
LCS 240-630425/2-A	Lab Control Sample	Total/NA	Water	3510C LVI	

Prep Batch: 630426

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
240-212801-41	SB-30-0	Total/NA	Solid	3546	
240-212801-42	SB-30-0.5	Total/NA	Solid	3546	
240-212801-43	DUP-13-20241009	Total/NA	Solid	3546	
240-212801-44	SB-30-2.0	Total/NA	Solid	3546	
240-212801-45	SB-36-0	Total/NA	Solid	3546	
240-212801-46	SB-36-0.5	Total/NA	Solid	3546	
240-212801-47	SB-36-2.0	Total/NA	Solid	3546	
MB 240-630426/1-A	Method Blank	Total/NA	Solid	3546	
LCS 240-630426/2-A	Lab Control Sample	Total/NA	Solid	3546	
240-212801-41 MS	SB-30-0	Total/NA	Solid	3546	
240-212801-41 MSD	SB-30-0	Total/NA	Solid	3546	

Analysis Batch: 630600

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
240-212801-1	SB-23-0	Total/NA	Solid	8270E	630409
240-212801-2	SB-23-0.5	Total/NA	Solid	8270E	630409
240-212801-4	DUP-9-2024 1008	Total/NA	Solid	8270E	630409
240-212801-5	SB-24-0	Total/NA	Solid	8270E	630409
240-212801-6	SB-24-0.5	Total/NA	Solid	8270E	630409
240-212801-8	SB-25-0	Total/NA	Solid	8270E	630409
240-212801-12	SB-26-0	Total/NA	Solid	8270E	630409
240-212801-14	SB-27-0	Total/NA	Solid	8270E	630409
240-212801-21	SB-29-0	Total/NA	Solid	8270E	630410
240-212801-22	SB-29-0.5	Total/NA	Solid	8270E	630410
240-212801-23	SB-29-2.0	Total/NA	Solid	8270E	630410
240-212801-24	SB-34-0	Total/NA	Solid	8270E	630410

GC/MS Semi VOA (Continued)

Analysis Batch: 630600 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
240-212801-25	SB-34-0.5	Total/NA	Solid	8270E	630410
240-212801-26	SB-34-2.0	Total/NA	Solid	8270E	630410
240-212801-30	SB-33-0	Total/NA	Solid	8270E	630410
240-212801-31	SB-33-0.5	Total/NA	Solid	8270E	630410
240-212801-32	SB-33-2.0	Total/NA	Solid	8270E	630410
240-212801-33	DUP-11-20241009	Total/NA	Solid	8270E	630410
240-212801-34	SB-32-0	Total/NA	Solid	8270E	630410
240-212801-35	SB-32-0.5	Total/NA	Solid	8270E	630410
240-212801-36	SB-32-2.0	Total/NA	Solid	8270E	630410
MB 240-630410/1-A	Method Blank	Total/NA	Solid	8270E	630410
LCS 240-630410/2-A	Lab Control Sample	Total/NA	Solid	8270E	630410
240-212801-14 MS	SB-27-0	Total/NA	Solid	8270E	630409
240-212801-14 MSD	SB-27-0	Total/NA	Solid	8270E	630409
240-212801-30 MS	SB-33-0	Total/NA	Solid	8270E	630410
240-212801-30 MSD	SB-33-0	Total/NA	Solid	8270E	630410

Analysis Batch: 630622

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
240-212801-55	EB-2-20241010	Total/NA	Water	8270E	630425
240-212801-56	RB-2-20241010	Total/NA	Water	8270E	630425
MB 240-630425/1-A	Method Blank	Total/NA	Water	8270E	630425
LCS 240-630425/2-A	Lab Control Sample	Total/NA	Water	8270E	630425

Analysis Batch: 630639

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
240-212801-41	SB-30-0	Total/NA	Solid	8270E	630426
240-212801-42	SB-30-0.5	Total/NA	Solid	8270E	630426
240-212801-43	DUP-13-20241009	Total/NA	Solid	8270E	630426
240-212801-44	SB-30-2.0	Total/NA	Solid	8270E	630426
240-212801-45	SB-36-0	Total/NA	Solid	8270E	630426
240-212801-46	SB-36-0.5	Total/NA	Solid	8270E	630426
240-212801-47	SB-36-2.0	Total/NA	Solid	8270E	630426
MB 240-630426/1-A	Method Blank	Total/NA	Solid	8270E	630426
LCS 240-630426/2-A	Lab Control Sample	Total/NA	Solid	8270E	630426
240-212801-41 MS	SB-30-0	Total/NA	Solid	8270E	630426
240-212801-41 MSD	SB-30-0	Total/NA	Solid	8270E	630426

Analysis Batch: 630772

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
240-212801-37	SB-31-0	Total/NA	Solid	8270E	630410
240-212801-38	DUP-12-20241009	Total/NA	Solid	8270E	630410
240-212801-39	SB-31-0.5	Total/NA	Solid	8270E	630410
240-212801-40	SB-31-2.0	Total/NA	Solid	8270E	630410
240-212801-48	SB-35-0	Total/NA	Solid	8270E	630410
240-212801-49	SB-35-0.5	Total/NA	Solid	8270E	630410
240-212801-50	SB-35-2.0	Total/NA	Solid	8270E	630410

Prep Batch: 630816

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
240-212801-15	SB-27-0.5	Total/NA	Solid	3546	
MB 240-630816/1-A	Method Blank	Total/NA	Solid	3546	

GC/MS Semi VOA (Continued)

Prep Batch: 630816 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
LCS 240-630816/2-A	Lab Control Sample	Total/NA	Solid	3546	

Analysis Batch: 630967

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
240-212801-15	SB-27-0.5	Total/NA	Solid	8270E	630816
MB 240-630816/1-A	Method Blank	Total/NA	Solid	8270E	630816
LCS 240-630816/2-A	Lab Control Sample	Total/NA	Solid	8270E	630816

Metals

Prep Batch: 630461

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
240-212801-55	EB-2-20241010	Total Recoverable	Water	3005A	
240-212801-56	RB-2-20241010	Total Recoverable	Water	3005A	
MB 240-630461/1-A	Method Blank	Total Recoverable	Water	3005A	
LCS 240-630461/2-A	Lab Control Sample	Total Recoverable	Water	3005A	

Prep Batch: 630468

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
240-212801-1	SB-23-0	Total/NA	Solid	3050B	
240-212801-2	SB-23-0.5	Total/NA	Solid	3050B	
240-212801-3	SB-23-2.0	Total/NA	Solid	3050B	
240-212801-4	DUP-9-2024 1008	Total/NA	Solid	3050B	
240-212801-5	SB-24-0	Total/NA	Solid	3050B	
240-212801-6	SB-24-0.5	Total/NA	Solid	3050B	
240-212801-7	SB-24-2.0	Total/NA	Solid	3050B	
240-212801-8	SB-25-0	Total/NA	Solid	3050B	
240-212801-9	SB-25-0.5	Total/NA	Solid	3050B	
240-212801-10	SB-25-2.0	Total/NA	Solid	3050B	
240-212801-11	SB-26-2.0	Total/NA	Solid	3050B	
240-212801-12	SB-26-0	Total/NA	Solid	3050B	
240-212801-13	SB-26-0.5	Total/NA	Solid	3050B	
240-212801-14	SB-27-0	Total/NA	Solid	3050B	
240-212801-15	SB-27-0.5	Total/NA	Solid	3050B	
240-212801-16	SB-27-2.0	Total/NA	Solid	3050B	
240-212801-17	SB-28-0	Total/NA	Solid	3050B	
240-212801-18	DUP-10-20241008	Total/NA	Solid	3050B	
240-212801-19	SB-28-0.5	Total/NA	Solid	3050B	
240-212801-20	SB-28-2.0	Total/NA	Solid	3050B	
MB 240-630468/1-A	Method Blank	Total/NA	Solid	3050B	
LCS 240-630468/2-A	Lab Control Sample	Total/NA	Solid	3050B	
240-212801-14 MS	SB-27-0	Total/NA	Solid	3050B	
240-212801-14 MSD	SB-27-0	Total/NA	Solid	3050B	

Prep Batch: 630474

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
240-212801-1	SB-23-0	Total/NA	Solid	7471B	
240-212801-2	SB-23-0.5	Total/NA	Solid	7471B	
240-212801-3	SB-23-2.0	Total/NA	Solid	7471B	
240-212801-4	DUP-9-2024 1008	Total/NA	Solid	7471B	
240-212801-5	SB-24-0	Total/NA	Solid	7471B	

Metals (Continued)

Prep Batch: 630474 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
240-212801-6	SB-24-0.5	Total/NA	Solid	7471B	
240-212801-7	SB-24-2.0	Total/NA	Solid	7471B	
240-212801-8	SB-25-0	Total/NA	Solid	7471B	
240-212801-9	SB-25-0.5	Total/NA	Solid	7471B	
240-212801-10	SB-25-2.0	Total/NA	Solid	7471B	
240-212801-11	SB-26-2.0	Total/NA	Solid	7471B	
240-212801-12	SB-26-0	Total/NA	Solid	7471B	
240-212801-13	SB-26-0.5	Total/NA	Solid	7471B	
240-212801-14	SB-27-0	Total/NA	Solid	7471B	
240-212801-15	SB-27-0.5	Total/NA	Solid	7471B	
240-212801-16	SB-27-2.0	Total/NA	Solid	7471B	
240-212801-17	SB-28-0	Total/NA	Solid	7471B	
240-212801-18	DUP-10-20241008	Total/NA	Solid	7471B	
240-212801-19	SB-28-0.5	Total/NA	Solid	7471B	
240-212801-20	SB-28-2.0	Total/NA	Solid	7471B	
MB 240-630474/1-A	Method Blank	Total/NA	Solid	7471B	
LCS 240-630474/2-A	Lab Control Sample	Total/NA	Solid	7471B	
240-212801-14 MS	SB-27-0	Total/NA	Solid	7471B	
240-212801-14 MSD	SB-27-0	Total/NA	Solid	7471B	

Prep Batch: 630480

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
240-212801-55	EB-2-20241010	Total/NA	Water	7470A	
240-212801-56	RB-2-20241010	Total/NA	Water	7470A	
MB 240-630480/1-A	Method Blank	Total/NA	Water	7470A	
LCS 240-630480/2-A	Lab Control Sample	Total/NA	Water	7470A	

Prep Batch: 630499

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
240-212801-21	SB-29-0	Total/NA	Solid	3050B	
240-212801-22	SB-29-0.5	Total/NA	Solid	3050B	
240-212801-23	SB-29-2.0	Total/NA	Solid	3050B	
240-212801-24	SB-34-0	Total/NA	Solid	3050B	
240-212801-25	SB-34-0.5	Total/NA	Solid	3050B	
240-212801-26	SB-34-2.0	Total/NA	Solid	3050B	
240-212801-30	SB-33-0	Total/NA	Solid	3050B	
240-212801-31	SB-33-0.5	Total/NA	Solid	3050B	
240-212801-32	SB-33-2.0	Total/NA	Solid	3050B	
240-212801-33	DUP-11-20241009	Total/NA	Solid	3050B	
240-212801-34	SB-32-0	Total/NA	Solid	3050B	
240-212801-35	SB-32-0.5	Total/NA	Solid	3050B	
240-212801-36	SB-32-2.0	Total/NA	Solid	3050B	
240-212801-37	SB-31-0	Total/NA	Solid	3050B	
240-212801-38	DUP-12-20241009	Total/NA	Solid	3050B	
240-212801-39	SB-31-0.5	Total/NA	Solid	3050B	
240-212801-40	SB-31-2.0	Total/NA	Solid	3050B	
240-212801-42	SB-30-0.5	Total/NA	Solid	3050B	
240-212801-43	DUP-13-20241009	Total/NA	Solid	3050B	
240-212801-44	SB-30-2.0	Total/NA	Solid	3050B	
MB 240-630499/1-A	Method Blank	Total/NA	Solid	3050B	
LCS 240-630499/2-A	Lab Control Sample	Total/NA	Solid	3050B	

Metals (Continued)

Prep Batch: 630499 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
240-212801-30 MS	SB-33-0	Total/NA	Solid	3050B	
240-212801-30 MSD	SB-33-0	Total/NA	Solid	3050B	

Prep Batch: 630500

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
240-212801-21	SB-29-0	Total/NA	Solid	7471B	
240-212801-22	SB-29-0.5	Total/NA	Solid	7471B	
240-212801-23	SB-29-2.0	Total/NA	Solid	7471B	
240-212801-24	SB-34-0	Total/NA	Solid	7471B	
240-212801-25	SB-34-0.5	Total/NA	Solid	7471B	
240-212801-26	SB-34-2.0	Total/NA	Solid	7471B	
240-212801-30	SB-33-0	Total/NA	Solid	7471B	
240-212801-31	SB-33-0.5	Total/NA	Solid	7471B	
240-212801-32	SB-33-2.0	Total/NA	Solid	7471B	
240-212801-33	DUP-11-20241009	Total/NA	Solid	7471B	
240-212801-34	SB-32-0	Total/NA	Solid	7471B	
240-212801-35	SB-32-0.5	Total/NA	Solid	7471B	
240-212801-36	SB-32-2.0	Total/NA	Solid	7471B	
240-212801-37	SB-31-0	Total/NA	Solid	7471B	
240-212801-38	DUP-12-20241009	Total/NA	Solid	7471B	
240-212801-39	SB-31-0.5	Total/NA	Solid	7471B	
240-212801-40	SB-31-2.0	Total/NA	Solid	7471B	
240-212801-42	SB-30-0.5	Total/NA	Solid	7471B	
240-212801-43	DUP-13-20241009	Total/NA	Solid	7471B	
240-212801-44	SB-30-2.0	Total/NA	Solid	7471B	
MB 240-630500/1-A	Method Blank	Total/NA	Solid	7471B	
LCS 240-630500/2-A	Lab Control Sample	Total/NA	Solid	7471B	
240-212801-30 MS	SB-33-0	Total/NA	Solid	7471B	
240-212801-30 MSD	SB-33-0	Total/NA	Solid	7471B	

Prep Batch: 630517

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
240-212801-41	SB-30-0	Total/NA	Solid	3050B	
240-212801-45	SB-36-0	Total/NA	Solid	3050B	
240-212801-46	SB-36-0.5	Total/NA	Solid	3050B	
240-212801-47	SB-36-2.0	Total/NA	Solid	3050B	
240-212801-48	SB-35-0	Total/NA	Solid	3050B	
240-212801-49	SB-35-0.5	Total/NA	Solid	3050B	
240-212801-50	SB-35-2.0	Total/NA	Solid	3050B	
MB 240-630517/1-A	Method Blank	Total/NA	Solid	3050B	
LCS 240-630517/2-A	Lab Control Sample	Total/NA	Solid	3050B	
240-212801-41 MS	SB-30-0	Total/NA	Solid	3050B	
240-212801-41 MSD	SB-30-0	Total/NA	Solid	3050B	

Prep Batch: 630522

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
240-212801-41	SB-30-0	Total/NA	Solid	7471B	
240-212801-45	SB-36-0	Total/NA	Solid	7471B	
240-212801-46	SB-36-0.5	Total/NA	Solid	7471B	
240-212801-47	SB-36-2.0	Total/NA	Solid	7471B	
240-212801-48	SB-35-0	Total/NA	Solid	7471B	

Metals (Continued)

Prep Batch: 630522 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
240-212801-49	SB-35-0.5	Total/NA	Solid	7471B	
240-212801-50	SB-35-2.0	Total/NA	Solid	7471B	
MB 240-630522/1-A	Method Blank	Total/NA	Solid	7471B	
LCS 240-630522/2-A	Lab Control Sample	Total/NA	Solid	7471B	
240-212801-41 MS	SB-30-0	Total/NA	Solid	7471B	
240-212801-41 MSD	SB-30-0	Total/NA	Solid	7471B	

Analysis Batch: 630591

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
240-212801-1	SB-23-0	Total/NA	Solid	6010D	630468
240-212801-2	SB-23-0.5	Total/NA	Solid	6010D	630468
240-212801-3	SB-23-2.0	Total/NA	Solid	6010D	630468
240-212801-4	DUP-9-2024 1008	Total/NA	Solid	6010D	630468
240-212801-5	SB-24-0	Total/NA	Solid	6010D	630468
240-212801-6	SB-24-0.5	Total/NA	Solid	6010D	630468
240-212801-7	SB-24-2.0	Total/NA	Solid	6010D	630468
240-212801-8	SB-25-0	Total/NA	Solid	6010D	630468
240-212801-9	SB-25-0.5	Total/NA	Solid	6010D	630468
240-212801-10	SB-25-2.0	Total/NA	Solid	6010D	630468
240-212801-11	SB-26-2.0	Total/NA	Solid	6010D	630468
240-212801-12	SB-26-0	Total/NA	Solid	6010D	630468
240-212801-13	SB-26-0.5	Total/NA	Solid	6010D	630468
240-212801-14	SB-27-0	Total/NA	Solid	6010D	630468
240-212801-15	SB-27-0.5	Total/NA	Solid	6010D	630468
240-212801-16	SB-27-2.0	Total/NA	Solid	6010D	630468
240-212801-17	SB-28-0	Total/NA	Solid	6010D	630468
240-212801-18	DUP-10-20241008	Total/NA	Solid	6010D	630468
240-212801-19	SB-28-0.5	Total/NA	Solid	6010D	630468
240-212801-20	SB-28-2.0	Total/NA	Solid	6010D	630468
240-212801-21	SB-29-0	Total/NA	Solid	6010D	630499
240-212801-22	SB-29-0.5	Total/NA	Solid	6010D	630499
240-212801-23	SB-29-2.0	Total/NA	Solid	6010D	630499
240-212801-24	SB-34-0	Total/NA	Solid	6010D	630499
240-212801-25	SB-34-0.5	Total/NA	Solid	6010D	630499
240-212801-26	SB-34-2.0	Total/NA	Solid	6010D	630499
240-212801-30	SB-33-0	Total/NA	Solid	6010D	630499
240-212801-31	SB-33-0.5	Total/NA	Solid	6010D	630499
240-212801-32	SB-33-2.0	Total/NA	Solid	6010D	630499
240-212801-33	DUP-11-20241009	Total/NA	Solid	6010D	630499
240-212801-34	SB-32-0	Total/NA	Solid	6010D	630499
240-212801-35	SB-32-0.5	Total/NA	Solid	6010D	630499
240-212801-36	SB-32-2.0	Total/NA	Solid	6010D	630499
240-212801-37	SB-31-0	Total/NA	Solid	6010D	630499
240-212801-38	DUP-12-20241009	Total/NA	Solid	6010D	630499
240-212801-39	SB-31-0.5	Total/NA	Solid	6010D	630499
240-212801-40	SB-31-2.0	Total/NA	Solid	6010D	630499
240-212801-41	SB-30-0	Total/NA	Solid	6010D	630517
240-212801-41	SB-30-0	Total/NA	Solid	6010D	630517
240-212801-42	SB-30-0.5	Total/NA	Solid	6010D	630499
240-212801-43	DUP-13-20241009	Total/NA	Solid	6010D	630499
240-212801-44	SB-30-2.0	Total/NA	Solid	6010D	630499

Metals (Continued)

Analysis Batch: 630591 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
240-212801-45	SB-36-0	Total/NA	Solid	6010D	630517
240-212801-45	SB-36-0	Total/NA	Solid	6010D	630517
240-212801-46	SB-36-0.5	Total/NA	Solid	6010D	630517
240-212801-47	SB-36-2.0	Total/NA	Solid	6010D	630517
240-212801-48	SB-35-0	Total/NA	Solid	6010D	630517
240-212801-49	SB-35-0.5	Total/NA	Solid	6010D	630517
240-212801-50	SB-35-2.0	Total/NA	Solid	6010D	630517
240-212801-55	EB-2-20241010	Total Recoverable	Water	6010D	630461
240-212801-56	RB-2-20241010	Total Recoverable	Water	6010D	630461
MB 240-630461/1-A	Method Blank	Total Recoverable	Water	6010D	630461
MB 240-630468/1-A	Method Blank	Total/NA	Solid	6010D	630468
MB 240-630499/1-A	Method Blank	Total/NA	Solid	6010D	630499
MB 240-630517/1-A	Method Blank	Total/NA	Solid	6010D	630517
LCS 240-630461/2-A	Lab Control Sample	Total Recoverable	Water	6010D	630461
LCS 240-630468/2-A	Lab Control Sample	Total/NA	Solid	6010D	630468
LCS 240-630499/2-A	Lab Control Sample	Total/NA	Solid	6010D	630499
LCS 240-630517/2-A	Lab Control Sample	Total/NA	Solid	6010D	630517
240-212801-14 MS	SB-27-0	Total/NA	Solid	6010D	630468
240-212801-14 MSD	SB-27-0	Total/NA	Solid	6010D	630468
240-212801-30 MS	SB-33-0	Total/NA	Solid	6010D	630499
240-212801-30 MSD	SB-33-0	Total/NA	Solid	6010D	630499
240-212801-41 MS	SB-30-0	Total/NA	Solid	6010D	630517
240-212801-41 MS	SB-30-0	Total/NA	Solid	6010D	630517
240-212801-41 MSD	SB-30-0	Total/NA	Solid	6010D	630517
240-212801-41 MSD	SB-30-0	Total/NA	Solid	6010D	630517

Analysis Batch: 630737

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
240-212801-1	SB-23-0	Total/NA	Solid	7471B	630474
240-212801-2	SB-23-0.5	Total/NA	Solid	7471B	630474
240-212801-3	SB-23-2.0	Total/NA	Solid	7471B	630474
240-212801-4	DUP-9-2024 1008	Total/NA	Solid	7471B	630474
240-212801-5	SB-24-0	Total/NA	Solid	7471B	630474
240-212801-6	SB-24-0.5	Total/NA	Solid	7471B	630474
240-212801-7	SB-24-2.0	Total/NA	Solid	7471B	630474
240-212801-8	SB-25-0	Total/NA	Solid	7471B	630474
240-212801-9	SB-25-0.5	Total/NA	Solid	7471B	630474
240-212801-10	SB-25-2.0	Total/NA	Solid	7471B	630474
240-212801-11	SB-26-2.0	Total/NA	Solid	7471B	630474
240-212801-12	SB-26-0	Total/NA	Solid	7471B	630474
240-212801-13	SB-26-0.5	Total/NA	Solid	7471B	630474
240-212801-14	SB-27-0	Total/NA	Solid	7471B	630474
240-212801-15	SB-27-0.5	Total/NA	Solid	7471B	630474
240-212801-16	SB-27-2.0	Total/NA	Solid	7471B	630474
240-212801-17	SB-28-0	Total/NA	Solid	7471B	630474
240-212801-18	DUP-10-20241008	Total/NA	Solid	7471B	630474
240-212801-19	SB-28-0.5	Total/NA	Solid	7471B	630474
240-212801-20	SB-28-2.0	Total/NA	Solid	7471B	630474
240-212801-21	SB-29-0	Total/NA	Solid	7471B	630500
240-212801-22	SB-29-0.5	Total/NA	Solid	7471B	630500
240-212801-23	SB-29-2.0	Total/NA	Solid	7471B	630500

Metals (Continued)

Analysis Batch: 630737 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
240-212801-24	SB-34-0	Total/NA	Solid	7471B	630500
240-212801-25	SB-34-0.5	Total/NA	Solid	7471B	630500
240-212801-26	SB-34-2.0	Total/NA	Solid	7471B	630500
240-212801-30	SB-33-0	Total/NA	Solid	7471B	630500
240-212801-31	SB-33-0.5	Total/NA	Solid	7471B	630500
240-212801-32	SB-33-2.0	Total/NA	Solid	7471B	630500
240-212801-33	DUP-11-20241009	Total/NA	Solid	7471B	630500
240-212801-34	SB-32-0	Total/NA	Solid	7471B	630500
240-212801-35	SB-32-0.5	Total/NA	Solid	7471B	630500
240-212801-36	SB-32-2.0	Total/NA	Solid	7471B	630500
240-212801-37	SB-31-0	Total/NA	Solid	7471B	630500
240-212801-38	DUP-12-20241009	Total/NA	Solid	7471B	630500
240-212801-39	SB-31-0.5	Total/NA	Solid	7471B	630500
240-212801-40	SB-31-2.0	Total/NA	Solid	7471B	630500
240-212801-41	SB-30-0	Total/NA	Solid	7471B	630522
240-212801-42	SB-30-0.5	Total/NA	Solid	7471B	630500
240-212801-43	DUP-13-20241009	Total/NA	Solid	7471B	630500
240-212801-44	SB-30-2.0	Total/NA	Solid	7471B	630500
240-212801-45	SB-36-0	Total/NA	Solid	7471B	630522
240-212801-46	SB-36-0.5	Total/NA	Solid	7471B	630522
240-212801-47	SB-36-2.0	Total/NA	Solid	7471B	630522
240-212801-48	SB-35-0	Total/NA	Solid	7471B	630522
240-212801-49	SB-35-0.5	Total/NA	Solid	7471B	630522
240-212801-50	SB-35-2.0	Total/NA	Solid	7471B	630522
MB 240-630474/1-A	Method Blank	Total/NA	Solid	7471B	630474
MB 240-630500/1-A	Method Blank	Total/NA	Solid	7471B	630500
MB 240-630522/1-A	Method Blank	Total/NA	Solid	7471B	630522
LCS 240-630474/2-A	Lab Control Sample	Total/NA	Solid	7471B	630474
LCS 240-630500/2-A	Lab Control Sample	Total/NA	Solid	7471B	630500
LCS 240-630522/2-A	Lab Control Sample	Total/NA	Solid	7471B	630522
240-212801-14 MS	SB-27-0	Total/NA	Solid	7471B	630474
240-212801-14 MSD	SB-27-0	Total/NA	Solid	7471B	630474
240-212801-30 MS	SB-33-0	Total/NA	Solid	7471B	630500
240-212801-30 MSD	SB-33-0	Total/NA	Solid	7471B	630500
240-212801-41 MS	SB-30-0	Total/NA	Solid	7471B	630522
240-212801-41 MSD	SB-30-0	Total/NA	Solid	7471B	630522

Analysis Batch: 630747

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
240-212801-55	EB-2-20241010	Total/NA	Water	7470A	630480
240-212801-56	RB-2-20241010	Total/NA	Water	7470A	630480
MB 240-630480/1-A	Method Blank	Total/NA	Water	7470A	630480
LCS 240-630480/2-A	Lab Control Sample	Total/NA	Water	7470A	630480

Analysis Batch: 630781

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
240-212801-1	SB-23-0	Total/NA	Solid	6010D	630468
240-212801-4	DUP-9-2024 1008	Total/NA	Solid	6010D	630468
240-212801-5	SB-24-0	Total/NA	Solid	6010D	630468
240-212801-8	SB-25-0	Total/NA	Solid	6010D	630468
240-212801-14	SB-27-0	Total/NA	Solid	6010D	630468

Metals (Continued)

Analysis Batch: 630781 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
240-212801-24	SB-34-0	Total/NA	Solid	6010D	630499
240-212801-30	SB-33-0	Total/NA	Solid	6010D	630499
240-212801-33	DUP-11-20241009	Total/NA	Solid	6010D	630499
240-212801-34	SB-32-0	Total/NA	Solid	6010D	630499
240-212801-37	SB-31-0	Total/NA	Solid	6010D	630499
240-212801-38	DUP-12-20241009	Total/NA	Solid	6010D	630499
240-212801-48	SB-35-0	Total/NA	Solid	6010D	630517
240-212801-55	EB-2-20241010	Total Recoverable	Water	6010D	630461
240-212801-56	RB-2-20241010	Total Recoverable	Water	6010D	630461
MB 240-630461/1-A	Method Blank	Total Recoverable	Water	6010D	630461
LCS 240-630461/2-A	Lab Control Sample	Total Recoverable	Water	6010D	630461
240-212801-14 MS	SB-27-0	Total/NA	Solid	6010D	630468
240-212801-14 MSD	SB-27-0	Total/NA	Solid	6010D	630468
240-212801-30 MS	SB-33-0	Total/NA	Solid	6010D	630499
240-212801-30 MSD	SB-33-0	Total/NA	Solid	6010D	630499

General Chemistry

Analysis Batch: 630416

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
240-212801-55	EB-2-20241010	Dissolved	Water	7196A	
240-212801-55	EB-2-20241010	Total/NA	Water	7196A	
240-212801-56	RB-2-20241010	Dissolved	Water	7196A	
240-212801-56	RB-2-20241010	Total/NA	Water	7196A	
MB 240-630416/3	Method Blank	Total/NA	Water	7196A	
MB 240-630416/37	Method Blank	Total/NA	Water	7196A	
LCS 240-630416/38	Lab Control Sample	Total/NA	Water	7196A	
LCS 240-630416/4	Lab Control Sample	Total/NA	Water	7196A	
240-212801-55 MS	EB-2-20241010	Total/NA	Water	7196A	
240-212801-55 MSD	EB-2-20241010	Total/NA	Water	7196A	

Analysis Batch: 630479

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
240-212801-1	SB-23-0	Total/NA	Solid	Moisture	
240-212801-2	SB-23-0.5	Total/NA	Solid	Moisture	
240-212801-3	SB-23-2.0	Total/NA	Solid	Moisture	
240-212801-4	DUP-9-2024 1008	Total/NA	Solid	Moisture	
240-212801-5	SB-24-0	Total/NA	Solid	Moisture	
240-212801-6	SB-24-0.5	Total/NA	Solid	Moisture	
240-212801-7	SB-24-2.0	Total/NA	Solid	Moisture	
240-212801-8	SB-25-0	Total/NA	Solid	Moisture	
240-212801-9	SB-25-0.5	Total/NA	Solid	Moisture	
240-212801-10	SB-25-2.0	Total/NA	Solid	Moisture	
240-212801-11	SB-26-2.0	Total/NA	Solid	Moisture	
240-212801-12	SB-26-0	Total/NA	Solid	Moisture	
240-212801-13	SB-26-0.5	Total/NA	Solid	Moisture	
240-212801-14	SB-27-0	Total/NA	Solid	Moisture	
240-212801-15	SB-27-0.5	Total/NA	Solid	Moisture	
240-212801-16	SB-27-2.0	Total/NA	Solid	Moisture	
240-212801-17	SB-28-0	Total/NA	Solid	Moisture	
240-212801-18	DUP-10-20241008	Total/NA	Solid	Moisture	

General Chemistry (Continued)

Analysis Batch: 630479 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
240-212801-19	SB-28-0.5	Total/NA	Solid	Moisture	
240-212801-20	SB-28-2.0	Total/NA	Solid	Moisture	
240-212801-21	SB-29-0	Total/NA	Solid	Moisture	
240-212801-22	SB-29-0.5	Total/NA	Solid	Moisture	
240-212801-23	SB-29-2.0	Total/NA	Solid	Moisture	
240-212801-24	SB-34-0	Total/NA	Solid	Moisture	
240-212801-25	SB-34-0.5	Total/NA	Solid	Moisture	
240-212801-26	SB-34-2.0	Total/NA	Solid	Moisture	
240-212801-30	SB-33-0	Total/NA	Solid	Moisture	
240-212801-31	SB-33-0.5	Total/NA	Solid	Moisture	
240-212801-32	SB-33-2.0	Total/NA	Solid	Moisture	
240-212801-33	DUP-11-20241009	Total/NA	Solid	Moisture	
240-212801-34	SB-32-0	Total/NA	Solid	Moisture	
240-212801-35	SB-32-0.5	Total/NA	Solid	Moisture	
240-212801-36	SB-32-2.0	Total/NA	Solid	Moisture	
240-212801-37	SB-31-0	Total/NA	Solid	Moisture	
240-212801-38	DUP-12-20241009	Total/NA	Solid	Moisture	
240-212801-39	SB-31-0.5	Total/NA	Solid	Moisture	
240-212801-40	SB-31-2.0	Total/NA	Solid	Moisture	
240-212801-41	SB-30-0	Total/NA	Solid	Moisture	
240-212801-42	SB-30-0.5	Total/NA	Solid	Moisture	
240-212801-43	DUP-13-20241009	Total/NA	Solid	Moisture	
240-212801-44	SB-30-2.0	Total/NA	Solid	Moisture	
240-212801-45	SB-36-0	Total/NA	Solid	Moisture	
240-212801-46	SB-36-0.5	Total/NA	Solid	Moisture	
240-212801-47	SB-36-2.0	Total/NA	Solid	Moisture	
240-212801-48	SB-35-0	Total/NA	Solid	Moisture	
240-212801-49	SB-35-0.5	Total/NA	Solid	Moisture	
240-212801-50	SB-35-2.0	Total/NA	Solid	Moisture	
240-212801-1 DU	SB-23-0	Total/NA	Solid	Moisture	
240-212801-14 DU	SB-27-0	Total/NA	Solid	Moisture	
240-212801-19 DU	SB-28-0.5	Total/NA	Solid	Moisture	
240-212801-30 DU	SB-33-0	Total/NA	Solid	Moisture	
240-212801-41 DU	SB-30-0	Total/NA	Solid	Moisture	
240-212801-49 DU	SB-35-0.5	Total/NA	Solid	Moisture	

Prep Batch: 630677

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
240-212801-1	SB-23-0	Total/NA	Solid	9012B	
240-212801-2	SB-23-0.5	Total/NA	Solid	9012B	
240-212801-3	SB-23-2.0	Total/NA	Solid	9012B	
240-212801-4	DUP-9-2024 1008	Total/NA	Solid	9012B	
240-212801-5	SB-24-0	Total/NA	Solid	9012B	
240-212801-6	SB-24-0.5	Total/NA	Solid	9012B	
240-212801-7	SB-24-2.0	Total/NA	Solid	9012B	
240-212801-8	SB-25-0	Total/NA	Solid	9012B	
240-212801-9	SB-25-0.5	Total/NA	Solid	9012B	
MB 240-630677/1-A	Method Blank	Total/NA	Solid	9012B	
LCS 240-630677/2-A	Lab Control Sample	Total/NA	Solid	9012B	

General Chemistry

Prep Batch: 630709

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
240-212801-10	SB-25-2.0	Total/NA	Solid	9012B	
240-212801-11	SB-26-2.0	Total/NA	Solid	9012B	
240-212801-12	SB-26-0	Total/NA	Solid	9012B	
240-212801-13	SB-26-0.5	Total/NA	Solid	9012B	
240-212801-14	SB-27-0	Total/NA	Solid	9012B	
240-212801-15	SB-27-0.5	Total/NA	Solid	9012B	
240-212801-16	SB-27-2.0	Total/NA	Solid	9012B	
240-212801-17	SB-28-0	Total/NA	Solid	9012B	
240-212801-18	DUP-10-20241008	Total/NA	Solid	9012B	
240-212801-19	SB-28-0.5	Total/NA	Solid	9012B	
240-212801-20	SB-28-2.0	Total/NA	Solid	9012B	
MB 240-630709/1-A	Method Blank	Total/NA	Solid	9012B	
LCS 240-630709/2-A	Lab Control Sample	Total/NA	Solid	9012B	
240-212801-14 MS	SB-27-0	Total/NA	Solid	9012B	
240-212801-14 MSD	SB-27-0	Total/NA	Solid	9012B	
240-212801-20 MS	SB-28-2.0	Total/NA	Solid	9012B	
240-212801-20 MSD	SB-28-2.0	Total/NA	Solid	9012B	

Analysis Batch: 630755

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
240-212801-1	SB-23-0	Total/NA	Solid	9012B	630677
240-212801-2	SB-23-0.5	Total/NA	Solid	9012B	630677
240-212801-3	SB-23-2.0	Total/NA	Solid	9012B	630677
240-212801-4	DUP-9-2024 1008	Total/NA	Solid	9012B	630677
240-212801-5	SB-24-0	Total/NA	Solid	9012B	630677
240-212801-6	SB-24-0.5	Total/NA	Solid	9012B	630677
240-212801-7	SB-24-2.0	Total/NA	Solid	9012B	630677
240-212801-8	SB-25-0	Total/NA	Solid	9012B	630677
240-212801-9	SB-25-0.5	Total/NA	Solid	9012B	630677
MB 240-630677/1-A	Method Blank	Total/NA	Solid	9012B	630677
LCS 240-630677/2-A	Lab Control Sample	Total/NA	Solid	9012B	630677

Analysis Batch: 630786

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
240-212801-10	SB-25-2.0	Total/NA	Solid	9012B	630709
240-212801-11	SB-26-2.0	Total/NA	Solid	9012B	630709
240-212801-12	SB-26-0	Total/NA	Solid	9012B	630709
240-212801-13	SB-26-0.5	Total/NA	Solid	9012B	630709
240-212801-14	SB-27-0	Total/NA	Solid	9012B	630709
240-212801-15	SB-27-0.5	Total/NA	Solid	9012B	630709
240-212801-16	SB-27-2.0	Total/NA	Solid	9012B	630709
240-212801-17	SB-28-0	Total/NA	Solid	9012B	630709
240-212801-18	DUP-10-20241008	Total/NA	Solid	9012B	630709
240-212801-19	SB-28-0.5	Total/NA	Solid	9012B	630709
240-212801-20	SB-28-2.0	Total/NA	Solid	9012B	630709
MB 240-630709/1-A	Method Blank	Total/NA	Solid	9012B	630709
LCS 240-630709/2-A	Lab Control Sample	Total/NA	Solid	9012B	630709
240-212801-14 MS	SB-27-0	Total/NA	Solid	9012B	630709
240-212801-14 MSD	SB-27-0	Total/NA	Solid	9012B	630709
240-212801-20 MS	SB-28-2.0	Total/NA	Solid	9012B	630709
240-212801-20 MSD	SB-28-2.0	Total/NA	Solid	9012B	630709

General Chemistry

Prep Batch: 630926

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
240-212801-21	SB-29-0	Total/NA	Solid	9012B	
240-212801-22	SB-29-0.5	Total/NA	Solid	9012B	
240-212801-23	SB-29-2.0	Total/NA	Solid	9012B	
240-212801-24	SB-34-0	Total/NA	Solid	9012B	
240-212801-25	SB-34-0.5	Total/NA	Solid	9012B	
240-212801-26	SB-34-2.0	Total/NA	Solid	9012B	
240-212801-30	SB-33-0	Total/NA	Solid	9012B	
240-212801-31	SB-33-0.5	Total/NA	Solid	9012B	
240-212801-32	SB-33-2.0	Total/NA	Solid	9012B	
240-212801-33	DUP-11-20241009	Total/NA	Solid	9012B	
240-212801-34	SB-32-0	Total/NA	Solid	9012B	
240-212801-35	SB-32-0.5	Total/NA	Solid	9012B	
240-212801-36	SB-32-2.0	Total/NA	Solid	9012B	
240-212801-37	SB-31-0	Total/NA	Solid	9012B	
240-212801-38	DUP-12-20241009	Total/NA	Solid	9012B	
MB 240-630926/1-A	Method Blank	Total/NA	Solid	9012B	
LCS 240-630926/2-A	Lab Control Sample	Total/NA	Solid	9012B	
240-212801-30 MS	SB-33-0	Total/NA	Solid	9012B	
240-212801-30 MSD	SB-33-0	Total/NA	Solid	9012B	

Prep Batch: 630939

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
240-212801-39	SB-31-0.5	Total/NA	Solid	9012B	
240-212801-40	SB-31-2.0	Total/NA	Solid	9012B	
240-212801-41	SB-30-0	Total/NA	Solid	9012B	
240-212801-42	SB-30-0.5	Total/NA	Solid	9012B	
240-212801-43	DUP-13-20241009	Total/NA	Solid	9012B	
240-212801-44	SB-30-2.0	Total/NA	Solid	9012B	
240-212801-45	SB-36-0	Total/NA	Solid	9012B	
240-212801-46	SB-36-0.5	Total/NA	Solid	9012B	
240-212801-47	SB-36-2.0	Total/NA	Solid	9012B	
240-212801-48	SB-35-0	Total/NA	Solid	9012B	
240-212801-49	SB-35-0.5	Total/NA	Solid	9012B	
240-212801-50	SB-35-2.0	Total/NA	Solid	9012B	
MB 240-630939/1-A	Method Blank	Total/NA	Solid	9012B	
LCS 240-630939/2-A	Lab Control Sample	Total/NA	Solid	9012B	
240-212801-39 MS	SB-31-0.5	Total/NA	Solid	9012B	
240-212801-39 MSD	SB-31-0.5	Total/NA	Solid	9012B	
240-212801-41 MS	SB-30-0	Total/NA	Solid	9012B	
240-212801-41 MSD	SB-30-0	Total/NA	Solid	9012B	

Analysis Batch: 630965

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
240-212801-21	SB-29-0	Total/NA	Solid	9012B	630926
240-212801-22	SB-29-0.5	Total/NA	Solid	9012B	630926
240-212801-23	SB-29-2.0	Total/NA	Solid	9012B	630926
240-212801-24	SB-34-0	Total/NA	Solid	9012B	630926
240-212801-25	SB-34-0.5	Total/NA	Solid	9012B	630926
240-212801-26	SB-34-2.0	Total/NA	Solid	9012B	630926
240-212801-30	SB-33-0	Total/NA	Solid	9012B	630926
240-212801-31	SB-33-0.5	Total/NA	Solid	9012B	630926

General Chemistry (Continued)

Analysis Batch: 630965 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
240-212801-32	SB-33-2.0	Total/NA	Solid	9012B	630926
240-212801-33	DUP-11-20241009	Total/NA	Solid	9012B	630926
240-212801-34	SB-32-0	Total/NA	Solid	9012B	630926
240-212801-35	SB-32-0.5	Total/NA	Solid	9012B	630926
240-212801-36	SB-32-2.0	Total/NA	Solid	9012B	630926
240-212801-37	SB-31-0	Total/NA	Solid	9012B	630926
240-212801-38	DUP-12-20241009	Total/NA	Solid	9012B	630926
MB 240-630926/1-A	Method Blank	Total/NA	Solid	9012B	630926
LCS 240-630926/2-A	Lab Control Sample	Total/NA	Solid	9012B	630926
MRL 240-630965/10	Lab Control Sample	Total/NA	Solid	9012B	
240-212801-30 MS	SB-33-0	Total/NA	Solid	9012B	630926
240-212801-30 MSD	SB-33-0	Total/NA	Solid	9012B	630926

Analysis Batch: 631084

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
240-212801-39	SB-31-0.5	Total/NA	Solid	9012B	630939
240-212801-40	SB-31-2.0	Total/NA	Solid	9012B	630939
240-212801-41	SB-30-0	Total/NA	Solid	9012B	630939
240-212801-42	SB-30-0.5	Total/NA	Solid	9012B	630939
240-212801-43	DUP-13-20241009	Total/NA	Solid	9012B	630939
240-212801-44	SB-30-2.0	Total/NA	Solid	9012B	630939
240-212801-45	SB-36-0	Total/NA	Solid	9012B	630939
240-212801-46	SB-36-0.5	Total/NA	Solid	9012B	630939
240-212801-47	SB-36-2.0	Total/NA	Solid	9012B	630939
240-212801-48	SB-35-0	Total/NA	Solid	9012B	630939
240-212801-49	SB-35-0.5	Total/NA	Solid	9012B	630939
240-212801-50	SB-35-2.0	Total/NA	Solid	9012B	630939
MB 240-630939/1-A	Method Blank	Total/NA	Solid	9012B	630939
LCS 240-630939/2-A	Lab Control Sample	Total/NA	Solid	9012B	630939
240-212801-39 MS	SB-31-0.5	Total/NA	Solid	9012B	630939
240-212801-39 MSD	SB-31-0.5	Total/NA	Solid	9012B	630939
240-212801-41 MS	SB-30-0	Total/NA	Solid	9012B	630939
240-212801-41 MSD	SB-30-0	Total/NA	Solid	9012B	630939

Prep Batch: 631135

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
240-212801-55	EB-2-20241010	Total/NA	Water	9012B	
240-212801-56	RB-2-20241010	Total/NA	Water	9012B	
MB 240-631135/1-A	Method Blank	Total/NA	Water	9012B	
LCS 240-631135/2-A	Lab Control Sample	Total/NA	Water	9012B	

Analysis Batch: 631156

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
240-212801-55	EB-2-20241010	Total/NA	Water	9012B	631135
240-212801-56	RB-2-20241010	Total/NA	Water	9012B	631135
MB 240-631135/1-A	Method Blank	Total/NA	Water	9012B	631135
LCS 240-631135/2-A	Lab Control Sample	Total/NA	Water	9012B	631135

Lab Chronicle

Client: August Mack Environmental, Inc.
Project/Site: MSC Canfield

Job ID: 240-212801-1

Client Sample ID: SB-23-0
Date Collected: 10/08/24 09:45
Date Received: 10/10/24 15:15

Lab Sample ID: 240-212801-1
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	Moisture		1	630479	GZF4	EET CLE	10/11/24 11:51

Client Sample ID: SB-23-0
Date Collected: 10/08/24 09:45
Date Received: 10/10/24 15:15

Lab Sample ID: 240-212801-1
Matrix: Solid
Percent Solids: 58.6

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	3546			630409	BV1	EET CLE	10/11/24 08:58
Total/NA	Analysis	8270E		1	630600	LKG	EET CLE	10/14/24 09:59
Total/NA	Prep	3050B			630468	DEE	EET CLE	10/11/24 15:00
Total/NA	Analysis	6010D		1	630591	KLC	EET CLE	10/12/24 17:44
Total/NA	Prep	3050B			630468	DEE	EET CLE	10/11/24 15:00
Total/NA	Analysis	6010D		10	630781	RKT	EET CLE	10/14/24 23:59
Total/NA	Prep	7471B			630474	DEE	EET CLE	10/11/24 15:00
Total/NA	Analysis	7471B		1	630737	TQ6W	EET CLE	10/14/24 11:57
Total/NA	Prep	9012B			630677	C5SV	EET CLE	10/14/24 10:17
Total/NA	Analysis	9012B		50	630755	C5SV	EET CLE	10/14/24 14:35

Client Sample ID: SB-23-0.5
Date Collected: 10/08/24 09:55
Date Received: 10/10/24 15:15

Lab Sample ID: 240-212801-2
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	Moisture		1	630479	GZF4	EET CLE	10/11/24 11:51

Client Sample ID: SB-23-0.5
Date Collected: 10/08/24 09:55
Date Received: 10/10/24 15:15

Lab Sample ID: 240-212801-2
Matrix: Solid
Percent Solids: 70.2

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	3546			630409	BV1	EET CLE	10/11/24 08:58
Total/NA	Analysis	8270E		1	630600	LKG	EET CLE	10/14/24 10:23
Total/NA	Prep	3050B			630468	DEE	EET CLE	10/11/24 15:00
Total/NA	Analysis	6010D		1	630591	KLC	EET CLE	10/12/24 17:57
Total/NA	Prep	7471B			630474	DEE	EET CLE	10/11/24 15:00
Total/NA	Analysis	7471B		1	630737	TQ6W	EET CLE	10/14/24 11:59
Total/NA	Prep	9012B			630677	C5SV	EET CLE	10/14/24 10:17
Total/NA	Analysis	9012B		50	630755	C5SV	EET CLE	10/14/24 14:40

Client Sample ID: SB-23-2.0
Date Collected: 10/08/24 10:10
Date Received: 10/10/24 15:15

Lab Sample ID: 240-212801-3
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	Moisture		1	630479	GZF4	EET CLE	10/11/24 11:51

Client Sample ID: SB-23-2.0
Lab Sample ID: 240-212801-3

Date Collected: 10/08/24 10:10
Matrix: Solid
Date Received: 10/10/24 15:15
Percent Solids: 81.1

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	3546			630409	BV1	EET CLE	10/11/24 08:58
Total/NA	Analysis	8270E		1	630367	JMG	EET CLE	10/11/24 13:11
Total/NA	Prep	3050B			630468	DEE	EET CLE	10/11/24 15:00
Total/NA	Analysis	6010D		1	630591	KLC	EET CLE	10/12/24 18:02
Total/NA	Prep	7471B			630474	DEE	EET CLE	10/11/24 15:00
Total/NA	Analysis	7471B		1	630737	TQ6W	EET CLE	10/14/24 12:00
Total/NA	Prep	9012B			630677	C5SV	EET CLE	10/14/24 10:17
Total/NA	Analysis	9012B		25	630755	C5SV	EET CLE	10/14/24 14:44

Client Sample ID: DUP-9-2024 1008
Lab Sample ID: 240-212801-4

Date Collected: 10/08/24 00:00
Matrix: Solid
Date Received: 10/10/24 15:15

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	Moisture		1	630479	GZF4	EET CLE	10/11/24 11:51

Client Sample ID: DUP-9-2024 1008
Lab Sample ID: 240-212801-4

Date Collected: 10/08/24 00:00
Matrix: Solid
Date Received: 10/10/24 15:15
Percent Solids: 64.1

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	3546			630409	BV1	EET CLE	10/11/24 08:58
Total/NA	Analysis	8270E		1	630600	LKG	EET CLE	10/14/24 10:47
Total/NA	Prep	3050B			630468	DEE	EET CLE	10/11/24 15:00
Total/NA	Analysis	6010D		1	630591	KLC	EET CLE	10/12/24 18:06
Total/NA	Prep	3050B			630468	DEE	EET CLE	10/11/24 15:00
Total/NA	Analysis	6010D		10	630781	RKT	EET CLE	10/15/24 00:03
Total/NA	Prep	7471B			630474	DEE	EET CLE	10/11/24 15:00
Total/NA	Analysis	7471B		1	630737	TQ6W	EET CLE	10/14/24 12:02
Total/NA	Prep	9012B			630677	C5SV	EET CLE	10/14/24 10:17
Total/NA	Analysis	9012B		50	630755	C5SV	EET CLE	10/14/24 15:03

Client Sample ID: SB-24-0
Lab Sample ID: 240-212801-5

Date Collected: 10/08/24 10:25
Matrix: Solid
Date Received: 10/10/24 15:15

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	Moisture		1	630479	GZF4	EET CLE	10/11/24 11:51

Client Sample ID: SB-24-0
Lab Sample ID: 240-212801-5

Date Collected: 10/08/24 10:25
Matrix: Solid
Date Received: 10/10/24 15:15
Percent Solids: 62.0

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	3546			630409	BV1	EET CLE	10/11/24 08:58
Total/NA	Analysis	8270E		1	630600	LKG	EET CLE	10/14/24 11:11

Client Sample ID: SB-24-0 — **Lab Sample ID: 240-212801-5**
Date Collected: 10/08/24 10:25 — **Matrix: Solid**
Date Received: 10/10/24 15:15 — **Percent Solids: 62.0**

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	3050B			630468	DEE	EET CLE	10/11/24 15:00
Total/NA	Analysis	6010D		1	630591	KLC	EET CLE	10/12/24 18:11
Total/NA	Prep	3050B			630468	DEE	EET CLE	10/11/24 15:00
Total/NA	Analysis	6010D		50	630781	RKT	EET CLE	10/15/24 00:08
Total/NA	Prep	7471B			630474	DEE	EET CLE	10/11/24 15:00
Total/NA	Analysis	7471B		1	630737	TQ6W	EET CLE	10/14/24 12:04
Total/NA	Prep	9012B			630677	C5SV	EET CLE	10/14/24 10:17
Total/NA	Analysis	9012B		50	630755	C5SV	EET CLE	10/14/24 15:08

Client Sample ID: SB-24-0.5 — **Lab Sample ID: 240-212801-6**
Date Collected: 10/08/24 10:35 — **Matrix: Solid**
Date Received: 10/10/24 15:15

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	Moisture		1	630479	GZF4	EET CLE	10/11/24 11:51

Client Sample ID: SB-24-0.5 — **Lab Sample ID: 240-212801-6**
Date Collected: 10/08/24 10:35 — **Matrix: Solid**
Date Received: 10/10/24 15:15 — **Percent Solids: 68.6**

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	3546			630409	BV1	EET CLE	10/11/24 08:58
Total/NA	Analysis	8270E		1	630600	LKG	EET CLE	10/14/24 11:35
Total/NA	Prep	3050B			630468	DEE	EET CLE	10/11/24 15:00
Total/NA	Analysis	6010D		1	630591	KLC	EET CLE	10/12/24 18:15
Total/NA	Prep	7471B			630474	DEE	EET CLE	10/11/24 15:00
Total/NA	Analysis	7471B		1	630737	TQ6W	EET CLE	10/14/24 12:05
Total/NA	Prep	9012B			630677	C5SV	EET CLE	10/14/24 10:17
Total/NA	Analysis	9012B		25	630755	C5SV	EET CLE	10/14/24 15:12

Client Sample ID: SB-24-2.0 — **Lab Sample ID: 240-212801-7**
Date Collected: 10/08/24 10:45 — **Matrix: Solid**
Date Received: 10/10/24 15:15

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	Moisture		1	630479	GZF4	EET CLE	10/11/24 11:51

Client Sample ID: SB-24-2.0 — **Lab Sample ID: 240-212801-7**
Date Collected: 10/08/24 10:45 — **Matrix: Solid**
Date Received: 10/10/24 15:15 — **Percent Solids: 79.0**

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	3546			630409	BV1	EET CLE	10/11/24 08:58
Total/NA	Analysis	8270E		1	630367	JMG	EET CLE	10/11/24 13:35
Total/NA	Prep	3050B			630468	DEE	EET CLE	10/11/24 15:00
Total/NA	Analysis	6010D		1	630591	KLC	EET CLE	10/12/24 18:20

Client Sample ID: SB-24-2.0
Lab Sample ID: 240-212801-7

Date Collected: 10/08/24 10:45
Matrix: Solid
Date Received: 10/10/24 15:15
Percent Solids: 79.0

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	7471B			630474	DEE	EET CLE	10/11/24 15:00
Total/NA	Analysis	7471B		1	630737	TQ6W	EET CLE	10/14/24 12:07
Total/NA	Prep	9012B			630677	C5SV	EET CLE	10/14/24 10:17
Total/NA	Analysis	9012B		25	630755	C5SV	EET CLE	10/14/24 15:16

Client Sample ID: SB-25-0
Lab Sample ID: 240-212801-8

Date Collected: 10/08/24 11:35
Matrix: Solid
Date Received: 10/10/24 15:15

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	Moisture		1	630479	GZF4	EET CLE	10/11/24 11:51

Client Sample ID: SB-25-0
Lab Sample ID: 240-212801-8

Date Collected: 10/08/24 11:35
Matrix: Solid
Date Received: 10/10/24 15:15
Percent Solids: 34.0

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	3546			630409	BV1	EET CLE	10/11/24 08:58
Total/NA	Analysis	8270E		1	630600	LKG	EET CLE	10/14/24 11:59
Total/NA	Prep	3050B			630468	DEE	EET CLE	10/11/24 15:00
Total/NA	Analysis	6010D		1	630591	KLC	EET CLE	10/12/24 18:24
Total/NA	Prep	3050B			630468	DEE	EET CLE	10/11/24 15:00
Total/NA	Analysis	6010D		10	630781	RKT	EET CLE	10/15/24 00:12
Total/NA	Prep	7471B			630474	DEE	EET CLE	10/11/24 15:00
Total/NA	Analysis	7471B		1	630737	TQ6W	EET CLE	10/14/24 12:09
Total/NA	Prep	9012B			630677	C5SV	EET CLE	10/14/24 10:17
Total/NA	Analysis	9012B		50	630755	C5SV	EET CLE	10/14/24 15:21

Client Sample ID: SB-25-0.5
Lab Sample ID: 240-212801-9

Date Collected: 10/08/24 11:45
Matrix: Solid
Date Received: 10/10/24 15:15

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	Moisture		1	630479	GZF4	EET CLE	10/11/24 11:51

Client Sample ID: SB-25-0.5
Lab Sample ID: 240-212801-9

Date Collected: 10/08/24 11:45
Matrix: Solid
Date Received: 10/10/24 15:15
Percent Solids: 51.2

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	3546			630409	BV1	EET CLE	10/11/24 08:58
Total/NA	Analysis	8270E		1	630367	JMG	EET CLE	10/11/24 13:59
Total/NA	Prep	3050B			630468	DEE	EET CLE	10/11/24 15:00
Total/NA	Analysis	6010D		1	630591	KLC	EET CLE	10/12/24 18:28
Total/NA	Prep	7471B			630474	DEE	EET CLE	10/11/24 15:00
Total/NA	Analysis	7471B		1	630737	TQ6W	EET CLE	10/14/24 12:11

Lab Chronicle

Client: August Mack Environmental, Inc.
Project/Site: MSC Canfield

Job ID: 240-212801-1

Client Sample ID: SB-25-0.5

Lab Sample ID: 240-212801-9

Date Collected: 10/08/24 11:45
Matrix: Solid
Date Received: 10/10/24 15:15
Percent Solids: 51.2

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	9012B			630677	C5SV	EET CLE	10/14/24 10:17
Total/NA	Analysis	9012B		25	630755	C5SV	EET CLE	10/14/24 15:36

Client Sample ID: SB-25-2.0

Lab Sample ID: 240-212801-10

Date Collected: 10/08/24 12:00
Matrix: Solid
Date Received: 10/10/24 15:15

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	Moisture		1	630479	GZF4	EET CLE	10/11/24 11:51

Client Sample ID: SB-25-2.0

Lab Sample ID: 240-212801-10

Date Collected: 10/08/24 12:00
Matrix: Solid
Date Received: 10/10/24 15:15
Percent Solids: 78.4

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	3546			630409	BV1	EET CLE	10/11/24 08:58
Total/NA	Analysis	8270E		1	630367	JMG	EET CLE	10/11/24 14:23
Total/NA	Prep	3050B			630468	DEE	EET CLE	10/11/24 15:00
Total/NA	Analysis	6010D		1	630591	KLC	EET CLE	10/12/24 18:33
Total/NA	Prep	7471B			630474	DEE	EET CLE	10/11/24 15:00
Total/NA	Analysis	7471B		1	630737	TQ6W	EET CLE	10/14/24 12:12
Total/NA	Prep	9012B			630709	C5SV	EET CLE	10/14/24 11:27
Total/NA	Analysis	9012B		10	630786	C5SV	EET CLE	10/14/24 16:34

Client Sample ID: SB-26-2.0

Lab Sample ID: 240-212801-11

Date Collected: 10/08/24 12:30
Matrix: Solid
Date Received: 10/10/24 15:15

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	Moisture		1	630479	GZF4	EET CLE	10/11/24 11:51

Client Sample ID: SB-26-2.0

Lab Sample ID: 240-212801-11

Date Collected: 10/08/24 12:30
Matrix: Solid
Date Received: 10/10/24 15:15
Percent Solids: 80.3

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	3546			630409	BV1	EET CLE	10/11/24 08:58
Total/NA	Analysis	8270E		1	630367	JMG	EET CLE	10/11/24 14:47
Total/NA	Prep	3050B			630468	DEE	EET CLE	10/11/24 15:00
Total/NA	Analysis	6010D		1	630591	KLC	EET CLE	10/12/24 18:37
Total/NA	Prep	7471B			630474	DEE	EET CLE	10/11/24 15:00
Total/NA	Analysis	7471B		1	630737	TQ6W	EET CLE	10/14/24 12:17
Total/NA	Prep	9012B			630709	C5SV	EET CLE	10/14/24 11:27
Total/NA	Analysis	9012B		10	630786	C5SV	EET CLE	10/14/24 16:39

Client Sample ID: SB-26-0 — **Lab Sample ID: 240-212801-12**
Date Collected: 10/08/24 12:05 — **Matrix: Solid**
Date Received: 10/10/24 15:15

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	Moisture		1	630479	GZF4	EET CLE	10/11/24 11:51

Client Sample ID: SB-26-0 — **Lab Sample ID: 240-212801-12**
Date Collected: 10/08/24 12:05 — **Matrix: Solid**
Date Received: 10/10/24 15:15 — **Percent Solids: 40.3**

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	3546			630409	BV1	EET CLE	10/11/24 08:58
Total/NA	Analysis	8270E		1	630600	LKG	EET CLE	10/14/24 12:22
Total/NA	Prep	3050B			630468	DEE	EET CLE	10/11/24 15:00
Total/NA	Analysis	6010D		1	630591	KLC	EET CLE	10/12/24 18:50
Total/NA	Prep	7471B			630474	DEE	EET CLE	10/11/24 15:00
Total/NA	Analysis	7471B		1	630737	TQ6W	EET CLE	10/14/24 12:19
Total/NA	Prep	9012B			630709	C5SV	EET CLE	10/14/24 11:27
Total/NA	Analysis	9012B		50	630786	C5SV	EET CLE	10/14/24 18:42

Client Sample ID: SB-26-0.5 — **Lab Sample ID: 240-212801-13**
Date Collected: 10/08/24 12:15 — **Matrix: Solid**
Date Received: 10/10/24 15:15

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	Moisture		1	630479	GZF4	EET CLE	10/11/24 11:51

Client Sample ID: SB-26-0.5 — **Lab Sample ID: 240-212801-13**
Date Collected: 10/08/24 12:15 — **Matrix: Solid**
Date Received: 10/10/24 15:15 — **Percent Solids: 67.6**

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	3546			630409	BV1	EET CLE	10/11/24 08:58
Total/NA	Analysis	8270E		1	630367	JMG	EET CLE	10/11/24 15:11
Total/NA	Prep	3050B			630468	DEE	EET CLE	10/11/24 15:00
Total/NA	Analysis	6010D		1	630591	KLC	EET CLE	10/12/24 18:54
Total/NA	Prep	7471B			630474	DEE	EET CLE	10/11/24 15:00
Total/NA	Analysis	7471B		1	630737	TQ6W	EET CLE	10/14/24 12:21
Total/NA	Prep	9012B			630709	C5SV	EET CLE	10/14/24 11:27
Total/NA	Analysis	9012B		10	630786	C5SV	EET CLE	10/14/24 16:48

Client Sample ID: SB-27-0 — **Lab Sample ID: 240-212801-14**
Date Collected: 10/08/24 12:50 — **Matrix: Solid**
Date Received: 10/10/24 15:15

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	Moisture		1	630479	GZF4	EET CLE	10/11/24 11:51

Client Sample ID: SB-27-0

Lab Sample ID: 240-212801-14

Date Collected: 10/08/24 12:50
Matrix: Solid
Date Received: 10/10/24 15:15
Percent Solids: 62.3

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	3546			630409	BV1	EET CLE	10/11/24 08:58
Total/NA	Analysis	8270E		1	630600	LKG	EET CLE	10/14/24 12:46
Total/NA	Prep	3050B			630468	DEE	EET CLE	10/11/24 15:00
Total/NA	Analysis	6010D		1	630591	KLC	EET CLE	10/12/24 17:23
Total/NA	Prep	3050B			630468	DEE	EET CLE	10/11/24 15:00
Total/NA	Analysis	6010D		10	630781	RKT	EET CLE	10/14/24 23:33
Total/NA	Prep	7471B			630474	DEE	EET CLE	10/11/24 15:00
Total/NA	Analysis	7471B		1	630737	TQ6W	EET CLE	10/14/24 11:48
Total/NA	Prep	9012B			630709	C5SV	EET CLE	10/14/24 11:27
Total/NA	Analysis	9012B		50	630786	C5SV	EET CLE	10/14/24 16:21

Client Sample ID: SB-27-0.5

Lab Sample ID: 240-212801-15

Date Collected: 10/08/24 13:05
Matrix: Solid
Date Received: 10/10/24 15:15

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	Moisture		1	630479	GZF4	EET CLE	10/11/24 11:51

Client Sample ID: SB-27-0.5

Lab Sample ID: 240-212801-15

Date Collected: 10/08/24 13:05
Matrix: Solid
Date Received: 10/10/24 15:15
Percent Solids: 64.2

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	3546			630816	BV1	EET CLE	10/15/24 08:33
Total/NA	Analysis	8270E		2	630967	LKG	EET CLE	10/16/24 08:58
Total/NA	Prep	3050B			630468	DEE	EET CLE	10/11/24 15:00
Total/NA	Analysis	6010D		1	630591	KLC	EET CLE	10/12/24 18:58
Total/NA	Prep	7471B			630474	DEE	EET CLE	10/11/24 15:00
Total/NA	Analysis	7471B		1	630737	TQ6W	EET CLE	10/14/24 12:23
Total/NA	Prep	9012B			630709	C5SV	EET CLE	10/14/24 11:27
Total/NA	Analysis	9012B		10	630786	C5SV	EET CLE	10/14/24 16:52

Client Sample ID: SB-27-2.0

Lab Sample ID: 240-212801-16

Date Collected: 10/08/24 13:15
Matrix: Solid
Date Received: 10/10/24 15:15

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	Moisture		1	630479	GZF4	EET CLE	10/11/24 11:51

Client Sample ID: SB-27-2.0

Lab Sample ID: 240-212801-16

Date Collected: 10/08/24 13:15
Matrix: Solid
Date Received: 10/10/24 15:15
Percent Solids: 77.1

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	3546			630409	BV1	EET CLE	10/11/24 08:58
Total/NA	Analysis	8270E		1	630367	JMG	EET CLE	10/11/24 15:35

Client Sample ID: SB-27-2.0
Lab Sample ID: 240-212801-16

Date Collected: 10/08/24 13:15
Matrix: Solid
Date Received: 10/10/24 15:15
Percent Solids: 77.1

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	3050B			630468	DEE	EET CLE	10/11/24 15:00
Total/NA	Analysis	6010D		1	630591	KLC	EET CLE	10/12/24 19:03
Total/NA	Prep	7471B			630474	DEE	EET CLE	10/11/24 15:00
Total/NA	Analysis	7471B		1	630737	TQ6W	EET CLE	10/14/24 12:24
Total/NA	Prep	9012B			630709	C5SV	EET CLE	10/14/24 11:27
Total/NA	Analysis	9012B		10	630786	C5SV	EET CLE	10/14/24 17:00

Client Sample ID: SB-28-0
Lab Sample ID: 240-212801-17

Date Collected: 10/08/24 14:05
Matrix: Solid
Date Received: 10/10/24 15:15

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	Moisture		1	630479	GZF4	EET CLE	10/11/24 11:51

Client Sample ID: SB-28-0
Lab Sample ID: 240-212801-17

Date Collected: 10/08/24 14:05
Matrix: Solid
Date Received: 10/10/24 15:15
Percent Solids: 37.4

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	3546			630409	BV1	EET CLE	10/11/24 08:58
Total/NA	Analysis	8270E		1	630367	JMG	EET CLE	10/11/24 18:47
Total/NA	Prep	3050B			630468	DEE	EET CLE	10/11/24 15:00
Total/NA	Analysis	6010D		1	630591	KLC	EET CLE	10/12/24 19:07
Total/NA	Prep	7471B			630474	DEE	EET CLE	10/11/24 15:00
Total/NA	Analysis	7471B		1	630737	TQ6W	EET CLE	10/14/24 12:26
Total/NA	Prep	9012B			630709	C5SV	EET CLE	10/14/24 11:27
Total/NA	Analysis	9012B		50	630786	C5SV	EET CLE	10/14/24 18:47

Client Sample ID: DUP-10-20241008
Lab Sample ID: 240-212801-18

Date Collected: 10/08/24 00:00
Matrix: Solid
Date Received: 10/10/24 15:15

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	Moisture		1	630479	GZF4	EET CLE	10/11/24 11:51

Client Sample ID: DUP-10-20241008
Lab Sample ID: 240-212801-18

Date Collected: 10/08/24 00:00
Matrix: Solid
Date Received: 10/10/24 15:15
Percent Solids: 68.6

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	3546			630409	BV1	EET CLE	10/11/24 08:58
Total/NA	Analysis	8270E		1	630367	JMG	EET CLE	10/11/24 15:59
Total/NA	Prep	3050B			630468	DEE	EET CLE	10/11/24 15:00
Total/NA	Analysis	6010D		1	630591	KLC	EET CLE	10/12/24 19:11
Total/NA	Prep	7471B			630474	DEE	EET CLE	10/11/24 15:00
Total/NA	Analysis	7471B		1	630737	TQ6W	EET CLE	10/14/24 12:28

Client Sample ID: DUP-10-20241008 — **Lab Sample ID: 240-212801-18**
Date Collected: 10/08/24 00:00 — **Matrix: Solid**
Date Received: 10/10/24 15:15 — **Percent Solids: 68.6**

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	9012B			630709	C5SV	EET CLE	10/14/24 11:27
Total/NA	Analysis	9012B		10	630786	C5SV	EET CLE	10/14/24 17:09

Client Sample ID: SB-28-0.5 — **Lab Sample ID: 240-212801-19**
Date Collected: 10/08/24 14:15 — **Matrix: Solid**
Date Received: 10/10/24 15:15

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	Moisture		1	630479	GZF4	EET CLE	10/11/24 11:51

Client Sample ID: SB-28-0.5 — **Lab Sample ID: 240-212801-19**
Date Collected: 10/08/24 14:15 — **Matrix: Solid**
Date Received: 10/10/24 15:15 — **Percent Solids: 71.0**

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	3546			630409	BV1	EET CLE	10/11/24 08:58
Total/NA	Analysis	8270E		1	630367	JMG	EET CLE	10/11/24 16:23
Total/NA	Prep	3050B			630468	DEE	EET CLE	10/11/24 15:00
Total/NA	Analysis	6010D		1	630591	KLC	EET CLE	10/12/24 19:16
Total/NA	Prep	7471B			630474	DEE	EET CLE	10/11/24 15:00
Total/NA	Analysis	7471B		1	630737	TQ6W	EET CLE	10/14/24 12:29
Total/NA	Prep	9012B			630709	C5SV	EET CLE	10/14/24 11:27
Total/NA	Analysis	9012B		10	630786	C5SV	EET CLE	10/14/24 17:14

Client Sample ID: SB-28-2.0 — **Lab Sample ID: 240-212801-20**
Date Collected: 10/08/24 14:30 — **Matrix: Solid**
Date Received: 10/10/24 15:15

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	Moisture		1	630479	GZF4	EET CLE	10/11/24 11:51

Client Sample ID: SB-28-2.0 — **Lab Sample ID: 240-212801-20**
Date Collected: 10/08/24 14:30 — **Matrix: Solid**
Date Received: 10/10/24 15:15 — **Percent Solids: 78.9**

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	3546			630409	BV1	EET CLE	10/11/24 08:58
Total/NA	Analysis	8270E		1	630367	JMG	EET CLE	10/11/24 19:11
Total/NA	Prep	3050B			630468	DEE	EET CLE	10/11/24 15:00
Total/NA	Analysis	6010D		1	630591	KLC	EET CLE	10/12/24 19:20
Total/NA	Prep	7471B			630474	DEE	EET CLE	10/11/24 15:00
Total/NA	Analysis	7471B		1	630737	TQ6W	EET CLE	10/14/24 12:31
Total/NA	Prep	9012B			630709	C5SV	EET CLE	10/14/24 11:27
Total/NA	Analysis	9012B		10	630786	C5SV	EET CLE	10/14/24 17:18

Client Sample ID: SB-29-0 — **Lab Sample ID: 240-212801-21**
Date Collected: 10/08/24 14:55 — **Matrix: Solid**
Date Received: 10/10/24 15:15

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	Moisture		1	630479	GZF4	EET CLE	10/11/24 11:51

Client Sample ID: SB-29-0 — **Lab Sample ID: 240-212801-21**
Date Collected: 10/08/24 14:55 — **Matrix: Solid**
Date Received: 10/10/24 15:15 — **Percent Solids: 43.4**

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	3546			630410	NPR	EET CLE	10/11/24 09:05
Total/NA	Analysis	8270E		1	630600	LKG	EET CLE	10/14/24 14:22
Total/NA	Prep	3050B			630499	DEE	EET CLE	10/11/24 15:00
Total/NA	Analysis	6010D		1	630591	KLC	EET CLE	10/12/24 19:59
Total/NA	Prep	7471B			630500	DEE	EET CLE	10/11/24 15:00
Total/NA	Analysis	7471B		1	630737	TQ6W	EET CLE	10/14/24 11:06
Total/NA	Prep	9012B			630926	VH6H	EET CLE	10/15/24 14:23
Total/NA	Analysis	9012B		50	630965	VH6H	EET CLE	10/15/24 17:32

Client Sample ID: SB-29-0.5 — **Lab Sample ID: 240-212801-22**
Date Collected: 10/08/24 15:10 — **Matrix: Solid**
Date Received: 10/10/24 15:15

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	Moisture		1	630479	GZF4	EET CLE	10/11/24 11:51

Client Sample ID: SB-29-0.5 — **Lab Sample ID: 240-212801-22**
Date Collected: 10/08/24 15:10 — **Matrix: Solid**
Date Received: 10/10/24 15:15 — **Percent Solids: 51.8**

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	3546			630410	NPR	EET CLE	10/11/24 09:05
Total/NA	Analysis	8270E		1	630600	LKG	EET CLE	10/14/24 14:46
Total/NA	Prep	3050B			630499	DEE	EET CLE	10/11/24 15:00
Total/NA	Analysis	6010D		1	630591	KLC	EET CLE	10/12/24 20:03
Total/NA	Prep	7471B			630500	DEE	EET CLE	10/11/24 15:00
Total/NA	Analysis	7471B		1	630737	TQ6W	EET CLE	10/14/24 11:07
Total/NA	Prep	9012B			630926	VH6H	EET CLE	10/15/24 14:23
Total/NA	Analysis	9012B		50	630965	VH6H	EET CLE	10/15/24 17:41

Client Sample ID: SB-29-2.0 — **Lab Sample ID: 240-212801-23**
Date Collected: 10/08/24 15:20 — **Matrix: Solid**
Date Received: 10/10/24 15:15

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	Moisture		1	630479	GZF4	EET CLE	10/11/24 12:10

Client Sample ID: SB-29-2.0

Lab Sample ID: 240-212801-23

Date Collected: 10/08/24 15:20
Matrix: Solid
Date Received: 10/10/24 15:15
Percent Solids: 75.5

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	3546			630410	NPR	EET CLE	10/11/24 09:05
Total/NA	Analysis	8270E		1	630600	LKG	EET CLE	10/14/24 15:10
Total/NA	Prep	3050B			630499	DEE	EET CLE	10/11/24 15:00
Total/NA	Analysis	6010D		1	630591	KLC	EET CLE	10/12/24 20:07
Total/NA	Prep	7471B			630500	DEE	EET CLE	10/11/24 15:00
Total/NA	Analysis	7471B		1	630737	TQ6W	EET CLE	10/14/24 11:09
Total/NA	Prep	9012B			630926	VH6H	EET CLE	10/15/24 14:23
Total/NA	Analysis	9012B		10	630965	VH6H	EET CLE	10/15/24 17:49

Client Sample ID: SB-34-0

Lab Sample ID: 240-212801-24

Date Collected: 10/08/24 15:45
Matrix: Solid
Date Received: 10/10/24 15:15

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	Moisture		1	630479	GZF4	EET CLE	10/11/24 12:10

Client Sample ID: SB-34-0

Lab Sample ID: 240-212801-24

Date Collected: 10/08/24 15:45
Matrix: Solid
Date Received: 10/10/24 15:15
Percent Solids: 67.8

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	3546			630410	NPR	EET CLE	10/11/24 09:05
Total/NA	Analysis	8270E		1	630600	LKG	EET CLE	10/14/24 15:34
Total/NA	Prep	3050B			630499	DEE	EET CLE	10/11/24 15:00
Total/NA	Analysis	6010D		1	630591	KLC	EET CLE	10/12/24 20:12
Total/NA	Prep	3050B			630499	DEE	EET CLE	10/11/24 15:00
Total/NA	Analysis	6010D		5	630781	RKT	EET CLE	10/15/24 00:42
Total/NA	Prep	7471B			630500	DEE	EET CLE	10/11/24 15:00
Total/NA	Analysis	7471B		1	630737	TQ6W	EET CLE	10/14/24 11:11
Total/NA	Prep	9012B			630926	VH6H	EET CLE	10/15/24 14:23
Total/NA	Analysis	9012B		50	630965	VH6H	EET CLE	10/15/24 18:08

Client Sample ID: SB-34-0.5

Lab Sample ID: 240-212801-25

Date Collected: 10/08/24 15:50
Matrix: Solid
Date Received: 10/10/24 15:15

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	Moisture		1	630479	GZF4	EET CLE	10/11/24 12:10

Client Sample ID: SB-34-0.5

Lab Sample ID: 240-212801-25

Date Collected: 10/08/24 15:50
Matrix: Solid
Date Received: 10/10/24 15:15
Percent Solids: 81.4

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	3546			630410	NPR	EET CLE	10/11/24 09:05
Total/NA	Analysis	8270E		1	630600	LKG	EET CLE	10/14/24 15:58

Client Sample ID: SB-34-0.5 — **Lab Sample ID: 240-212801-25**
Date Collected: 10/08/24 15:50 — **Matrix: Solid**
Date Received: 10/10/24 15:15 — **Percent Solids: 81.4**

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	3050B			630499	DEE	EET CLE	10/11/24 15:00
Total/NA	Analysis	6010D		1	630591	KLC	EET CLE	10/12/24 20:16
Total/NA	Prep	7471B			630500	DEE	EET CLE	10/11/24 15:00
Total/NA	Analysis	7471B		1	630737	TQ6W	EET CLE	10/14/24 11:16
Total/NA	Prep	9012B			630926	VH6H	EET CLE	10/15/24 14:23
Total/NA	Analysis	9012B		10	630965	VH6H	EET CLE	10/15/24 18:13

Client Sample ID: SB-34-2.0 — **Lab Sample ID: 240-212801-26**
Date Collected: 10/08/24 16:00 — **Matrix: Solid**
Date Received: 10/10/24 15:15

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	Moisture		1	630479	GZF4	EET CLE	10/11/24 12:10

Client Sample ID: SB-34-2.0 — **Lab Sample ID: 240-212801-26**
Date Collected: 10/08/24 16:00 — **Matrix: Solid**
Date Received: 10/10/24 15:15 — **Percent Solids: 85.1**

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	3546			630410	NPR	EET CLE	10/11/24 09:05
Total/NA	Analysis	8270E		1	630600	LKG	EET CLE	10/14/24 16:22
Total/NA	Prep	3050B			630499	DEE	EET CLE	10/11/24 15:00
Total/NA	Analysis	6010D		1	630591	KLC	EET CLE	10/12/24 20:21
Total/NA	Prep	7471B			630500	DEE	EET CLE	10/11/24 15:00
Total/NA	Analysis	7471B		1	630737	TQ6W	EET CLE	10/14/24 11:18
Total/NA	Prep	9012B			630926	VH6H	EET CLE	10/15/24 14:23
Total/NA	Analysis	9012B		10	630965	VH6H	EET CLE	10/15/24 18:17

Client Sample ID: SB-33-0 — **Lab Sample ID: 240-212801-30**
Date Collected: 10/09/24 09:10 — **Matrix: Solid**
Date Received: 10/10/24 15:15

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	Moisture		1	630479	GZF4	EET CLE	10/11/24 12:10

Client Sample ID: SB-33-0 — **Lab Sample ID: 240-212801-30**
Date Collected: 10/09/24 09:10 — **Matrix: Solid**
Date Received: 10/10/24 15:15 — **Percent Solids: 69.2**

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	3546			630410	NPR	EET CLE	10/11/24 09:05
Total/NA	Analysis	8270E		1	630600	LKG	EET CLE	10/14/24 16:46
Total/NA	Prep	3050B			630499	DEE	EET CLE	10/11/24 15:00
Total/NA	Analysis	6010D		1	630591	KLC	EET CLE	10/12/24 19:29
Total/NA	Prep	3050B			630499	DEE	EET CLE	10/11/24 15:00
Total/NA	Analysis	6010D		10	630781	RKT	EET CLE	10/15/24 00:16

Lab Chronicle

Client: August Mack Environmental, Inc.
Job ID: 240-212801-1
Project/Site: MSC Canfield

Client Sample ID: SB-33-0
Lab Sample ID: 240-212801-30
Date Collected: 10/09/24 09:10
Matrix: Solid
Date Received: 10/10/24 15:15
Percent Solids: 69.2

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	7471B			630500	DEE	EET CLE	10/11/24 15:00
Total/NA	Analysis	7471B		1	630737	TQ6W	EET CLE	10/14/24 11:00
Total/NA	Prep	9012B			630926	VH6H	EET CLE	10/15/24 14:23
Total/NA	Analysis	9012B		50	630965	VH6H	EET CLE	10/15/24 16:39

Client Sample ID: SB-33-0.5
Lab Sample ID: 240-212801-31
Date Collected: 10/09/24 09:20
Matrix: Solid
Date Received: 10/10/24 15:15

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	Moisture		1	630479	GZF4	EET CLE	10/11/24 12:10

Client Sample ID: SB-33-0.5
Lab Sample ID: 240-212801-31
Date Collected: 10/09/24 09:20
Matrix: Solid
Date Received: 10/10/24 15:15
Percent Solids: 83.6

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	3546			630410	NPR	EET CLE	10/11/24 09:05
Total/NA	Analysis	8270E		1	630600	LKG	EET CLE	10/14/24 17:58
Total/NA	Prep	3050B			630499	DEE	EET CLE	10/11/24 15:00
Total/NA	Analysis	6010D		1	630591	KLC	EET CLE	10/12/24 20:34
Total/NA	Prep	7471B			630500	DEE	EET CLE	10/11/24 15:00
Total/NA	Analysis	7471B		1	630737	TQ6W	EET CLE	10/14/24 11:19
Total/NA	Prep	9012B			630926	VH6H	EET CLE	10/15/24 14:23
Total/NA	Analysis	9012B		10	630965	VH6H	EET CLE	10/15/24 16:53

Client Sample ID: SB-33-2.0
Lab Sample ID: 240-212801-32
Date Collected: 10/09/24 09:30
Matrix: Solid
Date Received: 10/10/24 15:15

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	Moisture		1	630479	GZF4	EET CLE	10/11/24 12:10

Client Sample ID: SB-33-2.0
Lab Sample ID: 240-212801-32
Date Collected: 10/09/24 09:30
Matrix: Solid
Date Received: 10/10/24 15:15
Percent Solids: 82.8

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	3546			630410	NPR	EET CLE	10/11/24 09:05
Total/NA	Analysis	8270E		1	630600	LKG	EET CLE	10/14/24 18:22
Total/NA	Prep	3050B			630499	DEE	EET CLE	10/11/24 15:00
Total/NA	Analysis	6010D		1	630591	KLC	EET CLE	10/12/24 20:38
Total/NA	Prep	7471B			630500	DEE	EET CLE	10/11/24 15:00
Total/NA	Analysis	7471B		1	630737	TQ6W	EET CLE	10/14/24 11:21
Total/NA	Prep	9012B			630926	VH6H	EET CLE	10/15/24 14:23
Total/NA	Analysis	9012B		10	630965	VH6H	EET CLE	10/15/24 16:57

Lab Chronicle

Client: August Mack Environmental, Inc.
Project/Site: MSC Canfield

Job ID: 240-212801-1

Client Sample ID: DUP-11-20241009

Lab Sample ID: 240-212801-33

Date Collected: 10/09/24 00:00

Matrix: Solid

Date Received: 10/10/24 15:15

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	Moisture		1	630479	GZF4	EET CLE	10/11/24 12:10

Client Sample ID: DUP-11-20241009

Lab Sample ID: 240-212801-33

Date Collected: 10/09/24 00:00

Matrix: Solid

Date Received: 10/10/24 15:15

Percent Solids: 63.0

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	3546			630410	NPR	EET CLE	10/11/24 09:05
Total/NA	Analysis	8270E		1	630600	LKG	EET CLE	10/14/24 18:46
Total/NA	Prep	3050B			630499	DEE	EET CLE	10/11/24 15:00
Total/NA	Analysis	6010D		1	630591	KLC	EET CLE	10/12/24 20:42
Total/NA	Prep	3050B			630499	DEE	EET CLE	10/11/24 15:00
Total/NA	Analysis	6010D		100	630781	RKT	EET CLE	10/15/24 00:46
Total/NA	Prep	7471B			630500	DEE	EET CLE	10/11/24 15:00
Total/NA	Analysis	7471B		1	630737	TQ6W	EET CLE	10/14/24 11:23
Total/NA	Prep	9012B			630926	VH6H	EET CLE	10/15/24 14:23
Total/NA	Analysis	9012B		50	630965	VH6H	EET CLE	10/15/24 17:02

Client Sample ID: SB-32-0

Lab Sample ID: 240-212801-34

Date Collected: 10/09/24 09:50

Matrix: Solid

Date Received: 10/10/24 15:15

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	Moisture		1	630479	GZF4	EET CLE	10/11/24 12:10

Client Sample ID: SB-32-0

Lab Sample ID: 240-212801-34

Date Collected: 10/09/24 09:50

Matrix: Solid

Date Received: 10/10/24 15:15

Percent Solids: 63.4

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	3546			630410	NPR	EET CLE	10/11/24 09:05
Total/NA	Analysis	8270E		1	630600	LKG	EET CLE	10/14/24 19:09
Total/NA	Prep	3050B			630499	DEE	EET CLE	10/11/24 15:00
Total/NA	Analysis	6010D		1	630591	KLC	EET CLE	10/12/24 20:47
Total/NA	Prep	3050B			630499	DEE	EET CLE	10/11/24 15:00
Total/NA	Analysis	6010D		50	630781	RKT	EET CLE	10/15/24 00:50
Total/NA	Prep	7471B			630500	DEE	EET CLE	10/11/24 15:00
Total/NA	Analysis	7471B		1	630737	TQ6W	EET CLE	10/14/24 11:24
Total/NA	Prep	9012B			630926	VH6H	EET CLE	10/15/24 14:23
Total/NA	Analysis	9012B		50	630965	VH6H	EET CLE	10/15/24 17:10

Client Sample ID: SB-32-0.5 — **Lab Sample ID: 240-212801-35**
Date Collected: 10/09/24 10:00 — **Matrix: Solid**
Date Received: 10/10/24 15:15

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	Moisture		1	630479	GZF4	EET CLE	10/11/24 12:10

Client Sample ID: SB-32-0.5 — **Lab Sample ID: 240-212801-35**
Date Collected: 10/09/24 10:00 — **Matrix: Solid**
Date Received: 10/10/24 15:15 — **Percent Solids: 64.5**

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	3546			630410	NPR	EET CLE	10/11/24 09:05
Total/NA	Analysis	8270E		1	630600	LKG	EET CLE	10/14/24 19:33
Total/NA	Prep	3050B			630499	DEE	EET CLE	10/11/24 15:00
Total/NA	Analysis	6010D		1	630591	KLC	EET CLE	10/12/24 20:51
Total/NA	Prep	7471B			630500	DEE	EET CLE	10/11/24 15:00
Total/NA	Analysis	7471B		1	630737	TQ6W	EET CLE	10/14/24 11:26
Total/NA	Prep	9012B			630926	VH6H	EET CLE	10/15/24 14:23
Total/NA	Analysis	9012B		50	630965	VH6H	EET CLE	10/15/24 17:14

Client Sample ID: SB-32-2.0 — **Lab Sample ID: 240-212801-36**
Date Collected: 10/09/24 10:15 — **Matrix: Solid**
Date Received: 10/10/24 15:15

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	Moisture		1	630479	GZF4	EET CLE	10/11/24 12:10

Client Sample ID: SB-32-2.0 — **Lab Sample ID: 240-212801-36**
Date Collected: 10/09/24 10:15 — **Matrix: Solid**
Date Received: 10/10/24 15:15 — **Percent Solids: 68.9**

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	3546			630410	NPR	EET CLE	10/11/24 09:05
Total/NA	Analysis	8270E		1	630600	LKG	EET CLE	10/14/24 19:57
Total/NA	Prep	3050B			630499	DEE	EET CLE	10/11/24 15:00
Total/NA	Analysis	6010D		1	630591	KLC	EET CLE	10/12/24 20:56
Total/NA	Prep	7471B			630500	DEE	EET CLE	10/11/24 15:00
Total/NA	Analysis	7471B		1	630737	TQ6W	EET CLE	10/14/24 11:28
Total/NA	Prep	9012B			630926	VH6H	EET CLE	10/15/24 14:23
Total/NA	Analysis	9012B		10	630965	VH6H	EET CLE	10/15/24 17:19

Client Sample ID: SB-31-0 — **Lab Sample ID: 240-212801-37**
Date Collected: 10/09/24 10:55 — **Matrix: Solid**
Date Received: 10/10/24 15:15

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	Moisture		1	630479	GZF4	EET CLE	10/11/24 12:10

Lab Chronicle

Client: August Mack Environmental, Inc.
Project/Site: MSC Canfield

Job ID: 240-212801-1

Client Sample ID: SB-31-0

Lab Sample ID: 240-212801-37

Date Collected: 10/09/24 10:55
Date Received: 10/10/24 15:15

Matrix: Solid
Percent Solids: 50.3

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	3546			630410	NPR	EET CLE	10/11/24 09:05
Total/NA	Analysis	8270E		1	630772	LKG	EET CLE	10/15/24 15:18
Total/NA	Prep	3050B			630499	DEE	EET CLE	10/11/24 15:00
Total/NA	Analysis	6010D		1	630591	KLC	EET CLE	10/12/24 21:00
Total/NA	Prep	3050B			630499	DEE	EET CLE	10/11/24 15:00
Total/NA	Analysis	6010D		10	630781	RKT	EET CLE	10/15/24 00:54
Total/NA	Prep	7471B			630500	DEE	EET CLE	10/11/24 15:00
Total/NA	Analysis	7471B		1	630737	TQ6W	EET CLE	10/14/24 11:29
Total/NA	Prep	9012B			630926	VH6H	EET CLE	10/15/24 14:23
Total/NA	Analysis	9012B		50	630965	VH6H	EET CLE	10/15/24 17:23

Client Sample ID: DUP-12-20241009

Lab Sample ID: 240-212801-38

Date Collected: 10/09/24 00:00
Date Received: 10/10/24 15:15

Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	Moisture		1	630479	GZF4	EET CLE	10/11/24 12:10

Client Sample ID: DUP-12-20241009

Lab Sample ID: 240-212801-38

Date Collected: 10/09/24 00:00
Date Received: 10/10/24 15:15

Matrix: Solid
Percent Solids: 52.1

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	3546			630410	NPR	EET CLE	10/11/24 09:05
Total/NA	Analysis	8270E		1	630772	LKG	EET CLE	10/15/24 15:42
Total/NA	Prep	3050B			630499	DEE	EET CLE	10/11/24 15:00
Total/NA	Analysis	6010D		1	630591	KLC	EET CLE	10/12/24 21:04
Total/NA	Prep	3050B			630499	DEE	EET CLE	10/11/24 15:00
Total/NA	Analysis	6010D		10	630781	RKT	EET CLE	10/15/24 00:59
Total/NA	Prep	7471B			630500	DEE	EET CLE	10/11/24 15:00
Total/NA	Analysis	7471B		1	630737	TQ6W	EET CLE	10/14/24 11:31
Total/NA	Prep	9012B			630926	VH6H	EET CLE	10/15/24 14:23
Total/NA	Analysis	9012B		50	630965	VH6H	EET CLE	10/15/24 17:28

Client Sample ID: SB-31-0.5

Lab Sample ID: 240-212801-39

Date Collected: 10/09/24 11:05
Date Received: 10/10/24 15:15

Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	Moisture		1	630479	GZF4	EET CLE	10/11/24 12:10

Client Sample ID: SB-31-0.5

Lab Sample ID: 240-212801-39

Date Collected: 10/09/24 11:05
Matrix: Solid
Date Received: 10/10/24 15:15
Percent Solids: 67.6

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	3546			630410	NPR	EET CLE	10/11/24 09:05
Total/NA	Analysis	8270E		1	630772	LKG	EET CLE	10/15/24 16:06
Total/NA	Prep	3050B			630499	DEE	EET CLE	10/11/24 15:00
Total/NA	Analysis	6010D		1	630591	KLC	EET CLE	10/12/24 21:09
Total/NA	Prep	7471B			630500	DEE	EET CLE	10/11/24 15:00
Total/NA	Analysis	7471B		1	630737	TQ6W	EET CLE	10/14/24 11:36
Total/NA	Prep	9012B			630939	VH6H	EET CLE	10/15/24 15:30
Total/NA	Analysis	9012B		10	631084	VH6H	EET CLE	10/15/24 21:11

Client Sample ID: SB-31-2.0

Lab Sample ID: 240-212801-40

Date Collected: 10/09/24 11:15
Matrix: Solid
Date Received: 10/10/24 15:15

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	Moisture		1	630479	GZF4	EET CLE	10/11/24 12:10

Client Sample ID: SB-31-2.0

Lab Sample ID: 240-212801-40

Date Collected: 10/09/24 11:15
Matrix: Solid
Date Received: 10/10/24 15:15
Percent Solids: 54.7

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	3546			630410	NPR	EET CLE	10/11/24 09:05
Total/NA	Analysis	8270E		1	630772	LKG	EET CLE	10/15/24 16:30
Total/NA	Prep	3050B			630499	DEE	EET CLE	10/11/24 15:00
Total/NA	Analysis	6010D		1	630591	KLC	EET CLE	10/12/24 21:13
Total/NA	Prep	7471B			630500	DEE	EET CLE	10/11/24 15:00
Total/NA	Analysis	7471B		1	630737	TQ6W	EET CLE	10/14/24 11:38
Total/NA	Prep	9012B			630939	VH6H	EET CLE	10/15/24 15:30
Total/NA	Analysis	9012B		10	631084	VH6H	EET CLE	10/15/24 20:28

Client Sample ID: SB-30-0

Lab Sample ID: 240-212801-41

Date Collected: 10/09/24 12:30
Matrix: Solid
Date Received: 10/10/24 15:15

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	Moisture		1	630479	GZF4	EET CLE	10/11/24 12:10

Client Sample ID: SB-30-0

Lab Sample ID: 240-212801-41

Date Collected: 10/09/24 12:30
Matrix: Solid
Date Received: 10/10/24 15:15
Percent Solids: 47.4

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	3546			630426	BV1	EET CLE	10/11/24 09:48
Total/NA	Analysis	8270E		1	630639	JMG	EET CLE	10/14/24 15:57
Total/NA	Prep	3050B			630517	DEE	EET CLE	10/11/24 15:00
Total/NA	Analysis	6010D		1	630591	KLC	EET CLE	10/12/24 15:43

Client Sample ID: SB-30-0 — **Lab Sample ID: 240-212801-41**
Date Collected: 10/09/24 12:30 — **Matrix: Solid**
Date Received: 10/10/24 15:15 — **Percent Solids: 47.4**

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	3050B			630517	DEE	EET CLE	10/11/24 15:00
Total/NA	Analysis	6010D		50	630591	KLC	EET CLE	10/13/24 01:51
Total/NA	Prep	7471B			630522	DEE	EET CLE	10/11/24 15:00
Total/NA	Analysis	7471B		1	630737	TQ6W	EET CLE	10/14/24 12:50
Total/NA	Prep	9012B			630939	VH6H	EET CLE	10/15/24 15:30
Total/NA	Analysis	9012B		50	631084	VH6H	EET CLE	10/15/24 20:14

Client Sample ID: SB-30-0.5 — **Lab Sample ID: 240-212801-42**
Date Collected: 10/09/24 12:45 — **Matrix: Solid**
Date Received: 10/10/24 15:15

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	Moisture		1	630479	GZF4	EET CLE	10/11/24 12:10

Client Sample ID: SB-30-0.5 — **Lab Sample ID: 240-212801-42**
Date Collected: 10/09/24 12:45 — **Matrix: Solid**
Date Received: 10/10/24 15:15 — **Percent Solids: 70.3**

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	3546			630426	BV1	EET CLE	10/11/24 09:48
Total/NA	Analysis	8270E		1	630639	JMG	EET CLE	10/14/24 17:11
Total/NA	Prep	3050B			630499	DEE	EET CLE	10/11/24 15:00
Total/NA	Analysis	6010D		1	630591	KLC	EET CLE	10/12/24 21:26
Total/NA	Prep	7471B			630500	DEE	EET CLE	10/11/24 15:00
Total/NA	Analysis	7471B		1	630737	TQ6W	EET CLE	10/14/24 11:40
Total/NA	Prep	9012B			630939	VH6H	EET CLE	10/15/24 15:30
Total/NA	Analysis	9012B		10	631084	VH6H	EET CLE	10/15/24 20:32

Client Sample ID: DUP-13-20241009 — **Lab Sample ID: 240-212801-43**
Date Collected: 10/09/24 00:00 — **Matrix: Solid**
Date Received: 10/10/24 15:15

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	Moisture		1	630479	GZF4	EET CLE	10/11/24 12:10

Client Sample ID: DUP-13-20241009 — **Lab Sample ID: 240-212801-43**
Date Collected: 10/09/24 00:00 — **Matrix: Solid**
Date Received: 10/10/24 15:15 — **Percent Solids: 75.8**

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	3546			630426	BV1	EET CLE	10/11/24 09:48
Total/NA	Analysis	8270E		1	630639	JMG	EET CLE	10/14/24 17:36
Total/NA	Prep	3050B			630499	DEE	EET CLE	10/11/24 15:00
Total/NA	Analysis	6010D		1	630591	KLC	EET CLE	10/12/24 21:30
Total/NA	Prep	7471B			630500	DEE	EET CLE	10/11/24 15:00
Total/NA	Analysis	7471B		1	630737	TQ6W	EET CLE	10/14/24 11:41

Client Sample ID: DUP-13-20241009
Lab Sample ID: 240-212801-43

Date Collected: 10/09/24 00:00
Matrix: Solid
Date Received: 10/10/24 15:15
Percent Solids: 75.8

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	9012B			630939	VH6H	EET CLE	10/15/24 15:30
Total/NA	Analysis	9012B		10	631084	VH6H	EET CLE	10/15/24 20:37

Client Sample ID: SB-30-2.0
Lab Sample ID: 240-212801-44

Date Collected: 10/09/24 13:05
Matrix: Solid
Date Received: 10/10/24 15:15

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	Moisture		1	630479	GZF4	EET CLE	10/11/24 12:10

Client Sample ID: SB-30-2.0
Lab Sample ID: 240-212801-44

Date Collected: 10/09/24 13:05
Matrix: Solid
Date Received: 10/10/24 15:15
Percent Solids: 77.9

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	3546			630426	BV1	EET CLE	10/11/24 09:48
Total/NA	Analysis	8270E		1	630639	JMG	EET CLE	10/14/24 18:00
Total/NA	Prep	3050B			630499	DEE	EET CLE	10/11/24 15:00
Total/NA	Analysis	6010D		1	630591	KLC	EET CLE	10/12/24 21:34
Total/NA	Prep	7471B			630500	DEE	EET CLE	10/11/24 15:00
Total/NA	Analysis	7471B		1	630737	TQ6W	EET CLE	10/14/24 11:43
Total/NA	Prep	9012B			630939	VH6H	EET CLE	10/15/24 15:30
Total/NA	Analysis	9012B		10	631084	VH6H	EET CLE	10/15/24 20:41

Client Sample ID: SB-36-0
Lab Sample ID: 240-212801-45

Date Collected: 10/09/24 13:45
Matrix: Solid
Date Received: 10/10/24 15:15

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	Moisture		1	630479	GZF4	EET CLE	10/11/24 12:10

Client Sample ID: SB-36-0
Lab Sample ID: 240-212801-45

Date Collected: 10/09/24 13:45
Matrix: Solid
Date Received: 10/10/24 15:15
Percent Solids: 61.6

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	3546			630426	BV1	EET CLE	10/11/24 09:48
Total/NA	Analysis	8270E		1	630639	JMG	EET CLE	10/14/24 18:25
Total/NA	Prep	3050B			630517	DEE	EET CLE	10/11/24 15:00
Total/NA	Analysis	6010D		1	630591	KLC	EET CLE	10/12/24 16:43
Total/NA	Prep	3050B			630517	DEE	EET CLE	10/11/24 15:00
Total/NA	Analysis	6010D		50	630591	KLC	EET CLE	10/13/24 04:43
Total/NA	Prep	7471B			630522	DEE	EET CLE	10/11/24 15:00
Total/NA	Analysis	7471B		1	630737	TQ6W	EET CLE	10/14/24 13:21
Total/NA	Prep	9012B			630939	VH6H	EET CLE	10/15/24 15:30
Total/NA	Analysis	9012B		50	631084	VH6H	EET CLE	10/15/24 20:46

Client Sample ID: SB-36-0.5 — **Lab Sample ID: 240-212801-46**
Date Collected: 10/09/24 13:55 — **Matrix: Solid**
Date Received: 10/10/24 15:15

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	Moisture		1	630479	GZF4	EET CLE	10/11/24 12:10

Client Sample ID: SB-36-0.5 — **Lab Sample ID: 240-212801-46**
Date Collected: 10/09/24 13:55 — **Matrix: Solid**
Date Received: 10/10/24 15:15 — **Percent Solids: 68.1**

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	3546			630426	BV1	EET CLE	10/11/24 09:48
Total/NA	Analysis	8270E		1	630639	JMG	EET CLE	10/14/24 18:49
Total/NA	Prep	3050B			630517	DEE	EET CLE	10/11/24 15:00
Total/NA	Analysis	6010D		1	630591	KLC	EET CLE	10/12/24 16:48
Total/NA	Prep	7471B			630522	DEE	EET CLE	10/11/24 15:00
Total/NA	Analysis	7471B		1	630737	TQ6W	EET CLE	10/14/24 13:23
Total/NA	Prep	9012B			630939	VH6H	EET CLE	10/15/24 15:30
Total/NA	Analysis	9012B		10	631084	VH6H	EET CLE	10/15/24 20:53

Client Sample ID: SB-36-2.0 — **Lab Sample ID: 240-212801-47**
Date Collected: 10/09/24 14:05 — **Matrix: Solid**
Date Received: 10/10/24 15:15

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	Moisture		1	630479	GZF4	EET CLE	10/11/24 12:10

Client Sample ID: SB-36-2.0 — **Lab Sample ID: 240-212801-47**
Date Collected: 10/09/24 14:05 — **Matrix: Solid**
Date Received: 10/10/24 15:15 — **Percent Solids: 76.7**

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	3546			630426	BV1	EET CLE	10/11/24 09:48
Total/NA	Analysis	8270E		1	630639	JMG	EET CLE	10/14/24 19:14
Total/NA	Prep	3050B			630517	DEE	EET CLE	10/11/24 15:00
Total/NA	Analysis	6010D		1	630591	KLC	EET CLE	10/12/24 16:52
Total/NA	Prep	7471B			630522	DEE	EET CLE	10/11/24 15:00
Total/NA	Analysis	7471B		1	630737	TQ6W	EET CLE	10/14/24 13:24
Total/NA	Prep	9012B			630939	VH6H	EET CLE	10/15/24 15:30
Total/NA	Analysis	9012B		10	631084	VH6H	EET CLE	10/15/24 20:58

Client Sample ID: SB-35-0 — **Lab Sample ID: 240-212801-48**
Date Collected: 10/09/24 14:30 — **Matrix: Solid**
Date Received: 10/10/24 15:15

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	Moisture		1	630479	GZF4	EET CLE	10/11/24 12:10

Client Sample ID: SB-35-0
Lab Sample ID: 240-212801-48

Date Collected: 10/09/24 14:30
Matrix: Solid
Date Received: 10/10/24 15:15
Percent Solids: 46.0

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	3546			630410	NPR	EET CLE	10/11/24 09:05
Total/NA	Analysis	8270E		1	630772	LKG	EET CLE	10/15/24 16:54
Total/NA	Prep	3050B			630517	DEE	EET CLE	10/11/24 15:00
Total/NA	Analysis	6010D		1	630591	KLC	EET CLE	10/12/24 17:05
Total/NA	Prep	3050B			630517	DEE	EET CLE	10/11/24 15:00
Total/NA	Analysis	6010D		20	630781	RKT	EET CLE	10/14/24 23:29
Total/NA	Prep	7471B			630522	DEE	EET CLE	10/11/24 15:00
Total/NA	Analysis	7471B		1	630737	TQ6W	EET CLE	10/14/24 13:30
Total/NA	Prep	9012B			630939	VH6H	EET CLE	10/15/24 15:30
Total/NA	Analysis	9012B		50	631084	VH6H	EET CLE	10/15/24 21:02

Client Sample ID: SB-35-0.5
Lab Sample ID: 240-212801-49

Date Collected: 10/09/24 14:35
Matrix: Solid
Date Received: 10/10/24 15:15

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	Moisture		1	630479	GZF4	EET CLE	10/11/24 12:20

Client Sample ID: SB-35-0.5
Lab Sample ID: 240-212801-49

Date Collected: 10/09/24 14:35
Matrix: Solid
Date Received: 10/10/24 15:15
Percent Solids: 48.3

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	3546			630410	NPR	EET CLE	10/11/24 09:05
Total/NA	Analysis	8270E		1	630772	LKG	EET CLE	10/15/24 17:18
Total/NA	Prep	3050B			630517	DEE	EET CLE	10/11/24 15:00
Total/NA	Analysis	6010D		1	630591	KLC	EET CLE	10/12/24 17:10
Total/NA	Prep	7471B			630522	DEE	EET CLE	10/11/24 15:00
Total/NA	Analysis	7471B		1	630737	TQ6W	EET CLE	10/14/24 13:31
Total/NA	Prep	9012B			630939	VH6H	EET CLE	10/15/24 15:30
Total/NA	Analysis	9012B		10	631084	VH6H	EET CLE	10/15/24 21:07

Client Sample ID: SB-35-2.0
Lab Sample ID: 240-212801-50

Date Collected: 10/09/24 14:45
Matrix: Solid
Date Received: 10/10/24 15:15

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	Moisture		1	630479	GZF4	EET CLE	10/11/24 12:20

Client Sample ID: SB-35-2.0
Lab Sample ID: 240-212801-50

Date Collected: 10/09/24 14:45
Matrix: Solid
Date Received: 10/10/24 15:15
Percent Solids: 60.0

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	3546			630410	NPR	EET CLE	10/11/24 09:05
Total/NA	Analysis	8270E		1	630772	LKG	EET CLE	10/15/24 17:41

Lab Chronicle

Client: August Mack Environmental, Inc.
Project/Site: MSC Canfield

Job ID: 240-212801-1

Client Sample ID: SB-35-2.0

Lab Sample ID: 240-212801-50

Date Collected: 10/09/24 14:45
Matrix: Solid
Date Received: 10/10/24 15:15
Percent Solids: 60.0

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	3050B			630517	DEE	EET CLE	10/11/24 15:00
Total/NA	Analysis	6010D		1	630591	KLC	EET CLE	10/12/24 17:14
Total/NA	Prep	7471B			630522	DEE	EET CLE	10/11/24 15:00
Total/NA	Analysis	7471B		1	630737	TQ6W	EET CLE	10/14/24 13:33
Total/NA	Prep	9012B			630939	VH6H	EET CLE	10/15/24 15:30
Total/NA	Analysis	9012B		10	631084	VH6H	EET CLE	10/16/24 09:21

Client Sample ID: EB-2-20241010

Lab Sample ID: 240-212801-55

Date Collected: 10/10/24 12:25
Matrix: Water
Date Received: 10/10/24 15:15

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	3510C LVI			630425	GBS	EET CLE	10/11/24 09:37
Total/NA	Analysis	8270E		1	630622	MRU	EET CLE	10/14/24 11:54
Total Recoverable	Prep	3005A			630461	XWS6	EET CLE	10/11/24 14:00
Total Recoverable	Analysis	6010D		1	630591	KLC	EET CLE	10/13/24 03:08
Total Recoverable	Prep	3005A			630461	XWS6	EET CLE	10/11/24 14:00
Total Recoverable	Analysis	6010D		1	630781	RKT	EET CLE	10/14/24 23:03
Total/NA	Prep	7470A			630480	XWS6	EET CLE	10/11/24 14:00
Total/NA	Analysis	7470A		1	630747	TQ6W	EET CLE	10/14/24 13:52
Dissolved	Analysis	7196A		1	630416	AAP	EET CLE	10/11/24 15:58
Total/NA	Analysis	7196A		1	630416	AAP	EET CLE	10/11/24 10:57
Total/NA	Prep	9012B			631135	VH6H	EET CLE	10/16/24 15:41
Total/NA	Analysis	9012B		1	631156	VH6H	EET CLE	10/16/24 16:45

Client Sample ID: RB-2-20241010

Lab Sample ID: 240-212801-56

Date Collected: 10/10/24 11:48
Matrix: Water
Date Received: 10/10/24 15:15

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	3510C LVI			630425	GBS	EET CLE	10/11/24 09:37
Total/NA	Analysis	8270E		1	630622	MRU	EET CLE	10/14/24 12:17
Total Recoverable	Prep	3005A			630461	XWS6	EET CLE	10/11/24 14:00
Total Recoverable	Analysis	6010D		1	630591	KLC	EET CLE	10/13/24 03:12
Total Recoverable	Prep	3005A			630461	XWS6	EET CLE	10/11/24 14:00
Total Recoverable	Analysis	6010D		1	630781	RKT	EET CLE	10/14/24 23:07
Total/NA	Prep	7470A			630480	XWS6	EET CLE	10/11/24 14:00
Total/NA	Analysis	7470A		1	630747	TQ6W	EET CLE	10/14/24 13:57
Dissolved	Analysis	7196A		1	630416	AAP	EET CLE	10/11/24 15:58
Total/NA	Analysis	7196A		1	630416	AAP	EET CLE	10/11/24 11:00
Total/NA	Prep	9012B			631135	VH6H	EET CLE	10/16/24 15:41
Total/NA	Analysis	9012B		1	631156	VH6H	EET CLE	10/16/24 16:47

Laboratory References:

EET CLE = Eurofins Cleveland, 180 S. Van Buren Avenue, Barberton, OH 44203, TEL (330)497-9396

Accreditation/Certification Summary

Client: August Mack Environmental, Inc.
Project/Site: MSC Canfield

Job ID: 240-212801-1

Laboratory: Eurofins Cleveland

All accreditations/certifications held by this laboratory are listed. Not all accreditations/certifications are applicable to this report.

Authority	Program	Identification Number	Expiration Date
California	State	2927	02-28-25
Georgia	State	4062	02-27-25
Illinois	NELAP	200004	08-31-25
Iowa	State	421	06-01-25
Kentucky (UST)	State	112225	02-27-25
Kentucky (WW)	State	KY98016	12-30-24
Minnesota	NELAP	039-999-348	12-31-24
New Hampshire	NELAP	225024	09-30-25
New Jersey	NELAP	OH001	07-03-25
New York	NELAP	10975	04-02-25
Ohio VAP	State	ORELAP 4062	02-27-25
Oregon	NELAP	4062	02-27-25
Pennsylvania	NELAP	68-00340	08-31-25
Texas	NELAP	T104704517-22-19	08-31-25
USDA	US Federal Programs	P330-18-00281	01-05-27
Virginia	NELAP	460175	09-14-25
West Virginia DEP	State	210	12-31-24

Eurofins Cleveland
180 S. Van Buren Avenue
Barberton, OH 44203
Phone (330) 497-9396 Phone (330) 497-0772

Chain of Custody Record

eurofins | Environment Testing

Client Information	Sampler: Elisabeth Webber	Lab PM: Kalis, Nicole A	Carrier Tracking No(s):	COC No: 240-124901-43556.2
Client Contact: Kain Lager-Lowe	Phone:	E-Mail: Nicole.Kalis@et.eurofinsus.com	State of Origin: OH	Page: ~~Page 2 of 12~~ 1
Company: August Mack Environmental, Inc.	PWSID:	Analysis Requested		Job #:
Address: 7830 North Central Drive, Suite B	Due Date Requested:			Preservation Codes: N - None; A - HCL; B - NaOH; D - HNO3
City: Lewis Center	TAT Requested (days): 3 day TAT			
State, Zip: OH, 43035	Compliance Project: Δ Yes Δ No			
Phone: 740-548-1515(Tel)	PO #:			
Email: klagerlowe@augustmack.com	WO #:			Other: 240-212801 COC
Project Name: MSC Canfield - Soil/Surface Water	Project #: DO NOT DELETE - 24033889			
Site:	SSOW#:			

Sample Identification	Sample Date	Sample Time	Sample Type (C=comp, G=grab)	Matrix (W=water, S=solid, O=waste/oil, BT=Tissue, A=Air)	Field Filtered Sample (Yes or No)	Perform MS/MSD (Yes or No)	8260D - VOCs	8270E - SVOCs	8082A - PCBs	6010D, 7471B - RCRA 8, Cu & Zn	9012B - Total Cyanide	7196A - Hexavalent Chromium	1677 - Free Cyanide	Total Number of containers	Special Instructions/Note:
			Preservation Code:		X	X	N	N	N	N	N	N	N	X	
SB-23-0	10-8-24	0945	G	Solid	W	N	X	X	X	X	X	X	X	6	
SB-23-0.5	10-8-24	0955	G	Solid	W	N	X	X	X	X	X	X	X	6	
SB-23-2.0	10-8-24	1010	G	Solid	W	N	X	X	X	X	X	X	X	6	
DUP-9-2024 1008	10-8-24	—	G	Solid	W	N	X	X	X	X	X	X	X	6	
SB-24-0	10-8-24	1025	G	Solid	W	N	X	X	X	X	X	X	X	6	
SB-24-0.5	10-8-24	1035	G	Solid	W	N	X	X	X	X	X	X	X	6	
SB-24-2.0	10-8-24	1045	G	Solid	W	N	X	X	X	X	X	X	X	6	
SB-25-0	10-8-24	1135	G	Solid	W	N	X	X	X	X	X	X	X	6	
SB-25-0.5	10-8-24	1145	G	Solid	W	N	X	X	X	X	X	X	X	6	
SB-25-2.0	10-8-24	1200	G	Solid	W	N	X	X	X	X	X	X	X	6	
SB-26-2.0	10-8-24	1230	G	Solid	W	N	X	X	X	X	X	X	X	6	

Possible Hazard Identification
☐ Non-Hazard ☐ Flammable ☐ Skin Irritant ☐ Poison B ☐ Unknown ☐ Radiological

Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)
☐ Return To Client ☐ Disposal By Lab ☐ Archive For _____ Months

Deliverable Requested: I, II, III, IV, Other (specify)

Special Instructions/QC Requirements:

Empty Kit Relinquished by:	Date:	Time:	Method of Shipment:

Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company
	10/10/24 1515	AME		10/10/24 1515	Eur
Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company
Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company

Custody Seals Intact: Δ Yes Δ No	Custody Seal No.:	Cooler Temperature(s) °C and Other Remarks:

Eurofins Cleveland
180 S. Van Buren Avenue
Barberton, OH 44203
Phone (330) 497-9396 Phone (330) 497-0772

Chain of Custody Record

eurofins | Environment Testing

Client Information	Sampler: Elisabeth Webber	Lab PM: Kalis, Nicole A	Carrier Tracking No(s):	COC No: 240-124901-43556.4
Client Contact: Kain Lager-Lowe	Phone:	E-Mail: Nicole.Kalis@et.eurofinsus.com	State of Origin: OH	Page: ~~Page 4 of 12~~ 2
Company: August Mack Environmental, Inc.	PWSID:			Job #:
Address: 7830 North Central Drive, Suite B	Due Date Requested:			
City: Lewis Center	TAT Requested (days): 3 day TAT			
State, Zip: OH, 43035	Compliance Project: Δ Yes Δ No			
Phone: 740-548-1515(Tel)	PO #:			
Email: klagerlowe@augustmack.com	WO #:			
Project Name: MSC Canfield - Soil/Surface Water	Project #: DO NOT DELETE - 24033889			
Site:	SSOW#:			

Analysis Requested

Preservation Codes:
N - None
A - HCL
B - NaOH
D - HNO3

Other:

Sample Identification	Sample Date	Sample Time	Sample Type (C=comp, G=grab)	Matrix (W=water, S=solid, O=waste/oil, BT=Tissue, A=Air)	Field Filtered Sample (Yes or No)	Perform MS/MSD (Yes or No)	8260D - VOCs	8270E - SVOCs	8082A - PCBs	6010D, 7471B - RCRA 8, Cu & Zn	9012B - Total Cyanide	7196A - Hexavalent Chromium	1677 - Free Cyanide	Total Number of containers	Special Instructions/Note:
			Preservation Code:				N	N	N	N	N	N	N		
SB-26-0	10-8-24	1205	G	Solid	N	N	X	X	X	X	X	X	X	6	
SB-26-0.5	10-8-24	1215	G	Solid	N	N	X	X	X	X	X	X	X	6	
SB-27-0	10-8-24	1250	G	Solid	N	Y	X	X	X	X	X	X	X	18	
SB-27-0.5	10-8-24	1305	G	Solid	N	N	X	X	X	X	X	X	X	6	
SB-27-2.0	10-8-24	1315	G	Solid	N	N	X	X	X	X	X	X	X	6	
SB-28-0	10-8-24	1405	G	Solid	N	N	X	X	X	X	X	X	X	6	
DUP-10-2024 1008	10-8-24	—	G	Solid	N	N	X	X	X	X	X	X	X	6	
SB-28-0.5	10-8-24	1415	G	Solid	N	N	X	X	X	X	X	X	X	6	
SB-28-2.0	10-8-24	1430	G	Solid	N	N	X	X	X	X	X	X	X	6	
SB-29-0	10-8-24	1455	G	Solid	N	N	X	X	X	X	X	X	X	6	
SB-29-0.5	10-8-24	1510	G	Solid	N	N	X	X	X	X	X	X	X	6	

Possible Hazard Identification
☐ Non-Hazard ☐ Flammable ☐ Skin Irritant ☐ Poison B ☐ Unknown ☐ Radiological

Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)
☐ Return To Client ☐ Disposal By Lab ☐ Archive For _____ Months

Deliverable Requested: I, II, III, IV, Other (specify)

Special Instructions/QC Requirements:

Empty Kit Relinquished by:	Date:	Time:	Method of Shipment:

	Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company
1		10/10/24 1515	AME		10/10/2024 1515	Euro
2	Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company
3	Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company

Custody Seals Intact: Δ Yes Δ No	Custody Seal No.:	Cooler Temperature(s) °C and Other Remarks:

Eurofins Cleveland
180 S. Van Buren Avenue
Barberton, OH 44203
Phone (330) 497-9396 Phone (330) 497-0772

Chain of Custody Record

eurofins | Environment Testing

Client Information	Sampler: Elisabeth Webber	Lab PM: Kalis, Nicole A	Carrier Tracking No(s):	COC No: 240-124901-43556.6
Client Contact: Kain Lager-Lowe	Phone:	E-Mail: Nicole.Kalis@et.eurofinsus.com	State of Origin: OH	Page: ~~Page 6 of 12~~ 3
Company: August Mack Environmental, Inc.	PWSID:			Job #:
Address: 7830 North Central Drive, Suite B	Due Date Requested:			
City: Lewis Center	TAT Requested (days): 3 day TAT			
State, Zip: OH, 43035	Compliance Project: Δ Yes Δ No			
Phone: 740-548-1515(Tel)	PO #:			
Email: klagerlowe@augustmack.com	WO #:			
Project Name: MSC Canfield - Soil/Surface Water	Project #: DO NOT DELETE - 24033889			
Site:	SSOW#:			

Analysis Requested

Preservation Codes:
N - None
A - HCL
B - NaOH
D - HNO3
Other:

Sample Identification	Sample Date	Sample Time	Sample Type (C=Comp, G=grab)	Matrix (W=water, S=solid, O=waste/oil, BT=Tissue, A=Air)	Field Filtered Sample (Yes or No)	Perform MS/MSD (Yes or No)	8260D - VOCs	8270E - SVOCs	8082A - PCBs	6010D, 7471B - RCRA 8, Cu & Zn	9012B - Total Cyanide	7196A - Hexavalent Chromium	1677 - Free Cyanide	VOCs						Total Number of containers	Special Instructions/Note:
Preservation Code:							N	N	N	N	N	N	N									
SB-29-2.0	10-8-24	1520	G	Solid	N	N	X	X	X	X	X	X	X								6	
SB-34-0	10-8-24	1545	G	Solid	N	N	X	X	X	X	X	X	X								6	
SB-34-0.5	10-8-24	1550	G	Solid	N	N	X	X	X	X	X	X	X								6	
SB-34-2.0	10-8-24	1600	G	Solid	N	N	X	X	X	X	X	X	X								6	
TB-10-2024 1008	10-8-24	1705	G	~~W Solid~~	N	N								X							1	
TB-11-2024 1008	10-8-24	1705	G	~~W Solid~~	N	N								X							1	
TB-12-2024 1008	10-8-24	1710	G	~~W Solid~~	N	N								X							1	
SB-33-0	10-9-24	0910	G	Solid	N	Y	X	X	X	X	X	X	X								18	
SB-33-0.5	10-9-24	0920	G	Solid	N	N	X	X	X	X	X	X	X								6	
SB-33-2.0	10-9-24	0930	G	Solid	N	N	X	X	X	X	X	X	X								6	
DUP-11-2024 1009	10-9-24	—	G	Solid	N	N	X	X	X	X	X	X	X								6	

Possible Hazard Identification
☐ Non-Hazard ☐ Flammable ☐ Skin Irritant ☐ Poison B ☐ Unknown ☐ Radiological

Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)
☐ Return To Client ☐ Disposal By Lab ☐ Archive For _____ Months

Deliverable Requested: I, II, III, IV, Other (specify)

Special Instructions/QC Requirements:

Empty Kit Relinquished by:	Date:	Time:	Method of Shipment:

	Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company
1	[signature]	10/10/24 1515	AME	[signature]	10-10-24 1515	FedEx
2	Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company
3	Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company

Custody Seals Intact: Δ Yes Δ No | Custody Seal No.: | Cooler Temperature(s) °C and Other Remarks:

Eurofins Cleveland
180 S. Van Buren Avenue
Barberton, OH 44203
Phone (330) 497-9396 Phone (330) 497-0772

Chain of Custody Record

eurofins | Environment Testing

Client Information	Sampler: Elisabeth Webber	Lab PM: Kalis, Nicole A	Carrier Tracking No(s):	COC No: 240-124901-43556.8
Client Contact: Kain Lager-Lowe	Phone:	E-Mail: Nicole.Kalis@et.eurofinsus.com	State of Origin:	Page: ~~Page 8 of 12~~ 4
Company: August Mack Environmental, Inc.	PWSID:	Analysis Requested		Job #:
Address: 7830 North Central Drive, Suite B	Due Date Requested:			Preservation Codes: N - None; A - HCL; B - NaOH; D - HNO3
City: Lewis Center	TAT Requested (days): 3 day TAT			
State, Zip: OH, 43035	Compliance Project: Δ Yes Δ No			
Phone: 740-548-1515(Tel)	PO #:			
Email: klagerlowe@augustmack.com	WO #:			
Project Name: MSC Canfield - Soil/Surface Water	Project #: DO NOT DELETE - 24033889			Other:
Site:	SSOW#:			

Sample Identification	Sample Date	Sample Time	Sample Type (C=comp, G=grab)	Matrix (W=water, S=solid, O=waste/oil, BT=Tissue, A=Air)	Field Filtered Sample (Yes or No)	Perform MS/MSD (Yes or No)	8260D - VOCs	8270E - SVOCs	8082A - PCBs	6010D, 7471B - RCRA 8, Cu & Zn	9012B - Total Cyanide	7196A - Hexavalent Chromium	1677 - Free Cyanide						Total Number of containers	Special Instructions/Note:
Preservation Code:					X	X	N	N	N	N	N	N	N						X	
SB-32-0	10-9-24	0950	G	Solid	N	N	X	X	X	X	X	X	X						6	
SB-32-0.5	10-9-24	1000	G	Solid	N	N	X	X	X	X	X	X	X						6	
SB-32-2.0	10-9-24	1015	G	Solid	N	N	X	X	X	X	X	X	X						6	
SB-31-0	10-9-24	1055	G	Solid	N	N	X	X	X	X	X	X	X						6	
DUP-12-2024 1009	10-9-24	—	G	Solid	N	N	X	X	X	X	X	X	X						6	
SB-31-0.5	10-9-24	1105	G	Solid	N	N	X	X	X	X	X	X	X						6	
SB-31-2.0	10-9-24	1115	G	Solid	N	N	X	X	X	X	X	X	X						6	
SB-30-0	10-9-24	1230	G	Solid	N	Y	X	X	X	X	X	X	X						18	
SB-30-0.5	10-9-24	1245	G	Solid	N	N	X	X	X	X	X	X	X						6	
DUP-13-2024 1009	10-9-24	—	G	Solid	N	N	X	X	X	X	X	X	X						6	
SB-30-2.0	10-9-24	1305	G	Solid	N	N	X	X	X	X	X	X	X						6	

Possible Hazard Identification
☐ Non-Hazard ☐ Flammable ☐ Skin Irritant ☐ Poison B ☐ Unknown ☐ Radiological

Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)
☐ Return To Client ☐ Disposal By Lab ☐ Archive For _____ Months

Deliverable Requested: I, II, III, IV, Other (specify)

Special Instructions/QC Requirements:

Empty Kit Relinquished by:	Date:	Time:	Method of Shipment:

Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company
[signature]	10/10/24 1515	AME	[signature]	10-10-24 1515	Eurofins
Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company
Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company

Custody Seals Intact: Δ Yes Δ No	Custody Seal No.:	Cooler Temperature(s) °C and Other Remarks:

Eurofins Cleveland
180 S. Van Buren Avenue
Barberton, OH 44203
Phone (330) 497-9396 Phone (330) 497-0772

Chain of Custody Record

eurofins | Environment Testing

Client Information	Sampler: Elizabeth Webber	Lab PM: Kalis, Nicole A	Carrier Tracking No(s):	COC No: 240-124901-43556.9
Client Contact: Kain Lager-Lowe	Phone:	E-Mail: Nicole.Kalis@et.eurofinsus.com	State of Origin:	Page: ~~Page 9 of 12~~ S
Company: August Mack Environmental, Inc.	PWSID:			Job #:
Address: 7830 North Central Drive, Suite B	Due Date Requested:			
City: Lewis Center	TAT Requested (days): 3 day TAT			
State, Zip: OH, 43035	Compliance Project: Δ Yes Δ No			
Phone: 740-548-1515(Tel)	PO #:			
Email: klagerlowe@augustmack.com	WO #:			
Project Name: MSC Canfield - Soil/Surface Water	Project #: DO NOT DELETE - 24033889			
Site:	SSOW#:			

Analysis Requested

Preservation Codes:
N - None
A - HCL
B - NaOH
D - HNO3
Other:

Sample Identification	Sample Date	Sample Time	Sample Type (C=Comp, G=grab)	Matrix (W=water, S=solid, O=waste/oil, BT=Tissue, A=Air)	Field Filtered Sample (Yes or No)	Perform MS/MSD (Yes or No)	8260D - VOCs	8270E - SVOCs	8082A - PCBs	6010D, 7471B - RCRA 8, Cu & Zn	9012B - Total Cyanide	7196A - Hexavalent Chromium	1677 - Free Cyanide	VOC's						Total Number of containers	Special Instructions/Note:
			Preservation Code:				N	N	N	N	N	N	N								
SB-36-0	10-9-24	1345	G	Solid	N	N	X	X	X	X	X	X	X								6	
SB-36-0.5	10-9-24	1355	G	Solid	N	N	X	X	X	X	X	X	X								6	
SB-36-2.0	10-9-24	1405	G	Solid	N	N	X	X	X	X	X	X	X								6	
SB-35-0	10-9-24	1430	G	Solid	N	N	X	X	X	X	X	X	X								6	
SB-35-0.5	10-9-24	1435	G	Solid	N	N	X	X	X	X	X	X	X								6	
SB-35-2.0	10-9-24	1445	G	Solid	N	N	X	X	X	X	X	X	X								6	
TB-13-2024 1009	10-9-24	1605	G	W Solid	N	N								X							1	
TB-14-2024 1009	10-9-24	1610	G	W Solid	N	N								X							1	
TB-15-2024 1009	10-9-24	1615	G	W Solid	N	N								X							1	
TB-16-2024 1009	10-9-24	1620	G	W Solid	N	N								X							1	
				Solid																		

Possible Hazard Identification
☐ Non-Hazard ☐ Flammable ☐ Skin Irritant ☐ Poison B ☐ Unknown ☐ Radiological

Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)
☐ Return To Client ☐ Disposal By Lab ☐ Archive For _____ Months

Deliverable Requested: I, II, III, IV, Other (specify)

Special Instructions/QC Requirements:

Empty Kit Relinquished by:	Date:	Time:	Method of Shipment:

Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company
[signature]	10/10/24 1515	AME	[signature]	10-10-24 1515	Eurofins
Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company
Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company

Custody Seals Intact: Δ Yes Δ No	Custody Seal No.:	Cooler Temperature(s) °C and Other Remarks:

Eurofins Cleveland
180 S. Van Buren Avenue
Barberton, OH 44203
Phone (330) 497-9396 Phone (330) 497-0772

Chain of Custody Record

eurofins | Environment Testing

Client Information	Sampler: Elisabeth Webber	Lab PM: Kalis, Nicole A	Carrier Tracking No(s):	COC No: 240-124901-43556.10
Client Contact: Kain Lager-Lowe	Phone:	E-Mail: Nicole.Kalis@et.eurofinsus.com	State of Origin:	Page: ~~Page 10 of 12~~ 4 EW 10-09-24 6
Company: August Mack Environmental, Inc.	PWSID:			Job #:
Address: 7830 North Central Drive, Suite B	Due Date Requested:			
City: Lewis Center	TAT Requested (days): 3 day TAT			
State, Zip: OH, 43035	Compliance Project: Δ Yes Δ No			
Phone: 740-548-1515(Tel)	PO #:			
Email: klagerlowe@augustmack.com	WO #:			
Project Name: MSC Canfield - Soil/Surface Water	Project #: DO NOT DELETE - 24033889			
Site:	SSOW#:			

Analysis Requested

Preservation Codes:
N - None
A - HCL
B - NaOH
D - HNO3

Other:

Sample Identification	Sample Date	Sample Time	Sample Type (C=Comp, G=grab)	Matrix (W=water, S=solid, O=waste/oil, BT=Tissue, A=Air)	Field Filtered Sample (Yes or No)	Perform MS/MSD (Yes or No)	8260D - VOCs	8270E - SVOCs	8082A - PCBs	6010D, 7471B - RCRA 8, Cu & Zn	9012B - Total Cyanide	7196A - Hexavalent Chromium Total	1677 - Free Cyanide							Total Number of containers	Special Instructions/Note:
			Preservation Code:		X	X	N	N	N	N	N	N	N							X	
EB-2-2024 1010	10-10-24	1225	G	~~W~~ Solid	N	N	X	X	X	X	X	X	X							11	
RB-2-2024 1010	10-10-24	1148	G	W	N	N	X	X	X	X	X	X	X							11	

Possible Hazard Identification
☐ Non-Hazard ☐ Flammable ☐ Skin Irritant ☐ Poison B ☐ Unknown ☐ Radiological

Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)
☐ Return To Client ☐ Disposal By Lab ☐ Archive For _____ Months

Deliverable Requested: I, II, III, IV, Other (specify)

Special Instructions/QC Requirements:

Empty Kit Relinquished by:	Date:	Time:	Method of Shipment:

Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company
[signature]	10/10/24 1515	AME	[signature]	10-10-24 1515	EKO
Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company
Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company

Custody Seals Intact: Δ Yes Δ No | Custody Seal No.: | Cooler Temperature(s) °C and Other Remarks:

Eurofins – Cleveland Sample Receipt Form/Narrative **Login # : 212801**
Barberton Facility

Client August Mack Site Name MSC Canfield Cooler unpacked by: NAK | AM

Cooler Received on 10/10/24 Opened on 10/10/24

FedEx. 1st Grd Exp UPS FAS Waypoint Client Drop Off Eurofins Courier Other

Receipt After-hours Drop-off Date/Time Storage Location

Eurofins Cooler # EC ~~Foam~~ Box Client Cooler Box Other

Packing material used: Bubble Wrap Foam Plastic Bag None Other

COOLANT Wet Ice ~~Blue Ice~~ Dry Ice Water None

1 Cooler temperature upon receipt ☑ See Multiple Cooler Form

IR GUN # 24 (CF 0.0 °C) Observed Cooler Temp. _____ °C Corrected Cooler Temp _____ °C

2. Were tamper/custody seals on the outside of the cooler(s)? If Yes Quantity _____	Yes (No)	
-Were the seals on the outside of the cooler(s) signed & dated?	Yes No (NA)	
-Were tamper/custody seals on the bottle(s) or bottle kits (LLHg/MeHg)?	Yes (No)	
-Were tamper/custody seals intact and uncompromised?	Yes No (NA)	
3 Shippers' packing slip attached to the cooler(s)?	Yes (No)	
4. Did custody papers accompany the sample(s)?	(Yes) No	
5 Were the custody papers relinquished & signed in the appropriate place?	(Yes) No	
6 Was/were the person(s) who collected the samples clearly identified on the COC?	(Yes) No	
7 Did all bottles arrive in good condition (Unbroken)?	(Yes) No	
8 Could all bottle labels (ID/Date/Time) be reconciled with the COC?	(Yes) No	
9 For each sample, does the COC specify preservatives (Y/N), # of containers (Y/N), and sample type of grab/comp (Y/N)?		
10 Were correct bottle(s) used for the test(s) indicated?	(Yes) No	
11 Sufficient quantity received to perform indicated analyses?	(Yes) No	
12 Are these work share samples and all listed on the COC?	Yes (No)	
If yes, Questions 13-17 have been checked at the originating laboratory		
13 Were all preserved sample(s) at the correct pH upon receipt?	(Yes) No NA	pH Strip Lot# HC447997
14 Were VOAs on the COC?	(Yes) No	
15 Were air bubbles >6 mm in any VOA vials? ● ← Larger than this.	Yes (No) NA	
16 Was a VOA trip blank present in the cooler(s)? Trip Blank Lot # Covered	(Yes) No	
17 Was a LL Hg or Me Hg trip blank present? _____	Yes (No)	

Tests that are not checked for pH by Receiving:
VOAs
Oil and Grease
TOC

Contacted PM _____ Date _____ by _____ via Verbal Voice Mail Other

Concerning _____

18. CHAIN OF CUSTODY & SAMPLE DISCREPANCIES ☐ additional next page | Samples processed by:

_____

_____

_____

_____

19. SAMPLE CONDITION

Sample(s) _____ were received after the recommended holding time had expired.

Sample(s) _____ were received in a broken container

Sample(s) _____ were received with bubble >6 mm in diameter (Notify PM)

20. SAMPLE PRESERVATION

Sample(s) _____ were further preserved in the laboratory

Time preserved. _____ Preservative(s) added/Lot number(s). _____

VOA Sample Preservation - Date/Time VOAs Frozen. _____

Login # : 212801

Eurofins - Cleveland Sample Receipt Multiple Cooler Form

Cooler Description (Circle)	IR Gun # (Circle)	Observed Temp °C	Corrected Temp °C	Coolant (Circle)
(EC) Client Box Other	IR GUN #: 24	7.8	7.8	(Wet Ice) Blue Ice Dry Ice Water None
(EC) Client Box Other	IR GUN #: 7	23.5	23.5	(Wet Ice) Blue Ice Dry Ice Water None
(EC) Client Box Other	IR GUN #: 4	10.1	10.1	(Wet Ice) Blue Ice Dry Ice Water None
(EC) Client Box Other	IR GUN #: 5	10.9	10.9	(Wet Ice) Blue Ice Dry Ice Water None
(EC) Client Box Other	IR GUN #: 6	5.7	5.7	(Wet Ice) Blue Ice Dry Ice Water None
(EC) Client Box Other	IR GUN #: 3	6.1	6.1	(Wet Ice) Blue Ice Dry Ice Water None
(EC) Client Box Other	IR GUN #: 2	7.2	7.2	(Wet Ice) Blue Ice Dry Ice Water None
EC Client Box Other	IR GUN #:			(Wet Ice) Blue Ice Dry Ice Water None
EC Client Box Other	IR GUN #:			Wet Ice

10/11/2024

Login Container Summary Report

240-212801

10/16/2024

Temperature readings _____

Client Sample ID	Lab ID	Container Type	Container pH	Container Temp	Preservation Added	Preservation Lot Number
SB-23-0	240-212801-A-1	SnapCap 1/2 ounce unpreserved				
SB-23-0	240-212801-B-1	Soil jar 2oz - clear glass				
SB-23-0	240-212801-C-1	Soil jar 4oz - clear glass				
SB-23-0	240-212801-D-1	Soil jar 4oz - clear glass				
SB-23-0	240-212801-E-1	Soil jar 4oz - clear glass				
SB-23-0	240-212801-F-1	Soil jar 4oz - clear glass				
SB-23-0	240-212801-G-1	Soil jar 4oz - clear glass				
SB-23-0 5	240-212801-A-2	SnapCap 1/2 ounce unpreserved				
SB-23-0.5	240-212801-B-2	Soil jar 2oz - clear glass				
SB-23-0.5	240-212801-C-2	Soil jar 4oz - clear glass				
SB-23-0 5	240-212801-D-2	Soil jar 4oz - clear glass				
SB-23-0 5	240-212801-E-2	Soil jar 4oz - clear glass				
SB-23-0 5	240-212801-F-2	Soil jar 4oz - clear glass				
SB-23-0.5	240-212801-G-2	Soil jar 4oz - clear glass				
SB-23-2 0	240-212801-A-3	SnapCap 1/2 ounce unpreserved				
SB-23-2 0	240-212801-B-3	Soil jar 2oz - clear glass				
SB-23-2 0	240-212801-C-3	Soil jar 4oz - clear glass				
SB-23-2 0	240-212801-D-3	Soil jar 4oz - clear glass				
SB-23-2 0	240-212801-E-3	Soil jar 4oz - clear glass				
SB-23-2 0	240-212801-F-3	Soil jar 4oz - clear glass				
SB-23-2 0	240-212801-G-3	Soil jar 4oz - clear glass				
DUP-9-2024 1008	240-212801-A-4	SnapCap 1/2 ounce unpreserved				
DUP-9-2024 1008	240-212801-B-4	Soil jar 2oz - clear glass				
DUP-9-2024 1008	240-212801-C-4	Soil jar 4oz - clear glass				
DUP-9-2024 1008	240-212801-D-4	Soil jar 4oz - clear glass				
DUP-9-2024 1008	240-212801-E-4	Soil jar 4oz - clear glass				
DUP-9-2024 1008	240-212801-F-4	Soil jar 4oz - clear glass				
DUP-9-2024 1008	240-212801-G-4	Soil jar 4oz - clear glass				
SB-24-0	240-212801-A-5	SnapCap 1/2 ounce unpreserved				
SB-24-0	240-212801-B-5	Soil jar 2oz - clear glass				
SB-24-0	240-212801-C-5	Soil jar 4oz - clear glass				
SB-24-0	240-212801-D-5	Soil jar 4oz - clear glass				
SB-24-0	240-212801-E-5	Soil jar 4oz - clear glass				
SB-24-0	240-212801-F-5	Soil jar 4oz - clear glass				
SB-24-0	240-212801-G-5	Soil jar 4oz - clear glass				

Client Sample ID	Lab ID	Container Type	Container pH	Container Temp	Preservation Added	Preservation Lot Number
SB-24-0 5	240-212801-A-6	SnapCap 1/2 ounce unpreserved				
SB-24-0.5	240-212801-B-6	Soil jar 2oz - clear glass				
SB-24-0 5	240-212801-C-6	Soil jar 4oz - clear glass				
SB-24-0 5	240-212801-D-6	Soil jar 4oz - clear glass				
SB-24-0.5	240-212801-E-6	Soil jar 4oz - clear glass				
SB-24-0 5	240-212801-F-6	Soil jar 4oz - clear glass				
SB-24-0.5	240-212801-G-6	Soil jar 4oz - clear glass				
SB-24-2 0	240-212801-A-7	SnapCap 1/2 ounce unpreserved				
SB-24-2 0	240-212801-B-7	Soil jar 2oz - clear glass				
SB-24-2 0	240-212801-C-7	Soil jar 4oz - clear glass				
SB-24-2 0	240-212801-D-7	Soil jar 4oz - clear glass				
SB-24-2 0	240-212801-E-7	Soil jar 4oz - clear glass				
SB-24-2 0	240-212801-F-7	Soil jar 4oz - clear glass				
SB-24-2 0	240-212801-G-7	Soil jar 4oz - clear glass				
SB-25-0	240-212801-A-8	SnapCap 1/2 ounce unpreserved				
SB-25-0	240-212801-B-8	Soil jar 2oz - clear glass				
SB-25-0	240-212801-C-8	Soil jar 4oz - clear glass				
SB-25-0	240-212801-D-8	Soil jar 4oz - clear glass				
SB-25-0	240-212801-E-8	Soil jar 4oz - clear glass				
SB-25-0	240-212801-F-8	Soil jar 4oz - clear glass				
SB-25-0	240-212801-G-8	Soil jar 4oz - clear glass				
SB-25-0.5	240-212801-A-9	SnapCap 1/2 ounce unpreserved				
SB-25-0 5	240-212801-B-9	Soil jar 2oz - clear glass				
SB-25-0 5	240-212801-C-9	Soil jar 4oz - clear glass				
SB-25-0.5	240-212801-D-9	Soil jar 4oz - clear glass				
SB-25-0.5	240-212801-E-9	Soil jar 4oz - clear glass				
SB-25-0 5	240-212801-F-9	Soil jar 4oz - clear glass				
SB-25-0 5	240-212801-G-9	Soil jar 4oz - clear glass				
SB-25-2 0	240-212801-A-10	SnapCap 1/2 ounce unpreserved				
SB-25-2 0	240-212801-B-10	Soil jar 2oz - clear glass				
SB-25-2 0	240-212801-C-10	Soil jar 4oz - clear glass				
SB-25-2 0	240-212801-D-10	Soil jar 4oz - clear glass				
SB-25-2 0	240-212801-E-10	Soil jar 4oz - clear glass				
SB-25-2 0	240-212801-F-10	Soil jar 4oz - clear glass				
SB-25-2 0	240-212801-G-10	Soil jar 4oz - clear glass				
SB-26-2 0	240-212801-A-11	SnapCap 1/2 ounce unpreserved				
SB-26-2 0	240-212801-B-11	Soil jar 2oz - clear glass				
SB-26-2 0	240-212801-C-11	Soil jar 4oz - clear glass				

Client Sample ID	Lab ID	Container Type	Container pH	Container Temp	Preservation Added	Preservation Lot Number
SB-26-2 0	240-212801-D-11	Soil jar 4oz - clear glass				
SB-26-2 0	240-212801-E-11	Soil jar 4oz - clear glass				
SB-26-2 0	240-212801-F-11	Soil jar 4oz - clear glass				
SB-26-2 0	240-212801-G-11	Soil jar 4oz - clear glass				
SB-26-0	240-212801-A-12	SnapCap 1/2 ounce unpreserved				
SB-26-0	240-212801-B-12	Soil jar 2oz - clear glass				
SB-26-0	240-212801-C-12	Soil jar 4oz - clear glass				
SB-26-0	240-212801-D-12	Soil jar 4oz - clear glass				
SB-26-0	240-212801-E-12	Soil jar 4oz - clear glass				
SB-26-0	240-212801-F-12	Soil jar 4oz - clear glass				
SB-26-0	240-212801-G-12	Soil jar 4oz - clear glass				
SB-26-0.5	240-212801-A-13	SnapCap 1/2 ounce unpreserved				
SB-26-0 5	240-212801-B-13	Soil jar 2oz - clear glass				
SB-26-0 5	240-212801-C-13	Soil jar 4oz - clear glass				
SB-26-0.5	240-212801-D-13	Soil jar 4oz - clear glass				
SB-26-0 5	240-212801-E-13	Soil jar 4oz - clear glass				
SB-26-0 5	240-212801-F-13	Soil jar 4oz - clear glass				
SB-26-0.5	240-212801-G-13	Soil jar 4oz - clear glass				
SB-27-0	240-212801-A-14	SnapCap 1/2 ounce unpreserved				
SB-27-0	240-212801-A-14 DU	SnapCap 1/2 ounce unpreserved				
SB-27-0	240-212801-A-14 MS	Soil jar 2oz - clear glass				
SB-27-0	240-212801-A-14 MSD	Soil jar 2oz - clear glass				
SB-27-0	240-212801-A-14 MSI	Soil jar 4oz - clear glass				
SB-27-0	240-212801-A-14 MSS	Soil jar 4oz - clear glass				
SB-27-0	240-212801-B-14	Soil jar 2oz - clear glass				
SB-27-0	240-212801-B-14 MS	Soil jar 4oz - clear glass				
SB-27-0	240-212801-B-14 MSD	Soil jar 4oz - clear glass				
SB-27-0	240-212801-C-14	Soil jar 4oz - clear glass				
SB-27-0	240-212801-C-14 MS	Soil jar 4oz - clear glass				
SB-27-0	240-212801-C-14 MSD	Soil jar 4oz - clear glass				
SB-27-0	240-212801-D-14	Soil jar 4oz - clear glass				
SB-27-0	240-212801-D-14 MS	Soil jar 4oz - clear glass				
SB-27-0	240-212801-D-14 MSD	Soil jar 4oz - clear glass				
SB-27-0	240-212801-E-14	Soil jar 4oz - clear glass				

Client Sample ID	Lab ID	Container Type	Container pH	Container Temp	Preservation Added	Preservation Lot Number
SB-27-0	240-212801-E-14 MS	Soil jar 4oz - clear glass				
SB-27-0	240-212801-E-14 MSD	Soil jar 4oz - clear glass				
SB-27-0	240-212801-F-14	Soil jar 4oz - clear glass				
SB-27-0	240-212801-G-14	Soil jar 4oz - clear glass				
SB-27-0.5	240-212801-A-15	SnapCap 1/2 ounce unpreserved				
SB-27-0 5	240-212801-B-15	Soil jar 2oz - clear glass				
SB-27-0.5	240-212801-C-15	Soil jar 4oz - clear glass				
SB-27-0 5	240-212801-D-15	Soil jar 4oz - clear glass				
SB-27-0.5	240-212801-E-15	Soil jar 4oz - clear glass				
SB-27-0 5	240-212801-F-15	Soil jar 4oz - clear glass				
SB-27-0 5	240-212801-G-15	Soil jar 4oz - clear glass				
SB-27-2 0	240-212801-A-16	SnapCap 1/2 ounce unpreserved				
SB-27-2 0	240-212801-B-16	Soil jar 2oz - clear glass				
SB-27-2 0	240-212801-C-16	Soil jar 4oz - clear glass				
SB-27-2 0	240-212801-D-16	Soil jar 4oz - clear glass				
SB-27-2 0	240-212801-E-16	Soil jar 4oz - clear glass				
SB-27-2 0	240-212801-F-16	Soil jar 4oz - clear glass				
SB-27-2 0	240-212801-G-16	Soil jar 4oz - clear glass				
SB-28-0	240-212801-A-17	SnapCap 1/2 ounce unpreserved				
SB-28-0	240-212801-B-17	Soil jar 2oz - clear glass				
SB-28-0	240-212801-C-17	Soil jar 4oz - clear glass				
SB-28-0	240-212801-D-17	Soil jar 4oz - clear glass				
SB-28-0	240-212801-E-17	Soil jar 4oz - clear glass				
SB-28-0	240-212801-F-17	Soil jar 4oz - clear glass				
SB-28-0	240-212801-G-17	Soil jar 4oz - clear glass				
DUP-10-20241008	240-212801-A-18	SnapCap 1/2 ounce unpreserved				
DUP-10-20241008	240-212801-B-18	Soil jar 2oz - clear glass				
DUP-10-20241008	240-212801-C-18	Soil jar 4oz - clear glass				
DUP-10-20241008	240-212801-D-18	Soil jar 4oz - clear glass				
DUP-10-20241008	240-212801-E-18	Soil jar 4oz - clear glass				
DUP-10-20241008	240-212801-F-18	Soil jar 4oz - clear glass				
DUP-10-20241008	240-212801-G-18	Soil jar 4oz - clear glass				
SB-28-0 5	240-212801-A-19	SnapCap 1/2 ounce unpreserved				
SB-28-0 5	240-212801-B-19	Soil jar 2oz - clear glass				
SB-28-0 5	240-212801-C-19	Soil jar 4oz - clear glass				
SB-28-0.5	240-212801-D-19	Soil jar 4oz - clear glass				
SB-28-0.5	240-212801-E-19	Soil jar 4oz - clear glass				

Client Sample ID	Lab ID	Container Type	Container pH	Container Temp	Preservation Added	Preservation Lot Number
SB-28-0 5	240-212801-F-19	Soil jar 4oz - clear glass				
SB-28-0.5	240-212801-G-19	Soil jar 4oz - clear glass				
SB-28-2.0	240-212801-A-20	SnapCap 1/2 ounce unpreserved				
SB-28-2 0	240-212801-B-20	Soil jar 2oz - clear glass				
SB-28-2 0	240-212801-C-20	Soil jar 4oz - clear glass				
SB-28-2 0	240-212801-D-20	Soil jar 4oz - clear glass				
SB-28-2 0	240-212801-E-20	Soil jar 4oz - clear glass				
SB-28-2 0	240-212801-F-20	Soil jar 4oz - clear glass				
SB-28-2 0	240-212801-G-20	Soil jar 4oz - clear glass				
SB-29-0	240-212801-A-21	SnapCap 1/2 ounce unpreserved				
SB-29-0	240-212801-B-21	Soil jar 2oz - clear glass				
SB-29-0	240-212801-C-21	Soil jar 4oz - clear glass				
SB-29-0	240-212801-D-21	Soil jar 4oz - clear glass				
SB-29-0	240-212801-E-21	Soil jar 4oz - clear glass				
SB-29-0	240-212801-F-21	Soil jar 4oz - clear glass				
SB-29-0	240-212801-G-21	Soil jar 4oz - clear glass				
SB-29-0 5	240-212801-A-22	SnapCap 1/2 ounce unpreserved				
SB-29-0 5	240-212801-B-22	Soil jar 2oz - clear glass				
SB-29-0 5	240-212801-C-22	Soil jar 4oz - clear glass				
SB-29-0.5	240-212801-D-22	Soil jar 4oz - clear glass				
SB-29-0 5	240-212801-E-22	Soil jar 4oz - clear glass				
SB-29-0 5	240-212801-F-22	Soil jar 4oz - clear glass				
SB-29-0 5	240-212801-G-22	Soil jar 4oz - clear glass				
SB-29-2 0	240-212801-A-23	SnapCap 1/2 ounce unpreserved				
SB-29-2 0	240-212801-B-23	Soil jar 2oz - clear glass				
SB-29-2.0	240-212801-C-23	Soil jar 4oz - clear glass				
SB-29-2 0	240-212801-D-23	Soil jar 4oz - clear glass				
SB-29-2 0	240-212801-E-23	Soil jar 4oz - clear glass				
SB-29-2.0	240-212801-F-23	Soil jar 4oz - clear glass				
SB-29-2 0	240-212801-G-23	Soil jar 4oz - clear glass				
SB-34-0	240-212801-A-24	SnapCap 1/2 ounce unpreserved				
SB-34-0	240-212801-B-24	Soil jar 2oz - clear glass				
SB-34-0	240-212801-C-24	Soil jar 4oz - clear glass				
SB-34-0	240-212801-D-24	Soil jar 4oz - clear glass				
SB-34-0	240-212801-E-24	Soil jar 4oz - clear glass				
SB-34-0	240-212801-F-24	Soil jar 4oz - clear glass				
SB-34-0	240-212801-G-24	Soil jar 4oz - clear glass				
SB-34-0 5	240-212801-A-25	SnapCap 1/2 ounce unpreserved				

Client Sample ID	Lab ID	Container Type	Container pH	Container Temp	Preservation Added	Preservation Lot Number
SB-34-0 5	240-212801-B-25	Soil jar 2oz - clear glass				
SB-34-0.5	240-212801-C-25	Soil jar 4oz - clear glass				
SB-34-0 5	240-212801-D-25	Soil jar 4oz - clear glass				
SB-34-0 5	240-212801-E-25	Soil jar 4oz - clear glass				
SB-34-0 5	240-212801-F-25	Soil jar 4oz - clear glass				
SB-34-0.5	240-212801-G-25	Soil jar 4oz - clear glass				
SB-34-2 0	240-212801-A-26	SnapCap 1/2 ounce unpreserved				
SB-34-2 0	240-212801-B-26	Soil jar 2oz - clear glass				
SB-34-2 0	240-212801-C-26	Soil jar 4oz - clear glass				
SB-34-2 0	240-212801-D-26	Soil jar 4oz - clear glass				
SB-34-2 0	240-212801-E-26	Soil jar 4oz - clear glass				
SB-34-2 0	240-212801-F-26	Soil jar 4oz - clear glass				
SB-34-2 0	240-212801-G-26	Soil jar 4oz - clear glass				
TB-10-20241008	240-212801-A-27	Voa Vial 40ml - Hydrochloric Acid				
TB-11-20241008	240-212801-A-28	Voa Vial 40ml - Hydrochloric Acid				
TB-12-20241008	240-212801-A-29	Voa Vial 40ml - Hydrochloric Acid				
SB-33-0	240-212801-A-30	SnapCap 1/2 ounce unpreserved				
SB-33-0	240-212801-A-30 DU	SnapCap 1/2 ounce unpreserved				
SB-33-0	240-212801-A-30 MS	Soil jar 2oz - clear glass				
SB-33-0	240-212801-A-30 MSD	Soil jar 2oz - clear glass				
SB-33-0	240-212801-A-30 MSI	Soil jar 4oz - clear glass				
SB-33-0	240-212801-A-30 MSS	Soil jar 4oz - clear glass				
SB-33-0	240-212801-B-30	Soil jar 2oz - clear glass				
SB-33-0	240-212801-B-30 MS	Soil jar 4oz - clear glass				
SB-33-0	240-212801-B-30 MSD	Soil jar 4oz - clear glass				
SB-33-0	240-212801-C-30	Soil jar 4oz - clear glass				
SB-33-0	240-212801-C-30 MS	Soil jar 4oz - clear glass				
SB-33-0	240-212801-C-30 MSD	Soil jar 4oz - clear glass				
SB-33-0	240-212801-D-30	Soil jar 4oz - clear glass				
SB-33-0	240-212801-D-30 MS	Soil jar 4oz - clear glass				
SB-33-0	240-212801-D-30 MSD	Soil jar 4oz - clear glass				
SB-33-0	240-212801-E-30	Soil jar 4oz - clear glass				
SB-33-0	240-212801-E-30 MS	Soil jar 4oz - clear glass				

Client Sample ID	Lab ID	Container Type	Container pH	Container Temp	Preservation Added	Preservation Lot Number
SB-33-0	240-212801-E-30 MSD	Soil jar 4oz - clear glass				
SB-33-0	240-212801-F-30	Soil jar 4oz - clear glass				
SB-33-0	240-212801-F-30 MS	Soil jar 4oz - clear glass				
SB-33-0	240-212801-F-30 MSD	Soil jar 4oz - clear glass				
SB-33-0	240-212801-G-30	Soil jar 4oz - clear glass				
SB-33-0 5	240-212801-A-31	SnapCap 1/2 ounce unpreserved				
SB-33-0.5	240-212801-B-31	Soil jar 2oz - clear glass				
SB-33-0.5	240-212801-C-31	Soil jar 4oz - clear glass				
SB-33-0.5	240-212801-D-31	Soil jar 4oz - clear glass				
SB-33-0.5	240-212801-E-31	Soil jar 4oz - clear glass				
SB-33-0 5	240-212801-F-31	Soil jar 4oz - clear glass				
SB-33-0 5	240-212801-G-31	Soil jar 4oz - clear glass				
SB-33-2 0	240-212801-A-32	SnapCap 1/2 ounce unpreserved				
SB-33-2.0	240-212801-B-32	Soil jar 2oz - clear glass				
SB-33-2 0	240-212801-C-32	Soil jar 4oz - clear glass				
SB-33-2 0	240-212801-D-32	Soil jar 4oz - clear glass				
SB-33-2 0	240-212801-E-32	Soil jar 4oz - clear glass				
SB-33-2 0	240-212801-F-32	Soil jar 4oz - clear glass				
SB-33-2 0	240-212801-G-32	Soil jar 4oz - clear glass				
DUP-11-20241009	240-212801-A-33	SnapCap 1/2 ounce unpreserved				
DUP-11-20241009	240-212801-B-33	Soil jar 2oz - clear glass				
DUP-11-20241009	240-212801-C-33	Soil jar 4oz - clear glass				
DUP-11-20241009	240-212801-D-33	Soil jar 4oz - clear glass				
DUP-11-20241009	240-212801-E-33	Soil jar 4oz - clear glass				
DUP-11-20241009	240-212801-F-33	Soil jar 4oz - clear glass				
DUP-11-20241009	240-212801-G-33	Soil jar 4oz - clear glass				
SB-32-0	240-212801-A-34	SnapCap 1/2 ounce unpreserved				
SB-32-0	240-212801-B-34	Soil jar 2oz - clear glass				
SB-32-0	240-212801-C-34	Soil jar 4oz - clear glass				
SB-32-0	240-212801-D-34	Soil jar 4oz - clear glass				
SB-32-0	240-212801-E-34	Soil jar 4oz - clear glass				
SB-32-0	240-212801-F-34	Soil jar 4oz - clear glass				
SB-32-0	240-212801-G-34	Soil jar 4oz - clear glass				
SB-32-0.5	240-212801-A-35	SnapCap 1/2 ounce unpreserved				
SB-32-0 5	240-212801-B-35	Soil jar 2oz - clear glass				
SB-32-0 5	240-212801-C-35	Soil jar 4oz - clear glass				
SB-32-0 5	240-212801-D-35	Soil jar 4oz - clear glass				

Client Sample ID	Lab ID	Container Type	Container pH	Container Temp	Preservation Added	Preservation Lot Number
SB-32-0.5	240-212801-E-35	Soil jar 4oz - clear glass				
SB-32-0.5	240-212801-F-35	Soil jar 4oz - clear glass				
SB-32-0 5	240-212801-G-35	Soil jar 4oz - clear glass				
SB-32-2 0	240-212801-A-36	SnapCap 1/2 ounce unpreserved				
SB-32-2 0	240-212801-B-36	Soil jar 2oz - clear glass				
SB-32-2.0	240-212801-C-36	Soil jar 4oz - clear glass				
SB-32-2 0	240-212801-D-36	Soil jar 4oz - clear glass				
SB-32-2 0	240-212801-E-36	Soil jar 4oz - clear glass				
SB-32-2 0	240-212801-F-36	Soil jar 4oz - clear glass				
SB-32-2 0	240-212801-G-36	Soil jar 4oz - clear glass				
SB-31-0	240-212801-A-37	SnapCap 1/2 ounce unpreserved				
SB-31-0	240-212801-B-37	Soil jar 2oz - clear glass				
SB-31-0	240-212801-C-37	Soil jar 4oz - clear glass				
SB-31-0	240-212801-D-37	Soil jar 4oz - clear glass				
SB-31-0	240-212801-E-37	Soil jar 4oz - clear glass				
SB-31-0	240-212801-F-37	Soil jar 4oz - clear glass				
SB-31-0	240-212801-G-37	Soil jar 4oz - clear glass				
DUP-12-20241009	240-212801-A-38	SnapCap 1/2 ounce unpreserved				
DUP-12-20241009	240-212801-B-38	Soil jar 2oz - clear glass				
DUP-12-20241009	240-212801-C-38	Soil jar 4oz - clear glass				
DUP-12-20241009	240-212801-D-38	Soil jar 4oz - clear glass				
DUP-12-20241009	240-212801-E-38	Soil jar 4oz - clear glass				
DUP-12-20241009	240-212801-F-38	Soil jar 4oz - clear glass				
DUP-12-20241009	240-212801-G-38	Soil jar 4oz - clear glass				
SB-31-0.5	240-212801-A-39	SnapCap 1/2 ounce unpreserved				
SB-31-0.5	240-212801-B-39	Soil jar 2oz - clear glass				
SB-31-0.5	240-212801-C-39	Soil jar 4oz - clear glass				
SB-31-0.5	240-212801-D-39	Soil jar 4oz - clear glass				
SB-31-0 5	240-212801-E-39	Soil jar 4oz - clear glass				
SB-31-0 5	240-212801-F-39	Soil jar 4oz - clear glass				
SB-31-0.5	240-212801-G-39	Soil jar 4oz - clear glass				
SB-31-2 0	240-212801-A-40	SnapCap 1/2 ounce unpreserved				
SB-31-2 0	240-212801-B-40	Soil jar 2oz - clear glass				
SB-31-2 0	240-212801-C-40	Soil jar 4oz - clear glass				
SB-31-2.0	240-212801-D-40	Soil jar 4oz - clear glass				
SB-31-2 0	240-212801-E-40	Soil jar 4oz - clear glass				
SB-31-2 0	240-212801-F-40	Soil jar 4oz - clear glass				
SB-31-2 0	240-212801-G-40	Soil jar 4oz - clear glass				

Client Sample ID	Lab ID	Container Type	Container pH	Container Temp	Preservation Added	Preservation Lot Number
SB-30-0	240-212801-A-41	SnapCap 1/2 ounce unpreserved				
SB-30-0	240-212801-A-41 DU	SnapCap 1/2 ounce unpreserved				
SB-30-0	240-212801-A-41 MS	Soil jar 2oz - clear glass				
SB-30-0	240-212801-A-41 MSD	Soil jar 2oz - clear glass				
SB-30-0	240-212801-A-41 MSI	Soil jar 4oz - clear glass				
SB-30-0	240-212801-A-41 MSS	Soil jar 4oz - clear glass				
SB-30-0	240-212801-B-41	Soil jar 2oz - clear glass				
SB-30-0	240-212801-B-41 MS	Soil jar 4oz - clear glass				
SB-30-0	240-212801-B-41 MSD	Soil jar 4oz - clear glass				
SB-30-0	240-212801-C-41	Soil jar 4oz - clear glass				
SB-30-0	240-212801-C-41 MS	Soil jar 4oz - clear glass				
SB-30-0	240-212801-C-41 MSD	Soil jar 4oz - clear glass				
SB-30-0	240-212801-D-41	Soil jar 4oz - clear glass				
SB-30-0	240-212801-D-41 MS	Soil jar 4oz - clear glass				
SB-30-0	240-212801-D-41 MSD	Soil jar 4oz - clear glass				
SB-30-0	240-212801-E-41	Soil jar 4oz - clear glass				
SB-30-0	240-212801-E-41 MS	Soil jar 4oz - clear glass				
SB-30-0	240-212801-E-41 MSD	Soil jar 4oz - clear glass				
SB-30-0	240-212801-F-41	Soil jar 4oz - clear glass				
SB-30-0	240-212801-F-41 MS	Soil jar 4oz - clear glass				
SB-30-0	240-212801-F-41 MSD	Soil jar 4oz - clear glass				
SB-30-0	240-212801-G-41	Soil jar 4oz - clear glass				
SB-30-0.5	240-212801-A-42	SnapCap 1/2 ounce unpreserved				
SB-30-0.5	240-212801-B-42	Soil jar 2oz - clear glass				
SB-30-0 5	240-212801-C-42	Soil jar 4oz - clear glass				
SB-30-0 5	240-212801-D-42	Soil jar 4oz - clear glass				
SB-30-0 5	240-212801-E-42	Soil jar 4oz - clear glass				
SB-30-0 5	240-212801-F-42	Soil jar 4oz - clear glass				
SB-30-0 5	240-212801-G-42	Soil jar 4oz - clear glass				
DUP-13-20241009	240-212801-A-43	SnapCap 1/2 ounce unpreserved				
DUP-13-20241009	240-212801-B-43	Soil jar 2oz - clear glass				
DUP-13-20241009	240-212801-C-43	Soil jar 4oz - clear glass				
DUP-13-20241009	240-212801-D-43	Soil jar 4oz - clear glass				

Client Sample ID	Lab ID	Container Type	Container pH	Container Temp	Preservation Added	Preservation Lot Number
DUP-13-20241009	240-212801-E-43	Soil jar 4oz - clear glass				
DUP-13-20241009	240-212801-F-43	Soil jar 4oz - clear glass				
DUP-13-20241009	240-212801-G-43	Soil jar 4oz - clear glass				
SB-30-2 0	240-212801-A-44	SnapCap 1/2 ounce unpreserved				
SB-30-2 0	240-212801-B-44	Soil jar 2oz - clear glass				
SB-30-2 0	240-212801-C-44	Soil jar 4oz - clear glass				
SB-30-2 0	240-212801-D-44	Soil jar 4oz - clear glass				
SB-30-2 0	240-212801-E-44	Soil jar 4oz - clear glass				
SB-30-2 0	240-212801-F-44	Soil jar 4oz - clear glass				
SB-30-2 0	240-212801-G-44	Soil jar 4oz - clear glass				
SB-36-0	240-212801-A-45	SnapCap 1/2 ounce unpreserved				
SB-36-0	240-212801-B-45	Soil jar 2oz - clear glass				
SB-36-0	240-212801-C-45	Soil jar 4oz - clear glass				
SB-36-0	240-212801-D-45	Soil jar 4oz - clear glass				
SB-36-0	240-212801-E-45	Soil jar 4oz - clear glass				
SB-36-0	240-212801-F-45	Soil jar 4oz - clear glass				
SB-36-0	240-212801-G-45	Soil jar 4oz - clear glass				
SB-36-0 5	240-212801-A-46	SnapCap 1/2 ounce unpreserved				
SB-36-0 5	240-212801-B-46	Soil jar 2oz - clear glass				
SB-36-0.5	240-212801-C-46	Soil jar 4oz - clear glass				
SB-36-0 5	240-212801-D-46	Soil jar 4oz - clear glass				
SB-36-0 5	240-212801-E-46	Soil jar 4oz - clear glass				
SB-36-0 5	240-212801-F-46	Soil jar 4oz - clear glass				
SB-36-0.5	240-212801-G-46	Soil jar 4oz - clear glass				
SB-36-2 0	240-212801-A-47	SnapCap 1/2 ounce unpreserved				
SB-36-2 0	240-212801-B-47	Soil jar 2oz - clear glass				
SB-36-2 0	240-212801-C-47	Soil jar 4oz - clear glass				
SB-36-2 0	240-212801-D-47	Soil jar 4oz - clear glass				
SB-36-2 0	240-212801-E-47	Soil jar 4oz - clear glass				
SB-36-2 0	240-212801-F-47	Soil jar 4oz - clear glass				
SB-36-2 0	240-212801-G-47	Soil jar 4oz - clear glass				
SB-35-0	240-212801-A-48	SnapCap 1/2 ounce unpreserved				
SB-35-0	240-212801-B-48	Soil jar 2oz - clear glass				
SB-35-0	240-212801-C-48	Soil jar 4oz - clear glass				
SB-35-0	240-212801-D-48	Soil jar 4oz - clear glass				
SB-35-0	240-212801-E-48	Soil jar 4oz - clear glass				
SB-35-0	240-212801-F-48	Soil jar 4oz - clear glass				
SB-35-0	240-212801-G-48	Soil jar 4oz - clear glass				

Client Sample ID	Lab ID	Container Type	Container pH	Container Temp	Preservation Added	Preservation Lot Number
SB-35-0 5	240-212801-A-49	SnapCap 1/2 ounce unpreserved				
SB-35-0 5	240-212801-B-49	Soil jar 2oz - clear glass				
SB-35-0 5	240-212801-C-49	Soil jar 4oz - clear glass				
SB-35-0 5	240-212801-D-49	Soil jar 4oz - clear glass				
SB-35-0.5	240-212801-E-49	Soil jar 4oz - clear glass				
SB-35-0 5	240-212801-F-49	Soil jar 4oz - clear glass				
SB-35-0 5	240-212801-G-49	Soil jar 4oz - clear glass				
SB-35-2 0	240-212801-A-50	SnapCap 1/2 ounce unpreserved				
SB-35-2 0	240-212801-B-50	Soil jar 2oz - clear glass				
SB-35-2.0	240-212801-C-50	Soil jar 4oz - clear glass				
SB-35-2 0	240-212801-D-50	Soil jar 4oz - clear glass				
SB-35-2 0	240-212801-E-50	Soil jar 4oz - clear glass				
SB-35-2 0	240-212801-F-50	Soil jar 4oz - clear glass				
SB-35-2 0	240-212801-G-50	Soil jar 4oz - clear glass				
TB-13-20241009	240-212801-A-51	Voa Vial 40ml - Hydrochloric Acid				
TB-14-20241009	240-212801-A-52	Voa Vial 40ml - Hydrochloric Acid				
TB-15-20241009	240-212801-A-53	Voa Vial 40ml - Hydrochloric Acid				
TB-16-20241009	240-212801-A-54	Voa Vial 40ml - Hydrochloric Acid				
EB-2-20241010	240-212801-A-55	Voa Vial 40ml - Hydrochloric Acid				
EB-2-20241010	240-212801-B-55	Voa Vial 40ml - Hydrochloric Acid				
EB-2-20241010	240-212801-C-55	Voa Vial 40ml - Hydrochloric Acid				
EB-2-20241010	240-212801-D-55	Plastic 250ml - with Sodium Hydroxide	>12			
EB-2-20241010	240-212801-E-55	Amber Glass 250ml - unpreserved				
EB-2-20241010	240-212801-F-55	Amber Glass 250ml - unpreserved				
EB-2-20241010	240-212801-G-55	Plastic 500ml - with Nitric Acid	<2			
EB-2-20241010	240-212801-H-55	Plastic 500ml - unpreserved				
EB-2-20241010	240-212801-I-55	Amber Glass 1 liter - unpreserved				
EB-2-20241010	240-212801-J-55	Amber Glass 1 liter - unpreserved				
EB-2-20241010	240-212801-L-55	Plastic 250ml - with Sodium Hydroxide				
RB-2-20241010	240-212801-A-56	Voa Vial 40ml - Hydrochloric Acid				
RB-2-20241010	240-212801-B-56	Voa Vial 40ml - Hydrochloric Acid				
RB-2-20241010	240-212801-C-56	Voa Vial 40ml - Hydrochloric Acid				
RB-2-20241010	240-212801-D-56	Plastic 250ml - with Sodium Hydroxide	>12			
RB-2-20241010	240-212801-E-56	Amber Glass 250ml - unpreserved				
RB-2-20241010	240-212801-F-56	Amber Glass 250ml - unpreserved				
RB-2-20241010	240-212801-G-56	Plastic 500ml - with Nitric Acid	<2			
RB-2-20241010	240-212801-H-56	Plastic 500ml - unpreserved				
RB-2-20241010	240-212801-I-56	Amber Glass 1 liter - unpreserved				

Client Sample ID	Lab ID	Container Type	Container pH	Container Temp	Preservation Added	Preservation Lot Number
RB-2-20241010	240-212801-J-56	Amber Glass 1 liter - unpreserved				
RB-2-20241010	240-212801-L-56	Plastic 250ml - with Sodium Hydroxide				

Eurofins Cleveland
180 S. Van Buren Avenue
Barberton, OH 44203
Phone: 330-497-9396 Fax: 330-497-0772

Chain of Custody Record

eurofins | Environment Testing

Client Information (Sub Contract Lab)	Sampler:	Lab PM: Kalis, Nicole A	Carrier Tracking No(s):	COC No: 240-191924.1
Client Contact: Shipping/Receiving	Phone:	E-Mail: Nicole.Kalis@et.eurofinsus.com	State of Origin: Ohio	Page: Page 1 of 7
Company: Eurofins Lancaster Laboratories Environm		Accreditations Required (See note):		Job #: 240-212801-1
Address: 2425 New Holland Pike, ,	Due Date Requested: 10/23/2024	Analysis Requested		Preservation Codes:
City: Lancaster	TAT Requested (days):			
State, Zip: PA, 17601				
Phone: 717-656-2300(Tel)	PO #:			
Email:	WO #:			
Project Name: MSC Canfield	Project #: 24033889			Other:
Site:	SSOW#:			

Sample Identification - Client ID (Lab ID)	Sample Date	Sample Time	Sample Type (C=comp, G=grab)	Matrix (W=water, S=solid, O=waste/oil, BT=Tissue, A=Air)	Field Filtered Sample (Yes or No)	Perform MS/MSD (Yes or No)	1677_Free/ASTM_LEACH_NP Cyanide, Free	7196A/3060A Chromium, Hexavalent	1677_Free/ Cyanide, Free	Total Number of containers	Special Instructions/Note:
			Preservation Code:								
SB-23-0 (240-212801-1)	10/8/24	09:45 Eastern	G	Solid			X	X		2	Use caution! Site contaminated with solvent waste
~~SB-23-0.5 (240-212801-2)~~	~~10/8/24~~	09:55 Eastern	G	~~Solid~~			X	X		2	Use caution! Site contaminated with solvent waste
SB-23-2.0 (240-212801-3)	10/8/24	10:10 Eastern	G	Solid			X	X		2	Use caution! Site contaminated with solvent waste
DUP-9-2024 1008 (240-212801-4)	10/8/24	Eastern	G	Solid			X	X		2	Use caution! Site contaminated with solvent waste
SB-24-0 (240-212801-5)	10/8/24	10:25 Eastern	G	Solid			X	X		2	Use caution! Site contaminated with solvent waste
SB-24-0.5 (240-212801-6)	10/8/24	10:35 Eastern	G	Solid			X	X		2	Use caution! Site contaminated with solvent waste
SB-24-2.0 (240-212801-7)	10/8/24	10:45 Eastern	G	Solid			X	X		2	Use caution! Site contaminated with solvent waste
SB-25-0 (240-212801-8)	10/8/24	11:35 Eastern	G	Solid			X	X		2	Use caution! Site contaminated with solvent waste
SB-25-0.5 (240-212801-9)	10/8/24	11:45 Eastern	G	Solid			X	X		2	Use caution! Site contaminated with solvent waste

Note: Since laboratory accreditations are subject to change, Eurofins Environment Testing North Central, LLC places the ownership of method, analyte & accreditation compliance upon our subcontract laboratories. This sample shipment is forwarded under chain-of-custody. If the laboratory does not currently maintain accreditation in the State of Origin listed above for analysis/tests/matrix being analyzed, the samples must be shipped back to the Eurofins Environment Testing North Central, LLC laboratory or other instructions will be provided. Any changes to accreditation status should be brought to Eurofins Environment Testing North Central, LLC attention immediately. If all requested accreditations are current to date, return the signed Chain of Custody attesting to said compliance to Eurofins Environment Testing North Central, LLC.

Possible Hazard Identification	Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)
Unconfirmed	☐ Return To Client ☐ Disposal By Lab ☐ Archive For _____ Months
Deliverable Requested: I, II, III, IV, Other (specify) Primary Deliverable Rank: 2	Special Instructions/QC Requirements:

Empty Kit Relinquished by:	Date:	Time:	Method of Shipment:

Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company
JESSICA RIGDON	10-10-24 1730	EETNC			
Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company
Relinquished by:	Date/Time:	Company	Received by:	Date/Time: 10/11/24 0945	Company

Custody Seals Intact: ∆ Yes ∆ No	Custody Seal No.:	Cooler Temperature(s) °C and Other Remarks: 2.3/2.0 3.0/2.7 2.8/2.5

Ver: 05/06/2024

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Chain of Custody Record

eurofins | Environment Testing

Client Information (Sub Contract Lab)	Sampler:	Lab PM: Kalis, Nicole A	Carrier Tracking No(s):	COC No: 240-191924.2
Client Contact: Shipping/Receiving	Phone:	E-Mail: Nicole.Kalis@et.eurofinsus.com	State of Origin: Ohio	Page: Page 2 of 7
Company: Eurofins Lancaster Laboratories Environm		Accreditations Required (See note):		Job #: 240-212801-1
Address: 2425 New Holland Pike,	Due Date Requested: 10/23/2024	Analysis Requested		Preservation Codes:
City: Lancaster	TAT Requested (days):			
State, Zip: PA, 17601				
Phone: 717-656-2300(Tel)	PO #:			
Email:	WO #:			
Project Name: MSC Canfield	Project #: 24033889			Other:
Site:	SSOW#:			

Sample Identification - Client ID (Lab ID)	Sample Date	Sample Time	Sample Type (C=comp, G=grab)	Matrix (W=water, S=solid, O=waste/oil, BT=Tissue, A=Air)	Field Filtered Sample (Yes or No)	Perform MS/MSD (Yes or No)	1677_Free/ASTM_LEACH_NP Cyanide, Free	7196A/3060A Chromium, Hexavalent	1677_Free/ Cyanide, Free	Total Number of containers	Special Instructions/Note:
			Preservation Code:								
SB-25-2.0 (240-212801-10)	10/8/24	12:00 Eastern	G	Solid			X	X		2	Use caution! Site contaminated with solvent waste
~~SB-26-2.0 (240-212801-11)~~	~~10/8/24~~	12:30 Eastern	G	Solid			X	X		2	Use caution! Site contaminated with solvent waste
SB-26-0 (240-212801-12)	10/8/24	12:05 Eastern	G	Solid			X	X		1	Use caution! Site contaminated with solvent waste
SB-26-0.5 (240-212801-13)	10/8/24	12:15 Eastern	G	Solid			X	X		2	Use caution! Site contaminated with solvent waste
SB-27-0 (240-212801-14)	10/8/24	12:50 Eastern	G	Solid			X	X		2	Use caution! Site contaminated with solvent waste
SB-27-0 (240-212801-14MS)	10/8/24	12:50 Eastern	G	Solid			X			1	Use caution! Site contaminated with solvent waste
SB-27-0 (240-212801-14MSD)	10/8/24	12:50 Eastern	G	Solid			X			1	Use caution! Site contaminated with solvent waste
SB-27-0 (240-212801-14MSI)	10/8/24	12:50 Eastern	G	Solid				X		1	Use caution! Site contaminated with solvent waste
SB-27-0 (240-212801-14MSS)	10/8/24	12:50 Eastern	G	Solid				X		1	Use caution! Site contaminated with solvent waste

Note: Since laboratory accreditations are subject to change, Eurofins Environment Testing North Central, LLC places the ownership of method, analyte & accreditation compliance upon our subcontract laboratories. This sample shipment is forwarded under chain-of-custody. If the laboratory does not currently maintain accreditation in the State of Origin listed above for analysis/tests/matrix being analyzed, the samples must be shipped back to the Eurofins Environment Testing North Central, LLC laboratory or other instructions will be provided. Any changes to accreditation status should be brought to Eurofins Environment Testing North Central, LLC attention immediately. If all requested accreditations are current to date, return the signed Chain of Custody attesting to said compliance to Eurofins Environment Testing North Central, LLC.

Possible Hazard Identification	*Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)*
Unconfirmed	☐ *Return To Client* ☐ *Disposal By Lab* ☐ *Archive For* _____ *Months*
Deliverable Requested: I, II, III, IV, Other (specify) Primary Deliverable Rank: 2	Special Instructions/QC Requirements:

Empty Kit Relinquished by:	Date:	Time:	Method of Shipment:

Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company
JESSICA RIGDON	10-10-24 1730	EETNC			
Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company
Relinquished by:	Date/Time	Company	Received by:	Date/Time: 10/11/24 0945	Company

Custody Seals Intact: ∆ Yes ∆ No	Custody Seal No.:	Cooler Temperature(s) °C and Other Remarks: 2.3/2.0 3.0/2.7 2.8/2.5

Ver: 05/06/2024

Eurofins Cleveland
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Barberton, OH 44203
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Chain of Custody Record

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Client Information (Sub Contract Lab)	Sampler:	Lab PM: Kalis, Nicole A	Carrier Tracking No(s):	COC No: 240-191924.3
Client Contact: Shipping/Receiving	Phone:	E-Mail: Nicole.Kalis@et.eurofinsus.com	State of Origin: Ohio	Page: Page 3 of 7
Company: Eurofins Lancaster Laboratories Environm		Accreditations Required (See note):		Job #: 240-212801-1
Address: 2425 New Holland Pike, ,	Due Date Requested: 10/23/2024	Analysis Requested		Preservation Codes: -
City: Lancaster	TAT Requested (days):			
State, Zip: PA, 17601				
Phone: 717-656-2300(Tel)	PO #:			
Email:	WO #:			
Project Name: MSC Canfield	Project #: 24033889			Other:
Site:	SSOW#:			

Sample Identification - Client ID (Lab ID)	Sample Date	Sample Time	Sample Type (C=comp, G=grab)	Matrix (W=water, S=solid, O=waste/oil, BT=Tissue, A=Air)	Field Filtered Sample (Yes or No)	Perform MS/MSD (Yes or No)	1677_Free/ASTM_LEACH_NP Cyanide, Free	7196A/3060A Chromium, Hexavalent	1677_Free/ Cyanide, Free	Total Number of containers	Special Instructions/Note:
			Preservation Code:								
SB-27-0.5 (240-212801-15)	10/8/24	13:05 Eastern	G	Solid			X	X		2	Use caution! Site contaminated with solvent waste
SB-27-2.0 (240-212801-16)	10/8/24	13:15 Eastern	G	Solid			X	X		2	Use caution! Site contaminated with solvent waste
SB-28-0 (240-212801-17)	10/8/24	14:05 Eastern	G	Solid			X	X		2	Use caution! Site contaminated with solvent waste
DUP-10-20241008 (240-212801-18)	10/8/24	Eastern	G	Solid			X	X		2	Use caution! Site contaminated with solvent waste
SB-28-0.5 (240-212801-19)	10/8/24	14:15 Eastern	G	Solid			X	X		2	Use caution! Site contaminated with solvent waste
SB-28-2.0 (240-212801-20)	10/8/24	14:30 Eastern	G	Solid			X	X		2	Use caution! Site contaminated with solvent waste
SB-29-0 (240-212801-21)	10/8/24	14:55 Eastern	G	Solid			X	X		2	Use caution! Site contaminated with solvent waste
SB-29-0.5 (240-212801-22)	10/8/24	15:10 Eastern	G	Solid			X	X		2	Use caution! Site contaminated with solvent waste
SB-29-2.0 (240-212801-23)	10/8/24	15:20 Eastern	G	Solid			X	X		2	Use caution! Site contaminated with solvent waste

Note: Since laboratory accreditations are subject to change, Eurofins Environment Testing North Central, LLC places the ownership of method, analyte & accreditation compliance upon our subcontract laboratories. This sample shipment is forwarded under chain-of-custody. If the laboratory does not currently maintain accreditation in the State of Origin listed above for analysis/tests/matrix being analyzed, the samples must be shipped back to the Eurofins Environment Testing North Central, LLC laboratory or other instructions will be provided. Any changes to accreditation status should be brought to Eurofins Environment Testing North Central, LLC attention immediately. If all requested accreditations are current to date, return the signed Chain of Custody attesting to said compliance to Eurofins Environment Testing North Central, LLC.

Possible Hazard Identification	*Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)*
Unconfirmed	☐ *Return To Client* ☐ *Disposal By Lab* ☐ *Archive For* _____ *Months*
Deliverable Requested: I, II, III, IV, Other (specify) Primary Deliverable Rank: 2	Special Instructions/QC Requirements:

Empty Kit Relinquished by:	Date:	Time:	Method of Shipment:

Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company
JESSICA RIGDON	10-10-24 1730	EETNC			
Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company
Relinquished by:	Date/Time:	Company	Received by:	Date/Time: 10/11/24 0945	Company

Custody Seals Intact: Δ Yes Δ No	Custody Seal No.:	Cooler Temperature(s) °C and Other Remarks: 2.3/2.0 3.0/2.7 2.8/2.5

Ver: 05/06/2024

Eurofins Cleveland
180 S. Van Buren Avenue
Barberton, OH 44203
Phone: 330-497-9396 Fax: 330-497-0772

Chain of Custody Record

eurofins | Environment Testing

Client Information (Sub Contract Lab)	Sampler:	Lab PM: Kalis, Nicole A	Carrier Tracking No(s):	COC No: 240-191924.4
Client Contact: Shipping/Receiving	Phone:	E-Mail: Nicole.Kalis@et.eurofinsus.com	State of Origin: Ohio	Page: Page 4 of 7
Company: Eurofins Lancaster Laboratories Environm		Accreditations Required (See note):		Job #: 240-212801-1
Address: 2425 New Holland Pike, ,	Due Date Requested: 10/23/2024	Analysis Requested		Preservation Codes:
City: Lancaster	TAT Requested (days):			
State, Zip: PA, 17601				
Phone: 717-656-2300(Tel)	PO #:			
Email:	WO #:			
Project Name: MSC Canfield	Project #: 24033889			Other:
Site:	SSOW#:			

Sample Identification - Client ID (Lab ID)	Sample Date	Sample Time	Sample Type (C=Comp, G=grab)	Matrix (W=water, S=solid, O=waste/oil, BT=Tissue, A=Air)	Field Filtered Sample (Yes or No)	Perform MS/MSD (Yes or No)	1677_Free/ASTM_LEACH_NP Cyanide, Free	7196A/3060A Chromium, Hexavalent	1677_Free/ Cyanide, Free	Total Number of containers	Special Instructions/Note:
			Preservation Code:								
SB-34-0 (240-212801-24)	10/8/24	15:45 Eastern	G	Solid			X	X		2	Use caution! Site contaminated with solvent waste
~~SB-34-0.5 (240-212801-25)~~	~~10/8/24~~	15:50 Eastern	~~G~~	~~Solid~~			~~X~~	~~X~~		2	Use caution! Site contaminated with solvent waste
SB-34-2.0 (240-212801-26)	10/8/24	16:00 Eastern	G	Solid			X	X		2	Use caution! Site contaminated with solvent waste
SB-33-0 (240-212801-30)	10/9/24	09:10 Eastern	G	Solid			X	X		2	Use caution! Site contaminated with solvent waste
SB-33-0 (240-212801-30MS)	10/9/24	09:10 Eastern	G	Solid			X			2	Use caution! Site contaminated with solvent waste
SB-33-0 (240-212801-30MSD)	10/9/24	09:10 Eastern	G	Solid			X			2	Use caution! Site contaminated with solvent waste
SB-33-0 (240-212801-30MSI)	10/9/24	09:10 Eastern	G	Solid				X		1	Use caution! Site contaminated with solvent waste
SB-33-0 (240-212801-30MSS)	10/9/24	09:10 Eastern	G	Solid				X		1	Use caution! Site contaminated with solvent waste
SB-33-0.5 (240-212801-31)	10/9/24	09:20 Eastern	G	Solid			X	X		2	Use caution! Site contaminated with solvent waste

Note: Since laboratory accreditations are subject to change, Eurofins Environment Testing North Central, LLC places the ownership of method, analyte & accreditation compliance upon our subcontract laboratories. This sample shipment is forwarded under chain-of-custody. If the laboratory does not currently maintain accreditation in the State of Origin listed above for analysis/tests/matrix being analyzed, the samples must be shipped back to the Eurofins Environment Testing North Central, LLC laboratory or other instructions will be provided. Any changes to accreditation status should be brought to Eurofins Environment Testing North Central, LLC attention immediately. If all requested accreditations are current to date, return the signed Chain of Custody attesting to said compliance to Eurofins Environment Testing North Central, LLC.

Possible Hazard Identification *Unconfirmed*	***Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)*** ☐ *Return To Client* ☐ *Disposal By Lab* ☐ *Archive For* _____ *Months*
Deliverable Requested: I, II, III, IV, Other (specify) Primary Deliverable Rank: 2	Special Instructions/QC Requirements:

Empty Kit Relinquished by:	Date:	Time:	Method of Shipment:

Relinquished by: JESSICA RIGDON	Date/Time: 10-10-24 1730	Company EETNC	Received by:	Date/Time:	Company
Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company
Relinquished by:	Date/Time:	Company	Received by:	Date/Time: 10/11/24 0945	Company

Custody Seals Intact: Δ Yes Δ No	Custody Seal No.:	Cooler Temperature(s) °C and Other Remarks: 2.3/2.0 3.0/2.7 2.8/2.5

Ver: 05/06/2024

Eurofins Cleveland
180 S. Van Buren Avenue
Barberton, OH 44203
Phone: 330-497-9396 Fax: 330-497-0772

Chain of Custody Record

eurofins | Environment Testing

Client Information (Sub Contract Lab)	Sampler:	Lab PM: Kalis, Nicole A	Carrier Tracking No(s):	COC No: 240-191924.5
Client Contact: Shipping/Receiving	Phone:	E-Mail: Nicole.Kalis@et.eurofinsus.com	State of Origin: Ohio	Page: Page 5 of 7
Company: Eurofins Lancaster Laboratories Environm		Accreditations Required (See note):		Job #: 240-212801-1
Address: 2425 New Holland Pike, ,	Due Date Requested: 10/23/2024	Analysis Requested		Preservation Codes: -
City: Lancaster	TAT Requested (days):			
State, Zip: PA, 17601				
Phone: 717-656-2300(Tel)	PO #:			
Email:	WO #:			
Project Name: MSC Canfield	Project #: 24033889			Other:
Site:	SSOW#:			

Sample Identification - Client ID (Lab ID)	Sample Date	Sample Time	Sample Type (C=comp, G=grab)	Matrix (W=water, S=solid, O=waste/oil, BT=Tissue, A=Air)	Field Filtered Sample (Yes or No)	Perform MS/MSD (Yes or No)	1677_Free/ASTM_LEACH_NP Cyanide, Free	7196A/3060A Chromium, Hexavalent	1677_Free/ Cyanide, Free	Total Number of containers	Special Instructions/Note:
			Preservation Code:								
SB-33-2.0 (240-212801-32)	10/9/24	09:30 Eastern	G	Solid			X	X		2	Use caution! Site contaminated with solvent waste
~~DUP-11-20241009 (240-212801-33)~~	~~10/9/24~~	~~Eastern~~	~~G~~	~~Solid~~			~~X~~	~~X~~		~~2~~	Use caution! Site contaminated with solvent waste
SB-32-0 (240-212801-34)	10/9/24	09:50 Eastern	G	Solid			X	X		2	Use caution! Site contaminated with solvent waste
SB-32-0.5 (240-212801-35)	10/9/24	10:00 Eastern	G	Solid			X	X		2	Use caution! Site contaminated with solvent waste
SB-32-2.0 (240-212801-36)	10/9/24	10:15 Eastern	G	Solid			X	X		2	Use caution! Site contaminated with solvent waste
SB-31-0 (240-212801-37)	10/9/24	10:55 Eastern	G	Solid			X	X		2	Use caution! Site contaminated with solvent waste
DUP-12-20241009 (240-212801-38)	10/9/24	Eastern	G	Solid			X	X		2	Use caution! Site contaminated with solvent waste
SB-31-0.5 (240-212801-39)	10/9/24	11:05 Eastern	G	Solid			X	X		2	Use caution! Site contaminated with solvent waste
SB-31-2.0 (240-212801-40)	10/9/24	11:15 Eastern	G	Solid			X	X		2	Use caution! Site contaminated with solvent waste

Note: Since laboratory accreditations are subject to change, Eurofins Environment Testing North Central, LLC places the ownership of method, analyte & accreditation compliance upon our subcontract laboratories. This sample shipment is forwarded under chain-of-custody. If the laboratory does not currently maintain accreditation in the State of Origin listed above for analysis/tests/matrix being analyzed, the samples must be shipped back to the Eurofins Environment Testing North Central, LLC laboratory or other instructions will be provided. Any changes to accreditation status should be brought to Eurofins Environment Testing North Central, LLC attention immediately. If all requested accreditations are current to date, return the signed Chain of Custody attesting to said compliance to Eurofins Environment Testing North Central, LLC.

Possible Hazard Identification	*Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)*
Unconfirmed	☐ *Return To Client* ☐ *Disposal By Lab* ☐ *Archive For* _____ *Months*
Deliverable Requested: I, II, III, IV, Other (specify) Primary Deliverable Rank: 2	Special Instructions/QC Requirements:

Empty Kit Relinquished by:	Date:	Time:	Method of Shipment:

Relinquished by:	Date/Time	Company	Received by:	Date/Time:	Company
JESSICA RIGDON	10-10-24 1730	EETNC			
Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company
Relinquished by:	Date/Time:	Company	Received by:	Date/Time: 10/11/24 0945	Company NC

Custody Seals Intact: Δ Yes Δ No	Custody Seal No.:	Cooler Temperature(s) °C and Other Remarks: 2.3/2.0 3.0/2.7 2.8/2.5

Ver: 05/06/2024

Eurofins Cleveland
180 S. Van Buren Avenue
Barberton, OH 44203
Phone: 330-497-9396 Fax: 330-497-0772

Chain of Custody Record

eurofins | Environment Testing

Client Information (Sub Contract Lab)	Sampler:	Lab PM: Kalis, Nicole A	Carrier Tracking No(s):	COC No: 240-191924.6
Client Contact: Shipping/Receiving	Phone:	E-Mail: Nicole.Kalis@et.eurofinsus.com	State of Origin: Ohio	Page: Page 6 of 7
Company: Eurofins Lancaster Laboratories Environm		Accreditations Required (See note):		Job #: 240-212801-1
Address: 2425 New Holland Pike,	Due Date Requested: 10/23/2024			Preservation Codes: -
City: Lancaster	TAT Requested (days):			
State, Zip: PA, 17601				
Phone: 717-656-2300(Tel)	PO #:			
Email:	WO #:			
Project Name: MSC Canfield	Project #: 24033889			
Site:	SSOW#:			Other:

Analysis Requested

Sample Identification - Client ID (Lab ID)	Sample Date	Sample Time	Sample Type (C=comp, G=grab)	Matrix (W=water, S=solid, O=waste/oil, BT=Tissue, A=Air)	Field Filtered Sample (Yes or No)	Perform MS/MSD (Yes or No)	1677_Free/ASTM_LEACH_NP Cyanide, Free	7196A/3060A Chromium, Hexavalent	1677_Free Cyanide, Free	Total Number of containers	Special Instructions/Note:
			Preservation Code:								
SB-30-0 (240-212801-41)	10/9/24	12:30 Eastern	G	Solid			X	X		2	Use caution! Site contaminated with solvent waste
SB-30-0 (240-212801-41MS)	10/9/24	12:30 Eastern	G	Solid			X			2	Use caution! Site contaminated with solvent waste
SB-30-0 (240-212801-41MSD)	10/9/24	12:30 Eastern	G	Solid			X			2	Use caution! Site contaminated with solvent waste
SB-30-0 (240-212801-41MSI)	10/9/24	12:30 Eastern	G	Solid				X		1	Use caution! Site contaminated with solvent waste
SB-30-0 (240-212801-41MSS)	10/9/24	12:30 Eastern	G	Solid				X		1	Use caution! Site contaminated with solvent waste
SB-30-0.5 (240-212801-42)	10/9/24	12:45 Eastern	G	Solid			X	X		2	Use caution! Site contaminated with solvent waste
DUP-13-20241009 (240-212801-43)	10/9/24	Eastern	G	Solid			X	X		2	Use caution! Site contaminated with solvent waste
SB-30-2.0 (240-212801-44)	10/9/24	13:05 Eastern	G	Solid			X	X		2	Use caution! Site contaminated with solvent waste
SB-36-0 (240-212801-45)	10/9/24	13:45 Eastern	G	Solid			X	X		2	Use caution! Site contaminated with solvent waste

Note: Since laboratory accreditations are subject to change, Eurofins Environment Testing North Central, LLC places the ownership of method, analyte & accreditation compliance upon our subcontract laboratories. This sample shipment is forwarded under chain-of-custody. If the laboratory does not currently maintain accreditation in the State of Origin listed above for analysis/tests/matrix being analyzed, the samples must be shipped back to the Eurofins Environment Testing North Central, LLC laboratory or other instructions will be provided. Any changes to accreditation status should be brought to Eurofins Environment Testing North Central, LLC attention immediately. If all requested accreditations are current to date, return the signed Chain of Custody attesting to said compliance to Eurofins Environment Testing North Central, LLC.

Possible Hazard Identification	Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)
Unconfirmed	☐ Return To Client ☐ Disposal By Lab ☐ Archive For _____ Months
Deliverable Requested: I, II, III, IV, Other (specify) Primary Deliverable Rank: 2	Special Instructions/QC Requirements:

Empty Kit Relinquished by:	Date:	Time:	Method of Shipment:

Relinquished by	Date/Time	Company	Received by	Date/Time	Company
JESSICA RIGDON	10-10-24 1730	ET NC			
Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company
Relinquished by:	Date/Time:	Company	Received by:	Date/Time: 10/11/24 0945	Company

Custody Seals Intact: ☐ Yes ☐ No | Custody Seal No.:

Cooler Temperature(s) °C and Other Remarks: 2.3/2.0 3.0/2.7 2.8/2.5

Ver: 05/06/2024

Eurofins Cleveland
180 S. Van Buren Avenue
Barberton, OH 44203
Phone: 330-497-9396 Fax: 330-497-0772

Chain of Custody Record

eurofins | Environment Testing

Client Information (Sub Contract Lab)	Sampler:	Lab PM: Kalis, Nicole A	Carrier Tracking No(s):	COC No: 240-191924.7
Client Contact: Shipping/Receiving	Phone:	E-Mail: Nicole.Kalis@et.eurofinsus.com	State of Origin: Ohio	Page: Page 7 of 7
Company: Eurofins Lancaster Laboratories Environm		Accreditations Required (See note):		Job #: 240-212801-1
Address: 2425 New Holland Pike,	Due Date Requested: 10/23/2024			Preservation Codes:
City: Lancaster	TAT Requested (days):			
State, Zip: PA, 17601				
Phone: 717-656-2300(Tel)	PO #:			
Email:	WO #:			
Project Name: MSC Canfield	Project #: 24033889			
Site:	SSOW#:			Other:

Analysis Requested

Sample Identification - Client ID (Lab ID)	Sample Date	Sample Time	Sample Type (C=comp, G=grab)	Matrix (W=water, S=solid, O=waste/oil, BT=Tissue, A=Air)	Field Filtered Sample (Yes or No)	Perform MS/MSD (Yes or No)	1677_Free/ASTM_LEACH_NP Cyanide, Free	7196A/3060A Chromium, Hexavalent	1677_Free/ Cyanide, Free	Total Number of containers	Special Instructions/Note:
			Preservation Code								
SB-36-0.5 (240-212801-46)	10/9/24	13:55 Eastern	G	Solid			X	X		2	Use caution! Site contaminated with solvent waste
SB-36-2.0 (240-212801-47)	10/9/24	14:05 Eastern	G	Solid			X	X		2	Use caution! Site contaminated with solvent waste
SB-35-0 (240-212801-48)	10/9/24	14:30 Eastern	G	Solid			X	X		2	Use caution! Site contaminated with solvent waste
SB-35-0.5 (240-212801-49)	10/9/24	14:35 Eastern	G	Solid			X	X		2	Use caution! Site contaminated with solvent waste
SB-35-2.0 (240-212801-50)	10/9/24	14:45 Eastern	G	Solid			X	X		2	Use caution! Site contaminated with solvent waste
EB-2-20241010 (240-212801-55)	10/10/24	12:25 Eastern	G	Water					X	1	Use caution! Site contaminated with solvent waste
RB-2-20241010 (240-212801-56)	10/10/24	11:48 Eastern	G	Water					X	1	Use caution! Site contaminated with solvent waste

Note: Since laboratory accreditations are subject to change, Eurofins Environment Testing North Central, LLC places the ownership of method, analyte & accreditation compliance upon our subcontract laboratories. This sample shipment is forwarded under chain-of-custody. If the laboratory does not currently maintain accreditation in the State of Origin listed above for analysis/tests/matrix being analyzed, the samples must be shipped back to the Eurofins Environment Testing North Central, LLC laboratory or other instructions will be provided. Any changes to accreditation status should be brought to Eurofins Environment Testing North Central, LLC attention immediately. If all requested accreditations are current to date, return the signed Chain of Custody attesting to said compliance to Eurofins Environment Testing North Central, LLC.

Possible Hazard Identification	*Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)*
Unconfirmed	☐ *Return To Client* ☐ *Disposal By Lab* ☐ *Archive For* _____ *Months*
Deliverable Requested: I, II, III, IV, Other (specify) Primary Deliverable Rank: 2	Special Instructions/QC Requirements:

Empty Kit Relinquished by:	Date:	Time:	Method of Shipment:

Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company
JESSICA RIGDON	101024 1730	EETNC			
Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company
Relinquished by:	Date/Time:	Company	Received by:	Date/Time: 10/11/24 0945	Company

Custody Seals Intact: Δ Yes Δ No	Custody Seal No.:	Cooler Temperature(s) °C and Other Remarks: 2.3/2.0 3.0/2.7 2.8/2.5

Ver: 05/06/2024

eurofins | Environment Testing

ANALYTICAL REPORT

PREPARED FOR

Attn: Kain Lager-Lowe
August Mack Environmental, Inc.
7830 North Central Drive, Suite B
Lewis Center, Ohio 43035

Generated 10/18/2024 8:49:59 AM

JOB DESCRIPTION

MSC Canfield - Soil

JOB NUMBER

240-212566-2

Eurofins Cleveland
180 S. Van Buren Avenue
Barberton OH 44203

See page two for job notes and contact information.

my EOL

Job Notes

This report may not be reproduced except in full, and with written approval from the laboratory. The results relate only to the samples tested. For questions please contact the Project Manager at the e-mail address or telephone number listed on this page.

The test results in this report relate only to the samples as received by the laboratory and will meet all requirements of the methodology, with any exceptions noted. This report shall not be reproduced except in full, without the express written approval of the laboratory. All questions should be directed to the Eurofins Environment Testing North Central, LLC Project Manager.

Authorization



Generated
10/18/2024 8:49:59 AM

Authorized for release by
Nicole Kalis, Project Manager I
Nicole.Kalis@et.eurofinsus.com
(330)497-9396

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Definitions/Glossary

Client: August Mack Environmental, Inc. Job ID: 240-212566-2
Project/Site: MSC Canfield - Soil

Qualifiers

General Chemistry

Qualifier	Qualifier Description
F1	MS and/or MSD recovery exceeds control limits.
J	Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.

Glossary

Abbreviation	These commonly used abbreviations may or may not be present in this report.
☼	Listed under the "D" column to designate that the result is reported on a dry weight basis
%R	Percent Recovery
CFL	Contains Free Liquid
CFU	Colony Forming Unit
CNF	Contains No Free Liquid
DER	Duplicate Error Ratio (normalized absolute difference)
Dil Fac	Dilution Factor
DL	Detection Limit (DoD/DOE)
DL, RA, RE, IN	Indicates a Dilution, Re-analysis, Re-extraction, or additional Initial metals/anion analysis of the sample
DLC	Decision Level Concentration (Radiochemistry)
EDL	Estimated Detection Limit (Dioxin)
LOD	Limit of Detection (DoD/DOE)
LOQ	Limit of Quantitation (DoD/DOE)
MCL	EPA recommended "Maximum Contaminant Level"
MDA	Minimum Detectable Activity (Radiochemistry)
MDC	Minimum Detectable Concentration (Radiochemistry)
MDL	Method Detection Limit
ML	Minimum Level (Dioxin)
MPN	Most Probable Number
MQL	Method Quantitation Limit
NC	Not Calculated
ND	Not Detected at the reporting limit (or MDL or EDL if shown)
NEG	Negative / Absent
POS	Positive / Present
PQL	Practical Quantitation Limit
PRES	Presumptive
QC	Quality Control
RER	Relative Error Ratio (Radiochemistry)
RL	Reporting Limit or Requested Limit (Radiochemistry)
RPD	Relative Percent Difference, a measure of the relative difference between two points
TEF	Toxicity Equivalent Factor (Dioxin)
TEQ	Toxicity Equivalent Quotient (Dioxin)
TNTC	Too Numerous To Count

Job ID: 240-212566-2 Eurofins Cleveland

Job Narrative
240-212566-2

Analytical test results meet all requirements of the associated regulatory program listed on the Accreditation/Certification Summary Page unless otherwise noted under the individual analysis. Data qualifiers and/or narrative comments are included to explain any exceptions, if applicable.

- Matrix QC may not be reported if insufficient sample is provided or site-specific QC samples were not submitted. In these situations, to demonstrate precision and accuracy at a batch level, a LCS/LCSD may be performed, unless otherwise specified in the method.
- Surrogate and/or isotope dilution analyte recoveries (if applicable) which are outside of the QC window are confirmed unless attributed to a dilution or otherwise noted in the narrative.

Regulated compliance samples (e.g. SDWA, NPDES) must comply with the associated agency requirements/permits.

Receipt
The samples were received on 10/7/2024 1:00 PM. Unless otherwise noted below, the samples arrived in good condition, and, where required, properly preserved and on ice. The temperatures of the 3 coolers at receipt time were 1.7°C, 2.4°C and 4.1°C.

Receipt Exceptions
The following samples were listed on the Chain of Custody (COC); however, no samples were received: DUP-7-20241005 (240-212566-4), T1000-W-2.0 (240-212566-10), T625-C-4.0 (240-212566-17), T750-E-2.0 (240-212566-19[DU]), T750-E-2.0 (240-212566-19[MSS]), DUP-5-20241005 (240-212566-22), T1125-W-2.0 (240-212566-25), T1125-W-2.0 (240-212566-25[MSD]), T1125-W-2.0 (240-212566-25[MSI]), T1125-W-2.0 (240-212566-25[MSS]) and T375-W-4.0 (240-212566-29).

Missing one cooler.

Missing cooler received 10/10/24.

General Chemistry
Method 7196A: The matrix spike soluble/matrix spike insoluble (MSS/MSI) recoveries for preparation batch 410-562506 and analytical batch 410-563053 were outside control limits due to sample matrix. The associated laboratory control sample (LCSS/LCSI) recoveries met acceptance criteria.

Method 7196A: The following sample was diluted due to the nature of the sample matrix: T1000-C-4.0 (240-212566-9). Elevated reporting limits (RLs) are provided.

Method 7196A: The matrix spike soluble/matrix spike insoluble (MSS/MSI) recoveries for preparation batch 410-562915 and analytical batch 410-563076 were outside control limits due to sample matrix. The associated laboratory control sample (LCSS/LCSI) recoveries met acceptance criteria.

No additional analytical or quality issues were noted, other than those described above or in the Definitions/ Glossary page.

Method Summary

Client: August Mack Environmental, Inc.
Job ID: 240-212566-2
Project/Site: MSC Canfield - Soil

Method	Method Description	Protocol	Laboratory
7196A	Chromium, Hexavalent	SW846	ELLE
OIA-1677	Cyanide, Free (Flow Injection)	OI CORP	ELLE
3060A	Alkaline Digestion (Chromium, Hexavalent)	SW846	ELLE
D3987-85	ASTM Leaching Procedure	ASTM	ELLE

Protocol References:

ASTM = ASTM International

OI CORP = OI Corporation Instrument Manual.

SW846 = "Test Methods For Evaluating Solid Waste, Physical/Chemical Methods", Third Edition, November 1986 And Its Updates.

Laboratory References:

ELLE = Eurofins Lancaster Laboratories Environment Testing, LLC, 2425 New Holland Pike, Lancaster, PA 17601, TEL (717)656-2300

Sample Summary

Client: August Mack Environmental, Inc.
Job ID: 240-212566-2
Project/Site: MSC Canfield - Soil

Lab Sample ID	Client Sample ID	Matrix	Collected	Received
240-212566-1	DUP-6-20241005	Solid	10/05/24 00:00	10/07/24 13:00
240-212566-2	T750-W-2.0	Solid	10/05/24 13:00	10/07/24 13:00
240-212566-3	T875-E-2.0	Solid	10/05/24 14:30	10/07/24 13:00
240-212566-4	DUP-7-20241005	Solid	10/05/24 00:00	10/07/24 13:00
240-212566-5	T875-E-4.0	Solid	10/05/24 14:50	10/07/24 13:00
240-212566-6	T875-W-2.0	Solid	10/05/24 15:50	10/07/24 13:00
240-212566-7	T875-W-4.0	Solid	10/06/24 16:00	10/07/24 13:00
240-212566-8	T1000-C-2.0	Solid	10/06/24 11:50	10/07/24 13:00
240-212566-9	T1000-C-4.0	Solid	10/06/24 12:00	10/07/24 13:00
240-212566-10	T1000-W-2.0	Solid	10/06/24 12:13	10/07/24 13:00
240-212566-12	T500-W-2.0	Solid	10/05/24 08:42	10/07/24 13:00
240-212566-13	T500-W-4.0	Solid	10/05/24 08:55	10/07/24 13:00
240-212566-14	T625-E-2.0	Solid	10/05/24 09:30	10/07/24 13:00
240-212566-15	T625-E-4.0	Solid	10/05/24 09:45	10/07/24 13:00
240-212566-16	T625-C-2.0	Solid	10/05/24 10:15	10/07/24 13:00
240-212566-17	T625-C-4.0	Solid	10/05/24 10:30	10/07/24 13:00
240-212566-18	T625-W-2.0	Solid	10/05/24 11:00	10/07/24 13:00
240-212566-19	T750-E-2.0	Solid	10/05/24 12:15	10/07/24 13:00
240-212566-20	T750-E-4.0	Solid	10/05/24 12:40	10/07/24 13:00
240-212566-22	DUP-5-20241005	Solid	10/05/24 00:00	10/07/24 13:00
240-212566-23	T1125-E-2.0	Solid	10/06/24 13:45	10/07/24 13:00
240-212566-24	T1125-E-4.0	Solid	10/06/24 14:14	10/07/24 13:00
240-212566-25	T1125-W-2.0	Solid	10/06/24 14:30	10/07/24 13:00
240-212566-28	T375-W-2.0	Solid	10/04/24 16:03	10/07/24 13:00
240-212566-29	T375-W-4.0	Solid	10/04/24 16:30	10/07/24 13:00
240-212566-30	T375-E-2.0	Solid	10/04/24 15:30	10/07/24 13:00
240-212566-31	T375-E-4.0	Solid	10/04/24 15:35	10/07/24 13:00
240-212566-32	DUP7-20241005	Solid	10/05/24 00:00	10/07/24 13:00
240-212566-33	DUP4-20241004	Solid	10/04/24 00:00	10/07/24 13:00

Detection Summary

Client: August Mack Environmental, Inc.
Project/Site: MSC Canfield - Soil

Job ID: 240-212566-2

Client Sample ID: DUP-6-20241005 — Lab Sample ID: 240-212566-1

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Cyanide, Free	0.0078		0.0060	0.0050	mg/L	1		OIA-1677	ASTM Leach

Client Sample ID: T750-W-2.0 — Lab Sample ID: 240-212566-2

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Cyanide, Free	0.0081		0.0060	0.0050	mg/L	1		OIA-1677	ASTM Leach

Client Sample ID: T875-E-2.0 — Lab Sample ID: 240-212566-3

No Detections.

Client Sample ID: DUP-7-20241005 — Lab Sample ID: 240-212566-4

No Detections.

Client Sample ID: T875-E-4.0 — Lab Sample ID: 240-212566-5

No Detections.

Client Sample ID: T875-W-2.0 — Lab Sample ID: 240-212566-6

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Cyanide, Free	0.0057	J	0.0060	0.0050	mg/L	1		OIA-1677	ASTM Leach

Client Sample ID: T875-W-4.0 — Lab Sample ID: 240-212566-7

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Cyanide, Free	0.0053	J	0.0060	0.0050	mg/L	1		OIA-1677	ASTM Leach

Client Sample ID: T1000-C-2.0 — Lab Sample ID: 240-212566-8

No Detections.

Client Sample ID: T1000-C-4.0 — Lab Sample ID: 240-212566-9

No Detections.

Client Sample ID: T1000-W-2.0 — Lab Sample ID: 240-212566-10

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Cyanide, Free	0.0066		0.0060	0.0050	mg/L	1		OIA-1677	ASTM Leach

Client Sample ID: T500-W-2.0 — Lab Sample ID: 240-212566-12

No Detections.

Client Sample ID: T500-W-4.0 — Lab Sample ID: 240-212566-13

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Cyanide, Free	0.0059	J	0.0060	0.0050	mg/L	1		OIA-1677	ASTM Leach

Client Sample ID: T625-E-2.0 — Lab Sample ID: 240-212566-14

No Detections.

Client Sample ID: T625-E-4.0 — Lab Sample ID: 240-212566-15

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Cyanide, Free	0.0060		0.0060	0.0050	mg/L	1		OIA-1677	ASTM Leach

This Detection Summary does not include radiochemical test results.

Detection Summary

Client: August Mack Environmental, Inc.
Project/Site: MSC Canfield - Soil

Job ID: 240-212566-2

Client Sample ID: T625-C-2.0 — Lab Sample ID: 240-212566-16

No Detections.

Client Sample ID: T625-C-4.0 — Lab Sample ID: 240-212566-17

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Cr (VI)	0.33	J	0.51	0.17	mg/Kg	1	☼	7196A	Total/NA
Cyanide, Free	0.0054	J	0.0060	0.0050	mg/L	1		OIA-1677	ASTM Leach

Client Sample ID: T625-W-2.0 — Lab Sample ID: 240-212566-18

No Detections.

Client Sample ID: T750-E-2.0 — Lab Sample ID: 240-212566-19

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Cyanide, Free	0.0074		0.0060	0.0050	mg/L	1		OIA-1677	ASTM Leach

Client Sample ID: T750-E-4.0 — Lab Sample ID: 240-212566-20

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Cyanide, Free	0.0096		0.0060	0.0050	mg/L	1		OIA-1677	ASTM Leach

Client Sample ID: DUP-5-20241005 — Lab Sample ID: 240-212566-22

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Cyanide, Free	0.0080		0.0060	0.0050	mg/L	1		OIA-1677	ASTM Leach

Client Sample ID: T1125-E-2.0 — Lab Sample ID: 240-212566-23

No Detections.

Client Sample ID: T1125-E-4.0 — Lab Sample ID: 240-212566-24

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Cyanide, Free	0.0063		0.0060	0.0050	mg/L	1		OIA-1677	ASTM Leach

Client Sample ID: T1125-W-2.0 — Lab Sample ID: 240-212566-25

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Cyanide, Free	0.0088		0.0060	0.0050	mg/L	1		OIA-1677	ASTM Leach

Client Sample ID: T375-W-2.0 — Lab Sample ID: 240-212566-28

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Cyanide, Free	0.0094		0.0060	0.0050	mg/L	1		OIA-1677	ASTM Leach

Client Sample ID: T375-W-4.0 — Lab Sample ID: 240-212566-29

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Cyanide, Free	0.0095		0.0060	0.0050	mg/L	1		OIA-1677	ASTM Leach

Client Sample ID: T375-E-2.0 — Lab Sample ID: 240-212566-30

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Cr (VI)	0.28	J	0.54	0.18	mg/Kg	1	☼	7196A	Total/NA
Cyanide, Free	0.020		0.0060	0.0050	mg/L	1		OIA-1677	ASTM Leach

This Detection Summary does not include radiochemical test results.

Detection Summary

Client: August Mack Environmental, Inc.
Project/Site: MSC Canfield - Soil

Job ID: 240-212566-2

Client Sample ID: T375-E-4.0 — Lab Sample ID: 240-212566-31

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Cyanide, Free	0.0091		0.0060	0.0050	mg/L	1		OIA-1677	ASTM Leach

Client Sample ID: DUP7-20241005 — Lab Sample ID: 240-212566-32

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Cyanide, Free	0.0082		0.0060	0.0050	mg/L	1		OIA-1677	ASTM Leach

Client Sample ID: DUP4-20241004 — Lab Sample ID: 240-212566-33

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Cyanide, Free	0.0085		0.0060	0.0050	mg/L	1		OIA-1677	ASTM Leach

This Detection Summary does not include radiochemical test results.

Client: August Mack Environmental, Inc.
Project/Site: MSC Canfield - Soil

Job ID: 240-212566-2

Client Sample ID: DUP-6-20241005
Date Collected: 10/05/24 00:00
Date Received: 10/07/24 13:00

Lab Sample ID: 240-212566-1
Matrix: Solid
Percent Solids: 82.3

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cr (VI) (SW846 7196A)	ND		0.50	0.17	mg/Kg	☼	10/13/24 06:06	10/14/24 20:07	1

General Chemistry - ASTM Leach

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cyanide, Free (OI CORP OIA-1677)	0.0078		0.0060	0.0050	mg/L			10/16/24 15:49	1

Client: August Mack Environmental, Inc.
Project/Site: MSC Canfield - Soil

Job ID: 240-212566-2

Client Sample ID: T750-W-2.0
Date Collected: 10/05/24 13:00
Date Received: 10/07/24 13:00

Lab Sample ID: 240-212566-2
Matrix: Solid
Percent Solids: 84.8

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cr (VI) (SW846 7196A)	ND		0.49	0.16	mg/Kg	☼	10/14/24 14:58	10/14/24 23:12	1

General Chemistry - ASTM Leach

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cyanide, Free (OI CORP OIA-1677)	0.0081		0.0060	0.0050	mg/L			10/16/24 15:46	1

Client: August Mack Environmental, Inc.
Project/Site: MSC Canfield - Soil

Job ID: 240-212566-2

Client Sample ID: T875-E-2.0
Date Collected: 10/05/24 14:30
Date Received: 10/07/24 13:00

Lab Sample ID: 240-212566-3
Matrix: Solid
Percent Solids: 80.6

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cr (VI) (SW846 7196A)	ND		0.50	0.17	mg/Kg	☼	10/14/24 14:58	10/14/24 23:12	1

General Chemistry - ASTM Leach

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cyanide, Free (OI CORP OIA-1677)	ND		0.0060	0.0050	mg/L			10/16/24 16:01	1

Client: August Mack Environmental, Inc.
Job ID: 240-212566-2
Project/Site: MSC Canfield - Soil

Client Sample ID: DUP-7-20241005
Lab Sample ID: 240-212566-4
Date Collected: 10/05/24 00:00
Matrix: Solid
Date Received: 10/07/24 13:00
Percent Solids: 81.1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cr (VI) (SW846 7196A)	ND		0.51	0.17	mg/Kg	☼	10/14/24 14:58	10/14/24 23:12	1

General Chemistry - ASTM Leach

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cyanide, Free (OI CORP OIA-1677)	ND		0.0060	0.0050	mg/L			10/16/24 16:21	1

Client: August Mack Environmental, Inc.
Job ID: 240-212566-2
Project/Site: MSC Canfield - Soil

Client Sample ID: T875-E-4.0
Lab Sample ID: 240-212566-5
Date Collected: 10/05/24 14:50
Matrix: Solid
Date Received: 10/07/24 13:00
Percent Solids: 81.8

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cr (VI) (SW846 7196A)	ND		0.51	0.17	mg/Kg	☼	10/13/24 06:06	10/14/24 20:07	1

General Chemistry - ASTM Leach

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cyanide, Free (OI CORP OIA-1677)	ND		0.0060	0.0050	mg/L			10/16/24 15:54	1

Client: August Mack Environmental, Inc.
Project/Site: MSC Canfield - Soil

Job ID: 240-212566-2

Client Sample ID: T875-W-2.0
Date Collected: 10/05/24 15:50
Date Received: 10/07/24 13:00

Lab Sample ID: 240-212566-6
Matrix: Solid
Percent Solids: 87.5

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cr (VI) (SW846 7196A)	ND		0.48	0.16	mg/Kg	☼	10/14/24 14:58	10/14/24 23:12	1

General Chemistry - ASTM Leach

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cyanide, Free (OI CORP OIA-1677)	0.0057	J	0.0060	0.0050	mg/L			10/16/24 16:46	1

Client: August Mack Environmental, Inc.
Project/Site: MSC Canfield - Soil

Job ID: 240-212566-2

Client Sample ID: T875-W-4.0
Date Collected: 10/06/24 16:00
Date Received: 10/07/24 13:00

Lab Sample ID: 240-212566-7
Matrix: Solid
Percent Solids: 100.0

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cr (VI) (SW846 7196A)	ND		0.41	0.14	mg/Kg	☼	10/13/24 06:06	10/14/24 20:07	1

General Chemistry - ASTM Leach

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cyanide, Free (OI CORP OIA-1677)	0.0053	J	0.0060	0.0050	mg/L			10/15/24 15:25	1

Client: August Mack Environmental, Inc.
Job ID: 240-212566-2
Project/Site: MSC Canfield - Soil

Client Sample ID: T1000-C-2.0
Lab Sample ID: 240-212566-8
Date Collected: 10/06/24 11:50
Matrix: Solid
Date Received: 10/07/24 13:00
Percent Solids: 62.2

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cr (VI) (SW846 7196A)	ND		0.67	0.22	mg/Kg	☼	10/13/24 06:06	10/14/24 20:07	1

General Chemistry - ASTM Leach

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cyanide, Free (OI CORP OIA-1677)	ND		0.0060	0.0050	mg/L			10/15/24 14:30	1

Client: August Mack Environmental, Inc.
Project/Site: MSC Canfield - Soil

Job ID: 240-212566-2

Client Sample ID: T1000-C-4.0
Date Collected: 10/06/24 12:00
Date Received: 10/07/24 13:00

Lab Sample ID: 240-212566-9
Matrix: Solid
Percent Solids: 81.4

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cr (VI) (SW846 7196A)	ND		2.5	0.84	mg/Kg	☼	10/14/24 14:58	10/14/24 23:12	5

General Chemistry - ASTM Leach

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cyanide, Free (OI CORP OIA-1677)	ND		0.0060	0.0050	mg/L			10/15/24 14:32	1

Client: August Mack Environmental, Inc.
Job ID: 240-212566-2
Project/Site: MSC Canfield - Soil

Client Sample ID: T1000-W-2.0
Lab Sample ID: 240-212566-10
Date Collected: 10/06/24 12:13
Matrix: Solid
Date Received: 10/07/24 13:00
Percent Solids: 88.2

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cr (VI) (SW846 7196A)	ND		0.47	0.16	mg/Kg	☼	10/14/24 14:58	10/14/24 23:12	1

General Chemistry - ASTM Leach

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cyanide, Free (OI CORP OIA-1677)	0.0066		0.0060	0.0050	mg/L			10/15/24 14:27	1

Client: August Mack Environmental, Inc.
Job ID: 240-212566-2
Project/Site: MSC Canfield - Soil

Client Sample ID: T500-W-2.0
Lab Sample ID: 240-212566-12
Date Collected: 10/05/24 08:42
Matrix: Solid
Date Received: 10/07/24 13:00
Percent Solids: 75.8

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cr (VI) (SW846 7196A)	ND		0.55	0.18	mg/Kg	☼	10/14/24 14:58	10/14/24 23:12	1

General Chemistry - ASTM Leach

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cyanide, Free (OI CORP OIA-1677)	ND		0.0060	0.0050	mg/L			10/16/24 16:09	1

Client: August Mack Environmental, Inc.
Job ID: 240-212566-2
Project/Site: MSC Canfield - Soil

Client Sample ID: T500-W-4.0
Lab Sample ID: 240-212566-13
Date Collected: 10/05/24 08:55
Matrix: Solid
Date Received: 10/07/24 13:00
Percent Solids: 77.9

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cr (VI) (SW846 7196A)	ND		0.55	0.18	mg/Kg	☼	10/13/24 06:06	10/14/24 20:07	1

General Chemistry - ASTM Leach

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cyanide, Free (OI CORP OIA-1677)	0.0059	J	0.0060	0.0050	mg/L			10/16/24 15:36	1

Client: August Mack Environmental, Inc.
Job ID: 240-212566-2
Project/Site: MSC Canfield - Soil

Client Sample ID: T625-E-2.0
Lab Sample ID: 240-212566-14
Date Collected: 10/05/24 09:30
Matrix: Solid
Date Received: 10/07/24 13:00
Percent Solids: 78.1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cr (VI) (SW846 7196A)	ND		0.55	0.18	mg/Kg	☼	10/13/24 06:06	10/14/24 20:07	1

General Chemistry - ASTM Leach

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cyanide, Free (OI CORP OIA-1677)	ND		0.0060	0.0050	mg/L			10/16/24 15:39	1

Client: August Mack Environmental, Inc.
Job ID: 240-212566-2
Project/Site: MSC Canfield - Soil

Client Sample ID: T625-E-4.0
Lab Sample ID: 240-212566-15
Date Collected: 10/05/24 09:45
Matrix: Solid
Date Received: 10/07/24 13:00
Percent Solids: 79.5

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cr (VI) (SW846 7196A)	ND		0.52	0.17	mg/Kg	☼	10/13/24 06:06	10/14/24 20:07	1

General Chemistry - ASTM Leach

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cyanide, Free (OI CORP OIA-1677)	0.0060		0.0060	0.0050	mg/L			10/16/24 15:51	1

Client: August Mack Environmental, Inc.
Project/Site: MSC Canfield - Soil

Job ID: 240-212566-2

Client Sample ID: T625-C-2.0
Date Collected: 10/05/24 10:15
Date Received: 10/07/24 13:00

Lab Sample ID: 240-212566-16
Matrix: Solid
Percent Solids: 79.0

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cr (VI) (SW846 7196A)	ND		0.53	0.18	mg/Kg	☼	10/13/24 06:06	10/14/24 20:07	1

General Chemistry - ASTM Leach

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cyanide, Free (OI CORP OIA-1677)	ND		0.0060	0.0050	mg/L			10/16/24 16:16	1

Client: August Mack Environmental, Inc.
Project/Site: MSC Canfield - Soil

Job ID: 240-212566-2

Client Sample ID: T625-C-4.0
Date Collected: 10/05/24 10:30
Date Received: 10/07/24 13:00

Lab Sample ID: 240-212566-17
Matrix: Solid
Percent Solids: 81.8

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cr (VI) (SW846 7196A)	0.33	J	0.51	0.17	mg/Kg	☼	10/14/24 14:58	10/14/24 23:12	1

General Chemistry - ASTM Leach

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cyanide, Free (OI CORP OIA-1677)	0.0054	J	0.0060	0.0050	mg/L			10/15/24 14:25	1

Client: August Mack Environmental, Inc.
Job ID: 240-212566-2
Project/Site: MSC Canfield - Soil

Client Sample ID: T625-W-2.0
Lab Sample ID: 240-212566-18
Date Collected: 10/05/24 11:00
Matrix: Solid
Date Received: 10/07/24 13:00
Percent Solids: 84.4

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cr (VI) (SW846 7196A)	ND		0.49	0.16	mg/Kg	☼	10/14/24 14:58	10/14/24 23:12	1

General Chemistry - ASTM Leach

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cyanide, Free (OI CORP OIA-1677)	ND		0.0060	0.0050	mg/L			10/15/24 15:00	1

Client: August Mack Environmental, Inc.
Job ID: 240-212566-2
Project/Site: MSC Canfield - Soil

Client Sample ID: T750-E-2.0
Lab Sample ID: 240-212566-19
Date Collected: 10/05/24 12:15
Matrix: Solid
Date Received: 10/07/24 13:00
Percent Solids: 78.3

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cr (VI) (SW846 7196A)	ND	F1	0.55	0.18	mg/Kg	☼	10/13/24 06:06	10/14/24 20:07	1

General Chemistry - ASTM Leach

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cyanide, Free (OI CORP OIA-1677)	0.0074		0.0060	0.0050	mg/L			10/16/24 15:21	1

Client: August Mack Environmental, Inc.
Project/Site: MSC Canfield - Soil

Job ID: 240-212566-2

Client Sample ID: T750-E-4.0
Date Collected: 10/05/24 12:40
Date Received: 10/07/24 13:00

Lab Sample ID: 240-212566-20
Matrix: Solid
Percent Solids: 77.2

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cr (VI) (SW846 7196A)	ND		0.54	0.18	mg/Kg	☼	10/14/24 14:58	10/14/24 23:12	1

General Chemistry - ASTM Leach

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cyanide, Free (OI CORP OIA-1677)	0.0096		0.0060	0.0050	mg/L			10/15/24 14:35	1

Client: August Mack Environmental, Inc.
Project/Site: MSC Canfield - Soil

Job ID: 240-212566-2

Client Sample ID: DUP-5-20241005
Date Collected: 10/05/24 00:00
Date Received: 10/07/24 13:00

Lab Sample ID: 240-212566-22
Matrix: Solid
Percent Solids: 85.4

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cr (VI) (SW846 7196A)	ND		0.48	0.16	mg/Kg	☼	10/14/24 14:58	10/14/24 23:12	1

General Chemistry - ASTM Leach

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cyanide, Free (OI CORP OIA-1677)	0.0080		0.0060	0.0050	mg/L			10/15/24 15:13	1

Client: August Mack Environmental, Inc.
Job ID: 240-212566-2
Project/Site: MSC Canfield - Soil

Client Sample ID: T1125-E-2.0
Lab Sample ID: 240-212566-23
Date Collected: 10/06/24 13:45
Matrix: Solid
Date Received: 10/07/24 13:00
Percent Solids: 82.8

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cr (VI) (SW846 7196A)	ND	F1	0.51	0.17	mg/Kg	☼	10/14/24 14:58	10/14/24 23:12	1

General Chemistry - ASTM Leach

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cyanide, Free (OI CORP OIA-1677)	ND		0.0060	0.0050	mg/L			10/15/24 14:12	1

Client: August Mack Environmental, Inc.
Project/Site: MSC Canfield - Soil

Job ID: 240-212566-2

Client Sample ID: T1125-E-4.0
Date Collected: 10/06/24 14:14
Date Received: 10/07/24 13:00

Lab Sample ID: 240-212566-24
Matrix: Solid
Percent Solids: 81.8

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cr (VI) (SW846 7196A)	ND		0.50	0.17	mg/Kg	☼	10/14/24 14:58	10/14/24 23:12	1

General Chemistry - ASTM Leach

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cyanide, Free (OI CORP OIA-1677)	0.0063		0.0060	0.0050	mg/L			10/15/24 14:37	1

Client: August Mack Environmental, Inc.
Job ID: 240-212566-2
Project/Site: MSC Canfield - Soil

Client Sample ID: T1125-W-2.0
Lab Sample ID: 240-212566-25
Date Collected: 10/06/24 14:30
Matrix: Solid
Date Received: 10/07/24 13:00
Percent Solids: 79.2

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cr (VI) (SW846 7196A)	ND	F1	0.53	0.18	mg/Kg	☼	10/14/24 14:58	10/14/24 23:12	1

General Chemistry - ASTM Leach

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cyanide, Free (OI CORP OIA-1677)	0.0088		0.0060	0.0050	mg/L			10/15/24 13:27	1

Client: August Mack Environmental, Inc.
Job ID: 240-212566-2
Project/Site: MSC Canfield - Soil

Client Sample ID: T375-W-2.0
Lab Sample ID: 240-212566-28
Date Collected: 10/04/24 16:03
Matrix: Solid
Date Received: 10/07/24 13:00
Percent Solids: 77.0

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cr (VI) (SW846 7196A)	ND		0.56	0.19	mg/Kg	☼	10/13/24 06:06	10/14/24 20:07	1

General Chemistry - ASTM Leach

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cyanide, Free (OI CORP OIA-1677)	0.0094		0.0060	0.0050	mg/L			10/15/24 15:23	1

Client: August Mack Environmental, Inc.
Project/Site: MSC Canfield - Soil

Job ID: 240-212566-2

Client Sample ID: T375-W-4.0
Date Collected: 10/04/24 16:30
Date Received: 10/07/24 13:00

Lab Sample ID: 240-212566-29
Matrix: Solid
Percent Solids: 74.6

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cr (VI) (SW846 7196A)	ND		0.55	0.18	mg/Kg	☼	10/14/24 14:58	10/14/24 23:12	1

General Chemistry - ASTM Leach

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cyanide, Free (OI CORP OIA-1677)	0.0095		0.0060	0.0050	mg/L			10/15/24 15:02	1

Client: August Mack Environmental, Inc.
Project/Site: MSC Canfield - Soil

Job ID: 240-212566-2

Client Sample ID: T375-E-2.0
Date Collected: 10/04/24 15:30
Date Received: 10/07/24 13:00

Lab Sample ID: 240-212566-30
Matrix: Solid
Percent Solids: 75.8

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cr (VI) (SW846 7196A)	0.28	J	0.54	0.18	mg/Kg	☼	10/14/24 14:58	10/14/24 23:12	1

General Chemistry - ASTM Leach

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cyanide, Free (OI CORP OIA-1677)	0.020		0.0060	0.0050	mg/L			10/16/24 15:31	1

Client: August Mack Environmental, Inc.
Job ID: 240-212566-2
Project/Site: MSC Canfield - Soil

Client Sample ID: T375-E-4.0
Lab Sample ID: 240-212566-31
Date Collected: 10/04/24 15:35
Matrix: Solid
Date Received: 10/07/24 13:00
Percent Solids: 73.2

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cr (VI) (SW846 7196A)	ND		0.60	0.20	mg/Kg	☼	10/13/24 06:06	10/14/24 20:07	1

General Chemistry - ASTM Leach

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cyanide, Free (OI CORP OIA-1677)	0.0091		0.0060	0.0050	mg/L			10/15/24 14:52	1

Client: August Mack Environmental, Inc.
Project/Site: MSC Canfield - Soil

Job ID: 240-212566-2

Client Sample ID: DUP7-20241005
Date Collected: 10/05/24 00:00
Date Received: 10/07/24 13:00

Lab Sample ID: 240-212566-32
Matrix: Solid
Percent Solids: 87.1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cr (VI) (SW846 7196A)	ND		0.48	0.16	mg/Kg	☼	10/14/24 15:15	10/14/24 23:12	1

General Chemistry - ASTM Leach

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cyanide, Free (OI CORP OIA-1677)	0.0082		0.0060	0.0050	mg/L			10/16/24 15:29	1

Client: August Mack Environmental, Inc.
Project/Site: MSC Canfield - Soil

Job ID: 240-212566-2

Client Sample ID: DUP4-20241004
Date Collected: 10/04/24 00:00
Date Received: 10/07/24 13:00

Lab Sample ID: 240-212566-33
Matrix: Solid
Percent Solids: 76.1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cr (VI) (SW846 7196A)	ND		0.55	0.18	mg/Kg	☼	10/14/24 15:15	10/14/24 23:12	1

General Chemistry - ASTM Leach

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cyanide, Free (OI CORP OIA-1677)	0.0085		0.0060	0.0050	mg/L			10/16/24 15:34	1

Method: 7196A - Chromium, Hexavalent

Lab Sample ID: MB 410-562506/1-A
Matrix: Solid
Analysis Batch: 563053

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 562506

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cr (VI)	ND		0.42	0.14	mg/Kg		10/13/24 06:06	10/14/24 20:07	1

Lab Sample ID: LCS 410-562506/2-A
Matrix: Solid
Analysis Batch: 563053

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 562506

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Cr (VI)	5.00	4.66		mg/Kg		93	80 - 120

Lab Sample ID: LCSI 410-562506/3-A
Matrix: Solid
Analysis Batch: 563053

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 562506

Analyte	Spike Added	LCSI Result	LCSI Qualifier	Unit	D	%Rec	%Rec Limits
Cr (VI)	740	664		mg/Kg		90	80 - 120

Lab Sample ID: 240-212566-19 MSI
Matrix: Solid
Analysis Batch: 563053

Client Sample ID: T750-E-2.0
Prep Type: Total/NA
Prep Batch: 562506

Analyte	Sample Result	Sample Qualifier	Spike Added	MSI Result	MSI Qualifier	Unit	D	%Rec	%Rec Limits
Cr (VI)	ND	F1	1350	824	F1	mg/Kg	☼	61	75 - 125

Lab Sample ID: 240-212566-19 MSS
Matrix: Solid
Analysis Batch: 563053

Client Sample ID: T750-E-2.0
Prep Type: Total/NA
Prep Batch: 562506

Analyte	Sample Result	Sample Qualifier	Spike Added	MSS Result	MSS Qualifier	Unit	D	%Rec	%Rec Limits
Cr (VI)	ND	F1	51.3	4.07	F1	mg/Kg	☼	8	75 - 125

Lab Sample ID: 240-212566-19 DU
Matrix: Solid
Analysis Batch: 563053

Client Sample ID: T750-E-2.0
Prep Type: Total/NA
Prep Batch: 562506

Analyte	Sample Result	Sample Qualifier	DU Result	DU Qualifier	Unit	D	RPD	RPD Limit
Cr (VI)	ND	F1	ND		mg/Kg	☼	NC	20

Lab Sample ID: MB 410-562915/1-A
Matrix: Solid
Analysis Batch: 563076

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 562915

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cr (VI)	ND		0.42	0.14	mg/Kg		10/14/24 14:58	10/14/24 23:12	1

Lab Sample ID: LCS 410-562915/2-A
Matrix: Solid
Analysis Batch: 563076

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 562915

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Cr (VI)	5.00	4.77		mg/Kg		95	80 - 120

Method: 7196A - Chromium, Hexavalent

Lab Sample ID: LCSI 410-562915/3-A
Matrix: Solid
Analysis Batch: 563076

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 562915

Analyte	Spike Added	LCSI Result	LCSI Qualifier	Unit	D	%Rec	%Rec Limits
Cr (VI)	682	672		mg/Kg		99	80 - 120

Lab Sample ID: 240-212566-23 MSI
Matrix: Solid
Analysis Batch: 563076

Client Sample ID: T1125-E-2.0
Prep Type: Total/NA
Prep Batch: 562915

Analyte	Sample Result	Sample Qualifier	Spike Added	MSI Result	MSI Qualifier	Unit	D	%Rec	%Rec Limits
Cr (VI)	ND	F1	824	482	F1	mg/Kg	☼	59	75 - 125

Lab Sample ID: 240-212566-23 MSS
Matrix: Solid
Analysis Batch: 563076

Client Sample ID: T1125-E-2.0
Prep Type: Total/NA
Prep Batch: 562915

Analyte	Sample Result	Sample Qualifier	Spike Added	MSS Result	MSS Qualifier	Unit	D	%Rec	%Rec Limits
Cr (VI)	ND	F1	48.3	1.09	F1	mg/Kg	☼	2	75 - 125

Lab Sample ID: 240-212566-25 MSI
Matrix: Solid
Analysis Batch: 563076

Client Sample ID: T1125-W-2.0
Prep Type: Total/NA
Prep Batch: 562915

Analyte	Sample Result	Sample Qualifier	Spike Added	MSI Result	MSI Qualifier	Unit	D	%Rec	%Rec Limits
Cr (VI)	ND	F1	1100	759	F1	mg/Kg	☼	69	75 - 125

Lab Sample ID: 240-212566-25 MSS
Matrix: Solid
Analysis Batch: 563076

Client Sample ID: T1125-W-2.0
Prep Type: Total/NA
Prep Batch: 562915

Analyte	Sample Result	Sample Qualifier	Spike Added	MSS Result	MSS Qualifier	Unit	D	%Rec	%Rec Limits
Cr (VI)	ND	F1	50.5	3.22	F1	mg/Kg	☼	6	75 - 125

Lab Sample ID: 240-212566-23 DU
Matrix: Solid
Analysis Batch: 563076

Client Sample ID: T1125-E-2.0
Prep Type: Total/NA
Prep Batch: 562915

Analyte	Sample Result	Sample Qualifier	DU Result	DU Qualifier	Unit	D	RPD	RPD Limit
Cr (VI)	ND	F1	ND		mg/Kg	☼	NC	20

Lab Sample ID: 240-212566-25 DU
Matrix: Solid
Analysis Batch: 563076

Client Sample ID: T1125-W-2.0
Prep Type: Total/NA
Prep Batch: 562915

Analyte	Sample Result	Sample Qualifier	DU Result	DU Qualifier	Unit	D	RPD	RPD Limit
Cr (VI)	ND	F1	ND		mg/Kg	☼	NC	20

Method: OIA-1677 - Cyanide, Free (Flow Injection)

Lab Sample ID: MB 410-563892/17
Matrix: Solid
Analysis Batch: 563892

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cyanide, Free	ND		0.0060	0.0050	mg/L			10/15/24 13:25	1

Lab Sample ID: MB 410-563892/33
Matrix: Solid
Analysis Batch: 563892

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cyanide, Free	ND		0.0060	0.0050	mg/L			10/15/24 14:05	1

Lab Sample ID: MB 410-563892/49
Matrix: Solid
Analysis Batch: 563892

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cyanide, Free	ND		0.0060	0.0050	mg/L			10/15/24 14:45	1

Lab Sample ID: LCS 410-563892/16
Matrix: Solid
Analysis Batch: 563892

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Cyanide, Free	0.0500	0.0503		mg/L		101	82 - 132

Lab Sample ID: LCS 410-563892/32
Matrix: Solid
Analysis Batch: 563892

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Cyanide, Free	0.0500	0.0561		mg/L		112	82 - 132

Lab Sample ID: LCS 410-563892/48
Matrix: Solid
Analysis Batch: 563892

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Cyanide, Free	0.0500	0.0527		mg/L		105	82 - 132

Lab Sample ID: MB 410-564485/17
Matrix: Solid
Analysis Batch: 564485

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cyanide, Free	ND		0.0060	0.0050	mg/L			10/16/24 15:19	1

Lab Sample ID: MB 410-564485/33
Matrix: Solid
Analysis Batch: 564485

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cyanide, Free	ND		0.0060	0.0050	mg/L			10/16/24 15:59	1

Method: OIA-1677 - Cyanide, Free (Flow Injection)

Lab Sample ID: MB 410-564485/49
Matrix: Solid
Analysis Batch: 564485

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cyanide, Free	ND		0.0060	0.0050	mg/L			10/16/24 16:39	1

Lab Sample ID: LCS 410-564485/16
Matrix: Solid
Analysis Batch: 564485

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Cyanide, Free	0.0500	0.0529		mg/L		106	82 - 132

Lab Sample ID: LCS 410-564485/32
Matrix: Solid
Analysis Batch: 564485

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Cyanide, Free	0.0500	0.0469		mg/L		94	82 - 132

Lab Sample ID: LCS 410-564485/48
Matrix: Solid
Analysis Batch: 564485

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Cyanide, Free	0.0500	0.0557		mg/L		111	82 - 132

Lab Sample ID: 240-212566-23 MS
Matrix: Solid
Analysis Batch: 563892

Client Sample ID: T1125-E-2.0
Prep Type: ASTM Leach

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Cyanide, Free	ND		0.0500	0.0579		mg/L		116	82 - 130

Lab Sample ID: 240-212566-23 MSD
Matrix: Solid
Analysis Batch: 563892

Client Sample ID: T1125-E-2.0
Prep Type: ASTM Leach

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Cyanide, Free	ND		0.0500	0.0521		mg/L		104	82 - 130	11	11

Lab Sample ID: 240-212566-25 MS
Matrix: Solid
Analysis Batch: 563892

Client Sample ID: T1125-W-2.0
Prep Type: ASTM Leach

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Cyanide, Free	0.0088		0.0500	0.0592		mg/L		101	82 - 130

Lab Sample ID: 240-212566-25 MSD
Matrix: Solid
Analysis Batch: 563892

Client Sample ID: T1125-W-2.0
Prep Type: ASTM Leach

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Cyanide, Free	0.0088		0.0500	0.0607		mg/L		104	82 - 130	2	11

Method: OIA-1677 - Cyanide, Free (Flow Injection)

Lab Sample ID: 240-212566-31 MS
Matrix: Solid
Analysis Batch: 563892

Client Sample ID: T375-E-4.0
Prep Type: ASTM Leach

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Cyanide, Free	0.0091		0.0500	0.0552		mg/L		92	82 - 130

Lab Sample ID: 240-212566-31 MSD
Matrix: Solid
Analysis Batch: 563892

Client Sample ID: T375-E-4.0
Prep Type: ASTM Leach

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Cyanide, Free	0.0091		0.0500	0.0551		mg/L		92	82 - 130	0	11

Lab Sample ID: 240-212566-3 MS
Matrix: Solid
Analysis Batch: 564485

Client Sample ID: T875-E-2.0
Prep Type: ASTM Leach

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Cyanide, Free	ND		0.0500	0.0445		mg/L		89	82 - 130

Lab Sample ID: 240-212566-3 MSD
Matrix: Solid
Analysis Batch: 564485

Client Sample ID: T875-E-2.0
Prep Type: ASTM Leach

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Cyanide, Free	ND		0.0500	0.0443		mg/L		89	82 - 130	0	11

Lab Sample ID: 240-212566-6 MS
Matrix: Solid
Analysis Batch: 564485

Client Sample ID: T875-W-2.0
Prep Type: ASTM Leach

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Cyanide, Free	0.0057	J	0.0500	0.0524		mg/L		94	82 - 130

Lab Sample ID: 240-212566-6 MSD
Matrix: Solid
Analysis Batch: 564485

Client Sample ID: T875-W-2.0
Prep Type: ASTM Leach

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Cyanide, Free	0.0057	J	0.0500	0.0510		mg/L		91	82 - 130	3	11

Lab Sample ID: 240-212566-19 MS
Matrix: Solid
Analysis Batch: 564485

Client Sample ID: T750-E-2.0
Prep Type: ASTM Leach

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Cyanide, Free	0.0074		0.0500	0.0585		mg/L		102	82 - 130

Lab Sample ID: 240-212566-19 MSD
Matrix: Solid
Analysis Batch: 564485

Client Sample ID: T750-E-2.0
Prep Type: ASTM Leach

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Cyanide, Free	0.0074		0.0500	0.0586		mg/L		103	82 - 130	0	11

General Chemistry

Leach Batch: 561518

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
240-212566-1	DUP-6-20241005	ASTM Leach	Solid	D3987-85	
240-212566-2	T750-W-2.0	ASTM Leach	Solid	D3987-85	
240-212566-3	T875-E-2.0	ASTM Leach	Solid	D3987-85	
240-212566-5	T875-E-4.0	ASTM Leach	Solid	D3987-85	
240-212566-6	T875-W-2.0	ASTM Leach	Solid	D3987-85	
240-212566-7	T875-W-4.0	ASTM Leach	Solid	D3987-85	
240-212566-12	T500-W-2.0	ASTM Leach	Solid	D3987-85	
240-212566-13	T500-W-4.0	ASTM Leach	Solid	D3987-85	
240-212566-14	T625-E-2.0	ASTM Leach	Solid	D3987-85	
240-212566-15	T625-E-4.0	ASTM Leach	Solid	D3987-85	
240-212566-16	T625-C-2.0	ASTM Leach	Solid	D3987-85	
240-212566-18	T625-W-2.0	ASTM Leach	Solid	D3987-85	
240-212566-19	T750-E-2.0	ASTM Leach	Solid	D3987-85	
240-212566-20	T750-E-4.0	ASTM Leach	Solid	D3987-85	
240-212566-28	T375-W-2.0	ASTM Leach	Solid	D3987-85	
240-212566-30	T375-E-2.0	ASTM Leach	Solid	D3987-85	
240-212566-31	T375-E-4.0	ASTM Leach	Solid	D3987-85	
240-212566-32	DUP7-20241005	ASTM Leach	Solid	D3987-85	
240-212566-33	DUP4-20241004	ASTM Leach	Solid	D3987-85	
240-212566-3 MS	T875-E-2.0	ASTM Leach	Solid	D3987-85	
240-212566-3 MSD	T875-E-2.0	ASTM Leach	Solid	D3987-85	
240-212566-6 MS	T875-W-2.0	ASTM Leach	Solid	D3987-85	
240-212566-6 MSD	T875-W-2.0	ASTM Leach	Solid	D3987-85	
240-212566-19 MS	T750-E-2.0	ASTM Leach	Solid	D3987-85	
240-212566-19 MSD	T750-E-2.0	ASTM Leach	Solid	D3987-85	
240-212566-31 MS	T375-E-4.0	ASTM Leach	Solid	D3987-85	
240-212566-31 MSD	T375-E-4.0	ASTM Leach	Solid	D3987-85	

Leach Batch: 561998

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
240-212566-4	DUP-7-20241005	ASTM Leach	Solid	D3987-85	
240-212566-8	T1000-C-2.0	ASTM Leach	Solid	D3987-85	
240-212566-9	T1000-C-4.0	ASTM Leach	Solid	D3987-85	
240-212566-10	T1000-W-2.0	ASTM Leach	Solid	D3987-85	
240-212566-17	T625-C-4.0	ASTM Leach	Solid	D3987-85	
240-212566-22	DUP-5-20241005	ASTM Leach	Solid	D3987-85	
240-212566-23	T1125-E-2.0	ASTM Leach	Solid	D3987-85	
240-212566-24	T1125-E-4.0	ASTM Leach	Solid	D3987-85	
240-212566-25	T1125-W-2.0	ASTM Leach	Solid	D3987-85	
240-212566-29	T375-W-4.0	ASTM Leach	Solid	D3987-85	
240-212566-23 MS	T1125-E-2.0	ASTM Leach	Solid	D3987-85	
240-212566-23 MSD	T1125-E-2.0	ASTM Leach	Solid	D3987-85	
240-212566-25 MS	T1125-W-2.0	ASTM Leach	Solid	D3987-85	
240-212566-25 MSD	T1125-W-2.0	ASTM Leach	Solid	D3987-85	

Prep Batch: 562506

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
240-212566-1	DUP-6-20241005	Total/NA	Solid	3060A	
240-212566-5	T875-E-4.0	Total/NA	Solid	3060A	
240-212566-7	T875-W-4.0	Total/NA	Solid	3060A	
240-212566-8	T1000-C-2.0	Total/NA	Solid	3060A	

General Chemistry (Continued)

Prep Batch: 562506 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
240-212566-13	T500-W-4.0	Total/NA	Solid	3060A	
240-212566-14	T625-E-2.0	Total/NA	Solid	3060A	
240-212566-15	T625-E-4.0	Total/NA	Solid	3060A	
240-212566-16	T625-C-2.0	Total/NA	Solid	3060A	
240-212566-19	T750-E-2.0	Total/NA	Solid	3060A	
240-212566-28	T375-W-2.0	Total/NA	Solid	3060A	
240-212566-31	T375-E-4.0	Total/NA	Solid	3060A	
MB 410-562506/1-A	Method Blank	Total/NA	Solid	3060A	
LCS 410-562506/2-A	Lab Control Sample	Total/NA	Solid	3060A	
LCSI 410-562506/3-A	Lab Control Sample	Total/NA	Solid	3060A	
240-212566-19 MSI	T750-E-2.0	Total/NA	Solid	3060A	
240-212566-19 MSS	T750-E-2.0	Total/NA	Solid	3060A	
240-212566-19 DU	T750-E-2.0	Total/NA	Solid	3060A	

Prep Batch: 562915

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
240-212566-2	T750-W-2.0	Total/NA	Solid	3060A	
240-212566-3	T875-E-2.0	Total/NA	Solid	3060A	
240-212566-4	DUP-7-20241005	Total/NA	Solid	3060A	
240-212566-6	T875-W-2.0	Total/NA	Solid	3060A	
240-212566-9	T1000-C-4.0	Total/NA	Solid	3060A	
240-212566-10	T1000-W-2.0	Total/NA	Solid	3060A	
240-212566-12	T500-W-2.0	Total/NA	Solid	3060A	
240-212566-17	T625-C-4.0	Total/NA	Solid	3060A	
240-212566-18	T625-W-2.0	Total/NA	Solid	3060A	
240-212566-20	T750-E-4.0	Total/NA	Solid	3060A	
240-212566-22	DUP-5-20241005	Total/NA	Solid	3060A	
240-212566-23	T1125-E-2.0	Total/NA	Solid	3060A	
240-212566-24	T1125-E-4.0	Total/NA	Solid	3060A	
240-212566-25	T1125-W-2.0	Total/NA	Solid	3060A	
240-212566-29	T375-W-4.0	Total/NA	Solid	3060A	
240-212566-30	T375-E-2.0	Total/NA	Solid	3060A	
240-212566-32	DUP7-20241005	Total/NA	Solid	3060A	
240-212566-33	DUP4-20241004	Total/NA	Solid	3060A	
MB 410-562915/1-A	Method Blank	Total/NA	Solid	3060A	
LCS 410-562915/2-A	Lab Control Sample	Total/NA	Solid	3060A	
LCSI 410-562915/3-A	Lab Control Sample	Total/NA	Solid	3060A	
240-212566-23 MSI	T1125-E-2.0	Total/NA	Solid	3060A	
240-212566-23 MSS	T1125-E-2.0	Total/NA	Solid	3060A	
240-212566-25 MSI	T1125-W-2.0	Total/NA	Solid	3060A	
240-212566-25 MSS	T1125-W-2.0	Total/NA	Solid	3060A	
240-212566-23 DU	T1125-E-2.0	Total/NA	Solid	3060A	
240-212566-25 DU	T1125-W-2.0	Total/NA	Solid	3060A	

Analysis Batch: 563053

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
240-212566-1	DUP-6-20241005	Total/NA	Solid	7196A	562506
240-212566-5	T875-E-4.0	Total/NA	Solid	7196A	562506
240-212566-7	T875-W-4.0	Total/NA	Solid	7196A	562506
240-212566-8	T1000-C-2.0	Total/NA	Solid	7196A	562506
240-212566-13	T500-W-4.0	Total/NA	Solid	7196A	562506

General Chemistry (Continued)

Analysis Batch: 563053 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
240-212566-14	T625-E-2.0	Total/NA	Solid	7196A	562506
240-212566-15	T625-E-4.0	Total/NA	Solid	7196A	562506
240-212566-16	T625-C-2.0	Total/NA	Solid	7196A	562506
240-212566-19	T750-E-2.0	Total/NA	Solid	7196A	562506
240-212566-28	T375-W-2.0	Total/NA	Solid	7196A	562506
240-212566-31	T375-E-4.0	Total/NA	Solid	7196A	562506
MB 410-562506/1-A	Method Blank	Total/NA	Solid	7196A	562506
LCS 410-562506/2-A	Lab Control Sample	Total/NA	Solid	7196A	562506
LCSI 410-562506/3-A	Lab Control Sample	Total/NA	Solid	7196A	562506
240-212566-19 MSI	T750-E-2.0	Total/NA	Solid	7196A	562506
240-212566-19 MSS	T750-E-2.0	Total/NA	Solid	7196A	562506
240-212566-19 DU	T750-E-2.0	Total/NA	Solid	7196A	562506

Analysis Batch: 563076

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
240-212566-2	T750-W-2.0	Total/NA	Solid	7196A	562915
240-212566-3	T875-E-2.0	Total/NA	Solid	7196A	562915
240-212566-4	DUP-7-20241005	Total/NA	Solid	7196A	562915
240-212566-6	T875-W-2.0	Total/NA	Solid	7196A	562915
240-212566-9	T1000-C-4.0	Total/NA	Solid	7196A	562915
240-212566-10	T1000-W-2.0	Total/NA	Solid	7196A	562915
240-212566-12	T500-W-2.0	Total/NA	Solid	7196A	562915
240-212566-17	T625-C-4.0	Total/NA	Solid	7196A	562915
240-212566-18	T625-W-2.0	Total/NA	Solid	7196A	562915
240-212566-20	T750-E-4.0	Total/NA	Solid	7196A	562915
240-212566-22	DUP-5-20241005	Total/NA	Solid	7196A	562915
240-212566-23	T1125-E-2.0	Total/NA	Solid	7196A	562915
240-212566-24	T1125-E-4.0	Total/NA	Solid	7196A	562915
240-212566-25	T1125-W-2.0	Total/NA	Solid	7196A	562915
240-212566-29	T375-W-4.0	Total/NA	Solid	7196A	562915
240-212566-30	T375-E-2.0	Total/NA	Solid	7196A	562915
240-212566-32	DUP7-20241005	Total/NA	Solid	7196A	562915
240-212566-33	DUP4-20241004	Total/NA	Solid	7196A	562915
MB 410-562915/1-A	Method Blank	Total/NA	Solid	7196A	562915
LCS 410-562915/2-A	Lab Control Sample	Total/NA	Solid	7196A	562915
LCSI 410-562915/3-A	Lab Control Sample	Total/NA	Solid	7196A	562915
240-212566-23 MSI	T1125-E-2.0	Total/NA	Solid	7196A	562915
240-212566-23 MSS	T1125-E-2.0	Total/NA	Solid	7196A	562915
240-212566-25 MSI	T1125-W-2.0	Total/NA	Solid	7196A	562915
240-212566-25 MSS	T1125-W-2.0	Total/NA	Solid	7196A	562915
240-212566-23 DU	T1125-E-2.0	Total/NA	Solid	7196A	562915
240-212566-25 DU	T1125-W-2.0	Total/NA	Solid	7196A	562915

Analysis Batch: 563892

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
240-212566-7	T875-W-4.0	ASTM Leach	Solid	OIA-1677	561518
240-212566-8	T1000-C-2.0	ASTM Leach	Solid	OIA-1677	561998
240-212566-9	T1000-C-4.0	ASTM Leach	Solid	OIA-1677	561998
240-212566-10	T1000-W-2.0	ASTM Leach	Solid	OIA-1677	561998
240-212566-17	T625-C-4.0	ASTM Leach	Solid	OIA-1677	561998
240-212566-18	T625-W-2.0	ASTM Leach	Solid	OIA-1677	561518

General Chemistry (Continued)

Analysis Batch: 563892 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
240-212566-20	T750-E-4.0	ASTM Leach	Solid	OIA-1677	561518
240-212566-22	DUP-5-20241005	ASTM Leach	Solid	OIA-1677	561998
240-212566-23	T1125-E-2.0	ASTM Leach	Solid	OIA-1677	561998
240-212566-24	T1125-E-4.0	ASTM Leach	Solid	OIA-1677	561998
240-212566-25	T1125-W-2.0	ASTM Leach	Solid	OIA-1677	561998
240-212566-28	T375-W-2.0	ASTM Leach	Solid	OIA-1677	561518
240-212566-29	T375-W-4.0	ASTM Leach	Solid	OIA-1677	561998
240-212566-31	T375-E-4.0	ASTM Leach	Solid	OIA-1677	561518
MB 410-563892/17	Method Blank	Total/NA	Solid	OIA-1677	
MB 410-563892/33	Method Blank	Total/NA	Solid	OIA-1677	
MB 410-563892/49	Method Blank	Total/NA	Solid	OIA-1677	
LCS 410-563892/16	Lab Control Sample	Total/NA	Solid	OIA-1677	
LCS 410-563892/32	Lab Control Sample	Total/NA	Solid	OIA-1677	
LCS 410-563892/48	Lab Control Sample	Total/NA	Solid	OIA-1677	
240-212566-23 MS	T1125-E-2.0	ASTM Leach	Solid	OIA-1677	561998
240-212566-23 MSD	T1125-E-2.0	ASTM Leach	Solid	OIA-1677	561998
240-212566-25 MS	T1125-W-2.0	ASTM Leach	Solid	OIA-1677	561998
240-212566-25 MSD	T1125-W-2.0	ASTM Leach	Solid	OIA-1677	561998
240-212566-31 MS	T375-E-4.0	ASTM Leach	Solid	OIA-1677	561518
240-212566-31 MSD	T375-E-4.0	ASTM Leach	Solid	OIA-1677	561518

Analysis Batch: 564485

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
240-212566-1	DUP-6-20241005	ASTM Leach	Solid	OIA-1677	561518
240-212566-2	T750-W-2.0	ASTM Leach	Solid	OIA-1677	561518
240-212566-3	T875-E-2.0	ASTM Leach	Solid	OIA-1677	561518
240-212566-4	DUP-7-20241005	ASTM Leach	Solid	OIA-1677	561998
240-212566-5	T875-E-4.0	ASTM Leach	Solid	OIA-1677	561518
240-212566-6	T875-W-2.0	ASTM Leach	Solid	OIA-1677	561518
240-212566-12	T500-W-2.0	ASTM Leach	Solid	OIA-1677	561518
240-212566-13	T500-W-4.0	ASTM Leach	Solid	OIA-1677	561518
240-212566-14	T625-E-2.0	ASTM Leach	Solid	OIA-1677	561518
240-212566-15	T625-E-4.0	ASTM Leach	Solid	OIA-1677	561518
240-212566-16	T625-C-2.0	ASTM Leach	Solid	OIA-1677	561518
240-212566-19	T750-E-2.0	ASTM Leach	Solid	OIA-1677	561518
240-212566-30	T375-E-2.0	ASTM Leach	Solid	OIA-1677	561518
240-212566-32	DUP7-20241005	ASTM Leach	Solid	OIA-1677	561518
240-212566-33	DUP4-20241004	ASTM Leach	Solid	OIA-1677	561518
MB 410-564485/17	Method Blank	Total/NA	Solid	OIA-1677	
MB 410-564485/33	Method Blank	Total/NA	Solid	OIA-1677	
MB 410-564485/49	Method Blank	Total/NA	Solid	OIA-1677	
LCS 410-564485/16	Lab Control Sample	Total/NA	Solid	OIA-1677	
LCS 410-564485/32	Lab Control Sample	Total/NA	Solid	OIA-1677	
LCS 410-564485/48	Lab Control Sample	Total/NA	Solid	OIA-1677	
240-212566-3 MS	T875-E-2.0	ASTM Leach	Solid	OIA-1677	561518
240-212566-3 MSD	T875-E-2.0	ASTM Leach	Solid	OIA-1677	561518
240-212566-6 MS	T875-W-2.0	ASTM Leach	Solid	OIA-1677	561518
240-212566-6 MSD	T875-W-2.0	ASTM Leach	Solid	OIA-1677	561518
240-212566-19 MS	T750-E-2.0	ASTM Leach	Solid	OIA-1677	561518
240-212566-19 MSD	T750-E-2.0	ASTM Leach	Solid	OIA-1677	561518

Lab Chronicle

Client: August Mack Environmental, Inc.
Project/Site: MSC Canfield - Soil

Job ID: 240-212566-2

Client Sample ID: DUP-6-20241005
Lab Sample ID: 240-212566-1
Date Collected: 10/05/24 00:00
Matrix: Solid
Date Received: 10/07/24 13:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
ASTM Leach	Leach	D3987-85			561518	UNWS	ELLE	10/10/24 14:05 - 10/11/24 07:54 [1]
ASTM Leach	Analysis	OIA-1677		1	564485	UJE2	ELLE	10/16/24 15:49

Client Sample ID: DUP-6-20241005
Lab Sample ID: 240-212566-1
Date Collected: 10/05/24 00:00
Matrix: Solid
Date Received: 10/07/24 13:00
Percent Solids: 82.3

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	3060A			562506	UDS7	ELLE	10/13/24 06:06
Total/NA	Analysis	7196A		1	563053	UDS7	ELLE	10/14/24 20:07

Client Sample ID: T750-W-2.0
Lab Sample ID: 240-212566-2
Date Collected: 10/05/24 13:00
Matrix: Solid
Date Received: 10/07/24 13:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
ASTM Leach	Leach	D3987-85			561518	UNWS	ELLE	10/10/24 14:05 - 10/11/24 07:54 [1]
ASTM Leach	Analysis	OIA-1677		1	564485	UJE2	ELLE	10/16/24 15:46

Client Sample ID: T750-W-2.0
Lab Sample ID: 240-212566-2
Date Collected: 10/05/24 13:00
Matrix: Solid
Date Received: 10/07/24 13:00
Percent Solids: 84.8

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	3060A			562915	W2JF	ELLE	10/14/24 14:58
Total/NA	Analysis	7196A		1	563076	UDS7	ELLE	10/14/24 23:12

Client Sample ID: T875-E-2.0
Lab Sample ID: 240-212566-3
Date Collected: 10/05/24 14:30
Matrix: Solid
Date Received: 10/07/24 13:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
ASTM Leach	Leach	D3987-85			561518	UNWS	ELLE	10/10/24 14:05 - 10/11/24 07:54 [1]
ASTM Leach	Analysis	OIA-1677		1	564485	UJE2	ELLE	10/16/24 16:01

Client Sample ID: T875-E-2.0
Lab Sample ID: 240-212566-3
Date Collected: 10/05/24 14:30
Matrix: Solid
Date Received: 10/07/24 13:00
Percent Solids: 80.6

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	3060A			562915	W2JF	ELLE	10/14/24 14:58
Total/NA	Analysis	7196A		1	563076	UDS7	ELLE	10/14/24 23:12

Lab Chronicle

Client: August Mack Environmental, Inc.
Project/Site: MSC Canfield - Soil

Job ID: 240-212566-2

Client Sample ID: DUP-7-20241005
Lab Sample ID: 240-212566-4

Date Collected: 10/05/24 00:00
Matrix: Solid
Date Received: 10/07/24 13:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
ASTM Leach	Leach	D3987-85			561998	UNWS	ELLE	10/11/24 14:26 - 10/12/24 08:20 [1]
ASTM Leach	Analysis	OIA-1677		1	564485	UJE2	ELLE	10/16/24 16:21

Client Sample ID: DUP-7-20241005
Lab Sample ID: 240-212566-4

Date Collected: 10/05/24 00:00
Matrix: Solid
Date Received: 10/07/24 13:00
Percent Solids: 81.1

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	3060A			562915	W2JF	ELLE	10/14/24 14:58
Total/NA	Analysis	7196A		1	563076	UDS7	ELLE	10/14/24 23:12

Client Sample ID: T875-E-4.0
Lab Sample ID: 240-212566-5

Date Collected: 10/05/24 14:50
Matrix: Solid
Date Received: 10/07/24 13:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
ASTM Leach	Leach	D3987-85			561518	UNWS	ELLE	10/10/24 14:05 - 10/11/24 07:54 [1]
ASTM Leach	Analysis	OIA-1677		1	564485	UJE2	ELLE	10/16/24 15:54

Client Sample ID: T875-E-4.0
Lab Sample ID: 240-212566-5

Date Collected: 10/05/24 14:50
Matrix: Solid
Date Received: 10/07/24 13:00
Percent Solids: 81.8

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	3060A			562506	UDS7	ELLE	10/13/24 06:06
Total/NA	Analysis	7196A		1	563053	UDS7	ELLE	10/14/24 20:07

Client Sample ID: T875-W-2.0
Lab Sample ID: 240-212566-6

Date Collected: 10/05/24 15:50
Matrix: Solid
Date Received: 10/07/24 13:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
ASTM Leach	Leach	D3987-85			561518	UNWS	ELLE	10/10/24 14:05 - 10/11/24 07:54 [1]
ASTM Leach	Analysis	OIA-1677		1	564485	UJE2	ELLE	10/16/24 16:46

Client Sample ID: T875-W-2.0
Lab Sample ID: 240-212566-6

Date Collected: 10/05/24 15:50
Matrix: Solid
Date Received: 10/07/24 13:00
Percent Solids: 87.5

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	3060A			562915	W2JF	ELLE	10/14/24 14:58
Total/NA	Analysis	7196A		1	563076	UDS7	ELLE	10/14/24 23:12

Lab Chronicle

Client: August Mack Environmental, Inc.
Project/Site: MSC Canfield - Soil

Job ID: 240-212566-2

Client Sample ID: T875-W-4.0
Date Collected: 10/06/24 16:00
Date Received: 10/07/24 13:00

Lab Sample ID: 240-212566-7
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
ASTM Leach	Leach	D3987-85			561518	UNWS	ELLE	10/10/24 14:05 - 10/11/24 07:54 [1]
ASTM Leach	Analysis	OIA-1677		1	563892	UJE2	ELLE	10/15/24 15:25

Client Sample ID: T875-W-4.0
Date Collected: 10/06/24 16:00
Date Received: 10/07/24 13:00

Lab Sample ID: 240-212566-7
Matrix: Solid
Percent Solids: 100.0

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	3060A			562506	UDS7	ELLE	10/13/24 06:06
Total/NA	Analysis	7196A		1	563053	UDS7	ELLE	10/14/24 20:07

Client Sample ID: T1000-C-2.0
Date Collected: 10/06/24 11:50
Date Received: 10/07/24 13:00

Lab Sample ID: 240-212566-8
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
ASTM Leach	Leach	D3987-85			561998	UNWS	ELLE	10/11/24 14:26 - 10/12/24 08:20 [1]
ASTM Leach	Analysis	OIA-1677		1	563892	UJE2	ELLE	10/15/24 14:30

Client Sample ID: T1000-C-2.0
Date Collected: 10/06/24 11:50
Date Received: 10/07/24 13:00

Lab Sample ID: 240-212566-8
Matrix: Solid
Percent Solids: 62.2

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	3060A			562506	UDS7	ELLE	10/13/24 06:06
Total/NA	Analysis	7196A		1	563053	UDS7	ELLE	10/14/24 20:07

Client Sample ID: T1000-C-4.0
Date Collected: 10/06/24 12:00
Date Received: 10/07/24 13:00

Lab Sample ID: 240-212566-9
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
ASTM Leach	Leach	D3987-85			561998	UNWS	ELLE	10/11/24 14:26 - 10/12/24 08:20 [1]
ASTM Leach	Analysis	OIA-1677		1	563892	UJE2	ELLE	10/15/24 14:32

Client Sample ID: T1000-C-4.0
Date Collected: 10/06/24 12:00
Date Received: 10/07/24 13:00

Lab Sample ID: 240-212566-9
Matrix: Solid
Percent Solids: 81.4

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	3060A			562915	W2JF	ELLE	10/14/24 14:58
Total/NA	Analysis	7196A		5	563076	UDS7	ELLE	10/14/24 23:12

Lab Chronicle

Client: August Mack Environmental, Inc.
Project/Site: MSC Canfield - Soil

Job ID: 240-212566-2

Client Sample ID: T1000-W-2.0
Date Collected: 10/06/24 12:13
Date Received: 10/07/24 13:00

Lab Sample ID: 240-212566-10
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
ASTM Leach	Leach	D3987-85			561998	UNWS	ELLE	10/11/24 14:26 - 10/12/24 08:20 [1]
ASTM Leach	Analysis	OIA-1677		1	563892	UJE2	ELLE	10/15/24 14:27

Client Sample ID: T1000-W-2.0
Date Collected: 10/06/24 12:13
Date Received: 10/07/24 13:00

Lab Sample ID: 240-212566-10
Matrix: Solid
Percent Solids: 88.2

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	3060A			562915	W2JF	ELLE	10/14/24 14:58
Total/NA	Analysis	7196A		1	563076	UDS7	ELLE	10/14/24 23:12

Client Sample ID: T500-W-2.0
Date Collected: 10/05/24 08:42
Date Received: 10/07/24 13:00

Lab Sample ID: 240-212566-12
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
ASTM Leach	Leach	D3987-85			561518	UNWS	ELLE	10/10/24 14:05 - 10/11/24 07:54 [1]
ASTM Leach	Analysis	OIA-1677		1	564485	UJE2	ELLE	10/16/24 16:09

Client Sample ID: T500-W-2.0
Date Collected: 10/05/24 08:42
Date Received: 10/07/24 13:00

Lab Sample ID: 240-212566-12
Matrix: Solid
Percent Solids: 75.8

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	3060A			562915	W2JF	ELLE	10/14/24 14:58
Total/NA	Analysis	7196A		1	563076	UDS7	ELLE	10/14/24 23:12

Client Sample ID: T500-W-4.0
Date Collected: 10/05/24 08:55
Date Received: 10/07/24 13:00

Lab Sample ID: 240-212566-13
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
ASTM Leach	Leach	D3987-85			561518	UNWS	ELLE	10/10/24 14:05 - 10/11/24 07:54 [1]
ASTM Leach	Analysis	OIA-1677		1	564485	UJE2	ELLE	10/16/24 15:36

Client Sample ID: T500-W-4.0
Date Collected: 10/05/24 08:55
Date Received: 10/07/24 13:00

Lab Sample ID: 240-212566-13
Matrix: Solid
Percent Solids: 77.9

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	3060A			562506	UDS7	ELLE	10/13/24 06:06
Total/NA	Analysis	7196A		1	563053	UDS7	ELLE	10/14/24 20:07

Client Sample ID: T625-E-2.0 — **Lab Sample ID: 240-212566-14**
Date Collected: 10/05/24 09:30 — **Matrix: Solid**
Date Received: 10/07/24 13:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
ASTM Leach	Leach	D3987-85			561518	UNWS	ELLE	10/10/24 14:05 - 10/11/24 07:54 [1]
ASTM Leach	Analysis	OIA-1677		1	564485	UJE2	ELLE	10/16/24 15:39

Client Sample ID: T625-E-2.0 — **Lab Sample ID: 240-212566-14**
Date Collected: 10/05/24 09:30 — **Matrix: Solid**
Date Received: 10/07/24 13:00 — **Percent Solids: 78.1**

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	3060A			562506	UDS7	ELLE	10/13/24 06:06
Total/NA	Analysis	7196A		1	563053	UDS7	ELLE	10/14/24 20:07

Client Sample ID: T625-E-4.0 — **Lab Sample ID: 240-212566-15**
Date Collected: 10/05/24 09:45 — **Matrix: Solid**
Date Received: 10/07/24 13:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
ASTM Leach	Leach	D3987-85			561518	UNWS	ELLE	10/10/24 14:05 - 10/11/24 07:54 [1]
ASTM Leach	Analysis	OIA-1677		1	564485	UJE2	ELLE	10/16/24 15:51

Client Sample ID: T625-E-4.0 — **Lab Sample ID: 240-212566-15**
Date Collected: 10/05/24 09:45 — **Matrix: Solid**
Date Received: 10/07/24 13:00 — **Percent Solids: 79.5**

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	3060A			562506	UDS7	ELLE	10/13/24 06:06
Total/NA	Analysis	7196A		1	563053	UDS7	ELLE	10/14/24 20:07

Client Sample ID: T625-C-2.0 — **Lab Sample ID: 240-212566-16**
Date Collected: 10/05/24 10:15 — **Matrix: Solid**
Date Received: 10/07/24 13:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
ASTM Leach	Leach	D3987-85			561518	UNWS	ELLE	10/10/24 14:05 - 10/11/24 07:54 [1]
ASTM Leach	Analysis	OIA-1677		1	564485	UJE2	ELLE	10/16/24 16:16

Client Sample ID: T625-C-2.0 — **Lab Sample ID: 240-212566-16**
Date Collected: 10/05/24 10:15 — **Matrix: Solid**
Date Received: 10/07/24 13:00 — **Percent Solids: 79.0**

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	3060A			562506	UDS7	ELLE	10/13/24 06:06
Total/NA	Analysis	7196A		1	563053	UDS7	ELLE	10/14/24 20:07

Lab Chronicle

Client: August Mack Environmental, Inc.
Project/Site: MSC Canfield - Soil

Job ID: 240-212566-2

Client Sample ID: T625-C-4.0

Lab Sample ID: 240-212566-17

Date Collected: 10/05/24 10:30
Matrix: Solid
Date Received: 10/07/24 13:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
ASTM Leach	Leach	D3987-85			561998	UNWS	ELLE	10/11/24 14:26 - 10/12/24 08:20 [1]
ASTM Leach	Analysis	OIA-1677		1	563892	UJE2	ELLE	10/15/24 14:25

Client Sample ID: T625-C-4.0

Lab Sample ID: 240-212566-17

Date Collected: 10/05/24 10:30
Matrix: Solid
Date Received: 10/07/24 13:00
Percent Solids: 81.8

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	3060A			562915	W2JF	ELLE	10/14/24 14:58
Total/NA	Analysis	7196A		1	563076	UDS7	ELLE	10/14/24 23:12

Client Sample ID: T625-W-2.0

Lab Sample ID: 240-212566-18

Date Collected: 10/05/24 11:00
Matrix: Solid
Date Received: 10/07/24 13:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
ASTM Leach	Leach	D3987-85			561518	UNWS	ELLE	10/10/24 14:05 - 10/11/24 07:54 [1]
ASTM Leach	Analysis	OIA-1677		1	563892	UJE2	ELLE	10/15/24 15:00

Client Sample ID: T625-W-2.0

Lab Sample ID: 240-212566-18

Date Collected: 10/05/24 11:00
Matrix: Solid
Date Received: 10/07/24 13:00
Percent Solids: 84.4

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	3060A			562915	W2JF	ELLE	10/14/24 14:58
Total/NA	Analysis	7196A		1	563076	UDS7	ELLE	10/14/24 23:12

Client Sample ID: T750-E-2.0

Lab Sample ID: 240-212566-19

Date Collected: 10/05/24 12:15
Matrix: Solid
Date Received: 10/07/24 13:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
ASTM Leach	Leach	D3987-85			561518	UNWS	ELLE	10/10/24 14:05 - 10/11/24 07:54 [1]
ASTM Leach	Analysis	OIA-1677		1	564485	UJE2	ELLE	10/16/24 15:21

Client Sample ID: T750-E-2.0

Lab Sample ID: 240-212566-19

Date Collected: 10/05/24 12:15
Matrix: Solid
Date Received: 10/07/24 13:00
Percent Solids: 78.3

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	3060A			562506	UDS7	ELLE	10/13/24 06:06
Total/NA	Analysis	7196A		1	563053	UDS7	ELLE	10/14/24 20:07

Lab Chronicle

Client: August Mack Environmental, Inc.
Project/Site: MSC Canfield - Soil

Job ID: 240-212566-2

Client Sample ID: T750-E-4.0
Lab Sample ID: 240-212566-20
Date Collected: 10/05/24 12:40
Matrix: Solid
Date Received: 10/07/24 13:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
ASTM Leach	Leach	D3987-85			561518	UNWS	ELLE	10/10/24 14:05 - 10/11/24 07:54 [1]
ASTM Leach	Analysis	OIA-1677		1	563892	UJE2	ELLE	10/15/24 14:35

Client Sample ID: T750-E-4.0
Lab Sample ID: 240-212566-20
Date Collected: 10/05/24 12:40
Matrix: Solid
Date Received: 10/07/24 13:00
Percent Solids: 77.2

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	3060A			562915	W2JF	ELLE	10/14/24 14:58
Total/NA	Analysis	7196A		1	563076	UDS7	ELLE	10/14/24 23:12

Client Sample ID: DUP-5-20241005
Lab Sample ID: 240-212566-22
Date Collected: 10/05/24 00:00
Matrix: Solid
Date Received: 10/07/24 13:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
ASTM Leach	Leach	D3987-85			561998	UNWS	ELLE	10/11/24 14:26 - 10/12/24 08:20 [1]
ASTM Leach	Analysis	OIA-1677		1	563892	UJE2	ELLE	10/15/24 15:13

Client Sample ID: DUP-5-20241005
Lab Sample ID: 240-212566-22
Date Collected: 10/05/24 00:00
Matrix: Solid
Date Received: 10/07/24 13:00
Percent Solids: 85.4

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	3060A			562915	W2JF	ELLE	10/14/24 14:58
Total/NA	Analysis	7196A		1	563076	UDS7	ELLE	10/14/24 23:12

Client Sample ID: T1125-E-2.0
Lab Sample ID: 240-212566-23
Date Collected: 10/06/24 13:45
Matrix: Solid
Date Received: 10/07/24 13:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
ASTM Leach	Leach	D3987-85			561998	UNWS	ELLE	10/11/24 14:26 - 10/12/24 08:20 [1]
ASTM Leach	Analysis	OIA-1677		1	563892	UJE2	ELLE	10/15/24 14:12

Client Sample ID: T1125-E-2.0
Lab Sample ID: 240-212566-23
Date Collected: 10/06/24 13:45
Matrix: Solid
Date Received: 10/07/24 13:00
Percent Solids: 82.8

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	3060A			562915	W2JF	ELLE	10/14/24 14:58
Total/NA	Analysis	7196A		1	563076	UDS7	ELLE	10/14/24 23:12

Lab Chronicle

Client: August Mack Environmental, Inc.
Project/Site: MSC Canfield - Soil

Job ID: 240-212566-2

Client Sample ID: T1125-E-4.0
Lab Sample ID: 240-212566-24

Date Collected: 10/06/24 14:14
Matrix: Solid
Date Received: 10/07/24 13:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
ASTM Leach	Leach	D3987-85			561998	UNWS	ELLE	10/11/24 14:26 - 10/12/24 08:20 [1]
ASTM Leach	Analysis	OIA-1677		1	563892	UJE2	ELLE	10/15/24 14:37

Client Sample ID: T1125-E-4.0
Lab Sample ID: 240-212566-24

Date Collected: 10/06/24 14:14
Matrix: Solid
Date Received: 10/07/24 13:00
Percent Solids: 81.8

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	3060A			562915	W2JF	ELLE	10/14/24 14:58
Total/NA	Analysis	7196A		1	563076	UDS7	ELLE	10/14/24 23:12

Client Sample ID: T1125-W-2.0
Lab Sample ID: 240-212566-25

Date Collected: 10/06/24 14:30
Matrix: Solid
Date Received: 10/07/24 13:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
ASTM Leach	Leach	D3987-85			561998	UNWS	ELLE	10/11/24 14:26 - 10/12/24 08:20 [1]
ASTM Leach	Analysis	OIA-1677		1	563892	UJE2	ELLE	10/15/24 13:27

Client Sample ID: T1125-W-2.0
Lab Sample ID: 240-212566-25

Date Collected: 10/06/24 14:30
Matrix: Solid
Date Received: 10/07/24 13:00
Percent Solids: 79.2

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	3060A			562915	W2JF	ELLE	10/14/24 14:58
Total/NA	Analysis	7196A		1	563076	UDS7	ELLE	10/14/24 23:12

Client Sample ID: T375-W-2.0
Lab Sample ID: 240-212566-28

Date Collected: 10/04/24 16:03
Matrix: Solid
Date Received: 10/07/24 13:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
ASTM Leach	Leach	D3987-85			561518	UNWS	ELLE	10/10/24 14:05 - 10/11/24 07:54 [1]
ASTM Leach	Analysis	OIA-1677		1	563892	UJE2	ELLE	10/15/24 15:23

Client Sample ID: T375-W-2.0
Lab Sample ID: 240-212566-28

Date Collected: 10/04/24 16:03
Matrix: Solid
Date Received: 10/07/24 13:00
Percent Solids: 77.0

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	3060A			562506	UDS7	ELLE	10/13/24 06:06
Total/NA	Analysis	7196A		1	563053	UDS7	ELLE	10/14/24 20:07

Lab Chronicle

Client: August Mack Environmental, Inc.
Project/Site: MSC Canfield - Soil

Job ID: 240-212566-2

Client Sample ID: T375-W-4.0
Lab Sample ID: 240-212566-29
Date Collected: 10/04/24 16:30
Matrix: Solid
Date Received: 10/07/24 13:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
ASTM Leach	Leach	D3987-85			561998	UNWS	ELLE	10/11/24 14:26 - 10/12/24 08:20 [1]
ASTM Leach	Analysis	OIA-1677		1	563892	UJE2	ELLE	10/15/24 15:02

Client Sample ID: T375-W-4.0
Lab Sample ID: 240-212566-29
Date Collected: 10/04/24 16:30
Matrix: Solid
Date Received: 10/07/24 13:00
Percent Solids: 74.6

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	3060A			562915	W2JF	ELLE	10/14/24 14:58
Total/NA	Analysis	7196A		1	563076	UDS7	ELLE	10/14/24 23:12

Client Sample ID: T375-E-2.0
Lab Sample ID: 240-212566-30
Date Collected: 10/04/24 15:30
Matrix: Solid
Date Received: 10/07/24 13:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
ASTM Leach	Leach	D3987-85			561518	UNWS	ELLE	10/10/24 14:05 - 10/11/24 07:54 [1]
ASTM Leach	Analysis	OIA-1677		1	564485	UJE2	ELLE	10/16/24 15:31

Client Sample ID: T375-E-2.0
Lab Sample ID: 240-212566-30
Date Collected: 10/04/24 15:30
Matrix: Solid
Date Received: 10/07/24 13:00
Percent Solids: 75.8

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	3060A			562915	W2JF	ELLE	10/14/24 14:58
Total/NA	Analysis	7196A		1	563076	UDS7	ELLE	10/14/24 23:12

Client Sample ID: T375-E-4.0
Lab Sample ID: 240-212566-31
Date Collected: 10/04/24 15:35
Matrix: Solid
Date Received: 10/07/24 13:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
ASTM Leach	Leach	D3987-85			561518	UNWS	ELLE	10/10/24 14:05 - 10/11/24 07:54 [1]
ASTM Leach	Analysis	OIA-1677		1	563892	UJE2	ELLE	10/15/24 14:52

Client Sample ID: T375-E-4.0
Lab Sample ID: 240-212566-31
Date Collected: 10/04/24 15:35
Matrix: Solid
Date Received: 10/07/24 13:00
Percent Solids: 73.2

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	3060A			562506	UDS7	ELLE	10/13/24 06:06
Total/NA	Analysis	7196A		1	563053	UDS7	ELLE	10/14/24 20:07

Lab Chronicle

Client: August Mack Environmental, Inc.
Job ID: 240-212566-2
Project/Site: MSC Canfield - Soil

Client Sample ID: DUP7-20241005
Lab Sample ID: 240-212566-32
Date Collected: 10/05/24 00:00
Matrix: Solid
Date Received: 10/07/24 13:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
ASTM Leach	Leach	D3987-85			561518	UNWS	ELLE	10/10/24 14:05 - 10/11/24 07:54 [1]
ASTM Leach	Analysis	OIA-1677		1	564485	UJE2	ELLE	10/16/24 15:29

Client Sample ID: DUP7-20241005
Lab Sample ID: 240-212566-32
Date Collected: 10/05/24 00:00
Matrix: Solid
Date Received: 10/07/24 13:00
Percent Solids: 87.1

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	3060A			562915	W2JF	ELLE	10/14/24 15:15
Total/NA	Analysis	7196A		1	563076	UDS7	ELLE	10/14/24 23:12

Client Sample ID: DUP4-20241004
Lab Sample ID: 240-212566-33
Date Collected: 10/04/24 00:00
Matrix: Solid
Date Received: 10/07/24 13:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
ASTM Leach	Leach	D3987-85			561518	UNWS	ELLE	10/10/24 14:05 - 10/11/24 07:54 [1]
ASTM Leach	Analysis	OIA-1677		1	564485	UJE2	ELLE	10/16/24 15:34

Client Sample ID: DUP4-20241004
Lab Sample ID: 240-212566-33
Date Collected: 10/04/24 00:00
Matrix: Solid
Date Received: 10/07/24 13:00
Percent Solids: 76.1

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	3060A			562915	W2JF	ELLE	10/14/24 15:15
Total/NA	Analysis	7196A		1	563076	UDS7	ELLE	10/14/24 23:12

[1] This procedure uses a method stipulated length of time for the process. Both start and end times are displayed.

Laboratory References:

ELLE = Eurofins Lancaster Laboratories Environment Testing, LLC, 2425 New Holland Pike, Lancaster, PA 17601, TEL (717)656-2300

Accreditation/Certification Summary

Client: August Mack Environmental, Inc.
Project/Site: MSC Canfield - Soil

Job ID: 240-212566-2

Laboratory: Eurofins Lancaster Laboratories Environment Testing, LLC

All accreditations/certifications held by this laboratory are listed. Not all accreditations/certifications are applicable to this report.

Authority	Program	Identification Number	Expiration Date
A2LA	Dept. of Defense ELAP	0001.01	11-30-24
A2LA	ISO/IEC 17025	0001.01	11-30-24
Alabama	State	43200	01-31-25
Alaska	State	PA00009	06-30-25
Alaska (UST)	State	17-027	02-28-25
Arizona	State	AZ0780	03-12-25
Arkansas DEQ	State	88-00660	08-09-25
California	State	2792	11-30-24
Colorado	State	PA00009	06-30-25
Connecticut	State	PH-0746	06-30-25
DE Haz. Subst. Cleanup Act (HSCA)	State	019-006 (PA cert)	01-31-25
Delaware (DW)	State	N/A	01-31-25
Florida	NELAP	E87997	06-30-25
Georgia (DW)	State	C048	01-31-25
Hawaii	State	N/A	01-31-25
Illinois	NELAP	200027	01-31-25
Iowa	State	361	03-01-26
Kansas	NELAP	E-10151	10-31-24
Kentucky (DW)	State	KY90088	12-31-24
Kentucky (UST)	State	0001.01	11-30-24
Kentucky (WW)	State	KY90088	12-31-24
Louisiana (All)	NELAP	02055	06-30-25
Maine	State	2019012	03-12-25
Maryland	State	100	06-30-25
Massachusetts	State	M-PA009	06-30-25
Michigan	State	9930	01-31-25
Minnesota	NELAP	042-999-487	12-31-24
Mississippi	State	023	01-31-25
Missouri	State	450	01-31-25
Montana (DW)	State	0098	01-01-25
Nebraska	State	NE-OS-32-17	01-31-25
New Hampshire	NELAP	2730	01-10-25
New Jersey	NELAP	PA011	06-30-25
New York	NELAP	10670	04-01-25
North Carolina (DW)	State	42705	07-31-25
North Carolina (WW/SW)	State	521	12-31-25
North Dakota	State	R-205	01-31-24 *
Oklahoma	NELAP	9804	08-31-24 *
Oregon	NELAP	PA200001	09-11-25
Pennsylvania	NELAP	36-00037	01-31-25
Quebec Ministry of Environment and Fight against Climate Change	PALA	507	09-16-29
Rhode Island	State	LAO00338	12-30-24
South Carolina	State	89002	01-31-25
Tennessee	State	02838	01-31-25
Texas	NELAP	T104704194-23-46	08-31-25
USDA	US Federal Programs	525-22-298-19481	10-25-25
Vermont	State	VT - 36037	10-28-24
Virginia	NELAP	460182	06-14-25
Washington	State	C457	04-11-25

* Accreditation/Certification renewal pending - accreditation/certification considered valid.

Accreditation/Certification Summary

Client: August Mack Environmental, Inc. Job ID: 240-212566-2
Project/Site: MSC Canfield - Soil

Laboratory: Eurofins Lancaster Laboratories Environment Testing, LLC (Continued)

All accreditations/certifications held by this laboratory are listed. Not all accreditations/certifications are applicable to this report.

Authority	Program	Identification Number	Expiration Date
West Virginia (DW)	State	9906 C	01-31-25
West Virginia DEP	State	055	07-31-25
Wyoming	State	8TMS-L	01-31-25
Wyoming (UST)	A2LA	0001.01	11-30-24

Eurofins Cleveland
180 S. Van Buren Avenue
Barberton, OH 44203
Phone (330) 497-9396 Phone (330) 497-0772

2.4

Chain of Custody Record

eurofins | Environment Testing

Client Information	Sampler:	Lab PM: Kalis, Nicole A	Carrier Tracking No(s):	COC No: 240-124901-43556.7
Client Contact: Kain Lager-Lowe	Phone:	E-Mail: Nicole.Kalis@et.eurofinsus.com	State of Origin:	Page: Page 7 of 12
Company: August Mack Environmental, Inc.	PWSID:			Job #:
Address: 7830 North Central Drive, Suite B	Due Date Requested:			
City: Lewis Center	TAT Requested (days):			
State, Zip: OH, 43035	Compliance Project: Δ Yes Δ No			
Phone: 740-548-1515(Tel)	PO #:			
Email: klagerlowe@augustmack.com	WO #:			
Project Name: MSC Canfield - Soil/Surface Water	Project #: DO NOT DELETE - 24033889			
Site:	SSOW#:			

Analysis Requested

Preservation Codes:
N - None
A - HCL
B - NaOH
D - HNO3

Other:

Sample Identification	Sample Date	Sample Time	Sample Type (C=Comp, G=grab)	Matrix (W=water, S=solid, O=waste/oil, BT=Tissue, A=Air)	Field Filtered Sample (Yes or No)	Perform MS/MSD (Yes or No)	8260D - TCL OLM03.1/4.2 Volatile Analyte List	8260D - VOCs	8270E - SVOCs	8082A - PCBs	6010D, 7471B - RCRA 8, Cu & Zn	9012B - Total Cyanide	7196A - Hexavalent Chromium	1677 - Free Cyanide							Special Instructions/Note:
			Preservation Code:				N	N	N	N	N	N	N	N							
DUP-6-20241005	10-5-24	—	G	Solid			X	X	X	X	X	X	X	X						b	
T750-W-2.0	10-5-24	1300	G	Solid			X	X	X	X	X	X	X	X						b	
T875-E-2.0	10-5-24	1430	G	Solid			X	X	X	X	X	X	X	X						b	
DUP-7-20241005	10-5-24	—	G	Solid			X	X	X	X	X	X	X	X						b	
T875-E-4.0	10-5-24	1450	G	Solid			X	X	X	X	X	X	X	X						b	
T875-W-2.0	10-5-24	1550	G	Solid			X	X	X	X	X	X	X	X						b	
T875-W-4.0	10-5-24	1600	G	Solid			X	X	X	X	X	X	X	X						b	
T1000-C-2.0	10-6-24	1150	G	Solid			X	X	X	X	X		X	X						b	
T1000-C-4.0	10-6-24	1200	G	Solid			X	X	X	X	X	X	X	X						b	
T1000-W-2.0	10-6-24	1215	G	Solid			X	X	X	X	X	X	X	X						b	
Dup-8-20241006	10-6-24	/	G	Solid			X	X	X	X	X	X	X	X						b	

240-212566 COC

Possible Hazard Identification
☐ Non-Hazard ☐ Flammable ☐ Skin Irritant ☐ Poison B ☐ Unknown ☐ Radiological

Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)
☐ Return To Client ☐ Disposal By Lab ☐ Archive For _____ Months

Deliverable Requested: I, II, III, IV, Other (specify)

Special Instructions/QC Requirements:

Empty Kit Relinquished by:	Date:	Time:	Method of Shipment:

Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company
Kenneth S <--	10/9/24 1300	AME	JESSICA RIGDON	10.7.24 1300	EBTNC
Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company
Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company

Custody Seals Intact: Δ Yes Δ No	Custody Seal No.:	Cooler Temperature(s) °C and Other Remarks:

Eurofins Cleveland
180 S. Van Buren Avenue
Barberton, OH 44203
Phone (330) 497-9396 Phone (330) 497-0772

Chain of Custody Record

eurofins | Environment Testing

Client Information	Sampler: Elisabeth Webber	Lab PM: Kalis, Nicole A	Carrier Tracking No(s):	COC No: 240-124901-43556.8
Client Contact: Kain Lager-Lowe	Phone:	E-Mail: Nicole.Kalis@et.eurofinsus.com	State of Origin: OH	Page: Page 8 of 12
Company: August Mack Environmental, Inc.	PWSID:			Job #:
Address: 7830 North Central Drive, Suite B	Due Date Requested:			
City: Lewis Center	TAT Requested (days):			
State, Zip: OH, 43035	Compliance Project: Δ Yes Δ No			
Phone: 740-548-1515(Tel)	PO #:			
Email: klagerlowe@augustmack.com	WO #:			
Project Name: MSC Canfield - Soil/Surface Water	Project #: DO NOT DELETE - 24033889			
Site:	SSOW#:			

Analysis Requested

Preservation Codes:
N - None
A - HCL
B - NaOH
D - HNO3

Other:

Sample Identification	Sample Date	Sample Time	Sample Type (C=Comp, G=grab)	Matrix (W=water, S=solid, O=waste/oil, BT=Tissue, A=Air)	Field Filtered Sample (Yes or No)	8260D - VOCs	8270E - SVOCs	8082A - PCBs	6010D, 7471B - RCRA 8, Cu & Zn	9012B - Total Cyanide	7196A - Hexavalent Chromium	1677 - Free Cyanide	Special Instructions/Note:
T500-W-2.0	10-5-24	0842	G	Solid	N	X	X	X	X	X	X	X	
T500-W-4.0	10-5-24	0855	G	Solid		X	X	X	X	X	X	X	
T625-E-2.0	10-5-24	0930	G	Solid		X	X	X	X	X	X	X	
T625-E-4.0	10-5-24	0945	G	Solid		X	X	X	X	X	X	X	
T625-C-2.0	10-5-24	1015	G	Solid		X	X	X	X	X	X	X	
T625-C-4.0	10-5-24	1030	G	Solid		X	X	X	X	X	X	X	
~~T625-E-4.0~~ GW T-625-W-20	10-5-24	1100	G	Solid		X	X	X	X	X	X	X	
T750-E-2.0	10-5-24	1215	G	Solid	Y	X	X	X	X	X	X	X	
T750-E-4.0	10-5-24	1240	G	Solid		X	X	X	X	X	X	X	
TB-4-20241006	10-6-24	—	—	Solid									
DUP-5-20241005	10-5-24	—	G	Solid		X	X	X	X	X	X	X	

Possible Hazard Identification
☐ Non-Hazard ☐ Flammable ☐ Skin Irritant ☐ Poison B ☐ Unknown ☐ Radiological

Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)
☐ Return To Client ☐ Disposal By Lab ☐ Archive For _____ Months

Deliverable Requested: I, II, III, IV, Other (specify)

Special Instructions/QC Requirements:

Empty Kit Relinquished by:	Date:	Time:	Method of Shipment:

	Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company
1	Kenneth Sloan	10/7/24 1300	AME	JESSICA RIGDON	10-7-24 1300	EETNC
2	Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company
3	Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company

Custody Seals Intact: Δ Yes Δ No | Custody Seal No.:

Cooler Temperature(s) °C and Other Remarks:

1.0|2.7

Eurofins Cleveland
180 S. Van Buren Avenue
Barberton, OH 44203
Phone (330) 497-9396 Phone (330) 497-0772

Chain of Custody Record

eurofins | Environment Testing

Client Information	Sampler: Samson Lee	Lab PM: Kalis, Nicole A	Carrier Tracking No(s):	COC No: 240-124901-43556.9
Client Contact: Kain Lager-Lowe	Phone:	E-Mail: Nicole.Kalis@et.eurofinsus.com	State of Origin: OH	Page: Page 9 of 12
Company: August Mack Environmental, Inc.	PWSID:			Job #:
Address: 7830 North Central Drive, Suite B	Due Date Requested:			
City: Lewis Center	TAT Requested (days):			
State, Zip: OH, 43035	Compliance Project: Δ Yes Δ No			
Phone: 740-548-1515(Tel)	PO #:			
Email: klagerlowe@augustmack.com	WO #:			
Project Name: MSC Canfield - Soil/Surface Water	Project #: DO NOT DELETE - 24033889			
Site:	SSOW#:			

Analysis Requested

Preservation Codes:
N - None
A - HCL
B - NaOH
D - HNO3
Other:

Sample Identification	Sample Date	Sample Time	Sample Type (C=Comp, G=grab)	Matrix (W=water, S=solid, O=waste/oil, BT=Tissue, A=Air)	Field Filtered Sample (Yes or No)	Perform MS/MSD (Yes or No)	8260D - VOCs	8270E - SVOCs	8082A - PCBs	6010D, 7471B - RCRA 8, Cu & Zn	9012B - Total Cyanide	7196A - Hexavalent Chromium	1677 - Free Cyanide						Total Number of containers	Special Instructions/Note:
			Preservation Code:		X	X	N	N	N	N	N	N	N						X	
T1125-G-2.0	10-6-24	1345	G	Solid	N		X	X	X	X	X	X	X						18	
T1125-G-4.0	10-6-24	1414	G	Solid			X	X	X	X	X	X	X						6	
T1125-W-2.0	10-6-24	1430	G	Solid			X	X	X	X	X	X	X						18	
TB-5-20241006	10-6-24	—	—	Solid															1	
TB-6-20241006	10-6-24	—	—	Solid															1	
				Solid																
				Solid																
				Solid																
				Solid																
				Solid																
				Solid																

Possible Hazard Identification
☐ Non-Hazard ☐ Flammable ☐ Skin Irritant ☐ Poison B ☐ Unknown ☐ Radiological

Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)
☐ Return To Client ☐ Disposal By Lab ☐ Archive For _____ Months

Deliverable Requested: I, II, III, IV, Other (specify)

Special Instructions/QC Requirements:

Empty Kit Relinquished by:	Date:	Time:	Method of Shipment:

Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company
Kenan E Lee	10/9/24 1300	AME	JESSICA RIGDON	10.7.24 1300	EETNC

Custody Seals Intact: Δ Yes Δ No	Custody Seal No.:	Cooler Temperature(s) °C and Other Remarks:

Eurofins Cleveland
180 S. Van Buren Avenue
Barberton, OH 44203
Phone (330) 497-9396 Phone (330) 497-0772

Chain of Custody Record

eurofins | Environment Testing

Client Information	Sampler: SL	Lab PM: Kalis, Nicole A	Carrier Tracking No(s):	COC No: 240-124901-43556.1
Client Contact: Kain Lager-Lowe	Phone:	E-Mail: Nicole.Kalis@et.eurofinsus.com	State of Origin:	Page: Page 1 of 12
Company: August Mack Environmental, Inc.	PWSID:			Job #:
Address: 7830 North Central Drive, Suite B	Due Date Requested:			
City: Lewis Center	TAT Requested (days): 3 Day TAT			
State, Zip: OH, 43035	Compliance Project: Δ Yes Δ No			
Phone: 740-548-1515(Tel)	PO #:			
Email: klagerlowe@augustmack.com	WO #:			
Project Name: MSC Canfield - Soil/Surface Water	Project #: DO NOT DELETE - 24033889			
Site:	SSOW#:			

Analysis Requested

Preservation Codes:
N - None
A - HCL
B - NaOH
D - HNO3
Other:

Sample Identification	Sample Date	Sample Time	Sample Type (C=comp, G=grab)	Matrix (W=water, S=solid, O=wastefoil, BT=Tissue, A=Air)	Field Filtered Sample (Yes or No)	8260D - VOCs	8270E - SVOCs	8082A - PCBs	6010D, 7471B - RCRA 8, Cu & Zn	9012B - Total Cyanide	7196A - Hexavalent Chromium	1677 - Free Cyanide	Total Number of containers	Special Instructions/Note:
			Preservation Code:			N	N	N	N	N	N	N		
T375-W-2.0	10/4/24	1603	G	Solid		X	X	X	X	X	X	X	6	
T375-W-4.0		1630		Solid									6	
T375-E-2.0		1530		Solid									6	
T375-E-4.0		1535		Solid									6	
Dup7-20241005	10/5/24			Solid									6	
Dup4-20241004	10/4/24		G	Solid									6	
				Solid										
				Solid										
				Solid										
				Solid										
				Solid										

Possible Hazard Identification
☐ Non-Hazard ☐ Flammable ☐ Skin Irritant ☐ Poison B ☐ Unknown ☐ Radiological

Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)
☐ Return To Client ☐ Disposal By Lab ☐ Archive For _____ Months

Deliverable Requested: I, II, III, IV, Other (specify)

Special Instructions/QC Requirements:

Empty Kit Relinquished by:	Date:	Time:	Method of Shipment:			
Relinquished by:	Date/Time: 10/7/24 1300	Company AME	Received by: JESSICA RIGDON	Date/Time: 10.7.24 1300	Company EETNC
Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company
Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company

Custody Seals Intact: Δ Yes Δ No | Custody Seal No.: | Cooler Temperature(s) °C and Other Remarks:

Ver: 05/06/2024

Eurofins – Cleveland Sample Receipt Form/Narrative **Login # :** 212566
Barberton Facility

Client August Mack Site Name

Cooler unpacked by: JESSICA RIGDON

Cooler Received on 10-7-24 Opened on 10-7-24

FedEx: 1st Grd Exp UPS FAS Waypoint (Client Drop Off) Eurofins Courier Other

Receipt After-hours: Drop-off Date/Time Storage Location

Eurofins Cooler # EC Foam Box Client Cooler Box Other

Packing material used: Bubble Wrap Foam (Plastic Bag) None Other

COOLANT: (Wet Ice) Blue Ice Dry Ice Water None

1. Cooler temperature upon receipt [X] See Multiple Cooler Form
IR GUN # 19 (CF +1.7 °C) Observed Cooler Temp. °C Corrected Cooler Temp. °C

2. Were tamper/custody seals on the outside of the cooler(s)? If Yes Quantity	Yes (No)	**Tests that are not checked for pH by Receiving:**
-Were the seals on the outside of the cooler(s) signed & dated?	Yes No (NA)	
-Were tamper/custody seals on the bottle(s) or bottle kits (LLHg/MeHg)?	Yes (No)	**VOAs**
-Were tamper/custody seals intact and uncompromised?	Yes No (NA)	**Oil and Grease**
3. Shippers' packing slip attached to the cooler(s)?	Yes (No)	**TOC**
4. Did custody papers accompany the sample(s)?	(Yes) No	
5. Were the custody papers relinquished & signed in the appropriate place?	(Yes) No	
6. Was/were the person(s) who collected the samples clearly identified on the COC?	(Yes) No	
7. Did all bottles arrive in good condition (Unbroken)?	(Yes) No	
8. Could all bottle labels (ID/Date/Time) be reconciled with the COC?	(Yes) No	
9. For each sample, does the COC specify preservatives (Y/N), # of containers (Y/N), and sample type of grab/comp (Y/N)?		
10. Were correct bottle(s) used for the test(s) indicated?	(Yes) No	
11. Sufficient quantity received to perform indicated analyses?	(Yes) No	
12. Are these work share samples and all listed on the COC?	Yes (No)	
If yes, Questions 13-17 have been checked at the originating laboratory.		
13. Were all preserved sample(s) at the correct pH upon receipt?	Yes No (NA)	pH Strip Lot# HC447997
14. Were VOAs on the COC?	(Yes) No	
15. Were air bubbles >6 mm in any VOA vials? ● ⬅ Larger than this.	Yes (No) NA	
16. Was a VOA trip blank present in the cooler(s)? Trip Blank Lot # 0041317	(Yes) No	
17. Was a LL Hg or Me Hg trip blank present?	Yes (No)	

Contacted PM Date by via Verbal Voice Mail Other

Concerning

18. CHAIN OF CUSTODY & SAMPLE DISCREPANCIES [X] additional next page

Samples processed by:

H625 w 2.0 → only received 6 containers DWE 10-7-24

See next page for discrepencies. DWE 10-7-24

19. SAMPLE CONDITION

Sample(s) were received after the recommended holding time had expired.

Sample(s) were received in a broken container.

Sample(s) were received with bubble >6 mm in diameter. (Notify PM)

20. SAMPLE PRESERVATION

Sample(s) were further preserved in the laboratory.

Time preserved: Preservative(s) added/Lot number(s):

VOA Sample Preservation - Date/Time VOAs Frozen:

August Mack rec'd 10.7.24 212566

18. (Continued) CHAIN OF CUSTODY & SAMPLE DISCREPANCIES

~~T150-E-2.0 received 24 containers~~
~~T125-W-2.0 received 24 containers~~ } Found where they belong. (me) 10.7.24

Also received the following samples that are not on any COC:

DUP-4
T375-W-2.0 10.4.24 1603
T375-W-4.0 10.4.24 1630
~~T367-E-2.0~~ T375-E-2.0 10.4.24 1530
T375-3-4.0 10.4.24 1535
DUP-7 - 20240624

} Received Additional Chain. Logged last (me) 10.7.24

Did not receive DUP-8

10/18/2024

Login # : 212566

Eurofins - Cleveland Sample Receipt Multiple Cooler Form

Cooler Description (Circle)	IR Gun # (Circle)	Observed Temp °C	Corrected Temp °C	Coolant (Circle)
(EC) Client Box Other	IR GUN #: 19	2.4	4.1	(Wet Ice) Blue Ice Dry Ice Water None
(EC) Client Box Other	IR GUN #: 19	1.0	1.7	(Wet Ice) Blue Ice Dry Ice Water None
(EC) Client Box Other	IR GUN #: 19	0.7	2.4	(Wet Ice) Blue Ice Dry Ice Water None
EC Client Box Other	IR GUN #:			Wet Ice

10/7/2024

Login Container Summary Report

240-212566

10/18/2024

Temperature readings: _____

Client Sample ID	Lab ID	Container Type	Container pH	Container Temp	Preservation Added	Preservation Lot Number
DUP-6-20241005	240-212566-A-1	SnapCap 1/2 ounce unpreserved				
DUP-6-20241005	240-212566-B-1	Soil jar 2oz - clear glass				
DUP-6-20241005	240-212566-C-1	Soil jar 4oz - clear glass				
DUP-6-20241005	240-212566-D-1	Soil jar 4oz - clear glass				
DUP-6-20241005	240-212566-E-1	Soil jar 4oz - clear glass				
DUP-6-20241005	240-212566-F-1	Soil jar 4oz - clear glass				
DUP-6-20241005	240-212566-G-1	Soil jar 4oz - clear glass				
T750-W-2.0	240-212566-A-2	SnapCap 1/2 ounce unpreserved				
T750-W-2.0	240-212566-B-2	Soil jar 2oz - clear glass				
T750-W-2.0	240-212566-C-2	Soil jar 4oz - clear glass				
T750-W-2.0	240-212566-D-2	Soil jar 4oz - clear glass				
T750-W-2.0	240-212566-E-2	Soil jar 4oz - clear glass				
T750-W-2.0	240-212566-F-2	Soil jar 4oz - clear glass				
T750-W-2.0	240-212566-G-2	Soil jar 4oz - clear glass				
T875-E-2.0	240-212566-A-3	SnapCap 1/2 ounce unpreserved				
T875-E-2.0	240-212566-B-3	Soil jar 2oz - clear glass				
T875-E-2.0	240-212566-C-3	Soil jar 4oz - clear glass				
T875-E-2.0	240-212566-D-3	Soil jar 4oz - clear glass				
T875-E-2.0	240-212566-E-3	Soil jar 4oz - clear glass				
T875-E-2.0	240-212566-F-3	Soil jar 4oz - clear glass				
T875-E-2.0	240-212566-G-3	Soil jar 4oz - clear glass				
DUP-7-20241005	240-212566-A-4	SnapCap 1/2 ounce unpreserved				
DUP-7-20241005	240-212566-B-4	Soil jar 2oz - clear glass				
DUP-7-20241005	240-212566-C-4	Soil jar 4oz - clear glass				
DUP-7-20241005	240-212566-D-4	Soil jar 4oz - clear glass				
DUP-7-20241005	240-212566-E-4	Soil jar 4oz - clear glass				
DUP-7-20241005	240-212566-F-4	Soil jar 4oz - clear glass				
DUP-7-20241005	240-212566-G-4	Soil jar 4oz - clear glass				
T875-E-4.0	240-212566-A-5	SnapCap 1/2 ounce unpreserved				
T875-E-4.0	240-212566-B-5	Soil jar 2oz - clear glass				
T875-E-4.0	240-212566-C-5	Soil jar 4oz - clear glass				
T875-E-4.0	240-212566-D-5	Soil jar 4oz - clear glass				
T875-E-4.0	240-212566-E-5	Soil jar 4oz - clear glass				
T875-E-4.0	240-212566-F-5	Soil jar 4oz - clear glass				
T875-E-4.0	240-212566-G-5	Soil jar 4oz - clear glass				

Client Sample ID	Lab ID	Container Type	Container pH	Container Temp	Preservation Added	Preservation Lot Number
T875-W-2.0	240-212566-A-6	SnapCap 1/2 ounce unpreserved				
T875-W-2.0	240-212566-B-6	Soil jar 2oz - clear glass				
T875-W-2.0	240-212566-C-6	Soil jar 4oz - clear glass				
T875-W-2.0	240-212566-D-6	Soil jar 4oz - clear glass				
T875-W-2.0	240-212566-E-6	Soil jar 4oz - clear glass				
T875-W-2.0	240-212566-F-6	Soil jar 4oz - clear glass				
T875-W-2.0	240-212566-G-6	Soil jar 4oz - clear glass				
T875-W-4.0	240-212566-A-7	SnapCap 1/2 ounce unpreserved				
T875-W-4.0	240-212566-B-7	Soil jar 2oz - clear glass				
T875-W-4.0	240-212566-C-7	Soil jar 4oz - clear glass				
T875-W-4.0	240-212566-D-7	Soil jar 4oz - clear glass				
T875-W-4.0	240-212566-E-7	Soil jar 4oz - clear glass				
T875-W-4.0	240-212566-F-7	Soil jar 4oz - clear glass				
T875-W-4.0	240-212566-G-7	Soil jar 4oz - clear glass				
T1000-C-2.0	240-212566-A-8	SnapCap 1/2 ounce unpreserved				
T1000-C-2.0	240-212566-B-8	Soil jar 2oz - clear glass				
T1000-C-2.0	240-212566-C-8	Soil jar 4oz - clear glass				
T1000-C-2.0	240-212566-D-8	Soil jar 4oz - clear glass				
T1000-C-2.0	240-212566-E-8	Soil jar 4oz - clear glass				
T1000-C-2.0	240-212566-F-8	Soil jar 4oz - clear glass				
T1000-C-2.0	240-212566-G-8	Soil jar 4oz - clear glass				
T1000-C-4.0	240-212566-A-9	SnapCap 1/2 ounce unpreserved				
T1000-C-4.0	240-212566-B-9	Soil jar 2oz - clear glass				
T1000-C-4.0	240-212566-C-9	Soil jar 4oz - clear glass				
T1000-C-4.0	240-212566-D-9	Soil jar 4oz - clear glass				
T1000-C-4.0	240-212566-E-9	Soil jar 4oz - clear glass				
T1000-C-4.0	240-212566-F-9	Soil jar 4oz - clear glass				
T1000-C-4.0	240-212566-G-9	Soil jar 4oz - clear glass				
T1000-W-2.0	240-212566-A-10	SnapCap 1/2 ounce unpreserved				
T1000-W-2.0	240-212566-B-10	Soil jar 2oz - clear glass				
T1000-W-2.0	240-212566-C-10	Soil jar 4oz - clear glass				
T1000-W-2.0	240-212566-D-10	Soil jar 4oz - clear glass				
T1000-W-2.0	240-212566-E-10	Soil jar 4oz - clear glass				
T1000-W-2.0	240-212566-F-10	Soil jar 4oz - clear glass				
T1000-W-2.0	240-212566-G-10	Soil jar 4oz - clear glass				
DUP-8-20241006	240-212566-A-11	SnapCap 1/2 ounce unpreserved				
DUP-8-20241006	240-212566-B-11	Soil jar 2oz - clear glass				
DUP-8-20241006	240-212566-C-11	Soil jar 4oz - clear glass				

Client Sample ID	Lab ID	Container Type	Container pH	Container Temp	Preservation Added	Preservation Lot Number
DUP-8-20241006	240-212566-D-11	Soil jar 4oz - clear glass				
DUP-8-20241006	240-212566-E-11	Soil jar 4oz - clear glass				
DUP-8-20241006	240-212566-F-11	Soil jar 4oz - clear glass				
DUP-8-20241006	240-212566-G-11	Soil jar 4oz - clear glass				
T500-W-2.0	240-212566-A-12	SnapCap 1/2 ounce unpreserved				
T500-W-2.0	240-212566-B-12	Soil jar 2oz - clear glass				
T500-W-2.0	240-212566-C-12	Soil jar 4oz - clear glass				
T500-W-2.0	240-212566-D-12	Soil jar 4oz - clear glass				
T500-W-2.0	240-212566-E-12	Soil jar 4oz - clear glass				
T500-W-2.0	240-212566-F-12	Soil jar 4oz - clear glass				
T500-W-2.0	240-212566-G-12	Soil jar 4oz - clear glass				
T500-W-4.0	240-212566-A-13	SnapCap 1/2 ounce unpreserved				
T500-W-4.0	240-212566-B-13	Soil jar 2oz - clear glass				
T500-W-4.0	240-212566-C-13	Soil jar 4oz - clear glass				
T500-W-4.0	240-212566-D-13	Soil jar 4oz - clear glass				
T500-W-4.0	240-212566-E-13	Soil jar 4oz - clear glass				
T500-W-4.0	240-212566-F-13	Soil jar 4oz - clear glass				
T500-W-4.0	240-212566-G-13	Soil jar 4oz - clear glass				
T625-E-2.0	240-212566-A-14	SnapCap 1/2 ounce unpreserved				
T625-E-2.0	240-212566-B-14	Soil jar 2oz - clear glass				
T625-E-2.0	240-212566-C-14	Soil jar 4oz - clear glass				
T625-E-2.0	240-212566-D-14	Soil jar 4oz - clear glass				
T625-E-2.0	240-212566-E-14	Soil jar 4oz - clear glass				
T625-E-2.0	240-212566-F-14	Soil jar 4oz - clear glass				
T625-E-2.0	240-212566-G-14	Soil jar 4oz - clear glass				
T625-E-4.0	240-212566-A-15	SnapCap 1/2 ounce unpreserved				
T625-E-4.0	240-212566-B-15	Soil jar 2oz - clear glass				
T625-E-4.0	240-212566-C-15	Soil jar 4oz - clear glass				
T625-E-4.0	240-212566-D-15	Soil jar 4oz - clear glass				
T625-E-4.0	240-212566-E-15	Soil jar 4oz - clear glass				
T625-E-4.0	240-212566-F-15	Soil jar 4oz - clear glass				
T625-E-4.0	240-212566-G-15	Soil jar 4oz - clear glass				
T625-C-2.0	240-212566-A-16	SnapCap 1/2 ounce unpreserved				
T625-C-2.0	240-212566-B-16	Soil jar 2oz - clear glass				
T625-C-2.0	240-212566-C-16	Soil jar 4oz - clear glass				
T625-C-2.0	240-212566-D-16	Soil jar 4oz - clear glass				
T625-C-2.0	240-212566-E-16	Soil jar 4oz - clear glass				
T625-C-2.0	240-212566-F-16	Soil jar 4oz - clear glass				

Client Sample ID	Lab ID	Container Type	Container pH	Container Temp	Preservation Added	Preservation Lot Number
T625-C-2.0	240-212566-G-16	Soil jar 4oz - clear glass				
T625-C-4.0	240-212566-A-17	SnapCap 1/2 ounce unpreserved				
T625-C-4.0	240-212566-B-17	Soil jar 2oz - clear glass				
T625-C-4.0	240-212566-C-17	Soil jar 4oz - clear glass				
T625-C-4.0	240-212566-D-17	Soil jar 4oz - clear glass				
T625-C-4.0	240-212566-E-17	Soil jar 4oz - clear glass				
T625-C-4.0	240-212566-F-17	Soil jar 4oz - clear glass				
T625-C-4.0	240-212566-G-17	Soil jar 4oz - clear glass				
T625-W-2.0	240-212566-A-18	SnapCap 1/2 ounce unpreserved				
T625-W-2.0	240-212566-B-18	Soil jar 2oz - clear glass				
T625-W-2.0	240-212566-C-18	Soil jar 4oz - clear glass				
T625-W-2.0	240-212566-D-18	Soil jar 4oz - clear glass				
T625-W-2.0	240-212566-E-18	Soil jar 4oz - clear glass				
T625-W-2.0	240-212566-F-18	Soil jar 4oz - clear glass				
T625-W-2.0	240-212566-G-18	Soil jar 4oz - clear glass				
T750-E-2.0	240-212566-A-19	SnapCap 1/2 ounce unpreserved				
T750-E-2.0	240-212566-A-19 DU	SnapCap 1/2 ounce unpreserved				
T750-E-2.0	240-212566-A-19 MS	Soil jar 2oz - clear glass				
T750-E-2.0	240-212566-A-19 MSD	Soil jar 2oz - clear glass				
T750-E-2.0	240-212566-A-19 MSI	Soil jar 4oz - clear glass				
T750-E-2.0	240-212566-A-19 MSS	Soil jar 4oz - clear glass				
T750-E-2.0	240-212566-B-19	Soil jar 2oz - clear glass				
T750-E-2.0	240-212566-B-19 DU	Soil jar 4oz - clear glass				
T750-E-2.0	240-212566-B-19 MS	Soil jar 4oz - clear glass				
T750-E-2.0	240-212566-C-19	Soil jar 4oz - clear glass				
T750-E-2.0	240-212566-C-19 MS	Soil jar 4oz - clear glass				
T750-E-2.0	240-212566-C-19 MSD	Soil jar 4oz - clear glass				
T750-E-2.0	240-212566-D-19	Soil jar 4oz - clear glass				
T750-E-2.0	240-212566-D-19 MS	Soil jar 4oz - clear glass				
T750-E-2.0	240-212566-D-19 MSD	Soil jar 4oz - clear glass				
T750-E-2.0	240-212566-E-19	Soil jar 4oz - clear glass				
T750-E-2.0	240-212566-E-19 MSD	Soil jar 4oz - clear glass				
T750-E-2.0	240-212566-F-19	Soil jar 4oz - clear glass				

Client Sample ID	Lab ID	Container Type	Container pH	Container Temp	Preservation Added	Preservation Lot Number
T750-E-2.0	240-212566-F-19 MSD	Soil jar 4oz - clear glass				
T750-E-2.0	240-212566-G-19	Soil jar 4oz - clear glass				
T750-E-4.0	240-212566-A-20	SnapCap 1/2 ounce unpreserved				
T750-E-4.0	240-212566-B-20	Soil jar 2oz - clear glass				
T750-E-4.0	240-212566-C-20	Soil jar 4oz - clear glass				
T750-E-4.0	240-212566-D-20	Soil jar 4oz - clear glass				
T750-E-4.0	240-212566-E-20	Soil jar 4oz - clear glass				
T750-E-4.0	240-212566-F-20	Soil jar 4oz - clear glass				
T750-E-4.0	240-212566-G-20	Soil jar 4oz - clear glass				
TB-4-20241006	240-212566-A-21	Voa Vial 40ml - Hydrochloric Acid				
DUP-5-20241005	240-212566-A-22	SnapCap 1/2 ounce unpreserved				
DUP-5-20241005	240-212566-B-22	Soil jar 2oz - clear glass				
DUP-5-20241005	240-212566-C-22	Soil jar 4oz - clear glass				
DUP-5-20241005	240-212566-D-22	Soil jar 4oz - clear glass				
DUP-5-20241005	240-212566-E-22	Soil jar 4oz - clear glass				
DUP-5-20241005	240-212566-F-22	Soil jar 4oz - clear glass				
DUP-5-20241005	240-212566-G-22	Soil jar 4oz - clear glass				
T1125-C-2.0	240-212566-A-23	SnapCap 1/2 ounce unpreserved				
T1125-C-2.0	240-212566-A-23 DU	SnapCap 1/2 ounce unpreserved				
T1125-C-2.0	240-212566-A-23 MS	Soil jar 2oz - clear glass				
T1125-C-2.0	240-212566-A-23 MSD	Soil jar 2oz - clear glass				
T1125-C-2.0	240-212566-A-23 MSI	Soil jar 4oz - clear glass				
T1125-C-2.0	240-212566-A-23 MSS	Soil jar 4oz - clear glass				
T1125-C-2.0	240-212566-B-23	Soil jar 2oz - clear glass				
T1125-C-2.0	240-212566-B-23 DU	Soil jar 4oz - clear glass				
T1125-C-2.0	240-212566-B-23 MS	Soil jar 4oz - clear glass				
T1125-C-2.0	240-212566-C-23	Soil jar 4oz - clear glass				
T1125-C-2.0	240-212566-C-23 MS	Soil jar 4oz - clear glass				
T1125-C-2.0	240-212566-C-23 MSD	Soil jar 4oz - clear glass				
T1125-C-2.0	240-212566-D-23	Soil jar 4oz - clear glass				
T1125-C-2.0	240-212566-D-23 MS	Soil jar 4oz - clear glass				
T1125-C-2.0	240-212566-D-23 MSD	Soil jar 4oz - clear glass				
T1125-C-2.0	240-212566-E-23	Soil jar 4oz - clear glass				
T1125-C-2.0	240-212566-E-23 MSD	Soil jar 4oz - clear glass				

Client Sample ID	Lab ID	Container Type	Container pH	Container Temp	Preservation Added	Preservation Lot Number
T1125-C-2.0	240-212566-F-23	Soil jar 4oz - clear glass				
T1125-C-2.0	240-212566-F-23 MSD	Soil jar 4oz - clear glass				
T1125-C-2.0	240-212566-G-23	Soil jar 4oz - clear glass				
T1125-C-4.0	240-212566-A-24	SnapCap 1/2 ounce unpreserved				
T1125-C-4.0	240-212566-B-24	Soil jar 2oz - clear glass				
T1125-C-4.0	240-212566-C-24	Soil jar 4oz - clear glass				
T1125-C-4.0	240-212566-D-24	Soil jar 4oz - clear glass				
T1125-C-4.0	240-212566-E-24	Soil jar 4oz - clear glass				
T1125-C-4.0	240-212566-F-24	Soil jar 4oz - clear glass				
T1125-C-4.0	240-212566-G-24	Soil jar 4oz - clear glass				
T1125-W-2.0	240-212566-A-25	SnapCap 1/2 ounce unpreserved				
T1125-W-2.0	240-212566-A-25 DU	SnapCap 1/2 ounce unpreserved				
T1125-W-2.0	240-212566-A-25 MS	Soil jar 2oz - clear glass				
T1125-W-2.0	240-212566-A-25 MSD	Soil jar 2oz - clear glass				
T1125-W-2.0	240-212566-A-25 MSI	Soil jar 4oz - clear glass				
T1125-W-2.0	240-212566-A-25 MSS	Soil jar 4oz - clear glass				
T1125-W-2.0	240-212566-B-25	Soil jar 2oz - clear glass				
T1125-W-2.0	240-212566-B-25 DU	Soil jar 4oz - clear glass				
T1125-W-2.0	240-212566-B-25 MS	Soil jar 4oz - clear glass				
T1125-W-2.0	240-212566-B-25 MSD	Soil jar 4oz - clear glass				
T1125-W-2.0	240-212566-C-25	Soil jar 4oz - clear glass				
T1125-W-2.0	240-212566-C-25 MS	Soil jar 4oz - clear glass				
T1125-W-2.0	240-212566-C-25 MSD	Soil jar 4oz - clear glass				
T1125-W-2.0	240-212566-D-25	Soil jar 4oz - clear glass				
T1125-W-2.0	240-212566-D-25 MS	Soil jar 4oz - clear glass				
T1125-W-2.0	240-212566-D-25 MSD	Soil jar 4oz - clear glass				
T1125-W-2.0	240-212566-E-25	Soil jar 4oz - clear glass				
T1125-W-2.0	240-212566-E-25 MSD	Soil jar 4oz - clear glass				
T1125-W-2.0	240-212566-F-25	Soil jar 4oz - clear glass				
T1125-W-2.0	240-212566-G-25	Soil jar 4oz - clear glass				
TB-5-20241006	240-212566-A-26	Voa Vial 40ml - Hydrochloric Acid				
TB-6-20241006	240-212566-A-27	Voa Vial 40ml - Hydrochloric Acid				
T375-W-2.0	240-212566-A-28	SnapCap 1/2 ounce unpreserved				

Client Sample ID	Lab ID	Container Type	Container pH	Container Temp	Preservation Added	Preservation Lot Number
T375-W-2.0	240-212566-B-28	Soil jar 2oz - clear glass				
T375-W-2.0	240-212566-C-28	Soil jar 4oz - clear glass				
T375-W-2.0	240-212566-D-28	Soil jar 4oz - clear glass				
T375-W-2.0	240-212566-E-28	Soil jar 4oz - clear glass				
T375-W-2.0	240-212566-F-28	Soil jar 4oz - clear glass				
T375-W-2.0	240-212566-G-28	Soil jar 4oz - clear glass				
T375-W-4.0	240-212566-A-29	SnapCap 1/2 ounce unpreserved				
T375-W-4.0	240-212566-B-29	Soil jar 2oz - clear glass				
T375-W-4.0	240-212566-C-29	Soil jar 4oz - clear glass				
T375-W-4.0	240-212566-D-29	Soil jar 4oz - clear glass				
T375-W-4.0	240-212566-E-29	Soil jar 4oz - clear glass				
T375-W-4.0	240-212566-F-29	Soil jar 4oz - clear glass				
T375-W-4.0	240-212566-G-29	Soil jar 4oz - clear glass				
T375-E-2.0	240-212566-A-30	SnapCap 1/2 ounce unpreserved				
T375-E-2.0	240-212566-B-30	Soil jar 2oz - clear glass				
T375-E-2.0	240-212566-C-30	Soil jar 4oz - clear glass				
T375-E-2.0	240-212566-D-30	Soil jar 4oz - clear glass				
T375-E-2.0	240-212566-E-30	Soil jar 4oz - clear glass				
T375-E-2.0	240-212566-F-30	Soil jar 4oz - clear glass				
T375-E-2.0	240-212566-G-30	Soil jar 4oz - clear glass				
T375-E-4.0	240-212566-A-31	SnapCap 1/2 ounce unpreserved				
T375-E-4.0	240-212566-B-31	Soil jar 2oz - clear glass				
T375-E-4.0	240-212566-C-31	Soil jar 4oz - clear glass				
T375-E-4.0	240-212566-D-31	Soil jar 4oz - clear glass				
T375-E-4.0	240-212566-E-31	Soil jar 4oz - clear glass				
T375-E-4.0	240-212566-F-31	Soil jar 4oz - clear glass				
T375-E-4.0	240-212566-G-31	Soil jar 4oz - clear glass				
DUP7-20241005	240-212566-A-32	SnapCap 1/2 ounce unpreserved				
DUP7-20241005	240-212566-B-32	Soil jar 2oz - clear glass				
DUP7-20241005	240-212566-C-32	Soil jar 4oz - clear glass				
DUP7-20241005	240-212566-D-32	Soil jar 4oz - clear glass				
DUP7-20241005	240-212566-E-32	Soil jar 4oz - clear glass				
DUP7-20241005	240-212566-F-32	Soil jar 4oz - clear glass				
DUP7-20241005	240-212566-G-32	Soil jar 4oz - clear glass				
DUP4-20241004	240-212566-A-33	SnapCap 1/2 ounce unpreserved				
DUP4-20241004	240-212566-B-33	Soil jar 2oz - clear glass				
DUP4-20241004	240-212566-C-33	Soil jar 4oz - clear glass				
DUP4-20241004	240-212566-D-33	Soil jar 4oz - clear glass				

Client Sample ID	Lab ID	Container Type	Container pH	Container Temp	Preservation Added	Preservation Lot Number
DUP4-20241004	240-212566-E-33	Soil jar 4oz - clear glass				
DUP4-20241004	240-212566-F-33	Soil jar 4oz - clear glass				
DUP4-20241004	240-212566-G-33	Soil jar 4oz - clear glass				

Eurofins Cleveland
180 S. Van Buren Avenue
Barberton, OH 44203
Phone: 330-497-9396 Fax: 330-497-0772

Chain of Custody Record

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Client Information (Sub Contract Lab)	Sampler:	Lab PM: Kalis, Nicole A	Carrier Tracking No(s):	COC No: 240-191797.1
Client Contact: Shipping/Receiving	Phone:	E-Mail: Nicole.Kalis@et.eurofinsus.com	State of Origin: Ohio	Page: Page 1 of 5
Company: Eurofins Lancaster Laboratories Environm		Accreditations Required (See note):		Job #: 240-212566-2
Address: ~~2425 New Holland Pike,~~ ,	Due Date Requested: ~~10/14/2024~~	Analysis Requested		Preservation Codes: -
City: Lancaster	TAT Requested (days):			
State, Zip: PA, 17601				
Phone: 717-656-2300(Tel)	PO #:			
Email:	WO #:			
Project Name: MSC Canfield - Soil	Project #: 24033889			Other:
Site:	SSOW#:			

Sample Identification - Client ID (Lab ID)	Sample Date	Sample Time	Sample Type (C=Comp, G=grab)	Matrix (W=water, S=solid, O=waste/oil, BT=Tissue, A=Air)	1677_Free/ASTM_LEACH_NP Cyanide, Free	7196A/3060A Chromium, Hexavalent	Special Instructions/Note:
DUP-6-20241005 (240-212566-1)	10/5/24	Eastern	G	Solid	X	X	Use caution! Site contaminated with solvent waste
T750-W-2.0 (240-212566-2)	10/5/24	13:00 Eastern	G	Solid	X	X	Use caution! Site contaminated with solvent waste
T875-E-2.0 (240-212566-3)	10/5/24	14:30 Eastern	G	Solid	X	X	Use caution! Site contaminated with solvent waste
DUP-7-20241005 (240-212566-4)	10/5/24	Eastern	G	Solid	X	X	Use caution! Site contaminated with solvent waste
T875-E-4.0 (240-212566-5)	10/5/24	14:50 Eastern	G	Solid	X	X	Use caution! Site contaminated with solvent waste
T875-W-2.0 (240-212566-6)	10/5/24	15:50 Eastern	G	Solid	X	X	Use caution! Site contaminated with solvent waste
T875-W-4.0 (240-212566-7)	10/6/24	16:00 Eastern	G	Solid	X	X	Use caution! Site contaminated with solvent waste
T1000-C-2.0 (240-212566-8)	10/6/24	11:50 Eastern	G	Solid	X	X	Use caution! Site contaminated with solvent waste
T1000-C-4.0 (240-212566-9)	10/6/24	12:00 Eastern	G	Solid	X	X	Use caution! Site contaminated with solvent waste

Note: Since laboratory accreditations are subject to change, Eurofins Environment Testing North Central, LLC places the ownership of method, analyte & accreditation compliance upon our subcontract laboratories. This sample shipment is forwarded under chain-of-custody. If the laboratory does not currently maintain accreditation in the State of Origin listed above for analysis/tests/matrix being analyzed, the samples must be shipped back to the Eurofins Environment Testing North Central, LLC laboratory or other instructions will be provided. Any changes to accreditation status should be brought to Eurofins Environment Testing North Central, LLC attention immediately. If all requested accreditations are current to date, return the signed Chain of Custody attesting to said compliance to Eurofins Environment Testing North Central, LLC.

Possible Hazard Identification	*Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)*
Unconfirmed	☐ *Return To Client* ☐ *Disposal By Lab* ☐ *Archive For* _____ *Months*
Deliverable Requested: I, II, III, IV, Other (specify) Primary Deliverable Rank: 2	Special Instructions/QC Requirements:

Empty Kit Relinquished by:	Date:	Time:	Method of Shipment:

Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company
Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company
Relinquished by:	Date/Time:	Company	Received by:	Date/Time: 10/9/24 10:05	Company

Custody Seals Intact: ∆ Yes ∆ No	Custody Seal No.:	Cooler Temperature(s) °C and Other Remarks: 3.3/3.0 4.8/4.5

Ver: 05/06/2024

Eurofins Cleveland
180 S. Van Buren Avenue
Barberton, OH 44203
Phone: 330-497-9396 Fax: 330-497-0772

Chain of Custody Record

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Client Information (Sub Contract Lab)	Sampler:	Lab PM: Kalis, Nicole A	Carrier Tracking No(s):	COC No: 240-191797.2
Client Contact: Shipping/Receiving	Phone:	E-Mail: Nicole.Kalis@et.eurofinsus.com	State of Origin: Ohio	Page: Page 2 of 5
Company: Eurofins Lancaster Laboratories Environm		Accreditations Required (See note):		Job #: 240-212566-2
Address: 2425 New Holland Pike,	Due Date Requested: 10/14/2024			Preservation Codes: -
City: Lancaster	TAT Requested (days):			
State, Zip: PA, 17601				
Phone: 717-656-2300(Tel)	PO #:			
Email:	WO #:			
Project Name: MSC Canfield - Soil	Project #: 24033889			
Site:	SSOW#:			Other:

Analysis Requested

Sample Identification - Client ID (Lab ID)	Sample Date	Sample Time	Sample Type (C=comp, G=grab)	Matrix (W=water, S=solid, O=waste/oil, BT=Tissue, A=Air)	1677_Free/ASTM_LEACH_NP Cyanide, Free	7196A/3060A Chromium, Hexavalent	Total Number of containers	Special Instructions/Note:
T1000-W-2.0 (240-212566-10)	10/6/24	12:13 Eastern	G	Solid	X	X	2	Use caution! Site contaminated with solvent waste
T500-W-2.0 (240-212566-12)	10/5/24	08:42 Eastern	G	Solid	X	X	2	Use caution! Site contaminated with solvent waste
T500-W-4.0 (240-212566-13)	10/5/24	08:55 Eastern	G	Solid	X	X		Use caution! Site contaminated with solvent waste
T625-E-2.0 (240-212566-14)	10/5/24	09:30 Eastern	G	Solid	X	X		Use caution! Site contaminated with solvent waste
T625-E-4.0 (240-212566-15)	10/5/24	09:45 Eastern	G	Solid	X	X		Use caution! Site contaminated with solvent waste
T625-C-2.0 (240-212566-16)	10/5/24	10:15 Eastern	G	Solid	X	X		Use caution! Site contaminated with solvent waste
T625-C-4.0 (240-212566-17)	10/5/24	10:30 Eastern	G	Solid	X	X		Use caution! Site contaminated with solvent waste
T625-W-2.0 (240-212566-18)	10/5/24	11:00 Eastern	G	Solid	X	X	2	Use caution! Site contaminated with solvent waste
T750-E-2.0 (240-212566-19)	10/5/24	12:15 Eastern	G	Solid	X	X	2	Use caution! Site contaminated with solvent waste

Note: Since laboratory accreditations are subject to change, Eurofins Environment Testing North Central, LLC places the ownership of method, analyte & accreditation compliance upon our subcontract laboratories. This sample shipment is forwarded under chain-of-custody. If the laboratory does not currently maintain accreditation in the State of Origin listed above for analysis/tests/matrix being analyzed, the samples must be shipped back to the Eurofins Environment Testing North Central, LLC laboratory or other instructions will be provided. Any changes to accreditation status should be brought to Eurofins Environment Testing North Central, LLC attention immediately. If all requested accreditations are current to date, return the signed Chain of Custody attesting to said compliance to Eurofins Environment Testing North Central, LLC.

Possible Hazard Identification *Unconfirmed*	***Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)*** ☐ *Return To Client* ☐ *Disposal By Lab* ☐ *Archive For* _____ *Months*
Deliverable Requested: I, II, III, IV, Other (specify) Primary Deliverable Rank: 2	Special Instructions/QC Requirements:

Empty Kit Relinquished by:	Date:	Time:	Method of Shipment:

Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company
J MOROSKO		OETM			
				10/9/24 10:05	EL LST

Custody Seals Intact: Δ Yes Δ No	Custody Seal No.:	Cooler Temperature(s) °C and Other Remarks: 3.3/3.0 4.8/4.5

Ver: 05/06/2024

Eurofins Cleveland
180 S. Van Buren Avenue
Barberton, OH 44203
Phone: 330-497-9396 Fax: 330-497-0772

Chain of Custody Record

eurofins | Environment Testing

Client Information (Sub Contract Lab)	Sampler:	Lab PM: Kalis, Nicole A	Carrier Tracking No(s):	COC No: 240-191797.3
Client Contact: Shipping/Receiving	Phone:	E-Mail: Nicole.Kalis@et.eurofinsus.com	State of Origin: Ohio	Page: Page 3 of 5
Company: Eurofins Lancaster Laboratories Environm		Accreditations Required (See note):		Job #: 240-212566-2
Address: 2425 New Holland Pike,	Due Date Requested: 10/14/2024			Preservation Codes: -
City: Lancaster	TAT Requested (days):			
State, Zip: PA, 17601				
Phone: 717-656-2300(Tel)	PO #:			
Email:	WO #:			
Project Name: MSC Canfield - Soil	Project #: 24033889			
Site:	SSOW#:			Other:

Analysis Requested

Sample Identification - Client ID (Lab ID)	Sample Date	Sample Time	Sample Type (C=Comp, G=grab)	Matrix (W=water, S=solid, O=waste/oil, BT=Tissue, A=Air)	Field Filtered Sample (Yes or No)	Perform MS/MSD (Yes or No)	1677_Free/ASTM_LEACH_NP Cyanide, Free	7196A/3060A Chromium, Hexavalent	Special Instructions/Note:
T750-E-2.0 (240-212566-19DU)	10/5/24	12:15 Eastern	G	Solid				X	Use caution! Site contaminated with solvent waste
T750-E-2.0 (240-212566-19MS)	10/5/24	12:15 Eastern	G	Solid			X		Use caution! Site contaminated with solvent waste
T750-E-2.0 (240-212566-19MSD)	10/5/24	12:15 Eastern	G	Solid			X		Use caution! Site contaminated with solvent waste
T750-E-2.0 (240-212566-19MSI)	10/5/24	12:15 Eastern	G	Solid				X	Use caution! Site contaminated with solvent waste
T750-E-2.0 (240-212566-19MSS)	10/5/24	12:15 Eastern	G	Solid				X	Use caution! Site contaminated with solvent waste
T750-E-4.0 (240-212566-20)	10/5/24	12:40 Eastern	G	Solid			X	X	Use caution! Site contaminated with solvent waste
DUP-5-20241005 (240-212566-22)	10/5/24	Eastern	G	Solid			X	X	Use caution! Site contaminated with solvent waste
T1125-E-2.0 (240-212566-23)	10/6/24	13:45 Eastern	G	Solid			X	X	Use caution! Site contaminated with solvent waste
T1125-E-2.0 (240-212566-23DU)	10/6/24	13:45 Eastern	G	Solid				X	Use caution! Site contaminated with solvent waste

Note: Since laboratory accreditations are subject to change, Eurofins Environment Testing North Central, LLC places the ownership of method, analyte & accreditation compliance upon our subcontract laboratories. This sample shipment is forwarded under chain-of-custody. If the laboratory does not currently maintain accreditation in the State of Origin listed above for analysis/tests/matrix being analyzed, the samples must be shipped back to the Eurofins Environment Testing North Central, LLC laboratory or other instructions will be provided. Any changes to accreditation status should be brought to Eurofins Environment Testing North Central, LLC attention immediately. If all requested accreditations are current to date, return the signed Chain of Custody attesting to said compliance to Eurofins Environment Testing North Central, LLC.

Possible Hazard Identification	*Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)*
Unconfirmed	☐ *Return To Client* ☐ *Disposal By Lab* ☐ *Archive For* _____ *Months*
Deliverable Requested: I, II, III, IV, Other (specify) Primary Deliverable Rank: 2	Special Instructions/QC Requirements:

Empty Kit Relinquished by:	Date:	Time:	Method of Shipment:

	Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company
1						
2	Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company
3	Relinquished by:	Date/Time:	Company	Received by:	Date/Time: 10/9/24 10:08	Company

Custody Seals Intact: Δ Yes Δ No	Custody Seal No.:	Cooler Temperature(s) °C and Other Remarks: 3.3/3.0 4.8/4.5

Ver: 05/06/2024

Eurofins Cleveland
180 S. Van Buren Avenue
Barberton, OH 44203
Phone: 330-497-9396 Fax: 330-497-0772

Chain of Custody Record

eurofins | Environment Testing

Client Information (Sub Contract Lab)	Sampler:	Lab PM: Kalis, Nicole A	Carrier Tracking No(s):	COC No: 240-191797.4
Client Contact: Shipping/Receiving	Phone:	E-Mail: Nicole.Kalis@et.eurofinsus.com	State of Origin: Ohio	Page: Page 4 of 5
Company: Eurofins Lancaster Laboratories Environm		Accreditations Required (See note):		Job #: 240-212566-2
Address: 2425 New Holland Pike,	Due Date Requested: 10/14/2024			Preservation Codes: -
City: Lancaster	TAT Requested (days):			
State, Zip: PA, 17601				
Phone: 717-656-2300(Tel)	PO #:			
Email:	WO #:			
Project Name: MSC Canfield - Soil	Project #: 24033889			Other:
Site:	SSOW#:			

Analysis Requested

Sample Identification - Client ID (Lab ID)	Sample Date	Sample Time	Sample Type (C=Comp, G=grab)	Matrix (W=water, S=solid, O=waste/oil, BT=Tissue, A=Air)	1677_Free/ASTM_LEACH_NP Cyanide, Free	7196A/3060A Chromium, Hexavalent	Special Instructions/Note:
T1125-E-2.0 (240-212566-23MS)	10/6/24	13:45 Eastern	G	Solid	X		Use caution! Site contaminated with solvent waste
T1125-E-2.0 (240-212566-23MSD)	10/6/24	13:45 Eastern	G	Solid	X		Use caution! Site contaminated with solvent waste
T1125-E-2.0 (240-212566-23MSI)	10/6/24	13:45 Eastern	G	Solid		X	Use caution! Site contaminated with solvent waste
T1125-E-2.0 (240-212566-23MSS)	10/6/24	13:45 Eastern	G	Solid		X	Use caution! Site contaminated with solvent waste
T1125-E-4.0 (240-212566-24)	10/6/24	14:14 Eastern	G	Solid	X	X	Use caution! Site contaminated with solvent waste
T1125-W-2.0 (240-212566-25)	10/6/24	14:30 Eastern	G	Solid	X	X	Use caution! Site contaminated with solvent waste
T1125-W-2.0 (240-212566-25DU)	10/6/24	14:30 Eastern	G	Solid		X	Use caution! Site contaminated with solvent waste
T1125-W-2.0 (240-212566-25MS)	10/6/24	14:30 Eastern	G	Solid	X		Use caution! Site contaminated with solvent waste
T1125-W-2.0 (240-212566-25MSD)	10/6/24	14:30 Eastern	G	Solid	X		Use caution! Site contaminated with solvent waste

Note: Since laboratory accreditations are subject to change, Eurofins Environment Testing North Central, LLC places the ownership of method, analyte & accreditation compliance upon our subcontract laboratories. This sample shipment is forwarded under chain-of-custody. If the laboratory does not currently maintain accreditation in the State of Origin listed above for analysis/tests/matrix being analyzed, the samples must be shipped back to the Eurofins Environment Testing North Central, LLC laboratory or other instructions will be provided. Any changes to accreditation status should be brought to Eurofins Environment Testing North Central, LLC attention immediately. If all requested accreditations are current to date, return the signed Chain of Custody attesting to said compliance to Eurofins Environment Testing North Central, LLC.

Possible Hazard Identification	*Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)*
Unconfirmed	☐ *Return To Client* ☐ *Disposal By Lab* ☐ *Archive For* ____ *Months*
Deliverable Requested: I, II, III, IV, Other (specify) Primary Deliverable Rank: 2	Special Instructions/QC Requirements:

Empty Kit Relinquished by:	Date:	Time:	Method of Shipment:

Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company
Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company
Relinquished by:	Date/Time:	Company	Received by:	Date/Time: 10/9/24 10:05	Company ECET

Custody Seals Intact: Δ Yes Δ No	Custody Seal No.:	Cooler Temperature(s) °C and Other Remarks: 3.3/3.0 4.8/4.5

Ver: 05/06/2024

Eurofins Cleveland
180 S. Van Buren Avenue
Barberton, OH 44203
Phone: 330-497-9396 Fax: 330-497-0772

Chain of Custody Record

eurofins | Environment Testing

Client Information (Sub Contract Lab)	Sampler:	Lab PM: Kalis, Nicole A	Carrier Tracking No(s):	COC No: 240-191797.5
Client Contact: Shipping/Receiving	Phone:	E-Mail: Nicole.Kalis@et.eurofinsus.com	State of Origin: Ohio	Page: Page 5 of 5
Company: Eurofins Lancaster Laboratories Environm		Accreditations Required (See note):		Job #: 240-212566-2
Address: 2425 New Holland Pike,	Due Date Requested: 10/14/2024			Preservation Codes: -
City: Lancaster	TAT Requested (days):			
State, Zip: PA, 17601				
Phone: 717-656-2300(Tel)	PO #:			
Email:	WO #:			
Project Name: MSC Canfield - Soil	Project #: 24033889			Other:
Site:	SSOW#:			

Analysis Requested

Sample Identification - Client ID (Lab ID)	Sample Date	Sample Time	Sample Type (C=comp, G=grab)	Matrix (W=water, S=solid, O=waste/oil, BT=Tissue, A=Air)	1677_Free/ASTM_LEACH_NP Cyanide, Free	7196A/3060A Chromium, Hexavalent	Special Instructions/Note:
T1125-W-2.0 (240-212566-25MSI)	10/6/24	14:30 Eastern	G	Solid		X	Use caution! Site contaminated with solvent waste
T1125-W-2.0 (240-212566-25MSS)	10/6/24	14:30 Eastern	G	Solid		X	Use caution! Site contaminated with solvent waste
T375-W-2.0 (240-212566-28)	10/4/24	16:03 Eastern	G	Solid	X	X	Use caution! Site contaminated with solvent waste
T375-W-4.0 (240-212566-29)	10/4/24	16:30 Eastern	G	Solid	X	X	Use caution! Site contaminated with solvent waste
T375-E-2.0 (240-212566-30)	10/4/24	15:30 Eastern	G	Solid	X	X	Use caution! Site contaminated with solvent waste
T375-E-4.0 (240-212566-31)	10/4/24	15:35 Eastern	G	Solid	X	X	Use caution! Site contaminated with solvent waste
DUP7-20241005 (240-212566-32)	10/5/24	Eastern	G	Solid	X	X	Use caution! Site contaminated with solvent waste
DUP4-20241004 (240-212566-33)	10/4/24	Eastern	G	Solid	X	X	Use caution! Site contaminated with solvent waste

Note: Since laboratory accreditations are subject to change, Eurofins Environment Testing North Central, LLC places the ownership of method, analyte & accreditation compliance upon our subcontract laboratories. This sample shipment is forwarded under chain-of-custody. If the laboratory does not currently maintain accreditation in the State of Origin listed above for analysis/tests/matrix being analyzed, the samples must be shipped back to the Eurofins Environment Testing North Central, LLC laboratory or other instructions will be provided. Any changes to accreditation status should be brought to Eurofins Environment Testing North Central, LLC attention immediately. If all requested accreditations are current to date, return the signed Chain of Custody attesting to said compliance to Eurofins Environment Testing North Central, LLC.

Possible Hazard Identification	*Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)*
Unconfirmed	☐ *Return To Client* ☐ *Disposal By Lab* ☐ *Archive For* ____ *Months*
Deliverable Requested: I, II, III, IV, Other (specify) Primary Deliverable Rank: 2	Special Instructions/QC Requirements:

Empty Kit Relinquished by:	Date:	Time:	Method of Shipment:

Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company
Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company
Relinquished by:	Date/Time:	Company	Received by:	Date/Time: 10/9/24 1015	Company ELAT

Custody Seals Intact: Δ Yes Δ No	Custody Seal No.:	Cooler Temperature(s) °C and Other Remarks: 3.3/3.0 4.8/4.5

Ver: 05/06/2024

Login Sample Receipt Checklist

Client: August Mack Environmental, Inc.

Job Number: 240-212566-2

Login Number: 212566
List Number: 2
Creator: McCaskey, Jonathan

List Source: Eurofins Lancaster Laboratories Environment Testing, LLC
List Creation: 10/09/24 12:12 PM

Question	Answer	Comment
The cooler's custody seal is intact.	N/A	
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	True	
Cooler Temperature acceptable,where thermal pres is required(</=6C, not frozen).	True	
Cooler Temperature is recorded.	True	
WV:Container Temp acceptable,where thermal pres is required (</=6C, not frozen).	N/A	
WV: Container Temperature is recorded.	N/A	
COC is present.	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information.	True	
There are no discrepancies between the containers received and the COC.	False	Refer to Job Narrative for details.
Sample containers have legible labels.	True	
Containers are not broken or leaking.	True	
Sample collection date/times are provided.	True	
Appropriate sample containers are used.	True	
Sample bottles are completely filled.	True	
There is sufficient vol. for all requested analyses.	True	
Is the Field Sampler's name present on COC?	False	Received project as a subcontract.
Sample custody seals are intact.	N/A	
VOA sample vials do not have headspace >6mm in diameter (none, if from WV)?	N/A	

Login Sample Receipt Checklist

Client: August Mack Environmental, Inc.

Job Number: 240-212566-2

Login Number: 212566
List Number: 3
Creator: Arroyo, Haley

List Source: Eurofins Lancaster Laboratories Environment Testing, LLC
List Creation: 10/10/24 01:05 PM

Question	Answer	Comment
The cooler's custody seal is intact.	N/A	
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	True	
Cooler Temperature acceptable,where thermal pres is required(</=6C, not frozen).	True	
Cooler Temperature is recorded.	True	
WV:Container Temp acceptable,where thermal pres is required (</=6C, not frozen).	N/A	
WV: Container Temperature is recorded.	N/A	
COC is present.	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information.	True	
There are no discrepancies between the containers received and the COC.	True	
Sample containers have legible labels.	True	
Containers are not broken or leaking.	True	
Sample collection date/times are provided.	True	
Appropriate sample containers are used.	True	
Sample bottles are completely filled.	True	
There is sufficient vol. for all requested analyses.	True	
Is the Field Sampler's name present on COC?	False	Received project as a subcontract.
Sample custody seals are intact.	N/A	
VOA sample vials do not have headspace >6mm in diameter (none, if from WV)?	N/A	

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ANALYTICAL REPORT

PREPARED FOR

Attn: Kain Lager-Lowe
August Mack Environmental, Inc.
7830 North Central Drive, Suite B
Lewis Center, Ohio 43035

Generated 10/28/2024 9:54:01 AM

JOB DESCRIPTION

MSC Canfield

JOB NUMBER

240-212801-2

Eurofins Cleveland
180 S. Van Buren Avenue
Barberton OH 44203

See page two for job notes and contact information.

my EOL

Job Notes

This report may not be reproduced except in full, and with written approval from the laboratory. The results relate only to the samples tested. For questions please contact the Project Manager at the e-mail address or telephone number listed on this page.

The test results in this report relate only to the samples as received by the laboratory and will meet all requirements of the methodology, with any exceptions noted. This report shall not be reproduced except in full, without the express written approval of the laboratory. All questions should be directed to the Eurofins Environment Testing North Central, LLC Project Manager.

Authorization



Generated
10/28/2024 9:54:01 AM

Authorized for release by
Nicole Kalis, Project Manager I
Nicole.Kalis@et.eurofinsus.com
(330)497-9396

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Definitions/Glossary

Client: August Mack Environmental, Inc. Job ID: 240-212801-2
Project/Site: MSC Canfield

Qualifiers

General Chemistry

Qualifier	Qualifier Description
F1	MS and/or MSD recovery exceeds control limits.
J	Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.

Glossary

Abbreviation	These commonly used abbreviations may or may not be present in this report.
☼	Listed under the "D" column to designate that the result is reported on a dry weight basis
%R	Percent Recovery
CFL	Contains Free Liquid
CFU	Colony Forming Unit
CNF	Contains No Free Liquid
DER	Duplicate Error Ratio (normalized absolute difference)
Dil Fac	Dilution Factor
DL	Detection Limit (DoD/DOE)
DL, RA, RE, IN	Indicates a Dilution, Re-analysis, Re-extraction, or additional Initial metals/anion analysis of the sample
DLC	Decision Level Concentration (Radiochemistry)
EDL	Estimated Detection Limit (Dioxin)
LOD	Limit of Detection (DoD/DOE)
LOQ	Limit of Quantitation (DoD/DOE)
MCL	EPA recommended "Maximum Contaminant Level"
MDA	Minimum Detectable Activity (Radiochemistry)
MDC	Minimum Detectable Concentration (Radiochemistry)
MDL	Method Detection Limit
ML	Minimum Level (Dioxin)
MPN	Most Probable Number
MQL	Method Quantitation Limit
NC	Not Calculated
ND	Not Detected at the reporting limit (or MDL or EDL if shown)
NEG	Negative / Absent
POS	Positive / Present
PQL	Practical Quantitation Limit
PRES	Presumptive
QC	Quality Control
RER	Relative Error Ratio (Radiochemistry)
RL	Reporting Limit or Requested Limit (Radiochemistry)
RPD	Relative Percent Difference, a measure of the relative difference between two points
TEF	Toxicity Equivalent Factor (Dioxin)
TEQ	Toxicity Equivalent Quotient (Dioxin)
TNTC	Too Numerous To Count

Job ID: 240-212801-2 Eurofins Cleveland

Job Narrative
240-212801-2

Analytical test results meet all requirements of the associated regulatory program listed on the Accreditation/Certification Summary Page unless otherwise noted under the individual analysis. Data qualifiers and/or narrative comments are included to explain any exceptions, if applicable.

- Matrix QC may not be reported if insufficient sample is provided or site-specific QC samples were not submitted. In these situations, to demonstrate precision and accuracy at a batch level, a LCS/LCSD may be performed, unless otherwise specified in the method.
- Surrogate and/or isotope dilution analyte recoveries (if applicable) which are outside of the QC window are confirmed unless attributed to a dilution or otherwise noted in the narrative.

Regulated compliance samples (e.g. SDWA, NPDES) must comply with the associated agency requirements/permits.

Receipt
The samples were received on 10/10/2024 3:15 PM. Unless otherwise noted below, the samples arrived in good condition, and, where required, properly preserved and on ice. The temperatures of the 7 coolers at receipt time were 5.7°C, 6.1°C, 7.2°C, 7.8°C, 10.1°C, 10.9°C and 23.5°C.

Receipt Exceptions
The following analyses were canceled by the client on 10/11/2024: 8260D VOCs, 8082A PCBs.

General Chemistry
Method 7196A: The following samples were diluted due to the nature of the sample matrix: SB-23-0.5 (240-212801-2), DUP-9-2024 1008 (240-212801-4), SB-24-0 (240-212801-5), SB-24-0.5 (240-212801-6), SB-24-2.0 (240-212801-7), SB-25-0 (240-212801-8), SB-25-0.5 (240-212801-9), SB-25-2.0 (240-212801-10), SB-26-2.0 (240-212801-11), SB-26-0 (240-212801-12), SB-26-0.5 (240-212801-13), SB-27-0 (240-212801-14), SB-28-0 (240-212801-17), DUP-10-20241008 (240-212801-18), SB-28-0.5 (240-212801-19), SB-29-0 (240-212801-21) and SB-29-0.5 (240-212801-22). Elevated reporting limits (RLs) are provided.

Method 7196A: The matrix spike soluble/matrix spike insoluble (MSS/MSI) recoveries for batch preparation batch 410-564579 and analytical batch 410-564733, were outside control limits due to sample matrix. The associated laboratory control sample (LCSS/LCSI) recoveries met acceptance criteria.

Method 7196A: The matrix spike soluble/matrix spike insoluble (MSS/MSI) recoveries for batch preparation batch 410-565255 and analytical batch 410-565307, which is a re-prep of batch 410-565255, were outside control limits due to sample matrix. The associated laboratory control sample (LCSS/LCSI) recoveries met acceptance criteria. Both sets of data have been reported.

No additional analytical or quality issues were noted, other than those described above or in the Definitions/ Glossary page.

Method Summary

Client: August Mack Environmental, Inc.
Project/Site: MSC Canfield

Job ID: 240-212801-2

Method	Method Description	Protocol	Laboratory
7196A	Chromium, Hexavalent	SW846	ELLE
OIA-1677	Cyanide, Free (Flow Injection)	OI CORP	ELLE
3060A	Alkaline Digestion (Chromium, Hexavalent)	SW846	ELLE
D3987-85	ASTM Leaching Procedure	ASTM	ELLE

Protocol References:

ASTM = ASTM International

OI CORP = OI Corporation Instrument Manual.

SW846 = "Test Methods For Evaluating Solid Waste, Physical/Chemical Methods", Third Edition, November 1986 And Its Updates.

Laboratory References:

ELLE = Eurofins Lancaster Laboratories Environment Testing, LLC, 2425 New Holland Pike, Lancaster, PA 17601, TEL (717)656-2300

Sample Summary

Client: August Mack Environmental, Inc.
Project/Site: MSC Canfield

Job ID: 240-212801-2

Lab Sample ID	Client Sample ID	Matrix	Collected	Received
240-212801-1	SB-23-0	Solid	10/08/24 09:45	10/10/24 15:15
240-212801-2	SB-23-0.5	Solid	10/08/24 09:55	10/10/24 15:15
240-212801-3	SB-23-2.0	Solid	10/08/24 10:10	10/10/24 15:15
240-212801-4	DUP-9-2024 1008	Solid	10/08/24 00:00	10/10/24 15:15
240-212801-5	SB-24-0	Solid	10/08/24 10:25	10/10/24 15:15
240-212801-6	SB-24-0.5	Solid	10/08/24 10:35	10/10/24 15:15
240-212801-7	SB-24-2.0	Solid	10/08/24 10:45	10/10/24 15:15
240-212801-8	SB-25-0	Solid	10/08/24 11:35	10/10/24 15:15
240-212801-9	SB-25-0.5	Solid	10/08/24 11:45	10/10/24 15:15
240-212801-10	SB-25-2.0	Solid	10/08/24 12:00	10/10/24 15:15
240-212801-11	SB-26-2.0	Solid	10/08/24 12:30	10/10/24 15:15
240-212801-12	SB-26-0	Solid	10/08/24 12:05	10/10/24 15:15
240-212801-13	SB-26-0.5	Solid	10/08/24 12:15	10/10/24 15:15
240-212801-14	SB-27-0	Solid	10/08/24 12:50	10/10/24 15:15
240-212801-15	SB-27-0.5	Solid	10/08/24 13:05	10/10/24 15:15
240-212801-16	SB-27-2.0	Solid	10/08/24 13:15	10/10/24 15:15
240-212801-17	SB-28-0	Solid	10/08/24 14:05	10/10/24 15:15
240-212801-18	DUP-10-20241008	Solid	10/08/24 00:00	10/10/24 15:15
240-212801-19	SB-28-0.5	Solid	10/08/24 14:15	10/10/24 15:15
240-212801-20	SB-28-2.0	Solid	10/08/24 14:30	10/10/24 15:15
240-212801-21	SB-29-0	Solid	10/08/24 14:55	10/10/24 15:15
240-212801-22	SB-29-0.5	Solid	10/08/24 15:10	10/10/24 15:15
240-212801-23	SB-29-2.0	Solid	10/08/24 15:20	10/10/24 15:15
240-212801-24	SB-34-0	Solid	10/08/24 15:45	10/10/24 15:15
240-212801-25	SB-34-0.5	Solid	10/08/24 15:50	10/10/24 15:15
240-212801-26	SB-34-2.0	Solid	10/08/24 16:00	10/10/24 15:15
240-212801-30	SB-33-0	Solid	10/09/24 09:10	10/10/24 15:15
240-212801-31	SB-33-0.5	Solid	10/09/24 09:20	10/10/24 15:15
240-212801-32	SB-33-2.0	Solid	10/09/24 09:30	10/10/24 15:15
240-212801-33	DUP-11-20241009	Solid	10/09/24 00:00	10/10/24 15:15
240-212801-34	SB-32-0	Solid	10/09/24 09:50	10/10/24 15:15
240-212801-35	SB-32-0.5	Solid	10/09/24 10:00	10/10/24 15:15
240-212801-36	SB-32-2.0	Solid	10/09/24 10:15	10/10/24 15:15
240-212801-37	SB-31-0	Solid	10/09/24 10:55	10/10/24 15:15
240-212801-38	DUP-12-20241009	Solid	10/09/24 00:00	10/10/24 15:15
240-212801-39	SB-31-0.5	Solid	10/09/24 11:05	10/10/24 15:15
240-212801-40	SB-31-2.0	Solid	10/09/24 11:15	10/10/24 15:15
240-212801-41	SB-30-0	Solid	10/09/24 12:30	10/10/24 15:15
240-212801-42	SB-30-0.5	Solid	10/09/24 12:45	10/10/24 15:15
240-212801-43	DUP-13-20241009	Solid	10/09/24 00:00	10/10/24 15:15
240-212801-44	SB-30-2.0	Solid	10/09/24 13:05	10/10/24 15:15
240-212801-45	SB-36-0	Solid	10/09/24 13:45	10/10/24 15:15
240-212801-46	SB-36-0.5	Solid	10/09/24 13:55	10/10/24 15:15
240-212801-47	SB-36-2.0	Solid	10/09/24 14:05	10/10/24 15:15
240-212801-48	SB-35-0	Solid	10/09/24 14:30	10/10/24 15:15
240-212801-49	SB-35-0.5	Solid	10/09/24 14:35	10/10/24 15:15
240-212801-50	SB-35-2.0	Solid	10/09/24 14:45	10/10/24 15:15
240-212801-55	EB-2-20241010	Water	10/10/24 12:25	10/10/24 15:15
240-212801-56	RB-2-20241010	Water	10/10/24 11:48	10/10/24 15:15

Detection Summary

Client: August Mack Environmental, Inc.
Project/Site: MSC Canfield

Job ID: 240-212801-2

Client Sample ID: SB-23-0 — Lab Sample ID: 240-212801-1

No Detections.

Client Sample ID: SB-23-0.5 — Lab Sample ID: 240-212801-2

No Detections.

Client Sample ID: SB-23-2.0 — Lab Sample ID: 240-212801-3

No Detections.

Client Sample ID: DUP-9-2024 1008 — Lab Sample ID: 240-212801-4

No Detections.

Client Sample ID: SB-24-0 — Lab Sample ID: 240-212801-5

No Detections.

Client Sample ID: SB-24-0.5 — Lab Sample ID: 240-212801-6

No Detections.

Client Sample ID: SB-24-2.0 — Lab Sample ID: 240-212801-7

No Detections.

Client Sample ID: SB-25-0 — Lab Sample ID: 240-212801-8

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Cyanide, Free	0.012		0.0060	0.0050	mg/L	1		OIA-1677	ASTM Leach

Client Sample ID: SB-25-0.5 — Lab Sample ID: 240-212801-9

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Cyanide, Free	0.0074		0.0060	0.0050	mg/L	1		OIA-1677	ASTM Leach

Client Sample ID: SB-25-2.0 — Lab Sample ID: 240-212801-10

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Cyanide, Free	0.0054	J	0.0060	0.0050	mg/L	1		OIA-1677	ASTM Leach

Client Sample ID: SB-26-2.0 — Lab Sample ID: 240-212801-11

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Cyanide, Free	0.0062		0.0060	0.0050	mg/L	1		OIA-1677	ASTM Leach

Client Sample ID: SB-26-0 — Lab Sample ID: 240-212801-12

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Cyanide, Free	0.014		0.0060	0.0050	mg/L	1		OIA-1677	ASTM Leach

Client Sample ID: SB-26-0.5 — Lab Sample ID: 240-212801-13

No Detections.

Client Sample ID: SB-27-0 — Lab Sample ID: 240-212801-14

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Cr (VI)	13	J F1	34	11	mg/Kg	50	☼	7196A	Total/NA
Cyanide, Free	0.025		0.0060	0.0050	mg/L	1		OIA-1677	ASTM Leach

This Detection Summary does not include radiochemical test results.

Detection Summary

Client: August Mack Environmental, Inc.
Project/Site: MSC Canfield

Job ID: 240-212801-2

Client Sample ID: SB-27-0.5 — Lab Sample ID: 240-212801-15

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Cyanide, Free	0.0072		0.0060	0.0050	mg/L	1		OIA-1677	ASTM Leach

Client Sample ID: SB-27-2.0 — Lab Sample ID: 240-212801-16

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Cyanide, Free	0.0087		0.0060	0.0050	mg/L	1		OIA-1677	ASTM Leach

Client Sample ID: SB-28-0 — Lab Sample ID: 240-212801-17

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Cyanide, Free	0.012		0.0060	0.0050	mg/L	1		OIA-1677	ASTM Leach

Client Sample ID: DUP-10-20241008 — Lab Sample ID: 240-212801-18

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Cyanide, Free	0.0068		0.0060	0.0050	mg/L	1		OIA-1677	ASTM Leach

Client Sample ID: SB-28-0.5 — Lab Sample ID: 240-212801-19

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Cyanide, Free	0.0074		0.0060	0.0050	mg/L	1		OIA-1677	ASTM Leach

Client Sample ID: SB-28-2.0 — Lab Sample ID: 240-212801-20

No Detections.

Client Sample ID: SB-29-0 — Lab Sample ID: 240-212801-21

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Cyanide, Free	0.032		0.0060	0.0050	mg/L	1		OIA-1677	ASTM Leach

Client Sample ID: SB-29-0.5 — Lab Sample ID: 240-212801-22

No Detections.

Client Sample ID: SB-29-2.0 — Lab Sample ID: 240-212801-23

No Detections.

Client Sample ID: SB-34-0 — Lab Sample ID: 240-212801-24

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Cyanide, Free	0.016		0.0060	0.0050	mg/L	1		OIA-1677	ASTM Leach

Client Sample ID: SB-34-0.5 — Lab Sample ID: 240-212801-25

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Cyanide, Free	0.013		0.0060	0.0050	mg/L	1		OIA-1677	ASTM Leach

Client Sample ID: SB-34-2.0 — Lab Sample ID: 240-212801-26

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Cyanide, Free	0.0083		0.0060	0.0050	mg/L	1		OIA-1677	ASTM Leach

Client Sample ID: SB-33-0 — Lab Sample ID: 240-212801-30

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Cyanide, Free	0.023		0.0060	0.0050	mg/L	1		OIA-1677	ASTM Leach

This Detection Summary does not include radiochemical test results.

Detection Summary

Client: August Mack Environmental, Inc.
Project/Site: MSC Canfield

Job ID: 240-212801-2

Client Sample ID: SB-33-0.5 — Lab Sample ID: 240-212801-31

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Cr (VI)	0.25	J	0.48	0.16	mg/Kg	1	☼	7196A	Total/NA
Cyanide, Free	0.0080		0.0060	0.0050	mg/L	1		OIA-1677	ASTM Leach

Client Sample ID: SB-33-2.0 — Lab Sample ID: 240-212801-32

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Cyanide, Free	0.0051	J	0.0060	0.0050	mg/L	1		OIA-1677	ASTM Leach

Client Sample ID: DUP-11-20241009 — Lab Sample ID: 240-212801-33

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Cyanide, Free	0.032		0.0060	0.0050	mg/L	1		OIA-1677	ASTM Leach

Client Sample ID: SB-32-0 — Lab Sample ID: 240-212801-34

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Cyanide, Free	0.032		0.0060	0.0050	mg/L	1		OIA-1677	ASTM Leach

Client Sample ID: SB-32-0.5 — Lab Sample ID: 240-212801-35

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Cyanide, Free	0.047		0.0060	0.0050	mg/L	1		OIA-1677	ASTM Leach

Client Sample ID: SB-32-2.0 — Lab Sample ID: 240-212801-36

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Cyanide, Free	0.026		0.0060	0.0050	mg/L	1		OIA-1677	ASTM Leach

Client Sample ID: SB-31-0 — Lab Sample ID: 240-212801-37

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Cyanide, Free	0.042		0.0060	0.0050	mg/L	1		OIA-1677	ASTM Leach

Client Sample ID: DUP-12-20241009 — Lab Sample ID: 240-212801-38

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Cyanide, Free	0.033		0.0060	0.0050	mg/L	1		OIA-1677	ASTM Leach

Client Sample ID: SB-31-0.5 — Lab Sample ID: 240-212801-39

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Cyanide, Free	0.0071		0.0060	0.0050	mg/L	1		OIA-1677	ASTM Leach

Client Sample ID: SB-31-2.0 — Lab Sample ID: 240-212801-40

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Cyanide, Free	0.0051	J	0.0060	0.0050	mg/L	1		OIA-1677	ASTM Leach

Client Sample ID: SB-30-0 — Lab Sample ID: 240-212801-41

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Cyanide, Free	0.025		0.0060	0.0050	mg/L	1		OIA-1677	ASTM Leach

This Detection Summary does not include radiochemical test results.

Detection Summary

Client: August Mack Environmental, Inc.
Project/Site: MSC Canfield

Job ID: 240-212801-2

Client Sample ID: SB-30-0.5 — Lab Sample ID: 240-212801-42

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Cyanide, Free	0.0053	J	0.0060	0.0050	mg/L	1		OIA-1677	ASTM Leach

Client Sample ID: DUP-13-20241009 — Lab Sample ID: 240-212801-43

No Detections.

Client Sample ID: SB-30-2.0 — Lab Sample ID: 240-212801-44

No Detections.

Client Sample ID: SB-36-0 — Lab Sample ID: 240-212801-45

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Cyanide, Free	0.065		0.0060	0.0050	mg/L	1		OIA-1677	ASTM Leach

Client Sample ID: SB-36-0.5 — Lab Sample ID: 240-212801-46

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Cyanide, Free	0.011		0.0060	0.0050	mg/L	1		OIA-1677	ASTM Leach

Client Sample ID: SB-36-2.0 — Lab Sample ID: 240-212801-47

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Cyanide, Free	0.0060	F1	0.0060	0.0050	mg/L	1		OIA-1677	ASTM Leach

Client Sample ID: SB-35-0 — Lab Sample ID: 240-212801-48

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Cyanide, Free	0.17		0.0060	0.0050	mg/L	1		OIA-1677	ASTM Leach

Client Sample ID: SB-35-0.5 — Lab Sample ID: 240-212801-49

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Cyanide, Free	0.0062		0.0060	0.0050	mg/L	1		OIA-1677	ASTM Leach

Client Sample ID: SB-35-2.0 — Lab Sample ID: 240-212801-50

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Cyanide, Free	0.0060		0.0060	0.0050	mg/L	1		OIA-1677	ASTM Leach

Client Sample ID: EB-2-20241010 — Lab Sample ID: 240-212801-55

No Detections.

Client Sample ID: RB-2-20241010 — Lab Sample ID: 240-212801-56

No Detections.

This Detection Summary does not include radiochemical test results.

Client: August Mack Environmental, Inc.
Project/Site: MSC Canfield

Job ID: 240-212801-2

Client Sample ID: SB-23-0
Date Collected: 10/08/24 09:45
Date Received: 10/10/24 15:15

Lab Sample ID: 240-212801-1
Matrix: Solid
Percent Solids: 58.6

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cr (VI) (SW846 7196A)	ND		0.70	0.23	mg/Kg	☼	10/16/24 12:20	10/16/24 20:28	1

General Chemistry - ASTM Leach

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cyanide, Free (OI CORP OIA-1677)	ND		0.0060	0.0050	mg/L			10/18/24 17:03	1

Client: August Mack Environmental, Inc.
Project/Site: MSC Canfield

Job ID: 240-212801-2

Client Sample ID: SB-23-0.5
Date Collected: 10/08/24 09:55
Date Received: 10/10/24 15:15

Lab Sample ID: 240-212801-2
Matrix: Solid
Percent Solids: 70.2

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cr (VI) (SW846 7196A)	ND		3.0	1.0	mg/Kg	☼	10/17/24 15:18	10/17/24 23:44	5

General Chemistry - ASTM Leach

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cyanide, Free (OI CORP OIA-1677)	ND		0.0060	0.0050	mg/L			10/18/24 16:58	1

Client: August Mack Environmental, Inc.
Project/Site: MSC Canfield

Job ID: 240-212801-2

Client Sample ID: SB-23-2.0
Date Collected: 10/08/24 10:10
Date Received: 10/10/24 15:15

Lab Sample ID: 240-212801-3
Matrix: Solid
Percent Solids: 81.1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cr (VI) (SW846 7196A)	ND		0.52	0.17	mg/Kg	☼	10/16/24 12:20	10/16/24 20:28	1

General Chemistry - ASTM Leach

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cyanide, Free (OI CORP OIA-1677)	ND		0.0060	0.0050	mg/L			10/18/24 17:01	1

Client: August Mack Environmental, Inc.
Job ID: 240-212801-2
Project/Site: MSC Canfield

Client Sample ID: DUP-9-2024 1008
Lab Sample ID: 240-212801-4
Date Collected: 10/08/24 00:00
Matrix: Solid
Date Received: 10/10/24 15:15
Percent Solids: 64.1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cr (VI) (SW846 7196A)	ND		3.3	1.1	mg/Kg	☼	10/17/24 15:18	10/17/24 23:44	5

General Chemistry - ASTM Leach

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cyanide, Free (OI CORP OIA-1677)	ND		0.0060	0.0050	mg/L			10/18/24 17:06	1

Client: August Mack Environmental, Inc.
Project/Site: MSC Canfield

Job ID: 240-212801-2

Client Sample ID: SB-24-0
Date Collected: 10/08/24 10:25
Date Received: 10/10/24 15:15

Lab Sample ID: 240-212801-5
Matrix: Solid
Percent Solids: 62.0

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cr (VI) (SW846 7196A)	ND		6.9	2.3	mg/Kg	☼	10/17/24 15:18	10/17/24 23:44	10

General Chemistry - ASTM Leach

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cyanide, Free (OI CORP OIA-1677)	ND		0.0060	0.0050	mg/L			10/18/24 17:08	1

Client: August Mack Environmental, Inc.
Project/Site: MSC Canfield

Job ID: 240-212801-2

Client Sample ID: SB-24-0.5
Date Collected: 10/08/24 10:35
Date Received: 10/10/24 15:15

Lab Sample ID: 240-212801-6
Matrix: Solid
Percent Solids: 68.6

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cr (VI) (SW846 7196A)	ND		3.1	1.0	mg/Kg	☼	10/17/24 15:18	10/17/24 23:44	5

General Chemistry - ASTM Leach

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cyanide, Free (OI CORP OIA-1677)	ND		0.0060	0.0050	mg/L			10/18/24 17:16	1

Client: August Mack Environmental, Inc.
Project/Site: MSC Canfield

Job ID: 240-212801-2

Client Sample ID: SB-24-2.0
Date Collected: 10/08/24 10:45
Date Received: 10/10/24 15:15

Lab Sample ID: 240-212801-7
Matrix: Solid
Percent Solids: 79.0

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cr (VI) (SW846 7196A)	ND		2.7	0.89	mg/Kg	☼	10/17/24 15:18	10/17/24 23:44	5

General Chemistry - ASTM Leach

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cyanide, Free (OI CORP OIA-1677)	ND		0.0060	0.0050	mg/L			10/18/24 17:18	1

Client: August Mack Environmental, Inc.
Project/Site: MSC Canfield

Job ID: 240-212801-2

Client Sample ID: SB-25-0
Date Collected: 10/08/24 11:35
Date Received: 10/10/24 15:15

Lab Sample ID: 240-212801-8
Matrix: Solid
Percent Solids: 34.0

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cr (VI) (SW846 7196A)	ND		12	4.1	mg/Kg	☼	10/17/24 15:18	10/17/24 23:44	10

General Chemistry - ASTM Leach

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cyanide, Free (OI CORP OIA-1677)	0.012		0.0060	0.0050	mg/L			10/22/24 12:37	1

Client: August Mack Environmental, Inc.
Project/Site: MSC Canfield

Job ID: 240-212801-2

Client Sample ID: SB-25-0.5
Date Collected: 10/08/24 11:45
Date Received: 10/10/24 15:15

Lab Sample ID: 240-212801-9
Matrix: Solid
Percent Solids: 51.2

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cr (VI) (SW846 7196A)	ND		4.0	1.3	mg/Kg	☼	10/17/24 15:18	10/17/24 23:44	5

General Chemistry - ASTM Leach

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cyanide, Free (OI CORP OIA-1677)	0.0074		0.0060	0.0050	mg/L			10/22/24 13:22	1

Client: August Mack Environmental, Inc.
Project/Site: MSC Canfield

Job ID: 240-212801-2

Client Sample ID: SB-25-2.0
Date Collected: 10/08/24 12:00
Date Received: 10/10/24 15:15

Lab Sample ID: 240-212801-10
Matrix: Solid
Percent Solids: 78.4

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cr (VI) (SW846 7196A)	ND		2.7	0.90	mg/Kg	☼	10/17/24 15:18	10/17/24 23:44	5

General Chemistry - ASTM Leach

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cyanide, Free (OI CORP OIA-1677)	0.0054	J	0.0060	0.0050	mg/L			10/22/24 12:42	1

Client: August Mack Environmental, Inc.
Project/Site: MSC Canfield

Job ID: 240-212801-2

Client Sample ID: SB-26-2.0
Date Collected: 10/08/24 12:30
Date Received: 10/10/24 15:15

Lab Sample ID: 240-212801-11
Matrix: Solid
Percent Solids: 80.3

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cr (VI) (SW846 7196A)	ND		2.6	0.88	mg/Kg	☼	10/17/24 15:18	10/17/24 23:44	5

General Chemistry - ASTM Leach

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cyanide, Free (OI CORP OIA-1677)	0.0062		0.0060	0.0050	mg/L			10/22/24 12:44	1

Client: August Mack Environmental, Inc.
Project/Site: MSC Canfield

Job ID: 240-212801-2

Client Sample ID: SB-26-0
Date Collected: 10/08/24 12:05
Date Received: 10/10/24 15:15

Lab Sample ID: 240-212801-12
Matrix: Solid
Percent Solids: 40.3

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cr (VI) (SW846 7196A)	ND		10	3.5	mg/Kg	☼	10/17/24 15:18	10/17/24 23:44	10

General Chemistry - ASTM Leach

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cyanide, Free (OI CORP OIA-1677)	0.014		0.0060	0.0050	mg/L			10/22/24 12:59	1

Client: August Mack Environmental, Inc.
Project/Site: MSC Canfield

Job ID: 240-212801-2

Client Sample ID: SB-26-0.5
Date Collected: 10/08/24 12:15
Date Received: 10/10/24 15:15

Lab Sample ID: 240-212801-13
Matrix: Solid
Percent Solids: 67.6

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cr (VI) (SW846 7196A)	ND		6.3	2.1	mg/Kg	☼	10/17/24 15:18	10/17/24 23:44	10

General Chemistry - ASTM Leach

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cyanide, Free (OI CORP OIA-1677)	ND		0.0060	0.0050	mg/L			10/18/24 17:21	1

Client: August Mack Environmental, Inc.
Project/Site: MSC Canfield

Job ID: 240-212801-2

Client Sample ID: SB-27-0
Date Collected: 10/08/24 12:50
Date Received: 10/10/24 15:15

Lab Sample ID: 240-212801-14
Matrix: Solid
Percent Solids: 62.3

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cr (VI) (SW846 7196A)	13	J F1	34	11	mg/Kg	☼	10/17/24 15:18	10/17/24 23:44	50

General Chemistry - ASTM Leach

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cyanide, Free (OI CORP OIA-1677)	0.025		0.0060	0.0050	mg/L			10/18/24 16:51	1

Client: August Mack Environmental, Inc.
Project/Site: MSC Canfield

Job ID: 240-212801-2

Client Sample ID: SB-27-0.5
Date Collected: 10/08/24 13:05
Date Received: 10/10/24 15:15

Lab Sample ID: 240-212801-15
Matrix: Solid
Percent Solids: 64.2

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cr (VI) (SW846 7196A)	ND		0.66	0.22	mg/Kg	☼	10/17/24 15:18	10/17/24 23:44	1

General Chemistry - ASTM Leach

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cyanide, Free (OI CORP OIA-1677)	0.0072		0.0060	0.0050	mg/L			10/18/24 17:23	1

Client: August Mack Environmental, Inc.
Project/Site: MSC Canfield

Job ID: 240-212801-2

Client Sample ID: SB-27-2.0
Date Collected: 10/08/24 13:15
Date Received: 10/10/24 15:15

Lab Sample ID: 240-212801-16
Matrix: Solid
Percent Solids: 77.1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cr (VI) (SW846 7196A)	ND		0.55	0.18	mg/Kg	☼	10/17/24 15:18	10/17/24 23:44	1

General Chemistry - ASTM Leach

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cyanide, Free (OI CORP OIA-1677)	0.0087		0.0060	0.0050	mg/L			10/22/24 13:50	1

Client: August Mack Environmental, Inc.
Project/Site: MSC Canfield

Job ID: 240-212801-2

Client Sample ID: SB-28-0
Date Collected: 10/08/24 14:05
Date Received: 10/10/24 15:15

Lab Sample ID: 240-212801-17
Matrix: Solid
Percent Solids: 37.4

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cr (VI) (SW846 7196A)	ND		11	3.7	mg/Kg	☼	10/17/24 15:18	10/17/24 23:44	10

General Chemistry - ASTM Leach

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cyanide, Free (OI CORP OIA-1677)	0.012		0.0060	0.0050	mg/L			10/22/24 13:52	1

Client: August Mack Environmental, Inc.
Project/Site: MSC Canfield

Job ID: 240-212801-2

Client Sample ID: DUP-10-20241008
Date Collected: 10/08/24 00:00
Date Received: 10/10/24 15:15

Lab Sample ID: 240-212801-18
Matrix: Solid
Percent Solids: 68.6

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cr (VI) (SW846 7196A)	ND		3.0	1.0	mg/Kg	☼	10/17/24 15:18	10/17/24 23:44	5

General Chemistry - ASTM Leach

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cyanide, Free (OI CORP OIA-1677)	0.0068		0.0060	0.0050	mg/L			10/22/24 13:14	1

Client: August Mack Environmental, Inc.
Project/Site: MSC Canfield

Job ID: 240-212801-2

Client Sample ID: SB-28-0.5
Date Collected: 10/08/24 14:15
Date Received: 10/10/24 15:15

Lab Sample ID: 240-212801-19
Matrix: Solid
Percent Solids: 71.0

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cr (VI) (SW846 7196A)	ND		5.8	1.9	mg/Kg	☼	10/17/24 15:18	10/17/24 23:44	10

General Chemistry - ASTM Leach

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cyanide, Free (OI CORP OIA-1677)	0.0074		0.0060	0.0050	mg/L			10/22/24 13:09	1

Client: August Mack Environmental, Inc.
Job ID: 240-212801-2
Project/Site: MSC Canfield

Client Sample ID: SB-28-2.0
Lab Sample ID: 240-212801-20
Date Collected: 10/08/24 14:30
Matrix: Solid
Date Received: 10/10/24 15:15
Percent Solids: 78.9

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cr (VI) (SW846 7196A)	ND		0.51	0.17	mg/Kg	☼	10/17/24 15:18	10/17/24 23:44	1

General Chemistry - ASTM Leach

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cyanide, Free (OI CORP OIA-1677)	ND		0.0060	0.0050	mg/L			10/18/24 18:03	1

Client: August Mack Environmental, Inc.
Project/Site: MSC Canfield

Job ID: 240-212801-2

Client Sample ID: SB-29-0
Date Collected: 10/08/24 14:55
Date Received: 10/10/24 15:15

Lab Sample ID: 240-212801-21
Matrix: Solid
Percent Solids: 43.4

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cr (VI) (SW846 7196A)	ND		4.8	1.6	mg/Kg	☼	10/17/24 15:18	10/17/24 23:44	5

General Chemistry - ASTM Leach

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cyanide, Free (OI CORP OIA-1677)	0.032		0.0060	0.0050	mg/L			10/18/24 18:01	1

Client: August Mack Environmental, Inc.
Project/Site: MSC Canfield

Job ID: 240-212801-2

Client Sample ID: SB-29-0.5
Date Collected: 10/08/24 15:10
Date Received: 10/10/24 15:15

Lab Sample ID: 240-212801-22
Matrix: Solid
Percent Solids: 51.8

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cr (VI) (SW846 7196A)	ND		4.1	1.4	mg/Kg	☼	10/17/24 15:21	10/17/24 23:44	5

General Chemistry - ASTM Leach

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cyanide, Free (OI CORP OIA-1677)	ND		0.0060	0.0050	mg/L			10/18/24 17:58	1

Client: August Mack Environmental, Inc.
Project/Site: MSC Canfield

Job ID: 240-212801-2

Client Sample ID: SB-29-2.0
Date Collected: 10/08/24 15:20
Date Received: 10/10/24 15:15

Lab Sample ID: 240-212801-23
Matrix: Solid
Percent Solids: 75.5

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cr (VI) (SW846 7196A)	ND		5.6	1.9	mg/Kg	☼	10/19/24 01:59	10/19/24 10:25	10

General Chemistry - ASTM Leach

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cyanide, Free (OI CORP OIA-1677)	ND		0.0060	0.0050	mg/L			10/18/24 17:53	1

Client: August Mack Environmental, Inc.
Project/Site: MSC Canfield

Job ID: 240-212801-2

Client Sample ID: SB-34-0
Date Collected: 10/08/24 15:45
Date Received: 10/10/24 15:15

Lab Sample ID: 240-212801-24
Matrix: Solid
Percent Solids: 67.8

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cr (VI) (SW846 7196A)	ND		3.2	1.1	mg/Kg	☼	10/19/24 01:59	10/19/24 10:25	5

General Chemistry - ASTM Leach

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cyanide, Free (OI CORP OIA-1677)	0.016		0.0060	0.0050	mg/L			10/18/24 17:56	1

Client: August Mack Environmental, Inc.
Project/Site: MSC Canfield

Job ID: 240-212801-2

Client Sample ID: SB-34-0.5
Date Collected: 10/08/24 15:50
Date Received: 10/10/24 15:15

Lab Sample ID: 240-212801-25
Matrix: Solid
Percent Solids: 81.4

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cr (VI) (SW846 7196A)	ND		0.49	0.16	mg/Kg	☼	10/19/24 01:59	10/19/24 10:25	1

General Chemistry - ASTM Leach

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cyanide, Free (OI CORP OIA-1677)	0.013		0.0060	0.0050	mg/L			10/22/24 13:07	1

Client: August Mack Environmental, Inc.
Project/Site: MSC Canfield

Job ID: 240-212801-2

Client Sample ID: SB-34-2.0
Date Collected: 10/08/24 16:00
Date Received: 10/10/24 15:15

Lab Sample ID: 240-212801-26
Matrix: Solid
Percent Solids: 85.1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cr (VI) (SW846 7196A)	ND		0.49	0.16	mg/Kg	☼	10/19/24 01:59	10/19/24 10:25	1

General Chemistry - ASTM Leach

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cyanide, Free (OI CORP OIA-1677)	0.0083		0.0060	0.0050	mg/L			10/22/24 13:19	1

Client: August Mack Environmental, Inc.
Project/Site: MSC Canfield

Job ID: 240-212801-2

Client Sample ID: SB-33-0
Date Collected: 10/09/24 09:10
Date Received: 10/10/24 15:15

Lab Sample ID: 240-212801-30
Matrix: Solid
Percent Solids: 69.2

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cr (VI) (SW846 7196A)	ND	F1	12	4.1	mg/Kg	☼	10/19/24 01:59	10/19/24 10:25	20

General Chemistry - ASTM Leach

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cyanide, Free (OI CORP OIA-1677)	0.023		0.0060	0.0050	mg/L			10/22/24 12:12	1

Client: August Mack Environmental, Inc.
Project/Site: MSC Canfield

Job ID: 240-212801-2

Client Sample ID: SB-33-0.5
Date Collected: 10/09/24 09:20
Date Received: 10/10/24 15:15

Lab Sample ID: 240-212801-31
Matrix: Solid
Percent Solids: 83.6

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cr (VI) (SW846 7196A)	0.25	J	0.48	0.16	mg/Kg	☼	10/19/24 01:59	10/19/24 10:25	1

General Chemistry - ASTM Leach

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cyanide, Free (OI CORP OIA-1677)	0.0080		0.0060	0.0050	mg/L			10/22/24 13:45	1

Client: August Mack Environmental, Inc.
Project/Site: MSC Canfield

Job ID: 240-212801-2

Client Sample ID: SB-33-2.0
Date Collected: 10/09/24 09:30
Date Received: 10/10/24 15:15

Lab Sample ID: 240-212801-32
Matrix: Solid
Percent Solids: 82.8

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cr (VI) (SW846 7196A)	ND		0.51	0.17	mg/Kg	☼	10/19/24 01:59	10/19/24 10:25	1

General Chemistry - ASTM Leach

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cyanide, Free (OI CORP OIA-1677)	0.0051	J	0.0060	0.0050	mg/L			10/22/24 12:39	1

Client: August Mack Environmental, Inc.
Project/Site: MSC Canfield

Job ID: 240-212801-2

Client Sample ID: DUP-11-20241009
Date Collected: 10/09/24 00:00
Date Received: 10/10/24 15:15

Lab Sample ID: 240-212801-33
Matrix: Solid
Percent Solids: 63.0

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cr (VI) (SW846 7196A)	ND		6.6	2.2	mg/Kg	☼	10/19/24 01:59	10/19/24 10:25	10

General Chemistry - ASTM Leach

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cyanide, Free (OI CORP OIA-1677)	0.032		0.0060	0.0050	mg/L			10/22/24 13:17	1

Client: August Mack Environmental, Inc.
Project/Site: MSC Canfield

Job ID: 240-212801-2

Client Sample ID: SB-32-0
Date Collected: 10/09/24 09:50
Date Received: 10/10/24 15:15

Lab Sample ID: 240-212801-34
Matrix: Solid
Percent Solids: 63.4

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cr (VI) (SW846 7196A)	ND		6.7	2.2	mg/Kg	☼	10/19/24 01:59	10/19/24 10:25	10

General Chemistry - ASTM Leach

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cyanide, Free (OI CORP OIA-1677)	0.032		0.0060	0.0050	mg/L			10/22/24 14:07	1

Client: August Mack Environmental, Inc.
Project/Site: MSC Canfield

Job ID: 240-212801-2

Client Sample ID: SB-32-0.5
Date Collected: 10/09/24 10:00
Date Received: 10/10/24 15:15

Lab Sample ID: 240-212801-35
Matrix: Solid
Percent Solids: 64.5

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cr (VI) (SW846 7196A)	ND		6.2	2.1	mg/Kg	☼	10/19/24 01:59	10/19/24 10:25	10

General Chemistry - ASTM Leach

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cyanide, Free (OI CORP OIA-1677)	0.047		0.0060	0.0050	mg/L			10/22/24 14:02	1

Client: August Mack Environmental, Inc.
Project/Site: MSC Canfield

Job ID: 240-212801-2

Client Sample ID: SB-32-2.0
Date Collected: 10/09/24 10:15
Date Received: 10/10/24 15:15

Lab Sample ID: 240-212801-36
Matrix: Solid
Percent Solids: 68.9

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cr (VI) (SW846 7196A)	ND		6.2	2.1	mg/Kg	☼	10/19/24 01:59	10/19/24 10:25	10

General Chemistry - ASTM Leach

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cyanide, Free (OI CORP OIA-1677)	0.026		0.0060	0.0050	mg/L			10/22/24 13:24	1

Client: August Mack Environmental, Inc.
Project/Site: MSC Canfield

Job ID: 240-212801-2

Client Sample ID: SB-31-0
Date Collected: 10/09/24 10:55
Date Received: 10/10/24 15:15

Lab Sample ID: 240-212801-37
Matrix: Solid
Percent Solids: 50.3

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cr (VI) (SW846 7196A)	ND		8.1	2.7	mg/Kg	☼	10/19/24 01:59	10/19/24 10:25	10

General Chemistry - ASTM Leach

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cyanide, Free (OI CORP OIA-1677)	0.042		0.0060	0.0050	mg/L			10/22/24 13:47	1

Client: August Mack Environmental, Inc.
Project/Site: MSC Canfield

Job ID: 240-212801-2

Client Sample ID: DUP-12-20241009
Date Collected: 10/09/24 00:00
Date Received: 10/10/24 15:15

Lab Sample ID: 240-212801-38
Matrix: Solid
Percent Solids: 52.1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cr (VI) (SW846 7196A)	ND		8.5	2.8	mg/Kg	☼	10/19/24 01:59	10/19/24 10:25	10

General Chemistry - ASTM Leach

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cyanide, Free (OI CORP OIA-1677)	0.033		0.0060	0.0050	mg/L			10/22/24 13:12	1

Client: August Mack Environmental, Inc.
Project/Site: MSC Canfield

Job ID: 240-212801-2

Client Sample ID: SB-31-0.5
Date Collected: 10/09/24 11:05
Date Received: 10/10/24 15:15

Lab Sample ID: 240-212801-39
Matrix: Solid
Percent Solids: 67.6

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cr (VI) (SW846 7196A)	ND		6.5	2.2	mg/Kg	☼	10/19/24 01:59	10/19/24 10:25	10

General Chemistry - ASTM Leach

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cyanide, Free (OI CORP OIA-1677)	0.0071		0.0060	0.0050	mg/L			10/22/24 14:05	1

Client: August Mack Environmental, Inc.
Project/Site: MSC Canfield

Job ID: 240-212801-2

Client Sample ID: SB-31-2.0
Date Collected: 10/09/24 11:15
Date Received: 10/10/24 15:15

Lab Sample ID: 240-212801-40
Matrix: Solid
Percent Solids: 54.7

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cr (VI) (SW846 7196A)	ND		7.5	2.5	mg/Kg	☼	10/19/24 01:59	10/19/24 10:25	10

General Chemistry - ASTM Leach

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cyanide, Free (OI CORP OIA-1677)	0.0051	J	0.0060	0.0050	mg/L			10/25/24 19:30	1

Client: August Mack Environmental, Inc.
Project/Site: MSC Canfield

Job ID: 240-212801-2

Client Sample ID: SB-30-0
Date Collected: 10/09/24 12:30
Date Received: 10/10/24 15:15

Lab Sample ID: 240-212801-41
Matrix: Solid
Percent Solids: 47.4

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cr (VI) (SW846 7196A)	ND	F1	8.5	2.8	mg/Kg	☼	10/19/24 01:59	10/19/24 10:25	10

General Chemistry - ASTM Leach

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cyanide, Free (OI CORP OIA-1677)	0.025		0.0060	0.0050	mg/L			10/22/24 12:52	1

Client: August Mack Environmental, Inc.
Project/Site: MSC Canfield

Job ID: 240-212801-2

Client Sample ID: SB-30-0.5
Date Collected: 10/09/24 12:45
Date Received: 10/10/24 15:15

Lab Sample ID: 240-212801-42
Matrix: Solid
Percent Solids: 70.3

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cr (VI) (SW846 7196A)	ND		6.1	2.0	mg/Kg	☼	10/19/24 03:11	10/20/24 08:15	10

General Chemistry - ASTM Leach

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cyanide, Free (OI CORP OIA-1677)	0.0053	J	0.0060	0.0050	mg/L			10/25/24 19:28	1

Client: August Mack Environmental, Inc.
Project/Site: MSC Canfield

Job ID: 240-212801-2

Client Sample ID: DUP-13-20241009
Date Collected: 10/09/24 00:00
Date Received: 10/10/24 15:15

Lab Sample ID: 240-212801-43
Matrix: Solid
Percent Solids: 75.8

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cr (VI) (SW846 7196A)	ND		0.55	0.18	mg/Kg	☼	10/19/24 03:11	10/20/24 08:15	1

General Chemistry - ASTM Leach

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cyanide, Free (OI CORP OIA-1677)	ND		0.0060	0.0050	mg/L			10/24/24 16:38	1

Client: August Mack Environmental, Inc.
Project/Site: MSC Canfield

Job ID: 240-212801-2

Client Sample ID: SB-30-2.0
Date Collected: 10/09/24 13:05
Date Received: 10/10/24 15:15

Lab Sample ID: 240-212801-44
Matrix: Solid
Percent Solids: 77.9

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cr (VI) (SW846 7196A)	ND		0.56	0.19	mg/Kg	☼	10/19/24 03:11	10/20/24 08:15	1

General Chemistry - ASTM Leach

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cyanide, Free (OI CORP OIA-1677)	ND		0.0060	0.0050	mg/L			10/24/24 16:40	1

Client: August Mack Environmental, Inc.
Project/Site: MSC Canfield

Job ID: 240-212801-2

Client Sample ID: SB-36-0
Date Collected: 10/09/24 13:45
Date Received: 10/10/24 15:15

Lab Sample ID: 240-212801-45
Matrix: Solid
Percent Solids: 61.6

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cr (VI) (SW846 7196A)	ND		6.9	2.3	mg/Kg	☼	10/19/24 03:11	10/20/24 08:15	10

General Chemistry - ASTM Leach

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cyanide, Free (OI CORP OIA-1677)	0.065		0.0060	0.0050	mg/L			10/25/24 19:33	1

Client: August Mack Environmental, Inc.
Project/Site: MSC Canfield

Job ID: 240-212801-2

Client Sample ID: SB-36-0.5
Date Collected: 10/09/24 13:55
Date Received: 10/10/24 15:15

Lab Sample ID: 240-212801-46
Matrix: Solid
Percent Solids: 68.1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cr (VI) (SW846 7196A)	ND		6.4	2.1	mg/Kg	☼	10/19/24 03:11	10/20/24 08:15	10

General Chemistry - ASTM Leach

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cyanide, Free (OI CORP OIA-1677)	0.011		0.0060	0.0050	mg/L			10/25/24 19:38	1

Client: August Mack Environmental, Inc.
Project/Site: MSC Canfield

Job ID: 240-212801-2

Client Sample ID: SB-36-2.0
Date Collected: 10/09/24 14:05
Date Received: 10/10/24 15:15

Lab Sample ID: 240-212801-47
Matrix: Solid
Percent Solids: 76.7

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cr (VI) (SW846 7196A)	ND		0.55	0.18	mg/Kg	☼	10/19/24 03:11	10/20/24 08:15	1

General Chemistry - ASTM Leach

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cyanide, Free (OI CORP OIA-1677)	0.0060	F1	0.0060	0.0050	mg/L			10/25/24 19:20	1

Client: August Mack Environmental, Inc.
Project/Site: MSC Canfield

Job ID: 240-212801-2

Client Sample ID: SB-35-0
Date Collected: 10/09/24 14:30
Date Received: 10/10/24 15:15

Lab Sample ID: 240-212801-48
Matrix: Solid
Percent Solids: 46.0

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cr (VI) (SW846 7196A)	ND		18	6.0	mg/Kg	☼	10/19/24 03:11	10/20/24 08:15	20

General Chemistry - ASTM Leach

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cyanide, Free (OI CORP OIA-1677)	0.17		0.0060	0.0050	mg/L			10/24/24 16:35	1

Client: August Mack Environmental, Inc.
Project/Site: MSC Canfield

Job ID: 240-212801-2

Client Sample ID: SB-35-0.5
Date Collected: 10/09/24 14:35
Date Received: 10/10/24 15:15

Lab Sample ID: 240-212801-49
Matrix: Solid
Percent Solids: 48.3

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cr (VI) (SW846 7196A)	ND		0.85	0.28	mg/Kg	☼	10/19/24 03:11	10/20/24 08:15	1

General Chemistry - ASTM Leach

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cyanide, Free (OI CORP OIA-1677)	0.0062		0.0060	0.0050	mg/L			10/25/24 19:35	1

Client: August Mack Environmental, Inc.
Project/Site: MSC Canfield

Job ID: 240-212801-2

Client Sample ID: SB-35-2.0
Date Collected: 10/09/24 14:45
Date Received: 10/10/24 15:15

Lab Sample ID: 240-212801-50
Matrix: Solid
Percent Solids: 60.0

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cr (VI) (SW846 7196A)	ND		6.8	2.3	mg/Kg	☼	10/19/24 03:11	10/20/24 08:15	10

General Chemistry - ASTM Leach

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cyanide, Free (OI CORP OIA-1677)	0.0060		0.0060	0.0050	mg/L			10/25/24 19:40	1

Client: August Mack Environmental, Inc.
Project/Site: MSC Canfield

Job ID: 240-212801-2

Client Sample ID: EB-2-20241010
Date Collected: 10/10/24 12:25
Date Received: 10/10/24 15:15

Lab Sample ID: 240-212801-55
Matrix: Water

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cyanide, Free (OI CORP OIA-1677)	ND		0.0060	0.0050	mg/L			10/22/24 12:19	1

Client: August Mack Environmental, Inc.
Project/Site: MSC Canfield

Job ID: 240-212801-2

Client Sample ID: RB-2-20241010
Date Collected: 10/10/24 11:48
Date Received: 10/10/24 15:15

Lab Sample ID: 240-212801-56
Matrix: Water

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cyanide, Free (OI CORP OIA-1677)	ND		0.0060	0.0050	mg/L			10/22/24 12:22	1

Method: 7196A - Chromium, Hexavalent

Lab Sample ID: MB 410-563939/1-A
Matrix: Solid
Analysis Batch: 564122

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 563939

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cr (VI)	ND		0.42	0.14	mg/Kg		10/16/24 12:20	10/16/24 20:28	1

Lab Sample ID: LCS 410-563939/2-A
Matrix: Solid
Analysis Batch: 564122

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 563939

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Cr (VI)	5.00	4.83		mg/Kg		97	80 - 120

Lab Sample ID: LCSI 410-563939/3-A
Matrix: Solid
Analysis Batch: 564122

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 563939

Analyte	Spike Added	LCSI Result	LCSI Qualifier	Unit	D	%Rec	%Rec Limits
Cr (VI)	656	641		mg/Kg		98	80 - 120

Lab Sample ID: 240-212801-3 MSI
Matrix: Solid
Analysis Batch: 564122

Client Sample ID: SB-23-2.0
Prep Type: Total/NA
Prep Batch: 563939

Analyte	Sample Result	Sample Qualifier	Spike Added	MSI Result	MSI Qualifier	Unit	D	%Rec	%Rec Limits
Cr (VI)	ND		849	794		mg/Kg	☼	94	75 - 125

Lab Sample ID: 240-212801-3 MSS
Matrix: Solid
Analysis Batch: 564122

Client Sample ID: SB-23-2.0
Prep Type: Total/NA
Prep Batch: 563939

Analyte	Sample Result	Sample Qualifier	Spike Added	MSS Result	MSS Qualifier	Unit	D	%Rec	%Rec Limits
Cr (VI)	ND		49.3	38.6		mg/Kg	☼	78	75 - 125

Lab Sample ID: 240-212801-3 DU
Matrix: Solid
Analysis Batch: 564122

Client Sample ID: SB-23-2.0
Prep Type: Total/NA
Prep Batch: 563939

Analyte	Sample Result	Sample Qualifier	DU Result	DU Qualifier	Unit	D	RPD	RPD Limit
Cr (VI)	ND		ND		mg/Kg	☼	NC	20

Lab Sample ID: MB 410-564579/1-A
Matrix: Solid
Analysis Batch: 564733

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 564579

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cr (VI)	ND		0.42	0.14	mg/Kg		10/17/24 15:18	10/17/24 23:44	1

Lab Sample ID: LCS 410-564579/2-A
Matrix: Solid
Analysis Batch: 564733

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 564579

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Cr (VI)	5.00	4.54		mg/Kg		91	80 - 120

Method: 7196A - Chromium, Hexavalent

Lab Sample ID: LCSI 410-564579/3-A
Matrix: Solid
Analysis Batch: 564733

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 564579

Analyte	Spike Added	LCSI Result	LCSI Qualifier	Unit	D	%Rec	%Rec Limits
Cr (VI)	772	732		mg/Kg		95	80 - 120

Lab Sample ID: 240-212801-14 MSI
Matrix: Solid
Analysis Batch: 564733

Client Sample ID: SB-27-0
Prep Type: Total/NA
Prep Batch: 564579

Analyte	Sample Result	Sample Qualifier	Spike Added	MSI Result	MSI Qualifier	Unit	D	%Rec	%Rec Limits
Cr (VI)	13	J F1	1450	461	F1	mg/Kg	☼	31	75 - 125

Lab Sample ID: 240-212801-14 MSS
Matrix: Solid
Analysis Batch: 564733

Client Sample ID: SB-27-0
Prep Type: Total/NA
Prep Batch: 564579

Analyte	Sample Result	Sample Qualifier	Spike Added	MSS Result	MSS Qualifier	Unit	D	%Rec	%Rec Limits
Cr (VI)	13	J F1	64.2	13.0	J F1	mg/Kg	☼	0	75 - 125

Lab Sample ID: 240-212801-14 DU
Matrix: Solid
Analysis Batch: 564733

Client Sample ID: SB-27-0
Prep Type: Total/NA
Prep Batch: 564579

Analyte	Sample Result	Sample Qualifier	DU Result	DU Qualifier	Unit	D	RPD	RPD Limit
Cr (VI)	13	J F1	ND		mg/Kg	☼	NC	20

Lab Sample ID: MB 410-565255/1-A
Matrix: Solid
Analysis Batch: 565307

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 565255

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cr (VI)	ND		0.42	0.14	mg/Kg		10/19/24 01:59	10/19/24 10:25	1

Lab Sample ID: LCS 410-565255/2-A
Matrix: Solid
Analysis Batch: 565307

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 565255

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Cr (VI)	5.00	4.37		mg/Kg		87	80 - 120

Lab Sample ID: LCSI 410-565255/3-A
Matrix: Solid
Analysis Batch: 565307

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 565255

Analyte	Spike Added	LCSI Result	LCSI Qualifier	Unit	D	%Rec	%Rec Limits
Cr (VI)	643	647		mg/Kg		101	80 - 120

Lab Sample ID: 240-212801-30 MSI
Matrix: Solid
Analysis Batch: 565307

Client Sample ID: SB-33-0
Prep Type: Total/NA
Prep Batch: 565255

Analyte	Sample Result	Sample Qualifier	Spike Added	MSI Result	MSI Qualifier	Unit	D	%Rec	%Rec Limits
Cr (VI)	ND	F1	1180	435	F1	mg/Kg	☼	37	75 - 125

Method: 7196A - Chromium, Hexavalent

Lab Sample ID: 240-212801-30 MSS
Matrix: Solid
Analysis Batch: 565307

Client Sample ID: SB-33-0
Prep Type: Total/NA
Prep Batch: 565255

Analyte	Sample Result	Sample Qualifier	Spike Added	MSS Result	MSS Qualifier	Unit	D	%Rec	%Rec Limits
Cr (VI)	ND	F1	57.1	ND	F1	mg/Kg	☼	2	75 - 125

Lab Sample ID: 240-212801-41 MSI
Matrix: Solid
Analysis Batch: 565307

Client Sample ID: SB-30-0
Prep Type: Total/NA
Prep Batch: 565255

Analyte	Sample Result	Sample Qualifier	Spike Added	MSI Result	MSI Qualifier	Unit	D	%Rec	%Rec Limits
Cr (VI)	ND	F1	1750	233	F1	mg/Kg	☼	13	75 - 125

Lab Sample ID: 240-212801-41 MSS
Matrix: Solid
Analysis Batch: 565307

Client Sample ID: SB-30-0
Prep Type: Total/NA
Prep Batch: 565255

Analyte	Sample Result	Sample Qualifier	Spike Added	MSS Result	MSS Qualifier	Unit	D	%Rec	%Rec Limits
Cr (VI)	ND	F1	86.7	ND	F1	mg/Kg	☼	-2	75 - 125

Lab Sample ID: 240-212801-30 DU
Matrix: Solid
Analysis Batch: 565307

Client Sample ID: SB-33-0
Prep Type: Total/NA
Prep Batch: 565255

Analyte	Sample Result	Sample Qualifier	DU Result	DU Qualifier	Unit	D	RPD	RPD Limit
Cr (VI)	ND	F1	ND		mg/Kg	☼	NC	20

Lab Sample ID: 240-212801-41 DU
Matrix: Solid
Analysis Batch: 565307

Client Sample ID: SB-30-0
Prep Type: Total/NA
Prep Batch: 565255

Analyte	Sample Result	Sample Qualifier	DU Result	DU Qualifier	Unit	D	RPD	RPD Limit
Cr (VI)	ND	F1	3.47	J	mg/Kg	☼	NC	20

Lab Sample ID: MB 410-565256/1-A
Matrix: Solid
Analysis Batch: 565361

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 565256

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cr (VI)	ND		0.42	0.14	mg/Kg		10/19/24 03:11	10/20/24 08:15	1

Lab Sample ID: LCS 410-565256/2-A
Matrix: Solid
Analysis Batch: 565361

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 565256

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Cr (VI)	5.00	4.60		mg/Kg		92	80 - 120

Lab Sample ID: LCSI 410-565256/3-A
Matrix: Solid
Analysis Batch: 565361

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 565256

Analyte	Spike Added	LCSI Result	LCSI Qualifier	Unit	D	%Rec	%Rec Limits
Cr (VI)	785	684		mg/Kg		87	80 - 120

Method: OIA-1677 - Cyanide, Free (Flow Injection)

Lab Sample ID: MB 410-565424/17
Matrix: Solid
Analysis Batch: 565424

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cyanide, Free	ND		0.0060	0.0050	mg/L			10/18/24 16:48	1

Lab Sample ID: MB 410-565424/33
Matrix: Solid
Analysis Batch: 565424

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cyanide, Free	ND		0.0060	0.0050	mg/L			10/18/24 17:28	1

Lab Sample ID: LCS 410-565424/16
Matrix: Solid
Analysis Batch: 565424

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
Cyanide, Free			0.0500	0.0468		mg/L		94	82 - 132		

Lab Sample ID: LCS 410-565424/32
Matrix: Solid
Analysis Batch: 565424

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
Cyanide, Free			0.0500	0.0420		mg/L		84	82 - 132		

Lab Sample ID: MB 410-566770/17
Matrix: Solid
Analysis Batch: 566770

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cyanide, Free	ND		0.0060	0.0050	mg/L			10/22/24 12:09	1

Lab Sample ID: MB 410-566770/33
Matrix: Solid
Analysis Batch: 566770

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cyanide, Free	ND		0.0060	0.0050	mg/L			10/22/24 12:49	1

Lab Sample ID: MB 410-566770/51
Matrix: Solid
Analysis Batch: 566770

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cyanide, Free	ND		0.0060	0.0050	mg/L			10/22/24 13:35	1

Lab Sample ID: LCS 410-566770/16
Matrix: Solid
Analysis Batch: 566770

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
Cyanide, Free			0.0500	0.0565		mg/L		113	82 - 132		

Method: OIA-1677 - Cyanide, Free (Flow Injection)

Lab Sample ID: LCS 410-566770/32
Matrix: Solid
Analysis Batch: 566770

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Cyanide, Free	0.0500	0.0496		mg/L		99	82 - 132

Lab Sample ID: LCS 410-566770/50
Matrix: Solid
Analysis Batch: 566770

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Cyanide, Free	0.0500	0.0558		mg/L		112	82 - 132

Lab Sample ID: MB 410-567917/17
Matrix: Solid
Analysis Batch: 567917

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cyanide, Free	ND		0.0060	0.0050	mg/L			10/24/24 15:28	1

Lab Sample ID: MB 410-567917/33
Matrix: Solid
Analysis Batch: 567917

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cyanide, Free	ND		0.0060	0.0050	mg/L			10/24/24 16:08	1

Lab Sample ID: LCS 410-567917/32
Matrix: Solid
Analysis Batch: 567917

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Cyanide, Free	0.0500	0.0506		mg/L		101	82 - 132

Lab Sample ID: MB 410-568449/49
Matrix: Solid
Analysis Batch: 568449

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cyanide, Free	ND		0.0060	0.0050	mg/L			10/25/24 19:13	1

Lab Sample ID: LCS 410-568449/48
Matrix: Solid
Analysis Batch: 568449

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Cyanide, Free	0.0500	0.0486		mg/L		97	82 - 132

Lab Sample ID: 240-212801-14 MS
Matrix: Solid
Analysis Batch: 565424

Client Sample ID: SB-27-0
Prep Type: ASTM Leach

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Cyanide, Free	0.025		0.0500	0.0811		mg/L		112	82 - 130

Method: OIA-1677 - Cyanide, Free (Flow Injection)

Lab Sample ID: 240-212801-14 MSD — **Client Sample ID: SB-27-0**
Matrix: Solid — **Prep Type: ASTM Leach**
Analysis Batch: 565424

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Cyanide, Free	0.025		0.0500	0.0789		mg/L		108	82 - 130	3	11

Lab Sample ID: 240-212801-30 MS — **Client Sample ID: SB-33-0**
Matrix: Solid — **Prep Type: ASTM Leach**
Analysis Batch: 566770

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Cyanide, Free	0.023		0.0500	0.0772		mg/L		109	82 - 130

Lab Sample ID: 240-212801-30 MSD — **Client Sample ID: SB-33-0**
Matrix: Solid — **Prep Type: ASTM Leach**
Analysis Batch: 566770

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Cyanide, Free	0.023		0.0500	0.0774		mg/L		109	82 - 130	0	11

Lab Sample ID: 240-212801-41 MS — **Client Sample ID: SB-30-0**
Matrix: Solid — **Prep Type: ASTM Leach**
Analysis Batch: 566770

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Cyanide, Free	0.025		0.0500	0.0778		mg/L		106	82 - 130

Lab Sample ID: 240-212801-41 MSD — **Client Sample ID: SB-30-0**
Matrix: Solid — **Prep Type: ASTM Leach**
Analysis Batch: 566770

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Cyanide, Free	0.025		0.0500	0.0790		mg/L		108	82 - 130	2	11

Lab Sample ID: 240-212801-47 MS — **Client Sample ID: SB-36-2.0**
Matrix: Solid — **Prep Type: ASTM Leach**
Analysis Batch: 568449

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Cyanide, Free	0.0060	F1	0.0500	0.0458	F1	mg/L		80	82 - 130

Lab Sample ID: 240-212801-47 MSD — **Client Sample ID: SB-36-2.0**
Matrix: Solid — **Prep Type: ASTM Leach**
Analysis Batch: 568449

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Cyanide, Free	0.0060	F1	0.0500	0.0445	F1	mg/L		77	82 - 130	3	11

General Chemistry

Leach Batch: 562512

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
240-212801-1	SB-23-0	ASTM Leach	Solid	D3987-85	
240-212801-2	SB-23-0.5	ASTM Leach	Solid	D3987-85	
240-212801-3	SB-23-2.0	ASTM Leach	Solid	D3987-85	
240-212801-4	DUP-9-2024 1008	ASTM Leach	Solid	D3987-85	
240-212801-5	SB-24-0	ASTM Leach	Solid	D3987-85	
240-212801-6	SB-24-0.5	ASTM Leach	Solid	D3987-85	
240-212801-7	SB-24-2.0	ASTM Leach	Solid	D3987-85	
240-212801-8	SB-25-0	ASTM Leach	Solid	D3987-85	
240-212801-9	SB-25-0.5	ASTM Leach	Solid	D3987-85	
240-212801-10	SB-25-2.0	ASTM Leach	Solid	D3987-85	
240-212801-11	SB-26-2.0	ASTM Leach	Solid	D3987-85	
240-212801-12	SB-26-0	ASTM Leach	Solid	D3987-85	
240-212801-13	SB-26-0.5	ASTM Leach	Solid	D3987-85	
240-212801-14	SB-27-0	ASTM Leach	Solid	D3987-85	
240-212801-15	SB-27-0.5	ASTM Leach	Solid	D3987-85	
240-212801-16	SB-27-2.0	ASTM Leach	Solid	D3987-85	
240-212801-17	SB-28-0	ASTM Leach	Solid	D3987-85	
240-212801-18	DUP-10-20241008	ASTM Leach	Solid	D3987-85	
240-212801-19	SB-28-0.5	ASTM Leach	Solid	D3987-85	
240-212801-14 MS	SB-27-0	ASTM Leach	Solid	D3987-85	
240-212801-14 MSD	SB-27-0	ASTM Leach	Solid	D3987-85	

Leach Batch: 562513

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
240-212801-20	SB-28-2.0	ASTM Leach	Solid	D3987-85	
240-212801-21	SB-29-0	ASTM Leach	Solid	D3987-85	
240-212801-22	SB-29-0.5	ASTM Leach	Solid	D3987-85	
240-212801-23	SB-29-2.0	ASTM Leach	Solid	D3987-85	
240-212801-24	SB-34-0	ASTM Leach	Solid	D3987-85	
240-212801-25	SB-34-0.5	ASTM Leach	Solid	D3987-85	
240-212801-26	SB-34-2.0	ASTM Leach	Solid	D3987-85	
240-212801-30	SB-33-0	ASTM Leach	Solid	D3987-85	
240-212801-31	SB-33-0.5	ASTM Leach	Solid	D3987-85	
240-212801-32	SB-33-2.0	ASTM Leach	Solid	D3987-85	
240-212801-33	DUP-11-20241009	ASTM Leach	Solid	D3987-85	
240-212801-34	SB-32-0	ASTM Leach	Solid	D3987-85	
240-212801-35	SB-32-0.5	ASTM Leach	Solid	D3987-85	
240-212801-36	SB-32-2.0	ASTM Leach	Solid	D3987-85	
240-212801-37	SB-31-0	ASTM Leach	Solid	D3987-85	
240-212801-38	DUP-12-20241009	ASTM Leach	Solid	D3987-85	
240-212801-39	SB-31-0.5	ASTM Leach	Solid	D3987-85	
240-212801-30 MS	SB-33-0	ASTM Leach	Solid	D3987-85	
240-212801-30 MSD	SB-33-0	ASTM Leach	Solid	D3987-85	

Leach Batch: 562515

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
240-212801-40	SB-31-2.0	ASTM Leach	Solid	D3987-85	
240-212801-41	SB-30-0	ASTM Leach	Solid	D3987-85	
240-212801-42	SB-30-0.5	ASTM Leach	Solid	D3987-85	
240-212801-43	DUP-13-20241009	ASTM Leach	Solid	D3987-85	
240-212801-44	SB-30-2.0	ASTM Leach	Solid	D3987-85	

General Chemistry (Continued)

Leach Batch: 562515 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
240-212801-45	SB-36-0	ASTM Leach	Solid	D3987-85	
240-212801-46	SB-36-0.5	ASTM Leach	Solid	D3987-85	
240-212801-47	SB-36-2.0	ASTM Leach	Solid	D3987-85	
240-212801-48	SB-35-0	ASTM Leach	Solid	D3987-85	
240-212801-49	SB-35-0.5	ASTM Leach	Solid	D3987-85	
240-212801-50	SB-35-2.0	ASTM Leach	Solid	D3987-85	
240-212801-41 MS	SB-30-0	ASTM Leach	Solid	D3987-85	
240-212801-41 MSD	SB-30-0	ASTM Leach	Solid	D3987-85	
240-212801-47 MS	SB-36-2.0	ASTM Leach	Solid	D3987-85	
240-212801-47 MSD	SB-36-2.0	ASTM Leach	Solid	D3987-85	

Prep Batch: 563939

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
240-212801-1	SB-23-0	Total/NA	Solid	3060A	
240-212801-3	SB-23-2.0	Total/NA	Solid	3060A	
MB 410-563939/1-A	Method Blank	Total/NA	Solid	3060A	
LCS 410-563939/2-A	Lab Control Sample	Total/NA	Solid	3060A	
LCSI 410-563939/3-A	Lab Control Sample	Total/NA	Solid	3060A	
240-212801-3 MSI	SB-23-2.0	Total/NA	Solid	3060A	
240-212801-3 MSS	SB-23-2.0	Total/NA	Solid	3060A	
240-212801-3 DU	SB-23-2.0	Total/NA	Solid	3060A	

Analysis Batch: 564122

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
240-212801-1	SB-23-0	Total/NA	Solid	7196A	563939
240-212801-3	SB-23-2.0	Total/NA	Solid	7196A	563939
MB 410-563939/1-A	Method Blank	Total/NA	Solid	7196A	563939
LCS 410-563939/2-A	Lab Control Sample	Total/NA	Solid	7196A	563939
LCSI 410-563939/3-A	Lab Control Sample	Total/NA	Solid	7196A	563939
240-212801-3 MSI	SB-23-2.0	Total/NA	Solid	7196A	563939
240-212801-3 MSS	SB-23-2.0	Total/NA	Solid	7196A	563939
240-212801-3 DU	SB-23-2.0	Total/NA	Solid	7196A	563939

Prep Batch: 564579

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
240-212801-2	SB-23-0.5	Total/NA	Solid	3060A	
240-212801-4	DUP-9-2024 1008	Total/NA	Solid	3060A	
240-212801-5	SB-24-0	Total/NA	Solid	3060A	
240-212801-6	SB-24-0.5	Total/NA	Solid	3060A	
240-212801-7	SB-24-2.0	Total/NA	Solid	3060A	
240-212801-8	SB-25-0	Total/NA	Solid	3060A	
240-212801-9	SB-25-0.5	Total/NA	Solid	3060A	
240-212801-10	SB-25-2.0	Total/NA	Solid	3060A	
240-212801-11	SB-26-2.0	Total/NA	Solid	3060A	
240-212801-12	SB-26-0	Total/NA	Solid	3060A	
240-212801-13	SB-26-0.5	Total/NA	Solid	3060A	
240-212801-14	SB-27-0	Total/NA	Solid	3060A	
240-212801-15	SB-27-0.5	Total/NA	Solid	3060A	
240-212801-16	SB-27-2.0	Total/NA	Solid	3060A	
240-212801-17	SB-28-0	Total/NA	Solid	3060A	
240-212801-18	DUP-10-20241008	Total/NA	Solid	3060A	

General Chemistry (Continued)

Prep Batch: 564579 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
240-212801-19	SB-28-0.5	Total/NA	Solid	3060A	
240-212801-20	SB-28-2.0	Total/NA	Solid	3060A	
240-212801-21	SB-29-0	Total/NA	Solid	3060A	
240-212801-22	SB-29-0.5	Total/NA	Solid	3060A	
MB 410-564579/1-A	Method Blank	Total/NA	Solid	3060A	
LCS 410-564579/2-A	Lab Control Sample	Total/NA	Solid	3060A	
LCSI 410-564579/3-A	Lab Control Sample	Total/NA	Solid	3060A	
240-212801-14 MSI	SB-27-0	Total/NA	Solid	3060A	
240-212801-14 MSS	SB-27-0	Total/NA	Solid	3060A	
240-212801-14 DU	SB-27-0	Total/NA	Solid	3060A	

Analysis Batch: 564733

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
240-212801-2	SB-23-0.5	Total/NA	Solid	7196A	564579
240-212801-4	DUP-9-2024 1008	Total/NA	Solid	7196A	564579
240-212801-5	SB-24-0	Total/NA	Solid	7196A	564579
240-212801-6	SB-24-0.5	Total/NA	Solid	7196A	564579
240-212801-7	SB-24-2.0	Total/NA	Solid	7196A	564579
240-212801-8	SB-25-0	Total/NA	Solid	7196A	564579
240-212801-9	SB-25-0.5	Total/NA	Solid	7196A	564579
240-212801-10	SB-25-2.0	Total/NA	Solid	7196A	564579
240-212801-11	SB-26-2.0	Total/NA	Solid	7196A	564579
240-212801-12	SB-26-0	Total/NA	Solid	7196A	564579
240-212801-13	SB-26-0.5	Total/NA	Solid	7196A	564579
240-212801-14	SB-27-0	Total/NA	Solid	7196A	564579
240-212801-15	SB-27-0.5	Total/NA	Solid	7196A	564579
240-212801-16	SB-27-2.0	Total/NA	Solid	7196A	564579
240-212801-17	SB-28-0	Total/NA	Solid	7196A	564579
240-212801-18	DUP-10-20241008	Total/NA	Solid	7196A	564579
240-212801-19	SB-28-0.5	Total/NA	Solid	7196A	564579
240-212801-20	SB-28-2.0	Total/NA	Solid	7196A	564579
240-212801-21	SB-29-0	Total/NA	Solid	7196A	564579
240-212801-22	SB-29-0.5	Total/NA	Solid	7196A	564579
MB 410-564579/1-A	Method Blank	Total/NA	Solid	7196A	564579
LCS 410-564579/2-A	Lab Control Sample	Total/NA	Solid	7196A	564579
LCSI 410-564579/3-A	Lab Control Sample	Total/NA	Solid	7196A	564579
240-212801-14 MSI	SB-27-0	Total/NA	Solid	7196A	564579
240-212801-14 MSS	SB-27-0	Total/NA	Solid	7196A	564579
240-212801-14 DU	SB-27-0	Total/NA	Solid	7196A	564579

Prep Batch: 565255

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
240-212801-23	SB-29-2.0	Total/NA	Solid	3060A	
240-212801-24	SB-34-0	Total/NA	Solid	3060A	
240-212801-25	SB-34-0.5	Total/NA	Solid	3060A	
240-212801-26	SB-34-2.0	Total/NA	Solid	3060A	
240-212801-30	SB-33-0	Total/NA	Solid	3060A	
240-212801-31	SB-33-0.5	Total/NA	Solid	3060A	
240-212801-32	SB-33-2.0	Total/NA	Solid	3060A	
240-212801-33	DUP-11-20241009	Total/NA	Solid	3060A	
240-212801-34	SB-32-0	Total/NA	Solid	3060A	

General Chemistry (Continued)

Prep Batch: 565255 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
240-212801-35	SB-32-0.5	Total/NA	Solid	3060A	
240-212801-36	SB-32-2.0	Total/NA	Solid	3060A	
240-212801-37	SB-31-0	Total/NA	Solid	3060A	
240-212801-38	DUP-12-20241009	Total/NA	Solid	3060A	
240-212801-39	SB-31-0.5	Total/NA	Solid	3060A	
240-212801-40	SB-31-2.0	Total/NA	Solid	3060A	
240-212801-41	SB-30-0	Total/NA	Solid	3060A	
MB 410-565255/1-A	Method Blank	Total/NA	Solid	3060A	
LCS 410-565255/2-A	Lab Control Sample	Total/NA	Solid	3060A	
LCSI 410-565255/3-A	Lab Control Sample	Total/NA	Solid	3060A	
240-212801-30 MSI	SB-33-0	Total/NA	Solid	3060A	
240-212801-30 MSS	SB-33-0	Total/NA	Solid	3060A	
240-212801-41 MSI	SB-30-0	Total/NA	Solid	3060A	
240-212801-41 MSS	SB-30-0	Total/NA	Solid	3060A	
240-212801-30 DU	SB-33-0	Total/NA	Solid	3060A	
240-212801-41 DU	SB-30-0	Total/NA	Solid	3060A	

Prep Batch: 565256

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
240-212801-42	SB-30-0.5	Total/NA	Solid	3060A	
240-212801-43	DUP-13-20241009	Total/NA	Solid	3060A	
240-212801-44	SB-30-2.0	Total/NA	Solid	3060A	
240-212801-45	SB-36-0	Total/NA	Solid	3060A	
240-212801-46	SB-36-0.5	Total/NA	Solid	3060A	
240-212801-47	SB-36-2.0	Total/NA	Solid	3060A	
240-212801-48	SB-35-0	Total/NA	Solid	3060A	
240-212801-49	SB-35-0.5	Total/NA	Solid	3060A	
240-212801-50	SB-35-2.0	Total/NA	Solid	3060A	
MB 410-565256/1-A	Method Blank	Total/NA	Solid	3060A	
LCS 410-565256/2-A	Lab Control Sample	Total/NA	Solid	3060A	
LCSI 410-565256/3-A	Lab Control Sample	Total/NA	Solid	3060A	

Analysis Batch: 565307

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
240-212801-23	SB-29-2.0	Total/NA	Solid	7196A	565255
240-212801-24	SB-34-0	Total/NA	Solid	7196A	565255
240-212801-25	SB-34-0.5	Total/NA	Solid	7196A	565255
240-212801-26	SB-34-2.0	Total/NA	Solid	7196A	565255
240-212801-30	SB-33-0	Total/NA	Solid	7196A	565255
240-212801-31	SB-33-0.5	Total/NA	Solid	7196A	565255
240-212801-32	SB-33-2.0	Total/NA	Solid	7196A	565255
240-212801-33	DUP-11-20241009	Total/NA	Solid	7196A	565255
240-212801-34	SB-32-0	Total/NA	Solid	7196A	565255
240-212801-35	SB-32-0.5	Total/NA	Solid	7196A	565255
240-212801-36	SB-32-2.0	Total/NA	Solid	7196A	565255
240-212801-37	SB-31-0	Total/NA	Solid	7196A	565255
240-212801-38	DUP-12-20241009	Total/NA	Solid	7196A	565255
240-212801-39	SB-31-0.5	Total/NA	Solid	7196A	565255
240-212801-40	SB-31-2.0	Total/NA	Solid	7196A	565255
240-212801-41	SB-30-0	Total/NA	Solid	7196A	565255
MB 410-565255/1-A	Method Blank	Total/NA	Solid	7196A	565255

General Chemistry (Continued)

Analysis Batch: 565307 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
LCS 410-565255/2-A	Lab Control Sample	Total/NA	Solid	7196A	565255
LCSI 410-565255/3-A	Lab Control Sample	Total/NA	Solid	7196A	565255
240-212801-30 MSI	SB-33-0	Total/NA	Solid	7196A	565255
240-212801-30 MSS	SB-33-0	Total/NA	Solid	7196A	565255
240-212801-41 MSI	SB-30-0	Total/NA	Solid	7196A	565255
240-212801-41 MSS	SB-30-0	Total/NA	Solid	7196A	565255
240-212801-30 DU	SB-33-0	Total/NA	Solid	7196A	565255
240-212801-41 DU	SB-30-0	Total/NA	Solid	7196A	565255

Analysis Batch: 565361

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
240-212801-42	SB-30-0.5	Total/NA	Solid	7196A	565256
240-212801-43	DUP-13-20241009	Total/NA	Solid	7196A	565256
240-212801-44	SB-30-2.0	Total/NA	Solid	7196A	565256
240-212801-45	SB-36-0	Total/NA	Solid	7196A	565256
240-212801-46	SB-36-0.5	Total/NA	Solid	7196A	565256
240-212801-47	SB-36-2.0	Total/NA	Solid	7196A	565256
240-212801-48	SB-35-0	Total/NA	Solid	7196A	565256
240-212801-49	SB-35-0.5	Total/NA	Solid	7196A	565256
240-212801-50	SB-35-2.0	Total/NA	Solid	7196A	565256
MB 410-565256/1-A	Method Blank	Total/NA	Solid	7196A	565256
LCS 410-565256/2-A	Lab Control Sample	Total/NA	Solid	7196A	565256
LCSI 410-565256/3-A	Lab Control Sample	Total/NA	Solid	7196A	565256

Analysis Batch: 565424

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
240-212801-1	SB-23-0	ASTM Leach	Solid	OIA-1677	562512
240-212801-2	SB-23-0.5	ASTM Leach	Solid	OIA-1677	562512
240-212801-3	SB-23-2.0	ASTM Leach	Solid	OIA-1677	562512
240-212801-4	DUP-9-2024 1008	ASTM Leach	Solid	OIA-1677	562512
240-212801-5	SB-24-0	ASTM Leach	Solid	OIA-1677	562512
240-212801-6	SB-24-0.5	ASTM Leach	Solid	OIA-1677	562512
240-212801-7	SB-24-2.0	ASTM Leach	Solid	OIA-1677	562512
240-212801-13	SB-26-0.5	ASTM Leach	Solid	OIA-1677	562512
240-212801-14	SB-27-0	ASTM Leach	Solid	OIA-1677	562512
240-212801-15	SB-27-0.5	ASTM Leach	Solid	OIA-1677	562512
240-212801-20	SB-28-2.0	ASTM Leach	Solid	OIA-1677	562513
240-212801-21	SB-29-0	ASTM Leach	Solid	OIA-1677	562513
240-212801-22	SB-29-0.5	ASTM Leach	Solid	OIA-1677	562513
240-212801-23	SB-29-2.0	ASTM Leach	Solid	OIA-1677	562513
240-212801-24	SB-34-0	ASTM Leach	Solid	OIA-1677	562513
MB 410-565424/17	Method Blank	Total/NA	Solid	OIA-1677	
MB 410-565424/33	Method Blank	Total/NA	Solid	OIA-1677	
LCS 410-565424/16	Lab Control Sample	Total/NA	Solid	OIA-1677	
LCS 410-565424/32	Lab Control Sample	Total/NA	Solid	OIA-1677	
240-212801-14 MS	SB-27-0	ASTM Leach	Solid	OIA-1677	562512
240-212801-14 MSD	SB-27-0	ASTM Leach	Solid	OIA-1677	562512

Analysis Batch: 566770

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
240-212801-8	SB-25-0	ASTM Leach	Solid	OIA-1677	562512

General Chemistry (Continued)

Analysis Batch: 566770 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
240-212801-9	SB-25-0.5	ASTM Leach	Solid	OIA-1677	562512
240-212801-10	SB-25-2.0	ASTM Leach	Solid	OIA-1677	562512
240-212801-11	SB-26-2.0	ASTM Leach	Solid	OIA-1677	562512
240-212801-12	SB-26-0	ASTM Leach	Solid	OIA-1677	562512
240-212801-16	SB-27-2.0	ASTM Leach	Solid	OIA-1677	562512
240-212801-17	SB-28-0	ASTM Leach	Solid	OIA-1677	562512
240-212801-18	DUP-10-20241008	ASTM Leach	Solid	OIA-1677	562512
240-212801-19	SB-28-0.5	ASTM Leach	Solid	OIA-1677	562512
240-212801-25	SB-34-0.5	ASTM Leach	Solid	OIA-1677	562513
240-212801-26	SB-34-2.0	ASTM Leach	Solid	OIA-1677	562513
240-212801-30	SB-33-0	ASTM Leach	Solid	OIA-1677	562513
240-212801-31	SB-33-0.5	ASTM Leach	Solid	OIA-1677	562513
240-212801-32	SB-33-2.0	ASTM Leach	Solid	OIA-1677	562513
240-212801-33	DUP-11-20241009	ASTM Leach	Solid	OIA-1677	562513
240-212801-34	SB-32-0	ASTM Leach	Solid	OIA-1677	562513
240-212801-35	SB-32-0.5	ASTM Leach	Solid	OIA-1677	562513
240-212801-36	SB-32-2.0	ASTM Leach	Solid	OIA-1677	562513
240-212801-37	SB-31-0	ASTM Leach	Solid	OIA-1677	562513
240-212801-38	DUP-12-20241009	ASTM Leach	Solid	OIA-1677	562513
240-212801-39	SB-31-0.5	ASTM Leach	Solid	OIA-1677	562513
240-212801-41	SB-30-0	ASTM Leach	Solid	OIA-1677	562515
240-212801-55	EB-2-20241010	Total/NA	Water	OIA-1677	
240-212801-56	RB-2-20241010	Total/NA	Water	OIA-1677	
MB 410-566770/17	Method Blank	Total/NA	Solid	OIA-1677	
MB 410-566770/33	Method Blank	Total/NA	Solid	OIA-1677	
MB 410-566770/51	Method Blank	Total/NA	Solid	OIA-1677	
LCS 410-566770/16	Lab Control Sample	Total/NA	Solid	OIA-1677	
LCS 410-566770/32	Lab Control Sample	Total/NA	Solid	OIA-1677	
LCS 410-566770/50	Lab Control Sample	Total/NA	Solid	OIA-1677	
240-212801-30 MS	SB-33-0	ASTM Leach	Solid	OIA-1677	562513
240-212801-30 MSD	SB-33-0	ASTM Leach	Solid	OIA-1677	562513
240-212801-41 MS	SB-30-0	ASTM Leach	Solid	OIA-1677	562515
240-212801-41 MSD	SB-30-0	ASTM Leach	Solid	OIA-1677	562515

Analysis Batch: 567917

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
240-212801-43	DUP-13-20241009	ASTM Leach	Solid	OIA-1677	562515
240-212801-44	SB-30-2.0	ASTM Leach	Solid	OIA-1677	562515
240-212801-48	SB-35-0	ASTM Leach	Solid	OIA-1677	562515
MB 410-567917/17	Method Blank	Total/NA	Solid	OIA-1677	
MB 410-567917/33	Method Blank	Total/NA	Solid	OIA-1677	
LCS 410-567917/32	Lab Control Sample	Total/NA	Solid	OIA-1677	

Analysis Batch: 568449

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
240-212801-40	SB-31-2.0	ASTM Leach	Solid	OIA-1677	562515
240-212801-42	SB-30-0.5	ASTM Leach	Solid	OIA-1677	562515
240-212801-45	SB-36-0	ASTM Leach	Solid	OIA-1677	562515
240-212801-46	SB-36-0.5	ASTM Leach	Solid	OIA-1677	562515
240-212801-47	SB-36-2.0	ASTM Leach	Solid	OIA-1677	562515
240-212801-49	SB-35-0.5	ASTM Leach	Solid	OIA-1677	562515

General Chemistry (Continued)

Analysis Batch: 568449 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
240-212801-50	SB-35-2.0	ASTM Leach	Solid	OIA-1677	562515
MB 410-568449/49	Method Blank	Total/NA	Solid	OIA-1677	
LCS 410-568449/48	Lab Control Sample	Total/NA	Solid	OIA-1677	
240-212801-47 MS	SB-36-2.0	ASTM Leach	Solid	OIA-1677	562515
240-212801-47 MSD	SB-36-2.0	ASTM Leach	Solid	OIA-1677	562515

Lab Chronicle

Client: August Mack Environmental, Inc.
Project/Site: MSC Canfield

Job ID: 240-212801-2

Client Sample ID: SB-23-0 — **Lab Sample ID: 240-212801-1**
Date Collected: 10/08/24 09:45 — **Matrix: Solid**
Date Received: 10/10/24 15:15

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
ASTM Leach	Leach	D3987-85			562512	UNWS	ELLE	10/13/24 14:30 - 10/14/24 08:18 [1]
ASTM Leach	Analysis	OIA-1677		1	565424	UJE2	ELLE	10/18/24 17:03

Client Sample ID: SB-23-0 — **Lab Sample ID: 240-212801-1**
Date Collected: 10/08/24 09:45 — **Matrix: Solid**
Date Received: 10/10/24 15:15 — **Percent Solids: 58.6**

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	3060A			563939	W2JF	ELLE	10/16/24 12:20
Total/NA	Analysis	7196A		1	564122	UDS7	ELLE	10/16/24 20:28

Client Sample ID: SB-23-0.5 — **Lab Sample ID: 240-212801-2**
Date Collected: 10/08/24 09:55 — **Matrix: Solid**
Date Received: 10/10/24 15:15

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
ASTM Leach	Leach	D3987-85			562512	UNWS	ELLE	10/13/24 14:30 - 10/14/24 08:18 [1]
ASTM Leach	Analysis	OIA-1677		1	565424	UJE2	ELLE	10/18/24 16:58

Client Sample ID: SB-23-0.5 — **Lab Sample ID: 240-212801-2**
Date Collected: 10/08/24 09:55 — **Matrix: Solid**
Date Received: 10/10/24 15:15 — **Percent Solids: 70.2**

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	3060A			564579	B6LN	ELLE	10/17/24 15:18
Total/NA	Analysis	7196A		5	564733	UDS7	ELLE	10/17/24 23:44

Client Sample ID: SB-23-2.0 — **Lab Sample ID: 240-212801-3**
Date Collected: 10/08/24 10:10 — **Matrix: Solid**
Date Received: 10/10/24 15:15

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
ASTM Leach	Leach	D3987-85			562512	UNWS	ELLE	10/13/24 14:30 - 10/14/24 08:18 [1]
ASTM Leach	Analysis	OIA-1677		1	565424	UJE2	ELLE	10/18/24 17:01

Client Sample ID: SB-23-2.0 — **Lab Sample ID: 240-212801-3**
Date Collected: 10/08/24 10:10 — **Matrix: Solid**
Date Received: 10/10/24 15:15 — **Percent Solids: 81.1**

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	3060A			563939	W2JF	ELLE	10/16/24 12:20
Total/NA	Analysis	7196A		1	564122	UDS7	ELLE	10/16/24 20:28

Lab Chronicle

Client: August Mack Environmental, Inc.
Project/Site: MSC Canfield

Job ID: 240-212801-2

Client Sample ID: DUP-9-2024 1008

Lab Sample ID: 240-212801-4

Date Collected: 10/08/24 00:00
Matrix: Solid
Date Received: 10/10/24 15:15

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
ASTM Leach	Leach	D3987-85			562512	UNWS	ELLE	10/13/24 14:30 - 10/14/24 08:18 [1]
ASTM Leach	Analysis	OIA-1677		1	565424	UJE2	ELLE	10/18/24 17:06

Client Sample ID: DUP-9-2024 1008

Lab Sample ID: 240-212801-4

Date Collected: 10/08/24 00:00
Matrix: Solid
Date Received: 10/10/24 15:15
Percent Solids: 64.1

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	3060A			564579	B6LN	ELLE	10/17/24 15:18
Total/NA	Analysis	7196A		5	564733	UDS7	ELLE	10/17/24 23:44

Client Sample ID: SB-24-0

Lab Sample ID: 240-212801-5

Date Collected: 10/08/24 10:25
Matrix: Solid
Date Received: 10/10/24 15:15

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
ASTM Leach	Leach	D3987-85			562512	UNWS	ELLE	10/13/24 14:30 - 10/14/24 08:18 [1]
ASTM Leach	Analysis	OIA-1677		1	565424	UJE2	ELLE	10/18/24 17:08

Client Sample ID: SB-24-0

Lab Sample ID: 240-212801-5

Date Collected: 10/08/24 10:25
Matrix: Solid
Date Received: 10/10/24 15:15
Percent Solids: 62.0

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	3060A			564579	B6LN	ELLE	10/17/24 15:18
Total/NA	Analysis	7196A		10	564733	UDS7	ELLE	10/17/24 23:44

Client Sample ID: SB-24-0.5

Lab Sample ID: 240-212801-6

Date Collected: 10/08/24 10:35
Matrix: Solid
Date Received: 10/10/24 15:15

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
ASTM Leach	Leach	D3987-85			562512	UNWS	ELLE	10/13/24 14:30 - 10/14/24 08:18 [1]
ASTM Leach	Analysis	OIA-1677		1	565424	UJE2	ELLE	10/18/24 17:16

Client Sample ID: SB-24-0.5

Lab Sample ID: 240-212801-6

Date Collected: 10/08/24 10:35
Matrix: Solid
Date Received: 10/10/24 15:15
Percent Solids: 68.6

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	3060A			564579	B6LN	ELLE	10/17/24 15:18
Total/NA	Analysis	7196A		5	564733	UDS7	ELLE	10/17/24 23:44

Lab Chronicle

Client: August Mack Environmental, Inc.
Project/Site: MSC Canfield

Job ID: 240-212801-2

Client Sample ID: SB-24-2.0
Lab Sample ID: 240-212801-7

Date Collected: 10/08/24 10:45
Matrix: Solid
Date Received: 10/10/24 15:15

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
ASTM Leach	Leach	D3987-85			562512	UNWS	ELLE	10/13/24 14:30 - 10/14/24 08:18 [1]
ASTM Leach	Analysis	OIA-1677		1	565424	UJE2	ELLE	10/18/24 17:18

Client Sample ID: SB-24-2.0
Lab Sample ID: 240-212801-7

Date Collected: 10/08/24 10:45
Matrix: Solid
Date Received: 10/10/24 15:15
Percent Solids: 79.0

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	3060A			564579	B6LN	ELLE	10/17/24 15:18
Total/NA	Analysis	7196A		5	564733	UDS7	ELLE	10/17/24 23:44

Client Sample ID: SB-25-0
Lab Sample ID: 240-212801-8

Date Collected: 10/08/24 11:35
Matrix: Solid
Date Received: 10/10/24 15:15

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
ASTM Leach	Leach	D3987-85			562512	UNWS	ELLE	10/13/24 14:30 - 10/14/24 08:18 [1]
ASTM Leach	Analysis	OIA-1677		1	566770	UJE2	ELLE	10/22/24 12:37

Client Sample ID: SB-25-0
Lab Sample ID: 240-212801-8

Date Collected: 10/08/24 11:35
Matrix: Solid
Date Received: 10/10/24 15:15
Percent Solids: 34.0

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	3060A			564579	B6LN	ELLE	10/17/24 15:18
Total/NA	Analysis	7196A		10	564733	UDS7	ELLE	10/17/24 23:44

Client Sample ID: SB-25-0.5
Lab Sample ID: 240-212801-9

Date Collected: 10/08/24 11:45
Matrix: Solid
Date Received: 10/10/24 15:15

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
ASTM Leach	Leach	D3987-85			562512	UNWS	ELLE	10/13/24 14:30 - 10/14/24 08:18 [1]
ASTM Leach	Analysis	OIA-1677		1	566770	UJE2	ELLE	10/22/24 13:22

Client Sample ID: SB-25-0.5
Lab Sample ID: 240-212801-9

Date Collected: 10/08/24 11:45
Matrix: Solid
Date Received: 10/10/24 15:15
Percent Solids: 51.2

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	3060A			564579	B6LN	ELLE	10/17/24 15:18
Total/NA	Analysis	7196A		5	564733	UDS7	ELLE	10/17/24 23:44

Lab Chronicle

Client: August Mack Environmental, Inc.
Project/Site: MSC Canfield

Job ID: 240-212801-2

Client Sample ID: SB-25-2.0 — **Lab Sample ID: 240-212801-10**
Date Collected: 10/08/24 12:00 — **Matrix: Solid**
Date Received: 10/10/24 15:15

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
ASTM Leach	Leach	D3987-85			562512	UNWS	ELLE	10/13/24 14:30 - 10/14/24 08:18 [1]
ASTM Leach	Analysis	OIA-1677		1	566770	UJE2	ELLE	10/22/24 12:42

Client Sample ID: SB-25-2.0 — **Lab Sample ID: 240-212801-10**
Date Collected: 10/08/24 12:00 — **Matrix: Solid**
Date Received: 10/10/24 15:15 — **Percent Solids: 78.4**

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	3060A			564579	B6LN	ELLE	10/17/24 15:18
Total/NA	Analysis	7196A		5	564733	UDS7	ELLE	10/17/24 23:44

Client Sample ID: SB-26-2.0 — **Lab Sample ID: 240-212801-11**
Date Collected: 10/08/24 12:30 — **Matrix: Solid**
Date Received: 10/10/24 15:15

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
ASTM Leach	Leach	D3987-85			562512	UNWS	ELLE	10/13/24 14:30 - 10/14/24 08:18 [1]
ASTM Leach	Analysis	OIA-1677		1	566770	UJE2	ELLE	10/22/24 12:44

Client Sample ID: SB-26-2.0 — **Lab Sample ID: 240-212801-11**
Date Collected: 10/08/24 12:30 — **Matrix: Solid**
Date Received: 10/10/24 15:15 — **Percent Solids: 80.3**

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	3060A			564579	B6LN	ELLE	10/17/24 15:18
Total/NA	Analysis	7196A		5	564733	UDS7	ELLE	10/17/24 23:44

Client Sample ID: SB-26-0 — **Lab Sample ID: 240-212801-12**
Date Collected: 10/08/24 12:05 — **Matrix: Solid**
Date Received: 10/10/24 15:15

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
ASTM Leach	Leach	D3987-85			562512	UNWS	ELLE	10/13/24 14:30 - 10/14/24 08:18 [1]
ASTM Leach	Analysis	OIA-1677		1	566770	UJE2	ELLE	10/22/24 12:59

Client Sample ID: SB-26-0 — **Lab Sample ID: 240-212801-12**
Date Collected: 10/08/24 12:05 — **Matrix: Solid**
Date Received: 10/10/24 15:15 — **Percent Solids: 40.3**

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	3060A			564579	B6LN	ELLE	10/17/24 15:18
Total/NA	Analysis	7196A		10	564733	UDS7	ELLE	10/17/24 23:44

Lab Chronicle

Client: August Mack Environmental, Inc.
Project/Site: MSC Canfield

Job ID: 240-212801-2

Client Sample ID: SB-26-0.5 — **Lab Sample ID: 240-212801-13**
Date Collected: 10/08/24 12:15 — **Matrix: Solid**
Date Received: 10/10/24 15:15

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
ASTM Leach	Leach	D3987-85			562512	UNWS	ELLE	10/13/24 14:30 - 10/14/24 08:18 [1]
ASTM Leach	Analysis	OIA-1677		1	565424	UJE2	ELLE	10/18/24 17:21

Client Sample ID: SB-26-0.5 — **Lab Sample ID: 240-212801-13**
Date Collected: 10/08/24 12:15 — **Matrix: Solid**
Date Received: 10/10/24 15:15 — **Percent Solids: 67.6**

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	3060A			564579	B6LN	ELLE	10/17/24 15:18
Total/NA	Analysis	7196A		10	564733	UDS7	ELLE	10/17/24 23:44

Client Sample ID: SB-27-0 — **Lab Sample ID: 240-212801-14**
Date Collected: 10/08/24 12:50 — **Matrix: Solid**
Date Received: 10/10/24 15:15

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
ASTM Leach	Leach	D3987-85			562512	UNWS	ELLE	10/13/24 14:30 - 10/14/24 08:18 [1]
ASTM Leach	Analysis	OIA-1677		1	565424	UJE2	ELLE	10/18/24 16:51

Client Sample ID: SB-27-0 — **Lab Sample ID: 240-212801-14**
Date Collected: 10/08/24 12:50 — **Matrix: Solid**
Date Received: 10/10/24 15:15 — **Percent Solids: 62.3**

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	3060A			564579	B6LN	ELLE	10/17/24 15:18
Total/NA	Analysis	7196A		50	564733	UDS7	ELLE	10/17/24 23:44

Client Sample ID: SB-27-0.5 — **Lab Sample ID: 240-212801-15**
Date Collected: 10/08/24 13:05 — **Matrix: Solid**
Date Received: 10/10/24 15:15

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
ASTM Leach	Leach	D3987-85			562512	UNWS	ELLE	10/13/24 14:30 - 10/14/24 08:18 [1]
ASTM Leach	Analysis	OIA-1677		1	565424	UJE2	ELLE	10/18/24 17:23

Client Sample ID: SB-27-0.5 — **Lab Sample ID: 240-212801-15**
Date Collected: 10/08/24 13:05 — **Matrix: Solid**
Date Received: 10/10/24 15:15 — **Percent Solids: 64.2**

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	3060A			564579	B6LN	ELLE	10/17/24 15:18
Total/NA	Analysis	7196A		1	564733	UDS7	ELLE	10/17/24 23:44

Lab Chronicle

Client: August Mack Environmental, Inc.
Project/Site: MSC Canfield

Job ID: 240-212801-2

Client Sample ID: SB-27-2.0
Lab Sample ID: 240-212801-16
Date Collected: 10/08/24 13:15
Matrix: Solid
Date Received: 10/10/24 15:15

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
ASTM Leach	Leach	D3987-85			562512	UNWS	ELLE	10/13/24 14:30 - 10/14/24 08:18 [1]
ASTM Leach	Analysis	OIA-1677		1	566770	UJE2	ELLE	10/22/24 13:50

Client Sample ID: SB-27-2.0
Lab Sample ID: 240-212801-16
Date Collected: 10/08/24 13:15
Matrix: Solid
Date Received: 10/10/24 15:15
Percent Solids: 77.1

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	3060A			564579	B6LN	ELLE	10/17/24 15:18
Total/NA	Analysis	7196A		1	564733	UDS7	ELLE	10/17/24 23:44

Client Sample ID: SB-28-0
Lab Sample ID: 240-212801-17
Date Collected: 10/08/24 14:05
Matrix: Solid
Date Received: 10/10/24 15:15

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
ASTM Leach	Leach	D3987-85			562512	UNWS	ELLE	10/13/24 14:30 - 10/14/24 08:18 [1]
ASTM Leach	Analysis	OIA-1677		1	566770	UJE2	ELLE	10/22/24 13:52

Client Sample ID: SB-28-0
Lab Sample ID: 240-212801-17
Date Collected: 10/08/24 14:05
Matrix: Solid
Date Received: 10/10/24 15:15
Percent Solids: 37.4

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	3060A			564579	B6LN	ELLE	10/17/24 15:18
Total/NA	Analysis	7196A		10	564733	UDS7	ELLE	10/17/24 23:44

Client Sample ID: DUP-10-20241008
Lab Sample ID: 240-212801-18
Date Collected: 10/08/24 00:00
Matrix: Solid
Date Received: 10/10/24 15:15

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
ASTM Leach	Leach	D3987-85			562512	UNWS	ELLE	10/13/24 14:30 - 10/14/24 08:18 [1]
ASTM Leach	Analysis	OIA-1677		1	566770	UJE2	ELLE	10/22/24 13:14

Client Sample ID: DUP-10-20241008
Lab Sample ID: 240-212801-18
Date Collected: 10/08/24 00:00
Matrix: Solid
Date Received: 10/10/24 15:15
Percent Solids: 68.6

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	3060A			564579	B6LN	ELLE	10/17/24 15:18
Total/NA	Analysis	7196A		5	564733	UDS7	ELLE	10/17/24 23:44

Lab Chronicle

Client: August Mack Environmental, Inc.
Project/Site: MSC Canfield

Job ID: 240-212801-2

Client Sample ID: SB-28-0.5
Lab Sample ID: 240-212801-19

Date Collected: 10/08/24 14:15
Matrix: Solid
Date Received: 10/10/24 15:15

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
ASTM Leach	Leach	D3987-85			562512	UNWS	ELLE	10/13/24 14:30 - 10/14/24 08:18 [1]
ASTM Leach	Analysis	OIA-1677		1	566770	UJE2	ELLE	10/22/24 13:09

Client Sample ID: SB-28-0.5
Lab Sample ID: 240-212801-19

Date Collected: 10/08/24 14:15
Matrix: Solid
Date Received: 10/10/24 15:15
Percent Solids: 71.0

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	3060A			564579	B6LN	ELLE	10/17/24 15:18
Total/NA	Analysis	7196A		10	564733	UDS7	ELLE	10/17/24 23:44

Client Sample ID: SB-28-2.0
Lab Sample ID: 240-212801-20

Date Collected: 10/08/24 14:30
Matrix: Solid
Date Received: 10/10/24 15:15

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
ASTM Leach	Leach	D3987-85			562513	UNWS	ELLE	10/13/24 14:30 - 10/14/24 08:18 [1]
ASTM Leach	Analysis	OIA-1677		1	565424	UJE2	ELLE	10/18/24 18:03

Client Sample ID: SB-28-2.0
Lab Sample ID: 240-212801-20

Date Collected: 10/08/24 14:30
Matrix: Solid
Date Received: 10/10/24 15:15
Percent Solids: 78.9

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	3060A			564579	B6LN	ELLE	10/17/24 15:18
Total/NA	Analysis	7196A		1	564733	UDS7	ELLE	10/17/24 23:44

Client Sample ID: SB-29-0
Lab Sample ID: 240-212801-21

Date Collected: 10/08/24 14:55
Matrix: Solid
Date Received: 10/10/24 15:15

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
ASTM Leach	Leach	D3987-85			562513	UNWS	ELLE	10/13/24 14:30 - 10/14/24 08:18 [1]
ASTM Leach	Analysis	OIA-1677		1	565424	UJE2	ELLE	10/18/24 18:01

Client Sample ID: SB-29-0
Lab Sample ID: 240-212801-21

Date Collected: 10/08/24 14:55
Matrix: Solid
Date Received: 10/10/24 15:15
Percent Solids: 43.4

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	3060A			564579	B6LN	ELLE	10/17/24 15:18
Total/NA	Analysis	7196A		5	564733	UDS7	ELLE	10/17/24 23:44

Lab Chronicle

Client: August Mack Environmental, Inc.
Project/Site: MSC Canfield

Job ID: 240-212801-2

Client Sample ID: SB-29-0.5
Lab Sample ID: 240-212801-22
Date Collected: 10/08/24 15:10
Matrix: Solid
Date Received: 10/10/24 15:15

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
ASTM Leach	Leach	D3987-85			562513	UNWS	ELLE	10/13/24 14:30 - 10/14/24 08:18 [1]
ASTM Leach	Analysis	OIA-1677		1	565424	UJE2	ELLE	10/18/24 17:58

Client Sample ID: SB-29-0.5
Lab Sample ID: 240-212801-22
Date Collected: 10/08/24 15:10
Matrix: Solid
Date Received: 10/10/24 15:15
Percent Solids: 51.8

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	3060A			564579	B6LN	ELLE	10/17/24 15:21
Total/NA	Analysis	7196A		5	564733	UDS7	ELLE	10/17/24 23:44

Client Sample ID: SB-29-2.0
Lab Sample ID: 240-212801-23
Date Collected: 10/08/24 15:20
Matrix: Solid
Date Received: 10/10/24 15:15

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
ASTM Leach	Leach	D3987-85			562513	UNWS	ELLE	10/13/24 14:30 - 10/14/24 08:18 [1]
ASTM Leach	Analysis	OIA-1677		1	565424	UJE2	ELLE	10/18/24 17:53

Client Sample ID: SB-29-2.0
Lab Sample ID: 240-212801-23
Date Collected: 10/08/24 15:20
Matrix: Solid
Date Received: 10/10/24 15:15
Percent Solids: 75.5

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	3060A			565255	UDS7	ELLE	10/19/24 01:59
Total/NA	Analysis	7196A		10	565307	UDS7	ELLE	10/19/24 10:25

Client Sample ID: SB-34-0
Lab Sample ID: 240-212801-24
Date Collected: 10/08/24 15:45
Matrix: Solid
Date Received: 10/10/24 15:15

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
ASTM Leach	Leach	D3987-85			562513	UNWS	ELLE	10/13/24 14:30 - 10/14/24 08:18 [1]
ASTM Leach	Analysis	OIA-1677		1	565424	UJE2	ELLE	10/18/24 17:56

Client Sample ID: SB-34-0
Lab Sample ID: 240-212801-24
Date Collected: 10/08/24 15:45
Matrix: Solid
Date Received: 10/10/24 15:15
Percent Solids: 67.8

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	3060A			565255	UDS7	ELLE	10/19/24 01:59
Total/NA	Analysis	7196A		5	565307	UDS7	ELLE	10/19/24 10:25

Lab Chronicle

Client: August Mack Environmental, Inc.
Project/Site: MSC Canfield

Job ID: 240-212801-2

Client Sample ID: SB-34-0.5
Lab Sample ID: 240-212801-25

Date Collected: 10/08/24 15:50
Matrix: Solid
Date Received: 10/10/24 15:15

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
ASTM Leach	Leach	D3987-85			562513	UNWS	ELLE	10/13/24 14:30 - 10/14/24 08:18 [1]
ASTM Leach	Analysis	OIA-1677		1	566770	UJE2	ELLE	10/22/24 13:07

Client Sample ID: SB-34-0.5
Lab Sample ID: 240-212801-25

Date Collected: 10/08/24 15:50
Matrix: Solid
Date Received: 10/10/24 15:15
Percent Solids: 81.4

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	3060A			565255	UDS7	ELLE	10/19/24 01:59
Total/NA	Analysis	7196A		1	565307	UDS7	ELLE	10/19/24 10:25

Client Sample ID: SB-34-2.0
Lab Sample ID: 240-212801-26

Date Collected: 10/08/24 16:00
Matrix: Solid
Date Received: 10/10/24 15:15

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
ASTM Leach	Leach	D3987-85			562513	UNWS	ELLE	10/13/24 14:30 - 10/14/24 08:18 [1]
ASTM Leach	Analysis	OIA-1677		1	566770	UJE2	ELLE	10/22/24 13:19

Client Sample ID: SB-34-2.0
Lab Sample ID: 240-212801-26

Date Collected: 10/08/24 16:00
Matrix: Solid
Date Received: 10/10/24 15:15
Percent Solids: 85.1

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	3060A			565255	UDS7	ELLE	10/19/24 01:59
Total/NA	Analysis	7196A		1	565307	UDS7	ELLE	10/19/24 10:25

Client Sample ID: SB-33-0
Lab Sample ID: 240-212801-30

Date Collected: 10/09/24 09:10
Matrix: Solid
Date Received: 10/10/24 15:15

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
ASTM Leach	Leach	D3987-85			562513	UNWS	ELLE	10/13/24 14:30 - 10/14/24 08:18 [1]
ASTM Leach	Analysis	OIA-1677		1	566770	UJE2	ELLE	10/22/24 12:12

Client Sample ID: SB-33-0
Lab Sample ID: 240-212801-30

Date Collected: 10/09/24 09:10
Matrix: Solid
Date Received: 10/10/24 15:15
Percent Solids: 69.2

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	3060A			565255	UDS7	ELLE	10/19/24 01:59
Total/NA	Analysis	7196A		20	565307	UDS7	ELLE	10/19/24 10:25

Lab Chronicle

Client: August Mack Environmental, Inc.
Project/Site: MSC Canfield

Job ID: 240-212801-2

Client Sample ID: SB-33-0.5
Lab Sample ID: 240-212801-31

Date Collected: 10/09/24 09:20
Matrix: Solid
Date Received: 10/10/24 15:15

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
ASTM Leach	Leach	D3987-85			562513	UNWS	ELLE	10/13/24 14:30 - 10/14/24 08:18 [1]
ASTM Leach	Analysis	OIA-1677		1	566770	UJE2	ELLE	10/22/24 13:45

Client Sample ID: SB-33-0.5
Lab Sample ID: 240-212801-31

Date Collected: 10/09/24 09:20
Matrix: Solid
Date Received: 10/10/24 15:15
Percent Solids: 83.6

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	3060A			565255	UDS7	ELLE	10/19/24 01:59
Total/NA	Analysis	7196A		1	565307	UDS7	ELLE	10/19/24 10:25

Client Sample ID: SB-33-2.0
Lab Sample ID: 240-212801-32

Date Collected: 10/09/24 09:30
Matrix: Solid
Date Received: 10/10/24 15:15

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
ASTM Leach	Leach	D3987-85			562513	UNWS	ELLE	10/13/24 14:30 - 10/14/24 08:18 [1]
ASTM Leach	Analysis	OIA-1677		1	566770	UJE2	ELLE	10/22/24 12:39

Client Sample ID: SB-33-2.0
Lab Sample ID: 240-212801-32

Date Collected: 10/09/24 09:30
Matrix: Solid
Date Received: 10/10/24 15:15
Percent Solids: 82.8

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	3060A			565255	UDS7	ELLE	10/19/24 01:59
Total/NA	Analysis	7196A		1	565307	UDS7	ELLE	10/19/24 10:25

Client Sample ID: DUP-11-20241009
Lab Sample ID: 240-212801-33

Date Collected: 10/09/24 00:00
Matrix: Solid
Date Received: 10/10/24 15:15

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
ASTM Leach	Leach	D3987-85			562513	UNWS	ELLE	10/13/24 14:30 - 10/14/24 08:18 [1]
ASTM Leach	Analysis	OIA-1677		1	566770	UJE2	ELLE	10/22/24 13:17

Client Sample ID: DUP-11-20241009
Lab Sample ID: 240-212801-33

Date Collected: 10/09/24 00:00
Matrix: Solid
Date Received: 10/10/24 15:15
Percent Solids: 63.0

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	3060A			565255	UDS7	ELLE	10/19/24 01:59
Total/NA	Analysis	7196A		10	565307	UDS7	ELLE	10/19/24 10:25

Lab Chronicle

Client: August Mack Environmental, Inc.
Project/Site: MSC Canfield

Job ID: 240-212801-2

Client Sample ID: SB-32-0
Date Collected: 10/09/24 09:50
Date Received: 10/10/24 15:15

Lab Sample ID: 240-212801-34
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
ASTM Leach	Leach	D3987-85			562513	UNWS	ELLE	10/13/24 14:30 - 10/14/24 08:18 [1]
ASTM Leach	Analysis	OIA-1677		1	566770	UJE2	ELLE	10/22/24 14:07

Client Sample ID: SB-32-0
Date Collected: 10/09/24 09:50
Date Received: 10/10/24 15:15

Lab Sample ID: 240-212801-34
Matrix: Solid
Percent Solids: 63.4

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	3060A			565255	UDS7	ELLE	10/19/24 01:59
Total/NA	Analysis	7196A		10	565307	UDS7	ELLE	10/19/24 10:25

Client Sample ID: SB-32-0.5
Date Collected: 10/09/24 10:00
Date Received: 10/10/24 15:15

Lab Sample ID: 240-212801-35
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
ASTM Leach	Leach	D3987-85			562513	UNWS	ELLE	10/13/24 14:30 - 10/14/24 08:18 [1]
ASTM Leach	Analysis	OIA-1677		1	566770	UJE2	ELLE	10/22/24 14:02

Client Sample ID: SB-32-0.5
Date Collected: 10/09/24 10:00
Date Received: 10/10/24 15:15

Lab Sample ID: 240-212801-35
Matrix: Solid
Percent Solids: 64.5

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	3060A			565255	UDS7	ELLE	10/19/24 01:59
Total/NA	Analysis	7196A		10	565307	UDS7	ELLE	10/19/24 10:25

Client Sample ID: SB-32-2.0
Date Collected: 10/09/24 10:15
Date Received: 10/10/24 15:15

Lab Sample ID: 240-212801-36
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
ASTM Leach	Leach	D3987-85			562513	UNWS	ELLE	10/13/24 14:30 - 10/14/24 08:18 [1]
ASTM Leach	Analysis	OIA-1677		1	566770	UJE2	ELLE	10/22/24 13:24

Client Sample ID: SB-32-2.0
Date Collected: 10/09/24 10:15
Date Received: 10/10/24 15:15

Lab Sample ID: 240-212801-36
Matrix: Solid
Percent Solids: 68.9

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	3060A			565255	UDS7	ELLE	10/19/24 01:59
Total/NA	Analysis	7196A		10	565307	UDS7	ELLE	10/19/24 10:25

Lab Chronicle

Client: August Mack Environmental, Inc.
Project/Site: MSC Canfield

Job ID: 240-212801-2

Client Sample ID: SB-31-0
Lab Sample ID: 240-212801-37

Date Collected: 10/09/24 10:55
Matrix: Solid
Date Received: 10/10/24 15:15

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
ASTM Leach	Leach	D3987-85			562513	UNWS	ELLE	10/13/24 14:30 - 10/14/24 08:18 [1]
ASTM Leach	Analysis	OIA-1677		1	566770	UJE2	ELLE	10/22/24 13:47

Client Sample ID: SB-31-0
Lab Sample ID: 240-212801-37

Date Collected: 10/09/24 10:55
Matrix: Solid
Date Received: 10/10/24 15:15
Percent Solids: 50.3

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	3060A			565255	UDS7	ELLE	10/19/24 01:59
Total/NA	Analysis	7196A		10	565307	UDS7	ELLE	10/19/24 10:25

Client Sample ID: DUP-12-20241009
Lab Sample ID: 240-212801-38

Date Collected: 10/09/24 00:00
Matrix: Solid
Date Received: 10/10/24 15:15

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
ASTM Leach	Leach	D3987-85			562513	UNWS	ELLE	10/13/24 14:30 - 10/14/24 08:18 [1]
ASTM Leach	Analysis	OIA-1677		1	566770	UJE2	ELLE	10/22/24 13:12

Client Sample ID: DUP-12-20241009
Lab Sample ID: 240-212801-38

Date Collected: 10/09/24 00:00
Matrix: Solid
Date Received: 10/10/24 15:15
Percent Solids: 52.1

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	3060A			565255	UDS7	ELLE	10/19/24 01:59
Total/NA	Analysis	7196A		10	565307	UDS7	ELLE	10/19/24 10:25

Client Sample ID: SB-31-0.5
Lab Sample ID: 240-212801-39

Date Collected: 10/09/24 11:05
Matrix: Solid
Date Received: 10/10/24 15:15

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
ASTM Leach	Leach	D3987-85			562513	UNWS	ELLE	10/13/24 14:30 - 10/14/24 08:18 [1]
ASTM Leach	Analysis	OIA-1677		1	566770	UJE2	ELLE	10/22/24 14:05

Client Sample ID: SB-31-0.5
Lab Sample ID: 240-212801-39

Date Collected: 10/09/24 11:05
Matrix: Solid
Date Received: 10/10/24 15:15
Percent Solids: 67.6

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	3060A			565255	UDS7	ELLE	10/19/24 01:59
Total/NA	Analysis	7196A		10	565307	UDS7	ELLE	10/19/24 10:25

Lab Chronicle

Client: August Mack Environmental, Inc.
Project/Site: MSC Canfield

Job ID: 240-212801-2

Client Sample ID: SB-31-2.0
Lab Sample ID: 240-212801-40

Date Collected: 10/09/24 11:15
Matrix: Solid
Date Received: 10/10/24 15:15

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
ASTM Leach	Leach	D3987-85			562515	UNWS	ELLE	10/13/24 14:30 - 10/14/24 08:18 [1]
ASTM Leach	Analysis	OIA-1677		1	568449	UJE2	ELLE	10/25/24 19:30

Client Sample ID: SB-31-2.0
Lab Sample ID: 240-212801-40

Date Collected: 10/09/24 11:15
Matrix: Solid
Date Received: 10/10/24 15:15
Percent Solids: 54.7

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	3060A			565255	UDS7	ELLE	10/19/24 01:59
Total/NA	Analysis	7196A		10	565307	UDS7	ELLE	10/19/24 10:25

Client Sample ID: SB-30-0
Lab Sample ID: 240-212801-41

Date Collected: 10/09/24 12:30
Matrix: Solid
Date Received: 10/10/24 15:15

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
ASTM Leach	Leach	D3987-85			562515	UNWS	ELLE	10/13/24 14:30 - 10/14/24 08:18 [1]
ASTM Leach	Analysis	OIA-1677		1	566770	UJE2	ELLE	10/22/24 12:52

Client Sample ID: SB-30-0
Lab Sample ID: 240-212801-41

Date Collected: 10/09/24 12:30
Matrix: Solid
Date Received: 10/10/24 15:15
Percent Solids: 47.4

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	3060A			565255	UDS7	ELLE	10/19/24 01:59
Total/NA	Analysis	7196A		10	565307	UDS7	ELLE	10/19/24 10:25

Client Sample ID: SB-30-0.5
Lab Sample ID: 240-212801-42

Date Collected: 10/09/24 12:45
Matrix: Solid
Date Received: 10/10/24 15:15

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
ASTM Leach	Leach	D3987-85			562515	UNWS	ELLE	10/13/24 14:30 - 10/14/24 08:18 [1]
ASTM Leach	Analysis	OIA-1677		1	568449	UJE2	ELLE	10/25/24 19:28

Client Sample ID: SB-30-0.5
Lab Sample ID: 240-212801-42

Date Collected: 10/09/24 12:45
Matrix: Solid
Date Received: 10/10/24 15:15
Percent Solids: 70.3

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	3060A			565256	UDS7	ELLE	10/19/24 03:11
Total/NA	Analysis	7196A		10	565361	UDS7	ELLE	10/20/24 08:15

Lab Chronicle

Client: August Mack Environmental, Inc.
Project/Site: MSC Canfield

Job ID: 240-212801-2

Client Sample ID: DUP-13-20241009
Lab Sample ID: 240-212801-43

Date Collected: 10/09/24 00:00
Matrix: Solid
Date Received: 10/10/24 15:15

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
ASTM Leach	Leach	D3987-85			562515	UNWS	ELLE	10/13/24 14:30 - 10/14/24 08:18 [1]
ASTM Leach	Analysis	OIA-1677		1	567917	UJE2	ELLE	10/24/24 16:38

Client Sample ID: DUP-13-20241009
Lab Sample ID: 240-212801-43

Date Collected: 10/09/24 00:00
Matrix: Solid
Date Received: 10/10/24 15:15
Percent Solids: 75.8

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	3060A			565256	UDS7	ELLE	10/19/24 03:11
Total/NA	Analysis	7196A		1	565361	UDS7	ELLE	10/20/24 08:15

Client Sample ID: SB-30-2.0
Lab Sample ID: 240-212801-44

Date Collected: 10/09/24 13:05
Matrix: Solid
Date Received: 10/10/24 15:15

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
ASTM Leach	Leach	D3987-85			562515	UNWS	ELLE	10/13/24 14:30 - 10/14/24 08:18 [1]
ASTM Leach	Analysis	OIA-1677		1	567917	UJE2	ELLE	10/24/24 16:40

Client Sample ID: SB-30-2.0
Lab Sample ID: 240-212801-44

Date Collected: 10/09/24 13:05
Matrix: Solid
Date Received: 10/10/24 15:15
Percent Solids: 77.9

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	3060A			565256	UDS7	ELLE	10/19/24 03:11
Total/NA	Analysis	7196A		1	565361	UDS7	ELLE	10/20/24 08:15

Client Sample ID: SB-36-0
Lab Sample ID: 240-212801-45

Date Collected: 10/09/24 13:45
Matrix: Solid
Date Received: 10/10/24 15:15

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
ASTM Leach	Leach	D3987-85			562515	UNWS	ELLE	10/13/24 14:30 - 10/14/24 08:18 [1]
ASTM Leach	Analysis	OIA-1677		1	568449	UJE2	ELLE	10/25/24 19:33

Client Sample ID: SB-36-0
Lab Sample ID: 240-212801-45

Date Collected: 10/09/24 13:45
Matrix: Solid
Date Received: 10/10/24 15:15
Percent Solids: 61.6

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	3060A			565256	UDS7	ELLE	10/19/24 03:11
Total/NA	Analysis	7196A		10	565361	UDS7	ELLE	10/20/24 08:15

Lab Chronicle

Client: August Mack Environmental, Inc.
Project/Site: MSC Canfield

Job ID: 240-212801-2

Client Sample ID: SB-36-0.5
Lab Sample ID: 240-212801-46

Date Collected: 10/09/24 13:55
Matrix: Solid
Date Received: 10/10/24 15:15

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
ASTM Leach	Leach	D3987-85			562515	UNWS	ELLE	10/13/24 14:30 - 10/14/24 08:18 [1]
ASTM Leach	Analysis	OIA-1677		1	568449	UJE2	ELLE	10/25/24 19:38

Client Sample ID: SB-36-0.5
Lab Sample ID: 240-212801-46

Date Collected: 10/09/24 13:55
Matrix: Solid
Date Received: 10/10/24 15:15
Percent Solids: 68.1

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	3060A			565256	UDS7	ELLE	10/19/24 03:11
Total/NA	Analysis	7196A		10	565361	UDS7	ELLE	10/20/24 08:15

Client Sample ID: SB-36-2.0
Lab Sample ID: 240-212801-47

Date Collected: 10/09/24 14:05
Matrix: Solid
Date Received: 10/10/24 15:15

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
ASTM Leach	Leach	D3987-85			562515	UNWS	ELLE	10/13/24 14:30 - 10/14/24 08:18 [1]
ASTM Leach	Analysis	OIA-1677		1	568449	UJE2	ELLE	10/25/24 19:20

Client Sample ID: SB-36-2.0
Lab Sample ID: 240-212801-47

Date Collected: 10/09/24 14:05
Matrix: Solid
Date Received: 10/10/24 15:15
Percent Solids: 76.7

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	3060A			565256	UDS7	ELLE	10/19/24 03:11
Total/NA	Analysis	7196A		1	565361	UDS7	ELLE	10/20/24 08:15

Client Sample ID: SB-35-0
Lab Sample ID: 240-212801-48

Date Collected: 10/09/24 14:30
Matrix: Solid
Date Received: 10/10/24 15:15

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
ASTM Leach	Leach	D3987-85			562515	UNWS	ELLE	10/13/24 14:30 - 10/14/24 08:18 [1]
ASTM Leach	Analysis	OIA-1677		1	567917	UJE2	ELLE	10/24/24 16:35

Client Sample ID: SB-35-0
Lab Sample ID: 240-212801-48

Date Collected: 10/09/24 14:30
Matrix: Solid
Date Received: 10/10/24 15:15
Percent Solids: 46.0

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	3060A			565256	UDS7	ELLE	10/19/24 03:11
Total/NA	Analysis	7196A		20	565361	UDS7	ELLE	10/20/24 08:15

Lab Chronicle

Client: August Mack Environmental, Inc.
Project/Site: MSC Canfield

Job ID: 240-212801-2

Client Sample ID: SB-35-0.5
Lab Sample ID: 240-212801-49
Date Collected: 10/09/24 14:35
Matrix: Solid
Date Received: 10/10/24 15:15

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
ASTM Leach	Leach	D3987-85			562515	UNWS	ELLE	10/13/24 14:30 - 10/14/24 08:18 [1]
ASTM Leach	Analysis	OIA-1677		1	568449	UJE2	ELLE	10/25/24 19:35

Client Sample ID: SB-35-0.5
Lab Sample ID: 240-212801-49
Date Collected: 10/09/24 14:35
Matrix: Solid
Date Received: 10/10/24 15:15
Percent Solids: 48.3

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	3060A			565256	UDS7	ELLE	10/19/24 03:11
Total/NA	Analysis	7196A		1	565361	UDS7	ELLE	10/20/24 08:15

Client Sample ID: SB-35-2.0
Lab Sample ID: 240-212801-50
Date Collected: 10/09/24 14:45
Matrix: Solid
Date Received: 10/10/24 15:15

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
ASTM Leach	Leach	D3987-85			562515	UNWS	ELLE	10/13/24 14:30 - 10/14/24 08:18 [1]
ASTM Leach	Analysis	OIA-1677		1	568449	UJE2	ELLE	10/25/24 19:40

Client Sample ID: SB-35-2.0
Lab Sample ID: 240-212801-50
Date Collected: 10/09/24 14:45
Matrix: Solid
Date Received: 10/10/24 15:15
Percent Solids: 60.0

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	3060A			565256	UDS7	ELLE	10/19/24 03:11
Total/NA	Analysis	7196A		10	565361	UDS7	ELLE	10/20/24 08:15

Client Sample ID: EB-2-20241010
Lab Sample ID: 240-212801-55
Date Collected: 10/10/24 12:25
Matrix: Water
Date Received: 10/10/24 15:15

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	OIA-1677		1	566770	UJE2	ELLE	10/22/24 12:19

Client Sample ID: RB-2-20241010
Lab Sample ID: 240-212801-56
Date Collected: 10/10/24 11:48
Matrix: Water
Date Received: 10/10/24 15:15

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	OIA-1677		1	566770	UJE2	ELLE	10/22/24 12:22

[1] This procedure uses a method stipulated length of time for the process. Both start and end times are displayed.

Laboratory References:

ELLE = Eurofins Lancaster Laboratories Environment Testing, LLC, 2425 New Holland Pike, Lancaster, PA 17601, TEL (717)656-2300

Accreditation/Certification Summary

Client: August Mack Environmental, Inc.
Project/Site: MSC Canfield

Job ID: 240-212801-2

Laboratory: Eurofins Lancaster Laboratories Environment Testing, LLC

All accreditations/certifications held by this laboratory are listed. Not all accreditations/certifications are applicable to this report.

Authority	Program	Identification Number	Expiration Date
A2LA	Dept. of Defense ELAP	0001.01	11-30-24
A2LA	ISO/IEC 17025	0001.01	11-30-24
Alabama	State	43200	01-31-25
Alaska	State	PA00009	06-30-25
Alaska (UST)	State	17-027	02-28-25
Arizona	State	AZ0780	03-12-25
Arkansas DEQ	State	88-00660	08-09-25
California	State	2792	11-30-24
Colorado	State	PA00009	06-30-25
Connecticut	State	PH-0746	06-30-25
DE Haz. Subst. Cleanup Act (HSCA)	State	019-006 (PA cert)	01-31-25
Delaware (DW)	State	N/A	01-31-25
Florida	NELAP	E87997	06-30-25
Georgia (DW)	State	C048	01-31-25
Hawaii	State	N/A	01-31-25
Illinois	NELAP	200027	01-31-25
Iowa	State	361	03-01-26
Kansas	NELAP	E-10151	10-31-24
Kentucky (DW)	State	KY90088	12-31-24
Kentucky (UST)	State	0001.01	11-30-24
Kentucky (WW)	State	KY90088	12-31-24
Louisiana (All)	NELAP	02055	06-30-25
Maine	State	2019012	03-12-25
Maryland	State	100	06-30-25
Massachusetts	State	M-PA009	06-30-25
Michigan	State	9930	01-31-25
Minnesota	NELAP	042-999-487	12-31-24
Mississippi	State	023	01-31-25
Missouri	State	450	01-31-25
Montana (DW)	State	0098	01-01-25
Nebraska	State	NE-OS-32-17	01-31-25
New Hampshire	NELAP	2730	01-10-25
New Jersey	NELAP	PA011	06-30-25
New York	NELAP	10670	04-01-25
North Carolina (DW)	State	42705	07-31-25
North Carolina (WW/SW)	State	521	12-31-25
North Dakota	State	R-205	01-31-24 *
Oklahoma	NELAP	9804	08-31-24 *
Oregon	NELAP	PA200001	09-11-25
Pennsylvania	NELAP	36-00037	01-31-25
Quebec Ministry of Environment and Fight against Climate Change	PALA	507	09-16-29
Rhode Island	State	LAO00338	12-30-24
South Carolina	State	89002	01-31-25
Tennessee	State	02838	01-31-25
Texas	NELAP	T104704194-23-46	08-31-25
USDA	US Federal Programs	525-22-298-19481	10-25-25
Vermont	State	VT - 36037	10-27-24
Virginia	NELAP	460182	06-14-25
Washington	State	C457	04-11-25

* Accreditation/Certification renewal pending - accreditation/certification considered valid.

Accreditation/Certification Summary

Client: August Mack Environmental, Inc. Job ID: 240-212801-2
Project/Site: MSC Canfield

Laboratory: Eurofins Lancaster Laboratories Environment Testing, LLC (Continued)

All accreditations/certifications held by this laboratory are listed. Not all accreditations/certifications are applicable to this report.

Authority	Program	Identification Number	Expiration Date
West Virginia (DW)	State	9906 C	01-31-25
West Virginia DEP	State	055	07-31-25
Wyoming	State	8TMS-L	01-31-25
Wyoming (UST)	A2LA	0001.01	11-30-24

Eurofins Cleveland
180 S. Van Buren Avenue
Barberton, OH 44203
Phone (330) 497-9396 Phone (330) 497-0772

Chain of Custody Record

eurofins | Environment Testing

Client Information	Sampler: Elisabeth Webber	Lab PM: Kalis, Nicole A	Carrier Tracking No(s):	COC No: 240-124901-43556.2
Client Contact: Kain Lager-Lowe	Phone:	E-Mail: Nicole.Kalis@et.eurofinsus.com	State of Origin: OH	Page: ~~Page 2 of 12~~ 1
Company: August Mack Environmental, Inc.	PWSID:	Analysis Requested		Job #:
Address: 7830 North Central Drive, Suite B	Due Date Requested:			Preservation Codes: N - None; A - HCL; B - NaOH; D - HNO3
City: Lewis Center	TAT Requested (days): 3 day TAT			
State, Zip: OH, 43035	Compliance Project: Δ Yes Δ No			
Phone: 740-548-1515(Tel)	PO #:			
Email: klagerlowe@augustmack.com	WO #:			
Project Name: MSC Canfield - Soil/Surface Water	Project #: DO NOT DELETE - 24033889			
Site:	SSOW#:			

240-212801 COC

Sample Identification	Sample Date	Sample Time	Sample Type (C=comp, G=grab)	Matrix (W=water, S=solid, O=waste/oil, BT=Tissue, A=Air)	Field Filtered Sample (Yes or No)	Perform MS/MSD (Yes or No)	8260D - VOCs	8270E - SVOCs	8082A - PCBs	6010D, 7471B - RCRA 8, Cu & Zn	9012B - Total Cyanide	7196A - Hexavalent Chromium	1677 - Free Cyanide						Total Number of containers	Special Instructions/Note:
			Preservation Code:		X	X	N	N	N	N	N	N	N							
SB-23-0	10-8-24	0945	G	Solid	N	N	X	X	X	X	X	X	X						6	
SB-23-0.5	10-8-24	0955	G	Solid	N	N	X	X	X	X	X	X	X						6	
SB-23-2.0	10-8-24	1010	G	Solid	N	N	X	X	X	X	X	X	X						6	
DUP-9-2024 1008	10-8-24	—	G	Solid	N	N	X	X	X	X	X	X	X						6	
SB-24-0	10-8-24	1025	G	Solid	N	N	X	X	X	X	X	X	X						6	
SB-24-0.5	10-8-24	1035	G	Solid	N	N	X	X	X	X	X	X	X						6	
SB-24-2.0	10-8-24	1045	G	Solid	N	N	X	X	X	X	X	X	X						6	
SB-25-0	10-8-24	1135	G	Solid	N	N	X	X	X	X	X	X	X						6	
SB-25-0.5	10-8-24	1145	G	Solid	N	N	X	X	X	X	X	X	X						6	
SB-25-2.0	10-8-24	1200	G	Solid	N	N	X	X	X	X	X	X	X						6	
SB-26-2.0	10-8-24	1230	G	Solid	N	N	X	X	X	X	X	X	X						6	

Possible Hazard Identification
☐ Non-Hazard ☐ Flammable ☐ Skin Irritant ☐ Poison B ☐ Unknown ☐ Radiological

Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)
☐ Return To Client ☐ Disposal By Lab ☐ Archive For _____ Months

Deliverable Requested: I, II, III, IV, Other (specify)

Special Instructions/QC Requirements:

Empty Kit Relinquished by:	Date:	Time:	Method of Shipment:

Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company
	10/10/24 1515	AME		10/10/24 1515	Eur
Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company
Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company

Custody Seals Intact: Δ Yes Δ No	Custody Seal No.:	Cooler Temperature(s) °C and Other Remarks:

Eurofins Cleveland
180 S. Van Buren Avenue
Barberton, OH 44203
Phone (330) 497-9396 Phone (330) 497-0772

Chain of Custody Record

eurofins | Environment Testing

Client Information	Sampler: Elisabeth Webber	Lab PM: Kalis, Nicole A	Carrier Tracking No(s):	COC No: 240-124901-43556.4
Client Contact: Kain Lager-Lowe	Phone:	E-Mail: Nicole.Kalis@et.eurofinsus.com	State of Origin: OH	Page: ~~Page 4 of 12~~ 2
Company: August Mack Environmental, Inc.	PWSID:			Job #:
Address: 7830 North Central Drive, Suite B	Due Date Requested:			
City: Lewis Center	TAT Requested (days): 3 day TAT			
State, Zip: OH, 43035	Compliance Project: Δ Yes Δ No			
Phone: 740-548-1515(Tel)	PO #:			
Email: klagerlowe@augustmack.com	WO #:			
Project Name: MSC Canfield - Soil/Surface Water	Project #: DO NOT DELETE - 24033889			
Site:	SSOW#:			

Analysis Requested

Preservation Codes:
N - None
A - HCL
B - NaOH
D - HNO3

Other:

Sample Identification	Sample Date	Sample Time	Sample Type (C=Comp, G=grab)	Matrix (W=water, S=solid, O=waste/oil, BT=Tissue, A=Air)	Field Filtered Sample (Yes or No)	Perform MS/MSD (Yes or No)	8260D - VOCs	8270E - SVOCs	8082A - PCBs	6010D, 7471B - RCRA 8, Cu & Zn	9012B - Total Cyanide	7196A - Hexavalent Chromium	1677 - Free Cyanide	Total Number of containers	Special Instructions/Note:
			Preservation Code:				N	N	N	N	N	N	N		
SB-26-0	10-8-24	1205	G	Solid	N	N	X	X	X	X	X	X	X	6	
SB-26-0.5	10-8-24	1215	G	Solid	N	N	X	X	X	X	X	X	X	6	
SB-27-0	10-8-24	1250	G	Solid	N	Y	X	X	X	X	X	X	X	18	
SB-27-0.5	10-8-24	1305	G	Solid	N	N	X	X	X	X	X	X	X	6	
SB-27-2.0	10-8-24	1315	G	Solid	N	N	X	X	X	X	X	X	X	6	
SB-28-0	10-8-24	1405	G	Solid	N	N	X	X	X	X	X	X	X	6	
DUP-10-2024 1008	10-8-24	—	G	Solid	N	N	X	X	X	X	X	X	X	6	
SB-28-0.5	10-8-24	1415	G	Solid	N	N	X	X	X	X	X	X	X	6	
SB-28-2.0	10-8-24	1430	G	Solid	N	N	X	X	X	X	X	X	X	6	
SB-29-0	10-8-24	1455	G	Solid	N	N	X	X	X	X	X	X	X	6	
SB-29-0.5	10-8-24	1510	G	Solid	N	N	X	X	X	X	X	X	X	6	

Possible Hazard Identification
☐ Non-Hazard ☐ Flammable ☐ Skin Irritant ☐ Poison B ☐ Unknown ☐ Radiological

Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)
☐ Return To Client ☐ Disposal By Lab ☐ Archive For _____ Months

Deliverable Requested: I, II, III, IV, Other (specify)

Special Instructions/QC Requirements:

Empty Kit Relinquished by:	Date:	Time:	Method of Shipment:

	Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company
1		10/10/24 1515	AME		10/10/2024 1515	Euro
2	Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company
3	Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company

Custody Seals Intact: Δ Yes Δ No	Custody Seal No.:	Cooler Temperature(s) °C and Other Remarks:

Eurofins Cleveland
180 S. Van Buren Avenue
Barberton, OH 44203
Phone (330) 497-9396 Phone (330) 497-0772

Chain of Custody Record

eurofins | Environment Testing

Client Information	Sampler: Elisabeth Webber	Lab PM: Kalis, Nicole A	Carrier Tracking No(s):	COC No: 240-124901-43556.6
Client Contact: Kain Lager-Lowe	Phone:	E-Mail: Nicole.Kalis@et.eurofinsus.com	State of Origin: OH	Page: ~~Page 6 of 12~~ 3
Company: August Mack Environmental, Inc.	PWSID:			Job #:
Address: 7830 North Central Drive, Suite B	Due Date Requested:			
City: Lewis Center	TAT Requested (days): 3 day TAT			
State, Zip: OH, 43035	Compliance Project: Δ Yes Δ No			
Phone: 740-548-1515(Tel)	PO #:			
Email: klagerlowe@augustmack.com	WO #:			
Project Name: MSC Canfield - Soil/Surface Water	Project #: DO NOT DELETE - 24033889			
Site:	SSOW#:			

Analysis Requested

Preservation Codes:
N - None
A - HCL
B - NaOH
D - HNO3
Other:

Sample Identification	Sample Date	Sample Time	Sample Type (C=Comp, G=grab)	Matrix (W=water, S=solid, O=waste/oil, BT=Tissue, A=Air)	Field Filtered Sample (Yes or No)	Perform MS/MSD (Yes or No)	8260D - VOCs	8270E - SVOCs	8082A - PCBs	6010D, 7471B - RCRA 8, Cu & Zn	9012B - Total Cyanide	7196A - Hexavalent Chromium	1677 - Free Cyanide	VOCs						Total Number of containers	Special Instructions/Note:
Preservation Code:							N	N	N	N	N	N	N									
SB-29-2.0	10-8-24	1520	G	Solid	N	N	X	X	X	X	X	X	X								6	
SB-34-0	10-8-24	1545	G	Solid	N	N	X	X	X	X	X	X	X								6	
SB-34-0.5	10-8-24	1550	G	Solid	N	N	X	X	X	X	X	X	X								6	
SB-34-2.0	10-8-24	1600	G	Solid	N	N	X	X	X	X	X	X	X								6	
TB-10-2024 1008	10-8-24	1705	G	~~W Solid~~	N	N								X							1	
TB-11-2024 1008	10-8-24	1705	G	~~W Solid~~	N	N								X							1	
TB-12-2024 1008	10-8-24	1710	G	~~W Solid~~	N	N								X							1	
SB-33-0	10-9-24	0910	G	Solid	N	Y	X	X	X	X	X	X	X								8	
SB-33-0.5	10-9-24	0920	G	Solid	N	N	X	X	X	X	X	X	X								6	
SB-33-2.0	10-9-24	0930	G	Solid	N	N	X	X	X	X	X	X	X								6	
DUP-11-2024 1009	10-9-24	—	G	Solid	N	N	X	X	X	X	X	X	X								6	

Possible Hazard Identification
☐ Non-Hazard ☐ Flammable ☐ Skin Irritant ☐ Poison B ☐ Unknown ☐ Radiological

Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)
☐ Return To Client ☐ Disposal By Lab ☐ Archive For _____ Months

Deliverable Requested: I, II, III, IV, Other (specify)

Special Instructions/QC Requirements:

Empty Kit Relinquished by:	Date:	Time:	Method of Shipment:

Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company
[signature]	10/10/24 1515	AME	[signature]	10-10-24 1515	FedEx
Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company
Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company

Custody Seals Intact: Δ Yes Δ No | Custody Seal No.: | Cooler Temperature(s) °C and Other Remarks:

Eurofins Cleveland
180 S. Van Buren Avenue
Barberton, OH 44203
Phone (330) 497-9396 Phone (330) 497-0772

Chain of Custody Record

eurofins | Environment Testing

Client Information	Sampler: Elisabeth Webber	Lab PM: Kalis, Nicole A	Carrier Tracking No(s):	COC No: 240-124901-43556.8
Client Contact: Kain Lager-Lowe	Phone:	E-Mail: Nicole.Kalis@et.eurofinsus.com	State of Origin:	Page: ~~Page 8 of 12~~ 4
Company: August Mack Environmental, Inc.	PWSID:	Analysis Requested		Job #:
Address: 7830 North Central Drive, Suite B	Due Date Requested:			Preservation Codes: N - None; A - HCL; B - NaOH; D - HNO3
City: Lewis Center	TAT Requested (days): 3 day TAT			
State, Zip: OH, 43035	Compliance Project: Δ Yes Δ No			
Phone: 740-548-1515(Tel)	PO #:			
Email: klagerlowe@augustmack.com	WO #:			
Project Name: MSC Canfield - Soil/Surface Water	Project #: DO NOT DELETE - 24033889			Other:
Site:	SSOW#:			

Sample Identification	Sample Date	Sample Time	Sample Type (C=comp, G=grab)	Matrix (W=water, S=solid, O=waste/oil, BT=Tissue, A=Air)	Field Filtered Sample (Yes or No)	Perform MS/MSD (Yes or No)	8260D - VOCs	8270E - SVOCs	8082A - PCBs	6010D, 7471B - RCRA 8, Cu & Zn	9012B - Total Cyanide	7196A - Hexavalent Chromium	1677 - Free Cyanide						Total Number of containers	Special Instructions/Note:
Preservation Code:					X	X	N	N	N	N	N	N	N						X	
SB-32-0	10-9-24	0950	G	Solid	N	N	X	X	X	X	X	X	X						6	
SB-32-0.5	10-9-24	1000	G	Solid	N	N	X	X	X	X	X	X	X						6	
SB-32-2.0	10-9-24	1015	G	Solid	N	N	X	X	X	X	X	X	X						6	
SB-31-0	10-9-24	1055	G	Solid	N	N	X	X	X	X	X	X	X						6	
DUP-12-2024 1009	10-9-24	—	G	Solid	N	N	X	X	X	X	X	X	X						6	
SB-31-0.5	10-9-24	1105	G	Solid	N	N	X	X	X	X	X	X	X						6	
SB-31-2.0	10-9-24	1115	G	Solid	N	N	X	X	X	X	X	X	X						6	
SB-30-0	10-9-24	1230	G	Solid	N	Y	X	X	X	X	X	X	X						18	
SB-30-0.5	10-9-24	1245	G	Solid	N	N	X	X	X	X	X	X	X						6	
DUP-13-2024 1009	10-9-24	—	G	Solid	N	N	X	X	X	X	X	X	X						6	
SB-30-2.0	10-9-24	1305	G	Solid	N	N	X	X	X	X	X	X	X						6	

Possible Hazard Identification
☐ Non-Hazard ☐ Flammable ☐ Skin Irritant ☐ Poison B ☐ Unknown ☐ Radiological

Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)
☐ Return To Client ☐ Disposal By Lab ☐ Archive For _____ Months

Deliverable Requested: I, II, III, IV, Other (specify)

Special Instructions/QC Requirements:

Empty Kit Relinquished by:	Date:	Time:	Method of Shipment:

Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company
[signature]	10/10/24 1515	TME	[signature]	10-10-24 1515	Eurofins
Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company
Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company

Custody Seals Intact: Δ Yes Δ No	Custody Seal No.:	Cooler Temperature(s) °C and Other Remarks:

Eurofins Cleveland
180 S. Van Buren Avenue
Barberton, OH 44203
Phone (330) 497-9396 Phone (330) 497-0772

Chain of Custody Record

eurofins | Environment Testing

Client Information	Sampler: Elizabeth Webber	Lab PM: Kalis, Nicole A	Carrier Tracking No(s):	COC No: 240-124901-43556.9
Client Contact: Kain Lager-Lowe	Phone:	E-Mail: Nicole.Kalis@et.eurofinsus.com	State of Origin:	Page: ~~Page 9 of 12~~ S
Company: August Mack Environmental, Inc.	PWSID:			Job #:
Address: 7830 North Central Drive, Suite B	Due Date Requested:			
City: Lewis Center	TAT Requested (days): 3 day TAT			
State, Zip: OH, 43035	Compliance Project: Δ Yes Δ No			
Phone: 740-548-1515(Tel)	PO #:			
Email: klagerlowe@augustmack.com	WO #:			
Project Name: MSC Canfield - Soil/Surface Water	Project #: DO NOT DELETE - 24033889			
Site:	SSOW#:			

Analysis Requested

Preservation Codes:
N - None
A - HCL
B - NaOH
D - HNO3
Other:

Sample Identification	Sample Date	Sample Time	Sample Type (C=Comp, G=grab)	Matrix (W=water, S=solid, O=waste/oil, BT=Tissue, A=Air)	Field Filtered Sample (Yes or No)	Perform MS/MSD (Yes or No)	8260D - VOCs	8270E - SVOCs	8082A - PCBs	6010D, 7471B - RCRA 8, Cu & Zn	9012B - Total Cyanide	7196A - Hexavalent Chromium	1677 - Free Cyanide	VOC's						Total Number of containers	Special Instructions/Note:
			Preservation Code:		N	N	N	N	N	N	N	N	N								
SB-36-0	10-9-24	1345	G	Solid	N	N	X	X	X	X	X	X	X								6	
SB-36-0.5	10-9-24	1355	G	Solid	N	N	X	X	X	X	X	X	X								6	
SB-36-2.0	10-9-24	1405	G	Solid	N	N	X	X	X	X	X	X	X								6	
SB-35-0	10-9-24	1430	G	Solid	N	N	X	X	X	X	X	X	X								6	
SB-35-0.5	10-9-24	1435	G	Solid	N	N	X	X	X	X	X	X	X								6	
SB-35-2.0	10-9-24	1445	G	Solid	N	N	X	X	X	X	X	X	X								6	
TB-13-2024 1009	10-9-24	1605	G	W ~~Solid~~	N	N								X							1	
TB-14-2024 1009	10-9-24	1610	G	W ~~Solid~~	N	N								X							1	
TB-15-2024 1009	10-9-24	1615	G	W ~~Solid~~	N	N								X							1	
TB-16-2024 1009	10-9-24	1620	G	W ~~Solid~~	N	N								X							1	
				Solid																		

Possible Hazard Identification
☐ Non-Hazard ☐ Flammable ☐ Skin Irritant ☐ Poison B ☐ Unknown ☐ Radiological

Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)
☐ Return To Client ☐ Disposal By Lab ☐ Archive For _____ Months

Deliverable Requested: I, II, III, IV, Other (specify)

Special Instructions/QC Requirements:

Empty Kit Relinquished by:	Date:	Time:	Method of Shipment:

Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company
[signature]	10/10/24 1515	AME	[signature]	10-10-24 1515	Eurofins
Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company
Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company

Custody Seals Intact: Δ Yes Δ No	Custody Seal No.:	Cooler Temperature(s) °C and Other Remarks:

Eurofins Cleveland
180 S. Van Buren Avenue
Barberton, OH 44203
Phone (330) 497-9396 Phone (330) 497-0772

Chain of Custody Record

eurofins | Environment Testing

Client Information	Sampler: Elisabeth Webber	Lab PM: Kalis, Nicole A	Carrier Tracking No(s):	COC No: 240-124901-43556.10
Client Contact: Kain Lager-Lowe	Phone:	E-Mail: Nicole.Kalis@et.eurofinsus.com	State of Origin:	Page: ~~Page 10 of 12~~ 4 EW 10-09-24 6
Company: August Mack Environmental, Inc.	PWSID:			Job #:
Address: 7830 North Central Drive, Suite B	Due Date Requested:			
City: Lewis Center	TAT Requested (days): 3 day TAT			
State, Zip: OH, 43035	Compliance Project: Δ Yes Δ No			
Phone: 740-548-1515(Tel)	PO #:			
Email: klagerlowe@augustmack.com	WO #:			
Project Name: MSC Canfield - Soil/Surface Water	Project #: DO NOT DELETE - 24033889			
Site:	SSOW#:			

Analysis Requested

Preservation Codes:
N - None
A - HCL
B - NaOH
D - HNO3

Other:

Sample Identification	Sample Date	Sample Time	Sample Type (C=Comp, G=grab)	Matrix (W=water, S=solid, O=waste/oil, BT=Tissue, A=Air)	Field Filtered Sample (Yes or No)	Perform MS/MSD (Yes or No)	8260D - VOCs	8270E - SVOCs	8082A - PCBs	6010D, 7471B - RCRA 8, Cu & Zn	9012B - Total Cyanide	7196A - Hexavalent Chromium Total	1677 - Free Cyanide	Total Number of containers	Special Instructions/Note:
			Preservation Code:				N	N	N	N	N	N	N		
EB-2-2024 1010	10-10-24	1225	G	~~W~~ Solid	N	N	X	X	X	X	X	X	X	11	
RB-2-2024 1010	10-10-24	1148	G	W	N	N	X	X	X	X	X	X	X	11	

Possible Hazard Identification
☐ Non-Hazard ☐ Flammable ☐ Skin Irritant ☐ Poison B ☐ Unknown ☐ Radiological

Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)
☐ Return To Client ☐ Disposal By Lab ☐ Archive For _____ Months

Deliverable Requested: I, II, III, IV, Other (specify)

Special Instructions/QC Requirements:

Empty Kit Relinquished by:	Date:	Time:	Method of Shipment:

Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company
	10/10/24 1515	AME		10-10-24 1515	EXO
Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company
Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company

Custody Seals Intact: Δ Yes Δ No | Custody Seal No.: | Cooler Temperature(s) °C and Other Remarks:

Eurofins – Cleveland Sample Receipt Form/Narrative **Login # :** 212801
Barberton Facility

Client August Mack Site Name MSC Canfield Cooler unpacked by: NAK / AM / [illegible]
Cooler Received on 10/10/24 Opened on 10/10/24
FedEx. 1st Grd Exp UPS FAS Waypoint Client Drop Off Eurofins Courier Other

Receipt After-hours Drop-off Date/Time Storage Location

Eurofins Cooler # EC Foam Box Client Cooler Box Other
Packing material used: Bubble Wrap Foam Plastic Bag None Other
COOLANT Wet Ice Blue Ice Dry Ice Water None

1 Cooler temperature upon receipt ☑ See Multiple Cooler Form
IR GUN # 24 (CF 0.0 °C) Observed Cooler Temp. ____ °C Corrected Cooler Temp ____ °C

2. Were tamper/custody seals on the outside of the cooler(s)? If Yes Quantity ____ Yes No
-Were the seals on the outside of the cooler(s) signed & dated? Yes No NA
-Were tamper/custody seals on the bottle(s) or bottle kits (LLHg/MeHg)? Yes No
-Were tamper/custody seals intact and uncompromised? Yes No NA
3 Shippers' packing slip attached to the cooler(s)? Yes No
4. Did custody papers accompany the sample(s)? Yes No
5 Were the custody papers relinquished & signed in the appropriate place? Yes No
6 Was/were the person(s) who collected the samples clearly identified on the COC? Yes No
7 Did all bottles arrive in good condition (Unbroken)? Yes No
8 Could all bottle labels (ID/Date/Time) be reconciled with the COC? Yes No
9 For each sample, does the COC specify preservatives (Y/N), # of containers (Y/N), and sample type of grab/comp (Y/N)?
10 Were correct bottle(s) used for the test(s) indicated? Yes No
11 Sufficient quantity received to perform indicated analyses? Yes No
12 Are these work share samples and all listed on the COC? Yes No
If yes, Questions 13-17 have been checked at the originating laboratory
13 Were all preserved sample(s) at the correct pH upon receipt? Yes No NA pH Strip Lot# HC447997
14 Were VOAs on the COC? Yes No
15 Were air bubbles >6 mm in any VOA vials? ● ← Larger than this. Yes No NA
16 Was a VOA trip blank present in the cooler(s)? Trip Blank Lot # Covered Yes No
17 Was a LL Hg or Me Hg trip blank present? ____ Yes No

Tests that are not checked for pH by Receiving:
VOAs
Oil and Grease
TOC

Contacted PM ____ Date ____ by ____ via Verbal Voice Mail Other

Concerning ____

18. CHAIN OF CUSTODY & SAMPLE DISCREPANCIES ☐ additional next page Samples processed by:

19. SAMPLE CONDITION
Sample(s) ____ were received after the recommended holding time had expired.
Sample(s) ____ were received in a broken container
Sample(s) ____ were received with bubble >6 mm in diameter (Notify PM)

20. SAMPLE PRESERVATION

Sample(s) ____ were further preserved in the laboratory
Time preserved. ____ Preservative(s) added/Lot number(s). ____

VOA Sample Preservation - Date/Time VOAs Frozen. ____

Login # : 212801

Eurofins - Cleveland Sample Receipt Multiple Cooler Form

Cooler Description (Circle)	IR Gun # (Circle)	Observed Temp °C	Corrected Temp °C	Coolant (Circle)
(EC) Client Box Other	IR GUN #: 24	7.8	7.8	(Wet Ice) Blue Ice Dry Ice Water None
(EC) Client Box Other	IR GUN #: 1	23.5	23.5	(Wet Ice) Blue Ice Dry Ice Water None
(EC) Client Box Other	IR GUN #: 1	10.1	10.1	(Wet Ice) Blue Ice Dry Ice Water None
(EC) Client Box Other	IR GUN #: 1	10.9	10.9	(Wet Ice) Blue Ice Dry Ice Water None
(EC) Client Box Other	IR GUN #: 1	5.7	5.7	(Wet Ice) Blue Ice Dry Ice Water None
(EC) Client Box Other	IR GUN #: 1	6.1	6.1	(Wet Ice) Blue Ice Dry Ice Water None
(EC) Client Box Other	IR GUN #: 4	7.2	7.2	(Wet Ice) Blue Ice Dry Ice Water None
EC Client Box Other	IR GUN #:			(Wet Ice) Blue Ice Dry Ice Water None
EC Client Box Other	IR GUN #:			Wet Ice

10/11/2024

Login Container Summary Report

240-212801

10/28/2024

Temperature readings _____

Client Sample ID	Lab ID	Container Type	Container pH	Container Temp	Preservation Added	Preservation Lot Number
SB-23-0	240-212801-A-1	SnapCap 1/2 ounce unpreserved				
SB-23-0	240-212801-B-1	Soil jar 2oz - clear glass				
SB-23-0	240-212801-C-1	Soil jar 4oz - clear glass				
SB-23-0	240-212801-D-1	Soil jar 4oz - clear glass				
SB-23-0	240-212801-E-1	Soil jar 4oz - clear glass				
SB-23-0	240-212801-F-1	Soil jar 4oz - clear glass				
SB-23-0	240-212801-G-1	Soil jar 4oz - clear glass				
SB-23-0 5	240-212801-A-2	SnapCap 1/2 ounce unpreserved				
SB-23-0.5	240-212801-B-2	Soil jar 2oz - clear glass				
SB-23-0.5	240-212801-C-2	Soil jar 4oz - clear glass				
SB-23-0 5	240-212801-D-2	Soil jar 4oz - clear glass				
SB-23-0 5	240-212801-E-2	Soil jar 4oz - clear glass				
SB-23-0 5	240-212801-F-2	Soil jar 4oz - clear glass				
SB-23-0.5	240-212801-G-2	Soil jar 4oz - clear glass				
SB-23-2 0	240-212801-A-3	SnapCap 1/2 ounce unpreserved				
SB-23-2 0	240-212801-B-3	Soil jar 2oz - clear glass				
SB-23-2 0	240-212801-C-3	Soil jar 4oz - clear glass				
SB-23-2 0	240-212801-D-3	Soil jar 4oz - clear glass				
SB-23-2 0	240-212801-E-3	Soil jar 4oz - clear glass				
SB-23-2 0	240-212801-F-3	Soil jar 4oz - clear glass				
SB-23-2 0	240-212801-G-3	Soil jar 4oz - clear glass				
DUP-9-2024 1008	240-212801-A-4	SnapCap 1/2 ounce unpreserved				
DUP-9-2024 1008	240-212801-B-4	Soil jar 2oz - clear glass				
DUP-9-2024 1008	240-212801-C-4	Soil jar 4oz - clear glass				
DUP-9-2024 1008	240-212801-D-4	Soil jar 4oz - clear glass				
DUP-9-2024 1008	240-212801-E-4	Soil jar 4oz - clear glass				
DUP-9-2024 1008	240-212801-F-4	Soil jar 4oz - clear glass				
DUP-9-2024 1008	240-212801-G-4	Soil jar 4oz - clear glass				
SB-24-0	240-212801-A-5	SnapCap 1/2 ounce unpreserved				
SB-24-0	240-212801-B-5	Soil jar 2oz - clear glass				
SB-24-0	240-212801-C-5	Soil jar 4oz - clear glass				
SB-24-0	240-212801-D-5	Soil jar 4oz - clear glass				
SB-24-0	240-212801-E-5	Soil jar 4oz - clear glass				
SB-24-0	240-212801-F-5	Soil jar 4oz - clear glass				
SB-24-0	240-212801-G-5	Soil jar 4oz - clear glass				

Client Sample ID	Lab ID	Container Type	Container pH	Container Temp	Preservation Added	Preservation Lot Number
SB-24-0 5	240-212801-A-6	SnapCap 1/2 ounce unpreserved				
SB-24-0.5	240-212801-B-6	Soil jar 2oz - clear glass				
SB-24-0 5	240-212801-C-6	Soil jar 4oz - clear glass				
SB-24-0 5	240-212801-D-6	Soil jar 4oz - clear glass				
SB-24-0.5	240-212801-E-6	Soil jar 4oz - clear glass				
SB-24-0 5	240-212801-F-6	Soil jar 4oz - clear glass				
SB-24-0.5	240-212801-G-6	Soil jar 4oz - clear glass				
SB-24-2 0	240-212801-A-7	SnapCap 1/2 ounce unpreserved				
SB-24-2 0	240-212801-B-7	Soil jar 2oz - clear glass				
SB-24-2 0	240-212801-C-7	Soil jar 4oz - clear glass				
SB-24-2 0	240-212801-D-7	Soil jar 4oz - clear glass				
SB-24-2 0	240-212801-E-7	Soil jar 4oz - clear glass				
SB-24-2 0	240-212801-F-7	Soil jar 4oz - clear glass				
SB-24-2 0	240-212801-G-7	Soil jar 4oz - clear glass				
SB-25-0	240-212801-A-8	SnapCap 1/2 ounce unpreserved				
SB-25-0	240-212801-B-8	Soil jar 2oz - clear glass				
SB-25-0	240-212801-C-8	Soil jar 4oz - clear glass				
SB-25-0	240-212801-D-8	Soil jar 4oz - clear glass				
SB-25-0	240-212801-E-8	Soil jar 4oz - clear glass				
SB-25-0	240-212801-F-8	Soil jar 4oz - clear glass				
SB-25-0	240-212801-G-8	Soil jar 4oz - clear glass				
SB-25-0.5	240-212801-A-9	SnapCap 1/2 ounce unpreserved				
SB-25-0 5	240-212801-B-9	Soil jar 2oz - clear glass				
SB-25-0 5	240-212801-C-9	Soil jar 4oz - clear glass				
SB-25-0.5	240-212801-D-9	Soil jar 4oz - clear glass				
SB-25-0.5	240-212801-E-9	Soil jar 4oz - clear glass				
SB-25-0 5	240-212801-F-9	Soil jar 4oz - clear glass				
SB-25-0 5	240-212801-G-9	Soil jar 4oz - clear glass				
SB-25-2 0	240-212801-A-10	SnapCap 1/2 ounce unpreserved				
SB-25-2 0	240-212801-B-10	Soil jar 2oz - clear glass				
SB-25-2 0	240-212801-C-10	Soil jar 4oz - clear glass				
SB-25-2 0	240-212801-D-10	Soil jar 4oz - clear glass				
SB-25-2 0	240-212801-E-10	Soil jar 4oz - clear glass				
SB-25-2 0	240-212801-F-10	Soil jar 4oz - clear glass				
SB-25-2 0	240-212801-G-10	Soil jar 4oz - clear glass				
SB-26-2 0	240-212801-A-11	SnapCap 1/2 ounce unpreserved				
SB-26-2 0	240-212801-B-11	Soil jar 2oz - clear glass				
SB-26-2 0	240-212801-C-11	Soil jar 4oz - clear glass				

Client Sample ID	Lab ID	Container Type	Container pH	Container Temp	Preservation Added	Preservation Lot Number
SB-26-2 0	240-212801-D-11	Soil jar 4oz - clear glass				
SB-26-2 0	240-212801-E-11	Soil jar 4oz - clear glass				
SB-26-2 0	240-212801-F-11	Soil jar 4oz - clear glass				
SB-26-2 0	240-212801-G-11	Soil jar 4oz - clear glass				
SB-26-0	240-212801-A-12	SnapCap 1/2 ounce unpreserved				
SB-26-0	240-212801-B-12	Soil jar 2oz - clear glass				
SB-26-0	240-212801-C-12	Soil jar 4oz - clear glass				
SB-26-0	240-212801-D-12	Soil jar 4oz - clear glass				
SB-26-0	240-212801-E-12	Soil jar 4oz - clear glass				
SB-26-0	240-212801-F-12	Soil jar 4oz - clear glass				
SB-26-0	240-212801-G-12	Soil jar 4oz - clear glass				
SB-26-0.5	240-212801-A-13	SnapCap 1/2 ounce unpreserved				
SB-26-0 5	240-212801-B-13	Soil jar 2oz - clear glass				
SB-26-0 5	240-212801-C-13	Soil jar 4oz - clear glass				
SB-26-0.5	240-212801-D-13	Soil jar 4oz - clear glass				
SB-26-0 5	240-212801-E-13	Soil jar 4oz - clear glass				
SB-26-0 5	240-212801-F-13	Soil jar 4oz - clear glass				
SB-26-0.5	240-212801-G-13	Soil jar 4oz - clear glass				
SB-27-0	240-212801-A-14	SnapCap 1/2 ounce unpreserved				
SB-27-0	240-212801-A-14 DU	SnapCap 1/2 ounce unpreserved				
SB-27-0	240-212801-A-14 MS	Soil jar 2oz - clear glass				
SB-27-0	240-212801-A-14 MSD	Soil jar 2oz - clear glass				
SB-27-0	240-212801-A-14 MSI	Soil jar 4oz - clear glass				
SB-27-0	240-212801-A-14 MSS	Soil jar 4oz - clear glass				
SB-27-0	240-212801-B-14	Soil jar 2oz - clear glass				
SB-27-0	240-212801-B-14 MS	Soil jar 4oz - clear glass				
SB-27-0	240-212801-B-14 MSD	Soil jar 4oz - clear glass				
SB-27-0	240-212801-C-14	Soil jar 4oz - clear glass				
SB-27-0	240-212801-C-14 MS	Soil jar 4oz - clear glass				
SB-27-0	240-212801-C-14 MSD	Soil jar 4oz - clear glass				
SB-27-0	240-212801-D-14	Soil jar 4oz - clear glass				
SB-27-0	240-212801-D-14 MS	Soil jar 4oz - clear glass				
SB-27-0	240-212801-D-14 MSD	Soil jar 4oz - clear glass				
SB-27-0	240-212801-E-14	Soil jar 4oz - clear glass				

Client Sample ID	Lab ID	Container Type	Container pH	Container Temp	Preservation Added	Preservation Lot Number
SB-27-0	240-212801-E-14 MS	Soil jar 4oz - clear glass				
SB-27-0	240-212801-E-14 MSD	Soil jar 4oz - clear glass				
SB-27-0	240-212801-F-14	Soil jar 4oz - clear glass				
SB-27-0	240-212801-G-14	Soil jar 4oz - clear glass				
SB-27-0.5	240-212801-A-15	SnapCap 1/2 ounce unpreserved				
SB-27-0 5	240-212801-B-15	Soil jar 2oz - clear glass				
SB-27-0.5	240-212801-C-15	Soil jar 4oz - clear glass				
SB-27-0 5	240-212801-D-15	Soil jar 4oz - clear glass				
SB-27-0.5	240-212801-E-15	Soil jar 4oz - clear glass				
SB-27-0 5	240-212801-F-15	Soil jar 4oz - clear glass				
SB-27-0 5	240-212801-G-15	Soil jar 4oz - clear glass				
SB-27-2 0	240-212801-A-16	SnapCap 1/2 ounce unpreserved				
SB-27-2 0	240-212801-B-16	Soil jar 2oz - clear glass				
SB-27-2 0	240-212801-C-16	Soil jar 4oz - clear glass				
SB-27-2 0	240-212801-D-16	Soil jar 4oz - clear glass				
SB-27-2 0	240-212801-E-16	Soil jar 4oz - clear glass				
SB-27-2 0	240-212801-F-16	Soil jar 4oz - clear glass				
SB-27-2 0	240-212801-G-16	Soil jar 4oz - clear glass				
SB-28-0	240-212801-A-17	SnapCap 1/2 ounce unpreserved				
SB-28-0	240-212801-B-17	Soil jar 2oz - clear glass				
SB-28-0	240-212801-C-17	Soil jar 4oz - clear glass				
SB-28-0	240-212801-D-17	Soil jar 4oz - clear glass				
SB-28-0	240-212801-E-17	Soil jar 4oz - clear glass				
SB-28-0	240-212801-F-17	Soil jar 4oz - clear glass				
SB-28-0	240-212801-G-17	Soil jar 4oz - clear glass				
DUP-10-20241008	240-212801-A-18	SnapCap 1/2 ounce unpreserved				
DUP-10-20241008	240-212801-B-18	Soil jar 2oz - clear glass				
DUP-10-20241008	240-212801-C-18	Soil jar 4oz - clear glass				
DUP-10-20241008	240-212801-D-18	Soil jar 4oz - clear glass				
DUP-10-20241008	240-212801-E-18	Soil jar 4oz - clear glass				
DUP-10-20241008	240-212801-F-18	Soil jar 4oz - clear glass				
DUP-10-20241008	240-212801-G-18	Soil jar 4oz - clear glass				
SB-28-0 5	240-212801-A-19	SnapCap 1/2 ounce unpreserved				
SB-28-0 5	240-212801-B-19	Soil jar 2oz - clear glass				
SB-28-0 5	240-212801-C-19	Soil jar 4oz - clear glass				
SB-28-0.5	240-212801-D-19	Soil jar 4oz - clear glass				
SB-28-0.5	240-212801-E-19	Soil jar 4oz - clear glass				

Client Sample ID	Lab ID	Container Type	Container pH	Container Temp	Preservation Added	Preservation Lot Number
SB-28-0 5	240-212801-F-19	Soil jar 4oz - clear glass				
SB-28-0.5	240-212801-G-19	Soil jar 4oz - clear glass				
SB-28-2.0	240-212801-A-20	SnapCap 1/2 ounce unpreserved				
SB-28-2 0	240-212801-B-20	Soil jar 2oz - clear glass				
SB-28-2 0	240-212801-C-20	Soil jar 4oz - clear glass				
SB-28-2 0	240-212801-D-20	Soil jar 4oz - clear glass				
SB-28-2 0	240-212801-E-20	Soil jar 4oz - clear glass				
SB-28-2 0	240-212801-F-20	Soil jar 4oz - clear glass				
SB-28-2 0	240-212801-G-20	Soil jar 4oz - clear glass				
SB-29-0	240-212801-A-21	SnapCap 1/2 ounce unpreserved				
SB-29-0	240-212801-B-21	Soil jar 2oz - clear glass				
SB-29-0	240-212801-C-21	Soil jar 4oz - clear glass				
SB-29-0	240-212801-D-21	Soil jar 4oz - clear glass				
SB-29-0	240-212801-E-21	Soil jar 4oz - clear glass				
SB-29-0	240-212801-F-21	Soil jar 4oz - clear glass				
SB-29-0	240-212801-G-21	Soil jar 4oz - clear glass				
SB-29-0 5	240-212801-A-22	SnapCap 1/2 ounce unpreserved				
SB-29-0 5	240-212801-B-22	Soil jar 2oz - clear glass				
SB-29-0 5	240-212801-C-22	Soil jar 4oz - clear glass				
SB-29-0.5	240-212801-D-22	Soil jar 4oz - clear glass				
SB-29-0 5	240-212801-E-22	Soil jar 4oz - clear glass				
SB-29-0 5	240-212801-F-22	Soil jar 4oz - clear glass				
SB-29-0 5	240-212801-G-22	Soil jar 4oz - clear glass				
SB-29-2 0	240-212801-A-23	SnapCap 1/2 ounce unpreserved				
SB-29-2 0	240-212801-B-23	Soil jar 2oz - clear glass				
SB-29-2.0	240-212801-C-23	Soil jar 4oz - clear glass				
SB-29-2 0	240-212801-D-23	Soil jar 4oz - clear glass				
SB-29-2 0	240-212801-E-23	Soil jar 4oz - clear glass				
SB-29-2.0	240-212801-F-23	Soil jar 4oz - clear glass				
SB-29-2 0	240-212801-G-23	Soil jar 4oz - clear glass				
SB-34-0	240-212801-A-24	SnapCap 1/2 ounce unpreserved				
SB-34-0	240-212801-B-24	Soil jar 2oz - clear glass				
SB-34-0	240-212801-C-24	Soil jar 4oz - clear glass				
SB-34-0	240-212801-D-24	Soil jar 4oz - clear glass				
SB-34-0	240-212801-E-24	Soil jar 4oz - clear glass				
SB-34-0	240-212801-F-24	Soil jar 4oz - clear glass				
SB-34-0	240-212801-G-24	Soil jar 4oz - clear glass				
SB-34-0 5	240-212801-A-25	SnapCap 1/2 ounce unpreserved				

Client Sample ID	Lab ID	Container Type	Container pH	Container Temp	Preservation Added	Preservation Lot Number
SB-34-0 5	240-212801-B-25	Soil jar 2oz - clear glass				
SB-34-0.5	240-212801-C-25	Soil jar 4oz - clear glass				
SB-34-0 5	240-212801-D-25	Soil jar 4oz - clear glass				
SB-34-0 5	240-212801-E-25	Soil jar 4oz - clear glass				
SB-34-0 5	240-212801-F-25	Soil jar 4oz - clear glass				
SB-34-0.5	240-212801-G-25	Soil jar 4oz - clear glass				
SB-34-2 0	240-212801-A-26	SnapCap 1/2 ounce unpreserved				
SB-34-2 0	240-212801-B-26	Soil jar 2oz - clear glass				
SB-34-2 0	240-212801-C-26	Soil jar 4oz - clear glass				
SB-34-2 0	240-212801-D-26	Soil jar 4oz - clear glass				
SB-34-2 0	240-212801-E-26	Soil jar 4oz - clear glass				
SB-34-2 0	240-212801-F-26	Soil jar 4oz - clear glass				
SB-34-2 0	240-212801-G-26	Soil jar 4oz - clear glass				
TB-10-20241008	240-212801-A-27	Voa Vial 40ml - Hydrochloric Acid				
TB-11-20241008	240-212801-A-28	Voa Vial 40ml - Hydrochloric Acid				
TB-12-20241008	240-212801-A-29	Voa Vial 40ml - Hydrochloric Acid				
SB-33-0	240-212801-A-30	SnapCap 1/2 ounce unpreserved				
SB-33-0	240-212801-A-30 DU	SnapCap 1/2 ounce unpreserved				
SB-33-0	240-212801-A-30 MS	Soil jar 2oz - clear glass				
SB-33-0	240-212801-A-30 MSD	Soil jar 2oz - clear glass				
SB-33-0	240-212801-A-30 MSI	Soil jar 4oz - clear glass				
SB-33-0	240-212801-A-30 MSS	Soil jar 4oz - clear glass				
SB-33-0	240-212801-B-30	Soil jar 2oz - clear glass				
SB-33-0	240-212801-B-30 MS	Soil jar 4oz - clear glass				
SB-33-0	240-212801-B-30 MSD	Soil jar 4oz - clear glass				
SB-33-0	240-212801-C-30	Soil jar 4oz - clear glass				
SB-33-0	240-212801-C-30 MS	Soil jar 4oz - clear glass				
SB-33-0	240-212801-C-30 MSD	Soil jar 4oz - clear glass				
SB-33-0	240-212801-D-30	Soil jar 4oz - clear glass				
SB-33-0	240-212801-D-30 MS	Soil jar 4oz - clear glass				
SB-33-0	240-212801-D-30 MSD	Soil jar 4oz - clear glass				
SB-33-0	240-212801-E-30	Soil jar 4oz - clear glass				
SB-33-0	240-212801-E-30 MS	Soil jar 4oz - clear glass				

Client Sample ID	Lab ID	Container Type	Container pH	Container Temp	Preservation Added	Preservation Lot Number
SB-33-0	240-212801-E-30 MSD	Soil jar 4oz - clear glass				
SB-33-0	240-212801-F-30	Soil jar 4oz - clear glass				
SB-33-0	240-212801-F-30 MS	Soil jar 4oz - clear glass				
SB-33-0	240-212801-F-30 MSD	Soil jar 4oz - clear glass				
SB-33-0	240-212801-G-30	Soil jar 4oz - clear glass				
SB-33-0 5	240-212801-A-31	SnapCap 1/2 ounce unpreserved				
SB-33-0.5	240-212801-B-31	Soil jar 2oz - clear glass				
SB-33-0.5	240-212801-C-31	Soil jar 4oz - clear glass				
SB-33-0.5	240-212801-D-31	Soil jar 4oz - clear glass				
SB-33-0.5	240-212801-E-31	Soil jar 4oz - clear glass				
SB-33-0 5	240-212801-F-31	Soil jar 4oz - clear glass				
SB-33-0 5	240-212801-G-31	Soil jar 4oz - clear glass				
SB-33-2 0	240-212801-A-32	SnapCap 1/2 ounce unpreserved				
SB-33-2.0	240-212801-B-32	Soil jar 2oz - clear glass				
SB-33-2 0	240-212801-C-32	Soil jar 4oz - clear glass				
SB-33-2 0	240-212801-D-32	Soil jar 4oz - clear glass				
SB-33-2 0	240-212801-E-32	Soil jar 4oz - clear glass				
SB-33-2 0	240-212801-F-32	Soil jar 4oz - clear glass				
SB-33-2 0	240-212801-G-32	Soil jar 4oz - clear glass				
DUP-11-20241009	240-212801-A-33	SnapCap 1/2 ounce unpreserved				
DUP-11-20241009	240-212801-B-33	Soil jar 2oz - clear glass				
DUP-11-20241009	240-212801-C-33	Soil jar 4oz - clear glass				
DUP-11-20241009	240-212801-D-33	Soil jar 4oz - clear glass				
DUP-11-20241009	240-212801-E-33	Soil jar 4oz - clear glass				
DUP-11-20241009	240-212801-F-33	Soil jar 4oz - clear glass				
DUP-11-20241009	240-212801-G-33	Soil jar 4oz - clear glass				
SB-32-0	240-212801-A-34	SnapCap 1/2 ounce unpreserved				
SB-32-0	240-212801-B-34	Soil jar 2oz - clear glass				
SB-32-0	240-212801-C-34	Soil jar 4oz - clear glass				
SB-32-0	240-212801-D-34	Soil jar 4oz - clear glass				
SB-32-0	240-212801-E-34	Soil jar 4oz - clear glass				
SB-32-0	240-212801-F-34	Soil jar 4oz - clear glass				
SB-32-0	240-212801-G-34	Soil jar 4oz - clear glass				
SB-32-0.5	240-212801-A-35	SnapCap 1/2 ounce unpreserved				
SB-32-0 5	240-212801-B-35	Soil jar 2oz - clear glass				
SB-32-0 5	240-212801-C-35	Soil jar 4oz - clear glass				
SB-32-0 5	240-212801-D-35	Soil jar 4oz - clear glass				

Client Sample ID	Lab ID	Container Type	Container pH	Container Temp	Preservation Added	Preservation Lot Number
SB-32-0.5	240-212801-E-35	Soil jar 4oz - clear glass				
SB-32-0.5	240-212801-F-35	Soil jar 4oz - clear glass				
SB-32-0 5	240-212801-G-35	Soil jar 4oz - clear glass				
SB-32-2 0	240-212801-A-36	SnapCap 1/2 ounce unpreserved				
SB-32-2 0	240-212801-B-36	Soil jar 2oz - clear glass				
SB-32-2.0	240-212801-C-36	Soil jar 4oz - clear glass				
SB-32-2 0	240-212801-D-36	Soil jar 4oz - clear glass				
SB-32-2 0	240-212801-E-36	Soil jar 4oz - clear glass				
SB-32-2 0	240-212801-F-36	Soil jar 4oz - clear glass				
SB-32-2 0	240-212801-G-36	Soil jar 4oz - clear glass				
SB-31-0	240-212801-A-37	SnapCap 1/2 ounce unpreserved				
SB-31-0	240-212801-B-37	Soil jar 2oz - clear glass				
SB-31-0	240-212801-C-37	Soil jar 4oz - clear glass				
SB-31-0	240-212801-D-37	Soil jar 4oz - clear glass				
SB-31-0	240-212801-E-37	Soil jar 4oz - clear glass				
SB-31-0	240-212801-F-37	Soil jar 4oz - clear glass				
SB-31-0	240-212801-G-37	Soil jar 4oz - clear glass				
DUP-12-20241009	240-212801-A-38	SnapCap 1/2 ounce unpreserved				
DUP-12-20241009	240-212801-B-38	Soil jar 2oz - clear glass				
DUP-12-20241009	240-212801-C-38	Soil jar 4oz - clear glass				
DUP-12-20241009	240-212801-D-38	Soil jar 4oz - clear glass				
DUP-12-20241009	240-212801-E-38	Soil jar 4oz - clear glass				
DUP-12-20241009	240-212801-F-38	Soil jar 4oz - clear glass				
DUP-12-20241009	240-212801-G-38	Soil jar 4oz - clear glass				
SB-31-0.5	240-212801-A-39	SnapCap 1/2 ounce unpreserved				
SB-31-0.5	240-212801-B-39	Soil jar 2oz - clear glass				
SB-31-0.5	240-212801-C-39	Soil jar 4oz - clear glass				
SB-31-0.5	240-212801-D-39	Soil jar 4oz - clear glass				
SB-31-0 5	240-212801-E-39	Soil jar 4oz - clear glass				
SB-31-0 5	240-212801-F-39	Soil jar 4oz - clear glass				
SB-31-0.5	240-212801-G-39	Soil jar 4oz - clear glass				
SB-31-2 0	240-212801-A-40	SnapCap 1/2 ounce unpreserved				
SB-31-2 0	240-212801-B-40	Soil jar 2oz - clear glass				
SB-31-2 0	240-212801-C-40	Soil jar 4oz - clear glass				
SB-31-2.0	240-212801-D-40	Soil jar 4oz - clear glass				
SB-31-2 0	240-212801-E-40	Soil jar 4oz - clear glass				
SB-31-2 0	240-212801-F-40	Soil jar 4oz - clear glass				
SB-31-2 0	240-212801-G-40	Soil jar 4oz - clear glass				

Client Sample ID	Lab ID	Container Type	Container pH	Container Temp	Preservation Added	Preservation Lot Number
SB-30-0	240-212801-A-41	SnapCap 1/2 ounce unpreserved				
SB-30-0	240-212801-A-41 DU	SnapCap 1/2 ounce unpreserved				
SB-30-0	240-212801-A-41 MS	Soil jar 2oz - clear glass				
SB-30-0	240-212801-A-41 MSD	Soil jar 2oz - clear glass				
SB-30-0	240-212801-A-41 MSI	Soil jar 4oz - clear glass				
SB-30-0	240-212801-A-41 MSS	Soil jar 4oz - clear glass				
SB-30-0	240-212801-B-41	Soil jar 2oz - clear glass				
SB-30-0	240-212801-B-41 MS	Soil jar 4oz - clear glass				
SB-30-0	240-212801-B-41 MSD	Soil jar 4oz - clear glass				
SB-30-0	240-212801-C-41	Soil jar 4oz - clear glass				
SB-30-0	240-212801-C-41 MS	Soil jar 4oz - clear glass				
SB-30-0	240-212801-C-41 MSD	Soil jar 4oz - clear glass				
SB-30-0	240-212801-D-41	Soil jar 4oz - clear glass				
SB-30-0	240-212801-D-41 MS	Soil jar 4oz - clear glass				
SB-30-0	240-212801-D-41 MSD	Soil jar 4oz - clear glass				
SB-30-0	240-212801-E-41	Soil jar 4oz - clear glass				
SB-30-0	240-212801-E-41 MS	Soil jar 4oz - clear glass				
SB-30-0	240-212801-E-41 MSD	Soil jar 4oz - clear glass				
SB-30-0	240-212801-F-41	Soil jar 4oz - clear glass				
SB-30-0	240-212801-F-41 MS	Soil jar 4oz - clear glass				
SB-30-0	240-212801-F-41 MSD	Soil jar 4oz - clear glass				
SB-30-0	240-212801-G-41	Soil jar 4oz - clear glass				
SB-30-0.5	240-212801-A-42	SnapCap 1/2 ounce unpreserved				
SB-30-0.5	240-212801-B-42	Soil jar 2oz - clear glass				
SB-30-0 5	240-212801-C-42	Soil jar 4oz - clear glass				
SB-30-0 5	240-212801-D-42	Soil jar 4oz - clear glass				
SB-30-0 5	240-212801-E-42	Soil jar 4oz - clear glass				
SB-30-0 5	240-212801-F-42	Soil jar 4oz - clear glass				
SB-30-0 5	240-212801-G-42	Soil jar 4oz - clear glass				
DUP-13-20241009	240-212801-A-43	SnapCap 1/2 ounce unpreserved				
DUP-13-20241009	240-212801-B-43	Soil jar 2oz - clear glass				
DUP-13-20241009	240-212801-C-43	Soil jar 4oz - clear glass				
DUP-13-20241009	240-212801-D-43	Soil jar 4oz - clear glass				

Client Sample ID	Lab ID	Container Type	Container pH	Container Temp	Preservation Added	Preservation Lot Number
DUP-13-20241009	240-212801-E-43	Soil jar 4oz - clear glass				
DUP-13-20241009	240-212801-F-43	Soil jar 4oz - clear glass				
DUP-13-20241009	240-212801-G-43	Soil jar 4oz - clear glass				
SB-30-2 0	240-212801-A-44	SnapCap 1/2 ounce unpreserved				
SB-30-2 0	240-212801-B-44	Soil jar 2oz - clear glass				
SB-30-2 0	240-212801-C-44	Soil jar 4oz - clear glass				
SB-30-2 0	240-212801-D-44	Soil jar 4oz - clear glass				
SB-30-2 0	240-212801-E-44	Soil jar 4oz - clear glass				
SB-30-2 0	240-212801-F-44	Soil jar 4oz - clear glass				
SB-30-2 0	240-212801-G-44	Soil jar 4oz - clear glass				
SB-36-0	240-212801-A-45	SnapCap 1/2 ounce unpreserved				
SB-36-0	240-212801-B-45	Soil jar 2oz - clear glass				
SB-36-0	240-212801-C-45	Soil jar 4oz - clear glass				
SB-36-0	240-212801-D-45	Soil jar 4oz - clear glass				
SB-36-0	240-212801-E-45	Soil jar 4oz - clear glass				
SB-36-0	240-212801-F-45	Soil jar 4oz - clear glass				
SB-36-0	240-212801-G-45	Soil jar 4oz - clear glass				
SB-36-0 5	240-212801-A-46	SnapCap 1/2 ounce unpreserved				
SB-36-0 5	240-212801-B-46	Soil jar 2oz - clear glass				
SB-36-0.5	240-212801-C-46	Soil jar 4oz - clear glass				
SB-36-0 5	240-212801-D-46	Soil jar 4oz - clear glass				
SB-36-0 5	240-212801-E-46	Soil jar 4oz - clear glass				
SB-36-0 5	240-212801-F-46	Soil jar 4oz - clear glass				
SB-36-0.5	240-212801-G-46	Soil jar 4oz - clear glass				
SB-36-2 0	240-212801-A-47	SnapCap 1/2 ounce unpreserved				
SB-36-2 0	240-212801-B-47	Soil jar 2oz - clear glass				
SB-36-2 0	240-212801-C-47	Soil jar 4oz - clear glass				
SB-36-2 0	240-212801-D-47	Soil jar 4oz - clear glass				
SB-36-2 0	240-212801-E-47	Soil jar 4oz - clear glass				
SB-36-2 0	240-212801-F-47	Soil jar 4oz - clear glass				
SB-36-2 0	240-212801-G-47	Soil jar 4oz - clear glass				
SB-35-0	240-212801-A-48	SnapCap 1/2 ounce unpreserved				
SB-35-0	240-212801-B-48	Soil jar 2oz - clear glass				
SB-35-0	240-212801-C-48	Soil jar 4oz - clear glass				
SB-35-0	240-212801-D-48	Soil jar 4oz - clear glass				
SB-35-0	240-212801-E-48	Soil jar 4oz - clear glass				
SB-35-0	240-212801-F-48	Soil jar 4oz - clear glass				
SB-35-0	240-212801-G-48	Soil jar 4oz - clear glass				

Client Sample ID	Lab ID	Container Type	Container pH	Container Temp	Preservation Added	Preservation Lot Number
SB-35-0 5	240-212801-A-49	SnapCap 1/2 ounce unpreserved				
SB-35-0 5	240-212801-B-49	Soil jar 2oz - clear glass				
SB-35-0 5	240-212801-C-49	Soil jar 4oz - clear glass				
SB-35-0 5	240-212801-D-49	Soil jar 4oz - clear glass				
SB-35-0.5	240-212801-E-49	Soil jar 4oz - clear glass				
SB-35-0 5	240-212801-F-49	Soil jar 4oz - clear glass				
SB-35-0 5	240-212801-G-49	Soil jar 4oz - clear glass				
SB-35-2 0	240-212801-A-50	SnapCap 1/2 ounce unpreserved				
SB-35-2 0	240-212801-B-50	Soil jar 2oz - clear glass				
SB-35-2.0	240-212801-C-50	Soil jar 4oz - clear glass				
SB-35-2 0	240-212801-D-50	Soil jar 4oz - clear glass				
SB-35-2 0	240-212801-E-50	Soil jar 4oz - clear glass				
SB-35-2 0	240-212801-F-50	Soil jar 4oz - clear glass				
SB-35-2 0	240-212801-G-50	Soil jar 4oz - clear glass				
TB-13-20241009	240-212801-A-51	Voa Vial 40ml - Hydrochloric Acid				
TB-14-20241009	240-212801-A-52	Voa Vial 40ml - Hydrochloric Acid				
TB-15-20241009	240-212801-A-53	Voa Vial 40ml - Hydrochloric Acid				
TB-16-20241009	240-212801-A-54	Voa Vial 40ml - Hydrochloric Acid				
EB-2-20241010	240-212801-A-55	Voa Vial 40ml - Hydrochloric Acid				
EB-2-20241010	240-212801-B-55	Voa Vial 40ml - Hydrochloric Acid				
EB-2-20241010	240-212801-C-55	Voa Vial 40ml - Hydrochloric Acid				
EB-2-20241010	240-212801-D-55	Plastic 250ml - with Sodium Hydroxide	>12			
EB-2-20241010	240-212801-E-55	Amber Glass 250ml - unpreserved				
EB-2-20241010	240-212801-F-55	Amber Glass 250ml - unpreserved				
EB-2-20241010	240-212801-G-55	Plastic 500ml - with Nitric Acid	<2			
EB-2-20241010	240-212801-H-55	Plastic 500ml - unpreserved				
EB-2-20241010	240-212801-I-55	Amber Glass 1 liter - unpreserved				
EB-2-20241010	240-212801-J-55	Amber Glass 1 liter - unpreserved				
EB-2-20241010	240-212801-L-55	Plastic 250ml - with Sodium Hydroxide				
RB-2-20241010	240-212801-A-56	Voa Vial 40ml - Hydrochloric Acid				
RB-2-20241010	240-212801-B-56	Voa Vial 40ml - Hydrochloric Acid				
RB-2-20241010	240-212801-C-56	Voa Vial 40ml - Hydrochloric Acid				
RB-2-20241010	240-212801-D-56	Plastic 250ml - with Sodium Hydroxide	>12			
RB-2-20241010	240-212801-E-56	Amber Glass 250ml - unpreserved				
RB-2-20241010	240-212801-F-56	Amber Glass 250ml - unpreserved				
RB-2-20241010	240-212801-G-56	Plastic 500ml - with Nitric Acid	<2			
RB-2-20241010	240-212801-H-56	Plastic 500ml - unpreserved				
RB-2-20241010	240-212801-I-56	Amber Glass 1 liter - unpreserved				

Client Sample ID	Lab ID	Container Type	Container pH	Container Temp	Preservation Added	Preservation Lot Number
RB-2-20241010	240-212801-J-56	Amber Glass 1 liter - unpreserved				
RB-2-20241010	240-212801-L-56	Plastic 250ml - with Sodium Hydroxide				

Eurofins Cleveland
180 S. Van Buren Avenue
Barberton, OH 44203
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Chain of Custody Record

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Client Information (Sub Contract Lab)	Sampler:	Lab PM: Kalis, Nicole A	Carrier Tracking No(s):	COC No: 240-191924.1
Client Contact: Shipping/Receiving	Phone:	E-Mail: Nicole.Kalis@et.eurofinsus.com	State of Origin: Ohio	Page: Page 1 of 7
Company: Eurofins Lancaster Laboratories Environm		Accreditations Required (See note):		Job #: 240-212801-1
Address: 2425 New Holland Pike, ,	Due Date Requested: 10/23/2024	Analysis Requested		Preservation Codes:
City: Lancaster	TAT Requested (days):			
State, Zip: PA, 17601				
Phone: 717-656-2300(Tel)	PO #:			
Email:	WO #:			
Project Name: MSC Canfield	Project #: 24033889			Other:
Site:	SSOW#:			

Sample Identification - Client ID (Lab ID)	Sample Date	Sample Time	Sample Type (C=comp, G=grab)	Matrix (W=water, S=solid, O=waste/oil, BT=Tissue, A=Air)	Field Filtered Sample (Yes or No)	Perform MS/MSD (Yes or No)	1677_Free/ASTM_LEACH_NP Cyanide, Free	7196A/3060A Chromium, Hexavalent	1677_Free/ Cyanide, Free	Total Number of containers	Special Instructions/Note:
			Preservation Code:								
SB-23-0 (240-212801-1)	10/8/24	09:45 Eastern	G	Solid			X	X		2	Use caution! Site contaminated with solvent waste
~~SB-23-0.5 (240-212801-2)~~	~~10/8/24~~	09:55 Eastern	G	~~Solid~~			X	X		2	Use caution! Site contaminated with solvent waste
SB-23-2.0 (240-212801-3)	10/8/24	10:10 Eastern	G	Solid			X	X		2	Use caution! Site contaminated with solvent waste
DUP-9-2024 1008 (240-212801-4)	10/8/24	Eastern	G	Solid			X	X		2	Use caution! Site contaminated with solvent waste
SB-24-0 (240-212801-5)	10/8/24	10:25 Eastern	G	Solid			X	X		2	Use caution! Site contaminated with solvent waste
SB-24-0.5 (240-212801-6)	10/8/24	10:35 Eastern	G	Solid			X	X		2	Use caution! Site contaminated with solvent waste
SB-24-2.0 (240-212801-7)	10/8/24	10:45 Eastern	G	Solid			X	X		2	Use caution! Site contaminated with solvent waste
SB-25-0 (240-212801-8)	10/8/24	11:35 Eastern	G	Solid			X	X		2	Use caution! Site contaminated with solvent waste
SB-25-0.5 (240-212801-9)	10/8/24	11:45 Eastern	G	Solid			X	X		2	Use caution! Site contaminated with solvent waste

Note: Since laboratory accreditations are subject to change, Eurofins Environment Testing North Central, LLC places the ownership of method, analyte & accreditation compliance upon our subcontract laboratories. This sample shipment is forwarded under chain-of-custody. If the laboratory does not currently maintain accreditation in the State of Origin listed above for analysis/tests/matrix being analyzed, the samples must be shipped back to the Eurofins Environment Testing North Central, LLC laboratory or other instructions will be provided. Any changes to accreditation status should be brought to Eurofins Environment Testing North Central, LLC attention immediately. If all requested accreditations are current to date, return the signed Chain of Custody attesting to said compliance to Eurofins Environment Testing North Central, LLC.

Possible Hazard Identification	Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)
Unconfirmed	☐ Return To Client ☐ Disposal By Lab ☐ Archive For _____ Months
Deliverable Requested: I, II, III, IV, Other (specify) Primary Deliverable Rank: 2	Special Instructions/QC Requirements:

Empty Kit Relinquished by:	Date:	Time:	Method of Shipment:

Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company
JESSICA RIGDON	10-10-24 1730	EETNC			
Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company
Relinquished by:	Date/Time:	Company	Received by:	Date/Time: 10/11/24 0945	Company

Custody Seals Intact: ∆ Yes ∆ No	Custody Seal No.:	Cooler Temperature(s) °C and Other Remarks: 2.3/2.0 3.0/2.7 2.8/2.5

Ver: 05/06/2024

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Chain of Custody Record

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Client Information (Sub Contract Lab)	Sampler:	Lab PM: Kalis, Nicole A	Carrier Tracking No(s):	COC No: 240-191924.2
Client Contact: Shipping/Receiving	Phone:	E-Mail: Nicole.Kalis@et.eurofinsus.com	State of Origin: Ohio	Page: Page 2 of 7
Company: Eurofins Lancaster Laboratories Environm		Accreditations Required (See note):		Job #: 240-212801-1
Address: 2425 New Holland Pike,	Due Date Requested: 10/23/2024	Analysis Requested		Preservation Codes:
City: Lancaster	TAT Requested (days):			
State, Zip: PA, 17601				
Phone: 717-656-2300(Tel)	PO #:			
Email:	WO #:			
Project Name: MSC Canfield	Project #: 24033889			Other:
Site:	SSOW#:			

Sample Identification - Client ID (Lab ID)	Sample Date	Sample Time	Sample Type (C=comp, G=grab)	Matrix (W=water, S=solid, O=waste/oil, BT=Tissue, A=Air)	Field Filtered Sample (Yes or No)	Perform MS/MSD (Yes or No)	1677_Free/ASTM_LEACH_NP Cyanide, Free	7196A/3060A Chromium, Hexavalent	1677_Free/ Cyanide, Free	Total Number of containers	Special Instructions/Note:
			Preservation Code:								
SB-25-2.0 (240-212801-10)	10/8/24	12:00 Eastern	G	Solid			X	X		2	Use caution! Site contaminated with solvent waste
~~SB-26-2.0 (240-212801-11)~~	~~10/8/24~~	12:30 Eastern	G	Solid			X	X		2	Use caution! Site contaminated with solvent waste
SB-26-0 (240-212801-12)	10/8/24	12:05 Eastern	G	Solid			X	X		1	Use caution! Site contaminated with solvent waste
SB-26-0.5 (240-212801-13)	10/8/24	12:15 Eastern	G	Solid			X	X		2	Use caution! Site contaminated with solvent waste
SB-27-0 (240-212801-14)	10/8/24	12:50 Eastern	G	Solid			X	X		2	Use caution! Site contaminated with solvent waste
SB-27-0 (240-212801-14MS)	10/8/24	12:50 Eastern	G	Solid			X			1	Use caution! Site contaminated with solvent waste
SB-27-0 (240-212801-14MSD)	10/8/24	12:50 Eastern	G	Solid			X			1	Use caution! Site contaminated with solvent waste
SB-27-0 (240-212801-14MSI)	10/8/24	12:50 Eastern	G	Solid				X		1	Use caution! Site contaminated with solvent waste
SB-27-0 (240-212801-14MSS)	10/8/24	12:50 Eastern	G	Solid				X		1	Use caution! Site contaminated with solvent waste

Note: Since laboratory accreditations are subject to change, Eurofins Environment Testing North Central, LLC places the ownership of method, analyte & accreditation compliance upon our subcontract laboratories. This sample shipment is forwarded under chain-of-custody. If the laboratory does not currently maintain accreditation in the State of Origin listed above for analysis/tests/matrix being analyzed, the samples must be shipped back to the Eurofins Environment Testing North Central, LLC laboratory or other instructions will be provided. Any changes to accreditation status should be brought to Eurofins Environment Testing North Central, LLC attention immediately. If all requested accreditations are current to date, return the signed Chain of Custody attesting to said compliance to Eurofins Environment Testing North Central, LLC.

Possible Hazard Identification	*Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)*
Unconfirmed	☐ *Return To Client* ☐ *Disposal By Lab* ☐ *Archive For* _____ *Months*
Deliverable Requested: I, II, III, IV, Other (specify) Primary Deliverable Rank: 2	Special Instructions/QC Requirements:

Empty Kit Relinquished by:	Date:	Time:	Method of Shipment:

Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company
JESSICA RIGDON	10-10-24 1730	EETNC			
Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company
Relinquished by:	Date/Time	Company	Received by:	Date/Time: 10/11/24 0945	Company

Custody Seals Intact: ∆ Yes ∆ No	Custody Seal No.:	Cooler Temperature(s) °C and Other Remarks: 2.3/2.0 3.0/2.7 2.8/2.5

Ver: 05/06/2024

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Chain of Custody Record

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Client Information (Sub Contract Lab)	Sampler:	Lab PM: Kalis, Nicole A	Carrier Tracking No(s):	COC No: 240-191924.3
Client Contact: Shipping/Receiving	Phone:	E-Mail: Nicole.Kalis@et.eurofinsus.com	State of Origin: Ohio	Page: Page 3 of 7
Company: Eurofins Lancaster Laboratories Environm		Accreditations Required (See note):		Job #: 240-212801-1
Address: 2425 New Holland Pike, ,	Due Date Requested: 10/23/2024	Analysis Requested		Preservation Codes: -
City: Lancaster	TAT Requested (days):			
State, Zip: PA, 17601				
Phone: 717-656-2300(Tel)	PO #:			
Email:	WO #:			
Project Name: MSC Canfield	Project #: 24033889			
Site:	SSOW#:			Other:

Sample Identification - Client ID (Lab ID)	Sample Date	Sample Time	Sample Type (C=comp, G=grab)	Matrix (W=water, S=solid, O=waste/oil, BT=Tissue, A=Air)	Field Filtered Sample (Yes or No)	Perform MS/MSD (Yes or No)	1677_Free/ASTM_LEACH_NP Cyanide, Free	7196A/3060A Chromium, Hexavalent	1677_Free/ Cyanide, Free	Total Number of containers	Special Instructions/Note:
			Preservation Code:								
SB-27-0.5 (240-212801-15)	10/8/24	13:05 Eastern	G	Solid			X	X		2	Use caution! Site contaminated with solvent waste
SB-27-2.0 (240-212801-16)	10/8/24	13:15 Eastern	G	Solid			X	X		2	Use caution! Site contaminated with solvent waste
SB-28-0 (240-212801-17)	10/8/24	14:05 Eastern	G	Solid			X	X		2	Use caution! Site contaminated with solvent waste
DUP-10-20241008 (240-212801-18)	10/8/24	Eastern	G	Solid			X	X		2	Use caution! Site contaminated with solvent waste
SB-28-0.5 (240-212801-19)	10/8/24	14:15 Eastern	G	Solid			X	X		2	Use caution! Site contaminated with solvent waste
SB-28-2.0 (240-212801-20)	10/8/24	14:30 Eastern	G	Solid			X	X		2	Use caution! Site contaminated with solvent waste
SB-29-0 (240-212801-21)	10/8/24	14:55 Eastern	G	Solid			X	X		2	Use caution! Site contaminated with solvent waste
SB-29-0.5 (240-212801-22)	10/8/24	15:10 Eastern	G	Solid			X	X		2	Use caution! Site contaminated with solvent waste
SB-29-2.0 (240-212801-23)	10/8/24	15:20 Eastern	G	Solid			X	X		2	Use caution! Site contaminated with solvent waste

Note: Since laboratory accreditations are subject to change, Eurofins Environment Testing North Central, LLC places the ownership of method, analyte & accreditation compliance upon our subcontract laboratories. This sample shipment is forwarded under chain-of-custody. If the laboratory does not currently maintain accreditation in the State of Origin listed above for analysis/tests/matrix being analyzed, the samples must be shipped back to the Eurofins Environment Testing North Central, LLC laboratory or other instructions will be provided. Any changes to accreditation status should be brought to Eurofins Environment Testing North Central, LLC attention immediately. If all requested accreditations are current to date, return the signed Chain of Custody attesting to said compliance to Eurofins Environment Testing North Central, LLC.

Possible Hazard Identification	*Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)*
Unconfirmed	☐ *Return To Client* ☐ *Disposal By Lab* ☐ *Archive For* _____ *Months*
Deliverable Requested: I, II, III, IV, Other (specify) Primary Deliverable Rank: 2	Special Instructions/QC Requirements:

Empty Kit Relinquished by:	Date:	Time:	Method of Shipment:

Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company
JESSICA RIGDON	10-10-24 1730	EETNC			
Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company
Relinquished by:	Date/Time:	Company	Received by:	Date/Time: 10/11/24 0945	Company

Custody Seals Intact: Δ Yes Δ No	Custody Seal No.:	Cooler Temperature(s) °C and Other Remarks: 2.3/2.0 3.0/2.7 2.8/2.5

Ver: 05/06/2024

Eurofins Cleveland
180 S. Van Buren Avenue
Barberton, OH 44203
Phone: 330-497-9396 Fax: 330-497-0772

Chain of Custody Record

eurofins | Environment Testing

Client Information (Sub Contract Lab)	Sampler:	Lab PM: Kalis, Nicole A	Carrier Tracking No(s):	COC No: 240-191924.4
Client Contact: Shipping/Receiving	Phone:	E-Mail: Nicole.Kalis@et.eurofinsus.com	State of Origin: Ohio	Page: Page 4 of 7
Company: Eurofins Lancaster Laboratories Environm		Accreditations Required (See note):		Job #: 240-212801-1
Address: 2425 New Holland Pike, ,	Due Date Requested: 10/23/2024	Analysis Requested		Preservation Codes: -
City: Lancaster	TAT Requested (days):			
State, Zip: PA, 17601				
Phone: 717-656-2300(Tel)	PO #:			
Email:	WO #:			
Project Name: MSC Canfield	Project #: 24033889			Other:
Site:	SSOW#:			

Sample Identification - Client ID (Lab ID)	Sample Date	Sample Time	Sample Type (C=Comp, G=grab)	Matrix (W=water, S=solid, O=waste/oil, BT=Tissue, A=Air)	Field Filtered Sample (Yes or No)	Perform MS/MSD (Yes or No)	1677_Free/ASTM_LEACH_NP Cyanide, Free	7196A/3060A Chromium, Hexavalent	1677_Free/ Cyanide, Free	Total Number of containers	Special Instructions/Note:
			Preservation Code:								
SB-34-0 (240-212801-24)	10/8/24	15:45 Eastern	G	Solid			X	X		2	Use caution! Site contaminated with solvent waste
~~SB-34-0.5 (240-212801-25)~~	~~10/8/24~~	15:50 Eastern	G	Solid			X	X		2	Use caution! Site contaminated with solvent waste
SB-34-2.0 (240-212801-26)	10/8/24	16:00 Eastern	G	Solid			X	X		2	Use caution! Site contaminated with solvent waste
SB-33-0 (240-212801-30)	10/9/24	09:10 Eastern	G	Solid			X	X		2	Use caution! Site contaminated with solvent waste
SB-33-0 (240-212801-30MS)	10/9/24	09:10 Eastern	G	Solid			X			2	Use caution! Site contaminated with solvent waste
SB-33-0 (240-212801-30MSD)	10/9/24	09:10 Eastern	G	Solid			X			2	Use caution! Site contaminated with solvent waste
SB-33-0 (240-212801-30MSI)	10/9/24	09:10 Eastern	G	Solid				X		1	Use caution! Site contaminated with solvent waste
SB-33-0 (240-212801-30MSS)	10/9/24	09:10 Eastern	G	Solid				X		1	Use caution! Site contaminated with solvent waste
SB-33-0.5 (240-212801-31)	10/9/24	09:20 Eastern	G	Solid			X	X		2	Use caution! Site contaminated with solvent waste

Note: Since laboratory accreditations are subject to change, Eurofins Environment Testing North Central, LLC places the ownership of method, analyte & accreditation compliance upon our subcontract laboratories. This sample shipment is forwarded under chain-of-custody. If the laboratory does not currently maintain accreditation in the State of Origin listed above for analysis/tests/matrix being analyzed, the samples must be shipped back to the Eurofins Environment Testing North Central, LLC laboratory or other instructions will be provided. Any changes to accreditation status should be brought to Eurofins Environment Testing North Central, LLC attention immediately. If all requested accreditations are current to date, return the signed Chain of Custody attesting to said compliance to Eurofins Environment Testing North Central, LLC.

Possible Hazard Identification	*Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)*
Unconfirmed	☐ *Return To Client* ☐ *Disposal By Lab* ☐ *Archive For* _____ *Months*
Deliverable Requested: I, II, III, IV, Other (specify) Primary Deliverable Rank: 2	Special Instructions/QC Requirements:

Empty Kit Relinquished by:	Date:	Time:	Method of Shipment:

Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company
JESSICA RIGDON	10-10-24 1730	EETNC			
Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company
Relinquished by:	Date/Time:	Company	Received by:	Date/Time: 10/11/24 0945	Company

Custody Seals Intact: ∆ Yes ∆ No	Custody Seal No.:	Cooler Temperature(s) °C and Other Remarks: 2.3/2.0 3.0/2.7 2.8/2.5

Ver: 05/06/2024

Eurofins Cleveland
180 S. Van Buren Avenue
Barberton, OH 44203
Phone: 330-497-9396 Fax: 330-497-0772

Chain of Custody Record

eurofins | Environment Testing

Client Information (Sub Contract Lab)	Sampler:	Lab PM: Kalis, Nicole A	Carrier Tracking No(s):	COC No: 240-191924.5
Client Contact: Shipping/Receiving	Phone:	E-Mail: Nicole.Kalis@et.eurofinsus.com	State of Origin: Ohio	Page: Page 5 of 7
Company: Eurofins Lancaster Laboratories Environm		Accreditations Required (See note):		Job #: 240-212801-1
Address: 2425 New Holland Pike, ,	Due Date Requested: 10/23/2024	Analysis Requested		Preservation Codes: -
City: Lancaster	TAT Requested (days):			
State, Zip: PA, 17601				
Phone: 717-656-2300(Tel)	PO #:			
Email:	WO #:			
Project Name: MSC Canfield	Project #: 24033889			Other:
Site:	SSOW#:			

Sample Identification - Client ID (Lab ID)	Sample Date	Sample Time	Sample Type (C=comp, G=grab)	Matrix (W=water, S=solid, O=waste/oil, BT=Tissue, A=Air)	Field Filtered Sample (Yes or No)	Perform MS/MSD (Yes or No)	1677_Free/ASTM_LEACH_NP Cyanide, Free	7196A/3060A Chromium, Hexavalent	1677_Free/ Cyanide, Free	Total Number of containers	Special Instructions/Note:
			Preservation Code:								
SB-33-2.0 (240-212801-32)	10/9/24	09:30 Eastern	G	Solid			X	X		2	Use caution! Site contaminated with solvent waste
DUP-11-20241009 (240-212801-33)	10/9/24	Eastern	G	Solid			X	X		2	Use caution! Site contaminated with solvent waste
SB-32-0 (240-212801-34)	10/9/24	09:50 Eastern	G	Solid			X	X		2	Use caution! Site contaminated with solvent waste
SB-32-0.5 (240-212801-35)	10/9/24	10:00 Eastern	G	Solid			X	X		2	Use caution! Site contaminated with solvent waste
SB-32-2.0 (240-212801-36)	10/9/24	10:15 Eastern	G	Solid			X	X		2	Use caution! Site contaminated with solvent waste
SB-31-0 (240-212801-37)	10/9/24	10:55 Eastern	G	Solid			X	X		2	Use caution! Site contaminated with solvent waste
DUP-12-20241009 (240-212801-38)	10/9/24	Eastern	G	Solid			X	X		2	Use caution! Site contaminated with solvent waste
SB-31-0.5 (240-212801-39)	10/9/24	11:05 Eastern	G	Solid			X	X		2	Use caution! Site contaminated with solvent waste
SB-31-2.0 (240-212801-40)	10/9/24	11:15 Eastern	G	Solid			X	X		2	Use caution! Site contaminated with solvent waste

Note: Since laboratory accreditations are subject to change, Eurofins Environment Testing North Central, LLC places the ownership of method, analyte & accreditation compliance upon our subcontract laboratories. This sample shipment is forwarded under chain-of-custody. If the laboratory does not currently maintain accreditation in the State of Origin listed above for analysis/tests/matrix being analyzed, the samples must be shipped back to the Eurofins Environment Testing North Central, LLC laboratory or other instructions will be provided. Any changes to accreditation status should be brought to Eurofins Environment Testing North Central, LLC attention immediately. If all requested accreditations are current to date, return the signed Chain of Custody attesting to said compliance to Eurofins Environment Testing North Central, LLC.

Possible Hazard Identification	*Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)*
Unconfirmed	☐ *Return To Client* ☐ *Disposal By Lab* ☐ *Archive For* _____ *Months*
Deliverable Requested: I, II, III, IV, Other (specify) Primary Deliverable Rank: 2	Special Instructions/QC Requirements:

Empty Kit Relinquished by:	Date:	Time:	Method of Shipment:

Relinquished by:	Date/Time	Company	Received by:	Date/Time:	Company
JESSICA RIGDON	10-10-24 1730	EETNC			
Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company
Relinquished by:	Date/Time:	Company	Received by:	Date/Time: 10/11/24 0945	Company NC

Custody Seals Intact: Δ Yes Δ No	Custody Seal No.:	Cooler Temperature(s) °C and Other Remarks: 2.3/2.0 3.0/2.7 2.8/2.5

Ver: 05/06/2024

Eurofins Cleveland
180 S. Van Buren Avenue
Barberton, OH 44203
Phone: 330-497-9396 Fax: 330-497-0772

Chain of Custody Record

eurofins | Environment Testing

Client Information (Sub Contract Lab)	Sampler:	Lab PM: Kalis, Nicole A	Carrier Tracking No(s):	COC No: 240-191924.6
Client Contact: Shipping/Receiving	Phone:	E-Mail: Nicole.Kalis@et.eurofinsus.com	State of Origin: Ohio	Page: Page 6 of 7
Company: Eurofins Lancaster Laboratories Environm		Accreditations Required (See note):		Job #: 240-212801-1
Address: 2425 New Holland Pike,	Due Date Requested: 10/23/2024			Preservation Codes: -
City: Lancaster	TAT Requested (days):			
State, Zip: PA, 17601				
Phone: 717-656-2300(Tel)	PO #:			
Email:	WO #:			
Project Name: MSC Canfield	Project #: 24033889			
Site:	SSOW#:			Other:

Analysis Requested

Sample Identification - Client ID (Lab ID)	Sample Date	Sample Time	Sample Type (C=comp, G=grab)	Matrix (W=water, S=solid, O=waste/oil, BT=Tissue, A=Air)	Field Filtered Sample (Yes or No)	Perform MS/MSD (Yes or No)	1677_Free/ASTM_LEACH_NP Cyanide, Free	7196A/3060A Chromium, Hexavalent	1677_Free Cyanide, Free	Total Number of containers	Special Instructions/Note:
			Preservation Code:								
SB-30-0 (240-212801-41)	10/9/24	12:30 Eastern	G	Solid			X	X		2	Use caution! Site contaminated with solvent waste
SB-30-0 (240-212801-41MS)	10/9/24	12:30 Eastern	G	Solid			X			2	Use caution! Site contaminated with solvent waste
SB-30-0 (240-212801-41MSD)	10/9/24	12:30 Eastern	G	Solid			X			2	Use caution! Site contaminated with solvent waste
SB-30-0 (240-212801-41MSI)	10/9/24	12:30 Eastern	G	Solid				X		1	Use caution! Site contaminated with solvent waste
SB-30-0 (240-212801-41MSS)	10/9/24	12:30 Eastern	G	Solid				X		1	Use caution! Site contaminated with solvent waste
SB-30-0.5 (240-212801-42)	10/9/24	12:45 Eastern	G	Solid			X	X		2	Use caution! Site contaminated with solvent waste
DUP-13-20241009 (240-212801-43)	10/9/24	Eastern	G	Solid			X	X		2	Use caution! Site contaminated with solvent waste
SB-30-2.0 (240-212801-44)	10/9/24	13:05 Eastern	G	Solid			X	X		2	Use caution! Site contaminated with solvent waste
SB-36-0 (240-212801-45)	10/9/24	13:45 Eastern	G	Solid			X	X		2	Use caution! Site contaminated with solvent waste

Note: Since laboratory accreditations are subject to change, Eurofins Environment Testing North Central, LLC places the ownership of method, analyte & accreditation compliance upon our subcontract laboratories. This sample shipment is forwarded under chain-of-custody. If the laboratory does not currently maintain accreditation in the State of Origin listed above for analysis/tests/matrix being analyzed, the samples must be shipped back to the Eurofins Environment Testing North Central, LLC laboratory or other instructions will be provided. Any changes to accreditation status should be brought to Eurofins Environment Testing North Central, LLC attention immediately. If all requested accreditations are current to date, return the signed Chain of Custody attesting to said compliance to Eurofins Environment Testing North Central, LLC.

Possible Hazard Identification	Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)
Unconfirmed	☐ Return To Client ☐ Disposal By Lab ☐ Archive For _____ Months
Deliverable Requested: I, II, III, IV, Other (specify) Primary Deliverable Rank: 2	Special Instructions/QC Requirements:

Empty Kit Relinquished by:	Date:	Time:	Method of Shipment:

Relinquished by	Date/Time	Company	Received by	Date/Time	Company
JESSICA RIGDON	10-10-24 1730	ET NC			
Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company
Relinquished by:	Date/Time:	Company	Received by:	Date/Time: 10/11/24 0945	Company

Custody Seals Intact: ☐ Yes ☐ No | Custody Seal No.:

Cooler Temperature(s) °C and Other Remarks: 2.3/2.0 3.0/2.7 2.8/2.5

Ver: 05/06/2024

Eurofins Cleveland
180 S. Van Buren Avenue
Barberton, OH 44203
Phone: 330-497-9396 Fax: 330-497-0772

Chain of Custody Record

eurofins | Environment Testing

Client Information (Sub Contract Lab)	Sampler:	Lab PM: Kalis, Nicole A	Carrier Tracking No(s):	COC No: 240-191924.7
Client Contact: Shipping/Receiving	Phone:	E-Mail: Nicole.Kalis@et.eurofinsus.com	State of Origin: Ohio	Page: Page 7 of 7
Company: Eurofins Lancaster Laboratories Environm		Accreditations Required (See note):		Job #: 240-212801-1
Address: 2425 New Holland Pike,	Due Date Requested: 10/23/2024			Preservation Codes:
City: Lancaster	TAT Requested (days):			
State, Zip: PA, 17601				
Phone: 717-656-2300(Tel)	PO #:			
Email:	WO #:			
Project Name: MSC Canfield	Project #: 24033889			
Site:	SSOW#:			Other:

Analysis Requested

Sample Identification - Client ID (Lab ID)	Sample Date	Sample Time	Sample Type (C=comp, G=grab)	Matrix (W=water, S=solid, O=waste/oil, BT=Tissue, A=Air)	Field Filtered Sample (Yes or No)	Perform MS/MSD (Yes or No)	1677_Free/ASTM_LEACH_NP Cyanide, Free	7196A/3060A Chromium, Hexavalent	1677_Free/ Cyanide, Free	Total Number of containers	Special Instructions/Note:
			Preservation Code								
SB-36-0.5 (240-212801-46)	10/9/24	13:55 Eastern	G	Solid			X	X		2	Use caution! Site contaminated with solvent waste
SB-36-2.0 (240-212801-47)	10/9/24	14:05 Eastern	G	Solid			X	X		2	Use caution! Site contaminated with solvent waste
SB-35-0 (240-212801-48)	10/9/24	14:30 Eastern	G	Solid			X	X		2	Use caution! Site contaminated with solvent waste
SB-35-0.5 (240-212801-49)	10/9/24	14:35 Eastern	G	Solid			X	X		2	Use caution! Site contaminated with solvent waste
SB-35-2.0 (240-212801-50)	10/9/24	14:45 Eastern	G	Solid			X	X		2	Use caution! Site contaminated with solvent waste
EB-2-20241010 (240-212801-55)	10/10/24	12:25 Eastern	G	Water					X	1	Use caution! Site contaminated with solvent waste
RB-2-20241010 (240-212801-56)	10/10/24	11:48 Eastern	G	Water					X	1	Use caution! Site contaminated with solvent waste

Note: Since laboratory accreditations are subject to change, Eurofins Environment Testing North Central, LLC places the ownership of method, analyte & accreditation compliance upon our subcontract laboratories. This sample shipment is forwarded under chain-of-custody. If the laboratory does not currently maintain accreditation in the State of Origin listed above for analysis/tests/matrix being analyzed, the samples must be shipped back to the Eurofins Environment Testing North Central, LLC laboratory or other instructions will be provided. Any changes to accreditation status should be brought to Eurofins Environment Testing North Central, LLC attention immediately. If all requested accreditations are current to date, return the signed Chain of Custody attesting to said compliance to Eurofins Environment Testing North Central, LLC.

Possible Hazard Identification	*Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)*
Unconfirmed	☐ *Return To Client* ☐ *Disposal By Lab* ☐ *Archive For* _____ *Months*
Deliverable Requested: I, II, III, IV, Other (specify) Primary Deliverable Rank: 2	Special Instructions/QC Requirements:

Empty Kit Relinquished by:	Date:	Time:	Method of Shipment:

Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company
JESSICA RIGDON	101024 1730	EETNC			
Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company
Relinquished by:	Date/Time:	Company	Received by:	Date/Time: 10/11/24 0945	Company

Custody Seals Intact: ∆ Yes ∆ No	Custody Seal No.:	Cooler Temperature(s) °C and Other Remarks: 2.3/2.0 3.0/2.7 2.8/2.5

Ver: 05/06/2024

Login Sample Receipt Checklist

Client: August Mack Environmental, Inc.

Job Number: 240-212801-2

Login Number: 212801
List Number: 2
Creator: McCaskey, Jonathan

List Source: Eurofins Lancaster Laboratories Environment Testing, LLC
List Creation: 10/12/24 02:33 PM

Question	Answer	Comment
The cooler's custody seal is intact.	N/A	
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	True	
Cooler Temperature acceptable,where thermal pres is required(</=6C, not frozen).	True	
Cooler Temperature is recorded.	True	
WV:Container Temp acceptable,where thermal pres is required (</=6C, not frozen).	N/A	
WV: Container Temperature is recorded.	N/A	
COC is present.	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information.	True	
There are no discrepancies between the containers received and the COC.	True	
Sample containers have legible labels.	True	
Containers are not broken or leaking.	True	
Sample collection date/times are provided.	True	
Appropriate sample containers are used.	True	
Sample bottles are completely filled.	True	
There is sufficient vol. for all requested analyses.	True	
Is the Field Sampler's name present on COC?	False	Received project as a subcontract.
Sample custody seals are intact.	N/A	
VOA sample vials do not have headspace >6mm in diameter (none, if from WV)?	N/A	

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ANALYTICAL REPORT

PREPARED FOR

Attn: Kain Lager-Lowe
August Mack Environmental, Inc.
7830 North Central Drive, Suite B
Lewis Center, Ohio 43035

Generated 10/29/2024 2:32:16 PM

JOB DESCRIPTION

MSC Canfield

JOB NUMBER

240-213112-1

Eurofins Cleveland
180 S. Van Buren Avenue
Barberton OH 44203

See page two for job notes and contact information.

my EOL

Job Notes

This report may not be reproduced except in full, and with written approval from the laboratory. The results relate only to the samples tested. For questions please contact the Project Manager at the e-mail address or telephone number listed on this page.

The test results in this report relate only to the samples as received by the laboratory and will meet all requirements of the methodology, with any exceptions noted. This report shall not be reproduced except in full, without the express written approval of the laboratory. All questions should be directed to the Eurofins Environment Testing North Central, LLC Project Manager.

Authorization



Generated
10/29/2024 2:32:16 PM

Authorized for release by
Nicole Kalis, Project Manager I
Nicole.Kalis@et.eurofinsus.com
(330)497-9396

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Definitions/Glossary

Client: August Mack Environmental, Inc. Job ID: 240-213112-1
Project/Site: MSC Canfield

Qualifiers

GC/MS VOA

Qualifier	Qualifier Description
*+	LCS and/or LCSD is outside acceptance limits, high biased.
B	Compound was found in the blank and sample.
J	Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.

GC/MS Semi VOA

Qualifier	Qualifier Description
J	Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.

Metals

Qualifier	Qualifier Description
B	Compound was found in the blank and sample.
J	Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.

General Chemistry

Qualifier	Qualifier Description
J	Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.

Glossary

Abbreviation	These commonly used abbreviations may or may not be present in this report.
☼	Listed under the "D" column to designate that the result is reported on a dry weight basis
%R	Percent Recovery
CFL	Contains Free Liquid
CFU	Colony Forming Unit
CNF	Contains No Free Liquid
DER	Duplicate Error Ratio (normalized absolute difference)
Dil Fac	Dilution Factor
DL	Detection Limit (DoD/DOE)
DL, RA, RE, IN	Indicates a Dilution, Re-analysis, Re-extraction, or additional Initial metals/anion analysis of the sample
DLC	Decision Level Concentration (Radiochemistry)
EDL	Estimated Detection Limit (Dioxin)
LOD	Limit of Detection (DoD/DOE)
LOQ	Limit of Quantitation (DoD/DOE)
MCL	EPA recommended "Maximum Contaminant Level"
MDA	Minimum Detectable Activity (Radiochemistry)
MDC	Minimum Detectable Concentration (Radiochemistry)
MDL	Method Detection Limit
ML	Minimum Level (Dioxin)
MPN	Most Probable Number
MQL	Method Quantitation Limit
NC	Not Calculated
ND	Not Detected at the reporting limit (or MDL or EDL if shown)
NEG	Negative / Absent
POS	Positive / Present
PQL	Practical Quantitation Limit
PRES	Presumptive
QC	Quality Control
RER	Relative Error Ratio (Radiochemistry)
RL	Reporting Limit or Requested Limit (Radiochemistry)
RPD	Relative Percent Difference, a measure of the relative difference between two points
TEF	Toxicity Equivalent Factor (Dioxin)
TEQ	Toxicity Equivalent Quotient (Dioxin)
TNTC	Too Numerous To Count

Job ID: 240-213112-1 Eurofins Cleveland

Job Narrative
240-213112-1

Analytical test results meet all requirements of the associated regulatory program listed on the Accreditation/Certification Summary Page unless otherwise noted under the individual analysis. Data qualifiers and/or narrative comments are included to explain any exceptions, if applicable.

- Matrix QC may not be reported if insufficient sample is provided or site-specific QC samples were not submitted. In these situations, to demonstrate precision and accuracy at a batch level, a LCS/LCSD may be performed, unless otherwise specified in the method.
- Surrogate and/or isotope dilution analyte recoveries (if applicable) which are outside of the QC window are confirmed unless attributed to a dilution or otherwise noted in the narrative.

Regulated compliance samples (e.g. SDWA, NPDES) must comply with the associated agency requirements/permits.

Receipt
The samples were received on 10/15/2024 4:11 PM. Unless otherwise noted below, the samples arrived in good condition, and, where required, properly preserved and on ice. The temperature of the cooler at receipt time was 9.8°C.

GC/MS VOA
Method 8260D: The laboratory control sample (LCS) and / or laboratory control sample duplicate (LCSD) for analytical batch 240-631183 recovered outside control limits for the following analytes: Chloromethane and Isopropylbenzene. These analytes were biased high in the LCS and were not detected in the associated samples; therefore, the data have been reported.

Method 8260D: The method blank for analytical batch 240-631183 contained Chloromethane above the method detection limit. This target analyte concentration was less than the reporting limit (RL) in the method blank; therefore, re-extraction and/or re-analysis of samples was not performed.

Method 8260D: The continuing calibration verification (CCV) associated with batch 240-631183 recovered above the upper control limit for Chloroethane, Chloromethane, Cyclohexane, Dichlorodifluoromethane and Methylcyclohexane. The samples associated with this CCV were non-detects for the affected analytes; therefore, the data have been reported. The associated samples are impacted: SB-15-GW-6-16 (240-213112-1), TB-3-20241015 (240-213112-2) and (240-212866-B-1).

Method 8260D: The continuing calibration verification (CCV) analyzed in batch 240-631183 was outside the method criteria for the following analyte(s): Dichlorobromomethane, Bromoform and Chlorodibromomethane. A CCV standard at or below the reporting limit (RL) was analyzed with the affected samples and found to be acceptable. As indicated in the reference method, sample analysis may proceed; however, any detection for the affected analyte(s) is considered estimated.

Method 8260D: MS/MSD not being reported with batch due to surrogate failure.

No additional analytical or quality issues were noted, other than those described above or in the Definitions/ Glossary page.

GC/MS Semi VOA
Method 8270E: Insufficient sample volume was available to perform a matrix spike/matrix spike duplicate (MS/MSD) associated with preparation batch 240-630999.

Method 8270E: The continuing calibration verification (CCV) associated with batch 240-631180 recovered outside acceptance criteria, low biased, for 2,2-oxybis[1-chloropropane] and Benzaldehyde. A reporting limit (RL) standard was analyzed, and the target analytes were detected. Since these analytes were not detected above the reporting limit in the associated samples, the data were reported. Sample SB-15-GW-6-16 (240-213112-1) were impacted.

No additional analytical or quality issues were noted, other than those described above or in the Definitions/ Glossary page.

PCBs
Method 8082A: Insufficient sample volume was available to perform a matrix spike/matrix spike duplicate (MS/MSD) associated with preparation batch 240-631000.

Method 8082A: The Aroclors in the continuing calibration verification (CCV) met criteria; however, the Decachlorobiphenyl surrogate failed to meet criteria at 27.3%. Surrogate recoveries for all samples were within control limits. After careful evaluation the data is reported.

(CCVIS 240-631217/9)

Method 8082A: The Aroclors in the continuing calibration verification (CCV) met criteria; however, the Decachlorobiphenyl surrogate failed to meet criteria at 31.9%. Surrogate recoveries for all samples were within control limits. After careful evaluation the data is reported.

(CCVIS 240-631217/28)

Method 8082A: The following samples required a tetrabutylammonium sulfite (TBA) clean-up to reduce matrix interferences caused by sulfur: SB-15-GW-6-16 (240-213112-1).

No additional analytical or quality issues were noted, other than those described above or in the Definitions/ Glossary page.

Metals
No additional analytical or quality issues were noted, other than those described above or in the Definitions/ Glossary page.

General Chemistry
Method 7196A: The following samples were diluted due to the nature of the sample matrix: SB-15-GW-6-16 (240-213112-1), (240-213112-H-1 MS) and (240-213112-H-1 MSD). Elevated reporting limits (RLs) are provided.

Method 7196A - Dissolved: The following samples were diluted due to the nature of the sample matrix: SB-15-GW-6-16 (240-213112-1), (240-213112-H-1 MS) and (240-213112-H-1 MSD). Elevated reporting limits (RLs) are provided.

No additional analytical or quality issues were noted, other than those described above or in the Definitions/ Glossary page.

Method Summary

Client: August Mack Environmental, Inc.
Project/Site: MSC Canfield

Job ID: 240-213112-1

Method	Method Description	Protocol	Laboratory
8260D	Volatile Organic Compounds by GC/MS	SW846	EET CLE
8270E	Semivolatile Organic Compounds (GC/MS)	SW846	EET CLE
8082A	Polychlorinated Biphenyls (PCBs) by Gas Chromatography	SW846	EET CLE
6010D	Metals (ICP)	SW846	EET CLE
7470A	Mercury (CVAA)	SW846	EET CLE
7196A	Chromium, Hexavalent	SW846	EET CLE
9012B	Cyanide, Total andor Amenable	SW846	EET CLE
OIA-1677	Cyanide, Free (Flow Injection)	OI CORP	ELLE
3005A	Preparation, Total Recoverable or Dissolved Metals	SW846	EET CLE
3510C	Liquid-Liquid Extraction (Separatory Funnel)	SW846	EET CLE
3510C LVI	Liquid-Liquid Extraction (Separatory Funnel) LVI	SW846	EET CLE
5030C	Purge and Trap	SW846	EET CLE
7470A	Preparation, Mercury	SW846	EET CLE
9012B	Cyanide, Total and/or Amenable, Distillation	SW846	EET CLE

Protocol References:

OI CORP = OI Corporation Instrument Manual.

SW846 = "Test Methods For Evaluating Solid Waste, Physical/Chemical Methods", Third Edition, November 1986 And Its Updates.

Laboratory References:

EET CLE = Eurofins Cleveland, 180 S. Van Buren Avenue, Barberton, OH 44203, TEL (330)497-9396

ELLE = Eurofins Lancaster Laboratories Environment Testing, LLC, 2425 New Holland Pike, Lancaster, PA 17601, TEL (717)656-2300

Sample Summary

Client: August Mack Environmental, Inc.
Project/Site: MSC Canfield

Job ID: 240-213112-1

Lab Sample ID	Client Sample ID	Matrix	Collected	Received
240-213112-1	SB-15-GW-6-16	Water	10/15/24 09:30	10/15/24 16:11
240-213112-2	TB-3-20241015	Water	10/15/24 09:30	10/15/24 16:11

Detection Summary

Client: August Mack Environmental, Inc.
Project/Site: MSC Canfield

Job ID: 240-213112-1

Client Sample ID: SB-15-GW-6-16

Lab Sample ID: 240-213112-1

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
2-Butanone (MEK)	1.9	J	10	1.2	ug/L	1		8260D	Total/NA
Acetone	12		10	5.4	ug/L	1		8260D	Total/NA
2-Methylnaphthalene	0.18	J	0.19	0.11	ug/L	1		8270E	Total/NA
Anthracene	0.13	J	0.19	0.13	ug/L	1		8270E	Total/NA
Benzo[a]anthracene	0.25		0.19	0.065	ug/L	1		8270E	Total/NA
Benzo[a]pyrene	0.19		0.19	0.17	ug/L	1		8270E	Total/NA
Benzo[b]fluoranthene	0.26		0.19	0.15	ug/L	1		8270E	Total/NA
Chrysene	0.24		0.19	0.063	ug/L	1		8270E	Total/NA
Fluoranthene	0.57		0.19	0.15	ug/L	1		8270E	Total/NA
Naphthalene	0.21		0.19	0.10	ug/L	1		8270E	Total/NA
Phenanthrene	0.43		0.19	0.077	ug/L	1		8270E	Total/NA
Pyrene	0.40		0.19	0.080	ug/L	1		8270E	Total/NA
Arsenic	29		15	4.1	ug/L	1		6010D	Total Recoverable
Barium	140	J	200	1.3	ug/L	1		6010D	Total Recoverable
Chromium	29		10	0.76	ug/L	1		6010D	Total Recoverable
Copper	36		25	3.5	ug/L	1		6010D	Total Recoverable
Lead	18		10	2.8	ug/L	1		6010D	Total Recoverable
Selenium	7.3	J	20	6.0	ug/L	1		6010D	Total Recoverable
Zinc	130		50	23	ug/L	1		6010D	Total Recoverable
Arsenic	28		15	4.1	ug/L	1		6010D	Dissolved
Barium	130	J B	200	1.3	ug/L	1		6010D	Dissolved
Chromium	29		10	0.76	ug/L	1		6010D	Dissolved
Copper	34		25	3.5	ug/L	1		6010D	Dissolved
Lead	18		10	2.8	ug/L	1		6010D	Dissolved
Selenium	6.9	J	20	6.0	ug/L	1		6010D	Dissolved
Zinc	120		50	23	ug/L	1		6010D	Dissolved
Cyanide, Total	0.060		0.010	0.0060	mg/L	1		9012B	Total/NA
Cyanide, Free	0.0089		0.0060	0.0050	mg/L	1		OIA-1677	Total/NA
Chromium, hexavalent	0.14	J	0.20	0.070	mg/L	10		7196A	Dissolved

Client Sample ID: TB-3-20241015

Lab Sample ID: 240-213112-2

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Chloromethane	0.70	J *+ B	1.0	0.63	ug/L	1		8260D	Total/NA

This Detection Summary does not include radiochemical test results.

Client: August Mack Environmental, Inc.
Project/Site: MSC Canfield

Job ID: 240-213112-1

Client Sample ID: SB-15-GW-6-16
Date Collected: 10/15/24 09:30
Date Received: 10/15/24 16:11

Lab Sample ID: 240-213112-1
Matrix: Water

Method: SW846 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		1.0	0.48	ug/L			10/17/24 17:42	1
1,1,2,2-Tetrachloroethane	ND		1.0	0.60	ug/L			10/17/24 17:42	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		1.0	0.41	ug/L			10/17/24 17:42	1
1,1,2-Trichloroethane	ND		1.0	0.48	ug/L			10/17/24 17:42	1
1,1-Dichloroethane	ND		1.0	0.47	ug/L			10/17/24 17:42	1
1,1-Dichloroethene	ND		1.0	0.49	ug/L			10/17/24 17:42	1
1,2,4-Trichlorobenzene	ND		1.0	0.77	ug/L			10/17/24 17:42	1
1,2-Dibromo-3-Chloropropane	ND		2.0	0.91	ug/L			10/17/24 17:42	1
Ethylene Dibromide	ND		1.0	0.41	ug/L			10/17/24 17:42	1
1,2-Dichlorobenzene	ND		1.0	0.48	ug/L			10/17/24 17:42	1
1,2-Dichloroethane	ND		1.0	0.46	ug/L			10/17/24 17:42	1
1,2-Dichloropropane	ND		1.0	0.47	ug/L			10/17/24 17:42	1
1,3-Dichlorobenzene	ND		1.0	0.45	ug/L			10/17/24 17:42	1
1,4-Dichlorobenzene	ND		1.0	0.41	ug/L			10/17/24 17:42	1
2-Butanone (MEK)	**1.9**	**J**	10	1.2	ug/L			10/17/24 17:42	1
2-Hexanone	ND		10	1.1	ug/L			10/17/24 17:42	1
4-Methyl-2-pentanone (MIBK)	ND		10	0.99	ug/L			10/17/24 17:42	1
Acetone	**12**		10	5.4	ug/L			10/17/24 17:42	1
Benzene	ND		1.0	0.42	ug/L			10/17/24 17:42	1
Dichlorobromomethane	ND		1.0	0.38	ug/L			10/17/24 17:42	1
Bromoform	ND		1.0	0.76	ug/L			10/17/24 17:42	1
Bromomethane	ND		1.0	0.42	ug/L			10/17/24 17:42	1
Carbon disulfide	ND		1.0	0.59	ug/L			10/17/24 17:42	1
Carbon tetrachloride	ND		1.0	0.26	ug/L			10/17/24 17:42	1
Chlorobenzene	ND		1.0	0.38	ug/L			10/17/24 17:42	1
Chloroethane	ND		1.0	0.83	ug/L			10/17/24 17:42	1
Chloroform	ND		1.0	0.47	ug/L			10/17/24 17:42	1
Chloromethane	ND	*+	1.0	0.63	ug/L			10/17/24 17:42	1
cis-1,2-Dichloroethene	ND		1.0	0.46	ug/L			10/17/24 17:42	1
cis-1,3-Dichloropropene	ND		1.0	0.61	ug/L			10/17/24 17:42	1
Cyclohexane	ND		1.0	0.48	ug/L			10/17/24 17:42	1
Chlorodibromomethane	ND		1.0	0.39	ug/L			10/17/24 17:42	1
Dichlorodifluoromethane	ND		1.0	0.35	ug/L			10/17/24 17:42	1
Ethylbenzene	ND		1.0	0.42	ug/L			10/17/24 17:42	1
Isopropylbenzene	ND	*+	1.0	0.49	ug/L			10/17/24 17:42	1
Methyl acetate	ND		10	1.7	ug/L			10/17/24 17:42	1
Methyl tert-butyl ether	ND		1.0	0.47	ug/L			10/17/24 17:42	1
Methylcyclohexane	ND		1.0	0.33	ug/L			10/17/24 17:42	1
Methylene Chloride	ND		5.0	2.6	ug/L			10/17/24 17:42	1
Styrene	ND		1.0	0.45	ug/L			10/17/24 17:42	1
Tetrachloroethene	ND		1.0	0.44	ug/L			10/17/24 17:42	1
Toluene	ND		1.0	0.44	ug/L			10/17/24 17:42	1
trans-1,2-Dichloroethene	ND		1.0	0.51	ug/L			10/17/24 17:42	1
trans-1,3-Dichloropropene	ND		1.0	0.67	ug/L			10/17/24 17:42	1
Trichloroethene	ND		1.0	0.44	ug/L			10/17/24 17:42	1
Trichlorofluoromethane	ND		1.0	0.45	ug/L			10/17/24 17:42	1
Vinyl chloride	ND		1.0	0.45	ug/L			10/17/24 17:42	1
Xylenes, Total	ND		2.0	0.42	ug/L			10/17/24 17:42	1

Client: August Mack Environmental, Inc.
Project/Site: MSC Canfield

Job ID: 240-213112-1

Client Sample ID: SB-15-GW-6-16
Date Collected: 10/15/24 09:30
Date Received: 10/15/24 16:11

Lab Sample ID: 240-213112-1
Matrix: Water

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Toluene-d8 (Surr)	*94*		*78 - 122*		*10/17/24 17:42*	*1*
Dibromofluoromethane (Surr)	*86*		*73 - 120*		*10/17/24 17:42*	*1*
4-Bromofluorobenzene (Surr)	*89*		*56 - 136*		*10/17/24 17:42*	*1*
1,2-Dichloroethane-d4 (Surr)	*108*		*62 - 137*		*10/17/24 17:42*	*1*

Method: SW846 8270E - Semivolatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1'-Biphenyl	ND		0.96	0.47	ug/L		10/16/24 08:24	10/17/24 13:01	1
bis (2-chloroisopropyl) ether	ND		0.96	0.23	ug/L		10/16/24 08:24	10/17/24 13:01	1
2,4,5-Trichlorophenol	ND		4.8	1.9	ug/L		10/16/24 08:24	10/17/24 13:01	1
2,4,6-Trichlorophenol	ND		4.8	1.7	ug/L		10/16/24 08:24	10/17/24 13:01	1
2,4-Dichlorophenol	ND		1.9	0.25	ug/L		10/16/24 08:24	10/17/24 13:01	1
2,4-Dimethylphenol	ND		1.9	0.24	ug/L		10/16/24 08:24	10/17/24 13:01	1
2,4-Dinitrophenol	ND		9.6	2.5	ug/L		10/16/24 08:24	10/17/24 13:01	1
2,4-Dinitrotoluene	ND		4.8	2.0	ug/L		10/16/24 08:24	10/17/24 13:01	1
2,6-Dinitrotoluene	ND		4.8	1.0	ug/L		10/16/24 08:24	10/17/24 13:01	1
2-Chloronaphthalene	ND		0.96	0.22	ug/L		10/16/24 08:24	10/17/24 13:01	1
2-Chlorophenol	ND		0.96	0.26	ug/L		10/16/24 08:24	10/17/24 13:01	1
2-Methylnaphthalene	**0.18**	**J**	0.19	0.11	ug/L		10/16/24 08:24	10/17/24 13:01	1
2-Methylphenol	ND		0.96	0.20	ug/L		10/16/24 08:24	10/17/24 13:01	1
2-Nitroaniline	ND		1.9	0.49	ug/L		10/16/24 08:24	10/17/24 13:01	1
2-Nitrophenol	ND		1.9	0.54	ug/L		10/16/24 08:24	10/17/24 13:01	1
3,3'-Dichlorobenzidine	ND		4.8	1.1	ug/L		10/16/24 08:24	10/17/24 13:01	1
3-Nitroaniline	ND		1.9	0.54	ug/L		10/16/24 08:24	10/17/24 13:01	1
4,6-Dinitro-2-methylphenol	ND		4.8	2.7	ug/L		10/16/24 08:24	10/17/24 13:01	1
4-Bromophenyl phenyl ether	ND		1.9	0.48	ug/L		10/16/24 08:24	10/17/24 13:01	1
4-Chloro-3-methylphenol	ND		1.9	0.28	ug/L		10/16/24 08:24	10/17/24 13:01	1
4-Chloroaniline	ND		1.9	0.30	ug/L		10/16/24 08:24	10/17/24 13:01	1
4-Chlorophenyl phenyl ether	ND		1.9	0.53	ug/L		10/16/24 08:24	10/17/24 13:01	1
4-Nitroaniline	ND		1.9	0.31	ug/L		10/16/24 08:24	10/17/24 13:01	1
4-Nitrophenol	ND		9.6	2.1	ug/L		10/16/24 08:24	10/17/24 13:01	1
Acenaphthene	ND		0.19	0.17	ug/L		10/16/24 08:24	10/17/24 13:01	1
Acenaphthylene	ND		0.19	0.12	ug/L		10/16/24 08:24	10/17/24 13:01	1
Acetophenone	ND		0.96	0.35	ug/L		10/16/24 08:24	10/17/24 13:01	1
Anthracene	**0.13**	**J**	0.19	0.13	ug/L		10/16/24 08:24	10/17/24 13:01	1
Atrazine	ND		1.9	0.92	ug/L		10/16/24 08:24	10/17/24 13:01	1
Benzaldehyde	ND		1.9	0.73	ug/L		10/16/24 08:24	10/17/24 13:01	1
Benzo[a]anthracene	**0.25**		0.19	0.065	ug/L		10/16/24 08:24	10/17/24 13:01	1
Benzo[a]pyrene	**0.19**		0.19	0.17	ug/L		10/16/24 08:24	10/17/24 13:01	1
Benzo[b]fluoranthene	**0.26**		0.19	0.15	ug/L		10/16/24 08:24	10/17/24 13:01	1
Benzo[g,h,i]perylene	ND		0.19	0.17	ug/L		10/16/24 08:24	10/17/24 13:01	1
Benzo[k]fluoranthene	ND		0.19	0.13	ug/L		10/16/24 08:24	10/17/24 13:01	1
Bis(2-chloroethoxy)methane	ND		0.96	0.21	ug/L		10/16/24 08:24	10/17/24 13:01	1
Bis(2-chloroethyl)ether	ND		0.96	0.39	ug/L		10/16/24 08:24	10/17/24 13:01	1
Bis(2-ethylhexyl) phthalate	ND		4.8	2.1	ug/L		10/16/24 08:24	10/17/24 13:01	1
Butyl benzyl phthalate	ND		1.9	0.64	ug/L		10/16/24 08:24	10/17/24 13:01	1
Caprolactam	ND		4.8	3.7	ug/L		10/16/24 08:24	10/17/24 13:01	1
Carbazole	ND		0.96	0.47	ug/L		10/16/24 08:24	10/17/24 13:01	1
Chrysene	**0.24**		0.19	0.063	ug/L		10/16/24 08:24	10/17/24 13:01	1
Dibenz(a,h)anthracene	ND		0.19	0.15	ug/L		10/16/24 08:24	10/17/24 13:01	1

Client Sample ID: SB-15-GW-6-16
Date Collected: 10/15/24 09:30
Date Received: 10/15/24 16:11

Lab Sample ID: 240-213112-1
Matrix: Water

Method: SW846 8270E - Semivolatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Dibenzofuran	ND		0.96	0.26	ug/L		10/16/24 08:24	10/17/24 13:01	1
Diethyl phthalate	ND		4.8	0.39	ug/L		10/16/24 08:24	10/17/24 13:01	1
Dimethyl phthalate	ND		1.9	0.50	ug/L		10/16/24 08:24	10/17/24 13:01	1
Di-n-butyl phthalate	ND		4.8	1.7	ug/L		10/16/24 08:24	10/17/24 13:01	1
Di-n-octyl phthalate	ND		1.9	0.79	ug/L		10/16/24 08:24	10/17/24 13:01	1
Fluoranthene	**0.57**		0.19	0.15	ug/L		10/16/24 08:24	10/17/24 13:01	1
Fluorene	ND		0.19	0.076	ug/L		10/16/24 08:24	10/17/24 13:01	1
Hexachlorobenzene	ND		0.19	0.15	ug/L		10/16/24 08:24	10/17/24 13:01	1
Hexachlorobutadiene	ND		0.96	0.52	ug/L		10/16/24 08:24	10/17/24 13:01	1
Hexachlorocyclopentadiene	ND		9.6	1.7	ug/L		10/16/24 08:24	10/17/24 13:01	1
Hexachloroethane	ND		0.96	0.38	ug/L		10/16/24 08:24	10/17/24 13:01	1
Indeno[1,2,3-cd]pyrene	ND		0.19	0.13	ug/L		10/16/24 08:24	10/17/24 13:01	1
Isophorone	ND		0.96	0.31	ug/L		10/16/24 08:24	10/17/24 13:01	1
N-Nitrosodi-n-propylamine	ND		0.96	0.24	ug/L		10/16/24 08:24	10/17/24 13:01	1
N-Nitrosodiphenylamine	ND		0.96	0.42	ug/L		10/16/24 08:24	10/17/24 13:01	1
Naphthalene	**0.21**		0.19	0.10	ug/L		10/16/24 08:24	10/17/24 13:01	1
Nitrobenzene	ND		0.96	0.49	ug/L		10/16/24 08:24	10/17/24 13:01	1
Pentachlorophenol	ND		9.6	3.0	ug/L		10/16/24 08:24	10/17/24 13:01	1
Phenanthrene	**0.43**		0.19	0.077	ug/L		10/16/24 08:24	10/17/24 13:01	1
Phenol	ND		0.96	0.39	ug/L		10/16/24 08:24	10/17/24 13:01	1
Pyrene	**0.40**		0.19	0.080	ug/L		10/16/24 08:24	10/17/24 13:01	1
3 & 4 Methylphenol	ND		1.9	0.18	ug/L		10/16/24 08:24	10/17/24 13:01	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Terphenyl-d14 (Surr)	*77*		*43 - 136*	*10/16/24 08:24*	*10/17/24 13:01*	*1*
Phenol-d5 (Surr)	*56*		*10 - 120*	*10/16/24 08:24*	*10/17/24 13:01*	*1*
Nitrobenzene-d5 (Surr)	*64*		*40 - 120*	*10/16/24 08:24*	*10/17/24 13:01*	*1*
2-Fluorophenol (Surr)	*82*		*10 - 127*	*10/16/24 08:24*	*10/17/24 13:01*	*1*
2-Fluorobiphenyl (Surr)	*77*		*41 - 120*	*10/16/24 08:24*	*10/17/24 13:01*	*1*
2,4,6-Tribromophenol (Surr)	*99*		*23 - 127*	*10/16/24 08:24*	*10/17/24 13:01*	*1*

Method: SW846 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aroclor-1016	ND		0.095	0.053	ug/L		10/16/24 08:25	10/17/24 15:42	1
Aroclor-1221	ND		0.095	0.054	ug/L		10/16/24 08:25	10/17/24 15:42	1
Aroclor-1232	ND		0.095	0.070	ug/L		10/16/24 08:25	10/17/24 15:42	1
Aroclor-1242	ND		0.095	0.072	ug/L		10/16/24 08:25	10/17/24 15:42	1
Aroclor-1248	ND		0.095	0.048	ug/L		10/16/24 08:25	10/17/24 15:42	1
Aroclor-1254	ND		0.095	0.038	ug/L		10/16/24 08:25	10/17/24 15:42	1
Aroclor-1260	ND		0.095	0.044	ug/L		10/16/24 08:25	10/17/24 15:42	1
Aroclor-1262	ND		0.095	0.055	ug/L		10/16/24 08:25	10/17/24 15:42	1
Aroclor-1268	ND		0.095	0.059	ug/L		10/16/24 08:25	10/17/24 15:42	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Tetrachloro-m-xylene	*24*		*10 - 149*	*10/16/24 08:25*	*10/17/24 15:42*	*1*
DCB Decachlorobiphenyl	*19*		*10 - 174*	*10/16/24 08:25*	*10/17/24 15:42*	*1*

Method: SW846 6010D - Metals (ICP) - Total Recoverable

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	**29**		15	4.1	ug/L		10/17/24 14:00	10/18/24 17:09	1

Client Sample ID: SB-15-GW-6-16
Date Collected: 10/15/24 09:30
Date Received: 10/15/24 16:11

Lab Sample ID: 240-213112-1
Matrix: Water

Method: SW846 6010D - Metals (ICP) - Total Recoverable (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Barium	140	J	200	1.3	ug/L		10/17/24 14:00	10/18/24 17:09	1
Cadmium	ND		5.0	0.45	ug/L		10/17/24 14:00	10/18/24 17:09	1
Chromium	29		10	0.76	ug/L		10/17/24 14:00	10/18/24 17:09	1
Copper	36		25	3.5	ug/L		10/17/24 14:00	10/18/24 17:09	1
Lead	18		10	2.8	ug/L		10/17/24 14:00	10/18/24 17:09	1
Selenium	7.3	J	20	6.0	ug/L		10/17/24 14:00	10/18/24 17:09	1
Silver	ND		10	1.4	ug/L		10/17/24 14:00	10/18/24 17:09	1
Zinc	130		50	23	ug/L		10/17/24 14:00	10/18/24 17:09	1

Method: SW846 6010D - Metals (ICP) - Dissolved

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	28		15	4.1	ug/L		10/16/24 14:00	10/18/24 00:14	1
Barium	130	J B	200	1.3	ug/L		10/16/24 14:00	10/18/24 00:14	1
Cadmium	ND		5.0	0.45	ug/L		10/16/24 14:00	10/18/24 00:14	1
Chromium	29		10	0.76	ug/L		10/16/24 14:00	10/18/24 00:14	1
Copper	34		25	3.5	ug/L		10/16/24 14:00	10/18/24 00:14	1
Lead	18		10	2.8	ug/L		10/16/24 14:00	10/18/24 00:14	1
Selenium	6.9	J	20	6.0	ug/L		10/16/24 14:00	10/18/24 00:14	1
Silver	ND		10	1.4	ug/L		10/16/24 14:00	10/18/24 00:14	1
Zinc	120		50	23	ug/L		10/16/24 14:00	10/18/24 00:14	1

Method: SW846 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	ND		0.20	0.13	ug/L		10/17/24 14:00	10/18/24 11:12	1

Method: SW846 7470A - Mercury (CVAA) - Dissolved

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	ND		0.20	0.13	ug/L		10/16/24 14:00	10/17/24 10:09	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chromium, hexavalent (SW846 7196A)	ND		0.10	0.035	mg/L			10/15/24 18:24	5
Cyanide, Total (SW846 9012B)	0.060		0.010	0.0060	mg/L		10/22/24 09:53	10/22/24 14:03	1
Cyanide, Free (OI CORP OIA-1677)	0.0089		0.0060	0.0050	mg/L			10/28/24 13:34	1

General Chemistry - Dissolved

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chromium, hexavalent (SW846 7196A)	0.14	J	0.20	0.070	mg/L			10/15/24 18:27	10

Client: August Mack Environmental, Inc.
Project/Site: MSC Canfield

Job ID: 240-213112-1

Client Sample ID: TB-3-20241015
Date Collected: 10/15/24 09:30
Date Received: 10/15/24 16:11

Lab Sample ID: 240-213112-2
Matrix: Water

Method: SW846 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		1.0	0.48	ug/L			10/17/24 17:20	1
1,1,2,2-Tetrachloroethane	ND		1.0	0.60	ug/L			10/17/24 17:20	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		1.0	0.41	ug/L			10/17/24 17:20	1
1,1,2-Trichloroethane	ND		1.0	0.48	ug/L			10/17/24 17:20	1
1,1-Dichloroethane	ND		1.0	0.47	ug/L			10/17/24 17:20	1
1,1-Dichloroethene	ND		1.0	0.49	ug/L			10/17/24 17:20	1
1,2,4-Trichlorobenzene	ND		1.0	0.77	ug/L			10/17/24 17:20	1
1,2-Dibromo-3-Chloropropane	ND		2.0	0.91	ug/L			10/17/24 17:20	1
Ethylene Dibromide	ND		1.0	0.41	ug/L			10/17/24 17:20	1
1,2-Dichlorobenzene	ND		1.0	0.48	ug/L			10/17/24 17:20	1
1,2-Dichloroethane	ND		1.0	0.46	ug/L			10/17/24 17:20	1
1,2-Dichloropropane	ND		1.0	0.47	ug/L			10/17/24 17:20	1
1,3-Dichlorobenzene	ND		1.0	0.45	ug/L			10/17/24 17:20	1
1,4-Dichlorobenzene	ND		1.0	0.41	ug/L			10/17/24 17:20	1
2-Butanone (MEK)	ND		10	1.2	ug/L			10/17/24 17:20	1
2-Hexanone	ND		10	1.1	ug/L			10/17/24 17:20	1
4-Methyl-2-pentanone (MIBK)	ND		10	0.99	ug/L			10/17/24 17:20	1
Acetone	ND		10	5.4	ug/L			10/17/24 17:20	1
Benzene	ND		1.0	0.42	ug/L			10/17/24 17:20	1
Dichlorobromomethane	ND		1.0	0.38	ug/L			10/17/24 17:20	1
Bromoform	ND		1.0	0.76	ug/L			10/17/24 17:20	1
Bromomethane	ND		1.0	0.42	ug/L			10/17/24 17:20	1
Carbon disulfide	ND		1.0	0.59	ug/L			10/17/24 17:20	1
Carbon tetrachloride	ND		1.0	0.26	ug/L			10/17/24 17:20	1
Chlorobenzene	ND		1.0	0.38	ug/L			10/17/24 17:20	1
Chloroethane	ND		1.0	0.83	ug/L			10/17/24 17:20	1
Chloroform	ND		1.0	0.47	ug/L			10/17/24 17:20	1
Chloromethane	**0.70**	**J *+ B**	1.0	0.63	ug/L			10/17/24 17:20	1
cis-1,2-Dichloroethene	ND		1.0	0.46	ug/L			10/17/24 17:20	1
cis-1,3-Dichloropropene	ND		1.0	0.61	ug/L			10/17/24 17:20	1
Cyclohexane	ND		1.0	0.48	ug/L			10/17/24 17:20	1
Chlorodibromomethane	ND		1.0	0.39	ug/L			10/17/24 17:20	1
Dichlorodifluoromethane	ND		1.0	0.35	ug/L			10/17/24 17:20	1
Ethylbenzene	ND		1.0	0.42	ug/L			10/17/24 17:20	1
Isopropylbenzene	ND	*+	1.0	0.49	ug/L			10/17/24 17:20	1
Methyl acetate	ND		10	1.7	ug/L			10/17/24 17:20	1
Methyl tert-butyl ether	ND		1.0	0.47	ug/L			10/17/24 17:20	1
Methylcyclohexane	ND		1.0	0.33	ug/L			10/17/24 17:20	1
Methylene Chloride	ND		5.0	2.6	ug/L			10/17/24 17:20	1
Styrene	ND		1.0	0.45	ug/L			10/17/24 17:20	1
Tetrachloroethene	ND		1.0	0.44	ug/L			10/17/24 17:20	1
Toluene	ND		1.0	0.44	ug/L			10/17/24 17:20	1
trans-1,2-Dichloroethene	ND		1.0	0.51	ug/L			10/17/24 17:20	1
trans-1,3-Dichloropropene	ND		1.0	0.67	ug/L			10/17/24 17:20	1
Trichloroethene	ND		1.0	0.44	ug/L			10/17/24 17:20	1
Trichlorofluoromethane	ND		1.0	0.45	ug/L			10/17/24 17:20	1
Vinyl chloride	ND		1.0	0.45	ug/L			10/17/24 17:20	1
Xylenes, Total	ND		2.0	0.42	ug/L			10/17/24 17:20	1

Client: August Mack Environmental, Inc.
Project/Site: MSC Canfield

Job ID: 240-213112-1

Client Sample ID: TB-3-20241015
Date Collected: 10/15/24 09:30
Date Received: 10/15/24 16:11

Lab Sample ID: 240-213112-2
Matrix: Water

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
Toluene-d8 (Surr)	95		78 - 122		10/17/24 17:20	1
Dibromofluoromethane (Surr)	88		73 - 120		10/17/24 17:20	1
4-Bromofluorobenzene (Surr)	87		56 - 136		10/17/24 17:20	1
1,2-Dichloroethane-d4 (Surr)	110		62 - 137		10/17/24 17:20	1

Surrogate Summary

Client: August Mack Environmental, Inc.
Project/Site: MSC Canfield

Job ID: 240-213112-1

Method: 8260D - Volatile Organic Compounds by GC/MS

Matrix: Water

Prep Type: Total/NA

		Percent Surrogate Recovery (Acceptance Limits)			
		TOL	DBFM	BFB	DCA
Lab Sample ID	Client Sample ID	(78-122)	(73-120)	(56-136)	(62-137)
240-213112-1	SB-15-GW-6-16	94	86	89	108
240-213112-2	TB-3-20241015	95	88	87	110
LCS 240-631183/5	Lab Control Sample	93	88	95	94
MB 240-631183/10	Method Blank	94	83	88	101

Surrogate Legend

TOL = Toluene-d8 (Surr)
DBFM = Dibromofluoromethane (Surr)
BFB = 4-Bromofluorobenzene (Surr)
DCA = 1,2-Dichloroethane-d4 (Surr)

Method: 8270E - Semivolatile Organic Compounds (GC/MS)

Matrix: Water

Prep Type: Total/NA

		Percent Surrogate Recovery (Acceptance Limits)					
		TPHL	PHL	NBZ	2FP	FBP	TBP
Lab Sample ID	Client Sample ID	(43-136)	(10-120)	(40-120)	(10-127)	(41-120)	(23-127)
240-213112-1	SB-15-GW-6-16	77	56	64	82	77	99
LCS 240-630999/2-A	Lab Control Sample	70	48	66	80	70	91
MB 240-630999/1-A	Method Blank	84	45	67	67	74	87

Surrogate Legend

TPHL = Terphenyl-d14 (Surr)
PHL = Phenol-d5 (Surr)
NBZ = Nitrobenzene-d5 (Surr)
2FP = 2-Fluorophenol (Surr)
FBP = 2-Fluorobiphenyl (Surr)
TBP = 2,4,6-Tribromophenol (Surr)

Method: 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Matrix: Water

Prep Type: Total/NA

		Percent Surrogate Recovery (Acceptance Limits)	
		TCX1	DCBP1
Lab Sample ID	Client Sample ID	(10-149)	(10-174)
240-213112-1	SB-15-GW-6-16	24	19
LCS 240-631000/2-A	Lab Control Sample	69	81
MB 240-631000/1-A	Method Blank	39	90

Surrogate Legend

TCX = Tetrachloro-m-xylene
DCBP = DCB Decachlorobiphenyl

Client: August Mack Environmental, Inc.
Project/Site: MSC Canfield

Job ID: 240-213112-1

Method: 8260D - Volatile Organic Compounds by GC/MS

Lab Sample ID: MB 240-631183/10
Matrix: Water
Analysis Batch: 631183

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		1.0	0.48	ug/L			10/17/24 11:50	1
1,1,2,2-Tetrachloroethane	ND		1.0	0.60	ug/L			10/17/24 11:50	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		1.0	0.41	ug/L			10/17/24 11:50	1
1,1,2-Trichloroethane	ND		1.0	0.48	ug/L			10/17/24 11:50	1
1,1-Dichloroethane	ND		1.0	0.47	ug/L			10/17/24 11:50	1
1,1-Dichloroethene	ND		1.0	0.49	ug/L			10/17/24 11:50	1
1,2,4-Trichlorobenzene	ND		1.0	0.77	ug/L			10/17/24 11:50	1
1,2-Dibromo-3-Chloropropane	ND		2.0	0.91	ug/L			10/17/24 11:50	1
Ethylene Dibromide	ND		1.0	0.41	ug/L			10/17/24 11:50	1
1,2-Dichlorobenzene	ND		1.0	0.48	ug/L			10/17/24 11:50	1
1,2-Dichloroethane	ND		1.0	0.46	ug/L			10/17/24 11:50	1
1,2-Dichloropropane	ND		1.0	0.47	ug/L			10/17/24 11:50	1
1,3-Dichlorobenzene	ND		1.0	0.45	ug/L			10/17/24 11:50	1
1,4-Dichlorobenzene	ND		1.0	0.41	ug/L			10/17/24 11:50	1
2-Butanone (MEK)	ND		10	1.2	ug/L			10/17/24 11:50	1
2-Hexanone	ND		10	1.1	ug/L			10/17/24 11:50	1
4-Methyl-2-pentanone (MIBK)	ND		10	0.99	ug/L			10/17/24 11:50	1
Acetone	ND		10	5.4	ug/L			10/17/24 11:50	1
Benzene	ND		1.0	0.42	ug/L			10/17/24 11:50	1
Dichlorobromomethane	ND		1.0	0.38	ug/L			10/17/24 11:50	1
Bromoform	ND		1.0	0.76	ug/L			10/17/24 11:50	1
Bromomethane	ND		1.0	0.42	ug/L			10/17/24 11:50	1
Carbon disulfide	ND		1.0	0.59	ug/L			10/17/24 11:50	1
Carbon tetrachloride	ND		1.0	0.26	ug/L			10/17/24 11:50	1
Chlorobenzene	ND		1.0	0.38	ug/L			10/17/24 11:50	1
Chloroethane	ND		1.0	0.83	ug/L			10/17/24 11:50	1
Chloroform	ND		1.0	0.47	ug/L			10/17/24 11:50	1
Chloromethane	0.694	J	1.0	0.63	ug/L			10/17/24 11:50	1
cis-1,2-Dichloroethene	ND		1.0	0.46	ug/L			10/17/24 11:50	1
cis-1,3-Dichloropropene	ND		1.0	0.61	ug/L			10/17/24 11:50	1
Cyclohexane	ND		1.0	0.48	ug/L			10/17/24 11:50	1
Chlorodibromomethane	ND		1.0	0.39	ug/L			10/17/24 11:50	1
Dichlorodifluoromethane	ND		1.0	0.35	ug/L			10/17/24 11:50	1
Ethylbenzene	ND		1.0	0.42	ug/L			10/17/24 11:50	1
Isopropylbenzene	ND		1.0	0.49	ug/L			10/17/24 11:50	1
Methyl acetate	ND		10	1.7	ug/L			10/17/24 11:50	1
Methyl tert-butyl ether	ND		1.0	0.47	ug/L			10/17/24 11:50	1
Methylcyclohexane	ND		1.0	0.33	ug/L			10/17/24 11:50	1
Methylene Chloride	ND		5.0	2.6	ug/L			10/17/24 11:50	1
Styrene	ND		1.0	0.45	ug/L			10/17/24 11:50	1
Tetrachloroethene	ND		1.0	0.44	ug/L			10/17/24 11:50	1
Toluene	ND		1.0	0.44	ug/L			10/17/24 11:50	1
trans-1,2-Dichloroethene	ND		1.0	0.51	ug/L			10/17/24 11:50	1
trans-1,3-Dichloropropene	ND		1.0	0.67	ug/L			10/17/24 11:50	1
Trichloroethene	ND		1.0	0.44	ug/L			10/17/24 11:50	1
Trichlorofluoromethane	ND		1.0	0.45	ug/L			10/17/24 11:50	1
Vinyl chloride	ND		1.0	0.45	ug/L			10/17/24 11:50	1
Xylenes, Total	ND		2.0	0.42	ug/L			10/17/24 11:50	1

Method: 8260D - Volatile Organic Compounds by GC/MS (Continued)

Lab Sample ID: MB 240-631183/10
Matrix: Water
Analysis Batch: 631183

Client Sample ID: Method Blank
Prep Type: Total/NA

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
Toluene-d8 (Surr)	*94*		*78 - 122*		*10/17/24 11:50*	*1*
Dibromofluoromethane (Surr)	*83*		*73 - 120*		*10/17/24 11:50*	*1*
4-Bromofluorobenzene (Surr)	*88*		*56 - 136*		*10/17/24 11:50*	*1*
1,2-Dichloroethane-d4 (Surr)	*101*		*62 - 137*		*10/17/24 11:50*	*1*

Lab Sample ID: LCS 240-631183/5
Matrix: Water
Analysis Batch: 631183

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
1,1,1-Trichloroethane	25.0	22.4		ug/L		89	64 - 131
1,1,2,2-Tetrachloroethane	25.0	22.4		ug/L		90	58 - 157
1,1,2-Trichloro-1,2,2-trifluoroethane	25.0	24.8		ug/L		99	51 - 146
1,1,2-Trichloroethane	25.0	22.9		ug/L		92	70 - 138
1,1-Dichloroethane	25.0	23.1		ug/L		92	72 - 127
1,1-Dichloroethene	25.0	22.3		ug/L		89	63 - 134
1,2,4-Trichlorobenzene	25.0	25.8		ug/L		103	44 - 147
1,2-Dibromo-3-Chloropropane	25.0	17.6		ug/L		70	53 - 135
Ethylene Dibromide	25.0	22.7		ug/L		91	71 - 134
1,2-Dichlorobenzene	25.0	24.0		ug/L		96	78 - 120
1,2-Dichloroethane	25.0	24.3		ug/L		97	66 - 128
1,2-Dichloropropane	25.0	23.9		ug/L		96	75 - 133
1,3-Dichlorobenzene	25.0	24.5		ug/L		98	80 - 120
1,4-Dichlorobenzene	25.0	23.6		ug/L		95	80 - 120
2-Butanone (MEK)	50.0	47.5		ug/L		95	54 - 156
2-Hexanone	50.0	55.3		ug/L		111	43 - 167
4-Methyl-2-pentanone (MIBK)	50.0	54.7		ug/L		109	46 - 158
Acetone	50.0	46.3		ug/L		93	50 - 149
Benzene	25.0	24.1		ug/L		96	77 - 123
Dichlorobromomethane	25.0	19.2		ug/L		77	69 - 126
Bromoform	25.0	15.2		ug/L		61	57 - 129
Bromomethane	12.5	12.3		ug/L		98	36 - 142
Carbon disulfide	25.0	21.6		ug/L		86	43 - 140
Carbon tetrachloride	25.0	21.2		ug/L		85	55 - 137
Chlorobenzene	25.0	23.2		ug/L		93	80 - 121
Chloroethane	12.5	16.7		ug/L		134	38 - 152
Chloroform	25.0	22.1		ug/L		88	74 - 122
Chloromethane	12.5	18.6	*+	ug/L		148	47 - 143
cis-1,2-Dichloroethene	25.0	22.6		ug/L		90	77 - 123
cis-1,3-Dichloropropene	25.0	23.2		ug/L		93	64 - 130
Cyclohexane	25.0	29.4		ug/L		118	58 - 146
Chlorodibromomethane	25.0	17.4		ug/L		70	70 - 124
Dichlorodifluoromethane	12.5	10.1		ug/L		80	34 - 153
Ethylbenzene	25.0	26.2		ug/L		105	80 - 121
Isopropylbenzene	25.0	32.4	*+	ug/L		130	74 - 128
Methyl acetate	50.0	45.0		ug/L		90	42 - 169
Methyl tert-butyl ether	25.0	25.5		ug/L		102	65 - 126
Methylcyclohexane	25.0	30.5		ug/L		122	62 - 136

Method: 8260D - Volatile Organic Compounds by GC/MS (Continued)

Lab Sample ID: LCS 240-631183/5
Matrix: Water
Analysis Batch: 631183

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Methylene Chloride	25.0	25.1		ug/L		100	71 - 125
Styrene	25.0	26.9		ug/L		108	80 - 135
Tetrachloroethene	25.0	24.5		ug/L		98	76 - 123
Toluene	25.0	23.9		ug/L		96	80 - 123
trans-1,2-Dichloroethene	25.0	22.1		ug/L		89	75 - 124
trans-1,3-Dichloropropene	25.0	25.1		ug/L		100	57 - 129
Trichloroethene	25.0	21.8		ug/L		87	70 - 122
Trichlorofluoromethane	12.5	12.9		ug/L		103	30 - 170
Vinyl chloride	12.5	13.5		ug/L		108	60 - 144
Xylenes, Total	50.0	55.3		ug/L		111	80 - 121
m-Xylene & p-Xylene	25.0	27.2		ug/L		109	80 - 120
o-Xylene	25.0	28.1		ug/L		112	80 - 123

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
Toluene-d8 (Surr)	*93*		*78 - 122*
Dibromofluoromethane (Surr)	*88*		*73 - 120*
4-Bromofluorobenzene (Surr)	*95*		*56 - 136*
1,2-Dichloroethane-d4 (Surr)	*94*		*62 - 137*

Method: 8270E - Semivolatile Organic Compounds (GC/MS)

Lab Sample ID: MB 240-630999/1-A
Matrix: Water
Analysis Batch: 631180

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 630999

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1'-Biphenyl	ND		1.0	0.49	ug/L		10/16/24 08:24	10/17/24 09:28	1
bis (2-chloroisopropyl) ether	ND		1.0	0.24	ug/L		10/16/24 08:24	10/17/24 09:28	1
2,4,5-Trichlorophenol	ND		5.0	2.0	ug/L		10/16/24 08:24	10/17/24 09:28	1
2,4,6-Trichlorophenol	ND		5.0	1.8	ug/L		10/16/24 08:24	10/17/24 09:28	1
2,4-Dichlorophenol	ND		2.0	0.26	ug/L		10/16/24 08:24	10/17/24 09:28	1
2,4-Dimethylphenol	ND		2.0	0.25	ug/L		10/16/24 08:24	10/17/24 09:28	1
2,4-Dinitrophenol	ND		10	2.6	ug/L		10/16/24 08:24	10/17/24 09:28	1
2,4-Dinitrotoluene	ND		5.0	2.1	ug/L		10/16/24 08:24	10/17/24 09:28	1
2,6-Dinitrotoluene	ND		5.0	1.1	ug/L		10/16/24 08:24	10/17/24 09:28	1
2-Chloronaphthalene	ND		1.0	0.23	ug/L		10/16/24 08:24	10/17/24 09:28	1
2-Chlorophenol	ND		1.0	0.27	ug/L		10/16/24 08:24	10/17/24 09:28	1
2-Methylnaphthalene	ND		0.20	0.11	ug/L		10/16/24 08:24	10/17/24 09:28	1
2-Methylphenol	ND		1.0	0.21	ug/L		10/16/24 08:24	10/17/24 09:28	1
2-Nitroaniline	ND		2.0	0.51	ug/L		10/16/24 08:24	10/17/24 09:28	1
2-Nitrophenol	ND		2.0	0.56	ug/L		10/16/24 08:24	10/17/24 09:28	1
3,3'-Dichlorobenzidine	ND		5.0	1.2	ug/L		10/16/24 08:24	10/17/24 09:28	1
3-Nitroaniline	ND		2.0	0.57	ug/L		10/16/24 08:24	10/17/24 09:28	1
4,6-Dinitro-2-methylphenol	ND		5.0	2.8	ug/L		10/16/24 08:24	10/17/24 09:28	1
4-Bromophenyl phenyl ether	ND		2.0	0.50	ug/L		10/16/24 08:24	10/17/24 09:28	1
4-Chloro-3-methylphenol	ND		2.0	0.30	ug/L		10/16/24 08:24	10/17/24 09:28	1
4-Chloroaniline	ND		2.0	0.32	ug/L		10/16/24 08:24	10/17/24 09:28	1
4-Chlorophenyl phenyl ether	ND		2.0	0.55	ug/L		10/16/24 08:24	10/17/24 09:28	1
4-Nitroaniline	ND		2.0	0.33	ug/L		10/16/24 08:24	10/17/24 09:28	1

Method: 8270E - Semivolatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: MB 240-630999/1-A
Matrix: Water
Analysis Batch: 631180

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 630999

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
4-Nitrophenol	ND		10	2.2	ug/L		10/16/24 08:24	10/17/24 09:28	1
Acenaphthene	ND		0.20	0.17	ug/L		10/16/24 08:24	10/17/24 09:28	1
Acenaphthylene	ND		0.20	0.13	ug/L		10/16/24 08:24	10/17/24 09:28	1
Acetophenone	ND		1.0	0.37	ug/L		10/16/24 08:24	10/17/24 09:28	1
Anthracene	ND		0.20	0.14	ug/L		10/16/24 08:24	10/17/24 09:28	1
Atrazine	ND		2.0	0.95	ug/L		10/16/24 08:24	10/17/24 09:28	1
Benzaldehyde	ND		2.0	0.76	ug/L		10/16/24 08:24	10/17/24 09:28	1
Benzo[a]anthracene	ND		0.20	0.068	ug/L		10/16/24 08:24	10/17/24 09:28	1
Benzo[a]pyrene	ND		0.20	0.17	ug/L		10/16/24 08:24	10/17/24 09:28	1
Benzo[b]fluoranthene	ND		0.20	0.15	ug/L		10/16/24 08:24	10/17/24 09:28	1
Benzo[g,h,i]perylene	ND		0.20	0.18	ug/L		10/16/24 08:24	10/17/24 09:28	1
Benzo[k]fluoranthene	ND		0.20	0.14	ug/L		10/16/24 08:24	10/17/24 09:28	1
Bis(2-chloroethoxy)methane	ND		1.0	0.22	ug/L		10/16/24 08:24	10/17/24 09:28	1
Bis(2-chloroethyl)ether	ND		1.0	0.40	ug/L		10/16/24 08:24	10/17/24 09:28	1
Bis(2-ethylhexyl) phthalate	ND		5.0	2.2	ug/L		10/16/24 08:24	10/17/24 09:28	1
Butyl benzyl phthalate	ND		2.0	0.67	ug/L		10/16/24 08:24	10/17/24 09:28	1
Caprolactam	ND		5.0	3.8	ug/L		10/16/24 08:24	10/17/24 09:28	1
Carbazole	ND		1.0	0.49	ug/L		10/16/24 08:24	10/17/24 09:28	1
Chrysene	ND		0.20	0.066	ug/L		10/16/24 08:24	10/17/24 09:28	1
Dibenz(a,h)anthracene	ND		0.20	0.15	ug/L		10/16/24 08:24	10/17/24 09:28	1
Dibenzofuran	ND		1.0	0.27	ug/L		10/16/24 08:24	10/17/24 09:28	1
Diethyl phthalate	ND		5.0	0.41	ug/L		10/16/24 08:24	10/17/24 09:28	1
Dimethyl phthalate	ND		2.0	0.52	ug/L		10/16/24 08:24	10/17/24 09:28	1
Di-n-butyl phthalate	ND		5.0	1.8	ug/L		10/16/24 08:24	10/17/24 09:28	1
Di-n-octyl phthalate	ND		2.0	0.82	ug/L		10/16/24 08:24	10/17/24 09:28	1
Fluoranthene	ND		0.20	0.16	ug/L		10/16/24 08:24	10/17/24 09:28	1
Fluorene	ND		0.20	0.079	ug/L		10/16/24 08:24	10/17/24 09:28	1
Hexachlorobenzene	ND		0.20	0.16	ug/L		10/16/24 08:24	10/17/24 09:28	1
Hexachlorobutadiene	ND		1.0	0.54	ug/L		10/16/24 08:24	10/17/24 09:28	1
Hexachlorocyclopentadiene	ND		10	1.8	ug/L		10/16/24 08:24	10/17/24 09:28	1
Hexachloroethane	ND		1.0	0.40	ug/L		10/16/24 08:24	10/17/24 09:28	1
Indeno[1,2,3-cd]pyrene	ND		0.20	0.14	ug/L		10/16/24 08:24	10/17/24 09:28	1
Isophorone	ND		1.0	0.32	ug/L		10/16/24 08:24	10/17/24 09:28	1
N-Nitrosodi-n-propylamine	ND		1.0	0.25	ug/L		10/16/24 08:24	10/17/24 09:28	1
N-Nitrosodiphenylamine	ND		1.0	0.44	ug/L		10/16/24 08:24	10/17/24 09:28	1
Naphthalene	ND		0.20	0.11	ug/L		10/16/24 08:24	10/17/24 09:28	1
Nitrobenzene	ND		1.0	0.51	ug/L		10/16/24 08:24	10/17/24 09:28	1
Pentachlorophenol	ND		10	3.1	ug/L		10/16/24 08:24	10/17/24 09:28	1
Phenanthrene	ND		0.20	0.080	ug/L		10/16/24 08:24	10/17/24 09:28	1
Phenol	ND		1.0	0.40	ug/L		10/16/24 08:24	10/17/24 09:28	1
Pyrene	ND		0.20	0.083	ug/L		10/16/24 08:24	10/17/24 09:28	1
3 & 4 Methylphenol	ND		2.0	0.19	ug/L		10/16/24 08:24	10/17/24 09:28	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Terphenyl-d14 (Surr)	*84*		*43 - 136*	*10/16/24 08:24*	*10/17/24 09:28*	*1*
Phenol-d5 (Surr)	*45*		*10 - 120*	*10/16/24 08:24*	*10/17/24 09:28*	*1*
Nitrobenzene-d5 (Surr)	*67*		*40 - 120*	*10/16/24 08:24*	*10/17/24 09:28*	*1*
2-Fluorophenol (Surr)	*67*		*10 - 127*	*10/16/24 08:24*	*10/17/24 09:28*	*1*

Method: 8270E - Semivolatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: MB 240-630999/1-A
Matrix: Water
Analysis Batch: 631180

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 630999

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
2-Fluorobiphenyl (Surr)	74		41 - 120	10/16/24 08:24	10/17/24 09:28	1
2,4,6-Tribromophenol (Surr)	87		23 - 127	10/16/24 08:24	10/17/24 09:28	1

Lab Sample ID: LCS 240-630999/2-A
Matrix: Water
Analysis Batch: 631180

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 630999

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
1,1'-Biphenyl	32.0	23.9		ug/L		75	48 - 120
bis (2-chloroisopropyl) ether	32.0	18.1		ug/L		57	34 - 126
2,4,5-Trichlorophenol	32.0	26.1		ug/L		82	51 - 129
2,4,6-Trichlorophenol	32.0	26.7		ug/L		84	51 - 128
2,4-Dichlorophenol	32.0	25.6		ug/L		80	57 - 122
2,4-Dimethylphenol	32.0	19.5		ug/L		61	33 - 120
2,4-Dinitrophenol	64.0	49.6		ug/L		77	27 - 126
2,4-Dinitrotoluene	32.0	28.8		ug/L		90	55 - 131
2,6-Dinitrotoluene	32.0	27.8		ug/L		87	54 - 134
2-Chloronaphthalene	32.0	23.7		ug/L		74	50 - 120
2-Chlorophenol	32.0	25.0		ug/L		78	57 - 120
2-Methylnaphthalene	32.0	23.3		ug/L		73	47 - 120
2-Methylphenol	32.0	24.0		ug/L		75	47 - 120
2-Nitroaniline	32.0	25.1		ug/L		79	51 - 138
2-Nitrophenol	32.0	24.9		ug/L		78	53 - 127
3,3'-Dichlorobenzidine	64.0	53.7		ug/L		84	39 - 150
3-Nitroaniline	32.0	26.8		ug/L		84	13 - 156
4,6-Dinitro-2-methylphenol	64.0	53.2		ug/L		83	45 - 130
4-Bromophenyl phenyl ether	32.0	26.1		ug/L		82	51 - 129
4-Chloro-3-methylphenol	32.0	24.6		ug/L		77	57 - 126
4-Chloroaniline	32.0	4.42		ug/L		14	10 - 120
4-Chlorophenyl phenyl ether	32.0	25.1		ug/L		78	52 - 122
4-Nitroaniline	32.0	29.3		ug/L		92	44 - 156
4-Nitrophenol	64.0	36.5		ug/L		57	14 - 120
Acenaphthene	32.0	24.1		ug/L		75	50 - 120
Acenaphthylene	32.0	24.2		ug/L		76	49 - 120
Acetophenone	32.0	27.0		ug/L		84	52 - 120
Anthracene	32.0	26.7		ug/L		84	55 - 124
Atrazine	32.0	27.5		ug/L		86	50 - 152
Benzaldehyde	32.0	24.3		ug/L		76	36 - 168
Benzo[a]anthracene	32.0	25.2		ug/L		79	55 - 130
Benzo[a]pyrene	32.0	25.8		ug/L		80	51 - 123
Benzo[b]fluoranthene	32.0	26.8		ug/L		84	51 - 130
Benzo[g,h,i]perylene	32.0	27.0		ug/L		84	55 - 135
Benzo[k]fluoranthene	32.0	25.1		ug/L		79	53 - 130
Bis(2-chloroethoxy)methane	32.0	22.4		ug/L		70	50 - 121
Bis(2-chloroethyl)ether	32.0	20.1		ug/L		63	47 - 120
Bis(2-ethylhexyl) phthalate	32.0	24.4		ug/L		76	45 - 142
Butyl benzyl phthalate	32.0	25.4		ug/L		79	48 - 140
Caprolactam	32.0	5.05		ug/L		16	10 - 120

Method: 8270E - Semivolatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: LCS 240-630999/2-A
Matrix: Water
Analysis Batch: 631180

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 630999

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Carbazole	32.0	26.1		ug/L		81	56 - 135
Chrysene	32.0	24.5		ug/L		77	52 - 126
Dibenz(a,h)anthracene	32.0	27.6		ug/L		86	57 - 132
Dibenzofuran	32.0	24.9		ug/L		78	52 - 120
Diethyl phthalate	32.0	28.4		ug/L		89	51 - 127
Dimethyl phthalate	32.0	26.6		ug/L		83	40 - 136
Di-n-butyl phthalate	32.0	26.7		ug/L		84	56 - 138
Di-n-octyl phthalate	32.0	23.5		ug/L		73	45 - 135
Fluoranthene	32.0	26.7		ug/L		83	56 - 135
Fluorene	32.0	25.7		ug/L		80	52 - 124
Hexachlorobenzene	32.0	25.7		ug/L		80	49 - 127
Hexachlorobutadiene	32.0	21.9		ug/L		68	36 - 120
Hexachlorocyclopentadiene	32.0	7.58	J	ug/L		24	10 - 120
Hexachloroethane	32.0	19.6		ug/L		61	39 - 120
Indeno[1,2,3-cd]pyrene	32.0	27.2		ug/L		85	55 - 134
Isophorone	32.0	23.7		ug/L		74	50 - 127
N-Nitrosodi-n-propylamine	32.0	23.6		ug/L		74	49 - 128
N-Nitrosodiphenylamine	32.0	25.3		ug/L		79	53 - 127
Naphthalene	32.0	22.6		ug/L		71	46 - 120
Nitrobenzene	32.0	22.4		ug/L		70	50 - 123
Pentachlorophenol	64.0	55.8		ug/L		87	24 - 124
Phenanthrene	32.0	25.0		ug/L		78	54 - 120
Phenol	32.0	16.8		ug/L		52	10 - 120
Pyrene	32.0	23.8		ug/L		74	53 - 135
3 & 4 Methylphenol	32.0	25.2		ug/L		79	41 - 120

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
Terphenyl-d14 (Surr)	*70*		*43 - 136*
Phenol-d5 (Surr)	*48*		*10 - 120*
Nitrobenzene-d5 (Surr)	*66*		*40 - 120*
2-Fluorophenol (Surr)	*80*		*10 - 127*
2-Fluorobiphenyl (Surr)	*70*		*41 - 120*
2,4,6-Tribromophenol (Surr)	*91*		*23 - 127*

Method: 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Lab Sample ID: MB 240-631000/1-A
Matrix: Water
Analysis Batch: 631217

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 631000

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aroclor-1016	ND		0.10	0.056	ug/L		10/16/24 08:25	10/17/24 11:03	1
Aroclor-1221	ND		0.10	0.057	ug/L		10/16/24 08:25	10/17/24 11:03	1
Aroclor-1232	ND		0.10	0.074	ug/L		10/16/24 08:25	10/17/24 11:03	1
Aroclor-1242	ND		0.10	0.076	ug/L		10/16/24 08:25	10/17/24 11:03	1
Aroclor-1248	ND		0.10	0.050	ug/L		10/16/24 08:25	10/17/24 11:03	1
Aroclor-1254	ND		0.10	0.040	ug/L		10/16/24 08:25	10/17/24 11:03	1
Aroclor-1260	ND		0.10	0.046	ug/L		10/16/24 08:25	10/17/24 11:03	1
Aroclor-1262	ND		0.10	0.058	ug/L		10/16/24 08:25	10/17/24 11:03	1

Method: 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography (Continued)

Lab Sample ID: MB 240-631000/1-A
Matrix: Water
Analysis Batch: 631217

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 631000

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aroclor-1268	ND		0.10	0.062	ug/L		10/16/24 08:25	10/17/24 11:03	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Tetrachloro-m-xylene	*39*		*10 - 149*	*10/16/24 08:25*	*10/17/24 11:03*	*1*
DCB Decachlorobiphenyl	*90*		*10 - 174*	*10/16/24 08:25*	*10/17/24 11:03*	*1*

Lab Sample ID: LCS 240-631000/2-A
Matrix: Water
Analysis Batch: 631217

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 631000

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
Aroclor-1016			2.50	2.02		ug/L		81	28 - 140		
Aroclor-1260			2.50	2.31		ug/L		92	39 - 153		

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
Tetrachloro-m-xylene	*69*		*10 - 149*
DCB Decachlorobiphenyl	*81*		*10 - 174*

Method: 6010D - Metals (ICP)

Lab Sample ID: MB 240-631041/1-A
Matrix: Water
Analysis Batch: 631324

Client Sample ID: Method Blank
Prep Type: Total Recoverable
Prep Batch: 631041

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	ND		15	4.1	ug/L		10/16/24 14:00	10/17/24 23:31	1
Barium	2.73	J	200	1.3	ug/L		10/16/24 14:00	10/17/24 23:31	1
Cadmium	ND		5.0	0.45	ug/L		10/16/24 14:00	10/17/24 23:31	1
Chromium	ND		10	0.76	ug/L		10/16/24 14:00	10/17/24 23:31	1
Copper	ND		25	3.5	ug/L		10/16/24 14:00	10/17/24 23:31	1
Lead	ND		10	2.8	ug/L		10/16/24 14:00	10/17/24 23:31	1
Selenium	ND		20	6.0	ug/L		10/16/24 14:00	10/17/24 23:31	1
Silver	ND		10	1.4	ug/L		10/16/24 14:00	10/17/24 23:31	1
Zinc	ND		50	23	ug/L		10/16/24 14:00	10/17/24 23:31	1

Lab Sample ID: LCS 240-631041/2-A
Matrix: Water
Analysis Batch: 631324

Client Sample ID: Lab Control Sample
Prep Type: Total Recoverable
Prep Batch: 631041

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
Arsenic			2000	1940		ug/L		97	80 - 120		
Barium			2000	1840		ug/L		92	80 - 120		
Cadmium			1000	942		ug/L		94	80 - 120		
Chromium			1000	921		ug/L		92	80 - 120		
Copper			1000	900		ug/L		90	80 - 120		
Lead			1000	885		ug/L		88	80 - 120		
Selenium			2000	1940		ug/L		97	80 - 120		
Silver			100	90.1		ug/L		90	80 - 120		
Zinc			1000	948		ug/L		95	80 - 120		

Method: 6010D - Metals (ICP)

Lab Sample ID: MB 240-631272/1-A
Matrix: Water
Analysis Batch: 631477

Client Sample ID: Method Blank
Prep Type: Total Recoverable
Prep Batch: 631272

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	ND		15	4.1	ug/L		10/17/24 14:00	10/18/24 14:41	1
Barium	ND		200	1.3	ug/L		10/17/24 14:00	10/18/24 14:41	1
Cadmium	ND		5.0	0.45	ug/L		10/17/24 14:00	10/18/24 14:41	1
Chromium	ND		10	0.76	ug/L		10/17/24 14:00	10/18/24 14:41	1
Copper	ND		25	3.5	ug/L		10/17/24 14:00	10/18/24 14:41	1
Lead	ND		10	2.8	ug/L		10/17/24 14:00	10/18/24 14:41	1
Selenium	ND		20	6.0	ug/L		10/17/24 14:00	10/18/24 14:41	1
Silver	ND		10	1.4	ug/L		10/17/24 14:00	10/18/24 14:41	1
Zinc	ND		50	23	ug/L		10/17/24 14:00	10/18/24 14:41	1

Lab Sample ID: LCS 240-631272/2-A
Matrix: Water
Analysis Batch: 631477

Client Sample ID: Lab Control Sample
Prep Type: Total Recoverable
Prep Batch: 631272

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Arsenic	2000	1980		ug/L		99	80 - 120
Barium	2000	1880		ug/L		94	80 - 120
Cadmium	1000	962		ug/L		96	80 - 120
Chromium	1000	939		ug/L		94	80 - 120
Copper	1000	933		ug/L		93	80 - 120
Lead	1000	913		ug/L		91	80 - 120
Selenium	2000	1990		ug/L		99	80 - 120
Silver	100	96.0		ug/L		96	80 - 120
Zinc	1000	981		ug/L		98	80 - 120

Method: 7470A - Mercury (CVAA)

Lab Sample ID: MB 240-631052/1-A
Matrix: Water
Analysis Batch: 631304

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 631052

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	ND		0.20	0.13	ug/L		10/16/24 14:00	10/17/24 09:59	1

Lab Sample ID: LCS 240-631052/2-A
Matrix: Water
Analysis Batch: 631304

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 631052

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Mercury	5.00	5.02		ug/L		100	80 - 120

Lab Sample ID: MB 240-631275/1-A
Matrix: Water
Analysis Batch: 631505

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 631275

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	ND		0.20	0.13	ug/L		10/17/24 14:00	10/18/24 10:53	1

Method: 7470A - Mercury (CVAA) (Continued)

Lab Sample ID: LCS 240-631275/2-A
Matrix: Water
Analysis Batch: 631505

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 631275

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
Mercury			5.00	4.76		ug/L		95	80 - 120		

Method: 7196A - Chromium, Hexavalent

Lab Sample ID: MB 240-630964/3
Matrix: Water
Analysis Batch: 630964

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chromium, hexavalent	ND		0.020	0.0070	mg/L			10/15/24 18:23	1

Lab Sample ID: LCS 240-630964/4
Matrix: Water
Analysis Batch: 630964

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
Chromium, hexavalent			0.250	0.269		mg/L		108	85 - 115		

Lab Sample ID: 240-213112-1 MS
Matrix: Water
Analysis Batch: 630964

Client Sample ID: SB-15-GW-6-16
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits		
Chromium, hexavalent	ND		1.25	1.25		mg/L		100	85 - 115		

Lab Sample ID: 240-213112-1 MSD
Matrix: Water
Analysis Batch: 630964

Client Sample ID: SB-15-GW-6-16
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Chromium, hexavalent	ND		1.25	1.32		mg/L		105	85 - 115	5	20

Method: 9012B - Cyanide, Total andor Amenable

Lab Sample ID: MB 240-631851/1-A
Matrix: Water
Analysis Batch: 631931

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 631851

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cyanide, Total	ND		0.010	0.0060	mg/L		10/22/24 09:53	10/22/24 11:14	1

Lab Sample ID: LCS 240-631851/2-A
Matrix: Water
Analysis Batch: 631931

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 631851

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
Cyanide, Total			0.327	0.309		mg/L		94	85 - 115		

Method: 9012B - Cyanide, Total andor Amenable (Continued)

Lab Sample ID: MRL 240-631931/10
Matrix: Water
Analysis Batch: 631931

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte			Spike Added	MRL Result	MRL Qualifier	Unit	D	%Rec	%Rec Limits		
Cyanide, Total			0.0100	0.0102		mg/L		102	70 - 130		

Method: OIA-1677 - Cyanide, Free (Flow Injection)

Lab Sample ID: MB 410-568637/17
Matrix: Water
Analysis Batch: 568637

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cyanide, Free	ND		0.0060	0.0050	mg/L			10/28/24 13:32	1

Lab Sample ID: LCS 410-568637/16
Matrix: Water
Analysis Batch: 568637

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
Cyanide, Free			0.0500	0.0568		mg/L		114	82 - 132		

Lab Sample ID: 240-213112-1 MS
Matrix: Water
Analysis Batch: 568637

Client Sample ID: SB-15-GW-6-16
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits		
Cyanide, Free	0.0089		0.0500	0.0683		mg/L		119	82 - 130		

Lab Sample ID: 240-213112-1 MSD
Matrix: Water
Analysis Batch: 568637

Client Sample ID: SB-15-GW-6-16
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Cyanide, Free	0.0089		0.0500	0.0651		mg/L		112	82 - 130	5	11

GC/MS VOA

Analysis Batch: 631183

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
240-213112-1	SB-15-GW-6-16	Total/NA	Water	8260D	
240-213112-2	TB-3-20241015	Total/NA	Water	8260D	
MB 240-631183/10	Method Blank	Total/NA	Water	8260D	
LCS 240-631183/5	Lab Control Sample	Total/NA	Water	8260D	

GC/MS Semi VOA

Prep Batch: 630999

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
240-213112-1	SB-15-GW-6-16	Total/NA	Water	3510C LVI	
MB 240-630999/1-A	Method Blank	Total/NA	Water	3510C LVI	
LCS 240-630999/2-A	Lab Control Sample	Total/NA	Water	3510C LVI	

Analysis Batch: 631180

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
240-213112-1	SB-15-GW-6-16	Total/NA	Water	8270E	630999
MB 240-630999/1-A	Method Blank	Total/NA	Water	8270E	630999
LCS 240-630999/2-A	Lab Control Sample	Total/NA	Water	8270E	630999

GC Semi VOA

Prep Batch: 631000

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
240-213112-1	SB-15-GW-6-16	Total/NA	Water	3510C	
MB 240-631000/1-A	Method Blank	Total/NA	Water	3510C	
LCS 240-631000/2-A	Lab Control Sample	Total/NA	Water	3510C	

Analysis Batch: 631217

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
240-213112-1	SB-15-GW-6-16	Total/NA	Water	8082A	631000
MB 240-631000/1-A	Method Blank	Total/NA	Water	8082A	631000
LCS 240-631000/2-A	Lab Control Sample	Total/NA	Water	8082A	631000

Metals

Prep Batch: 631041

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
240-213112-1	SB-15-GW-6-16	Dissolved	Water	3005A	
MB 240-631041/1-A	Method Blank	Total Recoverable	Water	3005A	
LCS 240-631041/2-A	Lab Control Sample	Total Recoverable	Water	3005A	

Prep Batch: 631052

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
240-213112-1	SB-15-GW-6-16	Dissolved	Water	7470A	
MB 240-631052/1-A	Method Blank	Total/NA	Water	7470A	
LCS 240-631052/2-A	Lab Control Sample	Total/NA	Water	7470A	

Prep Batch: 631272

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
240-213112-1	SB-15-GW-6-16	Total Recoverable	Water	3005A	
MB 240-631272/1-A	Method Blank	Total Recoverable	Water	3005A	
LCS 240-631272/2-A	Lab Control Sample	Total Recoverable	Water	3005A	

Metals

Prep Batch: 631275

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
240-213112-1	SB-15-GW-6-16	Total/NA	Water	7470A	
MB 240-631275/1-A	Method Blank	Total/NA	Water	7470A	
LCS 240-631275/2-A	Lab Control Sample	Total/NA	Water	7470A	

Analysis Batch: 631304

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
240-213112-1	SB-15-GW-6-16	Dissolved	Water	7470A	631052
MB 240-631052/1-A	Method Blank	Total/NA	Water	7470A	631052
LCS 240-631052/2-A	Lab Control Sample	Total/NA	Water	7470A	631052

Analysis Batch: 631324

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
240-213112-1	SB-15-GW-6-16	Dissolved	Water	6010D	631041
MB 240-631041/1-A	Method Blank	Total Recoverable	Water	6010D	631041
LCS 240-631041/2-A	Lab Control Sample	Total Recoverable	Water	6010D	631041

Analysis Batch: 631477

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
240-213112-1	SB-15-GW-6-16	Total Recoverable	Water	6010D	631272
MB 240-631272/1-A	Method Blank	Total Recoverable	Water	6010D	631272
LCS 240-631272/2-A	Lab Control Sample	Total Recoverable	Water	6010D	631272

Analysis Batch: 631505

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
240-213112-1	SB-15-GW-6-16	Total/NA	Water	7470A	631275
MB 240-631275/1-A	Method Blank	Total/NA	Water	7470A	631275
LCS 240-631275/2-A	Lab Control Sample	Total/NA	Water	7470A	631275

General Chemistry

Analysis Batch: 568637

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
240-213112-1	SB-15-GW-6-16	Total/NA	Water	OIA-1677	
MB 410-568637/17	Method Blank	Total/NA	Water	OIA-1677	
LCS 410-568637/16	Lab Control Sample	Total/NA	Water	OIA-1677	
240-213112-1 MS	SB-15-GW-6-16	Total/NA	Water	OIA-1677	
240-213112-1 MSD	SB-15-GW-6-16	Total/NA	Water	OIA-1677	

Analysis Batch: 630964

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
240-213112-1	SB-15-GW-6-16	Dissolved	Water	7196A	
240-213112-1	SB-15-GW-6-16	Total/NA	Water	7196A	
MB 240-630964/3	Method Blank	Total/NA	Water	7196A	
LCS 240-630964/4	Lab Control Sample	Total/NA	Water	7196A	
240-213112-1 MS	SB-15-GW-6-16	Total/NA	Water	7196A	
240-213112-1 MSD	SB-15-GW-6-16	Total/NA	Water	7196A	

Prep Batch: 631851

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
240-213112-1	SB-15-GW-6-16	Total/NA	Water	9012B	
MB 240-631851/1-A	Method Blank	Total/NA	Water	9012B	

General Chemistry (Continued)

Prep Batch: 631851 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
LCS 240-631851/2-A	Lab Control Sample	Total/NA	Water	9012B	

Analysis Batch: 631931

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
240-213112-1	SB-15-GW-6-16	Total/NA	Water	9012B	631851
MB 240-631851/1-A	Method Blank	Total/NA	Water	9012B	631851
LCS 240-631851/2-A	Lab Control Sample	Total/NA	Water	9012B	631851
MRL 240-631931/10	Lab Control Sample	Total/NA	Water	9012B	

Lab Chronicle

Client: August Mack Environmental, Inc.
Job ID: 240-213112-1
Project/Site: MSC Canfield

Client Sample ID: SB-15-GW-6-16
Lab Sample ID: 240-213112-1
Date Collected: 10/15/24 09:30
Matrix: Water
Date Received: 10/15/24 16:11

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260D		1	631183	MS	EET CLE	10/17/24 17:42
Total/NA	Prep	3510C LVI			630999	GBS	EET CLE	10/16/24 08:24
Total/NA	Analysis	8270E		1	631180	MRU	EET CLE	10/17/24 13:01
Total/NA	Prep	3510C			631000	CR2J	EET CLE	10/16/24 08:25
Total/NA	Analysis	8082A		1	631217	LSH	EET CLE	10/17/24 15:42
Dissolved	Prep	3005A			631041	XWS6	EET CLE	10/16/24 14:00
Dissolved	Analysis	6010D		1	631324	RKT	EET CLE	10/18/24 00:14
Total Recoverable	Prep	3005A			631272	S4FJ	EET CLE	10/17/24 14:00
Total Recoverable	Analysis	6010D		1	631477	RKT	EET CLE	10/18/24 17:09
Dissolved	Prep	7470A			631052	XWS6	EET CLE	10/16/24 14:00
Dissolved	Analysis	7470A		1	631304	TQ6W	EET CLE	10/17/24 10:09
Total/NA	Prep	7470A			631275	S4FJ	EET CLE	10/17/24 14:00
Total/NA	Analysis	7470A		1	631505	TQ6W	EET CLE	10/18/24 11:12
Dissolved	Analysis	7196A		10	630964	VH6H	EET CLE	10/15/24 18:27
Total/NA	Analysis	7196A		5	630964	VH6H	EET CLE	10/15/24 18:24
Total/NA	Prep	9012B			631851	C5SV	EET CLE	10/22/24 09:53
Total/NA	Analysis	9012B		1	631931	C5SV	EET CLE	10/22/24 14:03
Total/NA	Analysis	OIA-1677		1	568637	UJE2	ELLE	10/28/24 13:34

Client Sample ID: TB-3-20241015
Lab Sample ID: 240-213112-2
Date Collected: 10/15/24 09:30
Matrix: Water
Date Received: 10/15/24 16:11

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260D		1	631183	MS	EET CLE	10/17/24 17:20

Laboratory References:

EET CLE = Eurofins Cleveland, 180 S. Van Buren Avenue, Barberton, OH 44203, TEL (330)497-9396

ELLE = Eurofins Lancaster Laboratories Environment Testing, LLC, 2425 New Holland Pike, Lancaster, PA 17601, TEL (717)656-2300

Accreditation/Certification Summary

Client: August Mack Environmental, Inc.
Project/Site: MSC Canfield

Job ID: 240-213112-1

Laboratory: Eurofins Cleveland

All accreditations/certifications held by this laboratory are listed. Not all accreditations/certifications are applicable to this report.

Authority	Program	Identification Number	Expiration Date
California	State	2927	02-28-25
Connecticut	State	PH-0806	12-31-26
Georgia	State	4062	02-27-25
Illinois	NELAP	200004	08-31-25
Iowa	State	421	06-01-25
Kentucky (UST)	State	112225	02-27-25
Kentucky (WW)	State	KY98016	12-30-24
Minnesota	NELAP	039-999-348	12-31-24
New Hampshire	NELAP	225024	09-30-25
New Jersey	NELAP	OH001	07-03-25
New York	NELAP	10975	04-02-25
Ohio VAP	State	ORELAP 4062	02-27-25
Oregon	NELAP	4062	02-27-25
Pennsylvania	NELAP	68-00340	08-31-25
Texas	NELAP	T104704517-22-19	08-31-25
USDA	US Federal Programs	P330-18-00281	01-05-27
Virginia	NELAP	460175	09-14-25
West Virginia DEP	State	210	12-31-24

Laboratory: Eurofins Lancaster Laboratories Environment Testing, LLC

All accreditations/certifications held by this laboratory are listed. Not all accreditations/certifications are applicable to this report.

Authority	Program	Identification Number	Expiration Date
A2LA	Dept. of Defense ELAP	0001.01	11-30-26
A2LA	ISO/IEC 17025	0001.01	11-30-26
Alabama	State	43200	01-31-25
Alaska	State	PA00009	06-30-25
Alaska (UST)	State	17-027	02-28-25
Arizona	State	AZ0780	03-12-25
Arkansas DEQ	State	88-00660	08-09-25
California	State	2792	11-30-24
Colorado	State	PA00009	06-30-25
Connecticut	State	PH-0746	06-30-25
DE Haz. Subst. Cleanup Act (HSCA)	State	019-006 (PA cert)	01-31-25
Delaware (DW)	State	N/A	01-31-25
Florida	NELAP	E87997	06-30-25
Georgia (DW)	State	C048	01-31-25
Hawaii	State	N/A	01-31-25
Illinois	NELAP	200027	01-31-25
Iowa	State	361	03-01-26
Kansas	NELAP	E-10151	10-31-24
Kentucky (DW)	State	KY90088	12-31-24
Kentucky (UST)	State	0001.01	11-30-26
Kentucky (WW)	State	KY90088	12-31-24
Louisiana (All)	NELAP	02055	06-30-25
Maine	State	2019012	03-12-25
Maryland	State	100	06-30-25
Massachusetts	State	M-PA009	06-30-25
Michigan	State	9930	01-31-25
Minnesota	NELAP	042-999-487	12-31-24

Accreditation/Certification Summary

Client: August Mack Environmental, Inc.
Project/Site: MSC Canfield

Job ID: 240-213112-1

Laboratory: Eurofins Lancaster Laboratories Environment Testing, LLC (Continued)

All accreditations/certifications held by this laboratory are listed. Not all accreditations/certifications are applicable to this report.

Authority	Program	Identification Number	Expiration Date
Mississippi	State	023	01-31-25
Missouri	State	450	01-31-25
Montana (DW)	State	0098	01-01-25
Nebraska	State	NE-OS-32-17	01-31-25
New Hampshire	NELAP	2730	01-10-25
New Jersey	NELAP	PA011	06-30-25
New York	NELAP	10670	04-01-25
North Carolina (DW)	State	42705	07-31-25
North Carolina (WW/SW)	State	521	12-31-25
North Dakota	State	R-205	01-31-24 *
Oklahoma	NELAP	9804	08-31-24 *
Oregon	NELAP	PA200001	09-11-25
Pennsylvania	NELAP	36-00037	01-31-25
Quebec Ministry of Environment and Fight against Climate Change	PALA	507	09-16-29
Rhode Island	State	LAO00338	12-30-24
South Carolina	State	89002	01-31-25
Tennessee	State	02838	01-31-25
Texas	NELAP	T104704194-23-46	08-31-25
USDA	US Federal Programs	525-22-298-19481	10-25-25
Vermont	State	VT - 36037	10-28-25
Virginia	NELAP	460182	06-14-25
Washington	State	C457	04-11-25
West Virginia (DW)	State	9906 C	01-31-25
West Virginia DEP	State	055	07-31-25
Wyoming	State	8TMS-L	01-31-25
Wyoming (UST)	A2LA	0001.01	11-30-26

* Accreditation/Certification renewal pending - accreditation/certification considered valid.

Chain of Custody Record 728928

eurofins | Environment Testing America

Address: _____

Regulatory Program: ☐ DW ☐ NPDES ☐ RCRA ☐ Other:

TAL-8210

Client Contact	Project Manager: Kain Lager-Lowe	Site Contact:	Date:	COC No:
Company Name: AME	Tel/Email: 740-548-1515	Lab Contact:	Carrier:	2 of 2 COCs
Address: 1830 N. Central Dr., Ste. B	Analysis Turnaround Time			Sampler:
City/State/Zip: Lewis Center OH, 43035	☐ CALENDAR DAYS ☐ WORKING DAYS			For Lab Use Only:
Phone: 740-548-1515	TAT if different from Below 3 day			Walk-in Client:
Fax:	☐ 2 weeks			Lab Sampling:
Project Name:	☐ 1 week			
Site: MSC Canfield	☐ 2 days			Job / SDG No.:
PO# 147380	☐ 1 day			

Sample Identification	Sample Date	Sample Time	Sample Type (C=Comp, G=Grab)	Matrix	# of Cont.	Filtered Sample (Y/N)	Perform MS / MSD (Y/N)	8260D-VOCs	8270E-SVOCs	8082A-PCBs	9012B-Total Cyanide	1677-Free Cyanide	6010D/7470A-Total RCRA 8, Cu, Zn	7196A-Total Hexavalent Chromium	6010D/7470A-Dissolved RCRA 8, Cu, Zn Field Filtered	7196A-Dissolved Hexavalent Chromium Field Filtered	Sample Specific Notes:
SB-15-GW-6-16	10/15/24	0730	G	water	13	X		X	X	X	X	X	X	X	X	X	
TB-3-20241015	10/15/24	\	\	\	1			X									

240-213112 COC

Preservation Used: 1= Ice, 2= HCl; 3= H2SO4; 4=HNO3; 5=NaOH; 6= Other _____

Possible Hazard Identification:
Are any samples from a listed EPA Hazardous Waste? Please List any EPA Waste Codes for the sample in the Comments Section if the lab is to dispose of the sample.

☐ Non-Hazard ☐ Flammable ☐ Skin Irritant ☐ Poison B ☐ Unknown

Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)

☐ Return to Client ☐ Disposal by Lab ☐ Archive for _____ Months

Special Instructions/QC Requirements & Comments:

Custody Seals Intact: ☐ Yes ☐ No | Custody Seal No.: | Cooler Temp. (°C): Obs'd: _____ Corr'd: _____ Therm ID No.: _____

Relinquished by:	Company:	Date/Time:	Received by:	Company:	Date/Time:
Nathan Byrd	AME	10/15/24 1502	[signature]	EUR	10/15/24 3:02PM
[signature]	EUR	10/15/24 4:11	[signature]	EUR	10/15/24 4:11
			Received in Laboratory by:		

Eurofins – Cleveland Sample Receipt Form/Narrative **Login # :** _____
Barberton Facility

Client AMS Site Name _____ Cooler unpacked by: TF

Cooler Received on 10/15/24 Opened on TF 10/16/24 10/15/24

FedEx. 1st Grd Exp UPS FAS Waypoint Client Drop Off (Eurofins Courier) Other _____

Receipt After-hours Drop-off Date/Time _____ Storage Location _____

Eurofins Cooler # _____ Foam Box Client Cooler Box Other _____

Packing material used. Bubble Wrap Foam Plastic Bag None Other _____

COOLANT: (Wet Ice) Blue Ice Dry Ice Water None

1 Cooler temperature upon receipt ☐ See Multiple Cooler Form

IR GUN # 18 (CF -0.3 °C) Observed Cooler Temp. 10.1 °C Corrected Cooler Temp. 9.8 °C

2. Were tamper/custody seals on the outside of the cooler(s)? If Yes Quantity_____	Yes (No)	**Tests that are not checked for pH by Receiving:**
-Were the seals on the outside of the cooler(s) signed & dated?	Yes No (NA)	**VOAs**
-Were tamper/custody seals on the bottle(s) or bottle kits (LLHg/MeHg)?	Yes (No)	**Oil and Grease**
-Were tamper/custody seals intact and uncompromised?	Yes No (NA)	**TOC**
3 Shippers' packing slip attached to the cooler(s)?	Yes (No)	
4. Did custody papers accompany the sample(s)?	(Yes) No	
5 Were the custody papers relinquished & signed in the appropriate place?	(Yes) No	
6. Was/were the person(s) who collected the samples clearly identified on the COC?	Yes (No)	
7 Did all bottles arrive in good condition (Unbroken)?	(Yes) No	
8. Could all bottle labels (ID/Date/Time) be reconciled with the COC?	(Yes) No	
9 For each sample, does the COC specify preservatives (Y/N), # of containers (Y/N), and sample type of grab/comp(Y/N)?		
10 Were correct bottle(s) used for the test(s) indicated?	(Yes) No	
11 Sufficient quantity received to perform indicated analyses?	(Yes) No	
12. Are these work share samples and all listed on the COC?	Yes (No)	
If yes, Questions 13-17 have been checked at the originating laboratory		
13 Were all preserved sample(s) at the correct pH upon receipt?	Yes (No) NA	pH Strip Lot# HC447997
14 Were VOAs on the COC?	(Yes) No	
15 Were air bubbles >6 mm in any VOA vials? ● ⬅ Larger than this.	Yes (No) NA	
16 Was a VOA trip blank present in the cooler(s)? Trip Blank Lot # 611550 TF	(Yes) No	
17 Was a LL Hg or Me Hg trip blank present? _____	Yes (No)	

Contacted PM _____ Date _____ by _____ via Verbal Voice Mail Other

Concerning _____

18. CHAIN OF CUSTODY & SAMPLE DISCREPANCIES ☐ additional next page | Samples processed by:

_____

_____

_____

_____

19. SAMPLE CONDITION

Sample(s) _____ were received after the recommended holding time had expired.

Sample(s) _____ were received in a broken container

Sample(s) _____ were received with bubble >6 mm in diameter (Notify PM)

20. SAMPLE PRESERVATION

Sample(s) _____ were further preserved in the laboratory

Time preserved: _____ Preservative(s) added/Lot number(s): _____

VOA Sample Preservation - Date/Time VOAs Frozen. _____

10/15/2024

Login Container Summary Report

240-213112

10/29/2024

Temperature readings _____

Client Sample ID	Lab ID	Container Type	Container pH	Container Temp	Preservation Added	Preservation Lot Number
SB-15-GW-6-16	240-213112-A-1	Voa Vial 40ml - Hydrochloric Acid				
SB-15-GW-6-16	240-213112-B-1	Voa Vial 40ml - Hydrochloric Acid				
SB-15-GW-6-16	240-213112-C-1	Voa Vial 40ml - Hydrochloric Acid				
SB-15-GW-6-16	240-213112-D-1	Amber Plastic 125 mL - NaOH	>12			
SB-15-GW-6-16	240-213112-E-1	Plastic 250ml - with Sodium Hydroxide				
SB-15-GW-6-16	240-213112-F-1	Amber Glass 250ml - unpreserved				
SB-15-GW-6-16	240-213112-G-1	Amber Glass 250ml - unpreserved				
SB-15-GW-6-16	240-213112-H-1	Plastic 500ml - unpreserved				
SB-15-GW-6-16	240-213112-I-1	Plastic 500 mL - unpreserved - dis				
SB-15-GW-6-16	240-213112-J-1	Plastic 500ml - with Nitric Acid	<2			
SB-15-GW-6-16	240-213112-K-1	Plastic 500ml - w/ Nitric - Dis	<2			
SB-15-GW-6-16	240-213112-L-1	Amber Glass 1 liter - unpreserved				
SB-15-GW-6-16	240-213112-M-1	Amber Glass 1 liter - unpreserved				
TB-3-20241015	240-213112-A-2	Voa Vial 40ml - Hydrochloric Acid				

Eurofins Cleveland
180 S. Van Buren Avenue
Barberton, OH 44203
Phone: 330-497-9396 Fax: 330-497-0772

Chain of Custody Record

eurofins | Environment Testing

Client Information (Sub Contract Lab)	Sampler:	Lab PM: Kalis, Nicole A	Carrier Tracking No(s):	COC No: 240-192221.1
Client Contact: Shipping/Receiving	Phone:	E-Mail: Nicole.Kalis@et.eurofinsus.com	State of Origin: Ohio	Page: Page 1 of 1
Company: Eurofins Lancaster Laboratories Environm		Accreditations Required (See note):		Job #: 240-213112-1
Address: 2425 New Holland Pike, ,	Due Date Requested: 10/28/2024	Analysis Requested		Preservation Codes: -
City: Lancaster	TAT Requested (days):			
State, Zip: PA, 17601				
Phone: 717-656-2300(Tel)	PO #:			
Email:	WO #:			
Project Name: MSC Canfield	Project #: 24033889			
Site:	SSOW#:			Other:

Sample Identification - Client ID (Lab ID)	Sample Date	Sample Time	Sample Type (C=comp, G=grab)	Matrix (W=water, S=solid, O=waste/oil, BT=Tissue, A=Air)	1677_Free/ Cyanide, Free	Special Instructions/Note:
SB-15-GW-6-16 (240-213112-1)	10/15/24	09:30 Eastern	G	Water	X	Use caution! Site contaminated with solvent waste

Note: Since laboratory accreditations are subject to change, Eurofins Environment Testing North Central, LLC places the ownership of method, analyte & accreditation compliance upon our subcontract laboratories. This sample shipment is forwarded under chain-of-custody. If the laboratory does not currently maintain accreditation in the State of Origin listed above for analysis/tests/matrix being analyzed, the samples must be shipped back to the Eurofins Environment Testing North Central, LLC laboratory or other instructions will be provided. Any changes to accreditation status should be brought to Eurofins Environment Testing North Central, LLC attention immediately. If all requested accreditations are current to date, return the signed Chain of Custody attesting to said compliance to Eurofins Environment Testing North Central, LLC.

Possible Hazard Identification *Unconfirmed*	*Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)* ☐ *Return To Client* ☐ *Disposal By Lab* ☐ *Archive For* _____ *Months*
Deliverable Requested: I, II, III, IV, Other (specify) Primary Deliverable Rank: 2	Special Instructions/QC Requirements:

Empty Kit Relinquished by:	Date:	Time:	Method of Shipment:		
Relinquished by: JESSICA RIGDON	Date/Time: 10-16-24 1600	Company: EETNC	Received by:	Date/Time:	Company
Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company
Relinquished by:	Date/Time:	Company	Received by: [signature]	Date/Time: 10/17/24 10:30	Company: ECCET
Custody Seals Intact: Δ Yes Δ No	Custody Seal No.:		Cooler Temperature(s) °C and Other Remarks: R3.2 - C2.8		

MB

Ver: 05/06/2024

Login Sample Receipt Checklist

Client: August Mack Environmental, Inc.

Job Number: 240-213112-1

Login Number: 213112
List Number: 2
Creator: Ballard, Megan

List Source: Eurofins Lancaster Laboratories Environment Testing, LLC
List Creation: 10/17/24 02:46 PM

Question	Answer	Comment
The cooler's custody seal is intact.	True	
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	True	
Cooler Temperature acceptable,where thermal pres is required(</=6C, not frozen).	True	
Cooler Temperature is recorded.	True	
WV:Container Temp acceptable,where thermal pres is required (</=6C, not frozen).	N/A	
WV: Container Temperature is recorded.	N/A	
COC is present.	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information.	True	
There are no discrepancies between the containers received and the COC.	True	
Sample containers have legible labels.	True	
Containers are not broken or leaking.	True	
Sample collection date/times are provided.	True	
Appropriate sample containers are used.	True	
Sample bottles are completely filled.	True	
There is sufficient vol. for all requested analyses.	True	
Is the Field Sampler's name present on COC?	False	Received project as a subcontract.
Sample custody seals are intact.	N/A	
VOA sample vials do not have headspace >6mm in diameter (none, if from WV)?	N/A	

eurofins | Environment Testing

ANALYTICAL REPORT

PREPARED FOR

Attn: Kain Lager-Lowe
August Mack Environmental, Inc.
7830 North Central Drive, Suite B
Lewis Center, Ohio 43035

Generated 10/29/2024 12:16:00 PM

JOB DESCRIPTION

MSC Canfield

JOB NUMBER

240-213135-1

Eurofins Cleveland
180 S. Van Buren Avenue
Barberton OH 44203

See page two for job notes and contact information.

my EOL

Job Notes

This report may not be reproduced except in full, and with written approval from the laboratory. The results relate only to the samples tested. For questions please contact the Project Manager at the e-mail address or telephone number listed on this page.

The test results in this report relate only to the samples as received by the laboratory and will meet all requirements of the methodology, with any exceptions noted. This report shall not be reproduced except in full, without the express written approval of the laboratory. All questions should be directed to the Eurofins Environment Testing North Central, LLC Project Manager.

Authorization



Generated
10/29/2024 12:16:00 PM

Authorized for release by
Nicole Kalis, Project Manager I
Nicole.Kalis@et.eurofinsus.com
(330)497-9396

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Qualifiers

GC/MS VOA

Qualifier	Qualifier Description
J	Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.

GC/MS Semi VOA

Qualifier	Qualifier Description
J	Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.

GC Semi VOA

Qualifier	Qualifier Description
J	Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.

Metals

Qualifier	Qualifier Description
J	Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.
L	A negative instrument reading had an absolute value greater than the reporting limit

General Chemistry

Qualifier	Qualifier Description
J	Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.

Glossary

Abbreviation	These commonly used abbreviations may or may not be present in this report.
☼	Listed under the "D" column to designate that the result is reported on a dry weight basis
%R	Percent Recovery
CFL	Contains Free Liquid
CFU	Colony Forming Unit
CNF	Contains No Free Liquid
DER	Duplicate Error Ratio (normalized absolute difference)
Dil Fac	Dilution Factor
DL	Detection Limit (DoD/DOE)
DL, RA, RE, IN	Indicates a Dilution, Re-analysis, Re-extraction, or additional Initial metals/anion analysis of the sample
DLC	Decision Level Concentration (Radiochemistry)
EDL	Estimated Detection Limit (Dioxin)
LOD	Limit of Detection (DoD/DOE)
LOQ	Limit of Quantitation (DoD/DOE)
MCL	EPA recommended "Maximum Contaminant Level"
MDA	Minimum Detectable Activity (Radiochemistry)
MDC	Minimum Detectable Concentration (Radiochemistry)
MDL	Method Detection Limit
ML	Minimum Level (Dioxin)
MPN	Most Probable Number
MQL	Method Quantitation Limit
NC	Not Calculated
ND	Not Detected at the reporting limit (or MDL or EDL if shown)
NEG	Negative / Absent
POS	Positive / Present
PQL	Practical Quantitation Limit
PRES	Presumptive
QC	Quality Control
RER	Relative Error Ratio (Radiochemistry)
RL	Reporting Limit or Requested Limit (Radiochemistry)
RPD	Relative Percent Difference, a measure of the relative difference between two points
TEF	Toxicity Equivalent Factor (Dioxin)
TEQ	Toxicity Equivalent Quotient (Dioxin)
TNTC	Too Numerous To Count

Job ID: 240-213135-1 Eurofins Cleveland

Job Narrative
240-213135-1

Analytical test results meet all requirements of the associated regulatory program listed on the Accreditation/Certification Summary Page unless otherwise noted under the individual analysis. Data qualifiers and/or narrative comments are included to explain any exceptions, if applicable.

- Matrix QC may not be reported if insufficient sample is provided or site-specific QC samples were not submitted. In these situations, to demonstrate precision and accuracy at a batch level, a LCS/LCSD may be performed, unless otherwise specified in the method.
- Surrogate and/or isotope dilution analyte recoveries (if applicable) which are outside of the QC window are confirmed unless attributed to a dilution or otherwise noted in the narrative.

Regulated compliance samples (e.g. SDWA, NPDES) must comply with the associated agency requirements/permits.

Receipt
The samples were received on 10/15/2024 4:11 PM. Unless otherwise noted below, the samples arrived in good condition, and, where required, properly preserved and on ice. The temperature of the cooler at receipt time was 1.4°C.

GC/MS VOA
Method 8260D: The continuing calibration verification (CCV) associated with batch 240-632577 recovered above the upper control limit for 1,1,2,2-Tetrachloroethane, Chloroethane and Trichlorofluoromethane. The samples associated with this CCV were non-detects for the affected analytes; therefore, the data have been reported. The associated samples are impacted: TB-2-20241014 (240-213135-6) and (240-213339-B-53).

Method 8260D: The matrix spike / matrix spike duplicate (MS/MSD) recoveries for analytical batch 240-632577 were outside control limits for one or more analytes. See QC Sample Results for detail. Sample matrix interference and/or non-homogeneity are suspected because the associated laboratory control sample (LCS) recovery is within acceptance limits.

Method 8260D: The continuing calibration verification (CCV) associated with batch 240-631586 recovered above the upper control limit for Dichlorodifluoromethane. The samples associated with this CCV were non-detects for the affected analytes; therefore, the data have been reported.

No additional analytical or quality issues were noted, other than those described above or in the Definitions/ Glossary page.

GC/MS Semi VOA
No additional analytical or quality issues were noted, other than those described above or in the Definitions/ Glossary page.

PCBs
Method 8082A: The following samples required a tetrabutylammonium sulfite (TBA) clean-up to reduce matrix interferences caused by sulfur: SB-16-4.0-6.0 (240-213135-8).

Method 8082A: The method blank for preparation batch 240-631672 contained 1242 above the reporting limit (RL). None of the samples associated with this method blank contained the target compound; therefore, re-extraction and/or re-analysis of samples were not performed.

No additional analytical or quality issues were noted, other than those described above or in the Definitions/ Glossary page.

Metals
No additional analytical or quality issues were noted, other than those described above or in the Definitions/ Glossary page.

General Chemistry
No additional analytical or quality issues were noted, other than those described above or in the Definitions/ Glossary page.

Method Summary

Client: August Mack Environmental, Inc.
Project/Site: MSC Canfield

Job ID: 240-213135-1

Method	Method Description	Protocol	Laboratory
8260D	Volatile Organic Compounds by GC/MS	SW846	EET CLE
8270E	Semivolatile Organic Compounds (GC/MS)	SW846	EET CLE
8082A	Polychlorinated Biphenyls (PCBs) by Gas Chromatography	SW846	EET CLE
6010D	Metals (ICP)	SW846	EET CLE
7471B	Mercury (CVAA)	SW846	EET CLE
7196A	Chromium, Hexavalent	SW846	ELLE
9012B	Cyanide, Total andor Amenable	SW846	EET CLE
Moisture	Percent Moisture	EPA	EET CLE
OIA-1677	Cyanide, Free (Flow Injection)	OI CORP	ELLE
3050B	Preparation, Metals	SW846	EET CLE
3060A	Alkaline Digestion (Chromium, Hexavalent)	SW846	ELLE
3546	Microwave Extraction	SW846	EET CLE
5030C	Purge and Trap	SW846	EET CLE
7471B	Preparation, Mercury	SW846	EET CLE
9012B	Cyanide, Total and/or Amenable, Distillation	SW846	EET CLE
D3987-85	ASTM Leaching Procedure	ASTM	ELLE

Protocol References:

ASTM = ASTM International

EPA = US Environmental Protection Agency

OI CORP = OI Corporation Instrument Manual.

SW846 = "Test Methods For Evaluating Solid Waste, Physical/Chemical Methods", Third Edition, November 1986 And Its Updates.

Laboratory References:

EET CLE = Eurofins Cleveland, 180 S. Van Buren Avenue, Barberton, OH 44203, TEL (330)497-9396

ELLE = Eurofins Lancaster Laboratories Environment Testing, LLC, 2425 New Holland Pike, Lancaster, PA 17601, TEL (717)656-2300

Sample Summary

Client: August Mack Environmental, Inc.
Project/Site: MSC Canfield

Job ID: 240-213135-1

Lab Sample ID	Client Sample ID	Matrix	Collected	Received
240-213135-1	SB-17-10.0-12.0	Solid	10/15/24 10:55	10/15/24 16:11
240-213135-2	SB-17-14.0-16.0	Solid	10/15/24 11:00	10/15/24 16:11
240-213135-3	SB-19-6.0-8.0	Solid	10/15/24 09:15	10/15/24 16:11
240-213135-4	SB-19-14.0-16.0	Solid	10/15/24 09:25	10/15/24 16:11
240-213135-5	SB-DUP-1.0	Solid	10/15/24 00:00	10/15/24 16:11
240-213135-6	TB-2-20241014	Water	10/15/24 00:00	10/15/24 16:11
240-213135-7	SB-16-12.0-14.0	Solid	10/14/24 15:25	10/15/24 16:11
240-213135-8	SB-16-4.0-6.0	Solid	10/14/24 15:15	10/15/24 16:11
240-213135-9	SB-20-4.0-6.0	Solid	10/15/24 13:00	10/15/24 16:11
240-213135-10	SB-20-14.0-16.0	Solid	10/15/24 13:20	10/15/24 16:11

Detection Summary

Client: August Mack Environmental, Inc.
Project/Site: MSC Canfield

Job ID: 240-213135-1

Client Sample ID: SB-17-10.0-12.0 — Lab Sample ID: 240-213135-1

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Arsenic	15		1.6	0.33	mg/Kg	1	☼	6010D	Total/NA
Barium	32		21	0.13	mg/Kg	1	☼	6010D	Total/NA
Cadmium	0.054	J	0.52	0.050	mg/Kg	1	☼	6010D	Total/NA
Chromium	13		1.0	0.36	mg/Kg	1	☼	6010D	Total/NA
Copper	18		2.6	0.73	mg/Kg	1	☼	6010D	Total/NA
Lead	11		1.0	0.29	mg/Kg	1	☼	6010D	Total/NA
Zinc	65		5.2	3.8	mg/Kg	1	☼	6010D	Total/NA
Mercury	0.028	J	0.11	0.020	mg/Kg	1	☼	7471B	Total/NA

Client Sample ID: SB-17-14.0-16.0 — Lab Sample ID: 240-213135-2

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
2-Methylnaphthalene	19	J	47	15	ug/Kg	1	☼	8270E	Total/NA
Phenanthrene	31	J	47	15	ug/Kg	1	☼	8270E	Total/NA
Arsenic	13		1.2	0.25	mg/Kg	1	☼	6010D	Total/NA
Barium	22		16	0.10	mg/Kg	1	☼	6010D	Total/NA
Chromium	12		0.80	0.28	mg/Kg	1	☼	6010D	Total/NA
Copper	17		2.0	0.56	mg/Kg	1	☼	6010D	Total/NA
Lead	9.7		0.80	0.23	mg/Kg	1	☼	6010D	Total/NA
Selenium	0.43	J	1.6	0.38	mg/Kg	1	☼	6010D	Total/NA
Zinc	60		4.0	2.9	mg/Kg	1	☼	6010D	Total/NA
Mercury	0.029	J	0.12	0.021	mg/Kg	1	☼	7471B	Total/NA

Client Sample ID: SB-19-6.0-8.0 — Lab Sample ID: 240-213135-3

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Arsenic	15		1.3	0.28	mg/Kg	1	☼	6010D	Total/NA
Barium	38		18	0.11	mg/Kg	1	☼	6010D	Total/NA
Cadmium	0.064	J	0.45	0.043	mg/Kg	1	☼	6010D	Total/NA
Chromium	13		0.89	0.31	mg/Kg	1	☼	6010D	Total/NA
Copper	18		2.2	0.63	mg/Kg	1	☼	6010D	Total/NA
Lead	11		0.89	0.25	mg/Kg	1	☼	6010D	Total/NA
Zinc	60		4.5	3.2	mg/Kg	1	☼	6010D	Total/NA
Mercury	0.035	J	0.12	0.022	mg/Kg	1	☼	7471B	Total/NA

Client Sample ID: SB-19-14.0-16.0 — Lab Sample ID: 240-213135-4

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
2-Methylnaphthalene	27	J	46	15	ug/Kg	1	☼	8270E	Total/NA
Benzo[b]fluoranthene	17	J	46	14	ug/Kg	1	☼	8270E	Total/NA
Benzo[g,h,i]perylene	44	J	46	31	ug/Kg	1	☼	8270E	Total/NA
Bis(2-ethylhexyl) phthalate	86	J	170	65	ug/Kg	1	☼	8270E	Total/NA
Chrysene	17	J	46	16	ug/Kg	1	☼	8270E	Total/NA
Phenanthrene	36	J	46	15	ug/Kg	1	☼	8270E	Total/NA
Pyrene	28	J	46	19	ug/Kg	1	☼	8270E	Total/NA
Arsenic	13		1.4	0.30	mg/Kg	1	☼	6010D	Total/NA
Barium	18	J	19	0.12	mg/Kg	1	☼	6010D	Total/NA
Chromium	11		0.94	0.32	mg/Kg	1	☼	6010D	Total/NA
Copper	18		2.4	0.66	mg/Kg	1	☼	6010D	Total/NA
Lead	10		0.94	0.27	mg/Kg	1	☼	6010D	Total/NA
Zinc	66		4.7	3.4	mg/Kg	1	☼	6010D	Total/NA
Mercury	0.030	J	0.12	0.021	mg/Kg	1	☼	7471B	Total/NA

This Detection Summary does not include radiochemical test results.

Detection Summary

Client: August Mack Environmental, Inc.
Project/Site: MSC Canfield

Job ID: 240-213135-1

Client Sample ID: SB-DUP-1.0 — Lab Sample ID: 240-213135-5

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Arsenic	15		1.4	0.30	mg/Kg	1	☼	6010D	Total/NA
Barium	37		19	0.12	mg/Kg	1	☼	6010D	Total/NA
Cadmium	0.053	J	0.47	0.045	mg/Kg	1	☼	6010D	Total/NA
Chromium	13		0.94	0.32	mg/Kg	1	☼	6010D	Total/NA
Copper	17		2.3	0.66	mg/Kg	1	☼	6010D	Total/NA
Lead	10		0.94	0.27	mg/Kg	1	☼	6010D	Total/NA
Zinc	60		4.7	3.4	mg/Kg	1	☼	6010D	Total/NA
Mercury	0.032	J	0.12	0.021	mg/Kg	1	☼	7471B	Total/NA

Client Sample ID: TB-2-20241014 — Lab Sample ID: 240-213135-6

No Detections.

Client Sample ID: SB-16-12.0-14.0 — Lab Sample ID: 240-213135-7

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Bis(2-ethylhexyl) phthalate	69	J	170	63	ug/Kg	1	☼	8270E	Total/NA
Arsenic	15		1.5	0.32	mg/Kg	1	☼	6010D	Total/NA
Barium	35		20	0.13	mg/Kg	1	☼	6010D	Total/NA
Cadmium	0.074	J	0.51	0.049	mg/Kg	1	☼	6010D	Total/NA
Chromium	11		1.0	0.35	mg/Kg	1	☼	6010D	Total/NA
Copper	18		2.5	0.71	mg/Kg	1	☼	6010D	Total/NA
Lead	12		1.0	0.29	mg/Kg	1	☼	6010D	Total/NA
Zinc	60		5.1	3.7	mg/Kg	1	☼	6010D	Total/NA
Mercury	0.038	J	0.13	0.023	mg/Kg	1	☼	7471B	Total/NA

Client Sample ID: SB-16-4.0-6.0 — Lab Sample ID: 240-213135-8

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
2-Butanone (MEK)	8.3	J	23	4.1	ug/Kg	1	☼	8260D	Total/NA
Acetone	87		29	24	ug/Kg	1	☼	8260D	Total/NA
Aroclor-1254	43	J	63	26	ug/Kg	1	☼	8082A	Total/NA
Arsenic	11		1.6	0.35	mg/Kg	1	☼	6010D	Total/NA
Barium	38		22	0.14	mg/Kg	1	☼	6010D	Total/NA
Chromium	17		1.1	0.38	mg/Kg	1	☼	6010D	Total/NA
Copper	18		2.7	0.77	mg/Kg	1	☼	6010D	Total/NA
Lead	10		1.1	0.31	mg/Kg	1	☼	6010D	Total/NA
Selenium	0.61	J	2.2	0.51	mg/Kg	1	☼	6010D	Total/NA
Zinc	48		5.5	4.0	mg/Kg	1	☼	6010D	Total/NA
Mercury	0.055	J	0.12	0.021	mg/Kg	1	☼	7471B	Total/NA
Cyanide, Total	5.2		0.73	0.58	mg/Kg	1	☼	9012B	Total/NA
Cyanide, Free	0.0089		0.0060	0.0050	mg/L	1		OIA-1677	ASTM Leach

Client Sample ID: SB-20-4.0-6.0 — Lab Sample ID: 240-213135-9

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Arsenic	15		1.3	0.28	mg/Kg	1	☼	6010D	Total/NA
Barium	37		18	0.11	mg/Kg	1	☼	6010D	Total/NA
Cadmium	0.059	J	0.44	0.042	mg/Kg	1	☼	6010D	Total/NA
Chromium	13		0.88	0.30	mg/Kg	1	☼	6010D	Total/NA
Copper	20		2.2	0.62	mg/Kg	1	☼	6010D	Total/NA
Lead	9.9		0.88	0.25	mg/Kg	1	☼	6010D	Total/NA
Zinc	60		4.4	3.2	mg/Kg	1	☼	6010D	Total/NA

This Detection Summary does not include radiochemical test results.

Client Sample ID: SB-20-4.0-6.0 (Continued)

Lab Sample ID: 240-213135-9

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Mercury	0.031	J	0.11	0.020	mg/Kg	1	☼	7471B	Total/NA

Client Sample ID: SB-20-14.0-16.0

Lab Sample ID: 240-213135-10

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Arsenic	12		1.5	0.32	mg/Kg	1	☼	6010D	Total/NA
Barium	57		20	0.13	mg/Kg	1	☼	6010D	Total/NA
Chromium	8.7		1.0	0.35	mg/Kg	1	☼	6010D	Total/NA
Copper	16		2.5	0.71	mg/Kg	1	☼	6010D	Total/NA
Lead	8.6		1.0	0.29	mg/Kg	1	☼	6010D	Total/NA
Zinc	58		5.1	3.7	mg/Kg	1	☼	6010D	Total/NA
Mercury	0.029	J	0.11	0.020	mg/Kg	1	☼	7471B	Total/NA
Cyanide, Free	0.0059	J	0.0060	0.0050	mg/L	1		OIA-1677	ASTM Leach

This Detection Summary does not include radiochemical test results.

Client: August Mack Environmental, Inc.
Project/Site: MSC Canfield

Job ID: 240-213135-1

Client Sample ID: SB-17-10.0-12.0
Date Collected: 10/15/24 10:55
Date Received: 10/15/24 16:11

Lab Sample ID: 240-213135-1
Matrix: Solid
Percent Solids: 86.7

Method: SW846 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		5.6	2.0	ug/Kg	☼	10/21/24 10:32	10/21/24 13:22	1
1,1,2,2-Tetrachloroethane	ND		5.6	1.6	ug/Kg	☼	10/21/24 10:32	10/21/24 13:22	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		5.6	1.4	ug/Kg	☼	10/21/24 10:32	10/21/24 13:22	1
1,1,2-Trichloroethane	ND		5.6	1.3	ug/Kg	☼	10/21/24 10:32	10/21/24 13:22	1
1,1-Dichloroethane	ND		5.6	1.6	ug/Kg	☼	10/21/24 10:32	10/21/24 13:22	1
1,1-Dichloroethene	ND		5.6	2.1	ug/Kg	☼	10/21/24 10:32	10/21/24 13:22	1
1,2,4-Trichlorobenzene	ND		5.6	2.8	ug/Kg	☼	10/21/24 10:32	10/21/24 13:22	1
1,2-Dibromo-3-Chloropropane	ND		11	4.1	ug/Kg	☼	10/21/24 10:32	10/21/24 13:22	1
Ethylene Dibromide	ND		5.6	1.9	ug/Kg	☼	10/21/24 10:32	10/21/24 13:22	1
1,2-Dichlorobenzene	ND		5.6	1.3	ug/Kg	☼	10/21/24 10:32	10/21/24 13:22	1
1,2-Dichloroethane	ND		5.6	2.0	ug/Kg	☼	10/21/24 10:32	10/21/24 13:22	1
1,2-Dichloropropane	ND		5.6	0.96	ug/Kg	☼	10/21/24 10:32	10/21/24 13:22	1
1,3-Dichlorobenzene	ND		5.6	1.9	ug/Kg	☼	10/21/24 10:32	10/21/24 13:22	1
1,4-Dichlorobenzene	ND		5.6	1.0	ug/Kg	☼	10/21/24 10:32	10/21/24 13:22	1
2-Butanone (MEK)	ND		23	4.0	ug/Kg	☼	10/21/24 10:32	10/21/24 13:22	1
2-Hexanone	ND		23	4.6	ug/Kg	☼	10/21/24 10:32	10/21/24 13:22	1
4-Methyl-2-pentanone (MIBK)	ND		23	4.2	ug/Kg	☼	10/21/24 10:32	10/21/24 13:22	1
Acetone	ND		28	24	ug/Kg	☼	10/21/24 10:32	10/21/24 13:22	1
Benzene	ND		5.6	1.7	ug/Kg	☼	10/21/24 10:32	10/21/24 13:22	1
Dichlorobromomethane	ND		5.6	1.7	ug/Kg	☼	10/21/24 10:32	10/21/24 13:22	1
Bromoform	ND		5.6	2.7	ug/Kg	☼	10/21/24 10:32	10/21/24 13:22	1
Bromomethane	ND		5.6	4.7	ug/Kg	☼	10/21/24 10:32	10/21/24 13:22	1
Carbon disulfide	ND		5.6	1.3	ug/Kg	☼	10/21/24 10:32	10/21/24 13:22	1
Carbon tetrachloride	ND		5.6	3.7	ug/Kg	☼	10/21/24 10:32	10/21/24 13:22	1
Chlorobenzene	ND		5.6	1.0	ug/Kg	☼	10/21/24 10:32	10/21/24 13:22	1
Chloroethane	ND		5.6	3.1	ug/Kg	☼	10/21/24 10:32	10/21/24 13:22	1
Chloroform	ND		5.6	2.0	ug/Kg	☼	10/21/24 10:32	10/21/24 13:22	1
Chloromethane	ND		5.6	2.6	ug/Kg	☼	10/21/24 10:32	10/21/24 13:22	1
cis-1,2-Dichloroethene	ND		5.6	1.7	ug/Kg	☼	10/21/24 10:32	10/21/24 13:22	1
cis-1,3-Dichloropropene	ND		5.6	3.2	ug/Kg	☼	10/21/24 10:32	10/21/24 13:22	1
Cyclohexane	ND		11	1.6	ug/Kg	☼	10/21/24 10:32	10/21/24 13:22	1
Chlorodibromomethane	ND		5.6	3.1	ug/Kg	☼	10/21/24 10:32	10/21/24 13:22	1
Dichlorodifluoromethane	ND		5.6	2.6	ug/Kg	☼	10/21/24 10:32	10/21/24 13:22	1
Ethylbenzene	ND		5.6	1.2	ug/Kg	☼	10/21/24 10:32	10/21/24 13:22	1
Isopropylbenzene	ND		5.6	2.2	ug/Kg	☼	10/21/24 10:32	10/21/24 13:22	1
Methyl acetate	ND		28	3.8	ug/Kg	☼	10/21/24 10:32	10/21/24 13:22	1
Methyl tert-butyl ether	ND		5.6	2.2	ug/Kg	☼	10/21/24 10:32	10/21/24 13:22	1
Methylcyclohexane	ND		11	1.4	ug/Kg	☼	10/21/24 10:32	10/21/24 13:22	1
Methylene Chloride	ND		28	14	ug/Kg	☼	10/21/24 10:32	10/21/24 13:22	1
Styrene	ND		5.6	1.3	ug/Kg	☼	10/21/24 10:32	10/21/24 13:22	1
Tetrachloroethene	ND		5.6	2.2	ug/Kg	☼	10/21/24 10:32	10/21/24 13:22	1
Toluene	ND		5.6	0.87	ug/Kg	☼	10/21/24 10:32	10/21/24 13:22	1
trans-1,2-Dichloroethene	ND		5.6	1.6	ug/Kg	☼	10/21/24 10:32	10/21/24 13:22	1
trans-1,3-Dichloropropene	ND		5.6	2.1	ug/Kg	☼	10/21/24 10:32	10/21/24 13:22	1
Trichloroethene	ND		5.6	1.6	ug/Kg	☼	10/21/24 10:32	10/21/24 13:22	1
Trichlorofluoromethane	ND		5.6	3.0	ug/Kg	☼	10/21/24 10:32	10/21/24 13:22	1
Vinyl chloride	ND		5.6	2.0	ug/Kg	☼	10/21/24 10:32	10/21/24 13:22	1
Xylenes, Total	ND		11	1.8	ug/Kg	☼	10/21/24 10:32	10/21/24 13:22	1

Client: August Mack Environmental, Inc.
Project/Site: MSC Canfield

Job ID: 240-213135-1

Client Sample ID: SB-17-10.0-12.0
Date Collected: 10/15/24 10:55
Date Received: 10/15/24 16:11

Lab Sample ID: 240-213135-1
Matrix: Solid
Percent Solids: 86.7

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
Toluene-d8 (Surr)	*96*		*56 - 125*	*10/21/24 10:32*	*10/21/24 13:22*	*1*
Dibromofluoromethane (Surr)	*95*		*41 - 138*	*10/21/24 10:32*	*10/21/24 13:22*	*1*
4-Bromofluorobenzene (Surr)	*87*		*41 - 143*	*10/21/24 10:32*	*10/21/24 13:22*	*1*
1,2-Dichloroethane-d4 (Surr)	*95*		*58 - 125*	*10/21/24 10:32*	*10/21/24 13:22*	*1*

Method: SW846 8270E - Semivolatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1'-Biphenyl	ND		110	31	ug/Kg	☼	10/18/24 08:17	10/21/24 18:39	1
bis (2-chloroisopropyl) ether	ND		110	29	ug/Kg	☼	10/18/24 08:17	10/21/24 18:39	1
2,4,5-Trichlorophenol	ND		170	37	ug/Kg	☼	10/18/24 08:17	10/21/24 18:39	1
2,4,6-Trichlorophenol	ND		170	33	ug/Kg	☼	10/18/24 08:17	10/21/24 18:39	1
2,4-Dichlorophenol	ND		170	30	ug/Kg	☼	10/18/24 08:17	10/21/24 18:39	1
2,4-Dimethylphenol	ND		170	40	ug/Kg	☼	10/18/24 08:17	10/21/24 18:39	1
2,4-Dinitrophenol	ND		370	190	ug/Kg	☼	10/18/24 08:17	10/21/24 18:39	1
2,4-Dinitrotoluene	ND		220	26	ug/Kg	☼	10/18/24 08:17	10/21/24 18:39	1
2,6-Dinitrotoluene	ND		220	40	ug/Kg	☼	10/18/24 08:17	10/21/24 18:39	1
2-Chloronaphthalene	ND		110	31	ug/Kg	☼	10/18/24 08:17	10/21/24 18:39	1
2-Chlorophenol	ND		110	29	ug/Kg	☼	10/18/24 08:17	10/21/24 18:39	1
2-Methylnaphthalene	ND		45	15	ug/Kg	☼	10/18/24 08:17	10/21/24 18:39	1
2-Methylphenol	ND		220	46	ug/Kg	☼	10/18/24 08:17	10/21/24 18:39	1
2-Nitroaniline	ND		220	43	ug/Kg	☼	10/18/24 08:17	10/21/24 18:39	1
2-Nitrophenol	ND		110	39	ug/Kg	☼	10/18/24 08:17	10/21/24 18:39	1
3,3'-Dichlorobenzidine	ND		170	110	ug/Kg	☼	10/18/24 08:17	10/21/24 18:39	1
3-Nitroaniline	ND		220	39	ug/Kg	☼	10/18/24 08:17	10/21/24 18:39	1
4,6-Dinitro-2-methylphenol	ND		370	120	ug/Kg	☼	10/18/24 08:17	10/21/24 18:39	1
4-Bromophenyl phenyl ether	ND		110	36	ug/Kg	☼	10/18/24 08:17	10/21/24 18:39	1
4-Chloro-3-methylphenol	ND		170	43	ug/Kg	☼	10/18/24 08:17	10/21/24 18:39	1
4-Chloroaniline	ND		170	18	ug/Kg	☼	10/18/24 08:17	10/21/24 18:39	1
4-Chlorophenyl phenyl ether	ND		110	31	ug/Kg	☼	10/18/24 08:17	10/21/24 18:39	1
4-Nitroaniline	ND		220	29	ug/Kg	☼	10/18/24 08:17	10/21/24 18:39	1
4-Nitrophenol	ND		370	100	ug/Kg	☼	10/18/24 08:17	10/21/24 18:39	1
Acenaphthene	ND		45	16	ug/Kg	☼	10/18/24 08:17	10/21/24 18:39	1
Acenaphthylene	ND		45	17	ug/Kg	☼	10/18/24 08:17	10/21/24 18:39	1
Acetophenone	ND		110	28	ug/Kg	☼	10/18/24 08:17	10/21/24 18:39	1
Anthracene	ND		45	13	ug/Kg	☼	10/18/24 08:17	10/21/24 18:39	1
Atrazine	ND		370	77	ug/Kg	☼	10/18/24 08:17	10/21/24 18:39	1
Benzaldehyde	ND		370	63	ug/Kg	☼	10/18/24 08:17	10/21/24 18:39	1
Benzo[a]anthracene	ND		45	17	ug/Kg	☼	10/18/24 08:17	10/21/24 18:39	1
Benzo[a]pyrene	ND		45	16	ug/Kg	☼	10/18/24 08:17	10/21/24 18:39	1
Benzo[b]fluoranthene	ND		45	13	ug/Kg	☼	10/18/24 08:17	10/21/24 18:39	1
Benzo[g,h,i]perylene	ND		45	30	ug/Kg	☼	10/18/24 08:17	10/21/24 18:39	1
Benzo[k]fluoranthene	ND		45	11	ug/Kg	☼	10/18/24 08:17	10/21/24 18:39	1
Bis(2-chloroethoxy)methane	ND		110	22	ug/Kg	☼	10/18/24 08:17	10/21/24 18:39	1
Bis(2-chloroethyl)ether	ND		110	25	ug/Kg	☼	10/18/24 08:17	10/21/24 18:39	1
Bis(2-ethylhexyl) phthalate	ND		170	63	ug/Kg	☼	10/18/24 08:17	10/21/24 18:39	1
Butyl benzyl phthalate	ND		170	57	ug/Kg	☼	10/18/24 08:17	10/21/24 18:39	1
Caprolactam	ND		370	77	ug/Kg	☼	10/18/24 08:17	10/21/24 18:39	1
Carbazole	ND		110	30	ug/Kg	☼	10/18/24 08:17	10/21/24 18:39	1
Chrysene	ND		45	16	ug/Kg	☼	10/18/24 08:17	10/21/24 18:39	1
Dibenz(a,h)anthracene	ND		45	17	ug/Kg	☼	10/18/24 08:17	10/21/24 18:39	1

Client Sample ID: SB-17-10.0-12.0
Date Collected: 10/15/24 10:55
Date Received: 10/15/24 16:11

Lab Sample ID: 240-213135-1
Matrix: Solid
Percent Solids: 86.7

Method: SW846 8270E - Semivolatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Dibenzofuran	ND		110	33	ug/Kg	☼	10/18/24 08:17	10/21/24 18:39	1
Diethyl phthalate	ND		170	48	ug/Kg	☼	10/18/24 08:17	10/21/24 18:39	1
Dimethyl phthalate	ND		170	45	ug/Kg	☼	10/18/24 08:17	10/21/24 18:39	1
Di-n-butyl phthalate	ND		170	57	ug/Kg	☼	10/18/24 08:17	10/21/24 18:39	1
Di-n-octyl phthalate	ND		170	56	ug/Kg	☼	10/18/24 08:17	10/21/24 18:39	1
Fluoranthene	ND		45	16	ug/Kg	☼	10/18/24 08:17	10/21/24 18:39	1
Fluorene	ND		45	16	ug/Kg	☼	10/18/24 08:17	10/21/24 18:39	1
Hexachlorobenzene	ND		45	16	ug/Kg	☼	10/18/24 08:17	10/21/24 18:39	1
Hexachlorobutadiene	ND		110	24	ug/Kg	☼	10/18/24 08:17	10/21/24 18:39	1
Hexachlorocyclopentadiene	ND		370	44	ug/Kg	☼	10/18/24 08:17	10/21/24 18:39	1
Hexachloroethane	ND		110	36	ug/Kg	☼	10/18/24 08:17	10/21/24 18:39	1
Indeno[1,2,3-cd]pyrene	ND		45	13	ug/Kg	☼	10/18/24 08:17	10/21/24 18:39	1
Isophorone	ND		110	29	ug/Kg	☼	10/18/24 08:17	10/21/24 18:39	1
N-Nitrosodi-n-propylamine	ND		110	42	ug/Kg	☼	10/18/24 08:17	10/21/24 18:39	1
N-Nitrosodiphenylamine	ND		110	30	ug/Kg	☼	10/18/24 08:17	10/21/24 18:39	1
Naphthalene	ND		45	15	ug/Kg	☼	10/18/24 08:17	10/21/24 18:39	1
Nitrobenzene	ND		110	25	ug/Kg	☼	10/18/24 08:17	10/21/24 18:39	1
Pentachlorophenol	ND		300	120	ug/Kg	☼	10/18/24 08:17	10/21/24 18:39	1
Phenanthrene	ND		45	15	ug/Kg	☼	10/18/24 08:17	10/21/24 18:39	1
Phenol	ND		110	43	ug/Kg	☼	10/18/24 08:17	10/21/24 18:39	1
Pyrene	ND		45	18	ug/Kg	☼	10/18/24 08:17	10/21/24 18:39	1
3 & 4 Methylphenol	ND		450	46	ug/Kg	☼	10/18/24 08:17	10/21/24 18:39	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Terphenyl-d14 (Surr)	*84*		*37 - 120*	*10/18/24 08:17*	*10/21/24 18:39*	*1*
Phenol-d5 (Surr)	*71*		*29 - 120*	*10/18/24 08:17*	*10/21/24 18:39*	*1*
Nitrobenzene-d5 (Surr)	*63*		*28 - 120*	*10/18/24 08:17*	*10/21/24 18:39*	*1*
2-Fluorophenol (Surr)	*73*		*26 - 120*	*10/18/24 08:17*	*10/21/24 18:39*	*1*
2-Fluorobiphenyl (Surr)	*69*		*36 - 120*	*10/18/24 08:17*	*10/21/24 18:39*	*1*
2,4,6-Tribromophenol (Surr)	*25*		*10 - 120*	*10/18/24 08:17*	*10/21/24 18:39*	*1*

Method: SW846 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aroclor-1016	ND		56	28	ug/Kg	☼	10/23/24 09:27	10/24/24 18:41	1
Aroclor-1221	ND		56	33	ug/Kg	☼	10/23/24 09:27	10/24/24 18:41	1
Aroclor-1232	ND		56	23	ug/Kg	☼	10/23/24 09:27	10/24/24 18:41	1
Aroclor-1242	ND		56	21	ug/Kg	☼	10/23/24 09:27	10/24/24 18:41	1
Aroclor-1248	ND		56	19	ug/Kg	☼	10/23/24 09:27	10/24/24 18:41	1
Aroclor-1254	ND		56	23	ug/Kg	☼	10/23/24 09:27	10/24/24 18:41	1
Aroclor-1260	ND		56	23	ug/Kg	☼	10/23/24 09:27	10/24/24 18:41	1
Aroclor-1262	ND		56	24	ug/Kg	☼	10/23/24 09:27	10/24/24 18:41	1
Aroclor-1268	ND		56	18	ug/Kg	☼	10/23/24 09:27	10/24/24 18:41	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Tetrachloro-m-xylene	*73*		*10 - 149*	*10/23/24 09:27*	*10/24/24 18:41*	*1*
DCB Decachlorobiphenyl	*62*		*10 - 174*	*10/23/24 09:27*	*10/24/24 18:41*	*1*

Method: SW846 6010D - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	**15**		1.6	0.33	mg/Kg	☼	10/17/24 15:00	10/18/24 22:28	1

Client: August Mack Environmental, Inc.
Project/Site: MSC Canfield

Job ID: 240-213135-1

Client Sample ID: SB-17-10.0-12.0
Date Collected: 10/15/24 10:55
Date Received: 10/15/24 16:11

Lab Sample ID: 240-213135-1
Matrix: Solid
Percent Solids: 86.7

Method: SW846 6010D - Metals (ICP) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Barium	32		21	0.13	mg/Kg	☼	10/17/24 15:00	10/18/24 22:28	1
Cadmium	0.054	J	0.52	0.050	mg/Kg	☼	10/17/24 15:00	10/18/24 22:28	1
Chromium	13		1.0	0.36	mg/Kg	☼	10/17/24 15:00	10/18/24 22:28	1
Copper	18		2.6	0.73	mg/Kg	☼	10/17/24 15:00	10/18/24 22:28	1
Lead	11		1.0	0.29	mg/Kg	☼	10/17/24 15:00	10/18/24 22:28	1
Selenium	ND		2.1	0.49	mg/Kg	☼	10/17/24 15:00	10/18/24 22:28	1
Silver	ND	L	1.0	0.084	mg/Kg	☼	10/17/24 15:00	10/18/24 22:28	1
Zinc	65		5.2	3.8	mg/Kg	☼	10/17/24 15:00	10/18/24 22:28	1

Method: SW846 7471B - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.028	J	0.11	0.020	mg/Kg	☼	10/17/24 15:00	10/18/24 10:29	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cr (VI) (SW846 7196A)	ND		0.51	0.17	mg/Kg	☼	10/26/24 02:33	10/27/24 07:02	1
Cyanide, Total (SW846 9012B)	ND		0.55	0.44	mg/Kg	☼	10/22/24 13:55	10/22/24 17:01	1

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Solids (EPA Moisture)	86.7		0.1	0.1	%			10/16/24 17:28	1
Percent Moisture (EPA Moisture)	13.3		0.1	0.1	%			10/16/24 17:28	1

General Chemistry - ASTM Leach

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cyanide, Free (OI CORP OIA-1677)	ND		0.0060	0.0050	mg/L			10/23/24 17:54	1

Client: August Mack Environmental, Inc.
Project/Site: MSC Canfield

Job ID: 240-213135-1

Client Sample ID: SB-17-14.0-16.0
Date Collected: 10/15/24 11:00
Date Received: 10/15/24 16:11

Lab Sample ID: 240-213135-2
Matrix: Solid
Percent Solids: 86.0

Method: SW846 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		5.7	2.0	ug/Kg	☼	10/21/24 10:32	10/21/24 13:43	1
1,1,2,2-Tetrachloroethane	ND		5.7	1.6	ug/Kg	☼	10/21/24 10:32	10/21/24 13:43	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		5.7	1.5	ug/Kg	☼	10/21/24 10:32	10/21/24 13:43	1
1,1,2-Trichloroethane	ND		5.7	1.3	ug/Kg	☼	10/21/24 10:32	10/21/24 13:43	1
1,1-Dichloroethane	ND		5.7	1.6	ug/Kg	☼	10/21/24 10:32	10/21/24 13:43	1
1,1-Dichloroethene	ND		5.7	2.1	ug/Kg	☼	10/21/24 10:32	10/21/24 13:43	1
1,2,4-Trichlorobenzene	ND		5.7	2.8	ug/Kg	☼	10/21/24 10:32	10/21/24 13:43	1
1,2-Dibromo-3-Chloropropane	ND		11	4.1	ug/Kg	☼	10/21/24 10:32	10/21/24 13:43	1
Ethylene Dibromide	ND		5.7	1.9	ug/Kg	☼	10/21/24 10:32	10/21/24 13:43	1
1,2-Dichlorobenzene	ND		5.7	1.3	ug/Kg	☼	10/21/24 10:32	10/21/24 13:43	1
1,2-Dichloroethane	ND		5.7	2.0	ug/Kg	☼	10/21/24 10:32	10/21/24 13:43	1
1,2-Dichloropropane	ND		5.7	0.97	ug/Kg	☼	10/21/24 10:32	10/21/24 13:43	1
1,3-Dichlorobenzene	ND		5.7	1.9	ug/Kg	☼	10/21/24 10:32	10/21/24 13:43	1
1,4-Dichlorobenzene	ND		5.7	1.0	ug/Kg	☼	10/21/24 10:32	10/21/24 13:43	1
2-Butanone (MEK)	ND		23	4.0	ug/Kg	☼	10/21/24 10:32	10/21/24 13:43	1
2-Hexanone	ND		23	4.6	ug/Kg	☼	10/21/24 10:32	10/21/24 13:43	1
4-Methyl-2-pentanone (MIBK)	ND		23	4.2	ug/Kg	☼	10/21/24 10:32	10/21/24 13:43	1
Acetone	ND		28	24	ug/Kg	☼	10/21/24 10:32	10/21/24 13:43	1
Benzene	ND		5.7	1.7	ug/Kg	☼	10/21/24 10:32	10/21/24 13:43	1
Dichlorobromomethane	ND		5.7	1.7	ug/Kg	☼	10/21/24 10:32	10/21/24 13:43	1
Bromoform	ND		5.7	2.7	ug/Kg	☼	10/21/24 10:32	10/21/24 13:43	1
Bromomethane	ND		5.7	4.7	ug/Kg	☼	10/21/24 10:32	10/21/24 13:43	1
Carbon disulfide	ND		5.7	1.3	ug/Kg	☼	10/21/24 10:32	10/21/24 13:43	1
Carbon tetrachloride	ND		5.7	3.7	ug/Kg	☼	10/21/24 10:32	10/21/24 13:43	1
Chlorobenzene	ND		5.7	1.0	ug/Kg	☼	10/21/24 10:32	10/21/24 13:43	1
Chloroethane	ND		5.7	3.1	ug/Kg	☼	10/21/24 10:32	10/21/24 13:43	1
Chloroform	ND		5.7	2.0	ug/Kg	☼	10/21/24 10:32	10/21/24 13:43	1
Chloromethane	ND		5.7	2.6	ug/Kg	☼	10/21/24 10:32	10/21/24 13:43	1
cis-1,2-Dichloroethene	ND		5.7	1.7	ug/Kg	☼	10/21/24 10:32	10/21/24 13:43	1
cis-1,3-Dichloropropene	ND		5.7	3.3	ug/Kg	☼	10/21/24 10:32	10/21/24 13:43	1
Cyclohexane	ND		11	1.6	ug/Kg	☼	10/21/24 10:32	10/21/24 13:43	1
Chlorodibromomethane	ND		5.7	3.2	ug/Kg	☼	10/21/24 10:32	10/21/24 13:43	1
Dichlorodifluoromethane	ND		5.7	2.6	ug/Kg	☼	10/21/24 10:32	10/21/24 13:43	1
Ethylbenzene	ND		5.7	1.2	ug/Kg	☼	10/21/24 10:32	10/21/24 13:43	1
Isopropylbenzene	ND		5.7	2.2	ug/Kg	☼	10/21/24 10:32	10/21/24 13:43	1
Methyl acetate	ND		28	3.9	ug/Kg	☼	10/21/24 10:32	10/21/24 13:43	1
Methyl tert-butyl ether	ND		5.7	2.2	ug/Kg	☼	10/21/24 10:32	10/21/24 13:43	1
Methylcyclohexane	ND		11	1.4	ug/Kg	☼	10/21/24 10:32	10/21/24 13:43	1
Methylene Chloride	ND		28	14	ug/Kg	☼	10/21/24 10:32	10/21/24 13:43	1
Styrene	ND		5.7	1.3	ug/Kg	☼	10/21/24 10:32	10/21/24 13:43	1
Tetrachloroethene	ND		5.7	2.2	ug/Kg	☼	10/21/24 10:32	10/21/24 13:43	1
Toluene	ND		5.7	0.88	ug/Kg	☼	10/21/24 10:32	10/21/24 13:43	1
trans-1,2-Dichloroethene	ND		5.7	1.6	ug/Kg	☼	10/21/24 10:32	10/21/24 13:43	1
trans-1,3-Dichloropropene	ND		5.7	2.1	ug/Kg	☼	10/21/24 10:32	10/21/24 13:43	1
Trichloroethene	ND		5.7	1.6	ug/Kg	☼	10/21/24 10:32	10/21/24 13:43	1
Trichlorofluoromethane	ND		5.7	3.1	ug/Kg	☼	10/21/24 10:32	10/21/24 13:43	1
Vinyl chloride	ND		5.7	2.0	ug/Kg	☼	10/21/24 10:32	10/21/24 13:43	1
Xylenes, Total	ND		11	1.8	ug/Kg	☼	10/21/24 10:32	10/21/24 13:43	1

Client Sample ID: SB-17-14.0-16.0
Date Collected: 10/15/24 11:00
Date Received: 10/15/24 16:11

Lab Sample ID: 240-213135-2
Matrix: Solid
Percent Solids: 86.0

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Toluene-d8 (Surr)	*98*		*56 - 125*	*10/21/24 10:32*	*10/21/24 13:43*	*1*
Dibromofluoromethane (Surr)	*97*		*41 - 138*	*10/21/24 10:32*	*10/21/24 13:43*	*1*
4-Bromofluorobenzene (Surr)	*89*		*41 - 143*	*10/21/24 10:32*	*10/21/24 13:43*	*1*
1,2-Dichloroethane-d4 (Surr)	*97*		*58 - 125*	*10/21/24 10:32*	*10/21/24 13:43*	*1*

Method: SW846 8270E - Semivolatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1'-Biphenyl	ND		120	33	ug/Kg	☼	10/18/24 08:17	10/21/24 19:27	1
bis (2-chloroisopropyl) ether	ND		120	31	ug/Kg	☼	10/18/24 08:17	10/21/24 19:27	1
2,4,5-Trichlorophenol	ND		180	39	ug/Kg	☼	10/18/24 08:17	10/21/24 19:27	1
2,4,6-Trichlorophenol	ND		180	34	ug/Kg	☼	10/18/24 08:17	10/21/24 19:27	1
2,4-Dichlorophenol	ND		180	32	ug/Kg	☼	10/18/24 08:17	10/21/24 19:27	1
2,4-Dimethylphenol	ND		180	42	ug/Kg	☼	10/18/24 08:17	10/21/24 19:27	1
2,4-Dinitrophenol	ND		390	200	ug/Kg	☼	10/18/24 08:17	10/21/24 19:27	1
2,4-Dinitrotoluene	ND		240	27	ug/Kg	☼	10/18/24 08:17	10/21/24 19:27	1
2,6-Dinitrotoluene	ND		240	42	ug/Kg	☼	10/18/24 08:17	10/21/24 19:27	1
2-Chloronaphthalene	ND		120	33	ug/Kg	☼	10/18/24 08:17	10/21/24 19:27	1
2-Chlorophenol	ND		120	31	ug/Kg	☼	10/18/24 08:17	10/21/24 19:27	1
2-Methylnaphthalene	**19**	**J**	47	15	ug/Kg	☼	10/18/24 08:17	10/21/24 19:27	1
2-Methylphenol	ND		240	48	ug/Kg	☼	10/18/24 08:17	10/21/24 19:27	1
2-Nitroaniline	ND		240	45	ug/Kg	☼	10/18/24 08:17	10/21/24 19:27	1
2-Nitrophenol	ND		120	41	ug/Kg	☼	10/18/24 08:17	10/21/24 19:27	1
3,3'-Dichlorobenzidine	ND		180	110	ug/Kg	☼	10/18/24 08:17	10/21/24 19:27	1
3-Nitroaniline	ND		240	41	ug/Kg	☼	10/18/24 08:17	10/21/24 19:27	1
4,6-Dinitro-2-methylphenol	ND		390	120	ug/Kg	☼	10/18/24 08:17	10/21/24 19:27	1
4-Bromophenyl phenyl ether	ND		120	38	ug/Kg	☼	10/18/24 08:17	10/21/24 19:27	1
4-Chloro-3-methylphenol	ND		180	45	ug/Kg	☼	10/18/24 08:17	10/21/24 19:27	1
4-Chloroaniline	ND		180	19	ug/Kg	☼	10/18/24 08:17	10/21/24 19:27	1
4-Chlorophenyl phenyl ether	ND		120	33	ug/Kg	☼	10/18/24 08:17	10/21/24 19:27	1
4-Nitroaniline	ND		240	31	ug/Kg	☼	10/18/24 08:17	10/21/24 19:27	1
4-Nitrophenol	ND		390	110	ug/Kg	☼	10/18/24 08:17	10/21/24 19:27	1
Acenaphthene	ND		47	16	ug/Kg	☼	10/18/24 08:17	10/21/24 19:27	1
Acenaphthylene	ND		47	18	ug/Kg	☼	10/18/24 08:17	10/21/24 19:27	1
Acetophenone	ND		120	29	ug/Kg	☼	10/18/24 08:17	10/21/24 19:27	1
Anthracene	ND		47	14	ug/Kg	☼	10/18/24 08:17	10/21/24 19:27	1
Atrazine	ND		390	81	ug/Kg	☼	10/18/24 08:17	10/21/24 19:27	1
Benzaldehyde	ND		390	66	ug/Kg	☼	10/18/24 08:17	10/21/24 19:27	1
Benzo[a]anthracene	ND		47	18	ug/Kg	☼	10/18/24 08:17	10/21/24 19:27	1
Benzo[a]pyrene	ND		47	16	ug/Kg	☼	10/18/24 08:17	10/21/24 19:27	1
Benzo[b]fluoranthene	ND		47	14	ug/Kg	☼	10/18/24 08:17	10/21/24 19:27	1
Benzo[g,h,i]perylene	ND		47	32	ug/Kg	☼	10/18/24 08:17	10/21/24 19:27	1
Benzo[k]fluoranthene	ND		47	12	ug/Kg	☼	10/18/24 08:17	10/21/24 19:27	1
Bis(2-chloroethoxy)methane	ND		120	24	ug/Kg	☼	10/18/24 08:17	10/21/24 19:27	1
Bis(2-chloroethyl)ether	ND		120	26	ug/Kg	☼	10/18/24 08:17	10/21/24 19:27	1
Bis(2-ethylhexyl) phthalate	ND		180	66	ug/Kg	☼	10/18/24 08:17	10/21/24 19:27	1
Butyl benzyl phthalate	ND		180	60	ug/Kg	☼	10/18/24 08:17	10/21/24 19:27	1
Caprolactam	ND		390	81	ug/Kg	☼	10/18/24 08:17	10/21/24 19:27	1
Carbazole	ND		120	32	ug/Kg	☼	10/18/24 08:17	10/21/24 19:27	1
Chrysene	ND		47	16	ug/Kg	☼	10/18/24 08:17	10/21/24 19:27	1
Dibenz(a,h)anthracene	ND		47	18	ug/Kg	☼	10/18/24 08:17	10/21/24 19:27	1

Client Sample ID: SB-17-14.0-16.0
Date Collected: 10/15/24 11:00
Date Received: 10/15/24 16:11

Lab Sample ID: 240-213135-2
Matrix: Solid
Percent Solids: 86.0

Method: SW846 8270E - Semivolatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Dibenzofuran	ND		120	34	ug/Kg	☼	10/18/24 08:17	10/21/24 19:27	1
Diethyl phthalate	ND		180	51	ug/Kg	☼	10/18/24 08:17	10/21/24 19:27	1
Dimethyl phthalate	ND		180	47	ug/Kg	☼	10/18/24 08:17	10/21/24 19:27	1
Di-n-butyl phthalate	ND		180	60	ug/Kg	☼	10/18/24 08:17	10/21/24 19:27	1
Di-n-octyl phthalate	ND		180	59	ug/Kg	☼	10/18/24 08:17	10/21/24 19:27	1
Fluoranthene	ND		47	16	ug/Kg	☼	10/18/24 08:17	10/21/24 19:27	1
Fluorene	ND		47	16	ug/Kg	☼	10/18/24 08:17	10/21/24 19:27	1
Hexachlorobenzene	ND		47	16	ug/Kg	☼	10/18/24 08:17	10/21/24 19:27	1
Hexachlorobutadiene	ND		120	25	ug/Kg	☼	10/18/24 08:17	10/21/24 19:27	1
Hexachlorocyclopentadiene	ND		390	46	ug/Kg	☼	10/18/24 08:17	10/21/24 19:27	1
Hexachloroethane	ND		120	38	ug/Kg	☼	10/18/24 08:17	10/21/24 19:27	1
Indeno[1,2,3-cd]pyrene	ND		47	14	ug/Kg	☼	10/18/24 08:17	10/21/24 19:27	1
Isophorone	ND		120	31	ug/Kg	☼	10/18/24 08:17	10/21/24 19:27	1
N-Nitrosodi-n-propylamine	ND		120	44	ug/Kg	☼	10/18/24 08:17	10/21/24 19:27	1
N-Nitrosodiphenylamine	ND		120	32	ug/Kg	☼	10/18/24 08:17	10/21/24 19:27	1
Naphthalene	ND		47	15	ug/Kg	☼	10/18/24 08:17	10/21/24 19:27	1
Nitrobenzene	ND		120	26	ug/Kg	☼	10/18/24 08:17	10/21/24 19:27	1
Pentachlorophenol	ND		320	120	ug/Kg	☼	10/18/24 08:17	10/21/24 19:27	1
Phenanthrene	**31**	**J**	47	15	ug/Kg	☼	10/18/24 08:17	10/21/24 19:27	1
Phenol	ND		120	45	ug/Kg	☼	10/18/24 08:17	10/21/24 19:27	1
Pyrene	ND		47	19	ug/Kg	☼	10/18/24 08:17	10/21/24 19:27	1
3 & 4 Methylphenol	ND		470	48	ug/Kg	☼	10/18/24 08:17	10/21/24 19:27	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Terphenyl-d14 (Surr)	*79*		*37 - 120*	*10/18/24 08:17*	*10/21/24 19:27*	*1*
Phenol-d5 (Surr)	*72*		*29 - 120*	*10/18/24 08:17*	*10/21/24 19:27*	*1*
Nitrobenzene-d5 (Surr)	*61*		*28 - 120*	*10/18/24 08:17*	*10/21/24 19:27*	*1*
2-Fluorophenol (Surr)	*72*		*26 - 120*	*10/18/24 08:17*	*10/21/24 19:27*	*1*
2-Fluorobiphenyl (Surr)	*67*		*36 - 120*	*10/18/24 08:17*	*10/21/24 19:27*	*1*
2,4,6-Tribromophenol (Surr)	*32*		*10 - 120*	*10/18/24 08:17*	*10/21/24 19:27*	*1*

Method: SW846 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aroclor-1016	ND		58	29	ug/Kg	☼	10/21/24 09:59	10/21/24 20:45	1
Aroclor-1221	ND		58	35	ug/Kg	☼	10/21/24 09:59	10/21/24 20:45	1
Aroclor-1232	ND		58	25	ug/Kg	☼	10/21/24 09:59	10/21/24 20:45	1
Aroclor-1242	ND		58	22	ug/Kg	☼	10/21/24 09:59	10/21/24 20:45	1
Aroclor-1248	ND		58	20	ug/Kg	☼	10/21/24 09:59	10/21/24 20:45	1
Aroclor-1254	ND		58	25	ug/Kg	☼	10/21/24 09:59	10/21/24 20:45	1
Aroclor-1260	ND		58	25	ug/Kg	☼	10/21/24 09:59	10/21/24 20:45	1
Aroclor-1262	ND		58	26	ug/Kg	☼	10/21/24 09:59	10/21/24 20:45	1
Aroclor-1268	ND		58	19	ug/Kg	☼	10/21/24 09:59	10/21/24 20:45	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Tetrachloro-m-xylene	*73*		*10 - 149*	*10/21/24 09:59*	*10/21/24 20:45*	*1*
DCB Decachlorobiphenyl	*68*		*10 - 174*	*10/21/24 09:59*	*10/21/24 20:45*	*1*

Method: SW846 6010D - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	**13**		1.2	0.25	mg/Kg	☼	10/17/24 15:00	10/18/24 22:32	1

Client: August Mack Environmental, Inc.
Project/Site: MSC Canfield

Job ID: 240-213135-1

Client Sample ID: SB-17-14.0-16.0
Date Collected: 10/15/24 11:00
Date Received: 10/15/24 16:11

Lab Sample ID: 240-213135-2
Matrix: Solid
Percent Solids: 86.0

Method: SW846 6010D - Metals (ICP) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Barium	**22**		16	0.10	mg/Kg	☼	10/17/24 15:00	10/18/24 22:32	1
Cadmium	ND		0.40	0.038	mg/Kg	☼	10/17/24 15:00	10/18/24 22:32	1
Chromium	**12**		0.80	0.28	mg/Kg	☼	10/17/24 15:00	10/18/24 22:32	1
Copper	**17**		2.0	0.56	mg/Kg	☼	10/17/24 15:00	10/18/24 22:32	1
Lead	**9.7**		0.80	0.23	mg/Kg	☼	10/17/24 15:00	10/18/24 22:32	1
Selenium	**0.43**	**J**	1.6	0.38	mg/Kg	☼	10/17/24 15:00	10/18/24 22:32	1
Silver	ND	L	0.80	0.065	mg/Kg	☼	10/17/24 15:00	10/18/24 22:32	1
Zinc	**60**		4.0	2.9	mg/Kg	☼	10/17/24 15:00	10/18/24 22:32	1

Method: SW846 7471B - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	**0.029**	**J**	0.12	0.021	mg/Kg	☼	10/17/24 15:00	10/18/24 10:31	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cr (VI) (SW846 7196A)	ND		0.50	0.17	mg/Kg	☼	10/26/24 02:33	10/27/24 07:02	1
Cyanide, Total (SW846 9012B)	ND		0.66	0.52	mg/Kg	☼	10/22/24 13:55	10/22/24 17:03	1

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Solids (EPA Moisture)	**86.0**		0.1	0.1	%			10/16/24 17:29	1
Percent Moisture (EPA Moisture)	**14.0**		0.1	0.1	%			10/16/24 17:29	1

General Chemistry - ASTM Leach

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cyanide, Free (OI CORP OIA-1677)	ND		0.0060	0.0050	mg/L			10/23/24 18:06	1

Client: August Mack Environmental, Inc.
Project/Site: MSC Canfield

Job ID: 240-213135-1

Client Sample ID: SB-19-6.0-8.0
Date Collected: 10/15/24 09:15
Date Received: 10/15/24 16:11

Lab Sample ID: 240-213135-3
Matrix: Solid
Percent Solids: 89.4

Method: SW846 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		5.3	1.9	ug/Kg	☼	10/21/24 10:32	10/21/24 14:05	1
1,1,2,2-Tetrachloroethane	ND		5.3	1.5	ug/Kg	☼	10/21/24 10:32	10/21/24 14:05	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		5.3	1.4	ug/Kg	☼	10/21/24 10:32	10/21/24 14:05	1
1,1,2-Trichloroethane	ND		5.3	1.2	ug/Kg	☼	10/21/24 10:32	10/21/24 14:05	1
1,1-Dichloroethane	ND		5.3	1.5	ug/Kg	☼	10/21/24 10:32	10/21/24 14:05	1
1,1-Dichloroethene	ND		5.3	1.9	ug/Kg	☼	10/21/24 10:32	10/21/24 14:05	1
1,2,4-Trichlorobenzene	ND		5.3	2.7	ug/Kg	☼	10/21/24 10:32	10/21/24 14:05	1
1,2-Dibromo-3-Chloropropane	ND		11	3.8	ug/Kg	☼	10/21/24 10:32	10/21/24 14:05	1
Ethylene Dibromide	ND		5.3	1.8	ug/Kg	☼	10/21/24 10:32	10/21/24 14:05	1
1,2-Dichlorobenzene	ND		5.3	1.2	ug/Kg	☼	10/21/24 10:32	10/21/24 14:05	1
1,2-Dichloroethane	ND		5.3	1.9	ug/Kg	☼	10/21/24 10:32	10/21/24 14:05	1
1,2-Dichloropropane	ND		5.3	0.91	ug/Kg	☼	10/21/24 10:32	10/21/24 14:05	1
1,3-Dichlorobenzene	ND		5.3	1.8	ug/Kg	☼	10/21/24 10:32	10/21/24 14:05	1
1,4-Dichlorobenzene	ND		5.3	0.94	ug/Kg	☼	10/21/24 10:32	10/21/24 14:05	1
2-Butanone (MEK)	ND		21	3.8	ug/Kg	☼	10/21/24 10:32	10/21/24 14:05	1
2-Hexanone	ND		21	4.3	ug/Kg	☼	10/21/24 10:32	10/21/24 14:05	1
4-Methyl-2-pentanone (MIBK)	ND		21	4.0	ug/Kg	☼	10/21/24 10:32	10/21/24 14:05	1
Acetone	ND		27	22	ug/Kg	☼	10/21/24 10:32	10/21/24 14:05	1
Benzene	ND		5.3	1.6	ug/Kg	☼	10/21/24 10:32	10/21/24 14:05	1
Dichlorobromomethane	ND		5.3	1.6	ug/Kg	☼	10/21/24 10:32	10/21/24 14:05	1
Bromoform	ND		5.3	2.6	ug/Kg	☼	10/21/24 10:32	10/21/24 14:05	1
Bromomethane	ND		5.3	4.4	ug/Kg	☼	10/21/24 10:32	10/21/24 14:05	1
Carbon disulfide	ND		5.3	1.2	ug/Kg	☼	10/21/24 10:32	10/21/24 14:05	1
Carbon tetrachloride	ND		5.3	3.5	ug/Kg	☼	10/21/24 10:32	10/21/24 14:05	1
Chlorobenzene	ND		5.3	0.98	ug/Kg	☼	10/21/24 10:32	10/21/24 14:05	1
Chloroethane	ND		5.3	2.9	ug/Kg	☼	10/21/24 10:32	10/21/24 14:05	1
Chloroform	ND		5.3	1.9	ug/Kg	☼	10/21/24 10:32	10/21/24 14:05	1
Chloromethane	ND		5.3	2.4	ug/Kg	☼	10/21/24 10:32	10/21/24 14:05	1
cis-1,2-Dichloroethene	ND		5.3	1.6	ug/Kg	☼	10/21/24 10:32	10/21/24 14:05	1
cis-1,3-Dichloropropene	ND		5.3	3.1	ug/Kg	☼	10/21/24 10:32	10/21/24 14:05	1
Cyclohexane	ND		11	1.5	ug/Kg	☼	10/21/24 10:32	10/21/24 14:05	1
Chlorodibromomethane	ND		5.3	3.0	ug/Kg	☼	10/21/24 10:32	10/21/24 14:05	1
Dichlorodifluoromethane	ND		5.3	2.4	ug/Kg	☼	10/21/24 10:32	10/21/24 14:05	1
Ethylbenzene	ND		5.3	1.1	ug/Kg	☼	10/21/24 10:32	10/21/24 14:05	1
Isopropylbenzene	ND		5.3	2.0	ug/Kg	☼	10/21/24 10:32	10/21/24 14:05	1
Methyl acetate	ND		27	3.6	ug/Kg	☼	10/21/24 10:32	10/21/24 14:05	1
Methyl tert-butyl ether	ND		5.3	2.1	ug/Kg	☼	10/21/24 10:32	10/21/24 14:05	1
Methylcyclohexane	ND		11	1.3	ug/Kg	☼	10/21/24 10:32	10/21/24 14:05	1
Methylene Chloride	ND		27	13	ug/Kg	☼	10/21/24 10:32	10/21/24 14:05	1
Styrene	ND		5.3	1.2	ug/Kg	☼	10/21/24 10:32	10/21/24 14:05	1
Tetrachloroethene	ND		5.3	2.0	ug/Kg	☼	10/21/24 10:32	10/21/24 14:05	1
Toluene	ND		5.3	0.82	ug/Kg	☼	10/21/24 10:32	10/21/24 14:05	1
trans-1,2-Dichloroethene	ND		5.3	1.5	ug/Kg	☼	10/21/24 10:32	10/21/24 14:05	1
trans-1,3-Dichloropropene	ND		5.3	1.9	ug/Kg	☼	10/21/24 10:32	10/21/24 14:05	1
Trichloroethene	ND		5.3	1.5	ug/Kg	☼	10/21/24 10:32	10/21/24 14:05	1
Trichlorofluoromethane	ND		5.3	2.9	ug/Kg	☼	10/21/24 10:32	10/21/24 14:05	1
Vinyl chloride	ND		5.3	1.9	ug/Kg	☼	10/21/24 10:32	10/21/24 14:05	1
Xylenes, Total	ND		11	1.7	ug/Kg	☼	10/21/24 10:32	10/21/24 14:05	1

Client Sample ID: SB-19-6.0-8.0
Date Collected: 10/15/24 09:15
Date Received: 10/15/24 16:11

Lab Sample ID: 240-213135-3
Matrix: Solid
Percent Solids: 89.4

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Toluene-d8 (Surr)	*97*		*56 - 125*	*10/21/24 10:32*	*10/21/24 14:05*	*1*
Dibromofluoromethane (Surr)	*98*		*41 - 138*	*10/21/24 10:32*	*10/21/24 14:05*	*1*
4-Bromofluorobenzene (Surr)	*89*		*41 - 143*	*10/21/24 10:32*	*10/21/24 14:05*	*1*
1,2-Dichloroethane-d4 (Surr)	*100*		*58 - 125*	*10/21/24 10:32*	*10/21/24 14:05*	*1*

Method: SW846 8270E - Semivolatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1'-Biphenyl	ND		110	31	ug/Kg	☼	10/18/24 08:17	10/22/24 10:27	1
bis (2-chloroisopropyl) ether	ND		110	29	ug/Kg	☼	10/18/24 08:17	10/22/24 10:27	1
2,4,5-Trichlorophenol	ND		170	37	ug/Kg	☼	10/18/24 08:17	10/22/24 10:27	1
2,4,6-Trichlorophenol	ND		170	32	ug/Kg	☼	10/18/24 08:17	10/22/24 10:27	1
2,4-Dichlorophenol	ND		170	30	ug/Kg	☼	10/18/24 08:17	10/22/24 10:27	1
2,4-Dimethylphenol	ND		170	40	ug/Kg	☼	10/18/24 08:17	10/22/24 10:27	1
2,4-Dinitrophenol	ND		370	190	ug/Kg	☼	10/18/24 08:17	10/22/24 10:27	1
2,4-Dinitrotoluene	ND		220	26	ug/Kg	☼	10/18/24 08:17	10/22/24 10:27	1
2,6-Dinitrotoluene	ND		220	40	ug/Kg	☼	10/18/24 08:17	10/22/24 10:27	1
2-Chloronaphthalene	ND		110	31	ug/Kg	☼	10/18/24 08:17	10/22/24 10:27	1
2-Chlorophenol	ND		110	29	ug/Kg	☼	10/18/24 08:17	10/22/24 10:27	1
2-Methylnaphthalene	ND		45	15	ug/Kg	☼	10/18/24 08:17	10/22/24 10:27	1
2-Methylphenol	ND		220	46	ug/Kg	☼	10/18/24 08:17	10/22/24 10:27	1
2-Nitroaniline	ND		220	42	ug/Kg	☼	10/18/24 08:17	10/22/24 10:27	1
2-Nitrophenol	ND		110	39	ug/Kg	☼	10/18/24 08:17	10/22/24 10:27	1
3,3'-Dichlorobenzidine	ND		170	110	ug/Kg	☼	10/18/24 08:17	10/22/24 10:27	1
3-Nitroaniline	ND		220	39	ug/Kg	☼	10/18/24 08:17	10/22/24 10:27	1
4,6-Dinitro-2-methylphenol	ND		370	120	ug/Kg	☼	10/18/24 08:17	10/22/24 10:27	1
4-Bromophenyl phenyl ether	ND		110	36	ug/Kg	☼	10/18/24 08:17	10/22/24 10:27	1
4-Chloro-3-methylphenol	ND		170	42	ug/Kg	☼	10/18/24 08:17	10/22/24 10:27	1
4-Chloroaniline	ND		170	18	ug/Kg	☼	10/18/24 08:17	10/22/24 10:27	1
4-Chlorophenyl phenyl ether	ND		110	31	ug/Kg	☼	10/18/24 08:17	10/22/24 10:27	1
4-Nitroaniline	ND		220	29	ug/Kg	☼	10/18/24 08:17	10/22/24 10:27	1
4-Nitrophenol	ND		370	100	ug/Kg	☼	10/18/24 08:17	10/22/24 10:27	1
Acenaphthene	ND		45	16	ug/Kg	☼	10/18/24 08:17	10/22/24 10:27	1
Acenaphthylene	ND		45	17	ug/Kg	☼	10/18/24 08:17	10/22/24 10:27	1
Acetophenone	ND		110	28	ug/Kg	☼	10/18/24 08:17	10/22/24 10:27	1
Anthracene	ND		45	13	ug/Kg	☼	10/18/24 08:17	10/22/24 10:27	1
Atrazine	ND		370	77	ug/Kg	☼	10/18/24 08:17	10/22/24 10:27	1
Benzaldehyde	ND		370	63	ug/Kg	☼	10/18/24 08:17	10/22/24 10:27	1
Benzo[a]anthracene	ND		45	17	ug/Kg	☼	10/18/24 08:17	10/22/24 10:27	1
Benzo[a]pyrene	ND		45	16	ug/Kg	☼	10/18/24 08:17	10/22/24 10:27	1
Benzo[b]fluoranthene	ND		45	13	ug/Kg	☼	10/18/24 08:17	10/22/24 10:27	1
Benzo[g,h,i]perylene	ND		45	30	ug/Kg	☼	10/18/24 08:17	10/22/24 10:27	1
Benzo[k]fluoranthene	ND		45	11	ug/Kg	☼	10/18/24 08:17	10/22/24 10:27	1
Bis(2-chloroethoxy)methane	ND		110	22	ug/Kg	☼	10/18/24 08:17	10/22/24 10:27	1
Bis(2-chloroethyl)ether	ND		110	25	ug/Kg	☼	10/18/24 08:17	10/22/24 10:27	1
Bis(2-ethylhexyl) phthalate	ND		170	63	ug/Kg	☼	10/18/24 08:17	10/22/24 10:27	1
Butyl benzyl phthalate	ND		170	57	ug/Kg	☼	10/18/24 08:17	10/22/24 10:27	1
Caprolactam	ND		370	77	ug/Kg	☼	10/18/24 08:17	10/22/24 10:27	1
Carbazole	ND		110	30	ug/Kg	☼	10/18/24 08:17	10/22/24 10:27	1
Chrysene	ND		45	16	ug/Kg	☼	10/18/24 08:17	10/22/24 10:27	1
Dibenz(a,h)anthracene	ND		45	17	ug/Kg	☼	10/18/24 08:17	10/22/24 10:27	1

Client Sample ID: SB-19-6.0-8.0
Date Collected: 10/15/24 09:15
Date Received: 10/15/24 16:11

Lab Sample ID: 240-213135-3
Matrix: Solid
Percent Solids: 89.4

Method: SW846 8270E - Semivolatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Dibenzofuran	ND		110	32	ug/Kg	☼	10/18/24 08:17	10/22/24 10:27	1
Diethyl phthalate	ND		170	48	ug/Kg	☼	10/18/24 08:17	10/22/24 10:27	1
Dimethyl phthalate	ND		170	45	ug/Kg	☼	10/18/24 08:17	10/22/24 10:27	1
Di-n-butyl phthalate	ND		170	57	ug/Kg	☼	10/18/24 08:17	10/22/24 10:27	1
Di-n-octyl phthalate	ND		170	56	ug/Kg	☼	10/18/24 08:17	10/22/24 10:27	1
Fluoranthene	ND		45	16	ug/Kg	☼	10/18/24 08:17	10/22/24 10:27	1
Fluorene	ND		45	16	ug/Kg	☼	10/18/24 08:17	10/22/24 10:27	1
Hexachlorobenzene	ND		45	16	ug/Kg	☼	10/18/24 08:17	10/22/24 10:27	1
Hexachlorobutadiene	ND		110	23	ug/Kg	☼	10/18/24 08:17	10/22/24 10:27	1
Hexachlorocyclopentadiene	ND		370	44	ug/Kg	☼	10/18/24 08:17	10/22/24 10:27	1
Hexachloroethane	ND		110	36	ug/Kg	☼	10/18/24 08:17	10/22/24 10:27	1
Indeno[1,2,3-cd]pyrene	ND		45	13	ug/Kg	☼	10/18/24 08:17	10/22/24 10:27	1
Isophorone	ND		110	29	ug/Kg	☼	10/18/24 08:17	10/22/24 10:27	1
N-Nitrosodi-n-propylamine	ND		110	41	ug/Kg	☼	10/18/24 08:17	10/22/24 10:27	1
N-Nitrosodiphenylamine	ND		110	30	ug/Kg	☼	10/18/24 08:17	10/22/24 10:27	1
Naphthalene	ND		45	15	ug/Kg	☼	10/18/24 08:17	10/22/24 10:27	1
Nitrobenzene	ND		110	25	ug/Kg	☼	10/18/24 08:17	10/22/24 10:27	1
Pentachlorophenol	ND		300	120	ug/Kg	☼	10/18/24 08:17	10/22/24 10:27	1
Phenanthrene	ND		45	15	ug/Kg	☼	10/18/24 08:17	10/22/24 10:27	1
Phenol	ND		110	42	ug/Kg	☼	10/18/24 08:17	10/22/24 10:27	1
Pyrene	ND		45	18	ug/Kg	☼	10/18/24 08:17	10/22/24 10:27	1
3 & 4 Methylphenol	ND		450	46	ug/Kg	☼	10/18/24 08:17	10/22/24 10:27	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Terphenyl-d14 (Surr)	*79*		*37 - 120*	*10/18/24 08:17*	*10/22/24 10:27*	*1*
Phenol-d5 (Surr)	*72*		*29 - 120*	*10/18/24 08:17*	*10/22/24 10:27*	*1*
Nitrobenzene-d5 (Surr)	*62*		*28 - 120*	*10/18/24 08:17*	*10/22/24 10:27*	*1*
2-Fluorophenol (Surr)	*71*		*26 - 120*	*10/18/24 08:17*	*10/22/24 10:27*	*1*
2-Fluorobiphenyl (Surr)	*65*		*36 - 120*	*10/18/24 08:17*	*10/22/24 10:27*	*1*
2,4,6-Tribromophenol (Surr)	*50*		*10 - 120*	*10/18/24 08:17*	*10/22/24 10:27*	*1*

Method: SW846 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aroclor-1016	ND		57	29	ug/Kg	☼	10/21/24 09:59	10/21/24 21:01	1
Aroclor-1221	ND		57	34	ug/Kg	☼	10/21/24 09:59	10/21/24 21:01	1
Aroclor-1232	ND		57	24	ug/Kg	☼	10/21/24 09:59	10/21/24 21:01	1
Aroclor-1242	ND		57	22	ug/Kg	☼	10/21/24 09:59	10/21/24 21:01	1
Aroclor-1248	ND		57	20	ug/Kg	☼	10/21/24 09:59	10/21/24 21:01	1
Aroclor-1254	ND		57	24	ug/Kg	☼	10/21/24 09:59	10/21/24 21:01	1
Aroclor-1260	ND		57	24	ug/Kg	☼	10/21/24 09:59	10/21/24 21:01	1
Aroclor-1262	ND		57	25	ug/Kg	☼	10/21/24 09:59	10/21/24 21:01	1
Aroclor-1268	ND		57	18	ug/Kg	☼	10/21/24 09:59	10/21/24 21:01	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Tetrachloro-m-xylene	*75*		*10 - 149*	*10/21/24 09:59*	*10/21/24 21:01*	*1*
DCB Decachlorobiphenyl	*79*		*10 - 174*	*10/21/24 09:59*	*10/21/24 21:01*	*1*

Method: SW846 6010D - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	**15**		1.3	0.28	mg/Kg	☼	10/17/24 15:00	10/18/24 22:37	1

Client: August Mack Environmental, Inc.
Project/Site: MSC Canfield

Job ID: 240-213135-1

Client Sample ID: SB-19-6.0-8.0
Date Collected: 10/15/24 09:15
Date Received: 10/15/24 16:11

Lab Sample ID: 240-213135-3
Matrix: Solid
Percent Solids: 89.4

Method: SW846 6010D - Metals (ICP) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Barium	38		18	0.11	mg/Kg	☼	10/17/24 15:00	10/18/24 22:37	1
Cadmium	0.064	J	0.45	0.043	mg/Kg	☼	10/17/24 15:00	10/18/24 22:37	1
Chromium	13		0.89	0.31	mg/Kg	☼	10/17/24 15:00	10/18/24 22:37	1
Copper	18		2.2	0.63	mg/Kg	☼	10/17/24 15:00	10/18/24 22:37	1
Lead	11		0.89	0.25	mg/Kg	☼	10/17/24 15:00	10/18/24 22:37	1
Selenium	ND		1.8	0.42	mg/Kg	☼	10/17/24 15:00	10/18/24 22:37	1
Silver	ND	L	0.89	0.072	mg/Kg	☼	10/17/24 15:00	10/18/24 22:37	1
Zinc	60		4.5	3.2	mg/Kg	☼	10/17/24 15:00	10/18/24 22:37	1

Method: SW846 7471B - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.035	J	0.12	0.022	mg/Kg	☼	10/17/24 15:00	10/18/24 10:36	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cr (VI) (SW846 7196A)	ND		0.48	0.16	mg/Kg	☼	10/26/24 02:33	10/27/24 07:02	1
Cyanide, Total (SW846 9012B)	ND		0.67	0.53	mg/Kg	☼	10/22/24 13:55	10/22/24 17:05	1

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Solids (EPA Moisture)	89.4		0.1	0.1	%			10/16/24 17:30	1
Percent Moisture (EPA Moisture)	10.6		0.1	0.1	%			10/16/24 17:30	1

General Chemistry - ASTM Leach

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cyanide, Free (OI CORP OIA-1677)	ND		0.0060	0.0050	mg/L			10/23/24 17:59	1

Client: August Mack Environmental, Inc.
Project/Site: MSC Canfield

Job ID: 240-213135-1

Client Sample ID: SB-19-14.0-16.0
Date Collected: 10/15/24 09:25
Date Received: 10/15/24 16:11

Lab Sample ID: 240-213135-4
Matrix: Solid
Percent Solids: 84.4

Method: SW846 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		5.8	2.0	ug/Kg	☼	10/21/24 10:32	10/21/24 14:26	1
1,1,2,2-Tetrachloroethane	ND		5.8	1.7	ug/Kg	☼	10/21/24 10:32	10/21/24 14:26	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		5.8	1.5	ug/Kg	☼	10/21/24 10:32	10/21/24 14:26	1
1,1,2-Trichloroethane	ND		5.8	1.3	ug/Kg	☼	10/21/24 10:32	10/21/24 14:26	1
1,1-Dichloroethane	ND		5.8	1.6	ug/Kg	☼	10/21/24 10:32	10/21/24 14:26	1
1,1-Dichloroethene	ND		5.8	2.1	ug/Kg	☼	10/21/24 10:32	10/21/24 14:26	1
1,2,4-Trichlorobenzene	ND		5.8	2.9	ug/Kg	☼	10/21/24 10:32	10/21/24 14:26	1
1,2-Dibromo-3-Chloropropane	ND		12	4.2	ug/Kg	☼	10/21/24 10:32	10/21/24 14:26	1
Ethylene Dibromide	ND		5.8	1.9	ug/Kg	☼	10/21/24 10:32	10/21/24 14:26	1
1,2-Dichlorobenzene	ND		5.8	1.3	ug/Kg	☼	10/21/24 10:32	10/21/24 14:26	1
1,2-Dichloroethane	ND		5.8	2.1	ug/Kg	☼	10/21/24 10:32	10/21/24 14:26	1
1,2-Dichloropropane	ND		5.8	0.98	ug/Kg	☼	10/21/24 10:32	10/21/24 14:26	1
1,3-Dichlorobenzene	ND		5.8	1.9	ug/Kg	☼	10/21/24 10:32	10/21/24 14:26	1
1,4-Dichlorobenzene	ND		5.8	1.0	ug/Kg	☼	10/21/24 10:32	10/21/24 14:26	1
2-Butanone (MEK)	ND		23	4.1	ug/Kg	☼	10/21/24 10:32	10/21/24 14:26	1
2-Hexanone	ND		23	4.7	ug/Kg	☼	10/21/24 10:32	10/21/24 14:26	1
4-Methyl-2-pentanone (MIBK)	ND		23	4.3	ug/Kg	☼	10/21/24 10:32	10/21/24 14:26	1
Acetone	ND		29	24	ug/Kg	☼	10/21/24 10:32	10/21/24 14:26	1
Benzene	ND		5.8	1.7	ug/Kg	☼	10/21/24 10:32	10/21/24 14:26	1
Dichlorobromomethane	ND		5.8	1.7	ug/Kg	☼	10/21/24 10:32	10/21/24 14:26	1
Bromoform	ND		5.8	2.8	ug/Kg	☼	10/21/24 10:32	10/21/24 14:26	1
Bromomethane	ND		5.8	4.8	ug/Kg	☼	10/21/24 10:32	10/21/24 14:26	1
Carbon disulfide	ND		5.8	1.3	ug/Kg	☼	10/21/24 10:32	10/21/24 14:26	1
Carbon tetrachloride	ND		5.8	3.8	ug/Kg	☼	10/21/24 10:32	10/21/24 14:26	1
Chlorobenzene	ND		5.8	1.1	ug/Kg	☼	10/21/24 10:32	10/21/24 14:26	1
Chloroethane	ND		5.8	3.2	ug/Kg	☼	10/21/24 10:32	10/21/24 14:26	1
Chloroform	ND		5.8	2.1	ug/Kg	☼	10/21/24 10:32	10/21/24 14:26	1
Chloromethane	ND		5.8	2.6	ug/Kg	☼	10/21/24 10:32	10/21/24 14:26	1
cis-1,2-Dichloroethene	ND		5.8	1.7	ug/Kg	☼	10/21/24 10:32	10/21/24 14:26	1
cis-1,3-Dichloropropene	ND		5.8	3.3	ug/Kg	☼	10/21/24 10:32	10/21/24 14:26	1
Cyclohexane	ND		12	1.6	ug/Kg	☼	10/21/24 10:32	10/21/24 14:26	1
Chlorodibromomethane	ND		5.8	3.2	ug/Kg	☼	10/21/24 10:32	10/21/24 14:26	1
Dichlorodifluoromethane	ND		5.8	2.6	ug/Kg	☼	10/21/24 10:32	10/21/24 14:26	1
Ethylbenzene	ND		5.8	1.2	ug/Kg	☼	10/21/24 10:32	10/21/24 14:26	1
Isopropylbenzene	ND		5.8	2.2	ug/Kg	☼	10/21/24 10:32	10/21/24 14:26	1
Methyl acetate	ND		29	3.9	ug/Kg	☼	10/21/24 10:32	10/21/24 14:26	1
Methyl tert-butyl ether	ND		5.8	2.3	ug/Kg	☼	10/21/24 10:32	10/21/24 14:26	1
Methylcyclohexane	ND		12	1.4	ug/Kg	☼	10/21/24 10:32	10/21/24 14:26	1
Methylene Chloride	ND		29	14	ug/Kg	☼	10/21/24 10:32	10/21/24 14:26	1
Styrene	ND		5.8	1.3	ug/Kg	☼	10/21/24 10:32	10/21/24 14:26	1
Tetrachloroethene	ND		5.8	2.2	ug/Kg	☼	10/21/24 10:32	10/21/24 14:26	1
Toluene	ND		5.8	0.89	ug/Kg	☼	10/21/24 10:32	10/21/24 14:26	1
trans-1,2-Dichloroethene	ND		5.8	1.6	ug/Kg	☼	10/21/24 10:32	10/21/24 14:26	1
trans-1,3-Dichloropropene	ND		5.8	2.1	ug/Kg	☼	10/21/24 10:32	10/21/24 14:26	1
Trichloroethene	ND		5.8	1.7	ug/Kg	☼	10/21/24 10:32	10/21/24 14:26	1
Trichlorofluoromethane	ND		5.8	3.1	ug/Kg	☼	10/21/24 10:32	10/21/24 14:26	1
Vinyl chloride	ND		5.8	2.0	ug/Kg	☼	10/21/24 10:32	10/21/24 14:26	1
Xylenes, Total	ND		12	1.8	ug/Kg	☼	10/21/24 10:32	10/21/24 14:26	1

Client Sample ID: SB-19-14.0-16.0
Date Collected: 10/15/24 09:25
Date Received: 10/15/24 16:11

Lab Sample ID: 240-213135-4
Matrix: Solid
Percent Solids: 84.4

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Toluene-d8 (Surr)	*98*		*56 - 125*	*10/21/24 10:32*	*10/21/24 14:26*	*1*
Dibromofluoromethane (Surr)	*97*		*41 - 138*	*10/21/24 10:32*	*10/21/24 14:26*	*1*
4-Bromofluorobenzene (Surr)	*89*		*41 - 143*	*10/21/24 10:32*	*10/21/24 14:26*	*1*
1,2-Dichloroethane-d4 (Surr)	*96*		*58 - 125*	*10/21/24 10:32*	*10/21/24 14:26*	*1*

Method: SW846 8270E - Semivolatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1'-Biphenyl	ND		120	32	ug/Kg	☼	10/18/24 08:17	10/22/24 10:51	1
bis (2-chloroisopropyl) ether	ND		120	30	ug/Kg	☼	10/18/24 08:17	10/22/24 10:51	1
2,4,5-Trichlorophenol	ND		170	38	ug/Kg	☼	10/18/24 08:17	10/22/24 10:51	1
2,4,6-Trichlorophenol	ND		170	34	ug/Kg	☼	10/18/24 08:17	10/22/24 10:51	1
2,4-Dichlorophenol	ND		170	31	ug/Kg	☼	10/18/24 08:17	10/22/24 10:51	1
2,4-Dimethylphenol	ND		170	42	ug/Kg	☼	10/18/24 08:17	10/22/24 10:51	1
2,4-Dinitrophenol	ND		380	200	ug/Kg	☼	10/18/24 08:17	10/22/24 10:51	1
2,4-Dinitrotoluene	ND		230	27	ug/Kg	☼	10/18/24 08:17	10/22/24 10:51	1
2,6-Dinitrotoluene	ND		230	42	ug/Kg	☼	10/18/24 08:17	10/22/24 10:51	1
2-Chloronaphthalene	ND		120	32	ug/Kg	☼	10/18/24 08:17	10/22/24 10:51	1
2-Chlorophenol	ND		120	30	ug/Kg	☼	10/18/24 08:17	10/22/24 10:51	1
2-Methylnaphthalene	**27**	**J**	46	15	ug/Kg	☼	10/18/24 08:17	10/22/24 10:51	1
2-Methylphenol	ND		230	48	ug/Kg	☼	10/18/24 08:17	10/22/24 10:51	1
2-Nitroaniline	ND		230	44	ug/Kg	☼	10/18/24 08:17	10/22/24 10:51	1
2-Nitrophenol	ND		120	41	ug/Kg	☼	10/18/24 08:17	10/22/24 10:51	1
3,3'-Dichlorobenzidine	ND		170	110	ug/Kg	☼	10/18/24 08:17	10/22/24 10:51	1
3-Nitroaniline	ND		230	41	ug/Kg	☼	10/18/24 08:17	10/22/24 10:51	1
4,6-Dinitro-2-methylphenol	ND		380	120	ug/Kg	☼	10/18/24 08:17	10/22/24 10:51	1
4-Bromophenyl phenyl ether	ND		120	37	ug/Kg	☼	10/18/24 08:17	10/22/24 10:51	1
4-Chloro-3-methylphenol	ND		170	44	ug/Kg	☼	10/18/24 08:17	10/22/24 10:51	1
4-Chloroaniline	ND		170	19	ug/Kg	☼	10/18/24 08:17	10/22/24 10:51	1
4-Chlorophenyl phenyl ether	ND		120	32	ug/Kg	☼	10/18/24 08:17	10/22/24 10:51	1
4-Nitroaniline	ND		230	30	ug/Kg	☼	10/18/24 08:17	10/22/24 10:51	1
4-Nitrophenol	ND		380	100	ug/Kg	☼	10/18/24 08:17	10/22/24 10:51	1
Acenaphthene	ND		46	16	ug/Kg	☼	10/18/24 08:17	10/22/24 10:51	1
Acenaphthylene	ND		46	17	ug/Kg	☼	10/18/24 08:17	10/22/24 10:51	1
Acetophenone	ND		120	29	ug/Kg	☼	10/18/24 08:17	10/22/24 10:51	1
Anthracene	ND		46	14	ug/Kg	☼	10/18/24 08:17	10/22/24 10:51	1
Atrazine	ND		380	80	ug/Kg	☼	10/18/24 08:17	10/22/24 10:51	1
Benzaldehyde	ND		380	65	ug/Kg	☼	10/18/24 08:17	10/22/24 10:51	1
Benzo[a]anthracene	ND		46	17	ug/Kg	☼	10/18/24 08:17	10/22/24 10:51	1
Benzo[a]pyrene	ND		46	16	ug/Kg	☼	10/18/24 08:17	10/22/24 10:51	1
Benzo[b]fluoranthene	**17**	**J**	46	14	ug/Kg	☼	10/18/24 08:17	10/22/24 10:51	1
Benzo[g,h,i]perylene	**44**	**J**	46	31	ug/Kg	☼	10/18/24 08:17	10/22/24 10:51	1
Benzo[k]fluoranthene	ND		46	12	ug/Kg	☼	10/18/24 08:17	10/22/24 10:51	1
Bis(2-chloroethoxy)methane	ND		120	23	ug/Kg	☼	10/18/24 08:17	10/22/24 10:51	1
Bis(2-chloroethyl)ether	ND		120	26	ug/Kg	☼	10/18/24 08:17	10/22/24 10:51	1
Bis(2-ethylhexyl) phthalate	**86**	**J**	170	65	ug/Kg	☼	10/18/24 08:17	10/22/24 10:51	1
Butyl benzyl phthalate	ND		170	59	ug/Kg	☼	10/18/24 08:17	10/22/24 10:51	1
Caprolactam	ND		380	80	ug/Kg	☼	10/18/24 08:17	10/22/24 10:51	1
Carbazole	ND		120	31	ug/Kg	☼	10/18/24 08:17	10/22/24 10:51	1
Chrysene	**17**	**J**	46	16	ug/Kg	☼	10/18/24 08:17	10/22/24 10:51	1
Dibenz(a,h)anthracene	ND		46	17	ug/Kg	☼	10/18/24 08:17	10/22/24 10:51	1

Client Sample ID: SB-19-14.0-16.0
Date Collected: 10/15/24 09:25
Date Received: 10/15/24 16:11

Lab Sample ID: 240-213135-4
Matrix: Solid
Percent Solids: 84.4

Method: SW846 8270E - Semivolatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Dibenzofuran	ND		120	34	ug/Kg	☼	10/18/24 08:17	10/22/24 10:51	1
Diethyl phthalate	ND		170	50	ug/Kg	☼	10/18/24 08:17	10/22/24 10:51	1
Dimethyl phthalate	ND		170	46	ug/Kg	☼	10/18/24 08:17	10/22/24 10:51	1
Di-n-butyl phthalate	ND		170	59	ug/Kg	☼	10/18/24 08:17	10/22/24 10:51	1
Di-n-octyl phthalate	ND		170	58	ug/Kg	☼	10/18/24 08:17	10/22/24 10:51	1
Fluoranthene	ND		46	16	ug/Kg	☼	10/18/24 08:17	10/22/24 10:51	1
Fluorene	ND		46	16	ug/Kg	☼	10/18/24 08:17	10/22/24 10:51	1
Hexachlorobenzene	ND		46	16	ug/Kg	☼	10/18/24 08:17	10/22/24 10:51	1
Hexachlorobutadiene	ND		120	24	ug/Kg	☼	10/18/24 08:17	10/22/24 10:51	1
Hexachlorocyclopentadiene	ND		380	45	ug/Kg	☼	10/18/24 08:17	10/22/24 10:51	1
Hexachloroethane	ND		120	37	ug/Kg	☼	10/18/24 08:17	10/22/24 10:51	1
Indeno[1,2,3-cd]pyrene	ND		46	14	ug/Kg	☼	10/18/24 08:17	10/22/24 10:51	1
Isophorone	ND		120	30	ug/Kg	☼	10/18/24 08:17	10/22/24 10:51	1
N-Nitrosodi-n-propylamine	ND		120	43	ug/Kg	☼	10/18/24 08:17	10/22/24 10:51	1
N-Nitrosodiphenylamine	ND		120	31	ug/Kg	☼	10/18/24 08:17	10/22/24 10:51	1
Naphthalene	ND		46	15	ug/Kg	☼	10/18/24 08:17	10/22/24 10:51	1
Nitrobenzene	ND		120	26	ug/Kg	☼	10/18/24 08:17	10/22/24 10:51	1
Pentachlorophenol	ND		310	120	ug/Kg	☼	10/18/24 08:17	10/22/24 10:51	1
Phenanthrene	**36**	**J**	46	15	ug/Kg	☼	10/18/24 08:17	10/22/24 10:51	1
Phenol	ND		120	44	ug/Kg	☼	10/18/24 08:17	10/22/24 10:51	1
Pyrene	**28**	**J**	46	19	ug/Kg	☼	10/18/24 08:17	10/22/24 10:51	1
3 & 4 Methylphenol	ND		460	48	ug/Kg	☼	10/18/24 08:17	10/22/24 10:51	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Terphenyl-d14 (Surr)	*85*		*37 - 120*	*10/18/24 08:17*	*10/22/24 10:51*	*1*
Phenol-d5 (Surr)	*74*		*29 - 120*	*10/18/24 08:17*	*10/22/24 10:51*	*1*
Nitrobenzene-d5 (Surr)	*58*		*28 - 120*	*10/18/24 08:17*	*10/22/24 10:51*	*1*
2-Fluorophenol (Surr)	*72*		*26 - 120*	*10/18/24 08:17*	*10/22/24 10:51*	*1*
2-Fluorobiphenyl (Surr)	*69*		*36 - 120*	*10/18/24 08:17*	*10/22/24 10:51*	*1*
2,4,6-Tribromophenol (Surr)	*65*		*10 - 120*	*10/18/24 08:17*	*10/22/24 10:51*	*1*

Method: SW846 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aroclor-1016	ND		62	31	ug/Kg	☼	10/21/24 09:59	10/21/24 21:17	1
Aroclor-1221	ND		62	37	ug/Kg	☼	10/21/24 09:59	10/21/24 21:17	1
Aroclor-1232	ND		62	26	ug/Kg	☼	10/21/24 09:59	10/21/24 21:17	1
Aroclor-1242	ND		62	24	ug/Kg	☼	10/21/24 09:59	10/21/24 21:17	1
Aroclor-1248	ND		62	21	ug/Kg	☼	10/21/24 09:59	10/21/24 21:17	1
Aroclor-1254	ND		62	26	ug/Kg	☼	10/21/24 09:59	10/21/24 21:17	1
Aroclor-1260	ND		62	26	ug/Kg	☼	10/21/24 09:59	10/21/24 21:17	1
Aroclor-1262	ND		62	27	ug/Kg	☼	10/21/24 09:59	10/21/24 21:17	1
Aroclor-1268	ND		62	20	ug/Kg	☼	10/21/24 09:59	10/21/24 21:17	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Tetrachloro-m-xylene	*76*		*10 - 149*	*10/21/24 09:59*	*10/21/24 21:17*	*1*
DCB Decachlorobiphenyl	*76*		*10 - 174*	*10/21/24 09:59*	*10/21/24 21:17*	*1*

Method: SW846 6010D - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	**13**		1.4	0.30	mg/Kg	☼	10/17/24 15:00	10/18/24 22:49	1

Client: August Mack Environmental, Inc.
Project/Site: MSC Canfield

Job ID: 240-213135-1

Client Sample ID: SB-19-14.0-16.0
Date Collected: 10/15/24 09:25
Date Received: 10/15/24 16:11

Lab Sample ID: 240-213135-4
Matrix: Solid
Percent Solids: 84.4

Method: SW846 6010D - Metals (ICP) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Barium	**18**	**J**	19	0.12	mg/Kg	☼	10/17/24 15:00	10/18/24 22:49	1
Cadmium	ND		0.47	0.045	mg/Kg	☼	10/17/24 15:00	10/18/24 22:49	1
Chromium	**11**		0.94	0.32	mg/Kg	☼	10/17/24 15:00	10/18/24 22:49	1
Copper	**18**		2.4	0.66	mg/Kg	☼	10/17/24 15:00	10/18/24 22:49	1
Lead	**10**		0.94	0.27	mg/Kg	☼	10/17/24 15:00	10/18/24 22:49	1
Selenium	ND		1.9	0.44	mg/Kg	☼	10/17/24 15:00	10/18/24 22:49	1
Silver	ND	L	0.94	0.076	mg/Kg	☼	10/17/24 15:00	10/18/24 22:49	1
Zinc	**66**		4.7	3.4	mg/Kg	☼	10/17/24 15:00	10/18/24 22:49	1

Method: SW846 7471B - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	**0.030**	**J**	0.12	0.021	mg/Kg	☼	10/17/24 15:00	10/18/24 10:38	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cr (VI) (SW846 7196A)	ND		0.51	0.17	mg/Kg	☼	10/26/24 02:33	10/27/24 07:02	1
Cyanide, Total (SW846 9012B)	ND		0.71	0.56	mg/Kg	☼	10/22/24 13:55	10/22/24 17:10	1

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Solids (EPA Moisture)	**84.4**		0.1	0.1	%			10/16/24 17:31	1
Percent Moisture (EPA Moisture)	**15.6**		0.1	0.1	%			10/16/24 17:31	1

General Chemistry - ASTM Leach

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cyanide, Free (OI CORP OIA-1677)	ND		0.0060	0.0050	mg/L			10/23/24 18:04	1

Client: August Mack Environmental, Inc.
Project/Site: MSC Canfield

Job ID: 240-213135-1

Client Sample ID: SB-DUP-1.0
Date Collected: 10/15/24 00:00
Date Received: 10/15/24 16:11

Lab Sample ID: 240-213135-5
Matrix: Solid
Percent Solids: 87.9

Method: SW846 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		5.6	2.0	ug/Kg	☼	10/21/24 10:32	10/21/24 14:48	1
1,1,2,2-Tetrachloroethane	ND		5.6	1.6	ug/Kg	☼	10/21/24 10:32	10/21/24 14:48	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		5.6	1.4	ug/Kg	☼	10/21/24 10:32	10/21/24 14:48	1
1,1,2-Trichloroethane	ND		5.6	1.3	ug/Kg	☼	10/21/24 10:32	10/21/24 14:48	1
1,1-Dichloroethane	ND		5.6	1.6	ug/Kg	☼	10/21/24 10:32	10/21/24 14:48	1
1,1-Dichloroethene	ND		5.6	2.0	ug/Kg	☼	10/21/24 10:32	10/21/24 14:48	1
1,2,4-Trichlorobenzene	ND		5.6	2.8	ug/Kg	☼	10/21/24 10:32	10/21/24 14:48	1
1,2-Dibromo-3-Chloropropane	ND		11	4.0	ug/Kg	☼	10/21/24 10:32	10/21/24 14:48	1
Ethylene Dibromide	ND		5.6	1.9	ug/Kg	☼	10/21/24 10:32	10/21/24 14:48	1
1,2-Dichlorobenzene	ND		5.6	1.2	ug/Kg	☼	10/21/24 10:32	10/21/24 14:48	1
1,2-Dichloroethane	ND		5.6	2.0	ug/Kg	☼	10/21/24 10:32	10/21/24 14:48	1
1,2-Dichloropropane	ND		5.6	0.95	ug/Kg	☼	10/21/24 10:32	10/21/24 14:48	1
1,3-Dichlorobenzene	ND		5.6	1.8	ug/Kg	☼	10/21/24 10:32	10/21/24 14:48	1
1,4-Dichlorobenzene	ND		5.6	0.99	ug/Kg	☼	10/21/24 10:32	10/21/24 14:48	1
2-Butanone (MEK)	ND		22	4.0	ug/Kg	☼	10/21/24 10:32	10/21/24 14:48	1
2-Hexanone	ND		22	4.6	ug/Kg	☼	10/21/24 10:32	10/21/24 14:48	1
4-Methyl-2-pentanone (MIBK)	ND		22	4.2	ug/Kg	☼	10/21/24 10:32	10/21/24 14:48	1
Acetone	ND		28	24	ug/Kg	☼	10/21/24 10:32	10/21/24 14:48	1
Benzene	ND		5.6	1.7	ug/Kg	☼	10/21/24 10:32	10/21/24 14:48	1
Dichlorobromomethane	ND		5.6	1.7	ug/Kg	☼	10/21/24 10:32	10/21/24 14:48	1
Bromoform	ND		5.6	2.7	ug/Kg	☼	10/21/24 10:32	10/21/24 14:48	1
Bromomethane	ND		5.6	4.6	ug/Kg	☼	10/21/24 10:32	10/21/24 14:48	1
Carbon disulfide	ND		5.6	1.3	ug/Kg	☼	10/21/24 10:32	10/21/24 14:48	1
Carbon tetrachloride	ND		5.6	3.6	ug/Kg	☼	10/21/24 10:32	10/21/24 14:48	1
Chlorobenzene	ND		5.6	1.0	ug/Kg	☼	10/21/24 10:32	10/21/24 14:48	1
Chloroethane	ND		5.6	3.1	ug/Kg	☼	10/21/24 10:32	10/21/24 14:48	1
Chloroform	ND		5.6	2.0	ug/Kg	☼	10/21/24 10:32	10/21/24 14:48	1
Chloromethane	ND		5.6	2.6	ug/Kg	☼	10/21/24 10:32	10/21/24 14:48	1
cis-1,2-Dichloroethene	ND		5.6	1.7	ug/Kg	☼	10/21/24 10:32	10/21/24 14:48	1
cis-1,3-Dichloropropene	ND		5.6	3.2	ug/Kg	☼	10/21/24 10:32	10/21/24 14:48	1
Cyclohexane	ND		11	1.5	ug/Kg	☼	10/21/24 10:32	10/21/24 14:48	1
Chlorodibromomethane	ND		5.6	3.1	ug/Kg	☼	10/21/24 10:32	10/21/24 14:48	1
Dichlorodifluoromethane	ND		5.6	2.5	ug/Kg	☼	10/21/24 10:32	10/21/24 14:48	1
Ethylbenzene	ND		5.6	1.2	ug/Kg	☼	10/21/24 10:32	10/21/24 14:48	1
Isopropylbenzene	ND		5.6	2.1	ug/Kg	☼	10/21/24 10:32	10/21/24 14:48	1
Methyl acetate	ND		28	3.8	ug/Kg	☼	10/21/24 10:32	10/21/24 14:48	1
Methyl tert-butyl ether	ND		5.6	2.2	ug/Kg	☼	10/21/24 10:32	10/21/24 14:48	1
Methylcyclohexane	ND		11	1.4	ug/Kg	☼	10/21/24 10:32	10/21/24 14:48	1
Methylene Chloride	ND		28	13	ug/Kg	☼	10/21/24 10:32	10/21/24 14:48	1
Styrene	ND		5.6	1.3	ug/Kg	☼	10/21/24 10:32	10/21/24 14:48	1
Tetrachloroethene	ND		5.6	2.1	ug/Kg	☼	10/21/24 10:32	10/21/24 14:48	1
Toluene	ND		5.6	0.87	ug/Kg	☼	10/21/24 10:32	10/21/24 14:48	1
trans-1,2-Dichloroethene	ND		5.6	1.6	ug/Kg	☼	10/21/24 10:32	10/21/24 14:48	1
trans-1,3-Dichloropropene	ND		5.6	2.0	ug/Kg	☼	10/21/24 10:32	10/21/24 14:48	1
Trichloroethene	ND		5.6	1.6	ug/Kg	☼	10/21/24 10:32	10/21/24 14:48	1
Trichlorofluoromethane	ND		5.6	3.0	ug/Kg	☼	10/21/24 10:32	10/21/24 14:48	1
Vinyl chloride	ND		5.6	2.0	ug/Kg	☼	10/21/24 10:32	10/21/24 14:48	1
Xylenes, Total	ND		11	1.8	ug/Kg	☼	10/21/24 10:32	10/21/24 14:48	1

Client: August Mack Environmental, Inc.
Project/Site: MSC Canfield

Job ID: 240-213135-1

Client Sample ID: SB-DUP-1.0
Date Collected: 10/15/24 00:00
Date Received: 10/15/24 16:11

Lab Sample ID: 240-213135-5
Matrix: Solid
Percent Solids: 87.9

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Toluene-d8 (Surr)	*96*		*56 - 125*	*10/21/24 10:32*	*10/21/24 14:48*	*1*
Dibromofluoromethane (Surr)	*96*		*41 - 138*	*10/21/24 10:32*	*10/21/24 14:48*	*1*
4-Bromofluorobenzene (Surr)	*87*		*41 - 143*	*10/21/24 10:32*	*10/21/24 14:48*	*1*
1,2-Dichloroethane-d4 (Surr)	*98*		*58 - 125*	*10/21/24 10:32*	*10/21/24 14:48*	*1*

Method: SW846 8270E - Semivolatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1'-Biphenyl	ND		110	31	ug/Kg	☼	10/18/24 08:17	10/22/24 11:15	1
bis (2-chloroisopropyl) ether	ND		110	29	ug/Kg	☼	10/18/24 08:17	10/22/24 11:15	1
2,4,5-Trichlorophenol	ND		170	37	ug/Kg	☼	10/18/24 08:17	10/22/24 11:15	1
2,4,6-Trichlorophenol	ND		170	32	ug/Kg	☼	10/18/24 08:17	10/22/24 11:15	1
2,4-Dichlorophenol	ND		170	30	ug/Kg	☼	10/18/24 08:17	10/22/24 11:15	1
2,4-Dimethylphenol	ND		170	40	ug/Kg	☼	10/18/24 08:17	10/22/24 11:15	1
2,4-Dinitrophenol	ND		370	190	ug/Kg	☼	10/18/24 08:17	10/22/24 11:15	1
2,4-Dinitrotoluene	ND		220	26	ug/Kg	☼	10/18/24 08:17	10/22/24 11:15	1
2,6-Dinitrotoluene	ND		220	40	ug/Kg	☼	10/18/24 08:17	10/22/24 11:15	1
2-Chloronaphthalene	ND		110	31	ug/Kg	☼	10/18/24 08:17	10/22/24 11:15	1
2-Chlorophenol	ND		110	29	ug/Kg	☼	10/18/24 08:17	10/22/24 11:15	1
2-Methylnaphthalene	ND		44	14	ug/Kg	☼	10/18/24 08:17	10/22/24 11:15	1
2-Methylphenol	ND		220	46	ug/Kg	☼	10/18/24 08:17	10/22/24 11:15	1
2-Nitroaniline	ND		220	42	ug/Kg	☼	10/18/24 08:17	10/22/24 11:15	1
2-Nitrophenol	ND		110	39	ug/Kg	☼	10/18/24 08:17	10/22/24 11:15	1
3,3'-Dichlorobenzidine	ND		170	110	ug/Kg	☼	10/18/24 08:17	10/22/24 11:15	1
3-Nitroaniline	ND		220	39	ug/Kg	☼	10/18/24 08:17	10/22/24 11:15	1
4,6-Dinitro-2-methylphenol	ND		370	120	ug/Kg	☼	10/18/24 08:17	10/22/24 11:15	1
4-Bromophenyl phenyl ether	ND		110	36	ug/Kg	☼	10/18/24 08:17	10/22/24 11:15	1
4-Chloro-3-methylphenol	ND		170	42	ug/Kg	☼	10/18/24 08:17	10/22/24 11:15	1
4-Chloroaniline	ND		170	18	ug/Kg	☼	10/18/24 08:17	10/22/24 11:15	1
4-Chlorophenyl phenyl ether	ND		110	31	ug/Kg	☼	10/18/24 08:17	10/22/24 11:15	1
4-Nitroaniline	ND		220	29	ug/Kg	☼	10/18/24 08:17	10/22/24 11:15	1
4-Nitrophenol	ND		370	100	ug/Kg	☼	10/18/24 08:17	10/22/24 11:15	1
Acenaphthene	ND		44	16	ug/Kg	☼	10/18/24 08:17	10/22/24 11:15	1
Acenaphthylene	ND		44	17	ug/Kg	☼	10/18/24 08:17	10/22/24 11:15	1
Acetophenone	ND		110	28	ug/Kg	☼	10/18/24 08:17	10/22/24 11:15	1
Anthracene	ND		44	13	ug/Kg	☼	10/18/24 08:17	10/22/24 11:15	1
Atrazine	ND		370	77	ug/Kg	☼	10/18/24 08:17	10/22/24 11:15	1
Benzaldehyde	ND		370	62	ug/Kg	☼	10/18/24 08:17	10/22/24 11:15	1
Benzo[a]anthracene	ND		44	17	ug/Kg	☼	10/18/24 08:17	10/22/24 11:15	1
Benzo[a]pyrene	ND		44	16	ug/Kg	☼	10/18/24 08:17	10/22/24 11:15	1
Benzo[b]fluoranthene	ND		44	13	ug/Kg	☼	10/18/24 08:17	10/22/24 11:15	1
Benzo[g,h,i]perylene	ND		44	30	ug/Kg	☼	10/18/24 08:17	10/22/24 11:15	1
Benzo[k]fluoranthene	ND		44	11	ug/Kg	☼	10/18/24 08:17	10/22/24 11:15	1
Bis(2-chloroethoxy)methane	ND		110	22	ug/Kg	☼	10/18/24 08:17	10/22/24 11:15	1
Bis(2-chloroethyl)ether	ND		110	24	ug/Kg	☼	10/18/24 08:17	10/22/24 11:15	1
Bis(2-ethylhexyl) phthalate	ND		170	62	ug/Kg	☼	10/18/24 08:17	10/22/24 11:15	1
Butyl benzyl phthalate	ND		170	57	ug/Kg	☼	10/18/24 08:17	10/22/24 11:15	1
Caprolactam	ND		370	77	ug/Kg	☼	10/18/24 08:17	10/22/24 11:15	1
Carbazole	ND		110	30	ug/Kg	☼	10/18/24 08:17	10/22/24 11:15	1
Chrysene	ND		44	16	ug/Kg	☼	10/18/24 08:17	10/22/24 11:15	1
Dibenz(a,h)anthracene	ND		44	17	ug/Kg	☼	10/18/24 08:17	10/22/24 11:15	1

Client Sample ID: SB-DUP-1.0
Date Collected: 10/15/24 00:00
Date Received: 10/15/24 16:11

Lab Sample ID: 240-213135-5
Matrix: Solid
Percent Solids: 87.9

Method: SW846 8270E - Semivolatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Dibenzofuran	ND		110	32	ug/Kg	☼	10/18/24 08:17	10/22/24 11:15	1
Diethyl phthalate	ND		170	48	ug/Kg	☼	10/18/24 08:17	10/22/24 11:15	1
Dimethyl phthalate	ND		170	44	ug/Kg	☼	10/18/24 08:17	10/22/24 11:15	1
Di-n-butyl phthalate	ND		170	57	ug/Kg	☼	10/18/24 08:17	10/22/24 11:15	1
Di-n-octyl phthalate	ND		170	56	ug/Kg	☼	10/18/24 08:17	10/22/24 11:15	1
Fluoranthene	ND		44	16	ug/Kg	☼	10/18/24 08:17	10/22/24 11:15	1
Fluorene	ND		44	16	ug/Kg	☼	10/18/24 08:17	10/22/24 11:15	1
Hexachlorobenzene	ND		44	16	ug/Kg	☼	10/18/24 08:17	10/22/24 11:15	1
Hexachlorobutadiene	ND		110	23	ug/Kg	☼	10/18/24 08:17	10/22/24 11:15	1
Hexachlorocyclopentadiene	ND		370	43	ug/Kg	☼	10/18/24 08:17	10/22/24 11:15	1
Hexachloroethane	ND		110	36	ug/Kg	☼	10/18/24 08:17	10/22/24 11:15	1
Indeno[1,2,3-cd]pyrene	ND		44	13	ug/Kg	☼	10/18/24 08:17	10/22/24 11:15	1
Isophorone	ND		110	29	ug/Kg	☼	10/18/24 08:17	10/22/24 11:15	1
N-Nitrosodi-n-propylamine	ND		110	41	ug/Kg	☼	10/18/24 08:17	10/22/24 11:15	1
N-Nitrosodiphenylamine	ND		110	30	ug/Kg	☼	10/18/24 08:17	10/22/24 11:15	1
Naphthalene	ND		44	14	ug/Kg	☼	10/18/24 08:17	10/22/24 11:15	1
Nitrobenzene	ND		110	24	ug/Kg	☼	10/18/24 08:17	10/22/24 11:15	1
Pentachlorophenol	ND		300	120	ug/Kg	☼	10/18/24 08:17	10/22/24 11:15	1
Phenanthrene	ND		44	14	ug/Kg	☼	10/18/24 08:17	10/22/24 11:15	1
Phenol	ND		110	42	ug/Kg	☼	10/18/24 08:17	10/22/24 11:15	1
Pyrene	ND		44	18	ug/Kg	☼	10/18/24 08:17	10/22/24 11:15	1
3 & 4 Methylphenol	ND		440	46	ug/Kg	☼	10/18/24 08:17	10/22/24 11:15	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Terphenyl-d14 (Surr)	*85*		*37 - 120*	*10/18/24 08:17*	*10/22/24 11:15*	*1*
Phenol-d5 (Surr)	*72*		*29 - 120*	*10/18/24 08:17*	*10/22/24 11:15*	*1*
Nitrobenzene-d5 (Surr)	*62*		*28 - 120*	*10/18/24 08:17*	*10/22/24 11:15*	*1*
2-Fluorophenol (Surr)	*71*		*26 - 120*	*10/18/24 08:17*	*10/22/24 11:15*	*1*
2-Fluorobiphenyl (Surr)	*67*		*36 - 120*	*10/18/24 08:17*	*10/22/24 11:15*	*1*
2,4,6-Tribromophenol (Surr)	*58*		*10 - 120*	*10/18/24 08:17*	*10/22/24 11:15*	*1*

Method: SW846 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aroclor-1016	ND		56	28	ug/Kg	☼	10/21/24 09:59	10/21/24 21:32	1
Aroclor-1221	ND		56	34	ug/Kg	☼	10/21/24 09:59	10/21/24 21:32	1
Aroclor-1232	ND		56	24	ug/Kg	☼	10/21/24 09:59	10/21/24 21:32	1
Aroclor-1242	ND		56	21	ug/Kg	☼	10/21/24 09:59	10/21/24 21:32	1
Aroclor-1248	ND		56	19	ug/Kg	☼	10/21/24 09:59	10/21/24 21:32	1
Aroclor-1254	ND		56	24	ug/Kg	☼	10/21/24 09:59	10/21/24 21:32	1
Aroclor-1260	ND		56	24	ug/Kg	☼	10/21/24 09:59	10/21/24 21:32	1
Aroclor-1262	ND		56	25	ug/Kg	☼	10/21/24 09:59	10/21/24 21:32	1
Aroclor-1268	ND		56	18	ug/Kg	☼	10/21/24 09:59	10/21/24 21:32	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Tetrachloro-m-xylene	*75*		*10 - 149*	*10/21/24 09:59*	*10/21/24 21:32*	*1*
DCB Decachlorobiphenyl	*79*		*10 - 174*	*10/21/24 09:59*	*10/21/24 21:32*	*1*

Method: SW846 6010D - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	**15**		1.4	0.30	mg/Kg	☼	10/17/24 15:00	10/18/24 22:54	1

Client: August Mack Environmental, Inc.
Project/Site: MSC Canfield

Job ID: 240-213135-1

Client Sample ID: SB-DUP-1.0
Date Collected: 10/15/24 00:00
Date Received: 10/15/24 16:11

Lab Sample ID: 240-213135-5
Matrix: Solid
Percent Solids: 87.9

Method: SW846 6010D - Metals (ICP) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Barium	37		19	0.12	mg/Kg	☼	10/17/24 15:00	10/18/24 22:54	1
Cadmium	0.053	J	0.47	0.045	mg/Kg	☼	10/17/24 15:00	10/18/24 22:54	1
Chromium	13		0.94	0.32	mg/Kg	☼	10/17/24 15:00	10/18/24 22:54	1
Copper	17		2.3	0.66	mg/Kg	☼	10/17/24 15:00	10/18/24 22:54	1
Lead	10		0.94	0.27	mg/Kg	☼	10/17/24 15:00	10/18/24 22:54	1
Selenium	ND		1.9	0.44	mg/Kg	☼	10/17/24 15:00	10/18/24 22:54	1
Silver	ND	L	0.94	0.076	mg/Kg	☼	10/17/24 15:00	10/18/24 22:54	1
Zinc	60		4.7	3.4	mg/Kg	☼	10/17/24 15:00	10/18/24 22:54	1

Method: SW846 7471B - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.032	J	0.12	0.021	mg/Kg	☼	10/17/24 15:00	10/18/24 10:39	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cr (VI) (SW846 7196A)	ND		0.50	0.17	mg/Kg	☼	10/26/24 02:33	10/27/24 07:02	1
Cyanide, Total (SW846 9012B)	ND		0.51	0.40	mg/Kg	☼	10/22/24 13:55	10/22/24 17:12	1

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Solids (EPA Moisture)	87.9		0.1	0.1	%			10/16/24 17:32	1
Percent Moisture (EPA Moisture)	12.1		0.1	0.1	%			10/16/24 17:32	1

General Chemistry - ASTM Leach

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cyanide, Free (OI CORP OIA-1677)	ND		0.0060	0.0050	mg/L			10/23/24 18:09	1

Client: August Mack Environmental, Inc.
Project/Site: MSC Canfield

Job ID: 240-213135-1

Client Sample ID: TB-2-20241014
Date Collected: 10/15/24 00:00
Date Received: 10/15/24 16:11

Lab Sample ID: 240-213135-6
Matrix: Water

Method: SW846 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		1.0	0.48	ug/L			10/26/24 13:46	1
1,1,2,2-Tetrachloroethane	ND		1.0	0.60	ug/L			10/26/24 13:46	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		1.0	0.41	ug/L			10/26/24 13:46	1
1,1,2-Trichloroethane	ND		1.0	0.48	ug/L			10/26/24 13:46	1
1,1-Dichloroethane	ND		1.0	0.47	ug/L			10/26/24 13:46	1
1,1-Dichloroethene	ND		1.0	0.49	ug/L			10/26/24 13:46	1
1,2,4-Trichlorobenzene	ND		1.0	0.77	ug/L			10/26/24 13:46	1
1,2-Dibromo-3-Chloropropane	ND		2.0	0.91	ug/L			10/26/24 13:46	1
Ethylene Dibromide	ND		1.0	0.41	ug/L			10/26/24 13:46	1
1,2-Dichlorobenzene	ND		1.0	0.48	ug/L			10/26/24 13:46	1
1,2-Dichloroethane	ND		1.0	0.46	ug/L			10/26/24 13:46	1
1,2-Dichloropropane	ND		1.0	0.47	ug/L			10/26/24 13:46	1
1,3-Dichlorobenzene	ND		1.0	0.45	ug/L			10/26/24 13:46	1
1,4-Dichlorobenzene	ND		1.0	0.41	ug/L			10/26/24 13:46	1
2-Butanone (MEK)	ND		10	1.2	ug/L			10/26/24 13:46	1
2-Hexanone	ND		10	1.1	ug/L			10/26/24 13:46	1
4-Methyl-2-pentanone (MIBK)	ND		10	0.99	ug/L			10/26/24 13:46	1
Acetone	ND		10	5.4	ug/L			10/26/24 13:46	1
Benzene	ND		1.0	0.42	ug/L			10/26/24 13:46	1
Dichlorobromomethane	ND		1.0	0.38	ug/L			10/26/24 13:46	1
Bromoform	ND		1.0	0.76	ug/L			10/26/24 13:46	1
Bromomethane	ND		1.0	0.42	ug/L			10/26/24 13:46	1
Carbon disulfide	ND		1.0	0.59	ug/L			10/26/24 13:46	1
Carbon tetrachloride	ND		1.0	0.26	ug/L			10/26/24 13:46	1
Chlorobenzene	ND		1.0	0.38	ug/L			10/26/24 13:46	1
Chloroethane	ND		1.0	0.83	ug/L			10/26/24 13:46	1
Chloroform	ND		1.0	0.47	ug/L			10/26/24 13:46	1
Chloromethane	ND		1.0	0.63	ug/L			10/26/24 13:46	1
cis-1,2-Dichloroethene	ND		1.0	0.46	ug/L			10/26/24 13:46	1
cis-1,3-Dichloropropene	ND		1.0	0.61	ug/L			10/26/24 13:46	1
Cyclohexane	ND		1.0	0.48	ug/L			10/26/24 13:46	1
Chlorodibromomethane	ND		1.0	0.39	ug/L			10/26/24 13:46	1
Dichlorodifluoromethane	ND		1.0	0.35	ug/L			10/26/24 13:46	1
Ethylbenzene	ND		1.0	0.42	ug/L			10/26/24 13:46	1
Isopropylbenzene	ND		1.0	0.49	ug/L			10/26/24 13:46	1
Methyl acetate	ND		10	1.7	ug/L			10/26/24 13:46	1
Methyl tert-butyl ether	ND		1.0	0.47	ug/L			10/26/24 13:46	1
Methylcyclohexane	ND		1.0	0.33	ug/L			10/26/24 13:46	1
Methylene Chloride	ND		5.0	2.6	ug/L			10/26/24 13:46	1
Styrene	ND		1.0	0.45	ug/L			10/26/24 13:46	1
Tetrachloroethene	ND		1.0	0.44	ug/L			10/26/24 13:46	1
Toluene	ND		1.0	0.44	ug/L			10/26/24 13:46	1
trans-1,2-Dichloroethene	ND		1.0	0.51	ug/L			10/26/24 13:46	1
trans-1,3-Dichloropropene	ND		1.0	0.67	ug/L			10/26/24 13:46	1
Trichloroethene	ND		1.0	0.44	ug/L			10/26/24 13:46	1
Trichlorofluoromethane	ND		1.0	0.45	ug/L			10/26/24 13:46	1
Vinyl chloride	ND		1.0	0.45	ug/L			10/26/24 13:46	1
Xylenes, Total	ND		2.0	0.42	ug/L			10/26/24 13:46	1

Client: August Mack Environmental, Inc.
Project/Site: MSC Canfield

Job ID: 240-213135-1

Client Sample ID: TB-2-20241014
Date Collected: 10/15/24 00:00
Date Received: 10/15/24 16:11

Lab Sample ID: 240-213135-6
Matrix: Water

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
Toluene-d8 (Surr)	102		78 - 122		10/26/24 13:46	1
Dibromofluoromethane (Surr)	99		73 - 120		10/26/24 13:46	1
4-Bromofluorobenzene (Surr)	101		56 - 136		10/26/24 13:46	1
1,2-Dichloroethane-d4 (Surr)	100		62 - 137		10/26/24 13:46	1

Client: August Mack Environmental, Inc.
Project/Site: MSC Canfield

Job ID: 240-213135-1

Client Sample ID: SB-16-12.0-14.0
Date Collected: 10/14/24 15:25
Date Received: 10/15/24 16:11

Lab Sample ID: 240-213135-7
Matrix: Solid
Percent Solids: 88.2

Method: SW846 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		5.3	1.9	ug/Kg	☼	10/21/24 10:32	10/21/24 15:09	1
1,1,2,2-Tetrachloroethane	ND		5.3	1.5	ug/Kg	☼	10/21/24 10:32	10/21/24 15:09	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		5.3	1.4	ug/Kg	☼	10/21/24 10:32	10/21/24 15:09	1
1,1,2-Trichloroethane	ND		5.3	1.2	ug/Kg	☼	10/21/24 10:32	10/21/24 15:09	1
1,1-Dichloroethane	ND		5.3	1.5	ug/Kg	☼	10/21/24 10:32	10/21/24 15:09	1
1,1-Dichloroethene	ND		5.3	1.9	ug/Kg	☼	10/21/24 10:32	10/21/24 15:09	1
1,2,4-Trichlorobenzene	ND		5.3	2.7	ug/Kg	☼	10/21/24 10:32	10/21/24 15:09	1
1,2-Dibromo-3-Chloropropane	ND		11	3.8	ug/Kg	☼	10/21/24 10:32	10/21/24 15:09	1
Ethylene Dibromide	ND		5.3	1.8	ug/Kg	☼	10/21/24 10:32	10/21/24 15:09	1
1,2-Dichlorobenzene	ND		5.3	1.2	ug/Kg	☼	10/21/24 10:32	10/21/24 15:09	1
1,2-Dichloroethane	ND		5.3	1.9	ug/Kg	☼	10/21/24 10:32	10/21/24 15:09	1
1,2-Dichloropropane	ND		5.3	0.91	ug/Kg	☼	10/21/24 10:32	10/21/24 15:09	1
1,3-Dichlorobenzene	ND		5.3	1.8	ug/Kg	☼	10/21/24 10:32	10/21/24 15:09	1
1,4-Dichlorobenzene	ND		5.3	0.94	ug/Kg	☼	10/21/24 10:32	10/21/24 15:09	1
2-Butanone (MEK)	ND		21	3.8	ug/Kg	☼	10/21/24 10:32	10/21/24 15:09	1
2-Hexanone	ND		21	4.4	ug/Kg	☼	10/21/24 10:32	10/21/24 15:09	1
4-Methyl-2-pentanone (MIBK)	ND		21	4.0	ug/Kg	☼	10/21/24 10:32	10/21/24 15:09	1
Acetone	ND		27	22	ug/Kg	☼	10/21/24 10:32	10/21/24 15:09	1
Benzene	ND		5.3	1.6	ug/Kg	☼	10/21/24 10:32	10/21/24 15:09	1
Dichlorobromomethane	ND		5.3	1.6	ug/Kg	☼	10/21/24 10:32	10/21/24 15:09	1
Bromoform	ND		5.3	2.6	ug/Kg	☼	10/21/24 10:32	10/21/24 15:09	1
Bromomethane	ND		5.3	4.4	ug/Kg	☼	10/21/24 10:32	10/21/24 15:09	1
Carbon disulfide	ND		5.3	1.2	ug/Kg	☼	10/21/24 10:32	10/21/24 15:09	1
Carbon tetrachloride	ND		5.3	3.5	ug/Kg	☼	10/21/24 10:32	10/21/24 15:09	1
Chlorobenzene	ND		5.3	0.98	ug/Kg	☼	10/21/24 10:32	10/21/24 15:09	1
Chloroethane	ND		5.3	2.9	ug/Kg	☼	10/21/24 10:32	10/21/24 15:09	1
Chloroform	ND		5.3	1.9	ug/Kg	☼	10/21/24 10:32	10/21/24 15:09	1
Chloromethane	ND		5.3	2.4	ug/Kg	☼	10/21/24 10:32	10/21/24 15:09	1
cis-1,2-Dichloroethene	ND		5.3	1.6	ug/Kg	☼	10/21/24 10:32	10/21/24 15:09	1
cis-1,3-Dichloropropene	ND		5.3	3.1	ug/Kg	☼	10/21/24 10:32	10/21/24 15:09	1
Cyclohexane	ND		11	1.5	ug/Kg	☼	10/21/24 10:32	10/21/24 15:09	1
Chlorodibromomethane	ND		5.3	3.0	ug/Kg	☼	10/21/24 10:32	10/21/24 15:09	1
Dichlorodifluoromethane	ND		5.3	2.4	ug/Kg	☼	10/21/24 10:32	10/21/24 15:09	1
Ethylbenzene	ND		5.3	1.1	ug/Kg	☼	10/21/24 10:32	10/21/24 15:09	1
Isopropylbenzene	ND		5.3	2.0	ug/Kg	☼	10/21/24 10:32	10/21/24 15:09	1
Methyl acetate	ND		27	3.6	ug/Kg	☼	10/21/24 10:32	10/21/24 15:09	1
Methyl tert-butyl ether	ND		5.3	2.1	ug/Kg	☼	10/21/24 10:32	10/21/24 15:09	1
Methylcyclohexane	ND		11	1.3	ug/Kg	☼	10/21/24 10:32	10/21/24 15:09	1
Methylene Chloride	ND		27	13	ug/Kg	☼	10/21/24 10:32	10/21/24 15:09	1
Styrene	ND		5.3	1.2	ug/Kg	☼	10/21/24 10:32	10/21/24 15:09	1
Tetrachloroethene	ND		5.3	2.0	ug/Kg	☼	10/21/24 10:32	10/21/24 15:09	1
Toluene	ND		5.3	0.82	ug/Kg	☼	10/21/24 10:32	10/21/24 15:09	1
trans-1,2-Dichloroethene	ND		5.3	1.5	ug/Kg	☼	10/21/24 10:32	10/21/24 15:09	1
trans-1,3-Dichloropropene	ND		5.3	1.9	ug/Kg	☼	10/21/24 10:32	10/21/24 15:09	1
Trichloroethene	ND		5.3	1.5	ug/Kg	☼	10/21/24 10:32	10/21/24 15:09	1
Trichlorofluoromethane	ND		5.3	2.9	ug/Kg	☼	10/21/24 10:32	10/21/24 15:09	1
Vinyl chloride	ND		5.3	1.9	ug/Kg	☼	10/21/24 10:32	10/21/24 15:09	1
Xylenes, Total	ND		11	1.7	ug/Kg	☼	10/21/24 10:32	10/21/24 15:09	1

Client: August Mack Environmental, Inc.
Project/Site: MSC Canfield

Job ID: 240-213135-1

Client Sample ID: SB-16-12.0-14.0
Date Collected: 10/14/24 15:25
Date Received: 10/15/24 16:11

Lab Sample ID: 240-213135-7
Matrix: Solid
Percent Solids: 88.2

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Toluene-d8 (Surr)	*99*		*56 - 125*	*10/21/24 10:32*	*10/21/24 15:09*	*1*
Dibromofluoromethane (Surr)	*100*		*41 - 138*	*10/21/24 10:32*	*10/21/24 15:09*	*1*
4-Bromofluorobenzene (Surr)	*89*		*41 - 143*	*10/21/24 10:32*	*10/21/24 15:09*	*1*
1,2-Dichloroethane-d4 (Surr)	*99*		*58 - 125*	*10/21/24 10:32*	*10/21/24 15:09*	*1*

Method: SW846 8270E - Semivolatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1'-Biphenyl	ND		110	32	ug/Kg	☼	10/18/24 08:17	10/22/24 11:39	1
bis (2-chloroisopropyl) ether	ND		110	29	ug/Kg	☼	10/18/24 08:17	10/22/24 11:39	1
2,4,5-Trichlorophenol	ND		170	37	ug/Kg	☼	10/18/24 08:17	10/22/24 11:39	1
2,4,6-Trichlorophenol	ND		170	33	ug/Kg	☼	10/18/24 08:17	10/22/24 11:39	1
2,4-Dichlorophenol	ND		170	31	ug/Kg	☼	10/18/24 08:17	10/22/24 11:39	1
2,4-Dimethylphenol	ND		170	41	ug/Kg	☼	10/18/24 08:17	10/22/24 11:39	1
2,4-Dinitrophenol	ND		370	190	ug/Kg	☼	10/18/24 08:17	10/22/24 11:39	1
2,4-Dinitrotoluene	ND		230	26	ug/Kg	☼	10/18/24 08:17	10/22/24 11:39	1
2,6-Dinitrotoluene	ND		230	41	ug/Kg	☼	10/18/24 08:17	10/22/24 11:39	1
2-Chloronaphthalene	ND		110	32	ug/Kg	☼	10/18/24 08:17	10/22/24 11:39	1
2-Chlorophenol	ND		110	29	ug/Kg	☼	10/18/24 08:17	10/22/24 11:39	1
2-Methylnaphthalene	ND		45	15	ug/Kg	☼	10/18/24 08:17	10/22/24 11:39	1
2-Methylphenol	ND		230	46	ug/Kg	☼	10/18/24 08:17	10/22/24 11:39	1
2-Nitroaniline	ND		230	43	ug/Kg	☼	10/18/24 08:17	10/22/24 11:39	1
2-Nitrophenol	ND		110	40	ug/Kg	☼	10/18/24 08:17	10/22/24 11:39	1
3,3'-Dichlorobenzidine	ND		170	110	ug/Kg	☼	10/18/24 08:17	10/22/24 11:39	1
3-Nitroaniline	ND		230	40	ug/Kg	☼	10/18/24 08:17	10/22/24 11:39	1
4,6-Dinitro-2-methylphenol	ND		370	120	ug/Kg	☼	10/18/24 08:17	10/22/24 11:39	1
4-Bromophenyl phenyl ether	ND		110	36	ug/Kg	☼	10/18/24 08:17	10/22/24 11:39	1
4-Chloro-3-methylphenol	ND		170	43	ug/Kg	☼	10/18/24 08:17	10/22/24 11:39	1
4-Chloroaniline	ND		170	18	ug/Kg	☼	10/18/24 08:17	10/22/24 11:39	1
4-Chlorophenyl phenyl ether	ND		110	32	ug/Kg	☼	10/18/24 08:17	10/22/24 11:39	1
4-Nitroaniline	ND		230	29	ug/Kg	☼	10/18/24 08:17	10/22/24 11:39	1
4-Nitrophenol	ND		370	100	ug/Kg	☼	10/18/24 08:17	10/22/24 11:39	1
Acenaphthene	ND		45	16	ug/Kg	☼	10/18/24 08:17	10/22/24 11:39	1
Acenaphthylene	ND		45	17	ug/Kg	☼	10/18/24 08:17	10/22/24 11:39	1
Acetophenone	ND		110	28	ug/Kg	☼	10/18/24 08:17	10/22/24 11:39	1
Anthracene	ND		45	14	ug/Kg	☼	10/18/24 08:17	10/22/24 11:39	1
Atrazine	ND		370	78	ug/Kg	☼	10/18/24 08:17	10/22/24 11:39	1
Benzaldehyde	ND		370	63	ug/Kg	☼	10/18/24 08:17	10/22/24 11:39	1
Benzo[a]anthracene	ND		45	17	ug/Kg	☼	10/18/24 08:17	10/22/24 11:39	1
Benzo[a]pyrene	ND		45	16	ug/Kg	☼	10/18/24 08:17	10/22/24 11:39	1
Benzo[b]fluoranthene	ND		45	14	ug/Kg	☼	10/18/24 08:17	10/22/24 11:39	1
Benzo[g,h,i]perylene	ND		45	31	ug/Kg	☼	10/18/24 08:17	10/22/24 11:39	1
Benzo[k]fluoranthene	ND		45	11	ug/Kg	☼	10/18/24 08:17	10/22/24 11:39	1
Bis(2-chloroethoxy)methane	ND		110	23	ug/Kg	☼	10/18/24 08:17	10/22/24 11:39	1
Bis(2-chloroethyl)ether	ND		110	25	ug/Kg	☼	10/18/24 08:17	10/22/24 11:39	1
Bis(2-ethylhexyl) phthalate	**69**	**J**	170	63	ug/Kg	☼	10/18/24 08:17	10/22/24 11:39	1
Butyl benzyl phthalate	ND		170	58	ug/Kg	☼	10/18/24 08:17	10/22/24 11:39	1
Caprolactam	ND		370	78	ug/Kg	☼	10/18/24 08:17	10/22/24 11:39	1
Carbazole	ND		110	31	ug/Kg	☼	10/18/24 08:17	10/22/24 11:39	1
Chrysene	ND		45	16	ug/Kg	☼	10/18/24 08:17	10/22/24 11:39	1
Dibenz(a,h)anthracene	ND		45	17	ug/Kg	☼	10/18/24 08:17	10/22/24 11:39	1

Client Sample ID: SB-16-12.0-14.0
Date Collected: 10/14/24 15:25
Date Received: 10/15/24 16:11

Lab Sample ID: 240-213135-7
Matrix: Solid
Percent Solids: 88.2

Method: SW846 8270E - Semivolatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Dibenzofuran	ND		110	33	ug/Kg	☼	10/18/24 08:17	10/22/24 11:39	1
Diethyl phthalate	ND		170	49	ug/Kg	☼	10/18/24 08:17	10/22/24 11:39	1
Dimethyl phthalate	ND		170	45	ug/Kg	☼	10/18/24 08:17	10/22/24 11:39	1
Di-n-butyl phthalate	ND		170	58	ug/Kg	☼	10/18/24 08:17	10/22/24 11:39	1
Di-n-octyl phthalate	ND		170	57	ug/Kg	☼	10/18/24 08:17	10/22/24 11:39	1
Fluoranthene	ND		45	16	ug/Kg	☼	10/18/24 08:17	10/22/24 11:39	1
Fluorene	ND		45	16	ug/Kg	☼	10/18/24 08:17	10/22/24 11:39	1
Hexachlorobenzene	ND		45	16	ug/Kg	☼	10/18/24 08:17	10/22/24 11:39	1
Hexachlorobutadiene	ND		110	24	ug/Kg	☼	10/18/24 08:17	10/22/24 11:39	1
Hexachlorocyclopentadiene	ND		370	44	ug/Kg	☼	10/18/24 08:17	10/22/24 11:39	1
Hexachloroethane	ND		110	36	ug/Kg	☼	10/18/24 08:17	10/22/24 11:39	1
Indeno[1,2,3-cd]pyrene	ND		45	14	ug/Kg	☼	10/18/24 08:17	10/22/24 11:39	1
Isophorone	ND		110	29	ug/Kg	☼	10/18/24 08:17	10/22/24 11:39	1
N-Nitrosodi-n-propylamine	ND		110	42	ug/Kg	☼	10/18/24 08:17	10/22/24 11:39	1
N-Nitrosodiphenylamine	ND		110	31	ug/Kg	☼	10/18/24 08:17	10/22/24 11:39	1
Naphthalene	ND		45	15	ug/Kg	☼	10/18/24 08:17	10/22/24 11:39	1
Nitrobenzene	ND		110	25	ug/Kg	☼	10/18/24 08:17	10/22/24 11:39	1
Pentachlorophenol	ND		310	120	ug/Kg	☼	10/18/24 08:17	10/22/24 11:39	1
Phenanthrene	ND		45	15	ug/Kg	☼	10/18/24 08:17	10/22/24 11:39	1
Phenol	ND		110	43	ug/Kg	☼	10/18/24 08:17	10/22/24 11:39	1
Pyrene	ND		45	18	ug/Kg	☼	10/18/24 08:17	10/22/24 11:39	1
3 & 4 Methylphenol	ND		450	46	ug/Kg	☼	10/18/24 08:17	10/22/24 11:39	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Terphenyl-d14 (Surr)	*79*		*37 - 120*	*10/18/24 08:17*	*10/22/24 11:39*	*1*
Phenol-d5 (Surr)	*70*		*29 - 120*	*10/18/24 08:17*	*10/22/24 11:39*	*1*
Nitrobenzene-d5 (Surr)	*61*		*28 - 120*	*10/18/24 08:17*	*10/22/24 11:39*	*1*
2-Fluorophenol (Surr)	*71*		*26 - 120*	*10/18/24 08:17*	*10/22/24 11:39*	*1*
2-Fluorobiphenyl (Surr)	*67*		*36 - 120*	*10/18/24 08:17*	*10/22/24 11:39*	*1*
2,4,6-Tribromophenol (Surr)	*64*		*10 - 120*	*10/18/24 08:17*	*10/22/24 11:39*	*1*

Method: SW846 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aroclor-1016	ND		59	30	ug/Kg	☼	10/21/24 09:59	10/21/24 21:48	1
Aroclor-1221	ND		59	36	ug/Kg	☼	10/21/24 09:59	10/21/24 21:48	1
Aroclor-1232	ND		59	25	ug/Kg	☼	10/21/24 09:59	10/21/24 21:48	1
Aroclor-1242	ND		59	23	ug/Kg	☼	10/21/24 09:59	10/21/24 21:48	1
Aroclor-1248	ND		59	20	ug/Kg	☼	10/21/24 09:59	10/21/24 21:48	1
Aroclor-1254	ND		59	25	ug/Kg	☼	10/21/24 09:59	10/21/24 21:48	1
Aroclor-1260	ND		59	25	ug/Kg	☼	10/21/24 09:59	10/21/24 21:48	1
Aroclor-1262	ND		59	26	ug/Kg	☼	10/21/24 09:59	10/21/24 21:48	1
Aroclor-1268	ND		59	19	ug/Kg	☼	10/21/24 09:59	10/21/24 21:48	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Tetrachloro-m-xylene	*76*		*10 - 149*	*10/21/24 09:59*	*10/21/24 21:48*	*1*
DCB Decachlorobiphenyl	*80*		*10 - 174*	*10/21/24 09:59*	*10/21/24 21:48*	*1*

Method: SW846 6010D - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	**15**		1.5	0.32	mg/Kg	☼	10/17/24 15:00	10/18/24 22:58	1

Client: August Mack Environmental, Inc.
Project/Site: MSC Canfield

Job ID: 240-213135-1

Client Sample ID: SB-16-12.0-14.0
Date Collected: 10/14/24 15:25
Date Received: 10/15/24 16:11

Lab Sample ID: 240-213135-7
Matrix: Solid
Percent Solids: 88.2

Method: SW846 6010D - Metals (ICP) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Barium	35		20	0.13	mg/Kg	☼	10/17/24 15:00	10/18/24 22:58	1
Cadmium	0.074	J	0.51	0.049	mg/Kg	☼	10/17/24 15:00	10/18/24 22:58	1
Chromium	11		1.0	0.35	mg/Kg	☼	10/17/24 15:00	10/18/24 22:58	1
Copper	18		2.5	0.71	mg/Kg	☼	10/17/24 15:00	10/18/24 22:58	1
Lead	12		1.0	0.29	mg/Kg	☼	10/17/24 15:00	10/18/24 22:58	1
Selenium	ND		2.0	0.47	mg/Kg	☼	10/17/24 15:00	10/18/24 22:58	1
Silver	ND	L	1.0	0.082	mg/Kg	☼	10/17/24 15:00	10/18/24 22:58	1
Zinc	60		5.1	3.7	mg/Kg	☼	10/17/24 15:00	10/18/24 22:58	1

Method: SW846 7471B - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.038	J	0.13	0.023	mg/Kg	☼	10/17/24 15:00	10/18/24 10:41	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cr (VI) (SW846 7196A)	ND		0.49	0.16	mg/Kg	☼	10/26/24 02:33	10/27/24 07:02	1
Cyanide, Total (SW846 9012B)	ND		0.49	0.39	mg/Kg	☼	10/22/24 13:55	10/22/24 17:13	1

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Solids (EPA Moisture)	88.2		0.1	0.1	%			10/16/24 17:33	1
Percent Moisture (EPA Moisture)	11.8		0.1	0.1	%			10/16/24 17:33	1

General Chemistry - ASTM Leach

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cyanide, Free (OI CORP OIA-1677)	ND		0.0060	0.0050	mg/L			10/22/24 12:27	1

Client: August Mack Environmental, Inc.
Project/Site: MSC Canfield

Job ID: 240-213135-1

Client Sample ID: SB-16-4.0-6.0
Date Collected: 10/14/24 15:15
Date Received: 10/15/24 16:11

Lab Sample ID: 240-213135-8
Matrix: Solid
Percent Solids: 81.6

Method: SW846 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		5.7	2.0	ug/Kg	☼	10/21/24 10:32	10/21/24 15:30	1
1,1,2,2-Tetrachloroethane	ND		5.7	1.6	ug/Kg	☼	10/21/24 10:32	10/21/24 15:30	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		5.7	1.5	ug/Kg	☼	10/21/24 10:32	10/21/24 15:30	1
1,1,2-Trichloroethane	ND		5.7	1.3	ug/Kg	☼	10/21/24 10:32	10/21/24 15:30	1
1,1-Dichloroethane	ND		5.7	1.6	ug/Kg	☼	10/21/24 10:32	10/21/24 15:30	1
1,1-Dichloroethene	ND		5.7	2.1	ug/Kg	☼	10/21/24 10:32	10/21/24 15:30	1
1,2,4-Trichlorobenzene	ND		5.7	2.9	ug/Kg	☼	10/21/24 10:32	10/21/24 15:30	1
1,2-Dibromo-3-Chloropropane	ND		11	4.1	ug/Kg	☼	10/21/24 10:32	10/21/24 15:30	1
Ethylene Dibromide	ND		5.7	1.9	ug/Kg	☼	10/21/24 10:32	10/21/24 15:30	1
1,2-Dichlorobenzene	ND		5.7	1.3	ug/Kg	☼	10/21/24 10:32	10/21/24 15:30	1
1,2-Dichloroethane	ND		5.7	2.1	ug/Kg	☼	10/21/24 10:32	10/21/24 15:30	1
1,2-Dichloropropane	ND		5.7	0.98	ug/Kg	☼	10/21/24 10:32	10/21/24 15:30	1
1,3-Dichlorobenzene	ND		5.7	1.9	ug/Kg	☼	10/21/24 10:32	10/21/24 15:30	1
1,4-Dichlorobenzene	ND		5.7	1.0	ug/Kg	☼	10/21/24 10:32	10/21/24 15:30	1
2-Butanone (MEK)	**8.3**	**J**	23	4.1	ug/Kg	☼	10/21/24 10:32	10/21/24 15:30	1
2-Hexanone	ND		23	4.7	ug/Kg	☼	10/21/24 10:32	10/21/24 15:30	1
4-Methyl-2-pentanone (MIBK)	ND		23	4.3	ug/Kg	☼	10/21/24 10:32	10/21/24 15:30	1
Acetone	**87**		29	24	ug/Kg	☼	10/21/24 10:32	10/21/24 15:30	1
Benzene	ND		5.7	1.7	ug/Kg	☼	10/21/24 10:32	10/21/24 15:30	1
Dichlorobromomethane	ND		5.7	1.7	ug/Kg	☼	10/21/24 10:32	10/21/24 15:30	1
Bromoform	ND		5.7	2.8	ug/Kg	☼	10/21/24 10:32	10/21/24 15:30	1
Bromomethane	ND		5.7	4.8	ug/Kg	☼	10/21/24 10:32	10/21/24 15:30	1
Carbon disulfide	ND		5.7	1.3	ug/Kg	☼	10/21/24 10:32	10/21/24 15:30	1
Carbon tetrachloride	ND		5.7	3.7	ug/Kg	☼	10/21/24 10:32	10/21/24 15:30	1
Chlorobenzene	ND		5.7	1.1	ug/Kg	☼	10/21/24 10:32	10/21/24 15:30	1
Chloroethane	ND		5.7	3.1	ug/Kg	☼	10/21/24 10:32	10/21/24 15:30	1
Chloroform	ND		5.7	2.1	ug/Kg	☼	10/21/24 10:32	10/21/24 15:30	1
Chloromethane	ND		5.7	2.6	ug/Kg	☼	10/21/24 10:32	10/21/24 15:30	1
cis-1,2-Dichloroethene	ND		5.7	1.7	ug/Kg	☼	10/21/24 10:32	10/21/24 15:30	1
cis-1,3-Dichloropropene	ND		5.7	3.3	ug/Kg	☼	10/21/24 10:32	10/21/24 15:30	1
Cyclohexane	ND		11	1.6	ug/Kg	☼	10/21/24 10:32	10/21/24 15:30	1
Chlorodibromomethane	ND		5.7	3.2	ug/Kg	☼	10/21/24 10:32	10/21/24 15:30	1
Dichlorodifluoromethane	ND		5.7	2.6	ug/Kg	☼	10/21/24 10:32	10/21/24 15:30	1
Ethylbenzene	ND		5.7	1.2	ug/Kg	☼	10/21/24 10:32	10/21/24 15:30	1
Isopropylbenzene	ND		5.7	2.2	ug/Kg	☼	10/21/24 10:32	10/21/24 15:30	1
Methyl acetate	ND		29	3.9	ug/Kg	☼	10/21/24 10:32	10/21/24 15:30	1
Methyl tert-butyl ether	ND		5.7	2.3	ug/Kg	☼	10/21/24 10:32	10/21/24 15:30	1
Methylcyclohexane	ND		11	1.4	ug/Kg	☼	10/21/24 10:32	10/21/24 15:30	1
Methylene Chloride	ND		29	14	ug/Kg	☼	10/21/24 10:32	10/21/24 15:30	1
Styrene	ND		5.7	1.3	ug/Kg	☼	10/21/24 10:32	10/21/24 15:30	1
Tetrachloroethene	ND		5.7	2.2	ug/Kg	☼	10/21/24 10:32	10/21/24 15:30	1
Toluene	ND		5.7	0.89	ug/Kg	☼	10/21/24 10:32	10/21/24 15:30	1
trans-1,2-Dichloroethene	ND		5.7	1.6	ug/Kg	☼	10/21/24 10:32	10/21/24 15:30	1
trans-1,3-Dichloropropene	ND		5.7	2.1	ug/Kg	☼	10/21/24 10:32	10/21/24 15:30	1
Trichloroethene	ND		5.7	1.6	ug/Kg	☼	10/21/24 10:32	10/21/24 15:30	1
Trichlorofluoromethane	ND		5.7	3.1	ug/Kg	☼	10/21/24 10:32	10/21/24 15:30	1
Vinyl chloride	ND		5.7	2.0	ug/Kg	☼	10/21/24 10:32	10/21/24 15:30	1
Xylenes, Total	ND		11	1.8	ug/Kg	☼	10/21/24 10:32	10/21/24 15:30	1

Client Sample ID: SB-16-4.0-6.0
Date Collected: 10/14/24 15:15
Date Received: 10/15/24 16:11

Lab Sample ID: 240-213135-8
Matrix: Solid
Percent Solids: 81.6

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Toluene-d8 (Surr)	*98*		*56 - 125*	*10/21/24 10:32*	*10/21/24 15:30*	*1*
Dibromofluoromethane (Surr)	*100*		*41 - 138*	*10/21/24 10:32*	*10/21/24 15:30*	*1*
4-Bromofluorobenzene (Surr)	*88*		*41 - 143*	*10/21/24 10:32*	*10/21/24 15:30*	*1*
1,2-Dichloroethane-d4 (Surr)	*99*		*58 - 125*	*10/21/24 10:32*	*10/21/24 15:30*	*1*

Method: SW846 8270E - Semivolatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1'-Biphenyl	ND		130	35	ug/Kg	☼	10/18/24 08:17	10/22/24 12:03	1
bis (2-chloroisopropyl) ether	ND		130	33	ug/Kg	☼	10/18/24 08:17	10/22/24 12:03	1
2,4,5-Trichlorophenol	ND		190	41	ug/Kg	☼	10/18/24 08:17	10/22/24 12:03	1
2,4,6-Trichlorophenol	ND		190	36	ug/Kg	☼	10/18/24 08:17	10/22/24 12:03	1
2,4-Dichlorophenol	ND		190	34	ug/Kg	☼	10/18/24 08:17	10/22/24 12:03	1
2,4-Dimethylphenol	ND		190	45	ug/Kg	☼	10/18/24 08:17	10/22/24 12:03	1
2,4-Dinitrophenol	ND		410	210	ug/Kg	☼	10/18/24 08:17	10/22/24 12:03	1
2,4-Dinitrotoluene	ND		250	29	ug/Kg	☼	10/18/24 08:17	10/22/24 12:03	1
2,6-Dinitrotoluene	ND		250	45	ug/Kg	☼	10/18/24 08:17	10/22/24 12:03	1
2-Chloronaphthalene	ND		130	35	ug/Kg	☼	10/18/24 08:17	10/22/24 12:03	1
2-Chlorophenol	ND		130	33	ug/Kg	☼	10/18/24 08:17	10/22/24 12:03	1
2-Methylnaphthalene	ND		50	16	ug/Kg	☼	10/18/24 08:17	10/22/24 12:03	1
2-Methylphenol	ND		250	52	ug/Kg	☼	10/18/24 08:17	10/22/24 12:03	1
2-Nitroaniline	ND		250	48	ug/Kg	☼	10/18/24 08:17	10/22/24 12:03	1
2-Nitrophenol	ND		130	44	ug/Kg	☼	10/18/24 08:17	10/22/24 12:03	1
3,3'-Dichlorobenzidine	ND		190	120	ug/Kg	☼	10/18/24 08:17	10/22/24 12:03	1
3-Nitroaniline	ND		250	44	ug/Kg	☼	10/18/24 08:17	10/22/24 12:03	1
4,6-Dinitro-2-methylphenol	ND		410	130	ug/Kg	☼	10/18/24 08:17	10/22/24 12:03	1
4-Bromophenyl phenyl ether	ND		130	40	ug/Kg	☼	10/18/24 08:17	10/22/24 12:03	1
4-Chloro-3-methylphenol	ND		190	48	ug/Kg	☼	10/18/24 08:17	10/22/24 12:03	1
4-Chloroaniline	ND		190	20	ug/Kg	☼	10/18/24 08:17	10/22/24 12:03	1
4-Chlorophenyl phenyl ether	ND		130	35	ug/Kg	☼	10/18/24 08:17	10/22/24 12:03	1
4-Nitroaniline	ND		250	33	ug/Kg	☼	10/18/24 08:17	10/22/24 12:03	1
4-Nitrophenol	ND		410	110	ug/Kg	☼	10/18/24 08:17	10/22/24 12:03	1
Acenaphthene	ND		50	18	ug/Kg	☼	10/18/24 08:17	10/22/24 12:03	1
Acenaphthylene	ND		50	19	ug/Kg	☼	10/18/24 08:17	10/22/24 12:03	1
Acetophenone	ND		130	31	ug/Kg	☼	10/18/24 08:17	10/22/24 12:03	1
Anthracene	ND		50	15	ug/Kg	☼	10/18/24 08:17	10/22/24 12:03	1
Atrazine	ND		410	87	ug/Kg	☼	10/18/24 08:17	10/22/24 12:03	1
Benzaldehyde	ND		410	70	ug/Kg	☼	10/18/24 08:17	10/22/24 12:03	1
Benzo[a]anthracene	ND		50	19	ug/Kg	☼	10/18/24 08:17	10/22/24 12:03	1
Benzo[a]pyrene	ND		50	18	ug/Kg	☼	10/18/24 08:17	10/22/24 12:03	1
Benzo[b]fluoranthene	ND		50	15	ug/Kg	☼	10/18/24 08:17	10/22/24 12:03	1
Benzo[g,h,i]perylene	ND		50	34	ug/Kg	☼	10/18/24 08:17	10/22/24 12:03	1
Benzo[k]fluoranthene	ND		50	13	ug/Kg	☼	10/18/24 08:17	10/22/24 12:03	1
Bis(2-chloroethoxy)methane	ND		130	25	ug/Kg	☼	10/18/24 08:17	10/22/24 12:03	1
Bis(2-chloroethyl)ether	ND		130	28	ug/Kg	☼	10/18/24 08:17	10/22/24 12:03	1
Bis(2-ethylhexyl) phthalate	ND		190	70	ug/Kg	☼	10/18/24 08:17	10/22/24 12:03	1
Butyl benzyl phthalate	ND		190	64	ug/Kg	☼	10/18/24 08:17	10/22/24 12:03	1
Caprolactam	ND		410	87	ug/Kg	☼	10/18/24 08:17	10/22/24 12:03	1
Carbazole	ND		130	34	ug/Kg	☼	10/18/24 08:17	10/22/24 12:03	1
Chrysene	ND		50	18	ug/Kg	☼	10/18/24 08:17	10/22/24 12:03	1
Dibenz(a,h)anthracene	ND		50	19	ug/Kg	☼	10/18/24 08:17	10/22/24 12:03	1

Client Sample ID: SB-16-4.0-6.0
Date Collected: 10/14/24 15:15
Date Received: 10/15/24 16:11

Lab Sample ID: 240-213135-8
Matrix: Solid
Percent Solids: 81.6

Method: SW846 8270E - Semivolatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Dibenzofuran	ND		130	36	ug/Kg	☼	10/18/24 08:17	10/22/24 12:03	1
Diethyl phthalate	ND		190	54	ug/Kg	☼	10/18/24 08:17	10/22/24 12:03	1
Dimethyl phthalate	ND		190	50	ug/Kg	☼	10/18/24 08:17	10/22/24 12:03	1
Di-n-butyl phthalate	ND		190	64	ug/Kg	☼	10/18/24 08:17	10/22/24 12:03	1
Di-n-octyl phthalate	ND		190	63	ug/Kg	☼	10/18/24 08:17	10/22/24 12:03	1
Fluoranthene	ND		50	18	ug/Kg	☼	10/18/24 08:17	10/22/24 12:03	1
Fluorene	ND		50	18	ug/Kg	☼	10/18/24 08:17	10/22/24 12:03	1
Hexachlorobenzene	ND		50	18	ug/Kg	☼	10/18/24 08:17	10/22/24 12:03	1
Hexachlorobutadiene	ND		130	26	ug/Kg	☼	10/18/24 08:17	10/22/24 12:03	1
Hexachlorocyclopentadiene	ND		410	49	ug/Kg	☼	10/18/24 08:17	10/22/24 12:03	1
Hexachloroethane	ND		130	40	ug/Kg	☼	10/18/24 08:17	10/22/24 12:03	1
Indeno[1,2,3-cd]pyrene	ND		50	15	ug/Kg	☼	10/18/24 08:17	10/22/24 12:03	1
Isophorone	ND		130	33	ug/Kg	☼	10/18/24 08:17	10/22/24 12:03	1
N-Nitrosodi-n-propylamine	ND		130	47	ug/Kg	☼	10/18/24 08:17	10/22/24 12:03	1
N-Nitrosodiphenylamine	ND		130	34	ug/Kg	☼	10/18/24 08:17	10/22/24 12:03	1
Naphthalene	ND		50	16	ug/Kg	☼	10/18/24 08:17	10/22/24 12:03	1
Nitrobenzene	ND		130	28	ug/Kg	☼	10/18/24 08:17	10/22/24 12:03	1
Pentachlorophenol	ND		340	130	ug/Kg	☼	10/18/24 08:17	10/22/24 12:03	1
Phenanthrene	ND		50	16	ug/Kg	☼	10/18/24 08:17	10/22/24 12:03	1
Phenol	ND		130	48	ug/Kg	☼	10/18/24 08:17	10/22/24 12:03	1
Pyrene	ND		50	20	ug/Kg	☼	10/18/24 08:17	10/22/24 12:03	1
3 & 4 Methylphenol	ND		500	52	ug/Kg	☼	10/18/24 08:17	10/22/24 12:03	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Terphenyl-d14 (Surr)	*81*		*37 - 120*	*10/18/24 08:17*	*10/22/24 12:03*	*1*
Phenol-d5 (Surr)	*77*		*29 - 120*	*10/18/24 08:17*	*10/22/24 12:03*	*1*
Nitrobenzene-d5 (Surr)	*64*		*28 - 120*	*10/18/24 08:17*	*10/22/24 12:03*	*1*
2-Fluorophenol (Surr)	*78*		*26 - 120*	*10/18/24 08:17*	*10/22/24 12:03*	*1*
2-Fluorobiphenyl (Surr)	*72*		*36 - 120*	*10/18/24 08:17*	*10/22/24 12:03*	*1*
2,4,6-Tribromophenol (Surr)	*64*		*10 - 120*	*10/18/24 08:17*	*10/22/24 12:03*	*1*

Method: SW846 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aroclor-1016	ND		63	31	ug/Kg	☼	10/21/24 09:59	10/21/24 22:04	1
Aroclor-1221	ND		63	38	ug/Kg	☼	10/21/24 09:59	10/21/24 22:04	1
Aroclor-1232	ND		63	26	ug/Kg	☼	10/21/24 09:59	10/21/24 22:04	1
Aroclor-1242	ND		63	24	ug/Kg	☼	10/21/24 09:59	10/21/24 22:04	1
Aroclor-1248	ND		63	21	ug/Kg	☼	10/21/24 09:59	10/21/24 22:04	1
Aroclor-1254	**43**	**J**	63	26	ug/Kg	☼	10/21/24 09:59	10/21/24 22:04	1
Aroclor-1260	ND		63	26	ug/Kg	☼	10/21/24 09:59	10/21/24 22:04	1
Aroclor-1262	ND		63	28	ug/Kg	☼	10/21/24 09:59	10/21/24 22:04	1
Aroclor-1268	ND		63	20	ug/Kg	☼	10/21/24 09:59	10/21/24 22:04	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Tetrachloro-m-xylene	*87*		*10 - 149*	*10/21/24 09:59*	*10/21/24 22:04*	*1*
DCB Decachlorobiphenyl	*35*		*10 - 174*	*10/21/24 09:59*	*10/21/24 22:04*	*1*

Method: SW846 6010D - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	**11**		1.6	0.35	mg/Kg	☼	10/17/24 15:00	10/18/24 23:03	1

Client: August Mack Environmental, Inc.
Project/Site: MSC Canfield

Job ID: 240-213135-1

Client Sample ID: SB-16-4.0-6.0
Date Collected: 10/14/24 15:15
Date Received: 10/15/24 16:11

Lab Sample ID: 240-213135-8
Matrix: Solid
Percent Solids: 81.6

Method: SW846 6010D - Metals (ICP) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Barium	**38**		22	0.14	mg/Kg	☼	10/17/24 15:00	10/18/24 23:03	1
Cadmium	ND		0.55	0.052	mg/Kg	☼	10/17/24 15:00	10/18/24 23:03	1
Chromium	**17**		1.1	0.38	mg/Kg	☼	10/17/24 15:00	10/18/24 23:03	1
Copper	**18**		2.7	0.77	mg/Kg	☼	10/17/24 15:00	10/18/24 23:03	1
Lead	**10**		1.1	0.31	mg/Kg	☼	10/17/24 15:00	10/18/24 23:03	1
Selenium	**0.61**	**J**	2.2	0.51	mg/Kg	☼	10/17/24 15:00	10/18/24 23:03	1
Silver	ND	L	1.1	0.089	mg/Kg	☼	10/17/24 15:00	10/18/24 23:03	1
Zinc	**48**		5.5	4.0	mg/Kg	☼	10/17/24 15:00	10/18/24 23:03	1

Method: SW846 7471B - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	**0.055**	**J**	0.12	0.021	mg/Kg	☼	10/17/24 15:00	10/18/24 10:43	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cr (VI) (SW846 7196A)	ND		0.51	0.17	mg/Kg	☼	10/26/24 02:33	10/27/24 07:02	1
Cyanide, Total (SW846 9012B)	**5.2**		0.73	0.58	mg/Kg	☼	10/22/24 13:55	10/22/24 17:15	1

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Solids (EPA Moisture)	**81.6**		0.1	0.1	%			10/16/24 17:34	1
Percent Moisture (EPA Moisture)	**18.4**		0.1	0.1	%			10/16/24 17:34	1

General Chemistry - ASTM Leach

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cyanide, Free (OI CORP OIA-1677)	**0.0089**		0.0060	0.0050	mg/L			10/22/24 13:55	1

Client: August Mack Environmental, Inc.
Project/Site: MSC Canfield

Job ID: 240-213135-1

Client Sample ID: SB-20-4.0-6.0
Date Collected: 10/15/24 13:00
Date Received: 10/15/24 16:11

Lab Sample ID: 240-213135-9
Matrix: Solid
Percent Solids: 91.0

Method: SW846 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		5.2	1.9	ug/Kg	☼	10/21/24 10:32	10/21/24 15:52	1
1,1,2,2-Tetrachloroethane	ND		5.2	1.5	ug/Kg	☼	10/21/24 10:32	10/21/24 15:52	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		5.2	1.3	ug/Kg	☼	10/21/24 10:32	10/21/24 15:52	1
1,1,2-Trichloroethane	ND		5.2	1.2	ug/Kg	☼	10/21/24 10:32	10/21/24 15:52	1
1,1-Dichloroethane	ND		5.2	1.5	ug/Kg	☼	10/21/24 10:32	10/21/24 15:52	1
1,1-Dichloroethene	ND		5.2	1.9	ug/Kg	☼	10/21/24 10:32	10/21/24 15:52	1
1,2,4-Trichlorobenzene	ND		5.2	2.6	ug/Kg	☼	10/21/24 10:32	10/21/24 15:52	1
1,2-Dibromo-3-Chloropropane	ND		10	3.8	ug/Kg	☼	10/21/24 10:32	10/21/24 15:52	1
Ethylene Dibromide	ND		5.2	1.8	ug/Kg	☼	10/21/24 10:32	10/21/24 15:52	1
1,2-Dichlorobenzene	ND		5.2	1.2	ug/Kg	☼	10/21/24 10:32	10/21/24 15:52	1
1,2-Dichloroethane	ND		5.2	1.9	ug/Kg	☼	10/21/24 10:32	10/21/24 15:52	1
1,2-Dichloropropane	ND		5.2	0.89	ug/Kg	☼	10/21/24 10:32	10/21/24 15:52	1
1,3-Dichlorobenzene	ND		5.2	1.7	ug/Kg	☼	10/21/24 10:32	10/21/24 15:52	1
1,4-Dichlorobenzene	ND		5.2	0.92	ug/Kg	☼	10/21/24 10:32	10/21/24 15:52	1
2-Butanone (MEK)	ND		21	3.7	ug/Kg	☼	10/21/24 10:32	10/21/24 15:52	1
2-Hexanone	ND		21	4.3	ug/Kg	☼	10/21/24 10:32	10/21/24 15:52	1
4-Methyl-2-pentanone (MIBK)	ND		21	3.9	ug/Kg	☼	10/21/24 10:32	10/21/24 15:52	1
Acetone	ND		26	22	ug/Kg	☼	10/21/24 10:32	10/21/24 15:52	1
Benzene	ND		5.2	1.6	ug/Kg	☼	10/21/24 10:32	10/21/24 15:52	1
Dichlorobromomethane	ND		5.2	1.6	ug/Kg	☼	10/21/24 10:32	10/21/24 15:52	1
Bromoform	ND		5.2	2.5	ug/Kg	☼	10/21/24 10:32	10/21/24 15:52	1
Bromomethane	ND		5.2	4.3	ug/Kg	☼	10/21/24 10:32	10/21/24 15:52	1
Carbon disulfide	ND		5.2	1.2	ug/Kg	☼	10/21/24 10:32	10/21/24 15:52	1
Carbon tetrachloride	ND		5.2	3.4	ug/Kg	☼	10/21/24 10:32	10/21/24 15:52	1
Chlorobenzene	ND		5.2	0.96	ug/Kg	☼	10/21/24 10:32	10/21/24 15:52	1
Chloroethane	ND		5.2	2.9	ug/Kg	☼	10/21/24 10:32	10/21/24 15:52	1
Chloroform	ND		5.2	1.9	ug/Kg	☼	10/21/24 10:32	10/21/24 15:52	1
Chloromethane	ND		5.2	2.4	ug/Kg	☼	10/21/24 10:32	10/21/24 15:52	1
cis-1,2-Dichloroethene	ND		5.2	1.5	ug/Kg	☼	10/21/24 10:32	10/21/24 15:52	1
cis-1,3-Dichloropropene	ND		5.2	3.0	ug/Kg	☼	10/21/24 10:32	10/21/24 15:52	1
Cyclohexane	ND		10	1.4	ug/Kg	☼	10/21/24 10:32	10/21/24 15:52	1
Chlorodibromomethane	ND		5.2	2.9	ug/Kg	☼	10/21/24 10:32	10/21/24 15:52	1
Dichlorodifluoromethane	ND		5.2	2.4	ug/Kg	☼	10/21/24 10:32	10/21/24 15:52	1
Ethylbenzene	ND		5.2	1.1	ug/Kg	☼	10/21/24 10:32	10/21/24 15:52	1
Isopropylbenzene	ND		5.2	2.0	ug/Kg	☼	10/21/24 10:32	10/21/24 15:52	1
Methyl acetate	ND		26	3.6	ug/Kg	☼	10/21/24 10:32	10/21/24 15:52	1
Methyl tert-butyl ether	ND		5.2	2.1	ug/Kg	☼	10/21/24 10:32	10/21/24 15:52	1
Methylcyclohexane	ND		10	1.3	ug/Kg	☼	10/21/24 10:32	10/21/24 15:52	1
Methylene Chloride	ND		26	13	ug/Kg	☼	10/21/24 10:32	10/21/24 15:52	1
Styrene	ND		5.2	1.2	ug/Kg	☼	10/21/24 10:32	10/21/24 15:52	1
Tetrachloroethene	ND		5.2	2.0	ug/Kg	☼	10/21/24 10:32	10/21/24 15:52	1
Toluene	ND		5.2	0.81	ug/Kg	☼	10/21/24 10:32	10/21/24 15:52	1
trans-1,2-Dichloroethene	ND		5.2	1.5	ug/Kg	☼	10/21/24 10:32	10/21/24 15:52	1
trans-1,3-Dichloropropene	ND		5.2	1.9	ug/Kg	☼	10/21/24 10:32	10/21/24 15:52	1
Trichloroethene	ND		5.2	1.5	ug/Kg	☼	10/21/24 10:32	10/21/24 15:52	1
Trichlorofluoromethane	ND		5.2	2.8	ug/Kg	☼	10/21/24 10:32	10/21/24 15:52	1
Vinyl chloride	ND		5.2	1.9	ug/Kg	☼	10/21/24 10:32	10/21/24 15:52	1
Xylenes, Total	ND		10	1.7	ug/Kg	☼	10/21/24 10:32	10/21/24 15:52	1

Client: August Mack Environmental, Inc.
Project/Site: MSC Canfield

Job ID: 240-213135-1

Client Sample ID: SB-20-4.0-6.0
Date Collected: 10/15/24 13:00
Date Received: 10/15/24 16:11

Lab Sample ID: 240-213135-9
Matrix: Solid
Percent Solids: 91.0

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Toluene-d8 (Surr)	*95*		*56 - 125*	*10/21/24 10:32*	*10/21/24 15:52*	*1*
Dibromofluoromethane (Surr)	*98*		*41 - 138*	*10/21/24 10:32*	*10/21/24 15:52*	*1*
4-Bromofluorobenzene (Surr)	*87*		*41 - 143*	*10/21/24 10:32*	*10/21/24 15:52*	*1*
1,2-Dichloroethane-d4 (Surr)	*101*		*58 - 125*	*10/21/24 10:32*	*10/21/24 15:52*	*1*

Method: SW846 8270E - Semivolatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1'-Biphenyl	ND		110	31	ug/Kg	☼	10/18/24 08:17	10/22/24 12:27	1
bis (2-chloroisopropyl) ether	ND		110	29	ug/Kg	☼	10/18/24 08:17	10/22/24 12:27	1
2,4,5-Trichlorophenol	ND		170	36	ug/Kg	☼	10/18/24 08:17	10/22/24 12:27	1
2,4,6-Trichlorophenol	ND		170	32	ug/Kg	☼	10/18/24 08:17	10/22/24 12:27	1
2,4-Dichlorophenol	ND		170	30	ug/Kg	☼	10/18/24 08:17	10/22/24 12:27	1
2,4-Dimethylphenol	ND		170	40	ug/Kg	☼	10/18/24 08:17	10/22/24 12:27	1
2,4-Dinitrophenol	ND		360	190	ug/Kg	☼	10/18/24 08:17	10/22/24 12:27	1
2,4-Dinitrotoluene	ND		220	25	ug/Kg	☼	10/18/24 08:17	10/22/24 12:27	1
2,6-Dinitrotoluene	ND		220	40	ug/Kg	☼	10/18/24 08:17	10/22/24 12:27	1
2-Chloronaphthalene	ND		110	31	ug/Kg	☼	10/18/24 08:17	10/22/24 12:27	1
2-Chlorophenol	ND		110	29	ug/Kg	☼	10/18/24 08:17	10/22/24 12:27	1
2-Methylnaphthalene	ND		44	14	ug/Kg	☼	10/18/24 08:17	10/22/24 12:27	1
2-Methylphenol	ND		220	45	ug/Kg	☼	10/18/24 08:17	10/22/24 12:27	1
2-Nitroaniline	ND		220	42	ug/Kg	☼	10/18/24 08:17	10/22/24 12:27	1
2-Nitrophenol	ND		110	39	ug/Kg	☼	10/18/24 08:17	10/22/24 12:27	1
3,3'-Dichlorobenzidine	ND		170	100	ug/Kg	☼	10/18/24 08:17	10/22/24 12:27	1
3-Nitroaniline	ND		220	39	ug/Kg	☼	10/18/24 08:17	10/22/24 12:27	1
4,6-Dinitro-2-methylphenol	ND		360	110	ug/Kg	☼	10/18/24 08:17	10/22/24 12:27	1
4-Bromophenyl phenyl ether	ND		110	35	ug/Kg	☼	10/18/24 08:17	10/22/24 12:27	1
4-Chloro-3-methylphenol	ND		170	42	ug/Kg	☼	10/18/24 08:17	10/22/24 12:27	1
4-Chloroaniline	ND		170	18	ug/Kg	☼	10/18/24 08:17	10/22/24 12:27	1
4-Chlorophenyl phenyl ether	ND		110	31	ug/Kg	☼	10/18/24 08:17	10/22/24 12:27	1
4-Nitroaniline	ND		220	29	ug/Kg	☼	10/18/24 08:17	10/22/24 12:27	1
4-Nitrophenol	ND		360	99	ug/Kg	☼	10/18/24 08:17	10/22/24 12:27	1
Acenaphthene	ND		44	15	ug/Kg	☼	10/18/24 08:17	10/22/24 12:27	1
Acenaphthylene	ND		44	17	ug/Kg	☼	10/18/24 08:17	10/22/24 12:27	1
Acetophenone	ND		110	28	ug/Kg	☼	10/18/24 08:17	10/22/24 12:27	1
Anthracene	ND		44	13	ug/Kg	☼	10/18/24 08:17	10/22/24 12:27	1
Atrazine	ND		360	76	ug/Kg	☼	10/18/24 08:17	10/22/24 12:27	1
Benzaldehyde	ND		360	62	ug/Kg	☼	10/18/24 08:17	10/22/24 12:27	1
Benzo[a]anthracene	ND		44	17	ug/Kg	☼	10/18/24 08:17	10/22/24 12:27	1
Benzo[a]pyrene	ND		44	15	ug/Kg	☼	10/18/24 08:17	10/22/24 12:27	1
Benzo[b]fluoranthene	ND		44	13	ug/Kg	☼	10/18/24 08:17	10/22/24 12:27	1
Benzo[g,h,i]perylene	ND		44	30	ug/Kg	☼	10/18/24 08:17	10/22/24 12:27	1
Benzo[k]fluoranthene	ND		44	11	ug/Kg	☼	10/18/24 08:17	10/22/24 12:27	1
Bis(2-chloroethoxy)methane	ND		110	22	ug/Kg	☼	10/18/24 08:17	10/22/24 12:27	1
Bis(2-chloroethyl)ether	ND		110	24	ug/Kg	☼	10/18/24 08:17	10/22/24 12:27	1
Bis(2-ethylhexyl) phthalate	ND		170	62	ug/Kg	☼	10/18/24 08:17	10/22/24 12:27	1
Butyl benzyl phthalate	ND		170	56	ug/Kg	☼	10/18/24 08:17	10/22/24 12:27	1
Caprolactam	ND		360	76	ug/Kg	☼	10/18/24 08:17	10/22/24 12:27	1
Carbazole	ND		110	30	ug/Kg	☼	10/18/24 08:17	10/22/24 12:27	1
Chrysene	ND		44	15	ug/Kg	☼	10/18/24 08:17	10/22/24 12:27	1
Dibenz(a,h)anthracene	ND		44	17	ug/Kg	☼	10/18/24 08:17	10/22/24 12:27	1

Client Sample ID: SB-20-4.0-6.0
Date Collected: 10/15/24 13:00
Date Received: 10/15/24 16:11

Lab Sample ID: 240-213135-9
Matrix: Solid
Percent Solids: 91.0

Method: SW846 8270E - Semivolatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Dibenzofuran	ND		110	32	ug/Kg	☼	10/18/24 08:17	10/22/24 12:27	1
Diethyl phthalate	ND		170	47	ug/Kg	☼	10/18/24 08:17	10/22/24 12:27	1
Dimethyl phthalate	ND		170	44	ug/Kg	☼	10/18/24 08:17	10/22/24 12:27	1
Di-n-butyl phthalate	ND		170	56	ug/Kg	☼	10/18/24 08:17	10/22/24 12:27	1
Di-n-octyl phthalate	ND		170	55	ug/Kg	☼	10/18/24 08:17	10/22/24 12:27	1
Fluoranthene	ND		44	15	ug/Kg	☼	10/18/24 08:17	10/22/24 12:27	1
Fluorene	ND		44	15	ug/Kg	☼	10/18/24 08:17	10/22/24 12:27	1
Hexachlorobenzene	ND		44	15	ug/Kg	☼	10/18/24 08:17	10/22/24 12:27	1
Hexachlorobutadiene	ND		110	23	ug/Kg	☼	10/18/24 08:17	10/22/24 12:27	1
Hexachlorocyclopentadiene	ND		360	43	ug/Kg	☼	10/18/24 08:17	10/22/24 12:27	1
Hexachloroethane	ND		110	35	ug/Kg	☼	10/18/24 08:17	10/22/24 12:27	1
Indeno[1,2,3-cd]pyrene	ND		44	13	ug/Kg	☼	10/18/24 08:17	10/22/24 12:27	1
Isophorone	ND		110	29	ug/Kg	☼	10/18/24 08:17	10/22/24 12:27	1
N-Nitrosodi-n-propylamine	ND		110	41	ug/Kg	☼	10/18/24 08:17	10/22/24 12:27	1
N-Nitrosodiphenylamine	ND		110	30	ug/Kg	☼	10/18/24 08:17	10/22/24 12:27	1
Naphthalene	ND		44	14	ug/Kg	☼	10/18/24 08:17	10/22/24 12:27	1
Nitrobenzene	ND		110	24	ug/Kg	☼	10/18/24 08:17	10/22/24 12:27	1
Pentachlorophenol	ND		300	120	ug/Kg	☼	10/18/24 08:17	10/22/24 12:27	1
Phenanthrene	ND		44	14	ug/Kg	☼	10/18/24 08:17	10/22/24 12:27	1
Phenol	ND		110	42	ug/Kg	☼	10/18/24 08:17	10/22/24 12:27	1
Pyrene	ND		44	18	ug/Kg	☼	10/18/24 08:17	10/22/24 12:27	1
3 & 4 Methylphenol	ND		440	45	ug/Kg	☼	10/18/24 08:17	10/22/24 12:27	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Terphenyl-d14 (Surr)	*83*		*37 - 120*	*10/18/24 08:17*	*10/22/24 12:27*	*1*
Phenol-d5 (Surr)	*76*		*29 - 120*	*10/18/24 08:17*	*10/22/24 12:27*	*1*
Nitrobenzene-d5 (Surr)	*64*		*28 - 120*	*10/18/24 08:17*	*10/22/24 12:27*	*1*
2-Fluorophenol (Surr)	*76*		*26 - 120*	*10/18/24 08:17*	*10/22/24 12:27*	*1*
2-Fluorobiphenyl (Surr)	*71*		*36 - 120*	*10/18/24 08:17*	*10/22/24 12:27*	*1*
2,4,6-Tribromophenol (Surr)	*64*		*10 - 120*	*10/18/24 08:17*	*10/22/24 12:27*	*1*

Method: SW846 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aroclor-1016	ND		56	28	ug/Kg	☼	10/21/24 09:59	10/21/24 22:19	1
Aroclor-1221	ND		56	34	ug/Kg	☼	10/21/24 09:59	10/21/24 22:19	1
Aroclor-1232	ND		56	24	ug/Kg	☼	10/21/24 09:59	10/21/24 22:19	1
Aroclor-1242	ND		56	21	ug/Kg	☼	10/21/24 09:59	10/21/24 22:19	1
Aroclor-1248	ND		56	19	ug/Kg	☼	10/21/24 09:59	10/21/24 22:19	1
Aroclor-1254	ND		56	24	ug/Kg	☼	10/21/24 09:59	10/21/24 22:19	1
Aroclor-1260	ND		56	24	ug/Kg	☼	10/21/24 09:59	10/21/24 22:19	1
Aroclor-1262	ND		56	25	ug/Kg	☼	10/21/24 09:59	10/21/24 22:19	1
Aroclor-1268	ND		56	18	ug/Kg	☼	10/21/24 09:59	10/21/24 22:19	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Tetrachloro-m-xylene	*85*		*10 - 149*	*10/21/24 09:59*	*10/21/24 22:19*	*1*
DCB Decachlorobiphenyl	*88*		*10 - 174*	*10/21/24 09:59*	*10/21/24 22:19*	*1*

Method: SW846 6010D - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	**15**		1.3	0.28	mg/Kg	☼	10/17/24 15:00	10/18/24 23:07	1

Client: August Mack Environmental, Inc.
Project/Site: MSC Canfield

Job ID: 240-213135-1

Client Sample ID: SB-20-4.0-6.0
Date Collected: 10/15/24 13:00
Date Received: 10/15/24 16:11

Lab Sample ID: 240-213135-9
Matrix: Solid
Percent Solids: 91.0

Method: SW846 6010D - Metals (ICP) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Barium	37		18	0.11	mg/Kg	☼	10/17/24 15:00	10/18/24 23:07	1
Cadmium	0.059	J	0.44	0.042	mg/Kg	☼	10/17/24 15:00	10/18/24 23:07	1
Chromium	13		0.88	0.30	mg/Kg	☼	10/17/24 15:00	10/18/24 23:07	1
Copper	20		2.2	0.62	mg/Kg	☼	10/17/24 15:00	10/18/24 23:07	1
Lead	9.9		0.88	0.25	mg/Kg	☼	10/17/24 15:00	10/18/24 23:07	1
Selenium	ND		1.8	0.41	mg/Kg	☼	10/17/24 15:00	10/18/24 23:07	1
Silver	ND	L	0.88	0.071	mg/Kg	☼	10/17/24 15:00	10/18/24 23:07	1
Zinc	60		4.4	3.2	mg/Kg	☼	10/17/24 15:00	10/18/24 23:07	1

Method: SW846 7471B - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.031	J	0.11	0.020	mg/Kg	☼	10/17/24 15:00	10/18/24 10:44	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cr (VI) (SW846 7196A)	ND		0.47	0.16	mg/Kg	☼	10/26/24 02:33	10/27/24 07:02	1
Cyanide, Total (SW846 9012B)	ND		0.51	0.40	mg/Kg	☼	10/22/24 13:55	10/22/24 17:28	1

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Solids (EPA Moisture)	91.0		0.1	0.1	%			10/16/24 17:36	1
Percent Moisture (EPA Moisture)	9.0		0.1	0.1	%			10/16/24 17:36	1

General Chemistry - ASTM Leach

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cyanide, Free (OI CORP OIA-1677)	ND		0.0060	0.0050	mg/L			10/23/24 17:56	1

Client: August Mack Environmental, Inc.
Project/Site: MSC Canfield

Job ID: 240-213135-1

Client Sample ID: SB-20-14.0-16.0
Date Collected: 10/15/24 13:20
Date Received: 10/15/24 16:11

Lab Sample ID: 240-213135-10
Matrix: Solid
Percent Solids: 87.4

Method: SW846 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		5.7	2.0	ug/Kg	☼	10/21/24 10:32	10/21/24 16:13	1
1,1,2,2-Tetrachloroethane	ND		5.7	1.6	ug/Kg	☼	10/21/24 10:32	10/21/24 16:13	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		5.7	1.5	ug/Kg	☼	10/21/24 10:32	10/21/24 16:13	1
1,1,2-Trichloroethane	ND		5.7	1.3	ug/Kg	☼	10/21/24 10:32	10/21/24 16:13	1
1,1-Dichloroethane	ND		5.7	1.6	ug/Kg	☼	10/21/24 10:32	10/21/24 16:13	1
1,1-Dichloroethene	ND		5.7	2.1	ug/Kg	☼	10/21/24 10:32	10/21/24 16:13	1
1,2,4-Trichlorobenzene	ND		5.7	2.8	ug/Kg	☼	10/21/24 10:32	10/21/24 16:13	1
1,2-Dibromo-3-Chloropropane	ND		11	4.1	ug/Kg	☼	10/21/24 10:32	10/21/24 16:13	1
Ethylene Dibromide	ND		5.7	1.9	ug/Kg	☼	10/21/24 10:32	10/21/24 16:13	1
1,2-Dichlorobenzene	ND		5.7	1.3	ug/Kg	☼	10/21/24 10:32	10/21/24 16:13	1
1,2-Dichloroethane	ND		5.7	2.0	ug/Kg	☼	10/21/24 10:32	10/21/24 16:13	1
1,2-Dichloropropane	ND		5.7	0.97	ug/Kg	☼	10/21/24 10:32	10/21/24 16:13	1
1,3-Dichlorobenzene	ND		5.7	1.9	ug/Kg	☼	10/21/24 10:32	10/21/24 16:13	1
1,4-Dichlorobenzene	ND		5.7	1.0	ug/Kg	☼	10/21/24 10:32	10/21/24 16:13	1
2-Butanone (MEK)	ND		23	4.0	ug/Kg	☼	10/21/24 10:32	10/21/24 16:13	1
2-Hexanone	ND		23	4.6	ug/Kg	☼	10/21/24 10:32	10/21/24 16:13	1
4-Methyl-2-pentanone (MIBK)	ND		23	4.2	ug/Kg	☼	10/21/24 10:32	10/21/24 16:13	1
Acetone	ND		28	24	ug/Kg	☼	10/21/24 10:32	10/21/24 16:13	1
Benzene	ND		5.7	1.7	ug/Kg	☼	10/21/24 10:32	10/21/24 16:13	1
Dichlorobromomethane	ND		5.7	1.7	ug/Kg	☼	10/21/24 10:32	10/21/24 16:13	1
Bromoform	ND		5.7	2.7	ug/Kg	☼	10/21/24 10:32	10/21/24 16:13	1
Bromomethane	ND		5.7	4.7	ug/Kg	☼	10/21/24 10:32	10/21/24 16:13	1
Carbon disulfide	ND		5.7	1.3	ug/Kg	☼	10/21/24 10:32	10/21/24 16:13	1
Carbon tetrachloride	ND		5.7	3.7	ug/Kg	☼	10/21/24 10:32	10/21/24 16:13	1
Chlorobenzene	ND		5.7	1.0	ug/Kg	☼	10/21/24 10:32	10/21/24 16:13	1
Chloroethane	ND		5.7	3.1	ug/Kg	☼	10/21/24 10:32	10/21/24 16:13	1
Chloroform	ND		5.7	2.0	ug/Kg	☼	10/21/24 10:32	10/21/24 16:13	1
Chloromethane	ND		5.7	2.6	ug/Kg	☼	10/21/24 10:32	10/21/24 16:13	1
cis-1,2-Dichloroethene	ND		5.7	1.7	ug/Kg	☼	10/21/24 10:32	10/21/24 16:13	1
cis-1,3-Dichloropropene	ND		5.7	3.3	ug/Kg	☼	10/21/24 10:32	10/21/24 16:13	1
Cyclohexane	ND		11	1.6	ug/Kg	☼	10/21/24 10:32	10/21/24 16:13	1
Chlorodibromomethane	ND		5.7	3.2	ug/Kg	☼	10/21/24 10:32	10/21/24 16:13	1
Dichlorodifluoromethane	ND		5.7	2.6	ug/Kg	☼	10/21/24 10:32	10/21/24 16:13	1
Ethylbenzene	ND		5.7	1.2	ug/Kg	☼	10/21/24 10:32	10/21/24 16:13	1
Isopropylbenzene	ND		5.7	2.2	ug/Kg	☼	10/21/24 10:32	10/21/24 16:13	1
Methyl acetate	ND		28	3.9	ug/Kg	☼	10/21/24 10:32	10/21/24 16:13	1
Methyl tert-butyl ether	ND		5.7	2.2	ug/Kg	☼	10/21/24 10:32	10/21/24 16:13	1
Methylcyclohexane	ND		11	1.4	ug/Kg	☼	10/21/24 10:32	10/21/24 16:13	1
Methylene Chloride	ND		28	14	ug/Kg	☼	10/21/24 10:32	10/21/24 16:13	1
Styrene	ND		5.7	1.3	ug/Kg	☼	10/21/24 10:32	10/21/24 16:13	1
Tetrachloroethene	ND		5.7	2.2	ug/Kg	☼	10/21/24 10:32	10/21/24 16:13	1
Toluene	ND		5.7	0.88	ug/Kg	☼	10/21/24 10:32	10/21/24 16:13	1
trans-1,2-Dichloroethene	ND		5.7	1.6	ug/Kg	☼	10/21/24 10:32	10/21/24 16:13	1
trans-1,3-Dichloropropene	ND		5.7	2.1	ug/Kg	☼	10/21/24 10:32	10/21/24 16:13	1
Trichloroethene	ND		5.7	1.6	ug/Kg	☼	10/21/24 10:32	10/21/24 16:13	1
Trichlorofluoromethane	ND		5.7	3.1	ug/Kg	☼	10/21/24 10:32	10/21/24 16:13	1
Vinyl chloride	ND		5.7	2.0	ug/Kg	☼	10/21/24 10:32	10/21/24 16:13	1
Xylenes, Total	ND		11	1.8	ug/Kg	☼	10/21/24 10:32	10/21/24 16:13	1

Client: August Mack Environmental, Inc.
Project/Site: MSC Canfield

Job ID: 240-213135-1

Client Sample ID: SB-20-14.0-16.0
Date Collected: 10/15/24 13:20
Date Received: 10/15/24 16:11

Lab Sample ID: 240-213135-10
Matrix: Solid
Percent Solids: 87.4

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Toluene-d8 (Surr)	*98*		*56 - 125*	*10/21/24 10:32*	*10/21/24 16:13*	*1*
Dibromofluoromethane (Surr)	*98*		*41 - 138*	*10/21/24 10:32*	*10/21/24 16:13*	*1*
4-Bromofluorobenzene (Surr)	*89*		*41 - 143*	*10/21/24 10:32*	*10/21/24 16:13*	*1*
1,2-Dichloroethane-d4 (Surr)	*95*		*58 - 125*	*10/21/24 10:32*	*10/21/24 16:13*	*1*

Method: SW846 8270E - Semivolatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1'-Biphenyl	ND		110	32	ug/Kg	☼	10/18/24 08:17	10/22/24 12:51	1
bis (2-chloroisopropyl) ether	ND		110	29	ug/Kg	☼	10/18/24 08:17	10/22/24 12:51	1
2,4,5-Trichlorophenol	ND		170	37	ug/Kg	☼	10/18/24 08:17	10/22/24 12:51	1
2,4,6-Trichlorophenol	ND		170	33	ug/Kg	☼	10/18/24 08:17	10/22/24 12:51	1
2,4-Dichlorophenol	ND		170	31	ug/Kg	☼	10/18/24 08:17	10/22/24 12:51	1
2,4-Dimethylphenol	ND		170	41	ug/Kg	☼	10/18/24 08:17	10/22/24 12:51	1
2,4-Dinitrophenol	ND		370	190	ug/Kg	☼	10/18/24 08:17	10/22/24 12:51	1
2,4-Dinitrotoluene	ND		230	26	ug/Kg	☼	10/18/24 08:17	10/22/24 12:51	1
2,6-Dinitrotoluene	ND		230	41	ug/Kg	☼	10/18/24 08:17	10/22/24 12:51	1
2-Chloronaphthalene	ND		110	32	ug/Kg	☼	10/18/24 08:17	10/22/24 12:51	1
2-Chlorophenol	ND		110	29	ug/Kg	☼	10/18/24 08:17	10/22/24 12:51	1
2-Methylnaphthalene	ND		45	15	ug/Kg	☼	10/18/24 08:17	10/22/24 12:51	1
2-Methylphenol	ND		230	46	ug/Kg	☼	10/18/24 08:17	10/22/24 12:51	1
2-Nitroaniline	ND		230	43	ug/Kg	☼	10/18/24 08:17	10/22/24 12:51	1
2-Nitrophenol	ND		110	40	ug/Kg	☼	10/18/24 08:17	10/22/24 12:51	1
3,3'-Dichlorobenzidine	ND		170	110	ug/Kg	☼	10/18/24 08:17	10/22/24 12:51	1
3-Nitroaniline	ND		230	40	ug/Kg	☼	10/18/24 08:17	10/22/24 12:51	1
4,6-Dinitro-2-methylphenol	ND		370	120	ug/Kg	☼	10/18/24 08:17	10/22/24 12:51	1
4-Bromophenyl phenyl ether	ND		110	36	ug/Kg	☼	10/18/24 08:17	10/22/24 12:51	1
4-Chloro-3-methylphenol	ND		170	43	ug/Kg	☼	10/18/24 08:17	10/22/24 12:51	1
4-Chloroaniline	ND		170	18	ug/Kg	☼	10/18/24 08:17	10/22/24 12:51	1
4-Chlorophenyl phenyl ether	ND		110	32	ug/Kg	☼	10/18/24 08:17	10/22/24 12:51	1
4-Nitroaniline	ND		230	29	ug/Kg	☼	10/18/24 08:17	10/22/24 12:51	1
4-Nitrophenol	ND		370	100	ug/Kg	☼	10/18/24 08:17	10/22/24 12:51	1
Acenaphthene	ND		45	16	ug/Kg	☼	10/18/24 08:17	10/22/24 12:51	1
Acenaphthylene	ND		45	17	ug/Kg	☼	10/18/24 08:17	10/22/24 12:51	1
Acetophenone	ND		110	28	ug/Kg	☼	10/18/24 08:17	10/22/24 12:51	1
Anthracene	ND		45	14	ug/Kg	☼	10/18/24 08:17	10/22/24 12:51	1
Atrazine	ND		370	78	ug/Kg	☼	10/18/24 08:17	10/22/24 12:51	1
Benzaldehyde	ND		370	63	ug/Kg	☼	10/18/24 08:17	10/22/24 12:51	1
Benzo[a]anthracene	ND		45	17	ug/Kg	☼	10/18/24 08:17	10/22/24 12:51	1
Benzo[a]pyrene	ND		45	16	ug/Kg	☼	10/18/24 08:17	10/22/24 12:51	1
Benzo[b]fluoranthene	ND		45	14	ug/Kg	☼	10/18/24 08:17	10/22/24 12:51	1
Benzo[g,h,i]perylene	ND		45	31	ug/Kg	☼	10/18/24 08:17	10/22/24 12:51	1
Benzo[k]fluoranthene	ND		45	11	ug/Kg	☼	10/18/24 08:17	10/22/24 12:51	1
Bis(2-chloroethoxy)methane	ND		110	23	ug/Kg	☼	10/18/24 08:17	10/22/24 12:51	1
Bis(2-chloroethyl)ether	ND		110	25	ug/Kg	☼	10/18/24 08:17	10/22/24 12:51	1
Bis(2-ethylhexyl) phthalate	ND		170	63	ug/Kg	☼	10/18/24 08:17	10/22/24 12:51	1
Butyl benzyl phthalate	ND		170	58	ug/Kg	☼	10/18/24 08:17	10/22/24 12:51	1
Caprolactam	ND		370	78	ug/Kg	☼	10/18/24 08:17	10/22/24 12:51	1
Carbazole	ND		110	31	ug/Kg	☼	10/18/24 08:17	10/22/24 12:51	1
Chrysene	ND		45	16	ug/Kg	☼	10/18/24 08:17	10/22/24 12:51	1
Dibenz(a,h)anthracene	ND		45	17	ug/Kg	☼	10/18/24 08:17	10/22/24 12:51	1

Client Sample ID: SB-20-14.0-16.0
Date Collected: 10/15/24 13:20
Date Received: 10/15/24 16:11

Lab Sample ID: 240-213135-10
Matrix: Solid
Percent Solids: 87.4

Method: SW846 8270E - Semivolatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Dibenzofuran	ND		110	33	ug/Kg	☼	10/18/24 08:17	10/22/24 12:51	1
Diethyl phthalate	ND		170	49	ug/Kg	☼	10/18/24 08:17	10/22/24 12:51	1
Dimethyl phthalate	ND		170	45	ug/Kg	☼	10/18/24 08:17	10/22/24 12:51	1
Di-n-butyl phthalate	ND		170	58	ug/Kg	☼	10/18/24 08:17	10/22/24 12:51	1
Di-n-octyl phthalate	ND		170	57	ug/Kg	☼	10/18/24 08:17	10/22/24 12:51	1
Fluoranthene	ND		45	16	ug/Kg	☼	10/18/24 08:17	10/22/24 12:51	1
Fluorene	ND		45	16	ug/Kg	☼	10/18/24 08:17	10/22/24 12:51	1
Hexachlorobenzene	ND		45	16	ug/Kg	☼	10/18/24 08:17	10/22/24 12:51	1
Hexachlorobutadiene	ND		110	24	ug/Kg	☼	10/18/24 08:17	10/22/24 12:51	1
Hexachlorocyclopentadiene	ND		370	44	ug/Kg	☼	10/18/24 08:17	10/22/24 12:51	1
Hexachloroethane	ND		110	36	ug/Kg	☼	10/18/24 08:17	10/22/24 12:51	1
Indeno[1,2,3-cd]pyrene	ND		45	14	ug/Kg	☼	10/18/24 08:17	10/22/24 12:51	1
Isophorone	ND		110	29	ug/Kg	☼	10/18/24 08:17	10/22/24 12:51	1
N-Nitrosodi-n-propylamine	ND		110	42	ug/Kg	☼	10/18/24 08:17	10/22/24 12:51	1
N-Nitrosodiphenylamine	ND		110	31	ug/Kg	☼	10/18/24 08:17	10/22/24 12:51	1
Naphthalene	ND		45	15	ug/Kg	☼	10/18/24 08:17	10/22/24 12:51	1
Nitrobenzene	ND		110	25	ug/Kg	☼	10/18/24 08:17	10/22/24 12:51	1
Pentachlorophenol	ND		310	120	ug/Kg	☼	10/18/24 08:17	10/22/24 12:51	1
Phenanthrene	ND		45	15	ug/Kg	☼	10/18/24 08:17	10/22/24 12:51	1
Phenol	ND		110	43	ug/Kg	☼	10/18/24 08:17	10/22/24 12:51	1
Pyrene	ND		45	18	ug/Kg	☼	10/18/24 08:17	10/22/24 12:51	1
3 & 4 Methylphenol	ND		450	46	ug/Kg	☼	10/18/24 08:17	10/22/24 12:51	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Terphenyl-d14 (Surr)	*81*		*37 - 120*	*10/18/24 08:17*	*10/22/24 12:51*	*1*
Phenol-d5 (Surr)	*70*		*29 - 120*	*10/18/24 08:17*	*10/22/24 12:51*	*1*
Nitrobenzene-d5 (Surr)	*60*		*28 - 120*	*10/18/24 08:17*	*10/22/24 12:51*	*1*
2-Fluorophenol (Surr)	*69*		*26 - 120*	*10/18/24 08:17*	*10/22/24 12:51*	*1*
2-Fluorobiphenyl (Surr)	*68*		*36 - 120*	*10/18/24 08:17*	*10/22/24 12:51*	*1*
2,4,6-Tribromophenol (Surr)	*47*		*10 - 120*	*10/18/24 08:17*	*10/22/24 12:51*	*1*

Method: SW846 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aroclor-1016	ND		59	30	ug/Kg	☼	10/21/24 09:59	10/21/24 22:35	1
Aroclor-1221	ND		59	36	ug/Kg	☼	10/21/24 09:59	10/21/24 22:35	1
Aroclor-1232	ND		59	25	ug/Kg	☼	10/21/24 09:59	10/21/24 22:35	1
Aroclor-1242	ND		59	23	ug/Kg	☼	10/21/24 09:59	10/21/24 22:35	1
Aroclor-1248	ND		59	20	ug/Kg	☼	10/21/24 09:59	10/21/24 22:35	1
Aroclor-1254	ND		59	25	ug/Kg	☼	10/21/24 09:59	10/21/24 22:35	1
Aroclor-1260	ND		59	25	ug/Kg	☼	10/21/24 09:59	10/21/24 22:35	1
Aroclor-1262	ND		59	26	ug/Kg	☼	10/21/24 09:59	10/21/24 22:35	1
Aroclor-1268	ND		59	19	ug/Kg	☼	10/21/24 09:59	10/21/24 22:35	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Tetrachloro-m-xylene	*52*		*10 - 149*	*10/21/24 09:59*	*10/21/24 22:35*	*1*
DCB Decachlorobiphenyl	*53*		*10 - 174*	*10/21/24 09:59*	*10/21/24 22:35*	*1*

Method: SW846 6010D - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	**12**		1.5	0.32	mg/Kg	☼	10/17/24 15:00	10/18/24 23:11	1

Client: August Mack Environmental, Inc.
Project/Site: MSC Canfield

Job ID: 240-213135-1

Client Sample ID: SB-20-14.0-16.0
Date Collected: 10/15/24 13:20
Date Received: 10/15/24 16:11

Lab Sample ID: 240-213135-10
Matrix: Solid
Percent Solids: 87.4

Method: SW846 6010D - Metals (ICP) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Barium	**57**		20	0.13	mg/Kg	☼	10/17/24 15:00	10/18/24 23:11	1
Cadmium	ND		0.51	0.049	mg/Kg	☼	10/17/24 15:00	10/18/24 23:11	1
Chromium	**8.7**		1.0	0.35	mg/Kg	☼	10/17/24 15:00	10/18/24 23:11	1
Copper	**16**		2.5	0.71	mg/Kg	☼	10/17/24 15:00	10/18/24 23:11	1
Lead	**8.6**		1.0	0.29	mg/Kg	☼	10/17/24 15:00	10/18/24 23:11	1
Selenium	ND		2.0	0.47	mg/Kg	☼	10/17/24 15:00	10/18/24 23:11	1
Silver	ND	L	1.0	0.082	mg/Kg	☼	10/17/24 15:00	10/18/24 23:11	1
Zinc	**58**		5.1	3.7	mg/Kg	☼	10/17/24 15:00	10/18/24 23:11	1

Method: SW846 7471B - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	**0.029**	**J**	0.11	0.020	mg/Kg	☼	10/17/24 15:00	10/18/24 10:46	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cr (VI) (SW846 7196A)	ND		0.47	0.16	mg/Kg	☼	10/26/24 02:33	10/27/24 07:02	1
Cyanide, Total (SW846 9012B)	ND		0.71	0.57	mg/Kg	☼	10/22/24 13:55	10/22/24 17:30	1

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Solids (EPA Moisture)	**87.4**		0.1	0.1	%			10/16/24 17:37	1
Percent Moisture (EPA Moisture)	**12.6**		0.1	0.1	%			10/16/24 17:37	1

General Chemistry - ASTM Leach

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cyanide, Free (OI CORP OIA-1677)	**0.0059**	**J**	0.0060	0.0050	mg/L			10/22/24 12:29	1

Surrogate Summary

Client: August Mack Environmental, Inc.
Project/Site: MSC Canfield

Job ID: 240-213135-1

Method: 8260D - Volatile Organic Compounds by GC/MS

Matrix: Solid — **Prep Type: Total/NA**

		Percent Surrogate Recovery (Acceptance Limits)			
		TOL	DBFM	BFB	DCA
Lab Sample ID	Client Sample ID	(56-125)	(41-138)	(41-143)	(58-125)
240-213135-1	SB-17-10.0-12.0	96	95	87	95
240-213135-2	SB-17-14.0-16.0	98	97	89	97
240-213135-3	SB-19-6.0-8.0	97	98	89	100
240-213135-4	SB-19-14.0-16.0	98	97	89	96
240-213135-5	SB-DUP-1.0	96	96	87	98
240-213135-7	SB-16-12.0-14.0	99	100	89	99
240-213135-8	SB-16-4.0-6.0	98	100	88	99
240-213135-9	SB-20-4.0-6.0	95	98	87	101
240-213135-10	SB-20-14.0-16.0	98	98	89	95
240-213135-10 MS	SB-20-14.0-16.0	100	99	92	95
240-213135-10 MSD	SB-20-14.0-16.0	98	97	91	93
LCS 240-631586/5	Lab Control Sample	97	97	90	92
MB 240-631586/7	Method Blank	96	96	86	93

Surrogate Legend

TOL = Toluene-d8 (Surr)
DBFM = Dibromofluoromethane (Surr)
BFB = 4-Bromofluorobenzene (Surr)
DCA = 1,2-Dichloroethane-d4 (Surr)

Method: 8260D - Volatile Organic Compounds by GC/MS

Matrix: Water — **Prep Type: Total/NA**

		Percent Surrogate Recovery (Acceptance Limits)			
		TOL	DBFM	BFB	DCA
Lab Sample ID	Client Sample ID	(78-122)	(73-120)	(56-136)	(62-137)
240-213135-6	TB-2-20241014	102	99	101	100
LCS 240-632577/5	Lab Control Sample	98	97	101	98
MB 240-632577/12	Method Blank	100	94	99	95

Surrogate Legend

TOL = Toluene-d8 (Surr)
DBFM = Dibromofluoromethane (Surr)
BFB = 4-Bromofluorobenzene (Surr)
DCA = 1,2-Dichloroethane-d4 (Surr)

Method: 8270E - Semivolatile Organic Compounds (GC/MS)

Matrix: Solid — **Prep Type: Total/NA**

		Percent Surrogate Recovery (Acceptance Limits)					
		TPHL	PHL	NBZ	2FP	FBP	TBP
Lab Sample ID	Client Sample ID	(37-120)	(29-120)	(28-120)	(26-120)	(36-120)	(10-120)
240-213135-1	SB-17-10.0-12.0	84	71	63	73	69	25
240-213135-2	SB-17-14.0-16.0	79	72	61	72	67	32
240-213135-3	SB-19-6.0-8.0	79	72	62	71	65	50
240-213135-4	SB-19-14.0-16.0	85	74	58	72	69	65
240-213135-5	SB-DUP-1.0	85	72	62	71	67	58
240-213135-7	SB-16-12.0-14.0	79	70	61	71	67	64
240-213135-8	SB-16-4.0-6.0	81	77	64	78	72	64
240-213135-9	SB-20-4.0-6.0	83	76	64	76	71	64
240-213135-10	SB-20-14.0-16.0	81	70	60	69	68	47

Method: 8270E - Semivolatile Organic Compounds (GC/MS) (Continued)

Matrix: Solid **Prep Type: Total/NA**

		Percent Surrogate Recovery (Acceptance Limits)					
		TPHL	PHL	NBZ	2FP	FBP	TBP
Lab Sample ID	Client Sample ID	(37-120)	(29-120)	(28-120)	(26-120)	(36-120)	(10-120)
LCS 240-631395/2-A	Lab Control Sample	92	89	91	90	86	94
MB 240-631395/1-A	Method Blank	98	95	86	96	91	82

Surrogate Legend

TPHL = Terphenyl-d14 (Surr)
PHL = Phenol-d5 (Surr)
NBZ = Nitrobenzene-d5 (Surr)
2FP = 2-Fluorophenol (Surr)
FBP = 2-Fluorobiphenyl (Surr)
TBP = 2,4,6-Tribromophenol (Surr)

Method: 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Matrix: Solid **Prep Type: Total/NA**

		Percent Surrogate Recovery (Acceptance Limits)	
		TCX2	DCBP2
Lab Sample ID	Client Sample ID	(10-149)	(10-174)
240-213135-1	SB-17-10.0-12.0	73	62
LCS 240-632072/2-A	Lab Control Sample	87	96
MB 240-632072/1-A	Method Blank	91	86

Surrogate Legend

TCX = Tetrachloro-m-xylene
DCBP = DCB Decachlorobiphenyl

Method: 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Matrix: Solid **Prep Type: Total/NA**

		Percent Surrogate Recovery (Acceptance Limits)	
		TCX1	DCBP1
Lab Sample ID	Client Sample ID	(10-149)	(10-174)
240-213135-2	SB-17-14.0-16.0	73	68
240-213135-3	SB-19-6.0-8.0	75	79
240-213135-4	SB-19-14.0-16.0	76	76
240-213135-5	SB-DUP-1.0	75	79
240-213135-7	SB-16-12.0-14.0	76	80
240-213135-8	SB-16-4.0-6.0	87	35
240-213135-9	SB-20-4.0-6.0	85	88
240-213135-10	SB-20-14.0-16.0	52	53
LCS 240-631672/2-A	Lab Control Sample	95	102
MB 240-631672/1-A	Method Blank	77	52

Surrogate Legend

TCX = Tetrachloro-m-xylene
DCBP = DCB Decachlorobiphenyl

Method: 8260D - Volatile Organic Compounds by GC/MS

Lab Sample ID: MB 240-631586/7
Matrix: Solid
Analysis Batch: 631586

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		5.0	1.8	ug/Kg			10/21/24 10:27	1
1,1,2,2-Tetrachloroethane	ND		5.0	1.4	ug/Kg			10/21/24 10:27	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		5.0	1.3	ug/Kg			10/21/24 10:27	1
1,1,2-Trichloroethane	ND		5.0	1.1	ug/Kg			10/21/24 10:27	1
1,1-Dichloroethane	ND		5.0	1.4	ug/Kg			10/21/24 10:27	1
1,1-Dichloroethene	ND		5.0	1.8	ug/Kg			10/21/24 10:27	1
1,2,4-Trichlorobenzene	ND		5.0	2.5	ug/Kg			10/21/24 10:27	1
1,2-Dibromo-3-Chloropropane	ND		10	3.6	ug/Kg			10/21/24 10:27	1
Ethylene Dibromide	ND		5.0	1.7	ug/Kg			10/21/24 10:27	1
1,2-Dichlorobenzene	ND		5.0	1.1	ug/Kg			10/21/24 10:27	1
1,2-Dichloroethane	ND		5.0	1.8	ug/Kg			10/21/24 10:27	1
1,2-Dichloropropane	ND		5.0	0.85	ug/Kg			10/21/24 10:27	1
1,3-Dichlorobenzene	ND		5.0	1.6	ug/Kg			10/21/24 10:27	1
1,4-Dichlorobenzene	ND		5.0	0.88	ug/Kg			10/21/24 10:27	1
2-Butanone (MEK)	ND		20	3.6	ug/Kg			10/21/24 10:27	1
2-Hexanone	ND		20	4.1	ug/Kg			10/21/24 10:27	1
4-Methyl-2-pentanone (MIBK)	ND		20	3.7	ug/Kg			10/21/24 10:27	1
Acetone	ND		25	21	ug/Kg			10/21/24 10:27	1
Benzene	ND		5.0	1.5	ug/Kg			10/21/24 10:27	1
Dichlorobromomethane	ND		5.0	1.5	ug/Kg			10/21/24 10:27	1
Bromoform	ND		5.0	2.4	ug/Kg			10/21/24 10:27	1
Bromomethane	ND		5.0	4.2	ug/Kg			10/21/24 10:27	1
Carbon disulfide	ND		5.0	1.2	ug/Kg			10/21/24 10:27	1
Carbon tetrachloride	ND		5.0	3.3	ug/Kg			10/21/24 10:27	1
Chlorobenzene	ND		5.0	0.92	ug/Kg			10/21/24 10:27	1
Chloroethane	ND		5.0	2.7	ug/Kg			10/21/24 10:27	1
Chloroform	ND		5.0	1.8	ug/Kg			10/21/24 10:27	1
Chloromethane	ND		5.0	2.3	ug/Kg			10/21/24 10:27	1
cis-1,2-Dichloroethene	ND		5.0	1.5	ug/Kg			10/21/24 10:27	1
cis-1,3-Dichloropropene	ND		5.0	2.9	ug/Kg			10/21/24 10:27	1
Cyclohexane	ND		10	1.4	ug/Kg			10/21/24 10:27	1
Chlorodibromomethane	ND		5.0	2.8	ug/Kg			10/21/24 10:27	1
Dichlorodifluoromethane	ND		5.0	2.3	ug/Kg			10/21/24 10:27	1
Ethylbenzene	ND		5.0	1.0	ug/Kg			10/21/24 10:27	1
Isopropylbenzene	ND		5.0	1.9	ug/Kg			10/21/24 10:27	1
Methyl acetate	ND		25	3.4	ug/Kg			10/21/24 10:27	1
Methyl tert-butyl ether	ND		5.0	2.0	ug/Kg			10/21/24 10:27	1
Methylcyclohexane	ND		10	1.2	ug/Kg			10/21/24 10:27	1
Methylene Chloride	ND		25	12	ug/Kg			10/21/24 10:27	1
Styrene	ND		5.0	1.2	ug/Kg			10/21/24 10:27	1
Tetrachloroethene	ND		5.0	1.9	ug/Kg			10/21/24 10:27	1
Toluene	ND		5.0	0.77	ug/Kg			10/21/24 10:27	1
trans-1,2-Dichloroethene	ND		5.0	1.4	ug/Kg			10/21/24 10:27	1
trans-1,3-Dichloropropene	ND		5.0	1.8	ug/Kg			10/21/24 10:27	1
Trichloroethene	ND		5.0	1.4	ug/Kg			10/21/24 10:27	1
Trichlorofluoromethane	ND		5.0	2.7	ug/Kg			10/21/24 10:27	1
Vinyl chloride	ND		5.0	1.8	ug/Kg			10/21/24 10:27	1
Xylenes, Total	ND		10	1.6	ug/Kg			10/21/24 10:27	1

Method: 8260D - Volatile Organic Compounds by GC/MS (Continued)

Lab Sample ID: MB 240-631586/7
Matrix: Solid
Analysis Batch: 631586

Client Sample ID: Method Blank
Prep Type: Total/NA

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
Toluene-d8 (Surr)	*96*		*56 - 125*		*10/21/24 10:27*	*1*
Dibromofluoromethane (Surr)	*96*		*41 - 138*		*10/21/24 10:27*	*1*
4-Bromofluorobenzene (Surr)	*86*		*41 - 143*		*10/21/24 10:27*	*1*
1,2-Dichloroethane-d4 (Surr)	*93*		*58 - 125*		*10/21/24 10:27*	*1*

Lab Sample ID: LCS 240-631586/5
Matrix: Solid
Analysis Batch: 631586

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
1,1,1-Trichloroethane	50.0	52.2		ug/Kg		104	74 - 136
1,1,2,2-Tetrachloroethane	50.0	45.5		ug/Kg		91	66 - 129
1,1,2-Trichloro-1,2,2-trifluoroethane	50.0	61.2		ug/Kg		122	64 - 148
1,1,2-Trichloroethane	50.0	46.3		ug/Kg		93	79 - 120
1,1-Dichloroethane	50.0	45.0		ug/Kg		90	74 - 121
1,1-Dichloroethene	50.0	56.2		ug/Kg		112	68 - 141
1,2,4-Trichlorobenzene	50.0	59.0		ug/Kg		118	58 - 132
1,2-Dibromo-3-Chloropropane	50.0	54.4		ug/Kg		109	52 - 133
Ethylene Dibromide	50.0	47.2		ug/Kg		94	80 - 121
1,2-Dichlorobenzene	50.0	52.6		ug/Kg		105	73 - 120
1,2-Dichloroethane	50.0	43.4		ug/Kg		87	71 - 123
1,2-Dichloropropane	50.0	44.3		ug/Kg		89	76 - 126
1,3-Dichlorobenzene	50.0	48.6		ug/Kg		97	73 - 120
1,4-Dichlorobenzene	50.0	48.1		ug/Kg		96	74 - 120
2-Butanone (MEK)	100	84.7		ug/Kg		85	63 - 142
2-Hexanone	100	75.8		ug/Kg		76	65 - 142
4-Methyl-2-pentanone (MIBK)	100	89.3		ug/Kg		89	62 - 142
Acetone	100	116		ug/Kg		116	58 - 160
Benzene	50.0	44.8		ug/Kg		90	76 - 121
Dichlorobromomethane	50.0	46.7		ug/Kg		93	71 - 138
Bromoform	50.0	50.2		ug/Kg		100	57 - 140
Bromomethane	50.0	60.3		ug/Kg		121	10 - 171
Carbon disulfide	50.0	54.9		ug/Kg		110	43 - 152
Carbon tetrachloride	50.0	50.8		ug/Kg		102	64 - 144
Chlorobenzene	50.0	47.4		ug/Kg		95	80 - 120
Chloroethane	50.0	54.9		ug/Kg		110	11 - 164
Chloroform	50.0	45.7		ug/Kg		91	78 - 120
Chloromethane	50.0	49.2		ug/Kg		98	41 - 142
cis-1,2-Dichloroethene	50.0	47.1		ug/Kg		94	78 - 124
cis-1,3-Dichloropropene	50.0	41.0		ug/Kg		82	70 - 133
Cyclohexane	50.0	50.0		ug/Kg		100	65 - 137
Chlorodibromomethane	50.0	49.1		ug/Kg		98	68 - 131
Dichlorodifluoromethane	50.0	42.8		ug/Kg		86	21 - 150
Ethylbenzene	50.0	46.6		ug/Kg		93	80 - 120
Isopropylbenzene	50.0	56.8		ug/Kg		114	80 - 130
Methyl acetate	100	82.5		ug/Kg		83	60 - 133
Methyl tert-butyl ether	50.0	45.4		ug/Kg		91	70 - 130
Methylcyclohexane	50.0	47.6		ug/Kg		95	70 - 138

Method: 8260D - Volatile Organic Compounds by GC/MS (Continued)

Lab Sample ID: LCS 240-631586/5
Matrix: Solid
Analysis Batch: 631586

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Methylene Chloride	50.0	54.9		ug/Kg		110	71 - 124
Styrene	50.0	47.2		ug/Kg		94	75 - 140
Tetrachloroethene	50.0	49.6		ug/Kg		99	76 - 127
Toluene	50.0	46.3		ug/Kg		93	80 - 120
trans-1,2-Dichloroethene	50.0	48.5		ug/Kg		97	76 - 130
trans-1,3-Dichloropropene	50.0	46.6		ug/Kg		93	61 - 121
Trichloroethene	50.0	48.7		ug/Kg		97	74 - 130
Trichlorofluoromethane	50.0	57.6		ug/Kg		115	50 - 154
Vinyl chloride	50.0	59.9		ug/Kg		120	49 - 146
Xylenes, Total	100	96.9		ug/Kg		97	80 - 122
m-Xylene & p-Xylene	50.0	47.1		ug/Kg		94	80 - 122
o-Xylene	50.0	49.8		ug/Kg		100	80 - 124

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
Toluene-d8 (Surr)	*97*		*56 - 125*
Dibromofluoromethane (Surr)	*97*		*41 - 138*
4-Bromofluorobenzene (Surr)	*90*		*41 - 143*
1,2-Dichloroethane-d4 (Surr)	*92*		*58 - 125*

Lab Sample ID: 240-213135-10 MS
Matrix: Solid
Analysis Batch: 631586

Client Sample ID: SB-20-14.0-16.0
Prep Type: Total/NA
Prep Batch: 631687

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
1,1,1-Trichloroethane	ND		52.3	38.9		ug/Kg	☼	75	46 - 144
1,1,2,2-Tetrachloroethane	ND		52.3	32.5		ug/Kg	☼	62	26 - 159
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		52.3	49.6		ug/Kg	☼	95	35 - 164
1,1,2-Trichloroethane	ND		52.3	35.3		ug/Kg	☼	67	26 - 149
1,1-Dichloroethane	ND		52.3	36.9		ug/Kg	☼	71	46 - 135
1,1-Dichloroethene	ND		52.3	43.0		ug/Kg	☼	82	44 - 160
1,2,4-Trichlorobenzene	ND		52.3	15.3		ug/Kg	☼	29	10 - 120
1,2-Dibromo-3-Chloropropane	ND		52.3	25.3		ug/Kg	☼	48	12 - 144
Ethylene Dibromide	ND		52.3	28.7		ug/Kg	☼	55	31 - 142
1,2-Dichlorobenzene	ND		52.3	23.3		ug/Kg	☼	45	10 - 126
1,2-Dichloroethane	ND		52.3	32.9		ug/Kg	☼	63	40 - 132
1,2-Dichloropropane	ND		52.3	33.2		ug/Kg	☼	64	45 - 133
1,3-Dichlorobenzene	ND		52.3	21.5		ug/Kg	☼	41	10 - 131
1,4-Dichlorobenzene	ND		52.3	20.8		ug/Kg	☼	40	10 - 129
2-Butanone (MEK)	ND		105	79.2		ug/Kg	☼	76	30 - 157
2-Hexanone	ND		105	58.0		ug/Kg	☼	55	20 - 166
4-Methyl-2-pentanone (MIBK)	ND		105	77.4		ug/Kg	☼	74	31 - 159
Acetone	ND		105	105		ug/Kg	☼	100	35 - 167
Benzene	ND		52.3	33.5		ug/Kg	☼	64	39 - 134
Dichlorobromomethane	ND		52.3	31.8		ug/Kg	☼	61	32 - 146
Bromoform	ND		52.3	26.5		ug/Kg	☼	51	12 - 144
Bromomethane	ND		52.3	48.7		ug/Kg	☼	93	10 - 161
Carbon disulfide	ND		52.3	36.0		ug/Kg	☼	69	24 - 153
Carbon tetrachloride	ND		52.3	34.4		ug/Kg	☼	66	37 - 145

Method: 8260D - Volatile Organic Compounds by GC/MS (Continued)

Lab Sample ID: 240-213135-10 MS
Matrix: Solid
Analysis Batch: 631586

Client Sample ID: SB-20-14.0-16.0
Prep Type: Total/NA
Prep Batch: 631687

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Chlorobenzene	ND		52.3	27.4		ug/Kg	☼	52	18 - 134
Chloroethane	ND		52.3	44.0		ug/Kg	☼	84	14 - 159
Chloroform	ND		52.3	35.9		ug/Kg	☼	69	43 - 134
Chloromethane	ND		52.3	41.8		ug/Kg	☼	80	32 - 151
cis-1,2-Dichloroethene	ND		52.3	34.4		ug/Kg	☼	66	48 - 132
cis-1,3-Dichloropropene	ND		52.3	23.9		ug/Kg	☼	46	23 - 139
Cyclohexane	ND		52.3	36.0		ug/Kg	☼	69	31 - 147
Chlorodibromomethane	ND		52.3	29.9		ug/Kg	☼	57	25 - 143
Dichlorodifluoromethane	ND		52.3	34.8		ug/Kg	☼	67	16 - 157
Ethylbenzene	ND		52.3	28.5		ug/Kg	☼	54	17 - 137
Isopropylbenzene	ND		52.3	34.8		ug/Kg	☼	67	10 - 146
Methyl acetate	ND		105	77.2		ug/Kg	☼	74	13 - 164
Methyl tert-butyl ether	ND		52.3	42.1		ug/Kg	☼	81	55 - 134
Methylcyclohexane	ND		52.3	31.7		ug/Kg	☼	61	20 - 153
Methylene Chloride	ND		52.3	43.8		ug/Kg	☼	84	38 - 145
Styrene	ND		52.3	25.0		ug/Kg	☼	48	10 - 149
Tetrachloroethene	ND		52.3	32.0		ug/Kg	☼	61	19 - 147
Toluene	ND		52.3	31.5		ug/Kg	☼	60	30 - 137
trans-1,2-Dichloroethene	ND		52.3	34.9		ug/Kg	☼	67	41 - 145
trans-1,3-Dichloropropene	ND		52.3	24.0		ug/Kg	☼	46	19 - 130
Trichloroethene	ND		52.3	30.6		ug/Kg	☼	58	21 - 158
Trichlorofluoromethane	ND		52.3	43.7		ug/Kg	☼	84	36 - 161
Vinyl chloride	ND		52.3	47.0		ug/Kg	☼	90	32 - 163
Xylenes, Total	ND		105	58.7		ug/Kg	☼	56	17 - 138
m-Xylene & p-Xylene	ND		52.3	27.5		ug/Kg	☼	53	10 - 141
o-Xylene	ND		52.3	31.2		ug/Kg	☼	60	18 - 139

Surrogate	*MS %Recovery*	*MS Qualifier*	*Limits*
Toluene-d8 (Surr)	*100*		*56 - 125*
Dibromofluoromethane (Surr)	*99*		*41 - 138*
4-Bromofluorobenzene (Surr)	*92*		*41 - 143*
1,2-Dichloroethane-d4 (Surr)	*95*		*58 - 125*

Lab Sample ID: 240-213135-10 MSD
Matrix: Solid
Analysis Batch: 631586

Client Sample ID: SB-20-14.0-16.0
Prep Type: Total/NA
Prep Batch: 631687

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
1,1,1-Trichloroethane	ND		53.5	38.0		ug/Kg	☼	71	46 - 144	3	37
1,1,2,2-Tetrachloroethane	ND		53.5	32.8		ug/Kg	☼	61	26 - 159	1	40
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		53.5	47.4		ug/Kg	☼	88	35 - 164	5	37
1,1,2-Trichloroethane	ND		53.5	33.9		ug/Kg	☼	63	26 - 149	4	40
1,1-Dichloroethane	ND		53.5	35.3		ug/Kg	☼	66	46 - 135	4	36
1,1-Dichloroethene	ND		53.5	41.0		ug/Kg	☼	77	44 - 160	5	37
1,2,4-Trichlorobenzene	ND		53.5	18.0		ug/Kg	☼	34	10 - 120	16	40
1,2-Dibromo-3-Chloropropane	ND		53.5	28.6		ug/Kg	☼	53	12 - 144	12	40
Ethylene Dibromide	ND		53.5	29.3		ug/Kg	☼	55	31 - 142	2	40
1,2-Dichlorobenzene	ND		53.5	25.1		ug/Kg	☼	47	10 - 126	8	40

Method: 8260D - Volatile Organic Compounds by GC/MS (Continued)

Lab Sample ID: 240-213135-10 MSD
Matrix: Solid
Analysis Batch: 631586

Client Sample ID: SB-20-14.0-16.0
Prep Type: Total/NA
Prep Batch: 631687

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
1,2-Dichloroethane	ND		53.5	32.5		ug/Kg	☼	61	40 - 132	1	35
1,2-Dichloropropane	ND		53.5	32.7		ug/Kg	☼	61	45 - 133	2	37
1,3-Dichlorobenzene	ND		53.5	23.0		ug/Kg	☼	43	10 - 131	7	40
1,4-Dichlorobenzene	ND		53.5	22.3		ug/Kg	☼	42	10 - 129	7	40
2-Butanone (MEK)	ND		107	76.6		ug/Kg	☼	72	30 - 157	3	40
2-Hexanone	ND		107	58.0		ug/Kg	☼	54	20 - 166	0	40
4-Methyl-2-pentanone (MIBK)	ND		107	76.3		ug/Kg	☼	71	31 - 159	2	40
Acetone	ND		107	93.2		ug/Kg	☼	87	35 - 167	12	40
Benzene	ND		53.5	32.2		ug/Kg	☼	60	39 - 134	4	40
Dichlorobromomethane	ND		53.5	31.6		ug/Kg	☼	59	32 - 146	1	39
Bromoform	ND		53.5	27.5		ug/Kg	☼	51	12 - 144	4	40
Bromomethane	ND		53.5	51.2		ug/Kg	☼	96	10 - 161	5	40
Carbon disulfide	ND		53.5	34.8		ug/Kg	☼	65	24 - 153	3	40
Carbon tetrachloride	ND		53.5	33.2		ug/Kg	☼	62	37 - 145	4	38
Chlorobenzene	ND		53.5	27.2		ug/Kg	☼	51	18 - 134	1	40
Chloroethane	ND		53.5	43.8		ug/Kg	☼	82	14 - 159	0	40
Chloroform	ND		53.5	34.5		ug/Kg	☼	64	43 - 134	4	36
Chloromethane	ND		53.5	42.2		ug/Kg	☼	79	32 - 151	1	38
cis-1,2-Dichloroethene	ND		53.5	33.4		ug/Kg	☼	62	48 - 132	3	37
cis-1,3-Dichloropropene	ND		53.5	23.5		ug/Kg	☼	44	23 - 139	2	39
Cyclohexane	ND		53.5	34.6		ug/Kg	☼	65	31 - 147	4	39
Chlorodibromomethane	ND		53.5	30.2		ug/Kg	☼	56	25 - 143	1	40
Dichlorodifluoromethane	ND		53.5	34.2		ug/Kg	☼	64	16 - 157	2	40
Ethylbenzene	ND		53.5	27.2		ug/Kg	☼	51	17 - 137	5	40
Isopropylbenzene	ND		53.5	33.1		ug/Kg	☼	62	10 - 146	5	40
Methyl acetate	ND		107	76.0		ug/Kg	☼	71	13 - 164	1	40
Methyl tert-butyl ether	ND		53.5	41.5		ug/Kg	☼	77	55 - 134	2	37
Methylcyclohexane	ND		53.5	30.6		ug/Kg	☼	57	20 - 153	4	40
Methylene Chloride	ND		53.5	43.0		ug/Kg	☼	80	38 - 145	2	40
Styrene	ND		53.5	24.9		ug/Kg	☼	46	10 - 149	1	40
Tetrachloroethene	ND		53.5	30.2		ug/Kg	☼	56	19 - 147	6	40
Toluene	ND		53.5	29.9		ug/Kg	☼	56	30 - 137	5	40
trans-1,2-Dichloroethene	ND		53.5	33.0		ug/Kg	☼	62	41 - 145	6	37
trans-1,3-Dichloropropene	ND		53.5	25.3		ug/Kg	☼	47	19 - 130	6	40
Trichloroethene	ND		53.5	29.3		ug/Kg	☼	55	21 - 158	4	40
Trichlorofluoromethane	ND		53.5	42.4		ug/Kg	☼	79	36 - 161	3	40
Vinyl chloride	ND		53.5	46.5		ug/Kg	☼	87	32 - 163	1	38
Xylenes, Total	ND		107	57.0		ug/Kg	☼	53	17 - 138	3	40
m-Xylene & p-Xylene	ND		53.5	26.6		ug/Kg	☼	50	10 - 141	3	40
o-Xylene	ND		53.5	30.4		ug/Kg	☼	57	18 - 139	3	40

Surrogate	*MSD %Recovery*	*MSD Qualifier*	*Limits*
Toluene-d8 (Surr)	*98*		*56 - 125*
Dibromofluoromethane (Surr)	*97*		*41 - 138*
4-Bromofluorobenzene (Surr)	*91*		*41 - 143*
1,2-Dichloroethane-d4 (Surr)	*93*		*58 - 125*

Method: 8260D - Volatile Organic Compounds by GC/MS (Continued)

Lab Sample ID: MB 240-632577/12
Matrix: Water
Analysis Batch: 632577

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		1.0	0.48	ug/L			10/26/24 13:24	1
1,1,2,2-Tetrachloroethane	ND		1.0	0.60	ug/L			10/26/24 13:24	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		1.0	0.41	ug/L			10/26/24 13:24	1
1,1,2-Trichloroethane	ND		1.0	0.48	ug/L			10/26/24 13:24	1
1,1-Dichloroethane	ND		1.0	0.47	ug/L			10/26/24 13:24	1
1,1-Dichloroethene	ND		1.0	0.49	ug/L			10/26/24 13:24	1
1,2,4-Trichlorobenzene	ND		1.0	0.77	ug/L			10/26/24 13:24	1
1,2-Dibromo-3-Chloropropane	ND		2.0	0.91	ug/L			10/26/24 13:24	1
Ethylene Dibromide	ND		1.0	0.41	ug/L			10/26/24 13:24	1
1,2-Dichlorobenzene	ND		1.0	0.48	ug/L			10/26/24 13:24	1
1,2-Dichloroethane	ND		1.0	0.46	ug/L			10/26/24 13:24	1
1,2-Dichloropropane	ND		1.0	0.47	ug/L			10/26/24 13:24	1
1,3-Dichlorobenzene	ND		1.0	0.45	ug/L			10/26/24 13:24	1
1,4-Dichlorobenzene	ND		1.0	0.41	ug/L			10/26/24 13:24	1
2-Butanone (MEK)	ND		10	1.2	ug/L			10/26/24 13:24	1
2-Hexanone	ND		10	1.1	ug/L			10/26/24 13:24	1
4-Methyl-2-pentanone (MIBK)	ND		10	0.99	ug/L			10/26/24 13:24	1
Acetone	ND		10	5.4	ug/L			10/26/24 13:24	1
Benzene	ND		1.0	0.42	ug/L			10/26/24 13:24	1
Dichlorobromomethane	ND		1.0	0.38	ug/L			10/26/24 13:24	1
Bromoform	ND		1.0	0.76	ug/L			10/26/24 13:24	1
Bromomethane	ND		1.0	0.42	ug/L			10/26/24 13:24	1
Carbon disulfide	ND		1.0	0.59	ug/L			10/26/24 13:24	1
Carbon tetrachloride	ND		1.0	0.26	ug/L			10/26/24 13:24	1
Chlorobenzene	ND		1.0	0.38	ug/L			10/26/24 13:24	1
Chloroethane	ND		1.0	0.83	ug/L			10/26/24 13:24	1
Chloroform	ND		1.0	0.47	ug/L			10/26/24 13:24	1
Chloromethane	ND		1.0	0.63	ug/L			10/26/24 13:24	1
cis-1,2-Dichloroethene	ND		1.0	0.46	ug/L			10/26/24 13:24	1
cis-1,3-Dichloropropene	ND		1.0	0.61	ug/L			10/26/24 13:24	1
Cyclohexane	ND		1.0	0.48	ug/L			10/26/24 13:24	1
Chlorodibromomethane	ND		1.0	0.39	ug/L			10/26/24 13:24	1
Dichlorodifluoromethane	ND		1.0	0.35	ug/L			10/26/24 13:24	1
Ethylbenzene	ND		1.0	0.42	ug/L			10/26/24 13:24	1
Isopropylbenzene	ND		1.0	0.49	ug/L			10/26/24 13:24	1
Methyl acetate	ND		10	1.7	ug/L			10/26/24 13:24	1
Methyl tert-butyl ether	ND		1.0	0.47	ug/L			10/26/24 13:24	1
Methylcyclohexane	ND		1.0	0.33	ug/L			10/26/24 13:24	1
Methylene Chloride	ND		5.0	2.6	ug/L			10/26/24 13:24	1
Styrene	ND		1.0	0.45	ug/L			10/26/24 13:24	1
Tetrachloroethene	ND		1.0	0.44	ug/L			10/26/24 13:24	1
Toluene	ND		1.0	0.44	ug/L			10/26/24 13:24	1
trans-1,2-Dichloroethene	ND		1.0	0.51	ug/L			10/26/24 13:24	1
trans-1,3-Dichloropropene	ND		1.0	0.67	ug/L			10/26/24 13:24	1
Trichloroethene	ND		1.0	0.44	ug/L			10/26/24 13:24	1
Trichlorofluoromethane	ND		1.0	0.45	ug/L			10/26/24 13:24	1
Vinyl chloride	ND		1.0	0.45	ug/L			10/26/24 13:24	1
Xylenes, Total	ND		2.0	0.42	ug/L			10/26/24 13:24	1

Method: 8260D - Volatile Organic Compounds by GC/MS (Continued)

Lab Sample ID: MB 240-632577/12
Matrix: Water
Analysis Batch: 632577

Client Sample ID: Method Blank
Prep Type: Total/NA

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
Toluene-d8 (Surr)	*100*		*78 - 122*		*10/26/24 13:24*	*1*
Dibromofluoromethane (Surr)	*94*		*73 - 120*		*10/26/24 13:24*	*1*
4-Bromofluorobenzene (Surr)	*99*		*56 - 136*		*10/26/24 13:24*	*1*
1,2-Dichloroethane-d4 (Surr)	*95*		*62 - 137*		*10/26/24 13:24*	*1*

Lab Sample ID: LCS 240-632577/5
Matrix: Water
Analysis Batch: 632577

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
1,1,1-Trichloroethane	50.0	43.8		ug/L		88	64 - 131
1,1,2,2-Tetrachloroethane	50.0	46.6		ug/L		93	58 - 157
1,1,2-Trichloro-1,2,2-trifluoroethane	50.0	39.7		ug/L		79	51 - 146
1,1,2-Trichloroethane	50.0	43.6		ug/L		87	70 - 138
1,1-Dichloroethane	50.0	41.9		ug/L		84	72 - 127
1,1-Dichloroethene	50.0	39.9		ug/L		80	63 - 134
1,2,4-Trichlorobenzene	50.0	43.4		ug/L		87	44 - 147
1,2-Dibromo-3-Chloropropane	50.0	49.9		ug/L		100	53 - 135
Ethylene Dibromide	50.0	45.7		ug/L		91	71 - 134
1,2-Dichlorobenzene	50.0	42.0		ug/L		84	78 - 120
1,2-Dichloroethane	50.0	42.2		ug/L		84	66 - 128
1,2-Dichloropropane	50.0	40.7		ug/L		81	75 - 133
1,3-Dichlorobenzene	50.0	42.2		ug/L		84	80 - 120
1,4-Dichlorobenzene	50.0	41.8		ug/L		84	80 - 120
2-Butanone (MEK)	100	97.4		ug/L		97	54 - 156
2-Hexanone	100	107		ug/L		107	43 - 167
4-Methyl-2-pentanone (MIBK)	100	101		ug/L		101	46 - 158
Acetone	100	105		ug/L		105	50 - 149
Benzene	50.0	41.1		ug/L		82	77 - 123
Dichlorobromomethane	50.0	42.6		ug/L		85	69 - 126
Bromoform	50.0	50.4		ug/L		101	57 - 129
Bromomethane	50.0	45.7		ug/L		91	36 - 142
Carbon disulfide	50.0	39.0		ug/L		78	43 - 140
Carbon tetrachloride	50.0	43.2		ug/L		86	55 - 137
Chlorobenzene	50.0	42.2		ug/L		84	80 - 121
Chloroethane	50.0	39.4		ug/L		79	38 - 152
Chloroform	50.0	39.1		ug/L		78	74 - 122
Chloromethane	50.0	41.5		ug/L		83	47 - 143
cis-1,2-Dichloroethene	50.0	41.8		ug/L		84	77 - 123
cis-1,3-Dichloropropene	50.0	42.4		ug/L		85	64 - 130
Cyclohexane	50.0	42.0		ug/L		84	58 - 146
Chlorodibromomethane	50.0	42.7		ug/L		85	70 - 124
Dichlorodifluoromethane	50.0	40.2		ug/L		80	34 - 153
Ethylbenzene	50.0	41.4		ug/L		83	80 - 121
Isopropylbenzene	50.0	48.4		ug/L		97	74 - 128
Methyl acetate	100	97.7		ug/L		98	42 - 169
Methyl tert-butyl ether	50.0	41.5		ug/L		83	65 - 126
Methylcyclohexane	50.0	41.3		ug/L		83	62 - 136

Method: 8260D - Volatile Organic Compounds by GC/MS (Continued)

Lab Sample ID: LCS 240-632577/5
Matrix: Water
Analysis Batch: 632577

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Methylene Chloride	50.0	40.8		ug/L		82	71 - 125
Styrene	50.0	44.1		ug/L		88	80 - 135
Tetrachloroethene	50.0	40.1		ug/L		80	76 - 123
Toluene	50.0	40.8		ug/L		82	80 - 123
trans-1,2-Dichloroethene	50.0	40.7		ug/L		81	75 - 124
trans-1,3-Dichloropropene	50.0	47.5		ug/L		95	57 - 129
Trichloroethene	50.0	40.8		ug/L		82	70 - 122
Trichlorofluoromethane	50.0	57.8		ug/L		116	30 - 170
Vinyl chloride	50.0	49.8		ug/L		100	60 - 144
Xylenes, Total	100	85.1		ug/L		85	80 - 121
m-Xylene & p-Xylene	50.0	42.0		ug/L		84	80 - 120
o-Xylene	50.0	43.1		ug/L		86	80 - 123

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
Toluene-d8 (Surr)	*98*		*78 - 122*
Dibromofluoromethane (Surr)	*97*		*73 - 120*
4-Bromofluorobenzene (Surr)	*101*		*56 - 136*
1,2-Dichloroethane-d4 (Surr)	*98*		*62 - 137*

Method: 8270E - Semivolatile Organic Compounds (GC/MS)

Lab Sample ID: MB 240-631395/1-A
Matrix: Solid
Analysis Batch: 631570

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 631395

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1'-Biphenyl	ND		100	28	ug/Kg		10/18/24 08:17	10/21/24 08:41	1
bis (2-chloroisopropyl) ether	ND		100	26	ug/Kg		10/18/24 08:17	10/21/24 08:41	1
2,4,5-Trichlorophenol	ND		150	33	ug/Kg		10/18/24 08:17	10/21/24 08:41	1
2,4,6-Trichlorophenol	ND		150	29	ug/Kg		10/18/24 08:17	10/21/24 08:41	1
2,4-Dichlorophenol	ND		150	27	ug/Kg		10/18/24 08:17	10/21/24 08:41	1
2,4-Dimethylphenol	ND		150	36	ug/Kg		10/18/24 08:17	10/21/24 08:41	1
2,4-Dinitrophenol	ND		330	170	ug/Kg		10/18/24 08:17	10/21/24 08:41	1
2,4-Dinitrotoluene	ND		200	23	ug/Kg		10/18/24 08:17	10/21/24 08:41	1
2,6-Dinitrotoluene	ND		200	36	ug/Kg		10/18/24 08:17	10/21/24 08:41	1
2-Chloronaphthalene	ND		100	28	ug/Kg		10/18/24 08:17	10/21/24 08:41	1
2-Chlorophenol	ND		100	26	ug/Kg		10/18/24 08:17	10/21/24 08:41	1
2-Methylnaphthalene	ND		40	13	ug/Kg		10/18/24 08:17	10/21/24 08:41	1
2-Methylphenol	ND		200	41	ug/Kg		10/18/24 08:17	10/21/24 08:41	1
2-Nitroaniline	ND		200	38	ug/Kg		10/18/24 08:17	10/21/24 08:41	1
2-Nitrophenol	ND		100	35	ug/Kg		10/18/24 08:17	10/21/24 08:41	1
3,3'-Dichlorobenzidine	ND		150	95	ug/Kg		10/18/24 08:17	10/21/24 08:41	1
3-Nitroaniline	ND		200	35	ug/Kg		10/18/24 08:17	10/21/24 08:41	1
4,6-Dinitro-2-methylphenol	ND		330	100	ug/Kg		10/18/24 08:17	10/21/24 08:41	1
4-Bromophenyl phenyl ether	ND		100	32	ug/Kg		10/18/24 08:17	10/21/24 08:41	1
4-Chloro-3-methylphenol	ND		150	38	ug/Kg		10/18/24 08:17	10/21/24 08:41	1
4-Chloroaniline	ND		150	16	ug/Kg		10/18/24 08:17	10/21/24 08:41	1
4-Chlorophenyl phenyl ether	ND		100	28	ug/Kg		10/18/24 08:17	10/21/24 08:41	1
4-Nitroaniline	ND		200	26	ug/Kg		10/18/24 08:17	10/21/24 08:41	1

Method: 8270E - Semivolatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: MB 240-631395/1-A
Matrix: Solid
Analysis Batch: 631570

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 631395

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
4-Nitrophenol	ND		330	90	ug/Kg		10/18/24 08:17	10/21/24 08:41	1
Acenaphthene	ND		40	14	ug/Kg		10/18/24 08:17	10/21/24 08:41	1
Acenaphthylene	ND		40	15	ug/Kg		10/18/24 08:17	10/21/24 08:41	1
Acetophenone	ND		100	25	ug/Kg		10/18/24 08:17	10/21/24 08:41	1
Anthracene	ND		40	12	ug/Kg		10/18/24 08:17	10/21/24 08:41	1
Atrazine	ND		330	69	ug/Kg		10/18/24 08:17	10/21/24 08:41	1
Benzaldehyde	ND		330	56	ug/Kg		10/18/24 08:17	10/21/24 08:41	1
Benzo[a]anthracene	ND		40	15	ug/Kg		10/18/24 08:17	10/21/24 08:41	1
Benzo[a]pyrene	ND		40	14	ug/Kg		10/18/24 08:17	10/21/24 08:41	1
Benzo[b]fluoranthene	ND		40	12	ug/Kg		10/18/24 08:17	10/21/24 08:41	1
Benzo[g,h,i]perylene	ND		40	27	ug/Kg		10/18/24 08:17	10/21/24 08:41	1
Benzo[k]fluoranthene	ND		40	10	ug/Kg		10/18/24 08:17	10/21/24 08:41	1
Bis(2-chloroethoxy)methane	ND		100	20	ug/Kg		10/18/24 08:17	10/21/24 08:41	1
Bis(2-chloroethyl)ether	ND		100	22	ug/Kg		10/18/24 08:17	10/21/24 08:41	1
Bis(2-ethylhexyl) phthalate	ND		150	56	ug/Kg		10/18/24 08:17	10/21/24 08:41	1
Butyl benzyl phthalate	ND		150	51	ug/Kg		10/18/24 08:17	10/21/24 08:41	1
Caprolactam	ND		330	69	ug/Kg		10/18/24 08:17	10/21/24 08:41	1
Carbazole	ND		100	27	ug/Kg		10/18/24 08:17	10/21/24 08:41	1
Chrysene	ND		40	14	ug/Kg		10/18/24 08:17	10/21/24 08:41	1
Dibenz(a,h)anthracene	ND		40	15	ug/Kg		10/18/24 08:17	10/21/24 08:41	1
Dibenzofuran	ND		100	29	ug/Kg		10/18/24 08:17	10/21/24 08:41	1
Diethyl phthalate	ND		150	43	ug/Kg		10/18/24 08:17	10/21/24 08:41	1
Dimethyl phthalate	ND		150	40	ug/Kg		10/18/24 08:17	10/21/24 08:41	1
Di-n-butyl phthalate	ND		150	51	ug/Kg		10/18/24 08:17	10/21/24 08:41	1
Di-n-octyl phthalate	ND		150	50	ug/Kg		10/18/24 08:17	10/21/24 08:41	1
Fluoranthene	ND		40	14	ug/Kg		10/18/24 08:17	10/21/24 08:41	1
Fluorene	ND		40	14	ug/Kg		10/18/24 08:17	10/21/24 08:41	1
Hexachlorobenzene	ND		40	14	ug/Kg		10/18/24 08:17	10/21/24 08:41	1
Hexachlorobutadiene	ND		100	21	ug/Kg		10/18/24 08:17	10/21/24 08:41	1
Hexachlorocyclopentadiene	ND		330	39	ug/Kg		10/18/24 08:17	10/21/24 08:41	1
Hexachloroethane	ND		100	32	ug/Kg		10/18/24 08:17	10/21/24 08:41	1
Indeno[1,2,3-cd]pyrene	ND		40	12	ug/Kg		10/18/24 08:17	10/21/24 08:41	1
Isophorone	ND		100	26	ug/Kg		10/18/24 08:17	10/21/24 08:41	1
N-Nitrosodi-n-propylamine	ND		100	37	ug/Kg		10/18/24 08:17	10/21/24 08:41	1
N-Nitrosodiphenylamine	ND		100	27	ug/Kg		10/18/24 08:17	10/21/24 08:41	1
Naphthalene	ND		40	13	ug/Kg		10/18/24 08:17	10/21/24 08:41	1
Nitrobenzene	ND		100	22	ug/Kg		10/18/24 08:17	10/21/24 08:41	1
Pentachlorophenol	ND		270	110	ug/Kg		10/18/24 08:17	10/21/24 08:41	1
Phenanthrene	ND		40	13	ug/Kg		10/18/24 08:17	10/21/24 08:41	1
Phenol	ND		100	38	ug/Kg		10/18/24 08:17	10/21/24 08:41	1
Pyrene	ND		40	16	ug/Kg		10/18/24 08:17	10/21/24 08:41	1
3 & 4 Methylphenol	ND		400	41	ug/Kg		10/18/24 08:17	10/21/24 08:41	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Terphenyl-d14 (Surr)	*98*		*37 - 120*	*10/18/24 08:17*	*10/21/24 08:41*	*1*
Phenol-d5 (Surr)	*95*		*29 - 120*	*10/18/24 08:17*	*10/21/24 08:41*	*1*
Nitrobenzene-d5 (Surr)	*86*		*28 - 120*	*10/18/24 08:17*	*10/21/24 08:41*	*1*
2-Fluorophenol (Surr)	*96*		*26 - 120*	*10/18/24 08:17*	*10/21/24 08:41*	*1*

Method: 8270E - Semivolatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: MB 240-631395/1-A
Matrix: Solid
Analysis Batch: 631570

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 631395

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
2-Fluorobiphenyl (Surr)	91		36 - 120	10/18/24 08:17	10/21/24 08:41	1
2,4,6-Tribromophenol (Surr)	82		10 - 120	10/18/24 08:17	10/21/24 08:41	1

Lab Sample ID: LCS 240-631395/2-A
Matrix: Solid
Analysis Batch: 631570

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 631395

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
1,1'-Biphenyl	1330	1230		ug/Kg		92	54 - 120
bis (2-chloroisopropyl) ether	1330	1220		ug/Kg		92	42 - 120
2,4,5-Trichlorophenol	1330	1260		ug/Kg		94	53 - 120
2,4,6-Trichlorophenol	1330	1300		ug/Kg		97	53 - 120
2,4-Dichlorophenol	1330	1310		ug/Kg		98	55 - 120
2,4-Dimethylphenol	1330	928		ug/Kg		70	39 - 120
2,4-Dinitrophenol	2670	1510		ug/Kg		57	10 - 120
2,4-Dinitrotoluene	1330	1480		ug/Kg		111	56 - 120
2,6-Dinitrotoluene	1330	1380		ug/Kg		103	57 - 120
2-Chloronaphthalene	1330	1240		ug/Kg		93	54 - 120
2-Chlorophenol	1330	1230		ug/Kg		93	54 - 120
2-Methylnaphthalene	1330	1280		ug/Kg		96	56 - 120
2-Methylphenol	1330	1220		ug/Kg		91	51 - 120
2-Nitroaniline	1330	1470		ug/Kg		110	53 - 120
2-Nitrophenol	1330	1310		ug/Kg		98	51 - 120
3,3'-Dichlorobenzidine	2670	1720		ug/Kg		64	31 - 120
3-Nitroaniline	1330	1070		ug/Kg		80	36 - 120
4,6-Dinitro-2-methylphenol	2670	2140		ug/Kg		80	10 - 120
4-Bromophenyl phenyl ether	1330	1440		ug/Kg		108	56 - 120
4-Chloro-3-methylphenol	1330	1420		ug/Kg		107	55 - 120
4-Chloroaniline	1330	745		ug/Kg		56	23 - 120
4-Chlorophenyl phenyl ether	1330	1300		ug/Kg		97	54 - 120
4-Nitroaniline	1330	1130		ug/Kg		85	46 - 120
4-Nitrophenol	2670	2450		ug/Kg		92	41 - 123
Acenaphthene	1330	1220		ug/Kg		92	56 - 120
Acenaphthylene	1330	1290		ug/Kg		97	54 - 120
Acetophenone	1330	1210		ug/Kg		91	53 - 120
Anthracene	1330	1430		ug/Kg		108	59 - 120
Atrazine	2670	2930		ug/Kg		110	56 - 136
Benzaldehyde	2670	2190		ug/Kg		82	50 - 120
Benzo[a]anthracene	1330	1440		ug/Kg		108	59 - 120
Benzo[a]pyrene	1330	1480		ug/Kg		111	54 - 120
Benzo[b]fluoranthene	1330	1450		ug/Kg		109	58 - 120
Benzo[g,h,i]perylene	1330	1420		ug/Kg		106	56 - 120
Benzo[k]fluoranthene	1330	1470		ug/Kg		110	59 - 120
Bis(2-chloroethoxy)methane	1330	1300		ug/Kg		97	53 - 120
Bis(2-chloroethyl)ether	1330	1150		ug/Kg		86	45 - 120
Bis(2-ethylhexyl) phthalate	1330	1330		ug/Kg		100	52 - 120
Butyl benzyl phthalate	1330	1360		ug/Kg		102	54 - 120
Caprolactam	2670	2770		ug/Kg		104	55 - 120

Method: 8270E - Semivolatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: LCS 240-631395/2-A
Matrix: Solid
Analysis Batch: 631570

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 631395

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Carbazole	1330	1480		ug/Kg		111	61 - 120
Chrysene	1330	1380		ug/Kg		103	58 - 120
Dibenz(a,h)anthracene	1330	1470		ug/Kg		110	54 - 120
Dibenzofuran	1330	1270		ug/Kg		95	54 - 120
Diethyl phthalate	1330	1370		ug/Kg		102	58 - 120
Dimethyl phthalate	1330	1380		ug/Kg		103	58 - 120
Di-n-butyl phthalate	1330	1420		ug/Kg		107	54 - 124
Di-n-octyl phthalate	1330	1320		ug/Kg		99	53 - 120
Fluoranthene	1330	1500		ug/Kg		112	59 - 120
Fluorene	1330	1310		ug/Kg		98	56 - 120
Hexachlorobenzene	1330	1450		ug/Kg		109	51 - 120
Hexachlorobutadiene	1330	1190		ug/Kg		89	46 - 120
Hexachlorocyclopentadiene	1330	339		ug/Kg		25	12 - 120
Hexachloroethane	1330	1150		ug/Kg		86	49 - 120
Indeno[1,2,3-cd]pyrene	1330	1480		ug/Kg		111	53 - 120
Isophorone	1330	1340		ug/Kg		100	52 - 120
N-Nitrosodi-n-propylamine	1330	1230		ug/Kg		92	52 - 120
N-Nitrosodiphenylamine	1330	1450		ug/Kg		109	58 - 120
Naphthalene	1330	1210		ug/Kg		91	54 - 120
Nitrobenzene	1330	1260		ug/Kg		94	52 - 120
Pentachlorophenol	2670	1990		ug/Kg		75	31 - 120
Phenanthrene	1330	1360		ug/Kg		102	57 - 120
Phenol	1330	1230		ug/Kg		92	48 - 120
Pyrene	1330	1420		ug/Kg		107	59 - 120
3 & 4 Methylphenol	1330	1240		ug/Kg		93	51 - 120

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
Terphenyl-d14 (Surr)	*92*		*37 - 120*
Phenol-d5 (Surr)	*89*		*29 - 120*
Nitrobenzene-d5 (Surr)	*91*		*28 - 120*
2-Fluorophenol (Surr)	*90*		*26 - 120*
2-Fluorobiphenyl (Surr)	*86*		*36 - 120*
2,4,6-Tribromophenol (Surr)	*94*		*10 - 120*

Method: 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Lab Sample ID: MB 240-631672/1-A
Matrix: Solid
Analysis Batch: 631741

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 631672

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aroclor-1016	ND		50	25	ug/Kg		10/21/24 09:59	10/21/24 18:09	1
Aroclor-1221	ND		50	30	ug/Kg		10/21/24 09:59	10/21/24 18:09	1
Aroclor-1232	ND		50	21	ug/Kg		10/21/24 09:59	10/21/24 18:09	1
Aroclor-1242	94.5		50	19	ug/Kg		10/21/24 09:59	10/21/24 18:09	1
Aroclor-1248	ND		50	17	ug/Kg		10/21/24 09:59	10/21/24 18:09	1
Aroclor-1254	ND		50	21	ug/Kg		10/21/24 09:59	10/21/24 18:09	1
Aroclor-1260	ND		50	21	ug/Kg		10/21/24 09:59	10/21/24 18:09	1
Aroclor-1262	ND		50	22	ug/Kg		10/21/24 09:59	10/21/24 18:09	1

Method: 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography (Continued)

Lab Sample ID: MB 240-631672/1-A
Matrix: Solid
Analysis Batch: 631741

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 631672

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aroclor-1268	ND		50	16	ug/Kg		10/21/24 09:59	10/21/24 18:09	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Tetrachloro-m-xylene	*77*		*10 - 149*	*10/21/24 09:59*	*10/21/24 18:09*	*1*
DCB Decachlorobiphenyl	*52*		*10 - 174*	*10/21/24 09:59*	*10/21/24 18:09*	*1*

Lab Sample ID: LCS 240-631672/2-A
Matrix: Solid
Analysis Batch: 631741

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 631672

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
Aroclor-1016			1000	846		ug/Kg		85	28 - 140		
Aroclor-1260			1000	884		ug/Kg		88	39 - 153		

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
Tetrachloro-m-xylene	*95*		*10 - 149*
DCB Decachlorobiphenyl	*102*		*10 - 174*

Lab Sample ID: MB 240-632072/1-A
Matrix: Solid
Analysis Batch: 632255

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 632072

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aroclor-1016	ND		50	25	ug/Kg		10/23/24 09:27	10/24/24 12:29	1
Aroclor-1221	ND		50	30	ug/Kg		10/23/24 09:27	10/24/24 12:29	1
Aroclor-1232	ND		50	21	ug/Kg		10/23/24 09:27	10/24/24 12:29	1
Aroclor-1242	ND		50	19	ug/Kg		10/23/24 09:27	10/24/24 12:29	1
Aroclor-1248	ND		50	17	ug/Kg		10/23/24 09:27	10/24/24 12:29	1
Aroclor-1254	ND		50	21	ug/Kg		10/23/24 09:27	10/24/24 12:29	1
Aroclor-1260	ND		50	21	ug/Kg		10/23/24 09:27	10/24/24 12:29	1
Aroclor-1262	ND		50	22	ug/Kg		10/23/24 09:27	10/24/24 12:29	1
Aroclor-1268	ND		50	16	ug/Kg		10/23/24 09:27	10/24/24 12:29	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Tetrachloro-m-xylene	*91*		*10 - 149*	*10/23/24 09:27*	*10/24/24 12:29*	*1*
DCB Decachlorobiphenyl	*86*		*10 - 174*	*10/23/24 09:27*	*10/24/24 12:29*	*1*

Lab Sample ID: LCS 240-632072/2-A
Matrix: Solid
Analysis Batch: 632255

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 632072

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
Aroclor-1016			1000	745		ug/Kg		75	28 - 140		
Aroclor-1260			1000	835		ug/Kg		83	39 - 153		

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
Tetrachloro-m-xylene	*87*		*10 - 149*

Method: 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography (Continued)

Lab Sample ID: LCS 240-632072/2-A
Matrix: Solid
Analysis Batch: 632255

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 632072

Surrogate	LCS %Recovery	LCS Qualifier	Limits
DCB Decachlorobiphenyl	96		10 - 174

Method: 6010D - Metals (ICP)

Lab Sample ID: MB 240-631274/1-A
Matrix: Solid
Analysis Batch: 631477

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 631274

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	ND		1.5	0.32	mg/Kg		10/17/24 15:00	10/18/24 21:59	1
Barium	ND		20	0.13	mg/Kg		10/17/24 15:00	10/18/24 21:59	1
Cadmium	ND		0.50	0.048	mg/Kg		10/17/24 15:00	10/18/24 21:59	1
Chromium	ND		1.0	0.34	mg/Kg		10/17/24 15:00	10/18/24 21:59	1
Copper	ND		2.5	0.70	mg/Kg		10/17/24 15:00	10/18/24 21:59	1
Lead	ND		1.0	0.28	mg/Kg		10/17/24 15:00	10/18/24 21:59	1
Selenium	ND		2.0	0.47	mg/Kg		10/17/24 15:00	10/18/24 21:59	1
Silver	ND		1.0	0.081	mg/Kg		10/17/24 15:00	10/18/24 21:59	1
Zinc	ND		5.0	3.6	mg/Kg		10/17/24 15:00	10/18/24 21:59	1

Lab Sample ID: LCS 240-631274/2-A
Matrix: Solid
Analysis Batch: 631477

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 631274

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Arsenic	200	200		mg/Kg		100	80 - 120
Barium	200	183		mg/Kg		91	80 - 120
Cadmium	100	92.2		mg/Kg		92	80 - 120
Chromium	100	91.3		mg/Kg		91	80 - 120
Copper	100	94.5		mg/Kg		95	80 - 120
Lead	100	91.8		mg/Kg		92	80 - 120
Selenium	200	199		mg/Kg		99	80 - 120
Silver	10.0	9.35		mg/Kg		93	80 - 120
Zinc	100	98.4		mg/Kg		98	80 - 120

Method: 7471B - Mercury (CVAA)

Lab Sample ID: MB 240-631276/1-A
Matrix: Solid
Analysis Batch: 631492

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 631276

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	ND		0.10	0.018	mg/Kg		10/17/24 15:00	10/18/24 10:21	1

Lab Sample ID: LCS 240-631276/2-A
Matrix: Solid
Analysis Batch: 631492

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 631276

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Mercury	0.833	0.720		mg/Kg		86	80 - 120

Method: 7196A - Chromium, Hexavalent

Lab Sample ID: MB 410-568197/1-A
Matrix: Solid
Analysis Batch: 568330

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 568197

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cr (VI)	ND		0.42	0.14	mg/Kg		10/26/24 02:33	10/27/24 07:02	1

Lab Sample ID: LCS 410-568197/2-A
Matrix: Solid
Analysis Batch: 568330

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 568197

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Cr (VI)	5.00	4.88		mg/Kg		98	80 - 120

Lab Sample ID: LCSI 410-568197/3-A
Matrix: Solid
Analysis Batch: 568330

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 568197

Analyte	Spike Added	LCSI Result	LCSI Qualifier	Unit	D	%Rec	%Rec Limits
Cr (VI)	836	726		mg/Kg		87	80 - 120

Method: 9012B - Cyanide, Total andor Amenable

Lab Sample ID: MB 240-631936/1-A
Matrix: Solid
Analysis Batch: 632014

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 631936

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cyanide, Total	ND		0.46	0.37	mg/Kg		10/22/24 13:55	10/22/24 16:27	1

Lab Sample ID: LCS 240-631936/2-A
Matrix: Solid
Analysis Batch: 632014

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 631936

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Cyanide, Total	8.92	8.98		mg/Kg		101	65 - 128

Method: Moisture - Percent Moisture

Lab Sample ID: 240-213135-9 DU
Matrix: Solid
Analysis Batch: 631154

Client Sample ID: SB-20-4.0-6.0
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	DU Result	DU Qualifier	Unit	D	RPD	RPD Limit
Percent Solids	91.0		90.5		%		0.6	20
Percent Moisture	9.0		9.5		%		5	20

Method: OIA-1677 - Cyanide, Free (Flow Injection)

Lab Sample ID: MB 410-566770/17
Matrix: Solid
Analysis Batch: 566770

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cyanide, Free	ND		0.0060	0.0050	mg/L			10/22/24 12:09	1

Method: OIA-1677 - Cyanide, Free (Flow Injection) (Continued)

Lab Sample ID: MB 410-566770/33
Matrix: Solid
Analysis Batch: 566770

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cyanide, Free	ND		0.0060	0.0050	mg/L			10/22/24 12:49	1

Lab Sample ID: MB 410-566770/51
Matrix: Solid
Analysis Batch: 566770

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cyanide, Free	ND		0.0060	0.0050	mg/L			10/22/24 13:35	1

Lab Sample ID: LCS 410-566770/16
Matrix: Solid
Analysis Batch: 566770

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Cyanide, Free	0.0500	0.0565		mg/L		113	82 - 132

Lab Sample ID: LCS 410-566770/50
Matrix: Solid
Analysis Batch: 566770

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Cyanide, Free	0.0500	0.0558		mg/L		112	82 - 132

GC/MS VOA

Analysis Batch: 631586

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
240-213135-1	SB-17-10.0-12.0	Total/NA	Solid	8260D	631687
240-213135-2	SB-17-14.0-16.0	Total/NA	Solid	8260D	631687
240-213135-3	SB-19-6.0-8.0	Total/NA	Solid	8260D	631687
240-213135-4	SB-19-14.0-16.0	Total/NA	Solid	8260D	631687
240-213135-5	SB-DUP-1.0	Total/NA	Solid	8260D	631687
240-213135-7	SB-16-12.0-14.0	Total/NA	Solid	8260D	631687
240-213135-8	SB-16-4.0-6.0	Total/NA	Solid	8260D	631687
240-213135-9	SB-20-4.0-6.0	Total/NA	Solid	8260D	631687
240-213135-10	SB-20-14.0-16.0	Total/NA	Solid	8260D	631687
MB 240-631586/7	Method Blank	Total/NA	Solid	8260D	
LCS 240-631586/5	Lab Control Sample	Total/NA	Solid	8260D	
240-213135-10 MS	SB-20-14.0-16.0	Total/NA	Solid	8260D	631687
240-213135-10 MSD	SB-20-14.0-16.0	Total/NA	Solid	8260D	631687

Prep Batch: 631687

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
240-213135-1	SB-17-10.0-12.0	Total/NA	Solid	5030C	
240-213135-2	SB-17-14.0-16.0	Total/NA	Solid	5030C	
240-213135-3	SB-19-6.0-8.0	Total/NA	Solid	5030C	
240-213135-4	SB-19-14.0-16.0	Total/NA	Solid	5030C	
240-213135-5	SB-DUP-1.0	Total/NA	Solid	5030C	
240-213135-7	SB-16-12.0-14.0	Total/NA	Solid	5030C	
240-213135-8	SB-16-4.0-6.0	Total/NA	Solid	5030C	
240-213135-9	SB-20-4.0-6.0	Total/NA	Solid	5030C	
240-213135-10	SB-20-14.0-16.0	Total/NA	Solid	5030C	
240-213135-10 MS	SB-20-14.0-16.0	Total/NA	Solid	5030C	
240-213135-10 MSD	SB-20-14.0-16.0	Total/NA	Solid	5030C	

Analysis Batch: 632577

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
240-213135-6	TB-2-20241014	Total/NA	Water	8260D	
MB 240-632577/12	Method Blank	Total/NA	Water	8260D	
LCS 240-632577/5	Lab Control Sample	Total/NA	Water	8260D	

GC/MS Semi VOA

Prep Batch: 631395

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
240-213135-1	SB-17-10.0-12.0	Total/NA	Solid	3546	
240-213135-2	SB-17-14.0-16.0	Total/NA	Solid	3546	
240-213135-3	SB-19-6.0-8.0	Total/NA	Solid	3546	
240-213135-4	SB-19-14.0-16.0	Total/NA	Solid	3546	
240-213135-5	SB-DUP-1.0	Total/NA	Solid	3546	
240-213135-7	SB-16-12.0-14.0	Total/NA	Solid	3546	
240-213135-8	SB-16-4.0-6.0	Total/NA	Solid	3546	
240-213135-9	SB-20-4.0-6.0	Total/NA	Solid	3546	
240-213135-10	SB-20-14.0-16.0	Total/NA	Solid	3546	
MB 240-631395/1-A	Method Blank	Total/NA	Solid	3546	
LCS 240-631395/2-A	Lab Control Sample	Total/NA	Solid	3546	

GC/MS Semi VOA

Analysis Batch: 631570

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
240-213135-1	SB-17-10.0-12.0	Total/NA	Solid	8270E	631395
240-213135-2	SB-17-14.0-16.0	Total/NA	Solid	8270E	631395
MB 240-631395/1-A	Method Blank	Total/NA	Solid	8270E	631395
LCS 240-631395/2-A	Lab Control Sample	Total/NA	Solid	8270E	631395

Analysis Batch: 631782

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
240-213135-3	SB-19-6.0-8.0	Total/NA	Solid	8270E	631395
240-213135-4	SB-19-14.0-16.0	Total/NA	Solid	8270E	631395
240-213135-5	SB-DUP-1.0	Total/NA	Solid	8270E	631395
240-213135-7	SB-16-12.0-14.0	Total/NA	Solid	8270E	631395
240-213135-8	SB-16-4.0-6.0	Total/NA	Solid	8270E	631395
240-213135-9	SB-20-4.0-6.0	Total/NA	Solid	8270E	631395
240-213135-10	SB-20-14.0-16.0	Total/NA	Solid	8270E	631395

GC Semi VOA

Prep Batch: 631672

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
240-213135-2	SB-17-14.0-16.0	Total/NA	Solid	3546	
240-213135-3	SB-19-6.0-8.0	Total/NA	Solid	3546	
240-213135-4	SB-19-14.0-16.0	Total/NA	Solid	3546	
240-213135-5	SB-DUP-1.0	Total/NA	Solid	3546	
240-213135-7	SB-16-12.0-14.0	Total/NA	Solid	3546	
240-213135-8	SB-16-4.0-6.0	Total/NA	Solid	3546	
240-213135-9	SB-20-4.0-6.0	Total/NA	Solid	3546	
240-213135-10	SB-20-14.0-16.0	Total/NA	Solid	3546	
MB 240-631672/1-A	Method Blank	Total/NA	Solid	3546	
LCS 240-631672/2-A	Lab Control Sample	Total/NA	Solid	3546	

Analysis Batch: 631741

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
240-213135-2	SB-17-14.0-16.0	Total/NA	Solid	8082A	631672
240-213135-3	SB-19-6.0-8.0	Total/NA	Solid	8082A	631672
240-213135-4	SB-19-14.0-16.0	Total/NA	Solid	8082A	631672
240-213135-5	SB-DUP-1.0	Total/NA	Solid	8082A	631672
240-213135-7	SB-16-12.0-14.0	Total/NA	Solid	8082A	631672
240-213135-8	SB-16-4.0-6.0	Total/NA	Solid	8082A	631672
240-213135-9	SB-20-4.0-6.0	Total/NA	Solid	8082A	631672
240-213135-10	SB-20-14.0-16.0	Total/NA	Solid	8082A	631672
MB 240-631672/1-A	Method Blank	Total/NA	Solid	8082A	631672
LCS 240-631672/2-A	Lab Control Sample	Total/NA	Solid	8082A	631672

Prep Batch: 632072

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
240-213135-1	SB-17-10.0-12.0	Total/NA	Solid	3546	
MB 240-632072/1-A	Method Blank	Total/NA	Solid	3546	
LCS 240-632072/2-A	Lab Control Sample	Total/NA	Solid	3546	

GC Semi VOA

Analysis Batch: 632255

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
240-213135-1	SB-17-10.0-12.0	Total/NA	Solid	8082A	632072
MB 240-632072/1-A	Method Blank	Total/NA	Solid	8082A	632072
LCS 240-632072/2-A	Lab Control Sample	Total/NA	Solid	8082A	632072

Metals

Prep Batch: 631274

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
240-213135-1	SB-17-10.0-12.0	Total/NA	Solid	3050B	
240-213135-2	SB-17-14.0-16.0	Total/NA	Solid	3050B	
240-213135-3	SB-19-6.0-8.0	Total/NA	Solid	3050B	
240-213135-4	SB-19-14.0-16.0	Total/NA	Solid	3050B	
240-213135-5	SB-DUP-1.0	Total/NA	Solid	3050B	
240-213135-7	SB-16-12.0-14.0	Total/NA	Solid	3050B	
240-213135-8	SB-16-4.0-6.0	Total/NA	Solid	3050B	
240-213135-9	SB-20-4.0-6.0	Total/NA	Solid	3050B	
240-213135-10	SB-20-14.0-16.0	Total/NA	Solid	3050B	
MB 240-631274/1-A	Method Blank	Total/NA	Solid	3050B	
LCS 240-631274/2-A	Lab Control Sample	Total/NA	Solid	3050B	

Prep Batch: 631276

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
240-213135-1	SB-17-10.0-12.0	Total/NA	Solid	7471B	
240-213135-2	SB-17-14.0-16.0	Total/NA	Solid	7471B	
240-213135-3	SB-19-6.0-8.0	Total/NA	Solid	7471B	
240-213135-4	SB-19-14.0-16.0	Total/NA	Solid	7471B	
240-213135-5	SB-DUP-1.0	Total/NA	Solid	7471B	
240-213135-7	SB-16-12.0-14.0	Total/NA	Solid	7471B	
240-213135-8	SB-16-4.0-6.0	Total/NA	Solid	7471B	
240-213135-9	SB-20-4.0-6.0	Total/NA	Solid	7471B	
240-213135-10	SB-20-14.0-16.0	Total/NA	Solid	7471B	
MB 240-631276/1-A	Method Blank	Total/NA	Solid	7471B	
LCS 240-631276/2-A	Lab Control Sample	Total/NA	Solid	7471B	

Analysis Batch: 631477

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
240-213135-1	SB-17-10.0-12.0	Total/NA	Solid	6010D	631274
240-213135-2	SB-17-14.0-16.0	Total/NA	Solid	6010D	631274
240-213135-3	SB-19-6.0-8.0	Total/NA	Solid	6010D	631274
240-213135-4	SB-19-14.0-16.0	Total/NA	Solid	6010D	631274
240-213135-5	SB-DUP-1.0	Total/NA	Solid	6010D	631274
240-213135-7	SB-16-12.0-14.0	Total/NA	Solid	6010D	631274
240-213135-8	SB-16-4.0-6.0	Total/NA	Solid	6010D	631274
240-213135-9	SB-20-4.0-6.0	Total/NA	Solid	6010D	631274
240-213135-10	SB-20-14.0-16.0	Total/NA	Solid	6010D	631274
MB 240-631274/1-A	Method Blank	Total/NA	Solid	6010D	631274
LCS 240-631274/2-A	Lab Control Sample	Total/NA	Solid	6010D	631274

Analysis Batch: 631492

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
240-213135-1	SB-17-10.0-12.0	Total/NA	Solid	7471B	631276

Metals (Continued)

Analysis Batch: 631492 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
240-213135-2	SB-17-14.0-16.0	Total/NA	Solid	7471B	631276
240-213135-3	SB-19-6.0-8.0	Total/NA	Solid	7471B	631276
240-213135-4	SB-19-14.0-16.0	Total/NA	Solid	7471B	631276
240-213135-5	SB-DUP-1.0	Total/NA	Solid	7471B	631276
240-213135-7	SB-16-12.0-14.0	Total/NA	Solid	7471B	631276
240-213135-8	SB-16-4.0-6.0	Total/NA	Solid	7471B	631276
240-213135-9	SB-20-4.0-6.0	Total/NA	Solid	7471B	631276
240-213135-10	SB-20-14.0-16.0	Total/NA	Solid	7471B	631276
MB 240-631276/1-A	Method Blank	Total/NA	Solid	7471B	631276
LCS 240-631276/2-A	Lab Control Sample	Total/NA	Solid	7471B	631276

General Chemistry

Leach Batch: 564898

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
240-213135-1	SB-17-10.0-12.0	ASTM Leach	Solid	D3987-85	
240-213135-2	SB-17-14.0-16.0	ASTM Leach	Solid	D3987-85	
240-213135-3	SB-19-6.0-8.0	ASTM Leach	Solid	D3987-85	
240-213135-4	SB-19-14.0-16.0	ASTM Leach	Solid	D3987-85	
240-213135-5	SB-DUP-1.0	ASTM Leach	Solid	D3987-85	
240-213135-7	SB-16-12.0-14.0	ASTM Leach	Solid	D3987-85	
240-213135-8	SB-16-4.0-6.0	ASTM Leach	Solid	D3987-85	
240-213135-9	SB-20-4.0-6.0	ASTM Leach	Solid	D3987-85	
240-213135-10	SB-20-14.0-16.0	ASTM Leach	Solid	D3987-85	

Analysis Batch: 566770

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
240-213135-7	SB-16-12.0-14.0	ASTM Leach	Solid	OIA-1677	564898
240-213135-8	SB-16-4.0-6.0	ASTM Leach	Solid	OIA-1677	564898
240-213135-10	SB-20-14.0-16.0	ASTM Leach	Solid	OIA-1677	564898
MB 410-566770/17	Method Blank	Total/NA	Solid	OIA-1677	
MB 410-566770/33	Method Blank	Total/NA	Solid	OIA-1677	
MB 410-566770/51	Method Blank	Total/NA	Solid	OIA-1677	
LCS 410-566770/16	Lab Control Sample	Total/NA	Solid	OIA-1677	
LCS 410-566770/50	Lab Control Sample	Total/NA	Solid	OIA-1677	

Analysis Batch: 567099

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
240-213135-1	SB-17-10.0-12.0	ASTM Leach	Solid	OIA-1677	564898
240-213135-2	SB-17-14.0-16.0	ASTM Leach	Solid	OIA-1677	564898
240-213135-3	SB-19-6.0-8.0	ASTM Leach	Solid	OIA-1677	564898
240-213135-4	SB-19-14.0-16.0	ASTM Leach	Solid	OIA-1677	564898
240-213135-5	SB-DUP-1.0	ASTM Leach	Solid	OIA-1677	564898
240-213135-9	SB-20-4.0-6.0	ASTM Leach	Solid	OIA-1677	564898

Prep Batch: 568197

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
240-213135-1	SB-17-10.0-12.0	Total/NA	Solid	3060A	
240-213135-2	SB-17-14.0-16.0	Total/NA	Solid	3060A	
240-213135-3	SB-19-6.0-8.0	Total/NA	Solid	3060A	
240-213135-4	SB-19-14.0-16.0	Total/NA	Solid	3060A	

General Chemistry (Continued)

Prep Batch: 568197 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
240-213135-5	SB-DUP-1.0	Total/NA	Solid	3060A	
240-213135-7	SB-16-12.0-14.0	Total/NA	Solid	3060A	
240-213135-8	SB-16-4.0-6.0	Total/NA	Solid	3060A	
240-213135-9	SB-20-4.0-6.0	Total/NA	Solid	3060A	
240-213135-10	SB-20-14.0-16.0	Total/NA	Solid	3060A	
MB 410-568197/1-A	Method Blank	Total/NA	Solid	3060A	
LCS 410-568197/2-A	Lab Control Sample	Total/NA	Solid	3060A	
LCSI 410-568197/3-A	Lab Control Sample	Total/NA	Solid	3060A	

Analysis Batch: 568330

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
240-213135-1	SB-17-10.0-12.0	Total/NA	Solid	7196A	568197
240-213135-2	SB-17-14.0-16.0	Total/NA	Solid	7196A	568197
240-213135-3	SB-19-6.0-8.0	Total/NA	Solid	7196A	568197
240-213135-4	SB-19-14.0-16.0	Total/NA	Solid	7196A	568197
240-213135-5	SB-DUP-1.0	Total/NA	Solid	7196A	568197
240-213135-7	SB-16-12.0-14.0	Total/NA	Solid	7196A	568197
240-213135-8	SB-16-4.0-6.0	Total/NA	Solid	7196A	568197
240-213135-9	SB-20-4.0-6.0	Total/NA	Solid	7196A	568197
240-213135-10	SB-20-14.0-16.0	Total/NA	Solid	7196A	568197
MB 410-568197/1-A	Method Blank	Total/NA	Solid	7196A	568197
LCS 410-568197/2-A	Lab Control Sample	Total/NA	Solid	7196A	568197
LCSI 410-568197/3-A	Lab Control Sample	Total/NA	Solid	7196A	568197

Analysis Batch: 631154

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
240-213135-1	SB-17-10.0-12.0	Total/NA	Solid	Moisture	
240-213135-2	SB-17-14.0-16.0	Total/NA	Solid	Moisture	
240-213135-3	SB-19-6.0-8.0	Total/NA	Solid	Moisture	
240-213135-4	SB-19-14.0-16.0	Total/NA	Solid	Moisture	
240-213135-5	SB-DUP-1.0	Total/NA	Solid	Moisture	
240-213135-7	SB-16-12.0-14.0	Total/NA	Solid	Moisture	
240-213135-8	SB-16-4.0-6.0	Total/NA	Solid	Moisture	
240-213135-9	SB-20-4.0-6.0	Total/NA	Solid	Moisture	
240-213135-10	SB-20-14.0-16.0	Total/NA	Solid	Moisture	
240-213135-9 DU	SB-20-4.0-6.0	Total/NA	Solid	Moisture	

Prep Batch: 631936

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
240-213135-1	SB-17-10.0-12.0	Total/NA	Solid	9012B	
240-213135-2	SB-17-14.0-16.0	Total/NA	Solid	9012B	
240-213135-3	SB-19-6.0-8.0	Total/NA	Solid	9012B	
240-213135-4	SB-19-14.0-16.0	Total/NA	Solid	9012B	
240-213135-5	SB-DUP-1.0	Total/NA	Solid	9012B	
240-213135-7	SB-16-12.0-14.0	Total/NA	Solid	9012B	
240-213135-8	SB-16-4.0-6.0	Total/NA	Solid	9012B	
240-213135-9	SB-20-4.0-6.0	Total/NA	Solid	9012B	
240-213135-10	SB-20-14.0-16.0	Total/NA	Solid	9012B	
MB 240-631936/1-A	Method Blank	Total/NA	Solid	9012B	
LCS 240-631936/2-A	Lab Control Sample	Total/NA	Solid	9012B	

QC Association Summary

Client: August Mack Environmental, Inc.
Project/Site: MSC Canfield

Job ID: 240-213135-1

General Chemistry

Analysis Batch: 632014

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
240-213135-1	SB-17-10.0-12.0	Total/NA	Solid	9012B	631936
240-213135-2	SB-17-14.0-16.0	Total/NA	Solid	9012B	631936
240-213135-3	SB-19-6.0-8.0	Total/NA	Solid	9012B	631936
240-213135-4	SB-19-14.0-16.0	Total/NA	Solid	9012B	631936
240-213135-5	SB-DUP-1.0	Total/NA	Solid	9012B	631936
240-213135-7	SB-16-12.0-14.0	Total/NA	Solid	9012B	631936
240-213135-8	SB-16-4.0-6.0	Total/NA	Solid	9012B	631936
240-213135-9	SB-20-4.0-6.0	Total/NA	Solid	9012B	631936
240-213135-10	SB-20-14.0-16.0	Total/NA	Solid	9012B	631936
MB 240-631936/1-A	Method Blank	Total/NA	Solid	9012B	631936
LCS 240-631936/2-A	Lab Control Sample	Total/NA	Solid	9012B	631936

Client Sample ID: SB-17-10.0-12.0 — **Lab Sample ID: 240-213135-1**
Date Collected: 10/15/24 10:55 — **Matrix: Solid**
Date Received: 10/15/24 16:11

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	Moisture		1	631154	GZF4	EET CLE	10/16/24 17:28
ASTM Leach	Leach	D3987-85			564898	UNWS	ELLE	10/18/24 15:37 - 10/19/24 07:37 [1]
ASTM Leach	Analysis	OIA-1677		1	567099	UJE2	ELLE	10/23/24 17:54

Client Sample ID: SB-17-10.0-12.0 — **Lab Sample ID: 240-213135-1**
Date Collected: 10/15/24 10:55 — **Matrix: Solid**
Date Received: 10/15/24 16:11 — **Percent Solids: 86.7**

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5030C			631687	TJL2	EET CLE	10/21/24 10:32
Total/NA	Analysis	8260D		1	631586	TJL2	EET CLE	10/21/24 13:22
Total/NA	Prep	3546			631395	BV1	EET CLE	10/18/24 08:17
Total/NA	Analysis	8270E		1	631570	LKG	EET CLE	10/21/24 18:39
Total/NA	Prep	3546			632072	NPR	EET CLE	10/23/24 09:27
Total/NA	Analysis	8082A		1	632255	MBB	EET CLE	10/24/24 18:41
Total/NA	Prep	3050B			631274	DEE	EET CLE	10/17/24 15:00
Total/NA	Analysis	6010D		1	631477	RKT	EET CLE	10/18/24 22:28
Total/NA	Prep	7471B			631276	DEE	EET CLE	10/17/24 15:00
Total/NA	Analysis	7471B		1	631492	TQ6W	EET CLE	10/18/24 10:29
Total/NA	Prep	3060A			568197	UDS7	ELLE	10/26/24 02:33
Total/NA	Analysis	7196A		1	568330	UDS7	ELLE	10/27/24 07:02
Total/NA	Prep	9012B			631936	C5SV	EET CLE	10/22/24 13:55
Total/NA	Analysis	9012B		1	632014	C5SV	EET CLE	10/22/24 17:01

Client Sample ID: SB-17-14.0-16.0 — **Lab Sample ID: 240-213135-2**
Date Collected: 10/15/24 11:00 — **Matrix: Solid**
Date Received: 10/15/24 16:11

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	Moisture		1	631154	GZF4	EET CLE	10/16/24 17:29
ASTM Leach	Leach	D3987-85			564898	UNWS	ELLE	10/18/24 15:37 - 10/19/24 07:37 [1]
ASTM Leach	Analysis	OIA-1677		1	567099	UJE2	ELLE	10/23/24 18:06

Client Sample ID: SB-17-14.0-16.0 — **Lab Sample ID: 240-213135-2**
Date Collected: 10/15/24 11:00 — **Matrix: Solid**
Date Received: 10/15/24 16:11 — **Percent Solids: 86.0**

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5030C			631687	TJL2	EET CLE	10/21/24 10:32
Total/NA	Analysis	8260D		1	631586	TJL2	EET CLE	10/21/24 13:43
Total/NA	Prep	3546			631395	BV1	EET CLE	10/18/24 08:17
Total/NA	Analysis	8270E		1	631570	LKG	EET CLE	10/21/24 19:27
Total/NA	Prep	3546			631672	L6TL	EET CLE	10/21/24 09:59
Total/NA	Analysis	8082A		1	631741	LSH	EET CLE	10/21/24 20:45

Client Sample ID: SB-17-14.0-16.0

Lab Sample ID: 240-213135-2

Date Collected: 10/15/24 11:00

Matrix: Solid

Date Received: 10/15/24 16:11

Percent Solids: 86.0

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	3050B			631274	DEE	EET CLE	10/17/24 15:00
Total/NA	Analysis	6010D		1	631477	RKT	EET CLE	10/18/24 22:32
Total/NA	Prep	7471B			631276	DEE	EET CLE	10/17/24 15:00
Total/NA	Analysis	7471B		1	631492	TQ6W	EET CLE	10/18/24 10:31
Total/NA	Prep	3060A			568197	UDS7	ELLE	10/26/24 02:33
Total/NA	Analysis	7196A		1	568330	UDS7	ELLE	10/27/24 07:02
Total/NA	Prep	9012B			631936	C5SV	EET CLE	10/22/24 13:55
Total/NA	Analysis	9012B		1	632014	C5SV	EET CLE	10/22/24 17:03

Client Sample ID: SB-19-6.0-8.0

Lab Sample ID: 240-213135-3

Date Collected: 10/15/24 09:15

Matrix: Solid

Date Received: 10/15/24 16:11

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	Moisture		1	631154	GZF4	EET CLE	10/16/24 17:30
ASTM Leach	Leach	D3987-85			564898	UNWS	ELLE	10/18/24 15:37 - 10/19/24 07:37 [1]
ASTM Leach	Analysis	OIA-1677		1	567099	UJE2	ELLE	10/23/24 17:59

Client Sample ID: SB-19-6.0-8.0

Lab Sample ID: 240-213135-3

Date Collected: 10/15/24 09:15

Matrix: Solid

Date Received: 10/15/24 16:11

Percent Solids: 89.4

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5030C			631687	TJL2	EET CLE	10/21/24 10:32
Total/NA	Analysis	8260D		1	631586	TJL2	EET CLE	10/21/24 14:05
Total/NA	Prep	3546			631395	BV1	EET CLE	10/18/24 08:17
Total/NA	Analysis	8270E		1	631782	LKG	EET CLE	10/22/24 10:27
Total/NA	Prep	3546			631672	L6TL	EET CLE	10/21/24 09:59
Total/NA	Analysis	8082A		1	631741	LSH	EET CLE	10/21/24 21:01
Total/NA	Prep	3050B			631274	DEE	EET CLE	10/17/24 15:00
Total/NA	Analysis	6010D		1	631477	RKT	EET CLE	10/18/24 22:37
Total/NA	Prep	7471B			631276	DEE	EET CLE	10/17/24 15:00
Total/NA	Analysis	7471B		1	631492	TQ6W	EET CLE	10/18/24 10:36
Total/NA	Prep	3060A			568197	UDS7	ELLE	10/26/24 02:33
Total/NA	Analysis	7196A		1	568330	UDS7	ELLE	10/27/24 07:02
Total/NA	Prep	9012B			631936	C5SV	EET CLE	10/22/24 13:55
Total/NA	Analysis	9012B		1	632014	C5SV	EET CLE	10/22/24 17:05

Client Sample ID: SB-19-14.0-16.0

Lab Sample ID: 240-213135-4

Date Collected: 10/15/24 09:25

Matrix: Solid

Date Received: 10/15/24 16:11

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	Moisture		1	631154	GZF4	EET CLE	10/16/24 17:31

Client Sample ID: SB-19-14.0-16.0

Lab Sample ID: 240-213135-4

Date Collected: 10/15/24 09:25

Matrix: Solid

Date Received: 10/15/24 16:11

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
ASTM Leach	Leach	D3987-85			564898	UNWS	ELLE	10/18/24 15:37 - 10/19/24 07:37 [1]
ASTM Leach	Analysis	OIA-1677		1	567099	UJE2	ELLE	10/23/24 18:04

Client Sample ID: SB-19-14.0-16.0

Lab Sample ID: 240-213135-4

Date Collected: 10/15/24 09:25

Matrix: Solid

Date Received: 10/15/24 16:11

Percent Solids: 84.4

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5030C			631687	TJL2	EET CLE	10/21/24 10:32
Total/NA	Analysis	8260D		1	631586	TJL2	EET CLE	10/21/24 14:26
Total/NA	Prep	3546			631395	BV1	EET CLE	10/18/24 08:17
Total/NA	Analysis	8270E		1	631782	LKG	EET CLE	10/22/24 10:51
Total/NA	Prep	3546			631672	L6TL	EET CLE	10/21/24 09:59
Total/NA	Analysis	8082A		1	631741	LSH	EET CLE	10/21/24 21:17
Total/NA	Prep	3050B			631274	DEE	EET CLE	10/17/24 15:00
Total/NA	Analysis	6010D		1	631477	RKT	EET CLE	10/18/24 22:49
Total/NA	Prep	7471B			631276	DEE	EET CLE	10/17/24 15:00
Total/NA	Analysis	7471B		1	631492	TQ6W	EET CLE	10/18/24 10:38
Total/NA	Prep	3060A			568197	UDS7	ELLE	10/26/24 02:33
Total/NA	Analysis	7196A		1	568330	UDS7	ELLE	10/27/24 07:02
Total/NA	Prep	9012B			631936	C5SV	EET CLE	10/22/24 13:55
Total/NA	Analysis	9012B		1	632014	C5SV	EET CLE	10/22/24 17:10

Client Sample ID: SB-DUP-1.0

Lab Sample ID: 240-213135-5

Date Collected: 10/15/24 00:00

Matrix: Solid

Date Received: 10/15/24 16:11

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	Moisture		1	631154	GZF4	EET CLE	10/16/24 17:32
ASTM Leach	Leach	D3987-85			564898	UNWS	ELLE	10/18/24 15:37 - 10/19/24 07:37 [1]
ASTM Leach	Analysis	OIA-1677		1	567099	UJE2	ELLE	10/23/24 18:09

Client Sample ID: SB-DUP-1.0

Lab Sample ID: 240-213135-5

Date Collected: 10/15/24 00:00

Matrix: Solid

Date Received: 10/15/24 16:11

Percent Solids: 87.9

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5030C			631687	TJL2	EET CLE	10/21/24 10:32
Total/NA	Analysis	8260D		1	631586	TJL2	EET CLE	10/21/24 14:48
Total/NA	Prep	3546			631395	BV1	EET CLE	10/18/24 08:17
Total/NA	Analysis	8270E		1	631782	LKG	EET CLE	10/22/24 11:15
Total/NA	Prep	3546			631672	L6TL	EET CLE	10/21/24 09:59
Total/NA	Analysis	8082A		1	631741	LSH	EET CLE	10/21/24 21:32
Total/NA	Prep	3050B			631274	DEE	EET CLE	10/17/24 15:00
Total/NA	Analysis	6010D		1	631477	RKT	EET CLE	10/18/24 22:54

Client Sample ID: SB-DUP-1.0

Lab Sample ID: 240-213135-5

Date Collected: 10/15/24 00:00

Matrix: Solid

Date Received: 10/15/24 16:11

Percent Solids: 87.9

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	7471B			631276	DEE	EET CLE	10/17/24 15:00
Total/NA	Analysis	7471B		1	631492	TQ6W	EET CLE	10/18/24 10:39
Total/NA	Prep	3060A			568197	UDS7	ELLE	10/26/24 02:33
Total/NA	Analysis	7196A		1	568330	UDS7	ELLE	10/27/24 07:02
Total/NA	Prep	9012B			631936	C5SV	EET CLE	10/22/24 13:55
Total/NA	Analysis	9012B		1	632014	C5SV	EET CLE	10/22/24 17:12

Client Sample ID: TB-2-20241014

Lab Sample ID: 240-213135-6

Date Collected: 10/15/24 00:00

Matrix: Water

Date Received: 10/15/24 16:11

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260D		1	632577	MDH	EET CLE	10/26/24 13:46

Client Sample ID: SB-16-12.0-14.0

Lab Sample ID: 240-213135-7

Date Collected: 10/14/24 15:25

Matrix: Solid

Date Received: 10/15/24 16:11

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	Moisture		1	631154	GZF4	EET CLE	10/16/24 17:33
ASTM Leach	Leach	D3987-85			564898	UNWS	ELLE	10/18/24 15:37 - 10/19/24 07:37 [1]
ASTM Leach	Analysis	OIA-1677		1	566770	UJE2	ELLE	10/22/24 12:27

Client Sample ID: SB-16-12.0-14.0

Lab Sample ID: 240-213135-7

Date Collected: 10/14/24 15:25

Matrix: Solid

Date Received: 10/15/24 16:11

Percent Solids: 88.2

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5030C			631687	TJL2	EET CLE	10/21/24 10:32
Total/NA	Analysis	8260D		1	631586	TJL2	EET CLE	10/21/24 15:09
Total/NA	Prep	3546			631395	BV1	EET CLE	10/18/24 08:17
Total/NA	Analysis	8270E		1	631782	LKG	EET CLE	10/22/24 11:39
Total/NA	Prep	3546			631672	L6TL	EET CLE	10/21/24 09:59
Total/NA	Analysis	8082A		1	631741	LSH	EET CLE	10/21/24 21:48
Total/NA	Prep	3050B			631274	DEE	EET CLE	10/17/24 15:00
Total/NA	Analysis	6010D		1	631477	RKT	EET CLE	10/18/24 22:58
Total/NA	Prep	7471B			631276	DEE	EET CLE	10/17/24 15:00
Total/NA	Analysis	7471B		1	631492	TQ6W	EET CLE	10/18/24 10:41
Total/NA	Prep	3060A			568197	UDS7	ELLE	10/26/24 02:33
Total/NA	Analysis	7196A		1	568330	UDS7	ELLE	10/27/24 07:02
Total/NA	Prep	9012B			631936	C5SV	EET CLE	10/22/24 13:55
Total/NA	Analysis	9012B		1	632014	C5SV	EET CLE	10/22/24 17:13

Client Sample ID: SB-16-4.0-6.0 — **Lab Sample ID: 240-213135-8**
Date Collected: 10/14/24 15:15 — **Matrix: Solid**
Date Received: 10/15/24 16:11

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	Moisture		1	631154	GZF4	EET CLE	10/16/24 17:34
ASTM Leach	Leach	D3987-85			564898	UNWS	ELLE	10/18/24 15:37 - 10/19/24 07:37 [1]
ASTM Leach	Analysis	OIA-1677		1	566770	UJE2	ELLE	10/22/24 13:55

Client Sample ID: SB-16-4.0-6.0 — **Lab Sample ID: 240-213135-8**
Date Collected: 10/14/24 15:15 — **Matrix: Solid**
Date Received: 10/15/24 16:11 — **Percent Solids: 81.6**

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5030C			631687	TJL2	EET CLE	10/21/24 10:32
Total/NA	Analysis	8260D		1	631586	TJL2	EET CLE	10/21/24 15:30
Total/NA	Prep	3546			631395	BV1	EET CLE	10/18/24 08:17
Total/NA	Analysis	8270E		1	631782	LKG	EET CLE	10/22/24 12:03
Total/NA	Prep	3546			631672	L6TL	EET CLE	10/21/24 09:59
Total/NA	Analysis	8082A		1	631741	LSH	EET CLE	10/21/24 22:04
Total/NA	Prep	3050B			631274	DEE	EET CLE	10/17/24 15:00
Total/NA	Analysis	6010D		1	631477	RKT	EET CLE	10/18/24 23:03
Total/NA	Prep	7471B			631276	DEE	EET CLE	10/17/24 15:00
Total/NA	Analysis	7471B		1	631492	TQ6W	EET CLE	10/18/24 10:43
Total/NA	Prep	3060A			568197	UDS7	ELLE	10/26/24 02:33
Total/NA	Analysis	7196A		1	568330	UDS7	ELLE	10/27/24 07:02
Total/NA	Prep	9012B			631936	C5SV	EET CLE	10/22/24 13:55
Total/NA	Analysis	9012B		1	632014	C5SV	EET CLE	10/22/24 17:15

Client Sample ID: SB-20-4.0-6.0 — **Lab Sample ID: 240-213135-9**
Date Collected: 10/15/24 13:00 — **Matrix: Solid**
Date Received: 10/15/24 16:11

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	Moisture		1	631154	GZF4	EET CLE	10/16/24 17:36
ASTM Leach	Leach	D3987-85			564898	UNWS	ELLE	10/18/24 15:37 - 10/19/24 07:37 [1]
ASTM Leach	Analysis	OIA-1677		1	567099	UJE2	ELLE	10/23/24 17:56

Client Sample ID: SB-20-4.0-6.0 — **Lab Sample ID: 240-213135-9**
Date Collected: 10/15/24 13:00 — **Matrix: Solid**
Date Received: 10/15/24 16:11 — **Percent Solids: 91.0**

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5030C			631687	TJL2	EET CLE	10/21/24 10:32
Total/NA	Analysis	8260D		1	631586	TJL2	EET CLE	10/21/24 15:52
Total/NA	Prep	3546			631395	BV1	EET CLE	10/18/24 08:17
Total/NA	Analysis	8270E		1	631782	LKG	EET CLE	10/22/24 12:27
Total/NA	Prep	3546			631672	L6TL	EET CLE	10/21/24 09:59
Total/NA	Analysis	8082A		1	631741	LSH	EET CLE	10/21/24 22:19

Lab Chronicle

Client: August Mack Environmental, Inc.
Project/Site: MSC Canfield

Job ID: 240-213135-1

Client Sample ID: SB-20-4.0-6.0

Lab Sample ID: 240-213135-9

Date Collected: 10/15/24 13:00
Matrix: Solid
Date Received: 10/15/24 16:11
Percent Solids: 91.0

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	3050B			631274	DEE	EET CLE	10/17/24 15:00
Total/NA	Analysis	6010D		1	631477	RKT	EET CLE	10/18/24 23:07
Total/NA	Prep	7471B			631276	DEE	EET CLE	10/17/24 15:00
Total/NA	Analysis	7471B		1	631492	TQ6W	EET CLE	10/18/24 10:44
Total/NA	Prep	3060A			568197	UDS7	ELLE	10/26/24 02:33
Total/NA	Analysis	7196A		1	568330	UDS7	ELLE	10/27/24 07:02
Total/NA	Prep	9012B			631936	C5SV	EET CLE	10/22/24 13:55
Total/NA	Analysis	9012B		1	632014	C5SV	EET CLE	10/22/24 17:28

Client Sample ID: SB-20-14.0-16.0

Lab Sample ID: 240-213135-10

Date Collected: 10/15/24 13:20
Matrix: Solid
Date Received: 10/15/24 16:11

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	Moisture		1	631154	GZF4	EET CLE	10/16/24 17:37
ASTM Leach	Leach	D3987-85			564898	UNWS	ELLE	10/18/24 15:37 - 10/19/24 07:37 [1]
ASTM Leach	Analysis	OIA-1677		1	566770	UJE2	ELLE	10/22/24 12:29

Client Sample ID: SB-20-14.0-16.0

Lab Sample ID: 240-213135-10

Date Collected: 10/15/24 13:20
Matrix: Solid
Date Received: 10/15/24 16:11
Percent Solids: 87.4

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5030C			631687	TJL2	EET CLE	10/21/24 10:32
Total/NA	Analysis	8260D		1	631586	TJL2	EET CLE	10/21/24 16:13
Total/NA	Prep	3546			631395	BV1	EET CLE	10/18/24 08:17
Total/NA	Analysis	8270E		1	631782	LKG	EET CLE	10/22/24 12:51
Total/NA	Prep	3546			631672	L6TL	EET CLE	10/21/24 09:59
Total/NA	Analysis	8082A		1	631741	LSH	EET CLE	10/21/24 22:35
Total/NA	Prep	3050B			631274	DEE	EET CLE	10/17/24 15:00
Total/NA	Analysis	6010D		1	631477	RKT	EET CLE	10/18/24 23:11
Total/NA	Prep	7471B			631276	DEE	EET CLE	10/17/24 15:00
Total/NA	Analysis	7471B		1	631492	TQ6W	EET CLE	10/18/24 10:46
Total/NA	Prep	3060A			568197	UDS7	ELLE	10/26/24 02:33
Total/NA	Analysis	7196A		1	568330	UDS7	ELLE	10/27/24 07:02
Total/NA	Prep	9012B			631936	C5SV	EET CLE	10/22/24 13:55
Total/NA	Analysis	9012B		1	632014	C5SV	EET CLE	10/22/24 17:30

[1] This procedure uses a method stipulated length of time for the process. Both start and end times are displayed.

Laboratory References:

EET CLE = Eurofins Cleveland, 180 S. Van Buren Avenue, Barberton, OH 44203, TEL (330)497-9396

ELLE = Eurofins Lancaster Laboratories Environment Testing, LLC, 2425 New Holland Pike, Lancaster, PA 17601, TEL (717)656-2300

Accreditation/Certification Summary

Client: August Mack Environmental, Inc.
Project/Site: MSC Canfield

Job ID: 240-213135-1

Laboratory: Eurofins Cleveland

All accreditations/certifications held by this laboratory are listed. Not all accreditations/certifications are applicable to this report.

Authority	Program	Identification Number	Expiration Date
California	State	2927	02-28-25
Connecticut	State	PH-0806	12-31-26
Georgia	State	4062	02-27-25
Illinois	NELAP	200004	08-31-25
Iowa	State	421	06-01-25
Kentucky (UST)	State	112225	02-27-25
Kentucky (WW)	State	KY98016	12-30-24
Minnesota	NELAP	039-999-348	12-31-24
New Hampshire	NELAP	225024	09-30-25
New Jersey	NELAP	OH001	07-03-25
New York	NELAP	10975	04-02-25
Ohio VAP	State	ORELAP 4062	02-27-25
Oregon	NELAP	4062	02-27-25
Pennsylvania	NELAP	68-00340	08-31-25
Texas	NELAP	T104704517-22-19	08-31-25
USDA	US Federal Programs	P330-18-00281	01-05-27
Virginia	NELAP	460175	09-14-25
West Virginia DEP	State	210	12-31-24

Laboratory: Eurofins Lancaster Laboratories Environment Testing, LLC

All accreditations/certifications held by this laboratory are listed. Not all accreditations/certifications are applicable to this report.

Authority	Program	Identification Number	Expiration Date
A2LA	Dept. of Defense ELAP	0001.01	11-30-26
A2LA	ISO/IEC 17025	0001.01	11-30-26
Alabama	State	43200	01-31-25
Alaska	State	PA00009	06-30-25
Alaska (UST)	State	17-027	02-28-25
Arizona	State	AZ0780	03-12-25
Arkansas DEQ	State	88-00660	08-09-25
California	State	2792	11-30-24
Colorado	State	PA00009	06-30-25
Connecticut	State	PH-0746	06-30-25
DE Haz. Subst. Cleanup Act (HSCA)	State	019-006 (PA cert)	01-31-25
Delaware (DW)	State	N/A	01-31-25
Florida	NELAP	E87997	06-30-25
Georgia (DW)	State	C048	01-31-25
Hawaii	State	N/A	01-31-25
Illinois	NELAP	200027	01-31-25
Iowa	State	361	03-01-26
Kansas	NELAP	E-10151	10-31-24
Kentucky (DW)	State	KY90088	12-31-24
Kentucky (UST)	State	0001.01	11-30-26
Kentucky (WW)	State	KY90088	12-31-24
Louisiana (All)	NELAP	02055	06-30-25
Maine	State	2019012	03-12-25
Maryland	State	100	06-30-25
Massachusetts	State	M-PA009	06-30-25
Michigan	State	9930	01-31-25
Minnesota	NELAP	042-999-487	12-31-24

Accreditation/Certification Summary

Client: August Mack Environmental, Inc.
Project/Site: MSC Canfield

Job ID: 240-213135-1

Laboratory: Eurofins Lancaster Laboratories Environment Testing, LLC (Continued)

All accreditations/certifications held by this laboratory are listed. Not all accreditations/certifications are applicable to this report.

Authority	Program	Identification Number	Expiration Date
Mississippi	State	023	01-31-25
Missouri	State	450	01-31-25
Montana (DW)	State	0098	01-01-25
Nebraska	State	NE-OS-32-17	01-31-25
New Hampshire	NELAP	2730	01-10-25
New Jersey	NELAP	PA011	06-30-25
New York	NELAP	10670	04-01-25
North Carolina (DW)	State	42705	07-31-25
North Carolina (WW/SW)	State	521	12-31-25
North Dakota	State	R-205	01-31-24 *
Oklahoma	NELAP	9804	08-31-24 *
Oregon	NELAP	PA200001	09-11-25
Pennsylvania	NELAP	36-00037	01-31-25
Quebec Ministry of Environment and Fight against Climate Change	PALA	507	09-16-29
Rhode Island	State	LAO00338	12-30-24
South Carolina	State	89002	01-31-25
Tennessee	State	02838	01-31-25
Texas	NELAP	T104704194-23-46	08-31-25
USDA	US Federal Programs	525-22-298-19481	10-25-25
Vermont	State	VT - 36037	10-27-24
Virginia	NELAP	460182	06-14-25
Washington	State	C457	04-11-25
West Virginia (DW)	State	9906 C	01-31-25
West Virginia DEP	State	055	07-31-25
Wyoming	State	8TMS-L	01-31-25
Wyoming (UST)	A2LA	0001.01	11-30-26

* Accreditation/Certification renewal pending - accreditation/certification considered valid.

Chain of Custody Record 728911

1.3
1.4

eurofins | Environment Testing America

TAL-8210

Address: _____

Regulatory Program: ☐ DW ☐ NPDES ☐ RCRA ☐ Other:

Client Contact	Project Manager: Kain Lager-Lowe	Site Contact:	Date:	COC No:
Company Name: AME	Tel/Email: 740-548-1515	Lab Contact:	Carrier:	1 of 2 COCs
Address: 7830 N. Central Dr., STE B	Analysis Turnaround Time			Sampler:
City/State/Zip: Lewis Center, OH, 43035	☐ CALENDAR DAYS ☐ WORKING DAYS			For Lab Use Only:
Phone: 740-548-1515	TAT if different from Below _____			Walk-in Client:
Fax:	☐ 2 weeks			Lab Sampling:
Project Name:	☐ 1 week			
Site: MSC Canfield	☐ 2 days			Job / SDG No.:
PO# SY2380	☐ 1 day			

Sample Identification	Sample Date	Sample Time	Sample Type (C=Comp, G=Grab)	Matrix	# of Cont.	Filtered Sample (Y/N)	Perform MS/MSD (Y/N)	8260b-VOCs	8270E-SVOCs	8082A-PCBs	6010D,7471B-Resolve 2A	9012B-Tot. CN	7196A-Cr6	1677-Free Cn	Sample Specific Notes:
SB-17-10.0-12.0	10/15/24	1055	G	Solid	6	N	N	X	X	X	X	X	X	X	
SB-17-14.0-16.0		1100	G	Solid	6	N	N	X	X	X	X	X	X	X	
SB-19-6.0-8.0		0915	G	Solid	6	N	N	X	X	X	X	X	X	X	
SB-19-14.0-16.0		0925	G	Solid	6	N	N	X	X	X	X	X	X	X	
SB-Dup-1.0		\	G	Solid	6	N	N	X	X	X	X	X	X	X	
TB-20241014		\	G	Water	1			X							
SB-16-12.0-14.0	10/14/24	1525	G	Solid	6	N	N	X	X	X	X	X	X	X	
SB-16-4.0-6.0	10/14/24	1515	G	Solid	6	N	N	X	X	X	X	X	X	X	
SB-20-4.0-6.0	10/15/24	1300	G	Solid	6	N	N	X	X	X	X	X	X	X	
SB-20-14.0-16.0	10/15/24	1320	G	Solid	6	N	N	X	X	X	X	X	X	X	

240-213135 Chain of Custody

Preservation Used: 1= Ice, 2= HCl; 3= H2SO4; 4=HNO3; 5=NaOH; 6= Other _____

Possible Hazard Identification:
Are any samples from a listed EPA Hazardous Waste? Please List any EPA Waste Codes for the sample in the Comments Section if the lab is to dispose of the sample.

☐ Non-Hazard ☐ Flammable ☐ Skin Irritant ☐ Poison B ☐ Unknown

Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)

☐ Return to Client ☐ Disposal by Lab ☐ Archive for_____ Months

Special Instructions/QC Requirements & Comments:

Custody Seals Intact: ☐ Yes ☐ No	Custody Seal No.:	Cooler Temp. (°C): Obs'd:_____ Corr'd:_____	Therm ID No.:_____

Relinquished by:	Company:	Date/Time:	Received by:	Company:	Date/Time:
Nathan Byrd	AME	10/15/24 1502		EVR	10/15/24 3:02PM
Relinquished by:	Company:	Date/Time:	Received by:	Company:	Date/Time:
	EVR	10/15/24 4:11PM	KATHARINE MARTIN	EVR	10/16/24 800 KM
Relinquished by:	Company:	Date/Time:	Received in Laboratory by:	Company:	Date/Time:
					10/15/24 4:11

Eurofins – Cleveland Sample Receipt Form/Narrative Login # : 213135
Barberton Facility

Client AME Site Name

Cooler unpacked by: KM

Cooler Received on 10/16/24 Opened on 10/16/24

FedEx: 1st Grd Exp UPS FAS ~~Waypoint~~ Client Drop Off ~~Eurofins Courier~~ Other

Receipt After-hours Drop-off Date/Time KM Storage Location

Eurofins Cooler # EC Foam Box Client Cooler Box Other

Packing material used. Bubble Wrap Foam ~~Plastic Bag~~ None Other

COOLANT: ~~Wet Ice~~ Blue Ice Dry Ice Water None

1 Cooler temperature upon receipt ☐ See Multiple Cooler Form

IR GUN # 17 (CF +0.1 °C) Observed Cooler Temp. 1.3 °C Corrected Cooler Temp 1.4 °C

2. Were tamper/custody seals on the outside of the cooler(s)? If Yes Quantity	Yes ~~No~~	**Tests that are not checked for pH by Receiving:**
-Were the seals on the outside of the cooler(s) signed & dated?	Yes No ~~NA~~	
-Were tamper/custody seals on the bottle(s) or bottle kits (LLHg/MeHg)?	Yes ~~No~~	**VOAs**
-Were tamper/custody seals intact and uncompromised?	Yes No ~~NA~~	**Oil and Grease**
3 Shippers' packing slip attached to the cooler(s)?	Yes ~~No~~	**TOC**
4. Did custody papers accompany the sample(s)?	~~Yes~~ No	
5 Were the custody papers relinquished & signed in the appropriate place?	~~Yes~~ No	
6. Was/were the person(s) who collected the samples clearly identified on the COC?	Yes ~~No~~	
7 Did all bottles arrive in good condition (Unbroken)?	~~Yes~~ No	
8 Could all bottle labels (ID/Date/Time) be reconciled with the COC?	~~Yes~~ No	
9 For each sample, does the COC specify preservatives (~~Y~~/N), # of containers (~~Y~~/N), and sample type of grab/comp (~~Y~~/N)?		
10 Were correct bottle(s) used for the test(s) indicated?	~~Yes~~ No	
11 Sufficient quantity received to perform indicated analyses?	~~Yes~~ No	
12. Are these work share samples and all listed on the COC?	Yes ~~No~~	
If yes, Questions 13-17 have been checked at the originating laboratory		
13 Were all preserved sample(s) at the correct pH upon receipt?	Yes No ~~NA~~	pH Strip Lot# HC447997
14. Were VOAs on the COC?	Yes ~~No~~	
15 Were air bubbles >6 mm in any VOA vials? ● ⬅ Larger than this.	Yes No ~~NA~~	
16. Was a VOA trip blank present in the cooler(s)? Trip Blank Lot # 63024	~~Yes~~ No	
17 Was a LL Hg or Me Hg trip blank present?	Yes ~~No~~	

Contacted PM _____ Date _____ by _____ via Verbal Voice Mail Other

Concerning _____

18. CHAIN OF CUSTODY & SAMPLE DISCREPANCIES ☐ additional next page

Samples processed by:

19. SAMPLE CONDITION

Sample(s) _____ were received after the recommended holding time had expired.
Sample(s) _____ were received in a broken container
Sample(s) _____ were received with bubble >6 mm in diameter (Notify PM)

20. SAMPLE PRESERVATION

Sample(s) _____ were further preserved in the laboratory
Time preserved. _____ Preservative(s) added/Lot number(s): _____

VOA Sample Preservation - Date/Time VOAs Frozen. _____

10/16/2024

Login Container Summary Report

240-213135

10/29/2024

Temperature readings _____

Client Sample ID	Lab ID	Container Type	Container pH	Container Temp	Preservation Added	Preservation Lot Number
SB-17 0 0-12 0	240-213135-A-1	SnapCap 1/2 ounce unpreserved				
SB-17 0 0-12 0	240-213135-B-1	Soil jar 2oz - clear glass				
SB-17 0 0-12.0	240-213135-C-1	Soil jar 4oz - clear glass				
SB-17 0 0-12 0	240-213135-D-1	Soil jar 4oz - clear glass				
SB-17 0 0-12 0	240-213135-E-1	Soil jar 4oz - clear glass				
SB-17 0 0-12 0	240-213135-F-1	Soil jar 4oz - clear glass				
SB-17 0 0-12 0	240-213135-G-1	Soil jar 4oz - clear glass				
SB-17-14 0-16 0	240-213135-A-2	SnapCap 1/2 ounce unpreserved				
SB-17-14 0-16 0	240-213135-B-2	Soil jar 2oz - clear glass				
SB-17-14 0-16 0	240-213135-C-2	Soil jar 4oz - clear glass				
SB-17-14 0-16.0	240-213135-D-2	Soil jar 4oz - clear glass				
SB-17-14 0-16 0	240-213135-E-2	Soil jar 4oz - clear glass				
SB-17-14 0-16 0	240-213135-F-2	Soil jar 4oz - clear glass				
SB-17-14 0-16 0	240-213135-G-2	Soil jar 4oz - clear glass				
SB-19-6 0-8 0	240-213135-A-3	SnapCap 1/2 ounce unpreserved				
SB-19-6 0-8 0	240-213135-B-3	Soil jar 2oz - clear glass				
SB-19-6 0-8.0	240-213135-C-3	Soil jar 4oz - clear glass				
SB-19-6 0-8 0	240-213135-D-3	Soil jar 4oz - clear glass				
SB-19-6.0-8 0	240-213135-E-3	Soil jar 4oz - clear glass				
SB-19-6 0-8 0	240-213135-F-3	Soil jar 4oz - clear glass				
SB-19-6 0-8 0	240-213135-G-3	Soil jar 4oz - clear glass				
SB-19-14 0-16 0	240-213135-A-4	SnapCap 1/2 ounce unpreserved				
SB-19-14 0-16 0	240-213135-B-4	Soil jar 2oz - clear glass				
SB-19-14 0-16 0	240-213135-C-4	Soil jar 4oz - clear glass				
SB-19-14 0-16 0	240-213135-D-4	Soil jar 4oz - clear glass				
SB-19-14 0-16 0	240-213135-E-4	Soil jar 4oz - clear glass				
SB-19-14 0-16 0	240-213135-F-4	Soil jar 4oz - clear glass				
SB-19-14 0-16 0	240-213135-G-4	Soil jar 4oz - clear glass				
SB-DUP-1 0	240-213135-A-5	SnapCap 1/2 ounce unpreserved				
SB-DUP-1 0	240-213135-B-5	Soil jar 2oz - clear glass				
SB-DUP-1 0	240-213135-C-5	Soil jar 4oz - clear glass				
SB-DUP-1 0	240-213135-D-5	Soil jar 4oz - clear glass				
SB-DUP-1 0	240-213135-E-5	Soil jar 4oz - clear glass				
SB-DUP-1 0	240-213135-F-5	Soil jar 4oz - clear glass				
SB-DUP-1 0	240-213135-G-5	Soil jar 4oz - clear glass				

Client Sample ID	Lab ID	Container Type	Container pH	Container Temp	Preservation Added	Preservation Lot Number
TB-2-20241014	240-213135-A-6	Voa Vial 40ml - Hydrochloric Acid				
SB-16-12 0-14 0	240-213135-A-7	SnapCap 1/2 ounce unpreserved				
SB-16-12 0-14 0	240-213135-B-7	Soil jar 2oz - clear glass				
SB-16-12.0-14 0	240-213135-C-7	Soil jar 4oz - clear glass				
SB-16-12 0-14 0	240-213135-D-7	Soil jar 4oz - clear glass				
SB-16-12.0-14 0	240-213135-E-7	Soil jar 4oz - clear glass				
SB-16-12 0-14 0	240-213135-F-7	Soil jar 4oz - clear glass				
SB-16-12 0-14 0	240-213135-G-7	Soil jar 4oz - clear glass				
SB-16-4 0-6 0	240-213135-A-8	SnapCap 1/2 ounce unpreserved				
SB-16-4 0-6 0	240-213135-B-8	Soil jar 2oz - clear glass				
SB-16-4 0-6 0	240-213135-C-8	Soil jar 4oz - clear glass				
SB-16-4 0-6 0	240-213135-D-8	Soil jar 4oz - clear glass				
SB-16-4 0-6 0	240-213135-E-8	Soil jar 4oz - clear glass				
SB-16-4 0-6 0	240-213135-F-8	Soil jar 4oz - clear glass				
SB-16-4 0-6 0	240-213135-G-8	Soil jar 4oz - clear glass				
SB-20-4 0-6 0	240-213135-A-9	SnapCap 1/2 ounce unpreserved				
SB-20-4 0-6 0	240-213135-B-9	Soil jar 2oz - clear glass				
SB-20-4 0-6 0	240-213135-C-9	Soil jar 4oz - clear glass				
SB-20-4 0-6 0	240-213135-D-9	Soil jar 4oz - clear glass				
SB-20-4 0-6 0	240-213135-E-9	Soil jar 4oz - clear glass				
SB-20-4 0-6 0	240-213135-F-9	Soil jar 4oz - clear glass				
SB-20-4 0-6 0	240-213135-G-9	Soil jar 4oz - clear glass				
SB-20-14 0-16 0	240-213135-A-10	SnapCap 1/2 ounce unpreserved				
SB-20-14 0-16 0	240-213135-B-10	Soil jar 2oz - clear glass				
SB-20-14 0-16 0	240-213135-C-10	Soil jar 4oz - clear glass				
SB-20-14 0-16 0	240-213135-D-10	Soil jar 4oz - clear glass				
SB-20-14 0-16 0	240-213135-E-10	Soil jar 4oz - clear glass				
SB-20-14 0-16 0	240-213135-F-10	Soil jar 4oz - clear glass				
SB-20-14 0-16 0	240-213135-G-10	Soil jar 4oz - clear glass				

Eurofins Cleveland
180 S. Van Buren Avenue
Barberton, OH 44203
Phone: 330-497-9396 Fax: 330-497-0772

Chain of Custody Record

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Client Information (Sub Contract Lab)	Sampler:	Lab PM: Kalis, Nicole A	Carrier Tracking No(s):	COC No: 240-192221.1
Client Contact: Shipping/Receiving	Phone:	E-Mail: Nicole.Kalis@et.eurofinsus.com	State of Origin: Ohio	Page: Page 1 of 1
Company: Eurofins Lancaster Laboratories Environm		Accreditations Required (See note):		Job #: 240-213135-1
Address: 2425 New Holland Pike,	Due Date Requested: 10/28/2024	Analysis Requested		Preservation Codes:
City: Lancaster	TAT Requested (days):			
State, Zip: PA, 17601				
Phone: 717-656-2300(Tel)	PO #:			
Email:	WO #:			
Project Name: MSC Canfield	Project #: 24033889			
Site:	SSOW#:			Other:

Sample Identification - Client ID (Lab ID)	Sample Date	Sample Time	Sample Type (C=comp, G=grab)	Matrix (W=water, S=solid, O=waste/oil, BT=Tissue, A=Air)	1677_Free/ASTM_LEACH_NP Cyanide, Free	7196A/3060A Chromium, Hexavalent	Special Instructions/Note:
SB-17.0.0-12.0 (240-213135-1)	10/15/24	10:55 Eastern	G	Solid	X	X	Use caution! Site contaminated with solvent waste
SB-17-14.0-16.0 (240-213135-2)	10/15/24	11:00 Eastern	G	Solid	X	X	Use caution! Site contaminated with solvent waste
SB-19-6.0-8.0 (240-213135-3)	10/15/24	09:15 Eastern	G	Solid	X	X	Use caution! Site contaminated with solvent waste
SB-19-14.0-16.0 (240-213135-4)	10/15/24	09:25 Eastern	G	Solid	X	X	Use caution! Site contaminated with solvent waste
SB-DUP-1.0 (240-213135-5)	10/15/24	Eastern	G	Solid	X	X	Use caution! Site contaminated with solvent waste
SB-16-12.0-14.0 (240-213135-7)	10/14/24	15:25 Eastern	G	Solid	X	X	Use caution! Site contaminated with solvent waste
SB-16-4.0-6.0 (240-213135-8)	10/14/24	15:15 Eastern	G	Solid	X	X	Use caution! Site contaminated with solvent waste
SB-20-4.0-6.0 (240-213135-9)	10/15/24	13:00 Eastern	G	Solid	X	X	Use caution! Site contaminated with solvent waste
SB-20-14.0-16.0 (240-213135-10)	10/15/24	13:20 Eastern	G	Solid	X	X	Use caution! Site contaminated with solvent waste

Note: Since laboratory accreditations are subject to change, Eurofins Environment Testing North Central, LLC places the ownership of method, analyte & accreditation compliance upon our subcontract laboratories. This sample shipment is forwarded under chain-of-custody. If the laboratory does not currently maintain accreditation in the State of Origin listed above for analysis/tests/matrix being analyzed, the samples must be shipped back to the Eurofins Environment Testing North Central, LLC laboratory or other instructions will be provided. Any changes to accreditation status should be brought to Eurofins Environment Testing North Central, LLC attention immediately. If all requested accreditations are current to date, return the signed Chain of Custody attesting to said compliance to Eurofins Environment Testing North Central, LLC.

Possible Hazard Identification	*Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)*
Unconfirmed	☐ *Return To Client* ☐ *Disposal By Lab* ☐ *Archive For* _____ *Months*
Deliverable Requested: I, II, III, IV, Other (specify) Primary Deliverable Rank: 2	Special Instructions/QC Requirements:

Empty Kit Relinquished by:	Date:	Time:	Method of Shipment:

	Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company
1	JESSICA RIGDON	10-16-24 1630	EETNC			
2						
3					10/17/24 10:30	ECLET

Custody Seals Intact: Δ Yes Δ No	Custody Seal No.:	Cooler Temperature(s) °C and Other Remarks: R2.7-C2.3 R3.2-C2.8

Ver: 05/06/2024

mb

Login Sample Receipt Checklist

Client: August Mack Environmental, Inc.

Job Number: 240-213135-1

Login Number: 213135
List Number: 2
Creator: Ballard, Megan

List Source: Eurofins Lancaster Laboratories Environment Testing, LLC
List Creation: 10/17/24 02:46 PM

Question	Answer	Comment
The cooler's custody seal is intact.	True	
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	True	
Cooler Temperature acceptable,where thermal pres is required(</=6C, not frozen).	True	
Cooler Temperature is recorded.	True	
WV:Container Temp acceptable,where thermal pres is required (</=6C, not frozen).	N/A	
WV: Container Temperature is recorded.	N/A	
COC is present.	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information.	True	
There are no discrepancies between the containers received and the COC.	True	
Sample containers have legible labels.	True	
Containers are not broken or leaking.	True	
Sample collection date/times are provided.	True	
Appropriate sample containers are used.	True	
Sample bottles are completely filled.	True	
There is sufficient vol. for all requested analyses.	True	
Is the Field Sampler's name present on COC?	False	Received project as a subcontract.
Sample custody seals are intact.	N/A	
VOA sample vials do not have headspace >6mm in diameter (none, if from WV)?	N/A	

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ANALYTICAL REPORT

PREPARED FOR

Attn: Kain Lager-Lowe
August Mack Environmental, Inc.
7830 North Central Drive, Suite B
Lewis Center, Ohio 43035

Generated 10/30/2024 5:50:04 PM

JOB DESCRIPTION

MSC Canfield

JOB NUMBER

240-213229-1

Eurofins Cleveland
180 S. Van Buren Avenue
Barberton OH 44203

See page two for job notes and contact information.

my EOL

Job Notes

This report may not be reproduced except in full, and with written approval from the laboratory. The results relate only to the samples tested. For questions please contact the Project Manager at the e-mail address or telephone number listed on this page.

The test results in this report relate only to the samples as received by the laboratory and will meet all requirements of the methodology, with any exceptions noted. This report shall not be reproduced except in full, without the express written approval of the laboratory. All questions should be directed to the Eurofins Environment Testing North Central, LLC Project Manager.

Authorization



Generated
10/30/2024 5:50:04 PM

Authorized for release by
Nicole Kalis, Project Manager I
Nicole.Kalis@et.eurofinsus.com
(330)497-9396

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Qualifiers

GC/MS VOA

Qualifier	Qualifier Description
B	Compound was found in the blank and sample.
J	Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.

GC/MS Semi VOA

Qualifier	Qualifier Description
*-	LCS and/or LCSD is outside acceptance limits, low biased.
F1	MS and/or MSD recovery exceeds control limits.
J	Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.

Metals

Qualifier	Qualifier Description
B	Compound was found in the blank and sample.
J	Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.

General Chemistry

Qualifier	Qualifier Description
B	Compound was found in the blank and sample.
F1	MS and/or MSD recovery exceeds control limits.
H	Sample was prepped or analyzed beyond the specified holding time. This does not meet regulatory requirements.
J	Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.

Glossary

Abbreviation	These commonly used abbreviations may or may not be present in this report.
☼	Listed under the "D" column to designate that the result is reported on a dry weight basis
%R	Percent Recovery
CFL	Contains Free Liquid
CFU	Colony Forming Unit
CNF	Contains No Free Liquid
DER	Duplicate Error Ratio (normalized absolute difference)
Dil Fac	Dilution Factor
DL	Detection Limit (DoD/DOE)
DL, RA, RE, IN	Indicates a Dilution, Re-analysis, Re-extraction, or additional Initial metals/anion analysis of the sample
DLC	Decision Level Concentration (Radiochemistry)
EDL	Estimated Detection Limit (Dioxin)
LOD	Limit of Detection (DoD/DOE)
LOQ	Limit of Quantitation (DoD/DOE)
MCL	EPA recommended "Maximum Contaminant Level"
MDA	Minimum Detectable Activity (Radiochemistry)
MDC	Minimum Detectable Concentration (Radiochemistry)
MDL	Method Detection Limit
ML	Minimum Level (Dioxin)
MPN	Most Probable Number
MQL	Method Quantitation Limit
NC	Not Calculated
ND	Not Detected at the reporting limit (or MDL or EDL if shown)
NEG	Negative / Absent
POS	Positive / Present
PQL	Practical Quantitation Limit
PRES	Presumptive
QC	Quality Control
RER	Relative Error Ratio (Radiochemistry)
RL	Reporting Limit or Requested Limit (Radiochemistry)
RPD	Relative Percent Difference, a measure of the relative difference between two points
TEF	Toxicity Equivalent Factor (Dioxin)

Glossary (Continued)

Abbreviation	These commonly used abbreviations may or may not be present in this report.
TEQ	Toxicity Equivalent Quotient (Dioxin)
TNTC	Too Numerous To Count

Job ID: 240-213229-1 Eurofins Cleveland

Job Narrative
240-213229-1

Analytical test results meet all requirements of the associated regulatory program listed on the Accreditation/Certification Summary Page unless otherwise noted under the individual analysis. Data qualifiers and/or narrative comments are included to explain any exceptions, if applicable.

- Matrix QC may not be reported if insufficient sample is provided or site-specific QC samples were not submitted. In these situations, to demonstrate precision and accuracy at a batch level, a LCS/LCSD may be performed, unless otherwise specified in the method.
- Surrogate and/or isotope dilution analyte recoveries (if applicable) which are outside of the QC window are confirmed unless attributed to a dilution or otherwise noted in the narrative.

Regulated compliance samples (e.g. SDWA, NPDES) must comply with the associated agency requirements/permits.

Receipt
The samples were received on 10/16/2024 4:16 PM. Unless otherwise noted below, the samples arrived in good condition, and, where required, properly preserved and on ice. The temperatures of the 4 coolers at receipt time were 4.1°C, 5.0°C, 5.0°C and 5.8°C.

GC/MS VOA
Method 8260D: The continuing calibration verification (CCV) analyzed in batch 240-632050 was outside the method criteria for the following analyte(s): 1,1,2,2-Tetrachloroethane, Chloromethane, Dichlorodifluoromethane and Vinyl chloride. A CCV standard at or below the reporting limit (RL) was analyzed with the affected samples and found to be acceptable. As indicated in the reference method, sample analysis may proceed; however, any detection for the affected analyte(s) is considered estimated.

Method 8260D: No MS/MSD due to insufficient sample.

TB-7-20241016 (240-213229-9)

Method 8260D: The following sample(s) was collected in a properly preserved vial; however, the pH was outside the required criteria when verified by the laboratory. The samples were analyzed outside the 7-day holding time specified for unpreserved samples but within the 14-day holding time specified for preserved samples: SB-18-GW-14-24 (240-213229-12) and SB-16-GW-14-24 (240-213229-13).

Method 8260D: The continuing calibration verification (CCV) associated with batch 240-632542 recovered above the upper control limit for Trichlorofluoromethane. The samples associated with this CCV were non-detects for the affected analytes; therefore, the data have been reported. The associated samples are impacted: SB-19-GW-18-28 (240-213229-10), SB-20-GW-14-24 (240-213229-11), SB-18-GW-14-24 (240-213229-12), SB-16-GW-14-24 (240-213229-13), SB-17-GW-18-28 (240-213229-14), (240-213533-B-12), (240-213533-B-12 MS) and (240-213533-B-12 MSD).

Method 8260D: The method blank for analytical batch 240-632542 contained Acetone and Methylene Chloride above the reporting limit (RL). This compound is considered a common laboratory contaminant. The associated samples SB-19-GW-18-28 (240-213229-10), SB-20-GW-14-24 (240-213229-11), SB-18-GW-14-24 (240-213229-12), SB-16-GW-14-24 (240-213229-13), SB-17-GW-18-28 (240-213229-14), (240-213533-B-12), (240-213533-B-12 MS) and (240-213533-B-12 MSD) was not re-extracted and/or re-analyzed because the concentration of the common lab contaminant in the method blank was less than 5 times the RL.

Method 8260D: The method blank for analytical batch 240-632542 contained Toluene above the method detection limit (MDL). Associated samples were not re-analyzed because the method blank results were less than the reporting limit (RL) OR practical quantitation limit (PQL).

Method 8260D: The following sample(s) was collected in a properly preserved vial; however, the pH was outside the required criteria when verified by the laboratory. The sample was analyzed outside the 7-day holding time specified for unpreserved samples but within the 14-day holding time specified for preserved samples: SB-10-GW-18-28 (240-213229-15).

Method 8260D: The continuing calibration verification (CCV) associated with batch 240-632574 recovered above the upper control limit for Bromoform, Bromomethane, Chloroethane and Chloromethane. The samples associated with this CCV were non-detects for the affected analytes; therefore, the data have been reported. The associated samples are impacted: SB-10-GW-18-28 (240-213229-15), TB-4-20241016 (240-213229-16), TB-5-20241016 (240-213229-17) and TB-6-20241016 (240-213229-18).

Job ID: 240-213229-1 (Continued) Eurofins Cleveland

Method 8260D: The continuing calibration verification (CCV) associated with batch 240-631586 recovered above the upper control limit for Dichlorodifluoromethane. The samples associated with this CCV were non-detects for the affected analytes; therefore, the data have been reported.

No additional analytical or quality issues were noted, other than those described above or in the Definitions/ Glossary page.

GC/MS Semi VOA
Method 8270E: Insufficient sample volume was available to perform a matrix spike/matrix spike duplicate (MS/MSD) associated with preparation batch 240-631401.

Method 8270E: The continuing calibration verification (CCV) associated with batch 240-631580 recovered above the upper control limit for 2,4,6-Trichlorophenol. The samples associated with this CCV were non-detects for the affected analyte; therefore, the data have been reported. The following samples were impacted: SB-19-GW-18-28 (240-213229-10), SB-20-GW-14-24 (240-213229-11), SB-18-GW-14-24 (240-213229-12), SB-16-GW-14-24 (240-213229-13), SB-17-GW-18-28 (240-213229-14) and SB-10-GW-18-28 (240-213229-15).

Method 8270E: The method blank for preparation batch 240-631401 contained 2-Methylnaphthalene and Naphthalene above the reporting limit (RL). Associated samples SB-19-GW-18-28 (240-213229-10), SB-20-GW-14-24 (240-213229-11), SB-16-GW-14-24 (240-213229-13), SB-17-GW-18-28 (240-213229-14) and SB-10-GW-18-28 (240-213229-15) did not contain the target compounds; therefore, re-extraction and/or re-analysis of samples were not performed.

Method 8270E: 2-Methylnaphthalene and Naphthalene was detected above the reporting limit (RL) in the method blank associated with prep batch 240-631401 as well as in the following sample: SB-18-GW-14-24 (240-213229-12). The sample was re-extracted and re-analyzed within hold times with the associated method blank meeting acceptance criteria. The Naphthalene and 2-Methylnaphthalene results have been reported from the second extraction.

Method 8270E: The LCS failed acceptance criteria for Benzaldehyde. All other analytes met criteria. With the clients permission the results are narrated and reported. SB-10-4.0-6.0 (240-213229-1), SB-10-10.0-12.0 (240-213229-2), SB-21-12.0-14.0 (240-213229-3), SB-21-16.0-18.0 (240-213229-4), SB-13-18-20 (240-213229-5), SB-13-16-18 (240-213229-7) and SB-DUP-2 (240-213229-8)

No additional analytical or quality issues were noted, other than those described above or in the Definitions/ Glossary page.

PCBs
Method 8082A: Insufficient sample volume was available to perform a matrix spike/matrix spike duplicate (MS/MSD) associated with preparation batch 240-631397.

Method 8082A: The following samples required a tetrabutylammonium sulfite (TBA) clean-up to reduce matrix interferences caused by sulfur: SB-18-GW-14-24 (240-213229-12) and SB-16-GW-14-24 (240-213229-13).

Method 8082A: The following samples required a tetrabutylammonium sulfite (TBA) clean-up to reduce matrix interferences caused by sulfur: (LCS 240-631847/2-A) and (MB 240-631847/1-A).

No additional analytical or quality issues were noted, other than those described above or in the Definitions/ Glossary page.

Metals
No additional analytical or quality issues were noted, other than those described above or in the Definitions/ Glossary page.

General Chemistry
Method 7196A: The following sample(s) was received with less than 2 days remaining on the holding time or less than one shift (8 hours) remaining on a test with a holding time of 48 hours or less. As such, the laboratory had insufficient time remaining to perform the analysis within holding time: SB-17-GW-18-28 (240-213229-14).

Method 7196A: The following sample was diluted due to the nature of the sample matrix: SB-10-GW-18-28 (240-213229-15). Elevated reporting limits (RLs) are provided.

Method 7196A: The following sample(s) was received with less than 2 days remaining on the holding time or less than one shift (8 hours) remaining on a test with a holding time of 48 hours or less. As such, the laboratory had insufficient time remaining to perform the analysis within holding time: SB-16-GW-14-24 (240-213229-13).

Job ID: 240-213229-1 (Continued) Eurofins Cleveland

Method 7196A: The following samples were diluted due to the nature of the sample matrix: SB-19-GW-18-28 (240-213229-10) and SB-16-GW-14-24 (240-213229-13). Elevated reporting limits (RLs) are provided.

Method 7196A: The matrix spike soluble (MSS) recoveries were outside control limits due to sample matrix. The associated laboratory control sample (LCSS/LCSI) recoveries met acceptance criteria.

Method 7196A - Dissolved: The following sample was diluted due to the nature of the sample matrix: SB-10-GW-18-28 (240-213229-15). Elevated reporting limits (RLs) are provided.

Method 7196A - Dissolved: The following sample(s) was received with less than 2 days remaining on the holding time or less than one shift (8 hours) remaining on a test with a holding time of 48 hours or less. As such, the laboratory had insufficient time remaining to perform the analysis within holding time: SB-17-GW-18-28 (240-213229-14).

Method 7196A - Dissolved: The following sample(s) was received with less than 2 days remaining on the holding time or less than one shift (8 hours) remaining on a test with a holding time of 48 hours or less. As such, the laboratory had insufficient time remaining to perform the analysis within holding time: SB-16-GW-14-24 (240-213229-13).

Method 7196A - Dissolved: The following samples were diluted due to the nature of the sample matrix: SB-19-GW-18-28 (240-213229-10) and SB-16-GW-14-24 (240-213229-13). Elevated reporting limits (RLs) are provided.

Method 9012B: The method blank for preparation batch 240-632248 and analytical batch 240-632434 contained cyanide above the method detection limit (MDL). Associated samples were not re-analyzed because the method blank results were less than the reporting limit (RL) OR practical quantitation limit (PQL).

No additional analytical or quality issues were noted, other than those described above or in the Definitions/ Glossary page.

Method Summary

Client: August Mack Environmental, Inc.
Project/Site: MSC Canfield

Job ID: 240-213229-1

Method	Method Description	Protocol	Laboratory
8260D	Volatile Organic Compounds by GC/MS	SW846	EET CLE
8270E	Semivolatile Organic Compounds (GC/MS)	SW846	EET CLE
8082A	Polychlorinated Biphenyls (PCBs) by Gas Chromatography	SW846	EET CLE
6010D	Metals (ICP)	SW846	EET CLE
7470A	Mercury (CVAA)	SW846	EET CLE
7471B	Mercury (CVAA)	SW846	EET CLE
7196A	Chromium, Hexavalent	SW846	EET CLE
7196A	Chromium, Hexavalent	SW846	ELLE
9012B	Cyanide, Total andor Amenable	SW846	EET CLE
Moisture	Percent Moisture	EPA	EET CLE
OIA-1677	Cyanide, Free (Flow Injection)	OI CORP	ELLE
3005A	Preparation, Total Recoverable or Dissolved Metals	SW846	EET CLE
3050B	Preparation, Metals	SW846	EET CLE
3060A	Alkaline Digestion (Chromium, Hexavalent)	SW846	ELLE
3510C	Liquid-Liquid Extraction (Separatory Funnel)	SW846	EET CLE
3510C LVI	Liquid-Liquid Extraction (Separatory Funnel) LVI	SW846	EET CLE
3546	Microwave Extraction	SW846	EET CLE
5030C	Purge and Trap	SW846	EET CLE
7470A	Preparation, Mercury	SW846	EET CLE
7471B	Preparation, Mercury	SW846	EET CLE
9012B	Cyanide, Total and/or Amenable, Distillation	SW846	EET CLE
D3987-85	ASTM Leaching Procedure	ASTM	ELLE

Protocol References:

ASTM = ASTM International

EPA = US Environmental Protection Agency

OI CORP = OI Corporation Instrument Manual.

SW846 = "Test Methods For Evaluating Solid Waste, Physical/Chemical Methods", Third Edition, November 1986 And Its Updates.

Laboratory References:

EET CLE = Eurofins Cleveland, 180 S. Van Buren Avenue, Barberton, OH 44203, TEL (330)497-9396

ELLE = Eurofins Lancaster Laboratories Environment Testing, LLC, 2425 New Holland Pike, Lancaster, PA 17601, TEL (717)656-2300

Sample Summary

Client: August Mack Environmental, Inc.
Project/Site: MSC Canfield

Job ID: 240-213229-1

Lab Sample ID	Client Sample ID	Matrix	Collected	Received
240-213229-1	SB-10-4.0-6.0	Solid	10/15/24 15:53	10/16/24 16:16
240-213229-2	SB-10-10.0-12.0	Solid	10/15/24 16:08	10/16/24 16:16
240-213229-3	SB-21-12.0-14.0	Solid	10/16/24 09:49	10/16/24 16:16
240-213229-4	SB-21-16.0-18.0	Solid	10/16/24 09:55	10/16/24 16:16
240-213229-5	SB-13-18-20	Solid	10/16/24 11:50	10/16/24 16:16
240-213229-6	SB-13-14-16	Solid	10/16/24 11:45	10/16/24 16:16
240-213229-7	SB-13-16-18	Solid	10/16/24 11:48	10/16/24 16:16
240-213229-8	SB-DUP-2	Solid	10/16/24 00:00	10/16/24 16:16
240-213229-9	TB-7-20241016	Water	10/16/24 00:00	10/16/24 16:16
240-213229-10	SB-19-GW-18-28	Water	10/16/24 12:38	10/16/24 16:16
240-213229-11	SB-20-GW-14-24	Water	10/16/24 12:03	10/16/24 16:16
240-213229-12	SB-18-GW-14-24	Water	10/16/24 11:41	10/16/24 16:16
240-213229-13	SB-16-GW-14-24	Water	10/16/24 11:05	10/16/24 16:16
240-213229-14	SB-17-GW-18-28	Water	10/16/24 10:30	10/16/24 16:16
240-213229-15	SB-10-GW-18-28	Water	10/16/24 13:15	10/16/24 16:16
240-213229-16	TB-4-20241016	Water	10/16/24 00:00	10/16/24 16:16
240-213229-17	TB-5-20241016	Water	10/16/24 00:00	10/16/24 16:16
240-213229-18	TB-6-20241016	Water	10/16/24 00:00	10/16/24 16:16

Detection Summary

Client: August Mack Environmental, Inc.
Project/Site: MSC Canfield

Job ID: 240-213229-1

Client Sample ID: SB-10-4.0-6.0 — Lab Sample ID: 240-213229-1

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Bis(2-ethylhexyl) phthalate	70	J	180	66	ug/Kg	1	☼	8270E	Total/NA
Arsenic	16		1.6	0.33	mg/Kg	1	☼	6010D	Total/NA
Barium	27		21	0.13	mg/Kg	1	☼	6010D	Total/NA
Cadmium	0.074	J	0.52	0.050	mg/Kg	1	☼	6010D	Total/NA
Chromium	10		1.0	0.36	mg/Kg	1	☼	6010D	Total/NA
Copper	22		2.6	0.73	mg/Kg	1	☼	6010D	Total/NA
Lead	11		1.0	0.29	mg/Kg	1	☼	6010D	Total/NA
Selenium	0.61	J	2.1	0.49	mg/Kg	1	☼	6010D	Total/NA
Zinc	63		5.2	3.8	mg/Kg	1	☼	6010D	Total/NA

Client Sample ID: SB-10-10.0-12.0 — Lab Sample ID: 240-213229-2

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Arsenic	14		1.6	0.34	mg/Kg	1	☼	6010D	Total/NA
Barium	19	J	22	0.14	mg/Kg	1	☼	6010D	Total/NA
Cadmium	0.054	J	0.54	0.052	mg/Kg	1	☼	6010D	Total/NA
Chromium	8.1		1.1	0.37	mg/Kg	1	☼	6010D	Total/NA
Copper	19		2.7	0.76	mg/Kg	1	☼	6010D	Total/NA
Lead	8.8		1.1	0.31	mg/Kg	1	☼	6010D	Total/NA
Zinc	53		5.4	3.9	mg/Kg	1	☼	6010D	Total/NA

Client Sample ID: SB-21-12.0-14.0 — Lab Sample ID: 240-213229-3

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Bis(2-ethylhexyl) phthalate	65	J	170	64	ug/Kg	1	☼	8270E	Total/NA
Arsenic	15		1.5	0.31	mg/Kg	1	☼	6010D	Total/NA
Barium	24		20	0.12	mg/Kg	1	☼	6010D	Total/NA
Cadmium	0.071	J	0.49	0.047	mg/Kg	1	☼	6010D	Total/NA
Chromium	11		0.98	0.34	mg/Kg	1	☼	6010D	Total/NA
Copper	19		2.4	0.69	mg/Kg	1	☼	6010D	Total/NA
Lead	11		0.98	0.28	mg/Kg	1	☼	6010D	Total/NA
Zinc	68		4.9	3.5	mg/Kg	1	☼	6010D	Total/NA
Cyanide, Total	0.63	J	0.67	0.53	mg/Kg	1	☼	9012B	Total/NA

Client Sample ID: SB-21-16.0-18.0 — Lab Sample ID: 240-213229-4

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Phenanthrene	16	J	46	15	ug/Kg	1	☼	8270E	Total/NA
Arsenic	11		1.3	0.28	mg/Kg	1	☼	6010D	Total/NA
Barium	20		18	0.11	mg/Kg	1	☼	6010D	Total/NA
Cadmium	0.074	J	0.44	0.043	mg/Kg	1	☼	6010D	Total/NA
Chromium	15		0.89	0.30	mg/Kg	1	☼	6010D	Total/NA
Copper	19		2.2	0.62	mg/Kg	1	☼	6010D	Total/NA
Lead	11		0.89	0.25	mg/Kg	1	☼	6010D	Total/NA
Zinc	64		4.4	3.2	mg/Kg	1	☼	6010D	Total/NA

Client Sample ID: SB-13-18-20 — Lab Sample ID: 240-213229-5

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Trichloroethene	81		5.3	1.5	ug/Kg	1	☼	8260D	Total/NA
Bis(2-ethylhexyl) phthalate	77	J	170	63	ug/Kg	1	☼	8270E	Total/NA
Arsenic	17		1.5	0.31	mg/Kg	1	☼	6010D	Total/NA
Barium	22		20	0.12	mg/Kg	1	☼	6010D	Total/NA

This Detection Summary does not include radiochemical test results.

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Client Sample ID: SB-13-18-20 (Continued)

Lab Sample ID: 240-213229-5

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Cadmium	0.058	J	0.49	0.047	mg/Kg	1	☼	6010D	Total/NA
Chromium	13		0.98	0.34	mg/Kg	1	☼	6010D	Total/NA
Copper	17		2.5	0.69	mg/Kg	1	☼	6010D	Total/NA
Lead	11		0.98	0.28	mg/Kg	1	☼	6010D	Total/NA
Zinc	64		4.9	3.6	mg/Kg	1	☼	6010D	Total/NA

Client Sample ID: SB-13-14-16

Lab Sample ID: 240-213229-6

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Acetone	33		26	22	ug/Kg	1	☼	8260D	Total/NA
Bis(2-ethylhexyl) phthalate	66	J	170	63	ug/Kg	1	☼	8270E	Total/NA
Arsenic	23		1.2	0.26	mg/Kg	1	☼	6010D	Total/NA
Barium	31		16	0.10	mg/Kg	1	☼	6010D	Total/NA
Cadmium	0.087	J	0.40	0.039	mg/Kg	1	☼	6010D	Total/NA
Chromium	15		0.81	0.28	mg/Kg	1	☼	6010D	Total/NA
Copper	16		2.0	0.57	mg/Kg	1	☼	6010D	Total/NA
Lead	12		0.81	0.23	mg/Kg	1	☼	6010D	Total/NA
Selenium	0.75	J	1.6	0.38	mg/Kg	1	☼	6010D	Total/NA
Zinc	69		4.0	2.9	mg/Kg	1	☼	6010D	Total/NA

Client Sample ID: SB-13-16-18

Lab Sample ID: 240-213229-7

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
2-Methylnaphthalene	31	J	46	15	ug/Kg	1	☼	8270E	Total/NA
Phenanthrene	23	J	46	15	ug/Kg	1	☼	8270E	Total/NA
Arsenic	11		1.3	0.27	mg/Kg	1	☼	6010D	Total/NA
Barium	18		17	0.11	mg/Kg	1	☼	6010D	Total/NA
Cadmium	0.065	J	0.43	0.042	mg/Kg	1	☼	6010D	Total/NA
Chromium	12		0.87	0.30	mg/Kg	1	☼	6010D	Total/NA
Copper	17		2.2	0.61	mg/Kg	1	☼	6010D	Total/NA
Lead	9.6		0.87	0.24	mg/Kg	1	☼	6010D	Total/NA
Zinc	60		4.3	3.1	mg/Kg	1	☼	6010D	Total/NA

Client Sample ID: SB-DUP-2

Lab Sample ID: 240-213229-8

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Arsenic	14		1.5	0.31	mg/Kg	1	☼	6010D	Total/NA
Barium	15	J	20	0.13	mg/Kg	1	☼	6010D	Total/NA
Chromium	10		1.0	0.34	mg/Kg	1	☼	6010D	Total/NA
Copper	17		2.5	0.70	mg/Kg	1	☼	6010D	Total/NA
Lead	9.3		1.0	0.28	mg/Kg	1	☼	6010D	Total/NA
Zinc	55		5.0	3.6	mg/Kg	1	☼	6010D	Total/NA
Mercury	0.047	J	0.11	0.020	mg/Kg	1	☼	7471B	Total/NA

Client Sample ID: TB-7-20241016

Lab Sample ID: 240-213229-9

No Detections.

Client Sample ID: SB-19-GW-18-28

Lab Sample ID: 240-213229-10

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
2-Butanone (MEK)	1.2	J	10	1.2	ug/L	1		8260D	Total/NA
Acetone	6.6	J B	10	5.4	ug/L	1		8260D	Total/NA

This Detection Summary does not include radiochemical test results.

Client Sample ID: SB-19-GW-18-28 (Continued)

Lab Sample ID: 240-213229-10

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Arsenic	36		15	4.1	ug/L	1		6010D	Total Recoverable
Barium	160	J B	200	1.3	ug/L	1		6010D	Total Recoverable
Cadmium	0.82	J	5.0	0.45	ug/L	1		6010D	Total Recoverable
Chromium	54		10	0.76	ug/L	1		6010D	Total Recoverable
Copper	100		25	3.5	ug/L	1		6010D	Total Recoverable
Lead	51		10	2.8	ug/L	1		6010D	Total Recoverable
Zinc	180		50	23	ug/L	1		6010D	Total Recoverable
Arsenic	9.4	J	15	4.1	ug/L	1		6010D	Dissolved
Barium	47	J B	200	1.3	ug/L	1		6010D	Dissolved

Client Sample ID: SB-20-GW-14-24

Lab Sample ID: 240-213229-11

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
2-Butanone (MEK)	1.2	J	10	1.2	ug/L	1		8260D	Total/NA
Acetone	6.1	J B	10	5.4	ug/L	1		8260D	Total/NA
Arsenic	110		15	4.1	ug/L	1		6010D	Total Recoverable
Barium	270	B	200	1.3	ug/L	1		6010D	Total Recoverable
Cadmium	1.3	J	5.0	0.45	ug/L	1		6010D	Total Recoverable
Chromium	200		10	0.76	ug/L	1		6010D	Total Recoverable
Copper	190		25	3.5	ug/L	1		6010D	Total Recoverable
Lead	110		10	2.8	ug/L	1		6010D	Total Recoverable
Zinc	510		50	23	ug/L	1		6010D	Total Recoverable
Arsenic	13	J	15	4.1	ug/L	1		6010D	Dissolved
Barium	33	J B	200	1.3	ug/L	1		6010D	Dissolved
Cyanide, Total	0.0097	J B	0.010	0.0060	mg/L	1		9012B	Total/NA
Chromium, hexavalent	0.11	J	0.20	0.070	mg/L	10		7196A	Dissolved

Client Sample ID: SB-18-GW-14-24

Lab Sample ID: 240-213229-12

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
2-Butanone (MEK)	24		10	1.2	ug/L	1		8260D	Total/NA
2-Hexanone	1.8	J	10	1.1	ug/L	1		8260D	Total/NA
Acetone	12	B	10	5.4	ug/L	1		8260D	Total/NA
Acenaphthene	0.77		0.19	0.17	ug/L	1		8270E	Total/NA
Anthracene	1.7		0.19	0.13	ug/L	1		8270E	Total/NA
Benzo[a]anthracene	2.8		0.19	0.065	ug/L	1		8270E	Total/NA
Benzo[a]pyrene	2.2		0.19	0.17	ug/L	1		8270E	Total/NA
Benzo[b]fluoranthene	2.7		0.19	0.15	ug/L	1		8270E	Total/NA
Benzo[g,h,i]perylene	1.2		0.19	0.17	ug/L	1		8270E	Total/NA
Benzo[k]fluoranthene	1.2		0.19	0.13	ug/L	1		8270E	Total/NA
Carbazole	1.0		0.96	0.47	ug/L	1		8270E	Total/NA

This Detection Summary does not include radiochemical test results.

Client Sample ID: SB-18-GW-14-24 (Continued)

Lab Sample ID: 240-213229-12

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Chrysene	2.5		0.19	0.063	ug/L	1		8270E	Total/NA
Dibenz(a,h)anthracene	0.27		0.19	0.15	ug/L	1		8270E	Total/NA
Dibenzofuran	0.38	J	0.96	0.26	ug/L	1		8270E	Total/NA
Fluoranthene	7.6		0.19	0.15	ug/L	1		8270E	Total/NA
Fluorene	0.74		0.19	0.076	ug/L	1		8270E	Total/NA
Indeno[1,2,3-cd]pyrene	0.92		0.19	0.13	ug/L	1		8270E	Total/NA
Phenanthrene	5.9		0.19	0.077	ug/L	1		8270E	Total/NA
Pyrene	5.5		0.19	0.080	ug/L	1		8270E	Total/NA
Naphthalene - RE	0.28		0.19	0.10	ug/L	1		8270E	Total/NA
Arsenic	60		15	4.1	ug/L	1		6010D	Total Recoverable
Barium	210	B	200	1.3	ug/L	1		6010D	Total Recoverable
Cadmium	0.66	J	5.0	0.45	ug/L	1		6010D	Total Recoverable
Chromium	53		10	0.76	ug/L	1		6010D	Total Recoverable
Copper	85		25	3.5	ug/L	1		6010D	Total Recoverable
Lead	54		10	2.8	ug/L	1		6010D	Total Recoverable
Zinc	300		50	23	ug/L	1		6010D	Total Recoverable
Barium	34	J B	200	1.3	ug/L	1		6010D	Dissolved
Cyanide, Total	0.010	B	0.010	0.0060	mg/L	1		9012B	Total/NA

Client Sample ID: SB-16-GW-14-24

Lab Sample ID: 240-213229-13

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
2-Butanone (MEK)	7.2	J	10	1.2	ug/L	1		8260D	Total/NA
Acetone	11	B	10	5.4	ug/L	1		8260D	Total/NA
Arsenic	180		15	4.1	ug/L	1		6010D	Total Recoverable
Barium	440	B	200	1.3	ug/L	1		6010D	Total Recoverable
Cadmium	1.5	J	5.0	0.45	ug/L	1		6010D	Total Recoverable
Chromium	110		10	0.76	ug/L	1		6010D	Total Recoverable
Copper	160		25	3.5	ug/L	1		6010D	Total Recoverable
Lead	83		10	2.8	ug/L	1		6010D	Total Recoverable
Zinc	480		50	23	ug/L	1		6010D	Total Recoverable
Barium	54	J B	200	1.3	ug/L	1		6010D	Dissolved
Chromium, hexavalent	0.24	H	0.20	0.070	mg/L	10		7196A	Total/NA
Cyanide, Total	0.023	B	0.010	0.0060	mg/L	1		9012B	Total/NA

Client Sample ID: SB-17-GW-18-28

Lab Sample ID: 240-213229-14

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Bis(2-ethylhexyl) phthalate	2.4	J	4.8	2.1	ug/L	1		8270E	Total/NA
Arsenic	22		15	4.1	ug/L	1		6010D	Total Recoverable

This Detection Summary does not include radiochemical test results.

Client Sample ID: SB-17-GW-18-28 (Continued)

Lab Sample ID: 240-213229-14

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Barium	60	J B	200	1.3	ug/L	1		6010D	Total Recoverable
Chromium	6.8	J	10	0.76	ug/L	1		6010D	Total Recoverable
Copper	10	J	25	3.5	ug/L	1		6010D	Total Recoverable
Lead	4.3	J	10	2.8	ug/L	1		6010D	Total Recoverable
Zinc	26	J	50	23	ug/L	1		6010D	Total Recoverable
Arsenic	8.4	J	15	4.1	ug/L	1		6010D	Dissolved
Barium	45	J B	200	1.3	ug/L	1		6010D	Dissolved
Cyanide, Total	0.010	B	0.010	0.0060	mg/L	1		9012B	Total/NA

Client Sample ID: SB-10-GW-18-28

Lab Sample ID: 240-213229-15

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
2-Butanone (MEK)	3.5	J	10	1.2	ug/L	1		8260D	Total/NA
Acetone	7.3	J	10	5.4	ug/L	1		8260D	Total/NA
Acetophenone	0.63	J	1.0	0.38	ug/L	1		8270E	Total/NA
Arsenic	27		15	4.1	ug/L	1		6010D	Total Recoverable
Barium	160	J B	200	1.3	ug/L	1		6010D	Total Recoverable
Cadmium	0.47	J	5.0	0.45	ug/L	1		6010D	Total Recoverable
Chromium	20		10	0.76	ug/L	1		6010D	Total Recoverable
Copper	48		25	3.5	ug/L	1		6010D	Total Recoverable
Lead	26		10	2.8	ug/L	1		6010D	Total Recoverable
Zinc	88		50	23	ug/L	1		6010D	Total Recoverable
Arsenic	120		15	4.1	ug/L	1		6010D	Dissolved
Barium	400	B	200	1.3	ug/L	1		6010D	Dissolved
Cadmium	1.1	J	5.0	0.45	ug/L	1		6010D	Dissolved
Chromium	150		10	0.76	ug/L	1		6010D	Dissolved
Copper	240		25	3.5	ug/L	1		6010D	Dissolved
Lead	93		10	2.8	ug/L	1		6010D	Dissolved
Zinc	590		50	23	ug/L	1		6010D	Dissolved
Chromium, hexavalent	0.18	J	0.50	0.18	mg/L	25		7196A	Total/NA
Cyanide, Total	0.0075	J	0.010	0.0060	mg/L	1		9012B	Total/NA
Chromium, hexavalent	0.21	J	0.50	0.18	mg/L	25		7196A	Dissolved

Client Sample ID: TB-4-20241016

Lab Sample ID: 240-213229-16

No Detections.

Client Sample ID: TB-5-20241016

Lab Sample ID: 240-213229-17

No Detections.

Client Sample ID: TB-6-20241016

Lab Sample ID: 240-213229-18

No Detections.

This Detection Summary does not include radiochemical test results.

Client: August Mack Environmental, Inc.
Project/Site: MSC Canfield

Job ID: 240-213229-1

Client Sample ID: SB-10-4.0-6.0
Date Collected: 10/15/24 15:53
Date Received: 10/16/24 16:16

Lab Sample ID: 240-213229-1
Matrix: Solid
Percent Solids: 84.3

Method: SW846 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		5.4	1.9	ug/Kg	☼	10/21/24 10:32	10/21/24 17:39	1
1,1,2,2-Tetrachloroethane	ND		5.4	1.6	ug/Kg	☼	10/21/24 10:32	10/21/24 17:39	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		5.4	1.4	ug/Kg	☼	10/21/24 10:32	10/21/24 17:39	1
1,1,2-Trichloroethane	ND		5.4	1.2	ug/Kg	☼	10/21/24 10:32	10/21/24 17:39	1
1,1-Dichloroethane	ND		5.4	1.5	ug/Kg	☼	10/21/24 10:32	10/21/24 17:39	1
1,1-Dichloroethene	ND		5.4	2.0	ug/Kg	☼	10/21/24 10:32	10/21/24 17:39	1
1,2,4-Trichlorobenzene	ND		5.4	2.7	ug/Kg	☼	10/21/24 10:32	10/21/24 17:39	1
1,2-Dibromo-3-Chloropropane	ND		11	3.9	ug/Kg	☼	10/21/24 10:32	10/21/24 17:39	1
Ethylene Dibromide	ND		5.4	1.8	ug/Kg	☼	10/21/24 10:32	10/21/24 17:39	1
1,2-Dichlorobenzene	ND		5.4	1.2	ug/Kg	☼	10/21/24 10:32	10/21/24 17:39	1
1,2-Dichloroethane	ND		5.4	2.0	ug/Kg	☼	10/21/24 10:32	10/21/24 17:39	1
1,2-Dichloropropane	ND		5.4	0.92	ug/Kg	☼	10/21/24 10:32	10/21/24 17:39	1
1,3-Dichlorobenzene	ND		5.4	1.8	ug/Kg	☼	10/21/24 10:32	10/21/24 17:39	1
1,4-Dichlorobenzene	ND		5.4	0.96	ug/Kg	☼	10/21/24 10:32	10/21/24 17:39	1
2-Butanone (MEK)	ND		22	3.9	ug/Kg	☼	10/21/24 10:32	10/21/24 17:39	1
2-Hexanone	ND		22	4.4	ug/Kg	☼	10/21/24 10:32	10/21/24 17:39	1
4-Methyl-2-pentanone (MIBK)	ND		22	4.0	ug/Kg	☼	10/21/24 10:32	10/21/24 17:39	1
Acetone	ND		27	23	ug/Kg	☼	10/21/24 10:32	10/21/24 17:39	1
Benzene	ND		5.4	1.6	ug/Kg	☼	10/21/24 10:32	10/21/24 17:39	1
Dichlorobromomethane	ND		5.4	1.6	ug/Kg	☼	10/21/24 10:32	10/21/24 17:39	1
Bromoform	ND		5.4	2.6	ug/Kg	☼	10/21/24 10:32	10/21/24 17:39	1
Bromomethane	ND		5.4	4.5	ug/Kg	☼	10/21/24 10:32	10/21/24 17:39	1
Carbon disulfide	ND		5.4	1.3	ug/Kg	☼	10/21/24 10:32	10/21/24 17:39	1
Carbon tetrachloride	ND		5.4	3.5	ug/Kg	☼	10/21/24 10:32	10/21/24 17:39	1
Chlorobenzene	ND		5.4	0.99	ug/Kg	☼	10/21/24 10:32	10/21/24 17:39	1
Chloroethane	ND		5.4	3.0	ug/Kg	☼	10/21/24 10:32	10/21/24 17:39	1
Chloroform	ND		5.4	1.9	ug/Kg	☼	10/21/24 10:32	10/21/24 17:39	1
Chloromethane	ND		5.4	2.5	ug/Kg	☼	10/21/24 10:32	10/21/24 17:39	1
cis-1,2-Dichloroethene	ND		5.4	1.6	ug/Kg	☼	10/21/24 10:32	10/21/24 17:39	1
cis-1,3-Dichloropropene	ND		5.4	3.1	ug/Kg	☼	10/21/24 10:32	10/21/24 17:39	1
Cyclohexane	ND		11	1.5	ug/Kg	☼	10/21/24 10:32	10/21/24 17:39	1
Chlorodibromomethane	ND		5.4	3.0	ug/Kg	☼	10/21/24 10:32	10/21/24 17:39	1
Dichlorodifluoromethane	ND		5.4	2.5	ug/Kg	☼	10/21/24 10:32	10/21/24 17:39	1
Ethylbenzene	ND		5.4	1.1	ug/Kg	☼	10/21/24 10:32	10/21/24 17:39	1
Isopropylbenzene	ND		5.4	2.1	ug/Kg	☼	10/21/24 10:32	10/21/24 17:39	1
Methyl acetate	ND		27	3.7	ug/Kg	☼	10/21/24 10:32	10/21/24 17:39	1
Methyl tert-butyl ether	ND		5.4	2.1	ug/Kg	☼	10/21/24 10:32	10/21/24 17:39	1
Methylcyclohexane	ND		11	1.3	ug/Kg	☼	10/21/24 10:32	10/21/24 17:39	1
Methylene Chloride	ND		27	13	ug/Kg	☼	10/21/24 10:32	10/21/24 17:39	1
Styrene	ND		5.4	1.3	ug/Kg	☼	10/21/24 10:32	10/21/24 17:39	1
Tetrachloroethene	ND		5.4	2.1	ug/Kg	☼	10/21/24 10:32	10/21/24 17:39	1
Toluene	ND		5.4	0.84	ug/Kg	☼	10/21/24 10:32	10/21/24 17:39	1
trans-1,2-Dichloroethene	ND		5.4	1.5	ug/Kg	☼	10/21/24 10:32	10/21/24 17:39	1
trans-1,3-Dichloropropene	ND		5.4	2.0	ug/Kg	☼	10/21/24 10:32	10/21/24 17:39	1
Trichloroethene	ND		5.4	1.6	ug/Kg	☼	10/21/24 10:32	10/21/24 17:39	1
Trichlorofluoromethane	ND		5.4	2.9	ug/Kg	☼	10/21/24 10:32	10/21/24 17:39	1
Vinyl chloride	ND		5.4	1.9	ug/Kg	☼	10/21/24 10:32	10/21/24 17:39	1
Xylenes, Total	ND		11	1.7	ug/Kg	☼	10/21/24 10:32	10/21/24 17:39	1

Client: August Mack Environmental, Inc.
Project/Site: MSC Canfield

Job ID: 240-213229-1

Client Sample ID: SB-10-4.0-6.0
Date Collected: 10/15/24 15:53
Date Received: 10/16/24 16:16

Lab Sample ID: 240-213229-1
Matrix: Solid
Percent Solids: 84.3

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
Toluene-d8 (Surr)	*97*		*56 - 125*	*10/21/24 10:32*	*10/21/24 17:39*	*1*
Dibromofluoromethane (Surr)	*98*		*41 - 138*	*10/21/24 10:32*	*10/21/24 17:39*	*1*
4-Bromofluorobenzene (Surr)	*88*		*41 - 143*	*10/21/24 10:32*	*10/21/24 17:39*	*1*
1,2-Dichloroethane-d4 (Surr)	*98*		*58 - 125*	*10/21/24 10:32*	*10/21/24 17:39*	*1*

Method: SW846 8270E - Semivolatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1'-Biphenyl	ND		120	33	ug/Kg	☼	10/23/24 09:10	10/24/24 10:17	1
bis (2-chloroisopropyl) ether	ND		120	31	ug/Kg	☼	10/23/24 09:10	10/24/24 10:17	1
2,4,5-Trichlorophenol	ND		180	39	ug/Kg	☼	10/23/24 09:10	10/24/24 10:17	1
2,4,6-Trichlorophenol	ND		180	34	ug/Kg	☼	10/23/24 09:10	10/24/24 10:17	1
2,4-Dichlorophenol	ND		180	32	ug/Kg	☼	10/23/24 09:10	10/24/24 10:17	1
2,4-Dimethylphenol	ND		180	43	ug/Kg	☼	10/23/24 09:10	10/24/24 10:17	1
2,4-Dinitrophenol	ND		390	200	ug/Kg	☼	10/23/24 09:10	10/24/24 10:17	1
2,4-Dinitrotoluene	ND		240	27	ug/Kg	☼	10/23/24 09:10	10/24/24 10:17	1
2,6-Dinitrotoluene	ND		240	43	ug/Kg	☼	10/23/24 09:10	10/24/24 10:17	1
2-Chloronaphthalene	ND		120	33	ug/Kg	☼	10/23/24 09:10	10/24/24 10:17	1
2-Chlorophenol	ND		120	31	ug/Kg	☼	10/23/24 09:10	10/24/24 10:17	1
2-Methylnaphthalene	ND		47	15	ug/Kg	☼	10/23/24 09:10	10/24/24 10:17	1
2-Methylphenol	ND		240	49	ug/Kg	☼	10/23/24 09:10	10/24/24 10:17	1
2-Nitroaniline	ND		240	45	ug/Kg	☼	10/23/24 09:10	10/24/24 10:17	1
2-Nitrophenol	ND		120	41	ug/Kg	☼	10/23/24 09:10	10/24/24 10:17	1
3,3'-Dichlorobenzidine	ND		180	110	ug/Kg	☼	10/23/24 09:10	10/24/24 10:17	1
3-Nitroaniline	ND		240	41	ug/Kg	☼	10/23/24 09:10	10/24/24 10:17	1
4,6-Dinitro-2-methylphenol	ND		390	120	ug/Kg	☼	10/23/24 09:10	10/24/24 10:17	1
4-Bromophenyl phenyl ether	ND		120	38	ug/Kg	☼	10/23/24 09:10	10/24/24 10:17	1
4-Chloro-3-methylphenol	ND		180	45	ug/Kg	☼	10/23/24 09:10	10/24/24 10:17	1
4-Chloroaniline	ND		180	19	ug/Kg	☼	10/23/24 09:10	10/24/24 10:17	1
4-Chlorophenyl phenyl ether	ND		120	33	ug/Kg	☼	10/23/24 09:10	10/24/24 10:17	1
4-Nitroaniline	ND		240	31	ug/Kg	☼	10/23/24 09:10	10/24/24 10:17	1
4-Nitrophenol	ND		390	110	ug/Kg	☼	10/23/24 09:10	10/24/24 10:17	1
Acenaphthene	ND		47	17	ug/Kg	☼	10/23/24 09:10	10/24/24 10:17	1
Acenaphthylene	ND		47	18	ug/Kg	☼	10/23/24 09:10	10/24/24 10:17	1
Acetophenone	ND		120	30	ug/Kg	☼	10/23/24 09:10	10/24/24 10:17	1
Anthracene	ND		47	14	ug/Kg	☼	10/23/24 09:10	10/24/24 10:17	1
Atrazine	ND		390	82	ug/Kg	☼	10/23/24 09:10	10/24/24 10:17	1
Benzaldehyde	ND	*-	390	66	ug/Kg	☼	10/23/24 09:10	10/24/24 10:17	1
Benzo[a]anthracene	ND		47	18	ug/Kg	☼	10/23/24 09:10	10/24/24 10:17	1
Benzo[a]pyrene	ND		47	17	ug/Kg	☼	10/23/24 09:10	10/24/24 10:17	1
Benzo[b]fluoranthene	ND		47	14	ug/Kg	☼	10/23/24 09:10	10/24/24 10:17	1
Benzo[g,h,i]perylene	ND		47	32	ug/Kg	☼	10/23/24 09:10	10/24/24 10:17	1
Benzo[k]fluoranthene	ND		47	12	ug/Kg	☼	10/23/24 09:10	10/24/24 10:17	1
Bis(2-chloroethoxy)methane	ND		120	24	ug/Kg	☼	10/23/24 09:10	10/24/24 10:17	1
Bis(2-chloroethyl)ether	ND		120	26	ug/Kg	☼	10/23/24 09:10	10/24/24 10:17	1
Bis(2-ethylhexyl) phthalate	**70**	**J**	180	66	ug/Kg	☼	10/23/24 09:10	10/24/24 10:17	1
Butyl benzyl phthalate	ND		180	60	ug/Kg	☼	10/23/24 09:10	10/24/24 10:17	1
Caprolactam	ND		390	82	ug/Kg	☼	10/23/24 09:10	10/24/24 10:17	1
Carbazole	ND		120	32	ug/Kg	☼	10/23/24 09:10	10/24/24 10:17	1
Chrysene	ND		47	17	ug/Kg	☼	10/23/24 09:10	10/24/24 10:17	1
Dibenz(a,h)anthracene	ND		47	18	ug/Kg	☼	10/23/24 09:10	10/24/24 10:17	1

Client Sample ID: SB-10-4.0-6.0
Date Collected: 10/15/24 15:53
Date Received: 10/16/24 16:16

Lab Sample ID: 240-213229-1
Matrix: Solid
Percent Solids: 84.3

Method: SW846 8270E - Semivolatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Dibenzofuran	ND		120	34	ug/Kg	☼	10/23/24 09:10	10/24/24 10:17	1
Diethyl phthalate	ND		180	51	ug/Kg	☼	10/23/24 09:10	10/24/24 10:17	1
Dimethyl phthalate	ND		180	47	ug/Kg	☼	10/23/24 09:10	10/24/24 10:17	1
Di-n-butyl phthalate	ND		180	60	ug/Kg	☼	10/23/24 09:10	10/24/24 10:17	1
Di-n-octyl phthalate	ND		180	59	ug/Kg	☼	10/23/24 09:10	10/24/24 10:17	1
Fluoranthene	ND		47	17	ug/Kg	☼	10/23/24 09:10	10/24/24 10:17	1
Fluorene	ND		47	17	ug/Kg	☼	10/23/24 09:10	10/24/24 10:17	1
Hexachlorobenzene	ND		47	17	ug/Kg	☼	10/23/24 09:10	10/24/24 10:17	1
Hexachlorobutadiene	ND		120	25	ug/Kg	☼	10/23/24 09:10	10/24/24 10:17	1
Hexachlorocyclopentadiene	ND		390	46	ug/Kg	☼	10/23/24 09:10	10/24/24 10:17	1
Hexachloroethane	ND		120	38	ug/Kg	☼	10/23/24 09:10	10/24/24 10:17	1
Indeno[1,2,3-cd]pyrene	ND		47	14	ug/Kg	☼	10/23/24 09:10	10/24/24 10:17	1
Isophorone	ND		120	31	ug/Kg	☼	10/23/24 09:10	10/24/24 10:17	1
N-Nitrosodi-n-propylamine	ND		120	44	ug/Kg	☼	10/23/24 09:10	10/24/24 10:17	1
N-Nitrosodiphenylamine	ND		120	32	ug/Kg	☼	10/23/24 09:10	10/24/24 10:17	1
Naphthalene	ND		47	15	ug/Kg	☼	10/23/24 09:10	10/24/24 10:17	1
Nitrobenzene	ND		120	26	ug/Kg	☼	10/23/24 09:10	10/24/24 10:17	1
Pentachlorophenol	ND		320	120	ug/Kg	☼	10/23/24 09:10	10/24/24 10:17	1
Phenanthrene	ND		47	15	ug/Kg	☼	10/23/24 09:10	10/24/24 10:17	1
Phenol	ND		120	45	ug/Kg	☼	10/23/24 09:10	10/24/24 10:17	1
Pyrene	ND		47	19	ug/Kg	☼	10/23/24 09:10	10/24/24 10:17	1
3 & 4 Methylphenol	ND		470	49	ug/Kg	☼	10/23/24 09:10	10/24/24 10:17	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Terphenyl-d14 (Surr)	*73*		*37 - 120*	*10/23/24 09:10*	*10/24/24 10:17*	*1*
Phenol-d5 (Surr)	*67*		*29 - 120*	*10/23/24 09:10*	*10/24/24 10:17*	*1*
Nitrobenzene-d5 (Surr)	*56*		*28 - 120*	*10/23/24 09:10*	*10/24/24 10:17*	*1*
2-Fluorophenol (Surr)	*64*		*26 - 120*	*10/23/24 09:10*	*10/24/24 10:17*	*1*
2-Fluorobiphenyl (Surr)	*63*		*36 - 120*	*10/23/24 09:10*	*10/24/24 10:17*	*1*
2,4,6-Tribromophenol (Surr)	*69*		*10 - 120*	*10/23/24 09:10*	*10/24/24 10:17*	*1*

Method: SW846 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aroclor-1016	ND		60	30	ug/Kg	☼	10/22/24 09:44	10/23/24 10:33	1
Aroclor-1221	ND		60	36	ug/Kg	☼	10/22/24 09:44	10/23/24 10:33	1
Aroclor-1232	ND		60	25	ug/Kg	☼	10/22/24 09:44	10/23/24 10:33	1
Aroclor-1242	ND		60	23	ug/Kg	☼	10/22/24 09:44	10/23/24 10:33	1
Aroclor-1248	ND		60	20	ug/Kg	☼	10/22/24 09:44	10/23/24 10:33	1
Aroclor-1254	ND		60	25	ug/Kg	☼	10/22/24 09:44	10/23/24 10:33	1
Aroclor-1260	ND		60	25	ug/Kg	☼	10/22/24 09:44	10/23/24 10:33	1
Aroclor-1262	ND		60	26	ug/Kg	☼	10/22/24 09:44	10/23/24 10:33	1
Aroclor-1268	ND		60	19	ug/Kg	☼	10/22/24 09:44	10/23/24 10:33	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Tetrachloro-m-xylene	*67*		*10 - 149*	*10/22/24 09:44*	*10/23/24 10:33*	*1*
DCB Decachlorobiphenyl	*74*		*10 - 174*	*10/22/24 09:44*	*10/23/24 10:33*	*1*

Method: SW846 6010D - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	**16**		1.6	0.33	mg/Kg	☼	10/18/24 15:00	10/21/24 22:34	1

Client: August Mack Environmental, Inc.
Project/Site: MSC Canfield

Job ID: 240-213229-1

Client Sample ID: SB-10-4.0-6.0
Date Collected: 10/15/24 15:53
Date Received: 10/16/24 16:16

Lab Sample ID: 240-213229-1
Matrix: Solid
Percent Solids: 84.3

Method: SW846 6010D - Metals (ICP) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Barium	27		21	0.13	mg/Kg	☼	10/18/24 15:00	10/21/24 22:34	1
Cadmium	0.074	J	0.52	0.050	mg/Kg	☼	10/18/24 15:00	10/21/24 22:34	1
Chromium	10		1.0	0.36	mg/Kg	☼	10/18/24 15:00	10/21/24 22:34	1
Copper	22		2.6	0.73	mg/Kg	☼	10/18/24 15:00	10/21/24 22:34	1
Lead	11		1.0	0.29	mg/Kg	☼	10/18/24 15:00	10/21/24 22:34	1
Selenium	0.61	J	2.1	0.49	mg/Kg	☼	10/18/24 15:00	10/21/24 22:34	1
Silver	ND		1.0	0.084	mg/Kg	☼	10/18/24 15:00	10/21/24 22:34	1
Zinc	63		5.2	3.8	mg/Kg	☼	10/18/24 15:00	10/21/24 22:34	1

Method: SW846 7471B - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	ND		0.11	0.021	mg/Kg	☼	10/18/24 15:00	10/21/24 12:34	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cr (VI) (SW846 7196A)	ND		0.50	0.17	mg/Kg	☼	10/28/24 10:33	10/29/24 20:02	1
Cyanide, Total (SW846 9012B)	ND		0.67	0.53	mg/Kg	☼	10/24/24 09:27	10/24/24 17:43	1

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Solids (EPA Moisture)	84.3		0.1	0.1	%			10/17/24 17:30	1
Percent Moisture (EPA Moisture)	15.7		0.1	0.1	%			10/17/24 17:30	1

General Chemistry - ASTM Leach

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cyanide, Free (OI CORP OIA-1677)	ND		0.0060	0.0050	mg/L			10/30/24 14:44	1

Client: August Mack Environmental, Inc.
Project/Site: MSC Canfield

Job ID: 240-213229-1

Client Sample ID: SB-10-10.0-12.0
Date Collected: 10/15/24 16:08
Date Received: 10/16/24 16:16

Lab Sample ID: 240-213229-2
Matrix: Solid
Percent Solids: 83.5

Method: SW846 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		5.7	2.0	ug/Kg	☼	10/21/24 10:32	10/21/24 18:00	1
1,1,2,2-Tetrachloroethane	ND		5.7	1.6	ug/Kg	☼	10/21/24 10:32	10/21/24 18:00	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		5.7	1.5	ug/Kg	☼	10/21/24 10:32	10/21/24 18:00	1
1,1,2-Trichloroethane	ND		5.7	1.3	ug/Kg	☼	10/21/24 10:32	10/21/24 18:00	1
1,1-Dichloroethane	ND		5.7	1.6	ug/Kg	☼	10/21/24 10:32	10/21/24 18:00	1
1,1-Dichloroethene	ND		5.7	2.1	ug/Kg	☼	10/21/24 10:32	10/21/24 18:00	1
1,2,4-Trichlorobenzene	ND		5.7	2.8	ug/Kg	☼	10/21/24 10:32	10/21/24 18:00	1
1,2-Dibromo-3-Chloropropane	ND		11	4.1	ug/Kg	☼	10/21/24 10:32	10/21/24 18:00	1
Ethylene Dibromide	ND		5.7	1.9	ug/Kg	☼	10/21/24 10:32	10/21/24 18:00	1
1,2-Dichlorobenzene	ND		5.7	1.3	ug/Kg	☼	10/21/24 10:32	10/21/24 18:00	1
1,2-Dichloroethane	ND		5.7	2.1	ug/Kg	☼	10/21/24 10:32	10/21/24 18:00	1
1,2-Dichloropropane	ND		5.7	0.97	ug/Kg	☼	10/21/24 10:32	10/21/24 18:00	1
1,3-Dichlorobenzene	ND		5.7	1.9	ug/Kg	☼	10/21/24 10:32	10/21/24 18:00	1
1,4-Dichlorobenzene	ND		5.7	1.0	ug/Kg	☼	10/21/24 10:32	10/21/24 18:00	1
2-Butanone (MEK)	ND		23	4.0	ug/Kg	☼	10/21/24 10:32	10/21/24 18:00	1
2-Hexanone	ND		23	4.6	ug/Kg	☼	10/21/24 10:32	10/21/24 18:00	1
4-Methyl-2-pentanone (MIBK)	ND		23	4.2	ug/Kg	☼	10/21/24 10:32	10/21/24 18:00	1
Acetone	ND		28	24	ug/Kg	☼	10/21/24 10:32	10/21/24 18:00	1
Benzene	ND		5.7	1.7	ug/Kg	☼	10/21/24 10:32	10/21/24 18:00	1
Dichlorobromomethane	ND		5.7	1.7	ug/Kg	☼	10/21/24 10:32	10/21/24 18:00	1
Bromoform	ND		5.7	2.7	ug/Kg	☼	10/21/24 10:32	10/21/24 18:00	1
Bromomethane	ND		5.7	4.7	ug/Kg	☼	10/21/24 10:32	10/21/24 18:00	1
Carbon disulfide	ND		5.7	1.3	ug/Kg	☼	10/21/24 10:32	10/21/24 18:00	1
Carbon tetrachloride	ND		5.7	3.7	ug/Kg	☼	10/21/24 10:32	10/21/24 18:00	1
Chlorobenzene	ND		5.7	1.0	ug/Kg	☼	10/21/24 10:32	10/21/24 18:00	1
Chloroethane	ND		5.7	3.1	ug/Kg	☼	10/21/24 10:32	10/21/24 18:00	1
Chloroform	ND		5.7	2.0	ug/Kg	☼	10/21/24 10:32	10/21/24 18:00	1
Chloromethane	ND		5.7	2.6	ug/Kg	☼	10/21/24 10:32	10/21/24 18:00	1
cis-1,2-Dichloroethene	ND		5.7	1.7	ug/Kg	☼	10/21/24 10:32	10/21/24 18:00	1
cis-1,3-Dichloropropene	ND		5.7	3.3	ug/Kg	☼	10/21/24 10:32	10/21/24 18:00	1
Cyclohexane	ND		11	1.6	ug/Kg	☼	10/21/24 10:32	10/21/24 18:00	1
Chlorodibromomethane	ND		5.7	3.2	ug/Kg	☼	10/21/24 10:32	10/21/24 18:00	1
Dichlorodifluoromethane	ND		5.7	2.6	ug/Kg	☼	10/21/24 10:32	10/21/24 18:00	1
Ethylbenzene	ND		5.7	1.2	ug/Kg	☼	10/21/24 10:32	10/21/24 18:00	1
Isopropylbenzene	ND		5.7	2.2	ug/Kg	☼	10/21/24 10:32	10/21/24 18:00	1
Methyl acetate	ND		28	3.9	ug/Kg	☼	10/21/24 10:32	10/21/24 18:00	1
Methyl tert-butyl ether	ND		5.7	2.3	ug/Kg	☼	10/21/24 10:32	10/21/24 18:00	1
Methylcyclohexane	ND		11	1.4	ug/Kg	☼	10/21/24 10:32	10/21/24 18:00	1
Methylene Chloride	ND		28	14	ug/Kg	☼	10/21/24 10:32	10/21/24 18:00	1
Styrene	ND		5.7	1.3	ug/Kg	☼	10/21/24 10:32	10/21/24 18:00	1
Tetrachloroethene	ND		5.7	2.2	ug/Kg	☼	10/21/24 10:32	10/21/24 18:00	1
Toluene	ND		5.7	0.88	ug/Kg	☼	10/21/24 10:32	10/21/24 18:00	1
trans-1,2-Dichloroethene	ND		5.7	1.6	ug/Kg	☼	10/21/24 10:32	10/21/24 18:00	1
trans-1,3-Dichloropropene	ND		5.7	2.1	ug/Kg	☼	10/21/24 10:32	10/21/24 18:00	1
Trichloroethene	ND		5.7	1.6	ug/Kg	☼	10/21/24 10:32	10/21/24 18:00	1
Trichlorofluoromethane	ND		5.7	3.1	ug/Kg	☼	10/21/24 10:32	10/21/24 18:00	1
Vinyl chloride	ND		5.7	2.0	ug/Kg	☼	10/21/24 10:32	10/21/24 18:00	1
Xylenes, Total	ND		11	1.8	ug/Kg	☼	10/21/24 10:32	10/21/24 18:00	1

Client: August Mack Environmental, Inc.
Project/Site: MSC Canfield

Job ID: 240-213229-1

Client Sample ID: SB-10-10.0-12.0
Date Collected: 10/15/24 16:08
Date Received: 10/16/24 16:16

Lab Sample ID: 240-213229-2
Matrix: Solid
Percent Solids: 83.5

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
Toluene-d8 (Surr)	*98*		*56 - 125*	*10/21/24 10:32*	*10/21/24 18:00*	*1*
Dibromofluoromethane (Surr)	*100*		*41 - 138*	*10/21/24 10:32*	*10/21/24 18:00*	*1*
4-Bromofluorobenzene (Surr)	*88*		*41 - 143*	*10/21/24 10:32*	*10/21/24 18:00*	*1*
1,2-Dichloroethane-d4 (Surr)	*99*		*58 - 125*	*10/21/24 10:32*	*10/21/24 18:00*	*1*

Method: SW846 8270E - Semivolatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1'-Biphenyl	ND		120	34	ug/Kg	☼	10/23/24 09:10	10/24/24 10:40	1
bis (2-chloroisopropyl) ether	ND		120	31	ug/Kg	☼	10/23/24 09:10	10/24/24 10:40	1
2,4,5-Trichlorophenol	ND		180	40	ug/Kg	☼	10/23/24 09:10	10/24/24 10:40	1
2,4,6-Trichlorophenol	ND		180	35	ug/Kg	☼	10/23/24 09:10	10/24/24 10:40	1
2,4-Dichlorophenol	ND		180	33	ug/Kg	☼	10/23/24 09:10	10/24/24 10:40	1
2,4-Dimethylphenol	ND		180	44	ug/Kg	☼	10/23/24 09:10	10/24/24 10:40	1
2,4-Dinitrophenol	ND		400	210	ug/Kg	☼	10/23/24 09:10	10/24/24 10:40	1
2,4-Dinitrotoluene	ND		240	28	ug/Kg	☼	10/23/24 09:10	10/24/24 10:40	1
2,6-Dinitrotoluene	ND		240	44	ug/Kg	☼	10/23/24 09:10	10/24/24 10:40	1
2-Chloronaphthalene	ND		120	34	ug/Kg	☼	10/23/24 09:10	10/24/24 10:40	1
2-Chlorophenol	ND		120	31	ug/Kg	☼	10/23/24 09:10	10/24/24 10:40	1
2-Methylnaphthalene	ND		48	16	ug/Kg	☼	10/23/24 09:10	10/24/24 10:40	1
2-Methylphenol	ND		240	50	ug/Kg	☼	10/23/24 09:10	10/24/24 10:40	1
2-Nitroaniline	ND		240	46	ug/Kg	☼	10/23/24 09:10	10/24/24 10:40	1
2-Nitrophenol	ND		120	42	ug/Kg	☼	10/23/24 09:10	10/24/24 10:40	1
3,3'-Dichlorobenzidine	ND		180	110	ug/Kg	☼	10/23/24 09:10	10/24/24 10:40	1
3-Nitroaniline	ND		240	42	ug/Kg	☼	10/23/24 09:10	10/24/24 10:40	1
4,6-Dinitro-2-methylphenol	ND		400	130	ug/Kg	☼	10/23/24 09:10	10/24/24 10:40	1
4-Bromophenyl phenyl ether	ND		120	39	ug/Kg	☼	10/23/24 09:10	10/24/24 10:40	1
4-Chloro-3-methylphenol	ND		180	46	ug/Kg	☼	10/23/24 09:10	10/24/24 10:40	1
4-Chloroaniline	ND		180	19	ug/Kg	☼	10/23/24 09:10	10/24/24 10:40	1
4-Chlorophenyl phenyl ether	ND		120	34	ug/Kg	☼	10/23/24 09:10	10/24/24 10:40	1
4-Nitroaniline	ND		240	31	ug/Kg	☼	10/23/24 09:10	10/24/24 10:40	1
4-Nitrophenol	ND		400	110	ug/Kg	☼	10/23/24 09:10	10/24/24 10:40	1
Acenaphthene	ND		48	17	ug/Kg	☼	10/23/24 09:10	10/24/24 10:40	1
Acenaphthylene	ND		48	18	ug/Kg	☼	10/23/24 09:10	10/24/24 10:40	1
Acetophenone	ND		120	30	ug/Kg	☼	10/23/24 09:10	10/24/24 10:40	1
Anthracene	ND		48	15	ug/Kg	☼	10/23/24 09:10	10/24/24 10:40	1
Atrazine	ND		400	84	ug/Kg	☼	10/23/24 09:10	10/24/24 10:40	1
Benzaldehyde	ND	*-	400	68	ug/Kg	☼	10/23/24 09:10	10/24/24 10:40	1
Benzo[a]anthracene	ND		48	18	ug/Kg	☼	10/23/24 09:10	10/24/24 10:40	1
Benzo[a]pyrene	ND		48	17	ug/Kg	☼	10/23/24 09:10	10/24/24 10:40	1
Benzo[b]fluoranthene	ND		48	15	ug/Kg	☼	10/23/24 09:10	10/24/24 10:40	1
Benzo[g,h,i]perylene	ND		48	33	ug/Kg	☼	10/23/24 09:10	10/24/24 10:40	1
Benzo[k]fluoranthene	ND		48	12	ug/Kg	☼	10/23/24 09:10	10/24/24 10:40	1
Bis(2-chloroethoxy)methane	ND		120	24	ug/Kg	☼	10/23/24 09:10	10/24/24 10:40	1
Bis(2-chloroethyl)ether	ND		120	27	ug/Kg	☼	10/23/24 09:10	10/24/24 10:40	1
Bis(2-ethylhexyl) phthalate	ND		180	68	ug/Kg	☼	10/23/24 09:10	10/24/24 10:40	1
Butyl benzyl phthalate	ND		180	62	ug/Kg	☼	10/23/24 09:10	10/24/24 10:40	1
Caprolactam	ND		400	84	ug/Kg	☼	10/23/24 09:10	10/24/24 10:40	1
Carbazole	ND		120	33	ug/Kg	☼	10/23/24 09:10	10/24/24 10:40	1
Chrysene	ND		48	17	ug/Kg	☼	10/23/24 09:10	10/24/24 10:40	1
Dibenz(a,h)anthracene	ND		48	18	ug/Kg	☼	10/23/24 09:10	10/24/24 10:40	1

Client Sample ID: SB-10-10.0-12.0
Date Collected: 10/15/24 16:08
Date Received: 10/16/24 16:16

Lab Sample ID: 240-213229-2
Matrix: Solid
Percent Solids: 83.5

Method: SW846 8270E - Semivolatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Dibenzofuran	ND		120	35	ug/Kg	☼	10/23/24 09:10	10/24/24 10:40	1
Diethyl phthalate	ND		180	52	ug/Kg	☼	10/23/24 09:10	10/24/24 10:40	1
Dimethyl phthalate	ND		180	48	ug/Kg	☼	10/23/24 09:10	10/24/24 10:40	1
Di-n-butyl phthalate	ND		180	62	ug/Kg	☼	10/23/24 09:10	10/24/24 10:40	1
Di-n-octyl phthalate	ND		180	61	ug/Kg	☼	10/23/24 09:10	10/24/24 10:40	1
Fluoranthene	ND		48	17	ug/Kg	☼	10/23/24 09:10	10/24/24 10:40	1
Fluorene	ND		48	17	ug/Kg	☼	10/23/24 09:10	10/24/24 10:40	1
Hexachlorobenzene	ND		48	17	ug/Kg	☼	10/23/24 09:10	10/24/24 10:40	1
Hexachlorobutadiene	ND		120	25	ug/Kg	☼	10/23/24 09:10	10/24/24 10:40	1
Hexachlorocyclopentadiene	ND		400	47	ug/Kg	☼	10/23/24 09:10	10/24/24 10:40	1
Hexachloroethane	ND		120	39	ug/Kg	☼	10/23/24 09:10	10/24/24 10:40	1
Indeno[1,2,3-cd]pyrene	ND		48	15	ug/Kg	☼	10/23/24 09:10	10/24/24 10:40	1
Isophorone	ND		120	31	ug/Kg	☼	10/23/24 09:10	10/24/24 10:40	1
N-Nitrosodi-n-propylamine	ND		120	45	ug/Kg	☼	10/23/24 09:10	10/24/24 10:40	1
N-Nitrosodiphenylamine	ND		120	33	ug/Kg	☼	10/23/24 09:10	10/24/24 10:40	1
Naphthalene	ND		48	16	ug/Kg	☼	10/23/24 09:10	10/24/24 10:40	1
Nitrobenzene	ND		120	27	ug/Kg	☼	10/23/24 09:10	10/24/24 10:40	1
Pentachlorophenol	ND		330	130	ug/Kg	☼	10/23/24 09:10	10/24/24 10:40	1
Phenanthrene	ND		48	16	ug/Kg	☼	10/23/24 09:10	10/24/24 10:40	1
Phenol	ND		120	46	ug/Kg	☼	10/23/24 09:10	10/24/24 10:40	1
Pyrene	ND		48	19	ug/Kg	☼	10/23/24 09:10	10/24/24 10:40	1
3 & 4 Methylphenol	ND		480	50	ug/Kg	☼	10/23/24 09:10	10/24/24 10:40	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Terphenyl-d14 (Surr)	*54*		*37 - 120*	*10/23/24 09:10*	*10/24/24 10:40*	*1*
Phenol-d5 (Surr)	*49*		*29 - 120*	*10/23/24 09:10*	*10/24/24 10:40*	*1*
Nitrobenzene-d5 (Surr)	*36*		*28 - 120*	*10/23/24 09:10*	*10/24/24 10:40*	*1*
2-Fluorophenol (Surr)	*48*		*26 - 120*	*10/23/24 09:10*	*10/24/24 10:40*	*1*
2-Fluorobiphenyl (Surr)	*41*		*36 - 120*	*10/23/24 09:10*	*10/24/24 10:40*	*1*
2,4,6-Tribromophenol (Surr)	*54*		*10 - 120*	*10/23/24 09:10*	*10/24/24 10:40*	*1*

Method: SW846 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aroclor-1016	ND		60	30	ug/Kg	☼	10/22/24 09:44	10/23/24 10:49	1
Aroclor-1221	ND		60	36	ug/Kg	☼	10/22/24 09:44	10/23/24 10:49	1
Aroclor-1232	ND		60	25	ug/Kg	☼	10/22/24 09:44	10/23/24 10:49	1
Aroclor-1242	ND		60	23	ug/Kg	☼	10/22/24 09:44	10/23/24 10:49	1
Aroclor-1248	ND		60	20	ug/Kg	☼	10/22/24 09:44	10/23/24 10:49	1
Aroclor-1254	ND		60	25	ug/Kg	☼	10/22/24 09:44	10/23/24 10:49	1
Aroclor-1260	ND		60	25	ug/Kg	☼	10/22/24 09:44	10/23/24 10:49	1
Aroclor-1262	ND		60	26	ug/Kg	☼	10/22/24 09:44	10/23/24 10:49	1
Aroclor-1268	ND		60	19	ug/Kg	☼	10/22/24 09:44	10/23/24 10:49	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Tetrachloro-m-xylene	*72*		*10 - 149*	*10/22/24 09:44*	*10/23/24 10:49*	*1*
DCB Decachlorobiphenyl	*78*		*10 - 174*	*10/22/24 09:44*	*10/23/24 10:49*	*1*

Method: SW846 6010D - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	**14**		1.6	0.34	mg/Kg	☼	10/18/24 15:00	10/21/24 22:39	1

Client: August Mack Environmental, Inc.
Project/Site: MSC Canfield

Job ID: 240-213229-1

Client Sample ID: SB-10-10.0-12.0
Date Collected: 10/15/24 16:08
Date Received: 10/16/24 16:16

Lab Sample ID: 240-213229-2
Matrix: Solid
Percent Solids: 83.5

Method: SW846 6010D - Metals (ICP) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Barium	19	J	22	0.14	mg/Kg	☼	10/18/24 15:00	10/21/24 22:39	1
Cadmium	0.054	J	0.54	0.052	mg/Kg	☼	10/18/24 15:00	10/21/24 22:39	1
Chromium	8.1		1.1	0.37	mg/Kg	☼	10/18/24 15:00	10/21/24 22:39	1
Copper	19		2.7	0.76	mg/Kg	☼	10/18/24 15:00	10/21/24 22:39	1
Lead	8.8		1.1	0.31	mg/Kg	☼	10/18/24 15:00	10/21/24 22:39	1
Selenium	ND		2.2	0.51	mg/Kg	☼	10/18/24 15:00	10/21/24 22:39	1
Silver	ND		1.1	0.088	mg/Kg	☼	10/18/24 15:00	10/21/24 22:39	1
Zinc	53		5.4	3.9	mg/Kg	☼	10/18/24 15:00	10/21/24 22:39	1

Method: SW846 7471B - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	ND		0.11	0.020	mg/Kg	☼	10/18/24 15:00	10/21/24 12:36	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cr (VI) (SW846 7196A)	ND		0.49	0.16	mg/Kg	☼	10/28/24 10:33	10/29/24 20:02	1
Cyanide, Total (SW846 9012B)	ND		0.62	0.50	mg/Kg	☼	10/24/24 09:27	10/24/24 17:45	1

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Solids (EPA Moisture)	83.5		0.1	0.1	%			10/17/24 17:31	1
Percent Moisture (EPA Moisture)	16.5		0.1	0.1	%			10/17/24 17:31	1

General Chemistry - ASTM Leach

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cyanide, Free (OI CORP OIA-1677)	ND		0.0060	0.0050	mg/L			10/30/24 14:47	1

Client: August Mack Environmental, Inc.
Project/Site: MSC Canfield

Job ID: 240-213229-1

Client Sample ID: SB-21-12.0-14.0
Date Collected: 10/16/24 09:49
Date Received: 10/16/24 16:16

Lab Sample ID: 240-213229-3
Matrix: Solid
Percent Solids: 88.9

Method: SW846 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		5.4	1.9	ug/Kg	☼	10/21/24 10:32	10/21/24 18:21	1
1,1,2,2-Tetrachloroethane	ND		5.4	1.5	ug/Kg	☼	10/21/24 10:32	10/21/24 18:21	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		5.4	1.4	ug/Kg	☼	10/21/24 10:32	10/21/24 18:21	1
1,1,2-Trichloroethane	ND		5.4	1.2	ug/Kg	☼	10/21/24 10:32	10/21/24 18:21	1
1,1-Dichloroethane	ND		5.4	1.5	ug/Kg	☼	10/21/24 10:32	10/21/24 18:21	1
1,1-Dichloroethene	ND		5.4	2.0	ug/Kg	☼	10/21/24 10:32	10/21/24 18:21	1
1,2,4-Trichlorobenzene	ND		5.4	2.7	ug/Kg	☼	10/21/24 10:32	10/21/24 18:21	1
1,2-Dibromo-3-Chloropropane	ND		11	3.9	ug/Kg	☼	10/21/24 10:32	10/21/24 18:21	1
Ethylene Dibromide	ND		5.4	1.8	ug/Kg	☼	10/21/24 10:32	10/21/24 18:21	1
1,2-Dichlorobenzene	ND		5.4	1.2	ug/Kg	☼	10/21/24 10:32	10/21/24 18:21	1
1,2-Dichloroethane	ND		5.4	1.9	ug/Kg	☼	10/21/24 10:32	10/21/24 18:21	1
1,2-Dichloropropane	ND		5.4	0.91	ug/Kg	☼	10/21/24 10:32	10/21/24 18:21	1
1,3-Dichlorobenzene	ND		5.4	1.8	ug/Kg	☼	10/21/24 10:32	10/21/24 18:21	1
1,4-Dichlorobenzene	ND		5.4	0.95	ug/Kg	☼	10/21/24 10:32	10/21/24 18:21	1
2-Butanone (MEK)	ND		21	3.8	ug/Kg	☼	10/21/24 10:32	10/21/24 18:21	1
2-Hexanone	ND		21	4.4	ug/Kg	☼	10/21/24 10:32	10/21/24 18:21	1
4-Methyl-2-pentanone (MIBK)	ND		21	4.0	ug/Kg	☼	10/21/24 10:32	10/21/24 18:21	1
Acetone	ND		27	23	ug/Kg	☼	10/21/24 10:32	10/21/24 18:21	1
Benzene	ND		5.4	1.6	ug/Kg	☼	10/21/24 10:32	10/21/24 18:21	1
Dichlorobromomethane	ND		5.4	1.6	ug/Kg	☼	10/21/24 10:32	10/21/24 18:21	1
Bromoform	ND		5.4	2.6	ug/Kg	☼	10/21/24 10:32	10/21/24 18:21	1
Bromomethane	ND		5.4	4.5	ug/Kg	☼	10/21/24 10:32	10/21/24 18:21	1
Carbon disulfide	ND		5.4	1.3	ug/Kg	☼	10/21/24 10:32	10/21/24 18:21	1
Carbon tetrachloride	ND		5.4	3.5	ug/Kg	☼	10/21/24 10:32	10/21/24 18:21	1
Chlorobenzene	ND		5.4	0.98	ug/Kg	☼	10/21/24 10:32	10/21/24 18:21	1
Chloroethane	ND		5.4	2.9	ug/Kg	☼	10/21/24 10:32	10/21/24 18:21	1
Chloroform	ND		5.4	1.9	ug/Kg	☼	10/21/24 10:32	10/21/24 18:21	1
Chloromethane	ND		5.4	2.5	ug/Kg	☼	10/21/24 10:32	10/21/24 18:21	1
cis-1,2-Dichloroethene	ND		5.4	1.6	ug/Kg	☼	10/21/24 10:32	10/21/24 18:21	1
cis-1,3-Dichloropropene	ND		5.4	3.1	ug/Kg	☼	10/21/24 10:32	10/21/24 18:21	1
Cyclohexane	ND		11	1.5	ug/Kg	☼	10/21/24 10:32	10/21/24 18:21	1
Chlorodibromomethane	ND		5.4	3.0	ug/Kg	☼	10/21/24 10:32	10/21/24 18:21	1
Dichlorodifluoromethane	ND		5.4	2.4	ug/Kg	☼	10/21/24 10:32	10/21/24 18:21	1
Ethylbenzene	ND		5.4	1.1	ug/Kg	☼	10/21/24 10:32	10/21/24 18:21	1
Isopropylbenzene	ND		5.4	2.1	ug/Kg	☼	10/21/24 10:32	10/21/24 18:21	1
Methyl acetate	ND		27	3.7	ug/Kg	☼	10/21/24 10:32	10/21/24 18:21	1
Methyl tert-butyl ether	ND		5.4	2.1	ug/Kg	☼	10/21/24 10:32	10/21/24 18:21	1
Methylcyclohexane	ND		11	1.3	ug/Kg	☼	10/21/24 10:32	10/21/24 18:21	1
Methylene Chloride	ND		27	13	ug/Kg	☼	10/21/24 10:32	10/21/24 18:21	1
Styrene	ND		5.4	1.2	ug/Kg	☼	10/21/24 10:32	10/21/24 18:21	1
Tetrachloroethene	ND		5.4	2.1	ug/Kg	☼	10/21/24 10:32	10/21/24 18:21	1
Toluene	ND		5.4	0.83	ug/Kg	☼	10/21/24 10:32	10/21/24 18:21	1
trans-1,2-Dichloroethene	ND		5.4	1.5	ug/Kg	☼	10/21/24 10:32	10/21/24 18:21	1
trans-1,3-Dichloropropene	ND		5.4	2.0	ug/Kg	☼	10/21/24 10:32	10/21/24 18:21	1
Trichloroethene	ND		5.4	1.5	ug/Kg	☼	10/21/24 10:32	10/21/24 18:21	1
Trichlorofluoromethane	ND		5.4	2.9	ug/Kg	☼	10/21/24 10:32	10/21/24 18:21	1
Vinyl chloride	ND		5.4	1.9	ug/Kg	☼	10/21/24 10:32	10/21/24 18:21	1
Xylenes, Total	ND		11	1.7	ug/Kg	☼	10/21/24 10:32	10/21/24 18:21	1

Client Sample ID: SB-21-12.0-14.0
Date Collected: 10/16/24 09:49
Date Received: 10/16/24 16:16

Lab Sample ID: 240-213229-3
Matrix: Solid
Percent Solids: 88.9

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
Toluene-d8 (Surr)	*97*		*56 - 125*	*10/21/24 10:32*	*10/21/24 18:21*	*1*
Dibromofluoromethane (Surr)	*100*		*41 - 138*	*10/21/24 10:32*	*10/21/24 18:21*	*1*
4-Bromofluorobenzene (Surr)	*86*		*41 - 143*	*10/21/24 10:32*	*10/21/24 18:21*	*1*
1,2-Dichloroethane-d4 (Surr)	*98*		*58 - 125*	*10/21/24 10:32*	*10/21/24 18:21*	*1*

Method: SW846 8270E - Semivolatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1'-Biphenyl	ND		110	32	ug/Kg	☼	10/23/24 09:10	10/24/24 11:04	1
bis (2-chloroisopropyl) ether	ND		110	30	ug/Kg	☼	10/23/24 09:10	10/24/24 11:04	1
2,4,5-Trichlorophenol	ND		170	38	ug/Kg	☼	10/23/24 09:10	10/24/24 11:04	1
2,4,6-Trichlorophenol	ND		170	33	ug/Kg	☼	10/23/24 09:10	10/24/24 11:04	1
2,4-Dichlorophenol	ND		170	31	ug/Kg	☼	10/23/24 09:10	10/24/24 11:04	1
2,4-Dimethylphenol	ND		170	41	ug/Kg	☼	10/23/24 09:10	10/24/24 11:04	1
2,4-Dinitrophenol	ND		380	200	ug/Kg	☼	10/23/24 09:10	10/24/24 11:04	1
2,4-Dinitrotoluene	ND		230	26	ug/Kg	☼	10/23/24 09:10	10/24/24 11:04	1
2,6-Dinitrotoluene	ND		230	41	ug/Kg	☼	10/23/24 09:10	10/24/24 11:04	1
2-Chloronaphthalene	ND		110	32	ug/Kg	☼	10/23/24 09:10	10/24/24 11:04	1
2-Chlorophenol	ND		110	30	ug/Kg	☼	10/23/24 09:10	10/24/24 11:04	1
2-Methylnaphthalene	ND		46	15	ug/Kg	☼	10/23/24 09:10	10/24/24 11:04	1
2-Methylphenol	ND		230	47	ug/Kg	☼	10/23/24 09:10	10/24/24 11:04	1
2-Nitroaniline	ND		230	44	ug/Kg	☼	10/23/24 09:10	10/24/24 11:04	1
2-Nitrophenol	ND		110	40	ug/Kg	☼	10/23/24 09:10	10/24/24 11:04	1
3,3'-Dichlorobenzidine	ND		170	110	ug/Kg	☼	10/23/24 09:10	10/24/24 11:04	1
3-Nitroaniline	ND		230	40	ug/Kg	☼	10/23/24 09:10	10/24/24 11:04	1
4,6-Dinitro-2-methylphenol	ND		380	120	ug/Kg	☼	10/23/24 09:10	10/24/24 11:04	1
4-Bromophenyl phenyl ether	ND		110	37	ug/Kg	☼	10/23/24 09:10	10/24/24 11:04	1
4-Chloro-3-methylphenol	ND		170	44	ug/Kg	☼	10/23/24 09:10	10/24/24 11:04	1
4-Chloroaniline	ND		170	18	ug/Kg	☼	10/23/24 09:10	10/24/24 11:04	1
4-Chlorophenyl phenyl ether	ND		110	32	ug/Kg	☼	10/23/24 09:10	10/24/24 11:04	1
4-Nitroaniline	ND		230	30	ug/Kg	☼	10/23/24 09:10	10/24/24 11:04	1
4-Nitrophenol	ND		380	100	ug/Kg	☼	10/23/24 09:10	10/24/24 11:04	1
Acenaphthene	ND		46	16	ug/Kg	☼	10/23/24 09:10	10/24/24 11:04	1
Acenaphthylene	ND		46	17	ug/Kg	☼	10/23/24 09:10	10/24/24 11:04	1
Acetophenone	ND		110	29	ug/Kg	☼	10/23/24 09:10	10/24/24 11:04	1
Anthracene	ND		46	14	ug/Kg	☼	10/23/24 09:10	10/24/24 11:04	1
Atrazine	ND		380	79	ug/Kg	☼	10/23/24 09:10	10/24/24 11:04	1
Benzaldehyde	ND	*-	380	64	ug/Kg	☼	10/23/24 09:10	10/24/24 11:04	1
Benzo[a]anthracene	ND		46	17	ug/Kg	☼	10/23/24 09:10	10/24/24 11:04	1
Benzo[a]pyrene	ND		46	16	ug/Kg	☼	10/23/24 09:10	10/24/24 11:04	1
Benzo[b]fluoranthene	ND		46	14	ug/Kg	☼	10/23/24 09:10	10/24/24 11:04	1
Benzo[g,h,i]perylene	ND		46	31	ug/Kg	☼	10/23/24 09:10	10/24/24 11:04	1
Benzo[k]fluoranthene	ND		46	11	ug/Kg	☼	10/23/24 09:10	10/24/24 11:04	1
Bis(2-chloroethoxy)methane	ND		110	23	ug/Kg	☼	10/23/24 09:10	10/24/24 11:04	1
Bis(2-chloroethyl)ether	ND		110	25	ug/Kg	☼	10/23/24 09:10	10/24/24 11:04	1
Bis(2-ethylhexyl) phthalate	**65**	**J**	170	64	ug/Kg	☼	10/23/24 09:10	10/24/24 11:04	1
Butyl benzyl phthalate	ND		170	58	ug/Kg	☼	10/23/24 09:10	10/24/24 11:04	1
Caprolactam	ND		380	79	ug/Kg	☼	10/23/24 09:10	10/24/24 11:04	1
Carbazole	ND		110	31	ug/Kg	☼	10/23/24 09:10	10/24/24 11:04	1
Chrysene	ND		46	16	ug/Kg	☼	10/23/24 09:10	10/24/24 11:04	1
Dibenz(a,h)anthracene	ND		46	17	ug/Kg	☼	10/23/24 09:10	10/24/24 11:04	1

Client Sample ID: SB-21-12.0-14.0
Date Collected: 10/16/24 09:49
Date Received: 10/16/24 16:16

Lab Sample ID: 240-213229-3
Matrix: Solid
Percent Solids: 88.9

Method: SW846 8270E - Semivolatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Dibenzofuran	ND		110	33	ug/Kg	☼	10/23/24 09:10	10/24/24 11:04	1
Diethyl phthalate	ND		170	49	ug/Kg	☼	10/23/24 09:10	10/24/24 11:04	1
Dimethyl phthalate	ND		170	46	ug/Kg	☼	10/23/24 09:10	10/24/24 11:04	1
Di-n-butyl phthalate	ND		170	58	ug/Kg	☼	10/23/24 09:10	10/24/24 11:04	1
Di-n-octyl phthalate	ND		170	57	ug/Kg	☼	10/23/24 09:10	10/24/24 11:04	1
Fluoranthene	ND		46	16	ug/Kg	☼	10/23/24 09:10	10/24/24 11:04	1
Fluorene	ND		46	16	ug/Kg	☼	10/23/24 09:10	10/24/24 11:04	1
Hexachlorobenzene	ND		46	16	ug/Kg	☼	10/23/24 09:10	10/24/24 11:04	1
Hexachlorobutadiene	ND		110	24	ug/Kg	☼	10/23/24 09:10	10/24/24 11:04	1
Hexachlorocyclopentadiene	ND		380	45	ug/Kg	☼	10/23/24 09:10	10/24/24 11:04	1
Hexachloroethane	ND		110	37	ug/Kg	☼	10/23/24 09:10	10/24/24 11:04	1
Indeno[1,2,3-cd]pyrene	ND		46	14	ug/Kg	☼	10/23/24 09:10	10/24/24 11:04	1
Isophorone	ND		110	30	ug/Kg	☼	10/23/24 09:10	10/24/24 11:04	1
N-Nitrosodi-n-propylamine	ND		110	42	ug/Kg	☼	10/23/24 09:10	10/24/24 11:04	1
N-Nitrosodiphenylamine	ND		110	31	ug/Kg	☼	10/23/24 09:10	10/24/24 11:04	1
Naphthalene	ND		46	15	ug/Kg	☼	10/23/24 09:10	10/24/24 11:04	1
Nitrobenzene	ND		110	25	ug/Kg	☼	10/23/24 09:10	10/24/24 11:04	1
Pentachlorophenol	ND		310	120	ug/Kg	☼	10/23/24 09:10	10/24/24 11:04	1
Phenanthrene	ND		46	15	ug/Kg	☼	10/23/24 09:10	10/24/24 11:04	1
Phenol	ND		110	44	ug/Kg	☼	10/23/24 09:10	10/24/24 11:04	1
Pyrene	ND		46	18	ug/Kg	☼	10/23/24 09:10	10/24/24 11:04	1
3 & 4 Methylphenol	ND		460	47	ug/Kg	☼	10/23/24 09:10	10/24/24 11:04	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Terphenyl-d14 (Surr)	*69*		*37 - 120*	*10/23/24 09:10*	*10/24/24 11:04*	*1*
Phenol-d5 (Surr)	*65*		*29 - 120*	*10/23/24 09:10*	*10/24/24 11:04*	*1*
Nitrobenzene-d5 (Surr)	*52*		*28 - 120*	*10/23/24 09:10*	*10/24/24 11:04*	*1*
2-Fluorophenol (Surr)	*63*		*26 - 120*	*10/23/24 09:10*	*10/24/24 11:04*	*1*
2-Fluorobiphenyl (Surr)	*59*		*36 - 120*	*10/23/24 09:10*	*10/24/24 11:04*	*1*
2,4,6-Tribromophenol (Surr)	*58*		*10 - 120*	*10/23/24 09:10*	*10/24/24 11:04*	*1*

Method: SW846 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aroclor-1016	ND		56	28	ug/Kg	☼	10/22/24 09:44	10/23/24 11:04	1
Aroclor-1221	ND		56	33	ug/Kg	☼	10/22/24 09:44	10/23/24 11:04	1
Aroclor-1232	ND		56	23	ug/Kg	☼	10/22/24 09:44	10/23/24 11:04	1
Aroclor-1242	ND		56	21	ug/Kg	☼	10/22/24 09:44	10/23/24 11:04	1
Aroclor-1248	ND		56	19	ug/Kg	☼	10/22/24 09:44	10/23/24 11:04	1
Aroclor-1254	ND		56	23	ug/Kg	☼	10/22/24 09:44	10/23/24 11:04	1
Aroclor-1260	ND		56	23	ug/Kg	☼	10/22/24 09:44	10/23/24 11:04	1
Aroclor-1262	ND		56	24	ug/Kg	☼	10/22/24 09:44	10/23/24 11:04	1
Aroclor-1268	ND		56	18	ug/Kg	☼	10/22/24 09:44	10/23/24 11:04	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Tetrachloro-m-xylene	*72*		*10 - 149*	*10/22/24 09:44*	*10/23/24 11:04*	*1*
DCB Decachlorobiphenyl	*78*		*10 - 174*	*10/22/24 09:44*	*10/23/24 11:04*	*1*

Method: SW846 6010D - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	**15**		1.5	0.31	mg/Kg	☼	10/18/24 15:00	10/21/24 22:43	1

Client: August Mack Environmental, Inc.
Project/Site: MSC Canfield

Job ID: 240-213229-1

Client Sample ID: SB-21-12.0-14.0
Date Collected: 10/16/24 09:49
Date Received: 10/16/24 16:16

Lab Sample ID: 240-213229-3
Matrix: Solid
Percent Solids: 88.9

Method: SW846 6010D - Metals (ICP) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Barium	24		20	0.12	mg/Kg	☼	10/18/24 15:00	10/21/24 22:43	1
Cadmium	0.071	J	0.49	0.047	mg/Kg	☼	10/18/24 15:00	10/21/24 22:43	1
Chromium	11		0.98	0.34	mg/Kg	☼	10/18/24 15:00	10/21/24 22:43	1
Copper	19		2.4	0.69	mg/Kg	☼	10/18/24 15:00	10/21/24 22:43	1
Lead	11		0.98	0.28	mg/Kg	☼	10/18/24 15:00	10/21/24 22:43	1
Selenium	ND		2.0	0.46	mg/Kg	☼	10/18/24 15:00	10/21/24 22:43	1
Silver	ND		0.98	0.079	mg/Kg	☼	10/18/24 15:00	10/21/24 22:43	1
Zinc	68		4.9	3.5	mg/Kg	☼	10/18/24 15:00	10/21/24 22:43	1

Method: SW846 7471B - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	ND		0.11	0.020	mg/Kg	☼	10/18/24 15:00	10/21/24 12:38	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cr (VI) (SW846 7196A)	ND		0.46	0.15	mg/Kg	☼	10/28/24 10:33	10/29/24 20:02	1
Cyanide, Total (SW846 9012B)	0.63	J	0.67	0.53	mg/Kg	☼	10/24/24 09:27	10/24/24 17:47	1

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Solids (EPA Moisture)	88.9		0.1	0.1	%			10/17/24 17:33	1
Percent Moisture (EPA Moisture)	11.1		0.1	0.1	%			10/17/24 17:33	1

General Chemistry - ASTM Leach

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cyanide, Free (OI CORP OIA-1677)	ND		0.0060	0.0050	mg/L			10/30/24 14:49	1

Client: August Mack Environmental, Inc.
Project/Site: MSC Canfield

Job ID: 240-213229-1

Client Sample ID: SB-21-16.0-18.0
Date Collected: 10/16/24 09:55
Date Received: 10/16/24 16:16

Lab Sample ID: 240-213229-4
Matrix: Solid
Percent Solids: 86.8

Method: SW846 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		5.7	2.0	ug/Kg	☼	10/22/24 10:32	10/22/24 17:26	1
1,1,2,2-Tetrachloroethane	ND		5.7	1.6	ug/Kg	☼	10/22/24 10:32	10/22/24 17:26	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		5.7	1.5	ug/Kg	☼	10/22/24 10:32	10/22/24 17:26	1
1,1,2-Trichloroethane	ND		5.7	1.3	ug/Kg	☼	10/22/24 10:32	10/22/24 17:26	1
1,1-Dichloroethane	ND		5.7	1.6	ug/Kg	☼	10/22/24 10:32	10/22/24 17:26	1
1,1-Dichloroethene	ND		5.7	2.1	ug/Kg	☼	10/22/24 10:32	10/22/24 17:26	1
1,2,4-Trichlorobenzene	ND		5.7	2.8	ug/Kg	☼	10/22/24 10:32	10/22/24 17:26	1
1,2-Dibromo-3-Chloropropane	ND		11	4.1	ug/Kg	☼	10/22/24 10:32	10/22/24 17:26	1
Ethylene Dibromide	ND		5.7	1.9	ug/Kg	☼	10/22/24 10:32	10/22/24 17:26	1
1,2-Dichlorobenzene	ND		5.7	1.3	ug/Kg	☼	10/22/24 10:32	10/22/24 17:26	1
1,2-Dichloroethane	ND		5.7	2.0	ug/Kg	☼	10/22/24 10:32	10/22/24 17:26	1
1,2-Dichloropropane	ND		5.7	0.97	ug/Kg	☼	10/22/24 10:32	10/22/24 17:26	1
1,3-Dichlorobenzene	ND		5.7	1.9	ug/Kg	☼	10/22/24 10:32	10/22/24 17:26	1
1,4-Dichlorobenzene	ND		5.7	1.0	ug/Kg	☼	10/22/24 10:32	10/22/24 17:26	1
2-Butanone (MEK)	ND		23	4.0	ug/Kg	☼	10/22/24 10:32	10/22/24 17:26	1
2-Hexanone	ND		23	4.6	ug/Kg	☼	10/22/24 10:32	10/22/24 17:26	1
4-Methyl-2-pentanone (MIBK)	ND		23	4.2	ug/Kg	☼	10/22/24 10:32	10/22/24 17:26	1
Acetone	ND		28	24	ug/Kg	☼	10/22/24 10:32	10/22/24 17:26	1
Benzene	ND		5.7	1.7	ug/Kg	☼	10/22/24 10:32	10/22/24 17:26	1
Dichlorobromomethane	ND		5.7	1.7	ug/Kg	☼	10/22/24 10:32	10/22/24 17:26	1
Bromoform	ND		5.7	2.7	ug/Kg	☼	10/22/24 10:32	10/22/24 17:26	1
Bromomethane	ND		5.7	4.7	ug/Kg	☼	10/22/24 10:32	10/22/24 17:26	1
Carbon disulfide	ND		5.7	1.3	ug/Kg	☼	10/22/24 10:32	10/22/24 17:26	1
Carbon tetrachloride	ND		5.7	3.7	ug/Kg	☼	10/22/24 10:32	10/22/24 17:26	1
Chlorobenzene	ND		5.7	1.0	ug/Kg	☼	10/22/24 10:32	10/22/24 17:26	1
Chloroethane	ND		5.7	3.1	ug/Kg	☼	10/22/24 10:32	10/22/24 17:26	1
Chloroform	ND		5.7	2.0	ug/Kg	☼	10/22/24 10:32	10/22/24 17:26	1
Chloromethane	ND		5.7	2.6	ug/Kg	☼	10/22/24 10:32	10/22/24 17:26	1
cis-1,2-Dichloroethene	ND		5.7	1.7	ug/Kg	☼	10/22/24 10:32	10/22/24 17:26	1
cis-1,3-Dichloropropene	ND		5.7	3.3	ug/Kg	☼	10/22/24 10:32	10/22/24 17:26	1
Cyclohexane	ND		11	1.6	ug/Kg	☼	10/22/24 10:32	10/22/24 17:26	1
Chlorodibromomethane	ND		5.7	3.2	ug/Kg	☼	10/22/24 10:32	10/22/24 17:26	1
Dichlorodifluoromethane	ND		5.7	2.6	ug/Kg	☼	10/22/24 10:32	10/22/24 17:26	1
Ethylbenzene	ND		5.7	1.2	ug/Kg	☼	10/22/24 10:32	10/22/24 17:26	1
Isopropylbenzene	ND		5.7	2.2	ug/Kg	☼	10/22/24 10:32	10/22/24 17:26	1
Methyl acetate	ND		28	3.9	ug/Kg	☼	10/22/24 10:32	10/22/24 17:26	1
Methyl tert-butyl ether	ND		5.7	2.2	ug/Kg	☼	10/22/24 10:32	10/22/24 17:26	1
Methylcyclohexane	ND		11	1.4	ug/Kg	☼	10/22/24 10:32	10/22/24 17:26	1
Methylene Chloride	ND		28	14	ug/Kg	☼	10/22/24 10:32	10/22/24 17:26	1
Styrene	ND		5.7	1.3	ug/Kg	☼	10/22/24 10:32	10/22/24 17:26	1
Tetrachloroethene	ND		5.7	2.2	ug/Kg	☼	10/22/24 10:32	10/22/24 17:26	1
Toluene	ND		5.7	0.88	ug/Kg	☼	10/22/24 10:32	10/22/24 17:26	1
trans-1,2-Dichloroethene	ND		5.7	1.6	ug/Kg	☼	10/22/24 10:32	10/22/24 17:26	1
trans-1,3-Dichloropropene	ND		5.7	2.1	ug/Kg	☼	10/22/24 10:32	10/22/24 17:26	1
Trichloroethene	ND		5.7	1.6	ug/Kg	☼	10/22/24 10:32	10/22/24 17:26	1
Trichlorofluoromethane	ND		5.7	3.1	ug/Kg	☼	10/22/24 10:32	10/22/24 17:26	1
Vinyl chloride	ND		5.7	2.0	ug/Kg	☼	10/22/24 10:32	10/22/24 17:26	1
Xylenes, Total	ND		11	1.8	ug/Kg	☼	10/22/24 10:32	10/22/24 17:26	1

Client Sample ID: SB-21-16.0-18.0
Date Collected: 10/16/24 09:55
Date Received: 10/16/24 16:16

Lab Sample ID: 240-213229-4
Matrix: Solid
Percent Solids: 86.8

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Toluene-d8 (Surr)	*100*		*56 - 125*	*10/22/24 10:32*	*10/22/24 17:26*	*1*
Dibromofluoromethane (Surr)	*98*		*41 - 138*	*10/22/24 10:32*	*10/22/24 17:26*	*1*
4-Bromofluorobenzene (Surr)	*92*		*41 - 143*	*10/22/24 10:32*	*10/22/24 17:26*	*1*
1,2-Dichloroethane-d4 (Surr)	*101*		*58 - 125*	*10/22/24 10:32*	*10/22/24 17:26*	*1*

Method: SW846 8270E - Semivolatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1'-Biphenyl	ND		110	32	ug/Kg	☼	10/23/24 09:10	10/24/24 11:28	1
bis (2-chloroisopropyl) ether	ND		110	30	ug/Kg	☼	10/23/24 09:10	10/24/24 11:28	1
2,4,5-Trichlorophenol	ND		170	38	ug/Kg	☼	10/23/24 09:10	10/24/24 11:28	1
2,4,6-Trichlorophenol	ND		170	33	ug/Kg	☼	10/23/24 09:10	10/24/24 11:28	1
2,4-Dichlorophenol	ND		170	31	ug/Kg	☼	10/23/24 09:10	10/24/24 11:28	1
2,4-Dimethylphenol	ND		170	41	ug/Kg	☼	10/23/24 09:10	10/24/24 11:28	1
2,4-Dinitrophenol	ND		380	200	ug/Kg	☼	10/23/24 09:10	10/24/24 11:28	1
2,4-Dinitrotoluene	ND		230	26	ug/Kg	☼	10/23/24 09:10	10/24/24 11:28	1
2,6-Dinitrotoluene	ND		230	41	ug/Kg	☼	10/23/24 09:10	10/24/24 11:28	1
2-Chloronaphthalene	ND		110	32	ug/Kg	☼	10/23/24 09:10	10/24/24 11:28	1
2-Chlorophenol	ND		110	30	ug/Kg	☼	10/23/24 09:10	10/24/24 11:28	1
2-Methylnaphthalene	ND		46	15	ug/Kg	☼	10/23/24 09:10	10/24/24 11:28	1
2-Methylphenol	ND		230	47	ug/Kg	☼	10/23/24 09:10	10/24/24 11:28	1
2-Nitroaniline	ND		230	44	ug/Kg	☼	10/23/24 09:10	10/24/24 11:28	1
2-Nitrophenol	ND		110	40	ug/Kg	☼	10/23/24 09:10	10/24/24 11:28	1
3,3'-Dichlorobenzidine	ND		170	110	ug/Kg	☼	10/23/24 09:10	10/24/24 11:28	1
3-Nitroaniline	ND		230	40	ug/Kg	☼	10/23/24 09:10	10/24/24 11:28	1
4,6-Dinitro-2-methylphenol	ND		380	120	ug/Kg	☼	10/23/24 09:10	10/24/24 11:28	1
4-Bromophenyl phenyl ether	ND		110	37	ug/Kg	☼	10/23/24 09:10	10/24/24 11:28	1
4-Chloro-3-methylphenol	ND		170	44	ug/Kg	☼	10/23/24 09:10	10/24/24 11:28	1
4-Chloroaniline	ND		170	18	ug/Kg	☼	10/23/24 09:10	10/24/24 11:28	1
4-Chlorophenyl phenyl ether	ND		110	32	ug/Kg	☼	10/23/24 09:10	10/24/24 11:28	1
4-Nitroaniline	ND		230	30	ug/Kg	☼	10/23/24 09:10	10/24/24 11:28	1
4-Nitrophenol	ND		380	100	ug/Kg	☼	10/23/24 09:10	10/24/24 11:28	1
Acenaphthene	ND		46	16	ug/Kg	☼	10/23/24 09:10	10/24/24 11:28	1
Acenaphthylene	ND		46	17	ug/Kg	☼	10/23/24 09:10	10/24/24 11:28	1
Acetophenone	ND		110	29	ug/Kg	☼	10/23/24 09:10	10/24/24 11:28	1
Anthracene	ND		46	14	ug/Kg	☼	10/23/24 09:10	10/24/24 11:28	1
Atrazine	ND		380	79	ug/Kg	☼	10/23/24 09:10	10/24/24 11:28	1
Benzaldehyde	ND	*-	380	64	ug/Kg	☼	10/23/24 09:10	10/24/24 11:28	1
Benzo[a]anthracene	ND		46	17	ug/Kg	☼	10/23/24 09:10	10/24/24 11:28	1
Benzo[a]pyrene	ND		46	16	ug/Kg	☼	10/23/24 09:10	10/24/24 11:28	1
Benzo[b]fluoranthene	ND		46	14	ug/Kg	☼	10/23/24 09:10	10/24/24 11:28	1
Benzo[g,h,i]perylene	ND		46	31	ug/Kg	☼	10/23/24 09:10	10/24/24 11:28	1
Benzo[k]fluoranthene	ND		46	11	ug/Kg	☼	10/23/24 09:10	10/24/24 11:28	1
Bis(2-chloroethoxy)methane	ND		110	23	ug/Kg	☼	10/23/24 09:10	10/24/24 11:28	1
Bis(2-chloroethyl)ether	ND		110	25	ug/Kg	☼	10/23/24 09:10	10/24/24 11:28	1
Bis(2-ethylhexyl) phthalate	ND		170	64	ug/Kg	☼	10/23/24 09:10	10/24/24 11:28	1
Butyl benzyl phthalate	ND		170	59	ug/Kg	☼	10/23/24 09:10	10/24/24 11:28	1
Caprolactam	ND		380	79	ug/Kg	☼	10/23/24 09:10	10/24/24 11:28	1
Carbazole	ND		110	31	ug/Kg	☼	10/23/24 09:10	10/24/24 11:28	1
Chrysene	ND		46	16	ug/Kg	☼	10/23/24 09:10	10/24/24 11:28	1
Dibenz(a,h)anthracene	ND		46	17	ug/Kg	☼	10/23/24 09:10	10/24/24 11:28	1

Client Sample ID: SB-21-16.0-18.0
Date Collected: 10/16/24 09:55
Date Received: 10/16/24 16:16

Lab Sample ID: 240-213229-4
Matrix: Solid
Percent Solids: 86.8

Method: SW846 8270E - Semivolatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Dibenzofuran	ND		110	33	ug/Kg	☼	10/23/24 09:10	10/24/24 11:28	1
Diethyl phthalate	ND		170	49	ug/Kg	☼	10/23/24 09:10	10/24/24 11:28	1
Dimethyl phthalate	ND		170	46	ug/Kg	☼	10/23/24 09:10	10/24/24 11:28	1
Di-n-butyl phthalate	ND		170	59	ug/Kg	☼	10/23/24 09:10	10/24/24 11:28	1
Di-n-octyl phthalate	ND		170	57	ug/Kg	☼	10/23/24 09:10	10/24/24 11:28	1
Fluoranthene	ND		46	16	ug/Kg	☼	10/23/24 09:10	10/24/24 11:28	1
Fluorene	ND		46	16	ug/Kg	☼	10/23/24 09:10	10/24/24 11:28	1
Hexachlorobenzene	ND		46	16	ug/Kg	☼	10/23/24 09:10	10/24/24 11:28	1
Hexachlorobutadiene	ND		110	24	ug/Kg	☼	10/23/24 09:10	10/24/24 11:28	1
Hexachlorocyclopentadiene	ND		380	45	ug/Kg	☼	10/23/24 09:10	10/24/24 11:28	1
Hexachloroethane	ND		110	37	ug/Kg	☼	10/23/24 09:10	10/24/24 11:28	1
Indeno[1,2,3-cd]pyrene	ND		46	14	ug/Kg	☼	10/23/24 09:10	10/24/24 11:28	1
Isophorone	ND		110	30	ug/Kg	☼	10/23/24 09:10	10/24/24 11:28	1
N-Nitrosodi-n-propylamine	ND		110	42	ug/Kg	☼	10/23/24 09:10	10/24/24 11:28	1
N-Nitrosodiphenylamine	ND		110	31	ug/Kg	☼	10/23/24 09:10	10/24/24 11:28	1
Naphthalene	ND		46	15	ug/Kg	☼	10/23/24 09:10	10/24/24 11:28	1
Nitrobenzene	ND		110	25	ug/Kg	☼	10/23/24 09:10	10/24/24 11:28	1
Pentachlorophenol	ND		310	120	ug/Kg	☼	10/23/24 09:10	10/24/24 11:28	1
Phenanthrene	**16**	**J**	46	15	ug/Kg	☼	10/23/24 09:10	10/24/24 11:28	1
Phenol	ND		110	44	ug/Kg	☼	10/23/24 09:10	10/24/24 11:28	1
Pyrene	ND		46	18	ug/Kg	☼	10/23/24 09:10	10/24/24 11:28	1
3 & 4 Methylphenol	ND		460	47	ug/Kg	☼	10/23/24 09:10	10/24/24 11:28	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Terphenyl-d14 (Surr)	*71*		*37 - 120*	*10/23/24 09:10*	*10/24/24 11:28*	*1*
Phenol-d5 (Surr)	*64*		*29 - 120*	*10/23/24 09:10*	*10/24/24 11:28*	*1*
Nitrobenzene-d5 (Surr)	*51*		*28 - 120*	*10/23/24 09:10*	*10/24/24 11:28*	*1*
2-Fluorophenol (Surr)	*62*		*26 - 120*	*10/23/24 09:10*	*10/24/24 11:28*	*1*
2-Fluorobiphenyl (Surr)	*58*		*36 - 120*	*10/23/24 09:10*	*10/24/24 11:28*	*1*
2,4,6-Tribromophenol (Surr)	*70*		*10 - 120*	*10/23/24 09:10*	*10/24/24 11:28*	*1*

Method: SW846 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aroclor-1016	ND		57	29	ug/Kg	☼	10/22/24 09:44	10/23/24 11:20	1
Aroclor-1221	ND		57	34	ug/Kg	☼	10/22/24 09:44	10/23/24 11:20	1
Aroclor-1232	ND		57	24	ug/Kg	☼	10/22/24 09:44	10/23/24 11:20	1
Aroclor-1242	ND		57	22	ug/Kg	☼	10/22/24 09:44	10/23/24 11:20	1
Aroclor-1248	ND		57	19	ug/Kg	☼	10/22/24 09:44	10/23/24 11:20	1
Aroclor-1254	ND		57	24	ug/Kg	☼	10/22/24 09:44	10/23/24 11:20	1
Aroclor-1260	ND		57	24	ug/Kg	☼	10/22/24 09:44	10/23/24 11:20	1
Aroclor-1262	ND		57	25	ug/Kg	☼	10/22/24 09:44	10/23/24 11:20	1
Aroclor-1268	ND		57	18	ug/Kg	☼	10/22/24 09:44	10/23/24 11:20	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Tetrachloro-m-xylene	*67*		*10 - 149*	*10/22/24 09:44*	*10/23/24 11:20*	*1*
DCB Decachlorobiphenyl	*73*		*10 - 174*	*10/22/24 09:44*	*10/23/24 11:20*	*1*

Method: SW846 6010D - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	**11**		1.3	0.28	mg/Kg	☼	10/18/24 15:00	10/21/24 22:47	1

Client: August Mack Environmental, Inc.
Project/Site: MSC Canfield

Job ID: 240-213229-1

Client Sample ID: SB-21-16.0-18.0
Date Collected: 10/16/24 09:55
Date Received: 10/16/24 16:16

Lab Sample ID: 240-213229-4
Matrix: Solid
Percent Solids: 86.8

Method: SW846 6010D - Metals (ICP) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Barium	20		18	0.11	mg/Kg	☼	10/18/24 15:00	10/21/24 22:47	1
Cadmium	0.074	J	0.44	0.043	mg/Kg	☼	10/18/24 15:00	10/21/24 22:47	1
Chromium	15		0.89	0.30	mg/Kg	☼	10/18/24 15:00	10/21/24 22:47	1
Copper	19		2.2	0.62	mg/Kg	☼	10/18/24 15:00	10/21/24 22:47	1
Lead	11		0.89	0.25	mg/Kg	☼	10/18/24 15:00	10/21/24 22:47	1
Selenium	ND		1.8	0.42	mg/Kg	☼	10/18/24 15:00	10/21/24 22:47	1
Silver	ND		0.89	0.072	mg/Kg	☼	10/18/24 15:00	10/21/24 22:47	1
Zinc	64		4.4	3.2	mg/Kg	☼	10/18/24 15:00	10/21/24 22:47	1

Method: SW846 7471B - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	ND		0.10	0.019	mg/Kg	☼	10/18/24 15:00	10/21/24 12:39	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cr (VI) (SW846 7196A)	ND		0.48	0.16	mg/Kg	☼	10/28/24 10:33	10/29/24 20:02	1
Cyanide, Total (SW846 9012B)	ND		0.65	0.52	mg/Kg	☼	10/24/24 09:27	10/24/24 17:49	1

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Solids (EPA Moisture)	86.9		0.1	0.1	%			10/17/24 17:34	1
Percent Moisture (EPA Moisture)	13.1		0.1	0.1	%			10/17/24 17:34	1

General Chemistry - ASTM Leach

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cyanide, Free (OI CORP OIA-1677)	ND		0.0060	0.0050	mg/L			10/30/24 14:57	1

Client: August Mack Environmental, Inc.
Project/Site: MSC Canfield

Job ID: 240-213229-1

Client Sample ID: SB-13-18-20
Date Collected: 10/16/24 11:50
Date Received: 10/16/24 16:16

Lab Sample ID: 240-213229-5
Matrix: Solid
Percent Solids: 86.1

Method: SW846 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		5.3	1.9	ug/Kg	☼	10/21/24 10:32	10/21/24 19:04	1
1,1,2,2-Tetrachloroethane	ND		5.3	1.5	ug/Kg	☼	10/21/24 10:32	10/21/24 19:04	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		5.3	1.4	ug/Kg	☼	10/21/24 10:32	10/21/24 19:04	1
1,1,2-Trichloroethane	ND		5.3	1.2	ug/Kg	☼	10/21/24 10:32	10/21/24 19:04	1
1,1-Dichloroethane	ND		5.3	1.5	ug/Kg	☼	10/21/24 10:32	10/21/24 19:04	1
1,1-Dichloroethene	ND		5.3	1.9	ug/Kg	☼	10/21/24 10:32	10/21/24 19:04	1
1,2,4-Trichlorobenzene	ND		5.3	2.7	ug/Kg	☼	10/21/24 10:32	10/21/24 19:04	1
1,2-Dibromo-3-Chloropropane	ND		11	3.9	ug/Kg	☼	10/21/24 10:32	10/21/24 19:04	1
Ethylene Dibromide	ND		5.3	1.8	ug/Kg	☼	10/21/24 10:32	10/21/24 19:04	1
1,2-Dichlorobenzene	ND		5.3	1.2	ug/Kg	☼	10/21/24 10:32	10/21/24 19:04	1
1,2-Dichloroethane	ND		5.3	1.9	ug/Kg	☼	10/21/24 10:32	10/21/24 19:04	1
1,2-Dichloropropane	ND		5.3	0.91	ug/Kg	☼	10/21/24 10:32	10/21/24 19:04	1
1,3-Dichlorobenzene	ND		5.3	1.8	ug/Kg	☼	10/21/24 10:32	10/21/24 19:04	1
1,4-Dichlorobenzene	ND		5.3	0.94	ug/Kg	☼	10/21/24 10:32	10/21/24 19:04	1
2-Butanone (MEK)	ND		21	3.8	ug/Kg	☼	10/21/24 10:32	10/21/24 19:04	1
2-Hexanone	ND		21	4.4	ug/Kg	☼	10/21/24 10:32	10/21/24 19:04	1
4-Methyl-2-pentanone (MIBK)	ND		21	4.0	ug/Kg	☼	10/21/24 10:32	10/21/24 19:04	1
Acetone	ND		27	22	ug/Kg	☼	10/21/24 10:32	10/21/24 19:04	1
Benzene	ND		5.3	1.6	ug/Kg	☼	10/21/24 10:32	10/21/24 19:04	1
Dichlorobromomethane	ND		5.3	1.6	ug/Kg	☼	10/21/24 10:32	10/21/24 19:04	1
Bromoform	ND		5.3	2.6	ug/Kg	☼	10/21/24 10:32	10/21/24 19:04	1
Bromomethane	ND		5.3	4.4	ug/Kg	☼	10/21/24 10:32	10/21/24 19:04	1
Carbon disulfide	ND		5.3	1.2	ug/Kg	☼	10/21/24 10:32	10/21/24 19:04	1
Carbon tetrachloride	ND		5.3	3.5	ug/Kg	☼	10/21/24 10:32	10/21/24 19:04	1
Chlorobenzene	ND		5.3	0.98	ug/Kg	☼	10/21/24 10:32	10/21/24 19:04	1
Chloroethane	ND		5.3	2.9	ug/Kg	☼	10/21/24 10:32	10/21/24 19:04	1
Chloroform	ND		5.3	1.9	ug/Kg	☼	10/21/24 10:32	10/21/24 19:04	1
Chloromethane	ND		5.3	2.4	ug/Kg	☼	10/21/24 10:32	10/21/24 19:04	1
cis-1,2-Dichloroethene	ND		5.3	1.6	ug/Kg	☼	10/21/24 10:32	10/21/24 19:04	1
cis-1,3-Dichloropropene	ND		5.3	3.1	ug/Kg	☼	10/21/24 10:32	10/21/24 19:04	1
Cyclohexane	ND		11	1.5	ug/Kg	☼	10/21/24 10:32	10/21/24 19:04	1
Chlorodibromomethane	ND		5.3	3.0	ug/Kg	☼	10/21/24 10:32	10/21/24 19:04	1
Dichlorodifluoromethane	ND		5.3	2.4	ug/Kg	☼	10/21/24 10:32	10/21/24 19:04	1
Ethylbenzene	ND		5.3	1.1	ug/Kg	☼	10/21/24 10:32	10/21/24 19:04	1
Isopropylbenzene	ND		5.3	2.1	ug/Kg	☼	10/21/24 10:32	10/21/24 19:04	1
Methyl acetate	ND		27	3.6	ug/Kg	☼	10/21/24 10:32	10/21/24 19:04	1
Methyl tert-butyl ether	ND		5.3	2.1	ug/Kg	☼	10/21/24 10:32	10/21/24 19:04	1
Methylcyclohexane	ND		11	1.3	ug/Kg	☼	10/21/24 10:32	10/21/24 19:04	1
Methylene Chloride	ND		27	13	ug/Kg	☼	10/21/24 10:32	10/21/24 19:04	1
Styrene	ND		5.3	1.2	ug/Kg	☼	10/21/24 10:32	10/21/24 19:04	1
Tetrachloroethene	ND		5.3	2.1	ug/Kg	☼	10/21/24 10:32	10/21/24 19:04	1
Toluene	ND		5.3	0.83	ug/Kg	☼	10/21/24 10:32	10/21/24 19:04	1
trans-1,2-Dichloroethene	ND		5.3	1.5	ug/Kg	☼	10/21/24 10:32	10/21/24 19:04	1
trans-1,3-Dichloropropene	ND		5.3	1.9	ug/Kg	☼	10/21/24 10:32	10/21/24 19:04	1
Trichloroethene	**81**		5.3	1.5	ug/Kg	☼	10/21/24 10:32	10/21/24 19:04	1
Trichlorofluoromethane	ND		5.3	2.9	ug/Kg	☼	10/21/24 10:32	10/21/24 19:04	1
Vinyl chloride	ND		5.3	1.9	ug/Kg	☼	10/21/24 10:32	10/21/24 19:04	1
Xylenes, Total	ND		11	1.7	ug/Kg	☼	10/21/24 10:32	10/21/24 19:04	1

Client Sample ID: SB-13-18-20
Date Collected: 10/16/24 11:50
Date Received: 10/16/24 16:16

Lab Sample ID: 240-213229-5
Matrix: Solid
Percent Solids: 86.1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Toluene-d8 (Surr)	*98*		*56 - 125*	*10/21/24 10:32*	*10/21/24 19:04*	*1*
Dibromofluoromethane (Surr)	*100*		*41 - 138*	*10/21/24 10:32*	*10/21/24 19:04*	*1*
4-Bromofluorobenzene (Surr)	*87*		*41 - 143*	*10/21/24 10:32*	*10/21/24 19:04*	*1*
1,2-Dichloroethane-d4 (Surr)	*98*		*58 - 125*	*10/21/24 10:32*	*10/21/24 19:04*	*1*

Method: SW846 8270E - Semivolatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1'-Biphenyl	ND		110	32	ug/Kg	☼	10/23/24 09:10	10/24/24 11:52	1
bis (2-chloroisopropyl) ether	ND		110	29	ug/Kg	☼	10/23/24 09:10	10/24/24 11:52	1
2,4,5-Trichlorophenol	ND		170	37	ug/Kg	☼	10/23/24 09:10	10/24/24 11:52	1
2,4,6-Trichlorophenol	ND		170	33	ug/Kg	☼	10/23/24 09:10	10/24/24 11:52	1
2,4-Dichlorophenol	ND		170	30	ug/Kg	☼	10/23/24 09:10	10/24/24 11:52	1
2,4-Dimethylphenol	ND		170	41	ug/Kg	☼	10/23/24 09:10	10/24/24 11:52	1
2,4-Dinitrophenol	ND		370	190	ug/Kg	☼	10/23/24 09:10	10/24/24 11:52	1
2,4-Dinitrotoluene	ND		230	26	ug/Kg	☼	10/23/24 09:10	10/24/24 11:52	1
2,6-Dinitrotoluene	ND		230	41	ug/Kg	☼	10/23/24 09:10	10/24/24 11:52	1
2-Chloronaphthalene	ND		110	32	ug/Kg	☼	10/23/24 09:10	10/24/24 11:52	1
2-Chlorophenol	ND		110	29	ug/Kg	☼	10/23/24 09:10	10/24/24 11:52	1
2-Methylnaphthalene	ND		45	15	ug/Kg	☼	10/23/24 09:10	10/24/24 11:52	1
2-Methylphenol	ND		230	46	ug/Kg	☼	10/23/24 09:10	10/24/24 11:52	1
2-Nitroaniline	ND		230	43	ug/Kg	☼	10/23/24 09:10	10/24/24 11:52	1
2-Nitrophenol	ND		110	39	ug/Kg	☼	10/23/24 09:10	10/24/24 11:52	1
3,3'-Dichlorobenzidine	ND		170	110	ug/Kg	☼	10/23/24 09:10	10/24/24 11:52	1
3-Nitroaniline	ND		230	39	ug/Kg	☼	10/23/24 09:10	10/24/24 11:52	1
4,6-Dinitro-2-methylphenol	ND		370	120	ug/Kg	☼	10/23/24 09:10	10/24/24 11:52	1
4-Bromophenyl phenyl ether	ND		110	36	ug/Kg	☼	10/23/24 09:10	10/24/24 11:52	1
4-Chloro-3-methylphenol	ND		170	43	ug/Kg	☼	10/23/24 09:10	10/24/24 11:52	1
4-Chloroaniline	ND		170	18	ug/Kg	☼	10/23/24 09:10	10/24/24 11:52	1
4-Chlorophenyl phenyl ether	ND		110	32	ug/Kg	☼	10/23/24 09:10	10/24/24 11:52	1
4-Nitroaniline	ND		230	29	ug/Kg	☼	10/23/24 09:10	10/24/24 11:52	1
4-Nitrophenol	ND		370	100	ug/Kg	☼	10/23/24 09:10	10/24/24 11:52	1
Acenaphthene	ND		45	16	ug/Kg	☼	10/23/24 09:10	10/24/24 11:52	1
Acenaphthylene	ND		45	17	ug/Kg	☼	10/23/24 09:10	10/24/24 11:52	1
Acetophenone	ND		110	28	ug/Kg	☼	10/23/24 09:10	10/24/24 11:52	1
Anthracene	ND		45	14	ug/Kg	☼	10/23/24 09:10	10/24/24 11:52	1
Atrazine	ND		370	78	ug/Kg	☼	10/23/24 09:10	10/24/24 11:52	1
Benzaldehyde	ND	*-	370	63	ug/Kg	☼	10/23/24 09:10	10/24/24 11:52	1
Benzo[a]anthracene	ND		45	17	ug/Kg	☼	10/23/24 09:10	10/24/24 11:52	1
Benzo[a]pyrene	ND		45	16	ug/Kg	☼	10/23/24 09:10	10/24/24 11:52	1
Benzo[b]fluoranthene	ND		45	14	ug/Kg	☼	10/23/24 09:10	10/24/24 11:52	1
Benzo[g,h,i]perylene	ND		45	30	ug/Kg	☼	10/23/24 09:10	10/24/24 11:52	1
Benzo[k]fluoranthene	ND		45	11	ug/Kg	☼	10/23/24 09:10	10/24/24 11:52	1
Bis(2-chloroethoxy)methane	ND		110	23	ug/Kg	☼	10/23/24 09:10	10/24/24 11:52	1
Bis(2-chloroethyl)ether	ND		110	25	ug/Kg	☼	10/23/24 09:10	10/24/24 11:52	1
Bis(2-ethylhexyl) phthalate	**77**	**J**	170	63	ug/Kg	☼	10/23/24 09:10	10/24/24 11:52	1
Butyl benzyl phthalate	ND		170	58	ug/Kg	☼	10/23/24 09:10	10/24/24 11:52	1
Caprolactam	ND		370	78	ug/Kg	☼	10/23/24 09:10	10/24/24 11:52	1
Carbazole	ND		110	30	ug/Kg	☼	10/23/24 09:10	10/24/24 11:52	1
Chrysene	ND		45	16	ug/Kg	☼	10/23/24 09:10	10/24/24 11:52	1
Dibenz(a,h)anthracene	ND		45	17	ug/Kg	☼	10/23/24 09:10	10/24/24 11:52	1

Client Sample ID: SB-13-18-20
Date Collected: 10/16/24 11:50
Date Received: 10/16/24 16:16

Lab Sample ID: 240-213229-5
Matrix: Solid
Percent Solids: 86.1

Method: SW846 8270E - Semivolatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Dibenzofuran	ND		110	33	ug/Kg	☼	10/23/24 09:10	10/24/24 11:52	1
Diethyl phthalate	ND		170	49	ug/Kg	☼	10/23/24 09:10	10/24/24 11:52	1
Dimethyl phthalate	ND		170	45	ug/Kg	☼	10/23/24 09:10	10/24/24 11:52	1
Di-n-butyl phthalate	ND		170	58	ug/Kg	☼	10/23/24 09:10	10/24/24 11:52	1
Di-n-octyl phthalate	ND		170	56	ug/Kg	☼	10/23/24 09:10	10/24/24 11:52	1
Fluoranthene	ND		45	16	ug/Kg	☼	10/23/24 09:10	10/24/24 11:52	1
Fluorene	ND		45	16	ug/Kg	☼	10/23/24 09:10	10/24/24 11:52	1
Hexachlorobenzene	ND		45	16	ug/Kg	☼	10/23/24 09:10	10/24/24 11:52	1
Hexachlorobutadiene	ND		110	24	ug/Kg	☼	10/23/24 09:10	10/24/24 11:52	1
Hexachlorocyclopentadiene	ND		370	44	ug/Kg	☼	10/23/24 09:10	10/24/24 11:52	1
Hexachloroethane	ND		110	36	ug/Kg	☼	10/23/24 09:10	10/24/24 11:52	1
Indeno[1,2,3-cd]pyrene	ND		45	14	ug/Kg	☼	10/23/24 09:10	10/24/24 11:52	1
Isophorone	ND		110	29	ug/Kg	☼	10/23/24 09:10	10/24/24 11:52	1
N-Nitrosodi-n-propylamine	ND		110	42	ug/Kg	☼	10/23/24 09:10	10/24/24 11:52	1
N-Nitrosodiphenylamine	ND		110	30	ug/Kg	☼	10/23/24 09:10	10/24/24 11:52	1
Naphthalene	ND		45	15	ug/Kg	☼	10/23/24 09:10	10/24/24 11:52	1
Nitrobenzene	ND		110	25	ug/Kg	☼	10/23/24 09:10	10/24/24 11:52	1
Pentachlorophenol	ND		300	120	ug/Kg	☼	10/23/24 09:10	10/24/24 11:52	1
Phenanthrene	ND		45	15	ug/Kg	☼	10/23/24 09:10	10/24/24 11:52	1
Phenol	ND		110	43	ug/Kg	☼	10/23/24 09:10	10/24/24 11:52	1
Pyrene	ND		45	18	ug/Kg	☼	10/23/24 09:10	10/24/24 11:52	1
3 & 4 Methylphenol	ND		450	46	ug/Kg	☼	10/23/24 09:10	10/24/24 11:52	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Terphenyl-d14 (Surr)	*71*		*37 - 120*	*10/23/24 09:10*	*10/24/24 11:52*	*1*
Phenol-d5 (Surr)	*62*		*29 - 120*	*10/23/24 09:10*	*10/24/24 11:52*	*1*
Nitrobenzene-d5 (Surr)	*49*		*28 - 120*	*10/23/24 09:10*	*10/24/24 11:52*	*1*
2-Fluorophenol (Surr)	*61*		*26 - 120*	*10/23/24 09:10*	*10/24/24 11:52*	*1*
2-Fluorobiphenyl (Surr)	*59*		*36 - 120*	*10/23/24 09:10*	*10/24/24 11:52*	*1*
2,4,6-Tribromophenol (Surr)	*73*		*10 - 120*	*10/23/24 09:10*	*10/24/24 11:52*	*1*

Method: SW846 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aroclor-1016	ND		58	29	ug/Kg	☼	10/22/24 09:44	10/23/24 11:36	1
Aroclor-1221	ND		58	35	ug/Kg	☼	10/22/24 09:44	10/23/24 11:36	1
Aroclor-1232	ND		58	24	ug/Kg	☼	10/22/24 09:44	10/23/24 11:36	1
Aroclor-1242	ND		58	22	ug/Kg	☼	10/22/24 09:44	10/23/24 11:36	1
Aroclor-1248	ND		58	20	ug/Kg	☼	10/22/24 09:44	10/23/24 11:36	1
Aroclor-1254	ND		58	24	ug/Kg	☼	10/22/24 09:44	10/23/24 11:36	1
Aroclor-1260	ND		58	24	ug/Kg	☼	10/22/24 09:44	10/23/24 11:36	1
Aroclor-1262	ND		58	25	ug/Kg	☼	10/22/24 09:44	10/23/24 11:36	1
Aroclor-1268	ND		58	18	ug/Kg	☼	10/22/24 09:44	10/23/24 11:36	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Tetrachloro-m-xylene	*61*		*10 - 149*	*10/22/24 09:44*	*10/23/24 11:36*	*1*
DCB Decachlorobiphenyl	*65*		*10 - 174*	*10/22/24 09:44*	*10/23/24 11:36*	*1*

Method: SW846 6010D - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	**17**		1.5	0.31	mg/Kg	☼	10/18/24 15:00	10/21/24 22:51	1

Client: August Mack Environmental, Inc.
Project/Site: MSC Canfield

Job ID: 240-213229-1

Client Sample ID: SB-13-18-20

Date Collected: 10/16/24 11:50
Date Received: 10/16/24 16:16

Lab Sample ID: 240-213229-5

Matrix: Solid
Percent Solids: 86.1

Method: SW846 6010D - Metals (ICP) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Barium	**22**		20	0.12	mg/Kg	☼	10/18/24 15:00	10/21/24 22:51	1
Cadmium	**0.058**	**J**	0.49	0.047	mg/Kg	☼	10/18/24 15:00	10/21/24 22:51	1
Chromium	**13**		0.98	0.34	mg/Kg	☼	10/18/24 15:00	10/21/24 22:51	1
Copper	**17**		2.5	0.69	mg/Kg	☼	10/18/24 15:00	10/21/24 22:51	1
Lead	**11**		0.98	0.28	mg/Kg	☼	10/18/24 15:00	10/21/24 22:51	1
Selenium	ND		2.0	0.46	mg/Kg	☼	10/18/24 15:00	10/21/24 22:51	1
Silver	ND		0.98	0.080	mg/Kg	☼	10/18/24 15:00	10/21/24 22:51	1
Zinc	**64**		4.9	3.6	mg/Kg	☼	10/18/24 15:00	10/21/24 22:51	1

Method: SW846 7471B - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	ND		0.12	0.021	mg/Kg	☼	10/18/24 15:00	10/21/24 12:41	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cr (VI) (SW846 7196A)	ND		0.48	0.16	mg/Kg	☼	10/28/24 10:33	10/29/24 20:02	1
Cyanide, Total (SW846 9012B)	ND		0.48	0.38	mg/Kg	☼	10/29/24 09:44	10/29/24 11:57	1

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Solids (EPA Moisture)	**86.1**		0.1	0.1	%			10/17/24 17:35	1
Percent Moisture (EPA Moisture)	**13.9**		0.1	0.1	%			10/17/24 17:35	1

General Chemistry - ASTM Leach

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cyanide, Free (OI CORP OIA-1677)	ND		0.0060	0.0050	mg/L			10/30/24 14:59	1

Client: August Mack Environmental, Inc.
Project/Site: MSC Canfield

Job ID: 240-213229-1

Client Sample ID: SB-13-14-16
Date Collected: 10/16/24 11:45
Date Received: 10/16/24 16:16

Lab Sample ID: 240-213229-6
Matrix: Solid
Percent Solids: 89.6

Method: SW846 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		5.2	1.8	ug/Kg	☼	10/22/24 10:32	10/22/24 17:47	1
1,1,2,2-Tetrachloroethane	ND		5.2	1.5	ug/Kg	☼	10/22/24 10:32	10/22/24 17:47	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		5.2	1.3	ug/Kg	☼	10/22/24 10:32	10/22/24 17:47	1
1,1,2-Trichloroethane	ND		5.2	1.2	ug/Kg	☼	10/22/24 10:32	10/22/24 17:47	1
1,1-Dichloroethane	ND		5.2	1.5	ug/Kg	☼	10/22/24 10:32	10/22/24 17:47	1
1,1-Dichloroethene	ND		5.2	1.9	ug/Kg	☼	10/22/24 10:32	10/22/24 17:47	1
1,2,4-Trichlorobenzene	ND		5.2	2.6	ug/Kg	☼	10/22/24 10:32	10/22/24 17:47	1
1,2-Dibromo-3-Chloropropane	ND		10	3.8	ug/Kg	☼	10/22/24 10:32	10/22/24 17:47	1
Ethylene Dibromide	ND		5.2	1.8	ug/Kg	☼	10/22/24 10:32	10/22/24 17:47	1
1,2-Dichlorobenzene	ND		5.2	1.2	ug/Kg	☼	10/22/24 10:32	10/22/24 17:47	1
1,2-Dichloroethane	ND		5.2	1.9	ug/Kg	☼	10/22/24 10:32	10/22/24 17:47	1
1,2-Dichloropropane	ND		5.2	0.89	ug/Kg	☼	10/22/24 10:32	10/22/24 17:47	1
1,3-Dichlorobenzene	ND		5.2	1.7	ug/Kg	☼	10/22/24 10:32	10/22/24 17:47	1
1,4-Dichlorobenzene	ND		5.2	0.92	ug/Kg	☼	10/22/24 10:32	10/22/24 17:47	1
2-Butanone (MEK)	ND		21	3.7	ug/Kg	☼	10/22/24 10:32	10/22/24 17:47	1
2-Hexanone	ND		21	4.3	ug/Kg	☼	10/22/24 10:32	10/22/24 17:47	1
4-Methyl-2-pentanone (MIBK)	ND		21	3.9	ug/Kg	☼	10/22/24 10:32	10/22/24 17:47	1
Acetone	**33**		26	22	ug/Kg	☼	10/22/24 10:32	10/22/24 17:47	1
Benzene	ND		5.2	1.6	ug/Kg	☼	10/22/24 10:32	10/22/24 17:47	1
Dichlorobromomethane	ND		5.2	1.6	ug/Kg	☼	10/22/24 10:32	10/22/24 17:47	1
Bromoform	ND		5.2	2.5	ug/Kg	☼	10/22/24 10:32	10/22/24 17:47	1
Bromomethane	ND		5.2	4.3	ug/Kg	☼	10/22/24 10:32	10/22/24 17:47	1
Carbon disulfide	ND		5.2	1.2	ug/Kg	☼	10/22/24 10:32	10/22/24 17:47	1
Carbon tetrachloride	ND		5.2	3.4	ug/Kg	☼	10/22/24 10:32	10/22/24 17:47	1
Chlorobenzene	ND		5.2	0.96	ug/Kg	☼	10/22/24 10:32	10/22/24 17:47	1
Chloroethane	ND		5.2	2.9	ug/Kg	☼	10/22/24 10:32	10/22/24 17:47	1
Chloroform	ND		5.2	1.9	ug/Kg	☼	10/22/24 10:32	10/22/24 17:47	1
Chloromethane	ND		5.2	2.4	ug/Kg	☼	10/22/24 10:32	10/22/24 17:47	1
cis-1,2-Dichloroethene	ND		5.2	1.5	ug/Kg	☼	10/22/24 10:32	10/22/24 17:47	1
cis-1,3-Dichloropropene	ND		5.2	3.0	ug/Kg	☼	10/22/24 10:32	10/22/24 17:47	1
Cyclohexane	ND		10	1.4	ug/Kg	☼	10/22/24 10:32	10/22/24 17:47	1
Chlorodibromomethane	ND		5.2	2.9	ug/Kg	☼	10/22/24 10:32	10/22/24 17:47	1
Dichlorodifluoromethane	ND		5.2	2.4	ug/Kg	☼	10/22/24 10:32	10/22/24 17:47	1
Ethylbenzene	ND		5.2	1.1	ug/Kg	☼	10/22/24 10:32	10/22/24 17:47	1
Isopropylbenzene	ND		5.2	2.0	ug/Kg	☼	10/22/24 10:32	10/22/24 17:47	1
Methyl acetate	ND		26	3.5	ug/Kg	☼	10/22/24 10:32	10/22/24 17:47	1
Methyl tert-butyl ether	ND		5.2	2.1	ug/Kg	☼	10/22/24 10:32	10/22/24 17:47	1
Methylcyclohexane	ND		10	1.3	ug/Kg	☼	10/22/24 10:32	10/22/24 17:47	1
Methylene Chloride	ND		26	13	ug/Kg	☼	10/22/24 10:32	10/22/24 17:47	1
Styrene	ND		5.2	1.2	ug/Kg	☼	10/22/24 10:32	10/22/24 17:47	1
Tetrachloroethene	ND		5.2	2.0	ug/Kg	☼	10/22/24 10:32	10/22/24 17:47	1
Toluene	ND		5.2	0.81	ug/Kg	☼	10/22/24 10:32	10/22/24 17:47	1
trans-1,2-Dichloroethene	ND		5.2	1.5	ug/Kg	☼	10/22/24 10:32	10/22/24 17:47	1
trans-1,3-Dichloropropene	ND		5.2	1.9	ug/Kg	☼	10/22/24 10:32	10/22/24 17:47	1
Trichloroethene	ND		5.2	1.5	ug/Kg	☼	10/22/24 10:32	10/22/24 17:47	1
Trichlorofluoromethane	ND		5.2	2.8	ug/Kg	☼	10/22/24 10:32	10/22/24 17:47	1
Vinyl chloride	ND		5.2	1.8	ug/Kg	☼	10/22/24 10:32	10/22/24 17:47	1
Xylenes, Total	ND		10	1.7	ug/Kg	☼	10/22/24 10:32	10/22/24 17:47	1

Client Sample ID: SB-13-14-16
Date Collected: 10/16/24 11:45
Date Received: 10/16/24 16:16

Lab Sample ID: 240-213229-6
Matrix: Solid
Percent Solids: 89.6

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Toluene-d8 (Surr)	*104*		*56 - 125*	*10/22/24 10:32*	*10/22/24 17:47*	*1*
Dibromofluoromethane (Surr)	*100*		*41 - 138*	*10/22/24 10:32*	*10/22/24 17:47*	*1*
4-Bromofluorobenzene (Surr)	*98*		*41 - 143*	*10/22/24 10:32*	*10/22/24 17:47*	*1*
1,2-Dichloroethane-d4 (Surr)	*104*		*58 - 125*	*10/22/24 10:32*	*10/22/24 17:47*	*1*

Method: SW846 8270E - Semivolatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1'-Biphenyl	ND		110	32	ug/Kg	☼	10/23/24 09:10	10/24/24 12:16	1
bis (2-chloroisopropyl) ether	ND		110	29	ug/Kg	☼	10/23/24 09:10	10/24/24 12:16	1
2,4,5-Trichlorophenol	ND		170	37	ug/Kg	☼	10/23/24 09:10	10/24/24 12:16	1
2,4,6-Trichlorophenol	ND		170	33	ug/Kg	☼	10/23/24 09:10	10/24/24 12:16	1
2,4-Dichlorophenol	ND		170	31	ug/Kg	☼	10/23/24 09:10	10/24/24 12:16	1
2,4-Dimethylphenol	ND		170	41	ug/Kg	☼	10/23/24 09:10	10/24/24 12:16	1
2,4-Dinitrophenol	ND	F1	370	190	ug/Kg	☼	10/23/24 09:10	10/24/24 12:16	1
2,4-Dinitrotoluene	ND		230	26	ug/Kg	☼	10/23/24 09:10	10/24/24 12:16	1
2,6-Dinitrotoluene	ND		230	41	ug/Kg	☼	10/23/24 09:10	10/24/24 12:16	1
2-Chloronaphthalene	ND		110	32	ug/Kg	☼	10/23/24 09:10	10/24/24 12:16	1
2-Chlorophenol	ND		110	29	ug/Kg	☼	10/23/24 09:10	10/24/24 12:16	1
2-Methylnaphthalene	ND		45	15	ug/Kg	☼	10/23/24 09:10	10/24/24 12:16	1
2-Methylphenol	ND		230	46	ug/Kg	☼	10/23/24 09:10	10/24/24 12:16	1
2-Nitroaniline	ND		230	43	ug/Kg	☼	10/23/24 09:10	10/24/24 12:16	1
2-Nitrophenol	ND		110	40	ug/Kg	☼	10/23/24 09:10	10/24/24 12:16	1
3,3'-Dichlorobenzidine	ND		170	110	ug/Kg	☼	10/23/24 09:10	10/24/24 12:16	1
3-Nitroaniline	ND		230	40	ug/Kg	☼	10/23/24 09:10	10/24/24 12:16	1
4,6-Dinitro-2-methylphenol	ND		370	120	ug/Kg	☼	10/23/24 09:10	10/24/24 12:16	1
4-Bromophenyl phenyl ether	ND		110	36	ug/Kg	☼	10/23/24 09:10	10/24/24 12:16	1
4-Chloro-3-methylphenol	ND		170	43	ug/Kg	☼	10/23/24 09:10	10/24/24 12:16	1
4-Chloroaniline	ND		170	18	ug/Kg	☼	10/23/24 09:10	10/24/24 12:16	1
4-Chlorophenyl phenyl ether	ND		110	32	ug/Kg	☼	10/23/24 09:10	10/24/24 12:16	1
4-Nitroaniline	ND		230	29	ug/Kg	☼	10/23/24 09:10	10/24/24 12:16	1
4-Nitrophenol	ND		370	100	ug/Kg	☼	10/23/24 09:10	10/24/24 12:16	1
Acenaphthene	ND		45	16	ug/Kg	☼	10/23/24 09:10	10/24/24 12:16	1
Acenaphthylene	ND		45	17	ug/Kg	☼	10/23/24 09:10	10/24/24 12:16	1
Acetophenone	ND		110	28	ug/Kg	☼	10/23/24 09:10	10/24/24 12:16	1
Anthracene	ND		45	14	ug/Kg	☼	10/23/24 09:10	10/24/24 12:16	1
Atrazine	ND		370	78	ug/Kg	☼	10/23/24 09:10	10/24/24 12:16	1
Benzaldehyde	ND	F1 *-	370	63	ug/Kg	☼	10/23/24 09:10	10/24/24 12:16	1
Benzo[a]anthracene	ND		45	17	ug/Kg	☼	10/23/24 09:10	10/24/24 12:16	1
Benzo[a]pyrene	ND		45	16	ug/Kg	☼	10/23/24 09:10	10/24/24 12:16	1
Benzo[b]fluoranthene	ND		45	14	ug/Kg	☼	10/23/24 09:10	10/24/24 12:16	1
Benzo[g,h,i]perylene	ND		45	31	ug/Kg	☼	10/23/24 09:10	10/24/24 12:16	1
Benzo[k]fluoranthene	ND		45	11	ug/Kg	☼	10/23/24 09:10	10/24/24 12:16	1
Bis(2-chloroethoxy)methane	ND		110	23	ug/Kg	☼	10/23/24 09:10	10/24/24 12:16	1
Bis(2-chloroethyl)ether	ND		110	25	ug/Kg	☼	10/23/24 09:10	10/24/24 12:16	1
Bis(2-ethylhexyl) phthalate	**66**	**J**	170	63	ug/Kg	☼	10/23/24 09:10	10/24/24 12:16	1
Butyl benzyl phthalate	ND		170	58	ug/Kg	☼	10/23/24 09:10	10/24/24 12:16	1
Caprolactam	ND		370	78	ug/Kg	☼	10/23/24 09:10	10/24/24 12:16	1
Carbazole	ND		110	31	ug/Kg	☼	10/23/24 09:10	10/24/24 12:16	1
Chrysene	ND		45	16	ug/Kg	☼	10/23/24 09:10	10/24/24 12:16	1
Dibenz(a,h)anthracene	ND		45	17	ug/Kg	☼	10/23/24 09:10	10/24/24 12:16	1

Client Sample ID: SB-13-14-16
Date Collected: 10/16/24 11:45
Date Received: 10/16/24 16:16

Lab Sample ID: 240-213229-6
Matrix: Solid
Percent Solids: 89.6

Method: SW846 8270E - Semivolatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Dibenzofuran	ND		110	33	ug/Kg	☼	10/23/24 09:10	10/24/24 12:16	1
Diethyl phthalate	ND		170	49	ug/Kg	☼	10/23/24 09:10	10/24/24 12:16	1
Dimethyl phthalate	ND		170	45	ug/Kg	☼	10/23/24 09:10	10/24/24 12:16	1
Di-n-butyl phthalate	ND		170	58	ug/Kg	☼	10/23/24 09:10	10/24/24 12:16	1
Di-n-octyl phthalate	ND		170	57	ug/Kg	☼	10/23/24 09:10	10/24/24 12:16	1
Fluoranthene	ND		45	16	ug/Kg	☼	10/23/24 09:10	10/24/24 12:16	1
Fluorene	ND		45	16	ug/Kg	☼	10/23/24 09:10	10/24/24 12:16	1
Hexachlorobenzene	ND		45	16	ug/Kg	☼	10/23/24 09:10	10/24/24 12:16	1
Hexachlorobutadiene	ND		110	24	ug/Kg	☼	10/23/24 09:10	10/24/24 12:16	1
Hexachlorocyclopentadiene	ND	F1	370	44	ug/Kg	☼	10/23/24 09:10	10/24/24 12:16	1
Hexachloroethane	ND		110	36	ug/Kg	☼	10/23/24 09:10	10/24/24 12:16	1
Indeno[1,2,3-cd]pyrene	ND		45	14	ug/Kg	☼	10/23/24 09:10	10/24/24 12:16	1
Isophorone	ND		110	29	ug/Kg	☼	10/23/24 09:10	10/24/24 12:16	1
N-Nitrosodi-n-propylamine	ND		110	42	ug/Kg	☼	10/23/24 09:10	10/24/24 12:16	1
N-Nitrosodiphenylamine	ND		110	31	ug/Kg	☼	10/23/24 09:10	10/24/24 12:16	1
Naphthalene	ND		45	15	ug/Kg	☼	10/23/24 09:10	10/24/24 12:16	1
Nitrobenzene	ND		110	25	ug/Kg	☼	10/23/24 09:10	10/24/24 12:16	1
Pentachlorophenol	ND		310	120	ug/Kg	☼	10/23/24 09:10	10/24/24 12:16	1
Phenanthrene	ND		45	15	ug/Kg	☼	10/23/24 09:10	10/24/24 12:16	1
Phenol	ND		110	43	ug/Kg	☼	10/23/24 09:10	10/24/24 12:16	1
Pyrene	ND		45	18	ug/Kg	☼	10/23/24 09:10	10/24/24 12:16	1
3 & 4 Methylphenol	ND		450	46	ug/Kg	☼	10/23/24 09:10	10/24/24 12:16	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Terphenyl-d14 (Surr)	*52*		*37 - 120*	*10/23/24 09:10*	*10/24/24 12:16*	*1*
Phenol-d5 (Surr)	*47*		*29 - 120*	*10/23/24 09:10*	*10/24/24 12:16*	*1*
Nitrobenzene-d5 (Surr)	*37*		*28 - 120*	*10/23/24 09:10*	*10/24/24 12:16*	*1*
2-Fluorophenol (Surr)	*47*		*26 - 120*	*10/23/24 09:10*	*10/24/24 12:16*	*1*
2-Fluorobiphenyl (Surr)	*44*		*36 - 120*	*10/23/24 09:10*	*10/24/24 12:16*	*1*
2,4,6-Tribromophenol (Surr)	*48*		*10 - 120*	*10/23/24 09:10*	*10/24/24 12:16*	*1*

Method: SW846 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aroclor-1016	ND		56	28	ug/Kg	☼	10/22/24 09:44	10/23/24 11:52	1
Aroclor-1221	ND		56	34	ug/Kg	☼	10/22/24 09:44	10/23/24 11:52	1
Aroclor-1232	ND		56	24	ug/Kg	☼	10/22/24 09:44	10/23/24 11:52	1
Aroclor-1242	ND		56	21	ug/Kg	☼	10/22/24 09:44	10/23/24 11:52	1
Aroclor-1248	ND		56	19	ug/Kg	☼	10/22/24 09:44	10/23/24 11:52	1
Aroclor-1254	ND		56	24	ug/Kg	☼	10/22/24 09:44	10/23/24 11:52	1
Aroclor-1260	ND		56	24	ug/Kg	☼	10/22/24 09:44	10/23/24 11:52	1
Aroclor-1262	ND		56	25	ug/Kg	☼	10/22/24 09:44	10/23/24 11:52	1
Aroclor-1268	ND		56	18	ug/Kg	☼	10/22/24 09:44	10/23/24 11:52	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Tetrachloro-m-xylene	*59*		*10 - 149*	*10/22/24 09:44*	*10/23/24 11:52*	*1*
DCB Decachlorobiphenyl	*62*		*10 - 174*	*10/22/24 09:44*	*10/23/24 11:52*	*1*

Method: SW846 6010D - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	**23**		1.2	0.26	mg/Kg	☼	10/18/24 15:00	10/21/24 22:05	1

Client: August Mack Environmental, Inc.
Project/Site: MSC Canfield

Job ID: 240-213229-1

Client Sample ID: SB-13-14-16
Date Collected: 10/16/24 11:45
Date Received: 10/16/24 16:16

Lab Sample ID: 240-213229-6
Matrix: Solid
Percent Solids: 89.6

Method: SW846 6010D - Metals (ICP) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Barium	**31**		16	0.10	mg/Kg	☼	10/18/24 15:00	10/21/24 22:05	1
Cadmium	**0.087**	**J**	0.40	0.039	mg/Kg	☼	10/18/24 15:00	10/21/24 22:05	1
Chromium	**15**		0.81	0.28	mg/Kg	☼	10/18/24 15:00	10/21/24 22:05	1
Copper	**16**		2.0	0.57	mg/Kg	☼	10/18/24 15:00	10/21/24 22:05	1
Lead	**12**		0.81	0.23	mg/Kg	☼	10/18/24 15:00	10/21/24 22:05	1
Selenium	**0.75**	**J**	1.6	0.38	mg/Kg	☼	10/18/24 15:00	10/21/24 22:05	1
Silver	ND		0.81	0.066	mg/Kg	☼	10/18/24 15:00	10/21/24 22:05	1
Zinc	**69**		4.0	2.9	mg/Kg	☼	10/18/24 15:00	10/21/24 22:05	1

Method: SW846 7471B - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	ND		0.11	0.019	mg/Kg	☼	10/18/24 15:00	10/21/24 12:29	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cr (VI) (SW846 7196A)	ND	F1	0.47	0.16	mg/Kg	☼	10/28/24 10:33	10/29/24 20:02	1
Cyanide, Total (SW846 9012B)	ND		0.61	0.48	mg/Kg	☼	10/29/24 09:44	10/29/24 11:52	1

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Solids (EPA Moisture)	**89.6**		0.1	0.1	%			10/17/24 17:36	1
Percent Moisture (EPA Moisture)	**10.4**		0.1	0.1	%			10/17/24 17:36	1

General Chemistry - ASTM Leach

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cyanide, Free (OI CORP OIA-1677)	ND		0.0060	0.0050	mg/L			10/30/24 15:07	1

Client: August Mack Environmental, Inc.
Project/Site: MSC Canfield

Job ID: 240-213229-1

Client Sample ID: SB-13-16-18
Date Collected: 10/16/24 11:48
Date Received: 10/16/24 16:16

Lab Sample ID: 240-213229-7
Matrix: Solid
Percent Solids: 86.7

Method: SW846 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		5.5	2.0	ug/Kg	☼	10/22/24 10:32	10/22/24 19:13	1
1,1,2,2-Tetrachloroethane	ND		5.5	1.6	ug/Kg	☼	10/22/24 10:32	10/22/24 19:13	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		5.5	1.4	ug/Kg	☼	10/22/24 10:32	10/22/24 19:13	1
1,1,2-Trichloroethane	ND		5.5	1.3	ug/Kg	☼	10/22/24 10:32	10/22/24 19:13	1
1,1-Dichloroethane	ND		5.5	1.6	ug/Kg	☼	10/22/24 10:32	10/22/24 19:13	1
1,1-Dichloroethene	ND		5.5	2.0	ug/Kg	☼	10/22/24 10:32	10/22/24 19:13	1
1,2,4-Trichlorobenzene	ND		5.5	2.8	ug/Kg	☼	10/22/24 10:32	10/22/24 19:13	1
1,2-Dibromo-3-Chloropropane	ND		11	4.0	ug/Kg	☼	10/22/24 10:32	10/22/24 19:13	1
Ethylene Dibromide	ND		5.5	1.9	ug/Kg	☼	10/22/24 10:32	10/22/24 19:13	1
1,2-Dichlorobenzene	ND		5.5	1.2	ug/Kg	☼	10/22/24 10:32	10/22/24 19:13	1
1,2-Dichloroethane	ND		5.5	2.0	ug/Kg	☼	10/22/24 10:32	10/22/24 19:13	1
1,2-Dichloropropane	ND		5.5	0.94	ug/Kg	☼	10/22/24 10:32	10/22/24 19:13	1
1,3-Dichlorobenzene	ND		5.5	1.8	ug/Kg	☼	10/22/24 10:32	10/22/24 19:13	1
1,4-Dichlorobenzene	ND		5.5	0.98	ug/Kg	☼	10/22/24 10:32	10/22/24 19:13	1
2-Butanone (MEK)	ND		22	3.9	ug/Kg	☼	10/22/24 10:32	10/22/24 19:13	1
2-Hexanone	ND		22	4.5	ug/Kg	☼	10/22/24 10:32	10/22/24 19:13	1
4-Methyl-2-pentanone (MIBK)	ND		22	4.1	ug/Kg	☼	10/22/24 10:32	10/22/24 19:13	1
Acetone	ND		28	23	ug/Kg	☼	10/22/24 10:32	10/22/24 19:13	1
Benzene	ND		5.5	1.7	ug/Kg	☼	10/22/24 10:32	10/22/24 19:13	1
Dichlorobromomethane	ND		5.5	1.7	ug/Kg	☼	10/22/24 10:32	10/22/24 19:13	1
Bromoform	ND		5.5	2.7	ug/Kg	☼	10/22/24 10:32	10/22/24 19:13	1
Bromomethane	ND		5.5	4.6	ug/Kg	☼	10/22/24 10:32	10/22/24 19:13	1
Carbon disulfide	ND		5.5	1.3	ug/Kg	☼	10/22/24 10:32	10/22/24 19:13	1
Carbon tetrachloride	ND		5.5	3.6	ug/Kg	☼	10/22/24 10:32	10/22/24 19:13	1
Chlorobenzene	ND		5.5	1.0	ug/Kg	☼	10/22/24 10:32	10/22/24 19:13	1
Chloroethane	ND		5.5	3.0	ug/Kg	☼	10/22/24 10:32	10/22/24 19:13	1
Chloroform	ND		5.5	2.0	ug/Kg	☼	10/22/24 10:32	10/22/24 19:13	1
Chloromethane	ND		5.5	2.5	ug/Kg	☼	10/22/24 10:32	10/22/24 19:13	1
cis-1,2-Dichloroethene	ND		5.5	1.6	ug/Kg	☼	10/22/24 10:32	10/22/24 19:13	1
cis-1,3-Dichloropropene	ND		5.5	3.2	ug/Kg	☼	10/22/24 10:32	10/22/24 19:13	1
Cyclohexane	ND		11	1.5	ug/Kg	☼	10/22/24 10:32	10/22/24 19:13	1
Chlorodibromomethane	ND		5.5	3.1	ug/Kg	☼	10/22/24 10:32	10/22/24 19:13	1
Dichlorodifluoromethane	ND		5.5	2.5	ug/Kg	☼	10/22/24 10:32	10/22/24 19:13	1
Ethylbenzene	ND		5.5	1.2	ug/Kg	☼	10/22/24 10:32	10/22/24 19:13	1
Isopropylbenzene	ND		5.5	2.1	ug/Kg	☼	10/22/24 10:32	10/22/24 19:13	1
Methyl acetate	ND		28	3.8	ug/Kg	☼	10/22/24 10:32	10/22/24 19:13	1
Methyl tert-butyl ether	ND		5.5	2.2	ug/Kg	☼	10/22/24 10:32	10/22/24 19:13	1
Methylcyclohexane	ND		11	1.4	ug/Kg	☼	10/22/24 10:32	10/22/24 19:13	1
Methylene Chloride	ND		28	13	ug/Kg	☼	10/22/24 10:32	10/22/24 19:13	1
Styrene	ND		5.5	1.3	ug/Kg	☼	10/22/24 10:32	10/22/24 19:13	1
Tetrachloroethene	ND		5.5	2.1	ug/Kg	☼	10/22/24 10:32	10/22/24 19:13	1
Toluene	ND		5.5	0.86	ug/Kg	☼	10/22/24 10:32	10/22/24 19:13	1
trans-1,2-Dichloroethene	ND		5.5	1.6	ug/Kg	☼	10/22/24 10:32	10/22/24 19:13	1
trans-1,3-Dichloropropene	ND		5.5	2.0	ug/Kg	☼	10/22/24 10:32	10/22/24 19:13	1
Trichloroethene	ND		5.5	1.6	ug/Kg	☼	10/22/24 10:32	10/22/24 19:13	1
Trichlorofluoromethane	ND		5.5	3.0	ug/Kg	☼	10/22/24 10:32	10/22/24 19:13	1
Vinyl chloride	ND		5.5	2.0	ug/Kg	☼	10/22/24 10:32	10/22/24 19:13	1
Xylenes, Total	ND		11	1.8	ug/Kg	☼	10/22/24 10:32	10/22/24 19:13	1

Client Sample ID: SB-13-16-18
Date Collected: 10/16/24 11:48
Date Received: 10/16/24 16:16

Lab Sample ID: 240-213229-7
Matrix: Solid
Percent Solids: 86.7

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Toluene-d8 (Surr)	*101*		*56 - 125*	*10/22/24 10:32*	*10/22/24 19:13*	*1*
Dibromofluoromethane (Surr)	*99*		*41 - 138*	*10/22/24 10:32*	*10/22/24 19:13*	*1*
4-Bromofluorobenzene (Surr)	*93*		*41 - 143*	*10/22/24 10:32*	*10/22/24 19:13*	*1*
1,2-Dichloroethane-d4 (Surr)	*101*		*58 - 125*	*10/22/24 10:32*	*10/22/24 19:13*	*1*

Method: SW846 8270E - Semivolatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1'-Biphenyl	ND		110	32	ug/Kg	☼	10/23/24 09:10	10/24/24 13:28	1
bis (2-chloroisopropyl) ether	ND		110	30	ug/Kg	☼	10/23/24 09:10	10/24/24 13:28	1
2,4,5-Trichlorophenol	ND		170	38	ug/Kg	☼	10/23/24 09:10	10/24/24 13:28	1
2,4,6-Trichlorophenol	ND		170	33	ug/Kg	☼	10/23/24 09:10	10/24/24 13:28	1
2,4-Dichlorophenol	ND		170	31	ug/Kg	☼	10/23/24 09:10	10/24/24 13:28	1
2,4-Dimethylphenol	ND		170	41	ug/Kg	☼	10/23/24 09:10	10/24/24 13:28	1
2,4-Dinitrophenol	ND		380	200	ug/Kg	☼	10/23/24 09:10	10/24/24 13:28	1
2,4-Dinitrotoluene	ND		230	26	ug/Kg	☼	10/23/24 09:10	10/24/24 13:28	1
2,6-Dinitrotoluene	ND		230	41	ug/Kg	☼	10/23/24 09:10	10/24/24 13:28	1
2-Chloronaphthalene	ND		110	32	ug/Kg	☼	10/23/24 09:10	10/24/24 13:28	1
2-Chlorophenol	ND		110	30	ug/Kg	☼	10/23/24 09:10	10/24/24 13:28	1
2-Methylnaphthalene	**31**	**J**	46	15	ug/Kg	☼	10/23/24 09:10	10/24/24 13:28	1
2-Methylphenol	ND		230	47	ug/Kg	☼	10/23/24 09:10	10/24/24 13:28	1
2-Nitroaniline	ND		230	43	ug/Kg	☼	10/23/24 09:10	10/24/24 13:28	1
2-Nitrophenol	ND		110	40	ug/Kg	☼	10/23/24 09:10	10/24/24 13:28	1
3,3'-Dichlorobenzidine	ND		170	110	ug/Kg	☼	10/23/24 09:10	10/24/24 13:28	1
3-Nitroaniline	ND		230	40	ug/Kg	☼	10/23/24 09:10	10/24/24 13:28	1
4,6-Dinitro-2-methylphenol	ND		380	120	ug/Kg	☼	10/23/24 09:10	10/24/24 13:28	1
4-Bromophenyl phenyl ether	ND		110	37	ug/Kg	☼	10/23/24 09:10	10/24/24 13:28	1
4-Chloro-3-methylphenol	ND		170	43	ug/Kg	☼	10/23/24 09:10	10/24/24 13:28	1
4-Chloroaniline	ND		170	18	ug/Kg	☼	10/23/24 09:10	10/24/24 13:28	1
4-Chlorophenyl phenyl ether	ND		110	32	ug/Kg	☼	10/23/24 09:10	10/24/24 13:28	1
4-Nitroaniline	ND		230	30	ug/Kg	☼	10/23/24 09:10	10/24/24 13:28	1
4-Nitrophenol	ND		380	100	ug/Kg	☼	10/23/24 09:10	10/24/24 13:28	1
Acenaphthene	ND		46	16	ug/Kg	☼	10/23/24 09:10	10/24/24 13:28	1
Acenaphthylene	ND		46	17	ug/Kg	☼	10/23/24 09:10	10/24/24 13:28	1
Acetophenone	ND		110	29	ug/Kg	☼	10/23/24 09:10	10/24/24 13:28	1
Anthracene	ND		46	14	ug/Kg	☼	10/23/24 09:10	10/24/24 13:28	1
Atrazine	ND		380	79	ug/Kg	☼	10/23/24 09:10	10/24/24 13:28	1
Benzaldehyde	ND	*-	380	64	ug/Kg	☼	10/23/24 09:10	10/24/24 13:28	1
Benzo[a]anthracene	ND		46	17	ug/Kg	☼	10/23/24 09:10	10/24/24 13:28	1
Benzo[a]pyrene	ND		46	16	ug/Kg	☼	10/23/24 09:10	10/24/24 13:28	1
Benzo[b]fluoranthene	ND		46	14	ug/Kg	☼	10/23/24 09:10	10/24/24 13:28	1
Benzo[g,h,i]perylene	ND		46	31	ug/Kg	☼	10/23/24 09:10	10/24/24 13:28	1
Benzo[k]fluoranthene	ND		46	11	ug/Kg	☼	10/23/24 09:10	10/24/24 13:28	1
Bis(2-chloroethoxy)methane	ND		110	23	ug/Kg	☼	10/23/24 09:10	10/24/24 13:28	1
Bis(2-chloroethyl)ether	ND		110	25	ug/Kg	☼	10/23/24 09:10	10/24/24 13:28	1
Bis(2-ethylhexyl) phthalate	ND		170	64	ug/Kg	☼	10/23/24 09:10	10/24/24 13:28	1
Butyl benzyl phthalate	ND		170	58	ug/Kg	☼	10/23/24 09:10	10/24/24 13:28	1
Caprolactam	ND		380	79	ug/Kg	☼	10/23/24 09:10	10/24/24 13:28	1
Carbazole	ND		110	31	ug/Kg	☼	10/23/24 09:10	10/24/24 13:28	1
Chrysene	ND		46	16	ug/Kg	☼	10/23/24 09:10	10/24/24 13:28	1
Dibenz(a,h)anthracene	ND		46	17	ug/Kg	☼	10/23/24 09:10	10/24/24 13:28	1

Client Sample ID: SB-13-16-18
Date Collected: 10/16/24 11:48
Date Received: 10/16/24 16:16

Lab Sample ID: 240-213229-7
Matrix: Solid
Percent Solids: 86.7

Method: SW846 8270E - Semivolatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Dibenzofuran	ND		110	33	ug/Kg	☼	10/23/24 09:10	10/24/24 13:28	1
Diethyl phthalate	ND		170	49	ug/Kg	☼	10/23/24 09:10	10/24/24 13:28	1
Dimethyl phthalate	ND		170	46	ug/Kg	☼	10/23/24 09:10	10/24/24 13:28	1
Di-n-butyl phthalate	ND		170	58	ug/Kg	☼	10/23/24 09:10	10/24/24 13:28	1
Di-n-octyl phthalate	ND		170	57	ug/Kg	☼	10/23/24 09:10	10/24/24 13:28	1
Fluoranthene	ND		46	16	ug/Kg	☼	10/23/24 09:10	10/24/24 13:28	1
Fluorene	ND		46	16	ug/Kg	☼	10/23/24 09:10	10/24/24 13:28	1
Hexachlorobenzene	ND		46	16	ug/Kg	☼	10/23/24 09:10	10/24/24 13:28	1
Hexachlorobutadiene	ND		110	24	ug/Kg	☼	10/23/24 09:10	10/24/24 13:28	1
Hexachlorocyclopentadiene	ND		380	45	ug/Kg	☼	10/23/24 09:10	10/24/24 13:28	1
Hexachloroethane	ND		110	37	ug/Kg	☼	10/23/24 09:10	10/24/24 13:28	1
Indeno[1,2,3-cd]pyrene	ND		46	14	ug/Kg	☼	10/23/24 09:10	10/24/24 13:28	1
Isophorone	ND		110	30	ug/Kg	☼	10/23/24 09:10	10/24/24 13:28	1
N-Nitrosodi-n-propylamine	ND		110	42	ug/Kg	☼	10/23/24 09:10	10/24/24 13:28	1
N-Nitrosodiphenylamine	ND		110	31	ug/Kg	☼	10/23/24 09:10	10/24/24 13:28	1
Naphthalene	ND		46	15	ug/Kg	☼	10/23/24 09:10	10/24/24 13:28	1
Nitrobenzene	ND		110	25	ug/Kg	☼	10/23/24 09:10	10/24/24 13:28	1
Pentachlorophenol	ND		310	120	ug/Kg	☼	10/23/24 09:10	10/24/24 13:28	1
Phenanthrene	**23**	**J**	46	15	ug/Kg	☼	10/23/24 09:10	10/24/24 13:28	1
Phenol	ND		110	43	ug/Kg	☼	10/23/24 09:10	10/24/24 13:28	1
Pyrene	ND		46	18	ug/Kg	☼	10/23/24 09:10	10/24/24 13:28	1
3 & 4 Methylphenol	ND		460	47	ug/Kg	☼	10/23/24 09:10	10/24/24 13:28	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Terphenyl-d14 (Surr)	*63*		*37 - 120*	*10/23/24 09:10*	*10/24/24 13:28*	*1*
Phenol-d5 (Surr)	*58*		*29 - 120*	*10/23/24 09:10*	*10/24/24 13:28*	*1*
Nitrobenzene-d5 (Surr)	*46*		*28 - 120*	*10/23/24 09:10*	*10/24/24 13:28*	*1*
2-Fluorophenol (Surr)	*56*		*26 - 120*	*10/23/24 09:10*	*10/24/24 13:28*	*1*
2-Fluorobiphenyl (Surr)	*54*		*36 - 120*	*10/23/24 09:10*	*10/24/24 13:28*	*1*
2,4,6-Tribromophenol (Surr)	*47*		*10 - 120*	*10/23/24 09:10*	*10/24/24 13:28*	*1*

Method: SW846 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aroclor-1016	ND		58	29	ug/Kg	☼	10/22/24 09:44	10/23/24 12:39	1
Aroclor-1221	ND		58	35	ug/Kg	☼	10/22/24 09:44	10/23/24 12:39	1
Aroclor-1232	ND		58	24	ug/Kg	☼	10/22/24 09:44	10/23/24 12:39	1
Aroclor-1242	ND		58	22	ug/Kg	☼	10/22/24 09:44	10/23/24 12:39	1
Aroclor-1248	ND		58	20	ug/Kg	☼	10/22/24 09:44	10/23/24 12:39	1
Aroclor-1254	ND		58	24	ug/Kg	☼	10/22/24 09:44	10/23/24 12:39	1
Aroclor-1260	ND		58	24	ug/Kg	☼	10/22/24 09:44	10/23/24 12:39	1
Aroclor-1262	ND		58	25	ug/Kg	☼	10/22/24 09:44	10/23/24 12:39	1
Aroclor-1268	ND		58	18	ug/Kg	☼	10/22/24 09:44	10/23/24 12:39	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Tetrachloro-m-xylene	*58*		*10 - 149*	*10/22/24 09:44*	*10/23/24 12:39*	*1*
DCB Decachlorobiphenyl	*58*		*10 - 174*	*10/22/24 09:44*	*10/23/24 12:39*	*1*

Method: SW846 6010D - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	**11**		1.3	0.27	mg/Kg	☼	10/18/24 15:00	10/21/24 22:56	1

Client: August Mack Environmental, Inc.
Project/Site: MSC Canfield

Job ID: 240-213229-1

Client Sample ID: SB-13-16-18
Date Collected: 10/16/24 11:48
Date Received: 10/16/24 16:16

Lab Sample ID: 240-213229-7
Matrix: Solid
Percent Solids: 86.7

Method: SW846 6010D - Metals (ICP) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Barium	**18**		17	0.11	mg/Kg	☼	10/18/24 15:00	10/21/24 22:56	1
Cadmium	**0.065**	**J**	0.43	0.042	mg/Kg	☼	10/18/24 15:00	10/21/24 22:56	1
Chromium	**12**		0.87	0.30	mg/Kg	☼	10/18/24 15:00	10/21/24 22:56	1
Copper	**17**		2.2	0.61	mg/Kg	☼	10/18/24 15:00	10/21/24 22:56	1
Lead	**9.6**		0.87	0.24	mg/Kg	☼	10/18/24 15:00	10/21/24 22:56	1
Selenium	ND		1.7	0.41	mg/Kg	☼	10/18/24 15:00	10/21/24 22:56	1
Silver	ND		0.87	0.070	mg/Kg	☼	10/18/24 15:00	10/21/24 22:56	1
Zinc	**60**		4.3	3.1	mg/Kg	☼	10/18/24 15:00	10/21/24 22:56	1

Method: SW846 7471B - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	ND		0.10	0.018	mg/Kg	☼	10/18/24 15:00	10/21/24 12:43	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cr (VI) (SW846 7196A)	ND		0.48	0.16	mg/Kg	☼	10/28/24 10:33	10/29/24 20:02	1
Cyanide, Total (SW846 9012B)	ND		0.66	0.52	mg/Kg	☼	10/29/24 09:44	10/29/24 11:59	1

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Solids (EPA Moisture)	**86.7**		0.1	0.1	%			10/17/24 17:39	1
Percent Moisture (EPA Moisture)	**13.3**		0.1	0.1	%			10/17/24 17:39	1

General Chemistry - ASTM Leach

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cyanide, Free (OI CORP OIA-1677)	ND		0.0060	0.0050	mg/L			10/30/24 15:14	1

Client: August Mack Environmental, Inc.
Project/Site: MSC Canfield

Job ID: 240-213229-1

Client Sample ID: SB-DUP-2
Date Collected: 10/16/24 00:00
Date Received: 10/16/24 16:16

Lab Sample ID: 240-213229-8
Matrix: Solid
Percent Solids: 85.9

Method: SW846 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		5.7	2.0	ug/Kg	☼	10/22/24 10:32	10/22/24 19:34	1
1,1,2,2-Tetrachloroethane	ND		5.7	1.6	ug/Kg	☼	10/22/24 10:32	10/22/24 19:34	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		5.7	1.4	ug/Kg	☼	10/22/24 10:32	10/22/24 19:34	1
1,1,2-Trichloroethane	ND		5.7	1.3	ug/Kg	☼	10/22/24 10:32	10/22/24 19:34	1
1,1-Dichloroethane	ND		5.7	1.6	ug/Kg	☼	10/22/24 10:32	10/22/24 19:34	1
1,1-Dichloroethene	ND		5.7	2.1	ug/Kg	☼	10/22/24 10:32	10/22/24 19:34	1
1,2,4-Trichlorobenzene	ND		5.7	2.8	ug/Kg	☼	10/22/24 10:32	10/22/24 19:34	1
1,2-Dibromo-3-Chloropropane	ND		11	4.1	ug/Kg	☼	10/22/24 10:32	10/22/24 19:34	1
Ethylene Dibromide	ND		5.7	1.9	ug/Kg	☼	10/22/24 10:32	10/22/24 19:34	1
1,2-Dichlorobenzene	ND		5.7	1.3	ug/Kg	☼	10/22/24 10:32	10/22/24 19:34	1
1,2-Dichloroethane	ND		5.7	2.0	ug/Kg	☼	10/22/24 10:32	10/22/24 19:34	1
1,2-Dichloropropane	ND		5.7	0.96	ug/Kg	☼	10/22/24 10:32	10/22/24 19:34	1
1,3-Dichlorobenzene	ND		5.7	1.9	ug/Kg	☼	10/22/24 10:32	10/22/24 19:34	1
1,4-Dichlorobenzene	ND		5.7	1.0	ug/Kg	☼	10/22/24 10:32	10/22/24 19:34	1
2-Butanone (MEK)	ND		23	4.0	ug/Kg	☼	10/22/24 10:32	10/22/24 19:34	1
2-Hexanone	ND		23	4.6	ug/Kg	☼	10/22/24 10:32	10/22/24 19:34	1
4-Methyl-2-pentanone (MIBK)	ND		23	4.2	ug/Kg	☼	10/22/24 10:32	10/22/24 19:34	1
Acetone	ND		28	24	ug/Kg	☼	10/22/24 10:32	10/22/24 19:34	1
Benzene	ND		5.7	1.7	ug/Kg	☼	10/22/24 10:32	10/22/24 19:34	1
Dichlorobromomethane	ND		5.7	1.7	ug/Kg	☼	10/22/24 10:32	10/22/24 19:34	1
Bromoform	ND		5.7	2.7	ug/Kg	☼	10/22/24 10:32	10/22/24 19:34	1
Bromomethane	ND		5.7	4.7	ug/Kg	☼	10/22/24 10:32	10/22/24 19:34	1
Carbon disulfide	ND		5.7	1.3	ug/Kg	☼	10/22/24 10:32	10/22/24 19:34	1
Carbon tetrachloride	ND		5.7	3.7	ug/Kg	☼	10/22/24 10:32	10/22/24 19:34	1
Chlorobenzene	ND		5.7	1.0	ug/Kg	☼	10/22/24 10:32	10/22/24 19:34	1
Chloroethane	ND		5.7	3.1	ug/Kg	☼	10/22/24 10:32	10/22/24 19:34	1
Chloroform	ND		5.7	2.0	ug/Kg	☼	10/22/24 10:32	10/22/24 19:34	1
Chloromethane	ND		5.7	2.6	ug/Kg	☼	10/22/24 10:32	10/22/24 19:34	1
cis-1,2-Dichloroethene	ND		5.7	1.7	ug/Kg	☼	10/22/24 10:32	10/22/24 19:34	1
cis-1,3-Dichloropropene	ND		5.7	3.3	ug/Kg	☼	10/22/24 10:32	10/22/24 19:34	1
Cyclohexane	ND		11	1.6	ug/Kg	☼	10/22/24 10:32	10/22/24 19:34	1
Chlorodibromomethane	ND		5.7	3.1	ug/Kg	☼	10/22/24 10:32	10/22/24 19:34	1
Dichlorodifluoromethane	ND		5.7	2.6	ug/Kg	☼	10/22/24 10:32	10/22/24 19:34	1
Ethylbenzene	ND		5.7	1.2	ug/Kg	☼	10/22/24 10:32	10/22/24 19:34	1
Isopropylbenzene	ND		5.7	2.2	ug/Kg	☼	10/22/24 10:32	10/22/24 19:34	1
Methyl acetate	ND		28	3.8	ug/Kg	☼	10/22/24 10:32	10/22/24 19:34	1
Methyl tert-butyl ether	ND		5.7	2.2	ug/Kg	☼	10/22/24 10:32	10/22/24 19:34	1
Methylcyclohexane	ND		11	1.4	ug/Kg	☼	10/22/24 10:32	10/22/24 19:34	1
Methylene Chloride	ND		28	14	ug/Kg	☼	10/22/24 10:32	10/22/24 19:34	1
Styrene	ND		5.7	1.3	ug/Kg	☼	10/22/24 10:32	10/22/24 19:34	1
Tetrachloroethene	ND		5.7	2.2	ug/Kg	☼	10/22/24 10:32	10/22/24 19:34	1
Toluene	ND		5.7	0.87	ug/Kg	☼	10/22/24 10:32	10/22/24 19:34	1
trans-1,2-Dichloroethene	ND		5.7	1.6	ug/Kg	☼	10/22/24 10:32	10/22/24 19:34	1
trans-1,3-Dichloropropene	ND		5.7	2.1	ug/Kg	☼	10/22/24 10:32	10/22/24 19:34	1
Trichloroethene	ND		5.7	1.6	ug/Kg	☼	10/22/24 10:32	10/22/24 19:34	1
Trichlorofluoromethane	ND		5.7	3.0	ug/Kg	☼	10/22/24 10:32	10/22/24 19:34	1
Vinyl chloride	ND		5.7	2.0	ug/Kg	☼	10/22/24 10:32	10/22/24 19:34	1
Xylenes, Total	ND		11	1.8	ug/Kg	☼	10/22/24 10:32	10/22/24 19:34	1

Client: August Mack Environmental, Inc.
Project/Site: MSC Canfield

Job ID: 240-213229-1

Client Sample ID: SB-DUP-2
Date Collected: 10/16/24 00:00
Date Received: 10/16/24 16:16

Lab Sample ID: 240-213229-8
Matrix: Solid
Percent Solids: 85.9

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Toluene-d8 (Surr)	*102*		*56 - 125*	*10/22/24 10:32*	*10/22/24 19:34*	*1*
Dibromofluoromethane (Surr)	*99*		*41 - 138*	*10/22/24 10:32*	*10/22/24 19:34*	*1*
4-Bromofluorobenzene (Surr)	*94*		*41 - 143*	*10/22/24 10:32*	*10/22/24 19:34*	*1*
1,2-Dichloroethane-d4 (Surr)	*98*		*58 - 125*	*10/22/24 10:32*	*10/22/24 19:34*	*1*

Method: SW846 8270E - Semivolatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1'-Biphenyl	ND		120	32	ug/Kg	☼	10/23/24 09:10	10/24/24 13:52	1
bis (2-chloroisopropyl) ether	ND		120	30	ug/Kg	☼	10/23/24 09:10	10/24/24 13:52	1
2,4,5-Trichlorophenol	ND		170	38	ug/Kg	☼	10/23/24 09:10	10/24/24 13:52	1
2,4,6-Trichlorophenol	ND		170	34	ug/Kg	☼	10/23/24 09:10	10/24/24 13:52	1
2,4-Dichlorophenol	ND		170	31	ug/Kg	☼	10/23/24 09:10	10/24/24 13:52	1
2,4-Dimethylphenol	ND		170	42	ug/Kg	☼	10/23/24 09:10	10/24/24 13:52	1
2,4-Dinitrophenol	ND		380	200	ug/Kg	☼	10/23/24 09:10	10/24/24 13:52	1
2,4-Dinitrotoluene	ND		230	27	ug/Kg	☼	10/23/24 09:10	10/24/24 13:52	1
2,6-Dinitrotoluene	ND		230	42	ug/Kg	☼	10/23/24 09:10	10/24/24 13:52	1
2-Chloronaphthalene	ND		120	32	ug/Kg	☼	10/23/24 09:10	10/24/24 13:52	1
2-Chlorophenol	ND		120	30	ug/Kg	☼	10/23/24 09:10	10/24/24 13:52	1
2-Methylnaphthalene	ND		46	15	ug/Kg	☼	10/23/24 09:10	10/24/24 13:52	1
2-Methylphenol	ND		230	47	ug/Kg	☼	10/23/24 09:10	10/24/24 13:52	1
2-Nitroaniline	ND		230	44	ug/Kg	☼	10/23/24 09:10	10/24/24 13:52	1
2-Nitrophenol	ND		120	41	ug/Kg	☼	10/23/24 09:10	10/24/24 13:52	1
3,3'-Dichlorobenzidine	ND		170	110	ug/Kg	☼	10/23/24 09:10	10/24/24 13:52	1
3-Nitroaniline	ND		230	41	ug/Kg	☼	10/23/24 09:10	10/24/24 13:52	1
4,6-Dinitro-2-methylphenol	ND		380	120	ug/Kg	☼	10/23/24 09:10	10/24/24 13:52	1
4-Bromophenyl phenyl ether	ND		120	37	ug/Kg	☼	10/23/24 09:10	10/24/24 13:52	1
4-Chloro-3-methylphenol	ND		170	44	ug/Kg	☼	10/23/24 09:10	10/24/24 13:52	1
4-Chloroaniline	ND		170	19	ug/Kg	☼	10/23/24 09:10	10/24/24 13:52	1
4-Chlorophenyl phenyl ether	ND		120	32	ug/Kg	☼	10/23/24 09:10	10/24/24 13:52	1
4-Nitroaniline	ND		230	30	ug/Kg	☼	10/23/24 09:10	10/24/24 13:52	1
4-Nitrophenol	ND		380	100	ug/Kg	☼	10/23/24 09:10	10/24/24 13:52	1
Acenaphthene	ND		46	16	ug/Kg	☼	10/23/24 09:10	10/24/24 13:52	1
Acenaphthylene	ND		46	17	ug/Kg	☼	10/23/24 09:10	10/24/24 13:52	1
Acetophenone	ND		120	29	ug/Kg	☼	10/23/24 09:10	10/24/24 13:52	1
Anthracene	ND		46	14	ug/Kg	☼	10/23/24 09:10	10/24/24 13:52	1
Atrazine	ND		380	80	ug/Kg	☼	10/23/24 09:10	10/24/24 13:52	1
Benzaldehyde	ND	*-	380	65	ug/Kg	☼	10/23/24 09:10	10/24/24 13:52	1
Benzo[a]anthracene	ND		46	17	ug/Kg	☼	10/23/24 09:10	10/24/24 13:52	1
Benzo[a]pyrene	ND		46	16	ug/Kg	☼	10/23/24 09:10	10/24/24 13:52	1
Benzo[b]fluoranthene	ND		46	14	ug/Kg	☼	10/23/24 09:10	10/24/24 13:52	1
Benzo[g,h,i]perylene	ND		46	31	ug/Kg	☼	10/23/24 09:10	10/24/24 13:52	1
Benzo[k]fluoranthene	ND		46	12	ug/Kg	☼	10/23/24 09:10	10/24/24 13:52	1
Bis(2-chloroethoxy)methane	ND		120	23	ug/Kg	☼	10/23/24 09:10	10/24/24 13:52	1
Bis(2-chloroethyl)ether	ND		120	25	ug/Kg	☼	10/23/24 09:10	10/24/24 13:52	1
Bis(2-ethylhexyl) phthalate	ND		170	65	ug/Kg	☼	10/23/24 09:10	10/24/24 13:52	1
Butyl benzyl phthalate	ND		170	59	ug/Kg	☼	10/23/24 09:10	10/24/24 13:52	1
Caprolactam	ND		380	80	ug/Kg	☼	10/23/24 09:10	10/24/24 13:52	1
Carbazole	ND		120	31	ug/Kg	☼	10/23/24 09:10	10/24/24 13:52	1
Chrysene	ND		46	16	ug/Kg	☼	10/23/24 09:10	10/24/24 13:52	1
Dibenz(a,h)anthracene	ND		46	17	ug/Kg	☼	10/23/24 09:10	10/24/24 13:52	1

Client Sample ID: SB-DUP-2
Date Collected: 10/16/24 00:00
Date Received: 10/16/24 16:16

Lab Sample ID: 240-213229-8
Matrix: Solid
Percent Solids: 85.9

Method: SW846 8270E - Semivolatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Dibenzofuran	ND		120	34	ug/Kg	☼	10/23/24 09:10	10/24/24 13:52	1
Diethyl phthalate	ND		170	50	ug/Kg	☼	10/23/24 09:10	10/24/24 13:52	1
Dimethyl phthalate	ND		170	46	ug/Kg	☼	10/23/24 09:10	10/24/24 13:52	1
Di-n-butyl phthalate	ND		170	59	ug/Kg	☼	10/23/24 09:10	10/24/24 13:52	1
Di-n-octyl phthalate	ND		170	58	ug/Kg	☼	10/23/24 09:10	10/24/24 13:52	1
Fluoranthene	ND		46	16	ug/Kg	☼	10/23/24 09:10	10/24/24 13:52	1
Fluorene	ND		46	16	ug/Kg	☼	10/23/24 09:10	10/24/24 13:52	1
Hexachlorobenzene	ND		46	16	ug/Kg	☼	10/23/24 09:10	10/24/24 13:52	1
Hexachlorobutadiene	ND		120	24	ug/Kg	☼	10/23/24 09:10	10/24/24 13:52	1
Hexachlorocyclopentadiene	ND		380	45	ug/Kg	☼	10/23/24 09:10	10/24/24 13:52	1
Hexachloroethane	ND		120	37	ug/Kg	☼	10/23/24 09:10	10/24/24 13:52	1
Indeno[1,2,3-cd]pyrene	ND		46	14	ug/Kg	☼	10/23/24 09:10	10/24/24 13:52	1
Isophorone	ND		120	30	ug/Kg	☼	10/23/24 09:10	10/24/24 13:52	1
N-Nitrosodi-n-propylamine	ND		120	43	ug/Kg	☼	10/23/24 09:10	10/24/24 13:52	1
N-Nitrosodiphenylamine	ND		120	31	ug/Kg	☼	10/23/24 09:10	10/24/24 13:52	1
Naphthalene	ND		46	15	ug/Kg	☼	10/23/24 09:10	10/24/24 13:52	1
Nitrobenzene	ND		120	25	ug/Kg	☼	10/23/24 09:10	10/24/24 13:52	1
Pentachlorophenol	ND		310	120	ug/Kg	☼	10/23/24 09:10	10/24/24 13:52	1
Phenanthrene	ND		46	15	ug/Kg	☼	10/23/24 09:10	10/24/24 13:52	1
Phenol	ND		120	44	ug/Kg	☼	10/23/24 09:10	10/24/24 13:52	1
Pyrene	ND		46	19	ug/Kg	☼	10/23/24 09:10	10/24/24 13:52	1
3 & 4 Methylphenol	ND		460	47	ug/Kg	☼	10/23/24 09:10	10/24/24 13:52	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Terphenyl-d14 (Surr)	*60*		*37 - 120*	*10/23/24 09:10*	*10/24/24 13:52*	*1*
Phenol-d5 (Surr)	*55*		*29 - 120*	*10/23/24 09:10*	*10/24/24 13:52*	*1*
Nitrobenzene-d5 (Surr)	*46*		*28 - 120*	*10/23/24 09:10*	*10/24/24 13:52*	*1*
2-Fluorophenol (Surr)	*54*		*26 - 120*	*10/23/24 09:10*	*10/24/24 13:52*	*1*
2-Fluorobiphenyl (Surr)	*53*		*36 - 120*	*10/23/24 09:10*	*10/24/24 13:52*	*1*
2,4,6-Tribromophenol (Surr)	*52*		*10 - 120*	*10/23/24 09:10*	*10/24/24 13:52*	*1*

Method: SW846 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aroclor-1016	ND		58	29	ug/Kg	☼	10/22/24 09:44	10/23/24 12:55	1
Aroclor-1221	ND		58	35	ug/Kg	☼	10/22/24 09:44	10/23/24 12:55	1
Aroclor-1232	ND		58	24	ug/Kg	☼	10/22/24 09:44	10/23/24 12:55	1
Aroclor-1242	ND		58	22	ug/Kg	☼	10/22/24 09:44	10/23/24 12:55	1
Aroclor-1248	ND		58	20	ug/Kg	☼	10/22/24 09:44	10/23/24 12:55	1
Aroclor-1254	ND		58	24	ug/Kg	☼	10/22/24 09:44	10/23/24 12:55	1
Aroclor-1260	ND		58	24	ug/Kg	☼	10/22/24 09:44	10/23/24 12:55	1
Aroclor-1262	ND		58	26	ug/Kg	☼	10/22/24 09:44	10/23/24 12:55	1
Aroclor-1268	ND		58	19	ug/Kg	☼	10/22/24 09:44	10/23/24 12:55	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Tetrachloro-m-xylene	*47*		*10 - 149*	*10/22/24 09:44*	*10/23/24 12:55*	*1*
DCB Decachlorobiphenyl	*30*		*10 - 174*	*10/22/24 09:44*	*10/23/24 12:55*	*1*

Method: SW846 6010D - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	**14**		1.5	0.31	mg/Kg	☼	10/18/24 15:00	10/21/24 23:00	1

Client: August Mack Environmental, Inc.
Project/Site: MSC Canfield

Job ID: 240-213229-1

Client Sample ID: SB-DUP-2

Date Collected: 10/16/24 00:00
Date Received: 10/16/24 16:16

Lab Sample ID: 240-213229-8

Matrix: Solid
Percent Solids: 85.9

Method: SW846 6010D - Metals (ICP) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Barium	**15**	**J**	20	0.13	mg/Kg	☼	10/18/24 15:00	10/21/24 23:00	1
Cadmium	ND		0.50	0.048	mg/Kg	☼	10/18/24 15:00	10/21/24 23:00	1
Chromium	**10**		1.0	0.34	mg/Kg	☼	10/18/24 15:00	10/21/24 23:00	1
Copper	**17**		2.5	0.70	mg/Kg	☼	10/18/24 15:00	10/21/24 23:00	1
Lead	**9.3**		1.0	0.28	mg/Kg	☼	10/18/24 15:00	10/21/24 23:00	1
Selenium	ND		2.0	0.47	mg/Kg	☼	10/18/24 15:00	10/21/24 23:00	1
Silver	ND		1.0	0.081	mg/Kg	☼	10/18/24 15:00	10/21/24 23:00	1
Zinc	**55**		5.0	3.6	mg/Kg	☼	10/18/24 15:00	10/21/24 23:00	1

Method: SW846 7471B - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	**0.047**	**J**	0.11	0.020	mg/Kg	☼	10/18/24 15:00	10/21/24 12:44	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cr (VI) (SW846 7196A)	ND		0.48	0.16	mg/Kg	☼	10/28/24 10:33	10/29/24 20:02	1
Cyanide, Total (SW846 9012B)	ND		0.56	0.44	mg/Kg	☼	10/29/24 09:44	10/29/24 12:01	1

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Solids (EPA Moisture)	**85.9**		0.1	0.1	%			10/17/24 17:40	1
Percent Moisture (EPA Moisture)	**14.1**		0.1	0.1	%			10/17/24 17:40	1

General Chemistry - ASTM Leach

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cyanide, Free (OI CORP OIA-1677)	ND		0.0060	0.0050	mg/L			10/30/24 15:37	1

Client: August Mack Environmental, Inc.
Project/Site: MSC Canfield

Job ID: 240-213229-1

Client Sample ID: TB-7-20241016
Date Collected: 10/16/24 00:00
Date Received: 10/16/24 16:16

Lab Sample ID: 240-213229-9
Matrix: Water

Method: SW846 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		1.0	0.48	ug/L			10/23/24 15:40	1
1,1,2,2-Tetrachloroethane	ND		1.0	0.60	ug/L			10/23/24 15:40	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		1.0	0.41	ug/L			10/23/24 15:40	1
1,1,2-Trichloroethane	ND		1.0	0.48	ug/L			10/23/24 15:40	1
1,1-Dichloroethane	ND		1.0	0.47	ug/L			10/23/24 15:40	1
1,1-Dichloroethene	ND		1.0	0.49	ug/L			10/23/24 15:40	1
1,2,4-Trichlorobenzene	ND		1.0	0.77	ug/L			10/23/24 15:40	1
1,2-Dibromo-3-Chloropropane	ND		2.0	0.91	ug/L			10/23/24 15:40	1
Ethylene Dibromide	ND		1.0	0.41	ug/L			10/23/24 15:40	1
1,2-Dichlorobenzene	ND		1.0	0.48	ug/L			10/23/24 15:40	1
1,2-Dichloroethane	ND		1.0	0.46	ug/L			10/23/24 15:40	1
1,2-Dichloropropane	ND		1.0	0.47	ug/L			10/23/24 15:40	1
1,3-Dichlorobenzene	ND		1.0	0.45	ug/L			10/23/24 15:40	1
1,4-Dichlorobenzene	ND		1.0	0.41	ug/L			10/23/24 15:40	1
2-Butanone (MEK)	ND		10	1.2	ug/L			10/23/24 15:40	1
2-Hexanone	ND		10	1.1	ug/L			10/23/24 15:40	1
4-Methyl-2-pentanone (MIBK)	ND		10	0.99	ug/L			10/23/24 15:40	1
Acetone	ND		10	5.4	ug/L			10/23/24 15:40	1
Benzene	ND		1.0	0.42	ug/L			10/23/24 15:40	1
Dichlorobromomethane	ND		1.0	0.38	ug/L			10/23/24 15:40	1
Bromoform	ND		1.0	0.76	ug/L			10/23/24 15:40	1
Bromomethane	ND		1.0	0.42	ug/L			10/23/24 15:40	1
Carbon disulfide	ND		1.0	0.59	ug/L			10/23/24 15:40	1
Carbon tetrachloride	ND		1.0	0.26	ug/L			10/23/24 15:40	1
Chlorobenzene	ND		1.0	0.38	ug/L			10/23/24 15:40	1
Chloroethane	ND		1.0	0.83	ug/L			10/23/24 15:40	1
Chloroform	ND		1.0	0.47	ug/L			10/23/24 15:40	1
Chloromethane	ND		1.0	0.63	ug/L			10/23/24 15:40	1
cis-1,2-Dichloroethene	ND		1.0	0.46	ug/L			10/23/24 15:40	1
cis-1,3-Dichloropropene	ND		1.0	0.61	ug/L			10/23/24 15:40	1
Cyclohexane	ND		1.0	0.48	ug/L			10/23/24 15:40	1
Chlorodibromomethane	ND		1.0	0.39	ug/L			10/23/24 15:40	1
Dichlorodifluoromethane	ND		1.0	0.35	ug/L			10/23/24 15:40	1
Ethylbenzene	ND		1.0	0.42	ug/L			10/23/24 15:40	1
Isopropylbenzene	ND		1.0	0.49	ug/L			10/23/24 15:40	1
Methyl acetate	ND		10	1.7	ug/L			10/23/24 15:40	1
Methyl tert-butyl ether	ND		1.0	0.47	ug/L			10/23/24 15:40	1
Methylcyclohexane	ND		1.0	0.33	ug/L			10/23/24 15:40	1
Methylene Chloride	ND		5.0	2.6	ug/L			10/23/24 15:40	1
Styrene	ND		1.0	0.45	ug/L			10/23/24 15:40	1
Tetrachloroethene	ND		1.0	0.44	ug/L			10/23/24 15:40	1
Toluene	ND		1.0	0.44	ug/L			10/23/24 15:40	1
trans-1,2-Dichloroethene	ND		1.0	0.51	ug/L			10/23/24 15:40	1
trans-1,3-Dichloropropene	ND		1.0	0.67	ug/L			10/23/24 15:40	1
Trichloroethene	ND		1.0	0.44	ug/L			10/23/24 15:40	1
Trichlorofluoromethane	ND		1.0	0.45	ug/L			10/23/24 15:40	1
Vinyl chloride	ND		1.0	0.45	ug/L			10/23/24 15:40	1
Xylenes, Total	ND		2.0	0.42	ug/L			10/23/24 15:40	1

Client: August Mack Environmental, Inc.
Project/Site: MSC Canfield

Job ID: 240-213229-1

Client Sample ID: TB-7-20241016
Date Collected: 10/16/24 00:00
Date Received: 10/16/24 16:16

Lab Sample ID: 240-213229-9
Matrix: Water

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
Toluene-d8 (Surr)	100		78 - 122		10/23/24 15:40	1
Dibromofluoromethane (Surr)	109		73 - 120		10/23/24 15:40	1
4-Bromofluorobenzene (Surr)	97		56 - 136		10/23/24 15:40	1
1,2-Dichloroethane-d4 (Surr)	99		62 - 137		10/23/24 15:40	1

Client: August Mack Environmental, Inc.
Project/Site: MSC Canfield

Job ID: 240-213229-1

Client Sample ID: SB-19-GW-18-28
Date Collected: 10/16/24 12:38
Date Received: 10/16/24 16:16

Lab Sample ID: 240-213229-10
Matrix: Water

Method: SW846 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		1.0	0.48	ug/L			10/25/24 23:55	1
1,1,2,2-Tetrachloroethane	ND		1.0	0.60	ug/L			10/25/24 23:55	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		1.0	0.41	ug/L			10/25/24 23:55	1
1,1,2-Trichloroethane	ND		1.0	0.48	ug/L			10/25/24 23:55	1
1,1-Dichloroethane	ND		1.0	0.47	ug/L			10/25/24 23:55	1
1,1-Dichloroethene	ND		1.0	0.49	ug/L			10/25/24 23:55	1
1,2,4-Trichlorobenzene	ND		1.0	0.77	ug/L			10/25/24 23:55	1
1,2-Dibromo-3-Chloropropane	ND		2.0	0.91	ug/L			10/25/24 23:55	1
Ethylene Dibromide	ND		1.0	0.41	ug/L			10/25/24 23:55	1
1,2-Dichlorobenzene	ND		1.0	0.48	ug/L			10/25/24 23:55	1
1,2-Dichloroethane	ND		1.0	0.46	ug/L			10/25/24 23:55	1
1,2-Dichloropropane	ND		1.0	0.47	ug/L			10/25/24 23:55	1
1,3-Dichlorobenzene	ND		1.0	0.45	ug/L			10/25/24 23:55	1
1,4-Dichlorobenzene	ND		1.0	0.41	ug/L			10/25/24 23:55	1
2-Butanone (MEK)	**1.2**	**J**	10	1.2	ug/L			10/25/24 23:55	1
2-Hexanone	ND		10	1.1	ug/L			10/25/24 23:55	1
4-Methyl-2-pentanone (MIBK)	ND		10	0.99	ug/L			10/25/24 23:55	1
Acetone	**6.6**	**J B**	10	5.4	ug/L			10/25/24 23:55	1
Benzene	ND		1.0	0.42	ug/L			10/25/24 23:55	1
Dichlorobromomethane	ND		1.0	0.38	ug/L			10/25/24 23:55	1
Bromoform	ND		1.0	0.76	ug/L			10/25/24 23:55	1
Bromomethane	ND		1.0	0.42	ug/L			10/25/24 23:55	1
Carbon disulfide	ND		1.0	0.59	ug/L			10/25/24 23:55	1
Carbon tetrachloride	ND		1.0	0.26	ug/L			10/25/24 23:55	1
Chlorobenzene	ND		1.0	0.38	ug/L			10/25/24 23:55	1
Chloroethane	ND		1.0	0.83	ug/L			10/25/24 23:55	1
Chloroform	ND		1.0	0.47	ug/L			10/25/24 23:55	1
Chloromethane	ND		1.0	0.63	ug/L			10/25/24 23:55	1
cis-1,2-Dichloroethene	ND		1.0	0.46	ug/L			10/25/24 23:55	1
cis-1,3-Dichloropropene	ND		1.0	0.61	ug/L			10/25/24 23:55	1
Cyclohexane	ND		1.0	0.48	ug/L			10/25/24 23:55	1
Chlorodibromomethane	ND		1.0	0.39	ug/L			10/25/24 23:55	1
Dichlorodifluoromethane	ND		1.0	0.35	ug/L			10/25/24 23:55	1
Ethylbenzene	ND		1.0	0.42	ug/L			10/25/24 23:55	1
Isopropylbenzene	ND		1.0	0.49	ug/L			10/25/24 23:55	1
Methyl acetate	ND		10	1.7	ug/L			10/25/24 23:55	1
Methyl tert-butyl ether	ND		1.0	0.47	ug/L			10/25/24 23:55	1
Methylcyclohexane	ND		1.0	0.33	ug/L			10/25/24 23:55	1
Methylene Chloride	ND		5.0	2.6	ug/L			10/25/24 23:55	1
Styrene	ND		1.0	0.45	ug/L			10/25/24 23:55	1
Tetrachloroethene	ND		1.0	0.44	ug/L			10/25/24 23:55	1
Toluene	ND		1.0	0.44	ug/L			10/25/24 23:55	1
trans-1,2-Dichloroethene	ND		1.0	0.51	ug/L			10/25/24 23:55	1
trans-1,3-Dichloropropene	ND		1.0	0.67	ug/L			10/25/24 23:55	1
Trichloroethene	ND		1.0	0.44	ug/L			10/25/24 23:55	1
Trichlorofluoromethane	ND		1.0	0.45	ug/L			10/25/24 23:55	1
Vinyl chloride	ND		1.0	0.45	ug/L			10/25/24 23:55	1
Xylenes, Total	ND		2.0	0.42	ug/L			10/25/24 23:55	1

Client Sample ID: SB-19-GW-18-28
Date Collected: 10/16/24 12:38
Date Received: 10/16/24 16:16

Lab Sample ID: 240-213229-10
Matrix: Water

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Toluene-d8 (Surr)	*97*		*78 - 122*		*10/25/24 23:55*	*1*
Dibromofluoromethane (Surr)	*94*		*73 - 120*		*10/25/24 23:55*	*1*
4-Bromofluorobenzene (Surr)	*96*		*56 - 136*		*10/25/24 23:55*	*1*
1,2-Dichloroethane-d4 (Surr)	*103*		*62 - 137*		*10/25/24 23:55*	*1*

Method: SW846 8270E - Semivolatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1'-Biphenyl	ND		1.0	0.51	ug/L		10/18/24 08:24	10/21/24 17:19	1
bis (2-chloroisopropyl) ether	ND		1.0	0.24	ug/L		10/18/24 08:24	10/21/24 17:19	1
2,4,5-Trichlorophenol	ND		5.2	2.1	ug/L		10/18/24 08:24	10/21/24 17:19	1
2,4,6-Trichlorophenol	ND		5.2	1.9	ug/L		10/18/24 08:24	10/21/24 17:19	1
2,4-Dichlorophenol	ND		2.1	0.27	ug/L		10/18/24 08:24	10/21/24 17:19	1
2,4-Dimethylphenol	ND		2.1	0.26	ug/L		10/18/24 08:24	10/21/24 17:19	1
2,4-Dinitrophenol	ND		10	2.7	ug/L		10/18/24 08:24	10/21/24 17:19	1
2,4-Dinitrotoluene	ND		5.2	2.2	ug/L		10/18/24 08:24	10/21/24 17:19	1
2,6-Dinitrotoluene	ND		5.2	1.1	ug/L		10/18/24 08:24	10/21/24 17:19	1
2-Chloronaphthalene	ND		1.0	0.24	ug/L		10/18/24 08:24	10/21/24 17:19	1
2-Chlorophenol	ND		1.0	0.28	ug/L		10/18/24 08:24	10/21/24 17:19	1
2-Methylnaphthalene	ND		0.21	0.12	ug/L		10/18/24 08:24	10/21/24 17:19	1
2-Methylphenol	ND		1.0	0.22	ug/L		10/18/24 08:24	10/21/24 17:19	1
2-Nitroaniline	ND		2.1	0.53	ug/L		10/18/24 08:24	10/21/24 17:19	1
2-Nitrophenol	ND		2.1	0.59	ug/L		10/18/24 08:24	10/21/24 17:19	1
3,3'-Dichlorobenzidine	ND		5.2	1.2	ug/L		10/18/24 08:24	10/21/24 17:19	1
3-Nitroaniline	ND		2.1	0.59	ug/L		10/18/24 08:24	10/21/24 17:19	1
4,6-Dinitro-2-methylphenol	ND		5.2	2.9	ug/L		10/18/24 08:24	10/21/24 17:19	1
4-Bromophenyl phenyl ether	ND		2.1	0.52	ug/L		10/18/24 08:24	10/21/24 17:19	1
4-Chloro-3-methylphenol	ND		2.1	0.31	ug/L		10/18/24 08:24	10/21/24 17:19	1
4-Chloroaniline	ND		2.1	0.33	ug/L		10/18/24 08:24	10/21/24 17:19	1
4-Chlorophenyl phenyl ether	ND		2.1	0.57	ug/L		10/18/24 08:24	10/21/24 17:19	1
4-Nitroaniline	ND		2.1	0.34	ug/L		10/18/24 08:24	10/21/24 17:19	1
4-Nitrophenol	ND		10	2.3	ug/L		10/18/24 08:24	10/21/24 17:19	1
Acenaphthene	ND		0.21	0.18	ug/L		10/18/24 08:24	10/21/24 17:19	1
Acenaphthylene	ND		0.21	0.13	ug/L		10/18/24 08:24	10/21/24 17:19	1
Acetophenone	ND		1.0	0.38	ug/L		10/18/24 08:24	10/21/24 17:19	1
Anthracene	ND		0.21	0.14	ug/L		10/18/24 08:24	10/21/24 17:19	1
Atrazine	ND		2.1	0.99	ug/L		10/18/24 08:24	10/21/24 17:19	1
Benzaldehyde	ND		2.1	0.79	ug/L		10/18/24 08:24	10/21/24 17:19	1
Benzo[a]anthracene	ND		0.21	0.071	ug/L		10/18/24 08:24	10/21/24 17:19	1
Benzo[a]pyrene	ND		0.21	0.18	ug/L		10/18/24 08:24	10/21/24 17:19	1
Benzo[b]fluoranthene	ND		0.21	0.16	ug/L		10/18/24 08:24	10/21/24 17:19	1
Benzo[g,h,i]perylene	ND		0.21	0.19	ug/L		10/18/24 08:24	10/21/24 17:19	1
Benzo[k]fluoranthene	ND		0.21	0.15	ug/L		10/18/24 08:24	10/21/24 17:19	1
Bis(2-chloroethoxy)methane	ND		1.0	0.23	ug/L		10/18/24 08:24	10/21/24 17:19	1
Bis(2-chloroethyl)ether	ND		1.0	0.42	ug/L		10/18/24 08:24	10/21/24 17:19	1
Bis(2-ethylhexyl) phthalate	ND		5.2	2.3	ug/L		10/18/24 08:24	10/21/24 17:19	1
Butyl benzyl phthalate	ND		2.1	0.69	ug/L		10/18/24 08:24	10/21/24 17:19	1
Caprolactam	ND		5.2	4.0	ug/L		10/18/24 08:24	10/21/24 17:19	1
Carbazole	ND		1.0	0.51	ug/L		10/18/24 08:24	10/21/24 17:19	1
Chrysene	ND		0.21	0.069	ug/L		10/18/24 08:24	10/21/24 17:19	1
Dibenz(a,h)anthracene	ND		0.21	0.16	ug/L		10/18/24 08:24	10/21/24 17:19	1

Client Sample ID: SB-19-GW-18-28
Date Collected: 10/16/24 12:38
Date Received: 10/16/24 16:16

Lab Sample ID: 240-213229-10
Matrix: Water

Method: SW846 8270E - Semivolatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Dibenzofuran	ND		1.0	0.28	ug/L		10/18/24 08:24	10/21/24 17:19	1
Diethyl phthalate	ND		5.2	0.42	ug/L		10/18/24 08:24	10/21/24 17:19	1
Dimethyl phthalate	ND		2.1	0.54	ug/L		10/18/24 08:24	10/21/24 17:19	1
Di-n-butyl phthalate	ND		5.2	1.9	ug/L		10/18/24 08:24	10/21/24 17:19	1
Di-n-octyl phthalate	ND		2.1	0.86	ug/L		10/18/24 08:24	10/21/24 17:19	1
Fluoranthene	ND		0.21	0.17	ug/L		10/18/24 08:24	10/21/24 17:19	1
Fluorene	ND		0.21	0.082	ug/L		10/18/24 08:24	10/21/24 17:19	1
Hexachlorobenzene	ND		0.21	0.17	ug/L		10/18/24 08:24	10/21/24 17:19	1
Hexachlorobutadiene	ND		1.0	0.57	ug/L		10/18/24 08:24	10/21/24 17:19	1
Hexachlorocyclopentadiene	ND		10	1.8	ug/L		10/18/24 08:24	10/21/24 17:19	1
Hexachloroethane	ND		1.0	0.41	ug/L		10/18/24 08:24	10/21/24 17:19	1
Indeno[1,2,3-cd]pyrene	ND		0.21	0.14	ug/L		10/18/24 08:24	10/21/24 17:19	1
Isophorone	ND		1.0	0.34	ug/L		10/18/24 08:24	10/21/24 17:19	1
N-Nitrosodi-n-propylamine	ND		1.0	0.26	ug/L		10/18/24 08:24	10/21/24 17:19	1
N-Nitrosodiphenylamine	ND		1.0	0.46	ug/L		10/18/24 08:24	10/21/24 17:19	1
Naphthalene	ND		0.21	0.11	ug/L		10/18/24 08:24	10/21/24 17:19	1
Nitrobenzene	ND		1.0	0.54	ug/L		10/18/24 08:24	10/21/24 17:19	1
Pentachlorophenol	ND		10	3.2	ug/L		10/18/24 08:24	10/21/24 17:19	1
Phenanthrene	ND		0.21	0.083	ug/L		10/18/24 08:24	10/21/24 17:19	1
Phenol	ND		1.0	0.42	ug/L		10/18/24 08:24	10/21/24 17:19	1
Pyrene	ND		0.21	0.086	ug/L		10/18/24 08:24	10/21/24 17:19	1
3 & 4 Methylphenol	ND		2.1	0.20	ug/L		10/18/24 08:24	10/21/24 17:19	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Terphenyl-d14 (Surr)	*76*		*43 - 136*	*10/18/24 08:24*	*10/21/24 17:19*	*1*
Phenol-d5 (Surr)	*62*		*10 - 120*	*10/18/24 08:24*	*10/21/24 17:19*	*1*
Nitrobenzene-d5 (Surr)	*65*		*40 - 120*	*10/18/24 08:24*	*10/21/24 17:19*	*1*
2-Fluorophenol (Surr)	*73*		*10 - 127*	*10/18/24 08:24*	*10/21/24 17:19*	*1*
2-Fluorobiphenyl (Surr)	*85*		*41 - 120*	*10/18/24 08:24*	*10/21/24 17:19*	*1*
2,4,6-Tribromophenol (Surr)	*82*		*23 - 127*	*10/18/24 08:24*	*10/21/24 17:19*	*1*

Method: SW846 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aroclor-1016	ND		0.097	0.054	ug/L		10/18/24 08:21	10/22/24 11:17	1
Aroclor-1221	ND		0.097	0.055	ug/L		10/18/24 08:21	10/22/24 11:17	1
Aroclor-1232	ND		0.097	0.072	ug/L		10/18/24 08:21	10/22/24 11:17	1
Aroclor-1242	ND		0.097	0.074	ug/L		10/18/24 08:21	10/22/24 11:17	1
Aroclor-1248	ND		0.097	0.049	ug/L		10/18/24 08:21	10/22/24 11:17	1
Aroclor-1254	ND		0.097	0.039	ug/L		10/18/24 08:21	10/22/24 11:17	1
Aroclor-1260	ND		0.097	0.045	ug/L		10/18/24 08:21	10/22/24 11:17	1
Aroclor-1262	ND		0.097	0.056	ug/L		10/18/24 08:21	10/22/24 11:17	1
Aroclor-1268	ND		0.097	0.060	ug/L		10/18/24 08:21	10/22/24 11:17	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Tetrachloro-m-xylene	*65*		*10 - 149*	*10/18/24 08:21*	*10/22/24 11:17*	*1*
DCB Decachlorobiphenyl	*54*		*10 - 174*	*10/18/24 08:21*	*10/22/24 11:17*	*1*

Method: SW846 6010D - Metals (ICP) - Total Recoverable

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	**36**		15	4.1	ug/L		10/18/24 14:00	10/21/24 16:42	1

Client Sample ID: SB-19-GW-18-28
Date Collected: 10/16/24 12:38
Date Received: 10/16/24 16:16

Lab Sample ID: 240-213229-10
Matrix: Water

Method: SW846 6010D - Metals (ICP) - Total Recoverable (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Barium	**160**	**J B**	200	1.3	ug/L		10/18/24 14:00	10/21/24 16:42	1
Cadmium	**0.82**	**J**	5.0	0.45	ug/L		10/18/24 14:00	10/21/24 16:42	1
Chromium	**54**		10	0.76	ug/L		10/18/24 14:00	10/21/24 16:42	1
Copper	**100**		25	3.5	ug/L		10/18/24 14:00	10/21/24 16:42	1
Lead	**51**		10	2.8	ug/L		10/18/24 14:00	10/21/24 16:42	1
Selenium	ND		20	6.0	ug/L		10/18/24 14:00	10/21/24 16:42	1
Silver	ND		10	1.4	ug/L		10/18/24 14:00	10/21/24 16:42	1
Zinc	**180**		50	23	ug/L		10/18/24 14:00	10/21/24 16:42	1

Method: SW846 6010D - Metals (ICP) - Dissolved

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	**9.4**	**J**	15	4.1	ug/L		10/18/24 14:00	10/21/24 16:47	1
Barium	**47**	**J B**	200	1.3	ug/L		10/18/24 14:00	10/21/24 16:47	1
Cadmium	ND		5.0	0.45	ug/L		10/18/24 14:00	10/21/24 16:47	1
Chromium	ND		10	0.76	ug/L		10/18/24 14:00	10/21/24 16:47	1
Copper	ND		25	3.5	ug/L		10/18/24 14:00	10/21/24 16:47	1
Lead	ND		10	2.8	ug/L		10/18/24 14:00	10/21/24 16:47	1
Selenium	ND		20	6.0	ug/L		10/18/24 14:00	10/21/24 16:47	1
Silver	ND		10	1.4	ug/L		10/18/24 14:00	10/21/24 16:47	1
Zinc	ND		50	23	ug/L		10/18/24 14:00	10/21/24 16:47	1

Method: SW846 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	ND		0.20	0.13	ug/L		10/18/24 14:00	10/21/24 14:32	1

Method: SW846 7470A - Mercury (CVAA) - Dissolved

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	ND		0.20	0.13	ug/L		10/18/24 14:00	10/21/24 14:33	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chromium, hexavalent (SW846 7196A)	ND		0.20	0.070	mg/L			10/17/24 11:44	10
Cyanide, Total (SW846 9012B)	ND		0.010	0.0060	mg/L		10/24/24 09:27	10/24/24 18:34	1
Cyanide, Free (OI CORP OIA-1677)	ND		0.0060	0.0050	mg/L			10/28/24 14:04	1

General Chemistry - Dissolved

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chromium, hexavalent (SW846 7196A)	ND		0.020	0.0070	mg/L			10/17/24 11:44	1

Client: August Mack Environmental, Inc.
Project/Site: MSC Canfield

Job ID: 240-213229-1

Client Sample ID: SB-20-GW-14-24
Date Collected: 10/16/24 12:03
Date Received: 10/16/24 16:16

Lab Sample ID: 240-213229-11
Matrix: Water

Method: SW846 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		1.0	0.48	ug/L			10/26/24 00:17	1
1,1,2,2-Tetrachloroethane	ND		1.0	0.60	ug/L			10/26/24 00:17	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		1.0	0.41	ug/L			10/26/24 00:17	1
1,1,2-Trichloroethane	ND		1.0	0.48	ug/L			10/26/24 00:17	1
1,1-Dichloroethane	ND		1.0	0.47	ug/L			10/26/24 00:17	1
1,1-Dichloroethene	ND		1.0	0.49	ug/L			10/26/24 00:17	1
1,2,4-Trichlorobenzene	ND		1.0	0.77	ug/L			10/26/24 00:17	1
1,2-Dibromo-3-Chloropropane	ND		2.0	0.91	ug/L			10/26/24 00:17	1
Ethylene Dibromide	ND		1.0	0.41	ug/L			10/26/24 00:17	1
1,2-Dichlorobenzene	ND		1.0	0.48	ug/L			10/26/24 00:17	1
1,2-Dichloroethane	ND		1.0	0.46	ug/L			10/26/24 00:17	1
1,2-Dichloropropane	ND		1.0	0.47	ug/L			10/26/24 00:17	1
1,3-Dichlorobenzene	ND		1.0	0.45	ug/L			10/26/24 00:17	1
1,4-Dichlorobenzene	ND		1.0	0.41	ug/L			10/26/24 00:17	1
2-Butanone (MEK)	**1.2**	**J**	10	1.2	ug/L			10/26/24 00:17	1
2-Hexanone	ND		10	1.1	ug/L			10/26/24 00:17	1
4-Methyl-2-pentanone (MIBK)	ND		10	0.99	ug/L			10/26/24 00:17	1
Acetone	**6.1**	**J B**	10	5.4	ug/L			10/26/24 00:17	1
Benzene	ND		1.0	0.42	ug/L			10/26/24 00:17	1
Dichlorobromomethane	ND		1.0	0.38	ug/L			10/26/24 00:17	1
Bromoform	ND		1.0	0.76	ug/L			10/26/24 00:17	1
Bromomethane	ND		1.0	0.42	ug/L			10/26/24 00:17	1
Carbon disulfide	ND		1.0	0.59	ug/L			10/26/24 00:17	1
Carbon tetrachloride	ND		1.0	0.26	ug/L			10/26/24 00:17	1
Chlorobenzene	ND		1.0	0.38	ug/L			10/26/24 00:17	1
Chloroethane	ND		1.0	0.83	ug/L			10/26/24 00:17	1
Chloroform	ND		1.0	0.47	ug/L			10/26/24 00:17	1
Chloromethane	ND		1.0	0.63	ug/L			10/26/24 00:17	1
cis-1,2-Dichloroethene	ND		1.0	0.46	ug/L			10/26/24 00:17	1
cis-1,3-Dichloropropene	ND		1.0	0.61	ug/L			10/26/24 00:17	1
Cyclohexane	ND		1.0	0.48	ug/L			10/26/24 00:17	1
Chlorodibromomethane	ND		1.0	0.39	ug/L			10/26/24 00:17	1
Dichlorodifluoromethane	ND		1.0	0.35	ug/L			10/26/24 00:17	1
Ethylbenzene	ND		1.0	0.42	ug/L			10/26/24 00:17	1
Isopropylbenzene	ND		1.0	0.49	ug/L			10/26/24 00:17	1
Methyl acetate	ND		10	1.7	ug/L			10/26/24 00:17	1
Methyl tert-butyl ether	ND		1.0	0.47	ug/L			10/26/24 00:17	1
Methylcyclohexane	ND		1.0	0.33	ug/L			10/26/24 00:17	1
Methylene Chloride	ND		5.0	2.6	ug/L			10/26/24 00:17	1
Styrene	ND		1.0	0.45	ug/L			10/26/24 00:17	1
Tetrachloroethene	ND		1.0	0.44	ug/L			10/26/24 00:17	1
Toluene	ND		1.0	0.44	ug/L			10/26/24 00:17	1
trans-1,2-Dichloroethene	ND		1.0	0.51	ug/L			10/26/24 00:17	1
trans-1,3-Dichloropropene	ND		1.0	0.67	ug/L			10/26/24 00:17	1
Trichloroethene	ND		1.0	0.44	ug/L			10/26/24 00:17	1
Trichlorofluoromethane	ND		1.0	0.45	ug/L			10/26/24 00:17	1
Vinyl chloride	ND		1.0	0.45	ug/L			10/26/24 00:17	1
Xylenes, Total	ND		2.0	0.42	ug/L			10/26/24 00:17	1

Client Sample ID: SB-20-GW-14-24
Date Collected: 10/16/24 12:03
Date Received: 10/16/24 16:16

Lab Sample ID: 240-213229-11
Matrix: Water

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Toluene-d8 (Surr)	*104*		*78 - 122*		*10/26/24 00:17*	*1*
Dibromofluoromethane (Surr)	*96*		*73 - 120*		*10/26/24 00:17*	*1*
4-Bromofluorobenzene (Surr)	*103*		*56 - 136*		*10/26/24 00:17*	*1*
1,2-Dichloroethane-d4 (Surr)	*105*		*62 - 137*		*10/26/24 00:17*	*1*

Method: SW846 8270E - Semivolatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1'-Biphenyl	ND		0.96	0.47	ug/L		10/18/24 08:24	10/21/24 17:42	1
bis (2-chloroisopropyl) ether	ND		0.96	0.23	ug/L		10/18/24 08:24	10/21/24 17:42	1
2,4,5-Trichlorophenol	ND		4.8	1.9	ug/L		10/18/24 08:24	10/21/24 17:42	1
2,4,6-Trichlorophenol	ND		4.8	1.7	ug/L		10/18/24 08:24	10/21/24 17:42	1
2,4-Dichlorophenol	ND		1.9	0.25	ug/L		10/18/24 08:24	10/21/24 17:42	1
2,4-Dimethylphenol	ND		1.9	0.24	ug/L		10/18/24 08:24	10/21/24 17:42	1
2,4-Dinitrophenol	ND		9.6	2.5	ug/L		10/18/24 08:24	10/21/24 17:42	1
2,4-Dinitrotoluene	ND		4.8	2.0	ug/L		10/18/24 08:24	10/21/24 17:42	1
2,6-Dinitrotoluene	ND		4.8	1.0	ug/L		10/18/24 08:24	10/21/24 17:42	1
2-Chloronaphthalene	ND		0.96	0.22	ug/L		10/18/24 08:24	10/21/24 17:42	1
2-Chlorophenol	ND		0.96	0.26	ug/L		10/18/24 08:24	10/21/24 17:42	1
2-Methylnaphthalene	ND		0.19	0.11	ug/L		10/18/24 08:24	10/21/24 17:42	1
2-Methylphenol	ND		0.96	0.20	ug/L		10/18/24 08:24	10/21/24 17:42	1
2-Nitroaniline	ND		1.9	0.49	ug/L		10/18/24 08:24	10/21/24 17:42	1
2-Nitrophenol	ND		1.9	0.54	ug/L		10/18/24 08:24	10/21/24 17:42	1
3,3'-Dichlorobenzidine	ND		4.8	1.1	ug/L		10/18/24 08:24	10/21/24 17:42	1
3-Nitroaniline	ND		1.9	0.54	ug/L		10/18/24 08:24	10/21/24 17:42	1
4,6-Dinitro-2-methylphenol	ND		4.8	2.7	ug/L		10/18/24 08:24	10/21/24 17:42	1
4-Bromophenyl phenyl ether	ND		1.9	0.48	ug/L		10/18/24 08:24	10/21/24 17:42	1
4-Chloro-3-methylphenol	ND		1.9	0.28	ug/L		10/18/24 08:24	10/21/24 17:42	1
4-Chloroaniline	ND		1.9	0.30	ug/L		10/18/24 08:24	10/21/24 17:42	1
4-Chlorophenyl phenyl ether	ND		1.9	0.53	ug/L		10/18/24 08:24	10/21/24 17:42	1
4-Nitroaniline	ND		1.9	0.31	ug/L		10/18/24 08:24	10/21/24 17:42	1
4-Nitrophenol	ND		9.6	2.1	ug/L		10/18/24 08:24	10/21/24 17:42	1
Acenaphthene	ND		0.19	0.17	ug/L		10/18/24 08:24	10/21/24 17:42	1
Acenaphthylene	ND		0.19	0.12	ug/L		10/18/24 08:24	10/21/24 17:42	1
Acetophenone	ND		0.96	0.35	ug/L		10/18/24 08:24	10/21/24 17:42	1
Anthracene	ND		0.19	0.13	ug/L		10/18/24 08:24	10/21/24 17:42	1
Atrazine	ND		1.9	0.92	ug/L		10/18/24 08:24	10/21/24 17:42	1
Benzaldehyde	ND		1.9	0.73	ug/L		10/18/24 08:24	10/21/24 17:42	1
Benzo[a]anthracene	ND		0.19	0.065	ug/L		10/18/24 08:24	10/21/24 17:42	1
Benzo[a]pyrene	ND		0.19	0.17	ug/L		10/18/24 08:24	10/21/24 17:42	1
Benzo[b]fluoranthene	ND		0.19	0.15	ug/L		10/18/24 08:24	10/21/24 17:42	1
Benzo[g,h,i]perylene	ND		0.19	0.17	ug/L		10/18/24 08:24	10/21/24 17:42	1
Benzo[k]fluoranthene	ND		0.19	0.13	ug/L		10/18/24 08:24	10/21/24 17:42	1
Bis(2-chloroethoxy)methane	ND		0.96	0.21	ug/L		10/18/24 08:24	10/21/24 17:42	1
Bis(2-chloroethyl)ether	ND		0.96	0.39	ug/L		10/18/24 08:24	10/21/24 17:42	1
Bis(2-ethylhexyl) phthalate	ND		4.8	2.1	ug/L		10/18/24 08:24	10/21/24 17:42	1
Butyl benzyl phthalate	ND		1.9	0.64	ug/L		10/18/24 08:24	10/21/24 17:42	1
Caprolactam	ND		4.8	3.7	ug/L		10/18/24 08:24	10/21/24 17:42	1
Carbazole	ND		0.96	0.47	ug/L		10/18/24 08:24	10/21/24 17:42	1
Chrysene	ND		0.19	0.063	ug/L		10/18/24 08:24	10/21/24 17:42	1
Dibenz(a,h)anthracene	ND		0.19	0.15	ug/L		10/18/24 08:24	10/21/24 17:42	1

Client Sample ID: SB-20-GW-14-24
Date Collected: 10/16/24 12:03
Date Received: 10/16/24 16:16

Lab Sample ID: 240-213229-11
Matrix: Water

Method: SW846 8270E - Semivolatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Dibenzofuran	ND		0.96	0.26	ug/L		10/18/24 08:24	10/21/24 17:42	1
Diethyl phthalate	ND		4.8	0.39	ug/L		10/18/24 08:24	10/21/24 17:42	1
Dimethyl phthalate	ND		1.9	0.50	ug/L		10/18/24 08:24	10/21/24 17:42	1
Di-n-butyl phthalate	ND		4.8	1.7	ug/L		10/18/24 08:24	10/21/24 17:42	1
Di-n-octyl phthalate	ND		1.9	0.79	ug/L		10/18/24 08:24	10/21/24 17:42	1
Fluoranthene	ND		0.19	0.15	ug/L		10/18/24 08:24	10/21/24 17:42	1
Fluorene	ND		0.19	0.076	ug/L		10/18/24 08:24	10/21/24 17:42	1
Hexachlorobenzene	ND		0.19	0.15	ug/L		10/18/24 08:24	10/21/24 17:42	1
Hexachlorobutadiene	ND		0.96	0.52	ug/L		10/18/24 08:24	10/21/24 17:42	1
Hexachlorocyclopentadiene	ND		9.6	1.7	ug/L		10/18/24 08:24	10/21/24 17:42	1
Hexachloroethane	ND		0.96	0.38	ug/L		10/18/24 08:24	10/21/24 17:42	1
Indeno[1,2,3-cd]pyrene	ND		0.19	0.13	ug/L		10/18/24 08:24	10/21/24 17:42	1
Isophorone	ND		0.96	0.31	ug/L		10/18/24 08:24	10/21/24 17:42	1
N-Nitrosodi-n-propylamine	ND		0.96	0.24	ug/L		10/18/24 08:24	10/21/24 17:42	1
N-Nitrosodiphenylamine	ND		0.96	0.42	ug/L		10/18/24 08:24	10/21/24 17:42	1
Naphthalene	ND		0.19	0.10	ug/L		10/18/24 08:24	10/21/24 17:42	1
Nitrobenzene	ND		0.96	0.49	ug/L		10/18/24 08:24	10/21/24 17:42	1
Pentachlorophenol	ND		9.6	3.0	ug/L		10/18/24 08:24	10/21/24 17:42	1
Phenanthrene	ND		0.19	0.077	ug/L		10/18/24 08:24	10/21/24 17:42	1
Phenol	ND		0.96	0.39	ug/L		10/18/24 08:24	10/21/24 17:42	1
Pyrene	ND		0.19	0.080	ug/L		10/18/24 08:24	10/21/24 17:42	1
3 & 4 Methylphenol	ND		1.9	0.18	ug/L		10/18/24 08:24	10/21/24 17:42	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Terphenyl-d14 (Surr)	*77*		*43 - 136*	*10/18/24 08:24*	*10/21/24 17:42*	*1*
Phenol-d5 (Surr)	*63*		*10 - 120*	*10/18/24 08:24*	*10/21/24 17:42*	*1*
Nitrobenzene-d5 (Surr)	*67*		*40 - 120*	*10/18/24 08:24*	*10/21/24 17:42*	*1*
2-Fluorophenol (Surr)	*76*		*10 - 127*	*10/18/24 08:24*	*10/21/24 17:42*	*1*
2-Fluorobiphenyl (Surr)	*92*		*41 - 120*	*10/18/24 08:24*	*10/21/24 17:42*	*1*
2,4,6-Tribromophenol (Surr)	*103*		*23 - 127*	*10/18/24 08:24*	*10/21/24 17:42*	*1*

Method: SW846 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aroclor-1016	ND		0.10	0.056	ug/L		10/18/24 08:21	10/22/24 11:32	1
Aroclor-1221	ND		0.10	0.057	ug/L		10/18/24 08:21	10/22/24 11:32	1
Aroclor-1232	ND		0.10	0.074	ug/L		10/18/24 08:21	10/22/24 11:32	1
Aroclor-1242	ND		0.10	0.076	ug/L		10/18/24 08:21	10/22/24 11:32	1
Aroclor-1248	ND		0.10	0.050	ug/L		10/18/24 08:21	10/22/24 11:32	1
Aroclor-1254	ND		0.10	0.040	ug/L		10/18/24 08:21	10/22/24 11:32	1
Aroclor-1260	ND		0.10	0.046	ug/L		10/18/24 08:21	10/22/24 11:32	1
Aroclor-1262	ND		0.10	0.058	ug/L		10/18/24 08:21	10/22/24 11:32	1
Aroclor-1268	ND		0.10	0.062	ug/L		10/18/24 08:21	10/22/24 11:32	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Tetrachloro-m-xylene	*51*		*10 - 149*	*10/18/24 08:21*	*10/22/24 11:32*	*1*
DCB Decachlorobiphenyl	*34*		*10 - 174*	*10/18/24 08:21*	*10/22/24 11:32*	*1*

Method: SW846 6010D - Metals (ICP) - Total Recoverable

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	**110**		15	4.1	ug/L		10/18/24 14:00	10/21/24 16:51	1

Client: August Mack Environmental, Inc.
Project/Site: MSC Canfield

Job ID: 240-213229-1

Client Sample ID: SB-20-GW-14-24
Date Collected: 10/16/24 12:03
Date Received: 10/16/24 16:16

Lab Sample ID: 240-213229-11
Matrix: Water

Method: SW846 6010D - Metals (ICP) - Total Recoverable (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Barium	**270**	**B**	200	1.3	ug/L		10/18/24 14:00	10/21/24 16:51	1
Cadmium	**1.3**	**J**	5.0	0.45	ug/L		10/18/24 14:00	10/21/24 16:51	1
Chromium	**200**		10	0.76	ug/L		10/18/24 14:00	10/21/24 16:51	1
Copper	**190**		25	3.5	ug/L		10/18/24 14:00	10/21/24 16:51	1
Lead	**110**		10	2.8	ug/L		10/18/24 14:00	10/21/24 16:51	1
Selenium	ND		20	6.0	ug/L		10/18/24 14:00	10/21/24 16:51	1
Silver	ND		10	1.4	ug/L		10/18/24 14:00	10/21/24 16:51	1
Zinc	**510**		50	23	ug/L		10/18/24 14:00	10/21/24 16:51	1

Method: SW846 6010D - Metals (ICP) - Dissolved

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	**13**	**J**	15	4.1	ug/L		10/18/24 14:00	10/21/24 16:55	1
Barium	**33**	**J B**	200	1.3	ug/L		10/18/24 14:00	10/21/24 16:55	1
Cadmium	ND		5.0	0.45	ug/L		10/18/24 14:00	10/21/24 16:55	1
Chromium	ND		10	0.76	ug/L		10/18/24 14:00	10/21/24 16:55	1
Copper	ND		25	3.5	ug/L		10/18/24 14:00	10/21/24 16:55	1
Lead	ND		10	2.8	ug/L		10/18/24 14:00	10/21/24 16:55	1
Selenium	ND		20	6.0	ug/L		10/18/24 14:00	10/21/24 16:55	1
Silver	ND		10	1.4	ug/L		10/18/24 14:00	10/21/24 16:55	1
Zinc	ND		50	23	ug/L		10/18/24 14:00	10/21/24 16:55	1

Method: SW846 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	ND		0.20	0.13	ug/L		10/18/24 14:00	10/21/24 14:35	1

Method: SW846 7470A - Mercury (CVAA) - Dissolved

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	ND		0.20	0.13	ug/L		10/18/24 14:00	10/21/24 14:37	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chromium, hexavalent (SW846 7196A)	ND		0.020	0.0070	mg/L			10/17/24 11:42	1
Cyanide, Total (SW846 9012B)	**0.0097**	**J B**	0.010	0.0060	mg/L		10/24/24 09:27	10/24/24 18:36	1
Cyanide, Free (OI CORP OIA-1677)	ND		0.0060	0.0050	mg/L			10/28/24 14:07	1

General Chemistry - Dissolved

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chromium, hexavalent (SW846 7196A)	**0.11**	**J**	0.20	0.070	mg/L			10/17/24 11:42	10

Client: August Mack Environmental, Inc.
Project/Site: MSC Canfield

Job ID: 240-213229-1

Client Sample ID: SB-18-GW-14-24
Date Collected: 10/16/24 11:41
Date Received: 10/16/24 16:16

Lab Sample ID: 240-213229-12
Matrix: Water

Method: SW846 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		1.0	0.48	ug/L			10/26/24 00:39	1
1,1,2,2-Tetrachloroethane	ND		1.0	0.60	ug/L			10/26/24 00:39	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		1.0	0.41	ug/L			10/26/24 00:39	1
1,1,2-Trichloroethane	ND		1.0	0.48	ug/L			10/26/24 00:39	1
1,1-Dichloroethane	ND		1.0	0.47	ug/L			10/26/24 00:39	1
1,1-Dichloroethene	ND		1.0	0.49	ug/L			10/26/24 00:39	1
1,2,4-Trichlorobenzene	ND		1.0	0.77	ug/L			10/26/24 00:39	1
1,2-Dibromo-3-Chloropropane	ND		2.0	0.91	ug/L			10/26/24 00:39	1
Ethylene Dibromide	ND		1.0	0.41	ug/L			10/26/24 00:39	1
1,2-Dichlorobenzene	ND		1.0	0.48	ug/L			10/26/24 00:39	1
1,2-Dichloroethane	ND		1.0	0.46	ug/L			10/26/24 00:39	1
1,2-Dichloropropane	ND		1.0	0.47	ug/L			10/26/24 00:39	1
1,3-Dichlorobenzene	ND		1.0	0.45	ug/L			10/26/24 00:39	1
1,4-Dichlorobenzene	ND		1.0	0.41	ug/L			10/26/24 00:39	1
2-Butanone (MEK)	**24**		10	1.2	ug/L			10/26/24 00:39	1
2-Hexanone	**1.8**	**J**	10	1.1	ug/L			10/26/24 00:39	1
4-Methyl-2-pentanone (MIBK)	ND		10	0.99	ug/L			10/26/24 00:39	1
Acetone	**12**	**B**	10	5.4	ug/L			10/26/24 00:39	1
Benzene	ND		1.0	0.42	ug/L			10/26/24 00:39	1
Dichlorobromomethane	ND		1.0	0.38	ug/L			10/26/24 00:39	1
Bromoform	ND		1.0	0.76	ug/L			10/26/24 00:39	1
Bromomethane	ND		1.0	0.42	ug/L			10/26/24 00:39	1
Carbon disulfide	ND		1.0	0.59	ug/L			10/26/24 00:39	1
Carbon tetrachloride	ND		1.0	0.26	ug/L			10/26/24 00:39	1
Chlorobenzene	ND		1.0	0.38	ug/L			10/26/24 00:39	1
Chloroethane	ND		1.0	0.83	ug/L			10/26/24 00:39	1
Chloroform	ND		1.0	0.47	ug/L			10/26/24 00:39	1
Chloromethane	ND		1.0	0.63	ug/L			10/26/24 00:39	1
cis-1,2-Dichloroethene	ND		1.0	0.46	ug/L			10/26/24 00:39	1
cis-1,3-Dichloropropene	ND		1.0	0.61	ug/L			10/26/24 00:39	1
Cyclohexane	ND		1.0	0.48	ug/L			10/26/24 00:39	1
Chlorodibromomethane	ND		1.0	0.39	ug/L			10/26/24 00:39	1
Dichlorodifluoromethane	ND		1.0	0.35	ug/L			10/26/24 00:39	1
Ethylbenzene	ND		1.0	0.42	ug/L			10/26/24 00:39	1
Isopropylbenzene	ND		1.0	0.49	ug/L			10/26/24 00:39	1
Methyl acetate	ND		10	1.7	ug/L			10/26/24 00:39	1
Methyl tert-butyl ether	ND		1.0	0.47	ug/L			10/26/24 00:39	1
Methylcyclohexane	ND		1.0	0.33	ug/L			10/26/24 00:39	1
Methylene Chloride	ND		5.0	2.6	ug/L			10/26/24 00:39	1
Styrene	ND		1.0	0.45	ug/L			10/26/24 00:39	1
Tetrachloroethene	ND		1.0	0.44	ug/L			10/26/24 00:39	1
Toluene	ND		1.0	0.44	ug/L			10/26/24 00:39	1
trans-1,2-Dichloroethene	ND		1.0	0.51	ug/L			10/26/24 00:39	1
trans-1,3-Dichloropropene	ND		1.0	0.67	ug/L			10/26/24 00:39	1
Trichloroethene	ND		1.0	0.44	ug/L			10/26/24 00:39	1
Trichlorofluoromethane	ND		1.0	0.45	ug/L			10/26/24 00:39	1
Vinyl chloride	ND		1.0	0.45	ug/L			10/26/24 00:39	1
Xylenes, Total	ND		2.0	0.42	ug/L			10/26/24 00:39	1

Client: August Mack Environmental, Inc.
Project/Site: MSC Canfield

Job ID: 240-213229-1

Client Sample ID: SB-18-GW-14-24
Date Collected: 10/16/24 11:41
Date Received: 10/16/24 16:16

Lab Sample ID: 240-213229-12
Matrix: Water

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
Toluene-d8 (Surr)	*99*		*78 - 122*		*10/26/24 00:39*	*1*
Dibromofluoromethane (Surr)	*96*		*73 - 120*		*10/26/24 00:39*	*1*
4-Bromofluorobenzene (Surr)	*97*		*56 - 136*		*10/26/24 00:39*	*1*
1,2-Dichloroethane-d4 (Surr)	*104*		*62 - 137*		*10/26/24 00:39*	*1*

Method: SW846 8270E - Semivolatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1'-Biphenyl	ND		0.96	0.47	ug/L		10/18/24 08:24	10/21/24 18:05	1
bis (2-chloroisopropyl) ether	ND		0.96	0.23	ug/L		10/18/24 08:24	10/21/24 18:05	1
2,4,5-Trichlorophenol	ND		4.8	1.9	ug/L		10/18/24 08:24	10/21/24 18:05	1
2,4,6-Trichlorophenol	ND		4.8	1.7	ug/L		10/18/24 08:24	10/21/24 18:05	1
2,4-Dichlorophenol	ND		1.9	0.25	ug/L		10/18/24 08:24	10/21/24 18:05	1
2,4-Dimethylphenol	ND		1.9	0.24	ug/L		10/18/24 08:24	10/21/24 18:05	1
2,4-Dinitrophenol	ND		9.6	2.5	ug/L		10/18/24 08:24	10/21/24 18:05	1
2,4-Dinitrotoluene	ND		4.8	2.0	ug/L		10/18/24 08:24	10/21/24 18:05	1
2,6-Dinitrotoluene	ND		4.8	1.0	ug/L		10/18/24 08:24	10/21/24 18:05	1
2-Chloronaphthalene	ND		0.96	0.22	ug/L		10/18/24 08:24	10/21/24 18:05	1
2-Chlorophenol	ND		0.96	0.26	ug/L		10/18/24 08:24	10/21/24 18:05	1
2-Methylphenol	ND		0.96	0.20	ug/L		10/18/24 08:24	10/21/24 18:05	1
2-Nitroaniline	ND		1.9	0.49	ug/L		10/18/24 08:24	10/21/24 18:05	1
2-Nitrophenol	ND		1.9	0.54	ug/L		10/18/24 08:24	10/21/24 18:05	1
3,3'-Dichlorobenzidine	ND		4.8	1.1	ug/L		10/18/24 08:24	10/21/24 18:05	1
3-Nitroaniline	ND		1.9	0.54	ug/L		10/18/24 08:24	10/21/24 18:05	1
4,6-Dinitro-2-methylphenol	ND		4.8	2.7	ug/L		10/18/24 08:24	10/21/24 18:05	1
4-Bromophenyl phenyl ether	ND		1.9	0.48	ug/L		10/18/24 08:24	10/21/24 18:05	1
4-Chloro-3-methylphenol	ND		1.9	0.28	ug/L		10/18/24 08:24	10/21/24 18:05	1
4-Chloroaniline	ND		1.9	0.30	ug/L		10/18/24 08:24	10/21/24 18:05	1
4-Chlorophenyl phenyl ether	ND		1.9	0.53	ug/L		10/18/24 08:24	10/21/24 18:05	1
4-Nitroaniline	ND		1.9	0.31	ug/L		10/18/24 08:24	10/21/24 18:05	1
4-Nitrophenol	ND		9.6	2.1	ug/L		10/18/24 08:24	10/21/24 18:05	1
Acenaphthene	**0.77**		0.19	0.17	ug/L		10/18/24 08:24	10/21/24 18:05	1
Acenaphthylene	ND		0.19	0.12	ug/L		10/18/24 08:24	10/21/24 18:05	1
Acetophenone	ND		0.96	0.35	ug/L		10/18/24 08:24	10/21/24 18:05	1
Anthracene	**1.7**		0.19	0.13	ug/L		10/18/24 08:24	10/21/24 18:05	1
Atrazine	ND		1.9	0.92	ug/L		10/18/24 08:24	10/21/24 18:05	1
Benzaldehyde	ND		1.9	0.73	ug/L		10/18/24 08:24	10/21/24 18:05	1
Benzo[a]anthracene	**2.8**		0.19	0.065	ug/L		10/18/24 08:24	10/21/24 18:05	1
Benzo[a]pyrene	**2.2**		0.19	0.17	ug/L		10/18/24 08:24	10/21/24 18:05	1
Benzo[b]fluoranthene	**2.7**		0.19	0.15	ug/L		10/18/24 08:24	10/21/24 18:05	1
Benzo[g,h,i]perylene	**1.2**		0.19	0.17	ug/L		10/18/24 08:24	10/21/24 18:05	1
Benzo[k]fluoranthene	**1.2**		0.19	0.13	ug/L		10/18/24 08:24	10/21/24 18:05	1
Bis(2-chloroethoxy)methane	ND		0.96	0.21	ug/L		10/18/24 08:24	10/21/24 18:05	1
Bis(2-chloroethyl)ether	ND		0.96	0.39	ug/L		10/18/24 08:24	10/21/24 18:05	1
Bis(2-ethylhexyl) phthalate	ND		4.8	2.1	ug/L		10/18/24 08:24	10/21/24 18:05	1
Butyl benzyl phthalate	ND		1.9	0.64	ug/L		10/18/24 08:24	10/21/24 18:05	1
Caprolactam	ND		4.8	3.7	ug/L		10/18/24 08:24	10/21/24 18:05	1
Carbazole	**1.0**		0.96	0.47	ug/L		10/18/24 08:24	10/21/24 18:05	1
Chrysene	**2.5**		0.19	0.063	ug/L		10/18/24 08:24	10/21/24 18:05	1
Dibenz(a,h)anthracene	**0.27**		0.19	0.15	ug/L		10/18/24 08:24	10/21/24 18:05	1
Dibenzofuran	**0.38**	**J**	0.96	0.26	ug/L		10/18/24 08:24	10/21/24 18:05	1

Client Sample ID: SB-18-GW-14-24
Date Collected: 10/16/24 11:41
Date Received: 10/16/24 16:16

Lab Sample ID: 240-213229-12
Matrix: Water

Method: SW846 8270E - Semivolatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Diethyl phthalate	ND		4.8	0.39	ug/L		10/18/24 08:24	10/21/24 18:05	1
Dimethyl phthalate	ND		1.9	0.50	ug/L		10/18/24 08:24	10/21/24 18:05	1
Di-n-butyl phthalate	ND		4.8	1.7	ug/L		10/18/24 08:24	10/21/24 18:05	1
Di-n-octyl phthalate	ND		1.9	0.79	ug/L		10/18/24 08:24	10/21/24 18:05	1
Fluoranthene	**7.6**		0.19	0.15	ug/L		10/18/24 08:24	10/21/24 18:05	1
Fluorene	**0.74**		0.19	0.076	ug/L		10/18/24 08:24	10/21/24 18:05	1
Hexachlorobenzene	ND		0.19	0.15	ug/L		10/18/24 08:24	10/21/24 18:05	1
Hexachlorobutadiene	ND		0.96	0.52	ug/L		10/18/24 08:24	10/21/24 18:05	1
Hexachlorocyclopentadiene	ND		9.6	1.7	ug/L		10/18/24 08:24	10/21/24 18:05	1
Hexachloroethane	ND		0.96	0.38	ug/L		10/18/24 08:24	10/21/24 18:05	1
Indeno[1,2,3-cd]pyrene	**0.92**		0.19	0.13	ug/L		10/18/24 08:24	10/21/24 18:05	1
Isophorone	ND		0.96	0.31	ug/L		10/18/24 08:24	10/21/24 18:05	1
N-Nitrosodi-n-propylamine	ND		0.96	0.24	ug/L		10/18/24 08:24	10/21/24 18:05	1
N-Nitrosodiphenylamine	ND		0.96	0.42	ug/L		10/18/24 08:24	10/21/24 18:05	1
Nitrobenzene	ND		0.96	0.49	ug/L		10/18/24 08:24	10/21/24 18:05	1
Pentachlorophenol	ND		9.6	3.0	ug/L		10/18/24 08:24	10/21/24 18:05	1
Phenanthrene	**5.9**		0.19	0.077	ug/L		10/18/24 08:24	10/21/24 18:05	1
Phenol	ND		0.96	0.39	ug/L		10/18/24 08:24	10/21/24 18:05	1
Pyrene	**5.5**		0.19	0.080	ug/L		10/18/24 08:24	10/21/24 18:05	1
3 & 4 Methylphenol	ND		1.9	0.18	ug/L		10/18/24 08:24	10/21/24 18:05	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Terphenyl-d14 (Surr)	*75*		*43 - 136*	*10/18/24 08:24*	*10/21/24 18:05*	*1*
Phenol-d5 (Surr)	*63*		*10 - 120*	*10/18/24 08:24*	*10/21/24 18:05*	*1*
Nitrobenzene-d5 (Surr)	*67*		*40 - 120*	*10/18/24 08:24*	*10/21/24 18:05*	*1*
2-Fluorophenol (Surr)	*77*		*10 - 127*	*10/18/24 08:24*	*10/21/24 18:05*	*1*
2-Fluorobiphenyl (Surr)	*94*		*41 - 120*	*10/18/24 08:24*	*10/21/24 18:05*	*1*
2,4,6-Tribromophenol (Surr)	*103*		*23 - 127*	*10/18/24 08:24*	*10/21/24 18:05*	*1*

Method: SW846 8270E - Semivolatile Organic Compounds (GC/MS) - RE

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2-Methylnaphthalene	ND		0.19	0.11	ug/L		10/23/24 08:21	10/25/24 11:39	1
Naphthalene	**0.28**		0.19	0.10	ug/L		10/23/24 08:21	10/25/24 11:39	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Terphenyl-d14 (Surr)	*75*		*43 - 136*	*10/23/24 08:21*	*10/25/24 11:39*	*1*
Phenol-d5 (Surr)	*62*		*10 - 120*	*10/23/24 08:21*	*10/25/24 11:39*	*1*
Nitrobenzene-d5 (Surr)	*87*		*40 - 120*	*10/23/24 08:21*	*10/25/24 11:39*	*1*
2-Fluorophenol (Surr)	*111*		*10 - 127*	*10/23/24 08:21*	*10/25/24 11:39*	*1*
2-Fluorobiphenyl (Surr)	*60*		*41 - 120*	*10/23/24 08:21*	*10/25/24 11:39*	*1*
2,4,6-Tribromophenol (Surr)	*90*		*23 - 127*	*10/23/24 08:21*	*10/25/24 11:39*	*1*

Method: SW846 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aroclor-1016	ND		0.095	0.053	ug/L		10/18/24 08:21	10/22/24 11:46	1
Aroclor-1221	ND		0.095	0.054	ug/L		10/18/24 08:21	10/22/24 11:46	1
Aroclor-1232	ND		0.095	0.070	ug/L		10/18/24 08:21	10/22/24 11:46	1
Aroclor-1242	ND		0.095	0.072	ug/L		10/18/24 08:21	10/22/24 11:46	1
Aroclor-1248	ND		0.095	0.048	ug/L		10/18/24 08:21	10/22/24 11:46	1
Aroclor-1254	ND		0.095	0.038	ug/L		10/18/24 08:21	10/22/24 11:46	1

Client Sample ID: SB-18-GW-14-24
Date Collected: 10/16/24 11:41
Date Received: 10/16/24 16:16

Lab Sample ID: 240-213229-12
Matrix: Water

Method: SW846 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aroclor-1260	ND		0.095	0.044	ug/L		10/18/24 08:21	10/22/24 11:46	1
Aroclor-1262	ND		0.095	0.055	ug/L		10/18/24 08:21	10/22/24 11:46	1
Aroclor-1268	ND		0.095	0.059	ug/L		10/18/24 08:21	10/22/24 11:46	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Tetrachloro-m-xylene	*52*		*10 - 149*	*10/18/24 08:21*	*10/22/24 11:46*	*1*
DCB Decachlorobiphenyl	*28*		*10 - 174*	*10/18/24 08:21*	*10/22/24 11:46*	*1*

Method: SW846 6010D - Metals (ICP) - Total Recoverable

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	**60**		15	4.1	ug/L		10/18/24 14:00	10/21/24 17:00	1
Barium	**210**	**B**	200	1.3	ug/L		10/18/24 14:00	10/21/24 17:00	1
Cadmium	**0.66**	**J**	5.0	0.45	ug/L		10/18/24 14:00	10/21/24 17:00	1
Chromium	**53**		10	0.76	ug/L		10/18/24 14:00	10/21/24 17:00	1
Copper	**85**		25	3.5	ug/L		10/18/24 14:00	10/21/24 17:00	1
Lead	**54**		10	2.8	ug/L		10/18/24 14:00	10/21/24 17:00	1
Selenium	ND		20	6.0	ug/L		10/18/24 14:00	10/21/24 17:00	1
Silver	ND		10	1.4	ug/L		10/18/24 14:00	10/21/24 17:00	1
Zinc	**300**		50	23	ug/L		10/18/24 14:00	10/21/24 17:00	1

Method: SW846 6010D - Metals (ICP) - Dissolved

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	ND		15	4.1	ug/L		10/18/24 14:00	10/21/24 17:04	1
Barium	**34**	**J B**	200	1.3	ug/L		10/18/24 14:00	10/21/24 17:04	1
Cadmium	ND		5.0	0.45	ug/L		10/18/24 14:00	10/21/24 17:04	1
Chromium	ND		10	0.76	ug/L		10/18/24 14:00	10/21/24 17:04	1
Copper	ND		25	3.5	ug/L		10/18/24 14:00	10/21/24 17:04	1
Lead	ND		10	2.8	ug/L		10/18/24 14:00	10/21/24 17:04	1
Selenium	ND		20	6.0	ug/L		10/18/24 14:00	10/21/24 17:04	1
Silver	ND		10	1.4	ug/L		10/18/24 14:00	10/21/24 17:04	1
Zinc	ND		50	23	ug/L		10/18/24 14:00	10/21/24 17:04	1

Method: SW846 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	ND		0.20	0.13	ug/L		10/18/24 14:00	10/21/24 14:39	1

Method: SW846 7470A - Mercury (CVAA) - Dissolved

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	ND		0.20	0.13	ug/L		10/18/24 14:00	10/21/24 14:40	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chromium, hexavalent (SW846 7196A)	ND		0.20	0.070	mg/L			10/17/24 11:40	10
Cyanide, Total (SW846 9012B)	**0.010**	**B**	0.010	0.0060	mg/L		10/24/24 09:27	10/24/24 18:38	1
Cyanide, Free (OI CORP OIA-1677)	ND		0.0060	0.0050	mg/L			10/28/24 14:14	1

General Chemistry - Dissolved

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chromium, hexavalent (SW846 7196A)	ND		0.020	0.0070	mg/L			10/17/24 11:40	1

Client: August Mack Environmental, Inc.
Project/Site: MSC Canfield

Job ID: 240-213229-1

Client Sample ID: SB-16-GW-14-24
Date Collected: 10/16/24 11:05
Date Received: 10/16/24 16:16

Lab Sample ID: 240-213229-13
Matrix: Water

Method: SW846 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		1.0	0.48	ug/L			10/26/24 01:01	1
1,1,2,2-Tetrachloroethane	ND		1.0	0.60	ug/L			10/26/24 01:01	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		1.0	0.41	ug/L			10/26/24 01:01	1
1,1,2-Trichloroethane	ND		1.0	0.48	ug/L			10/26/24 01:01	1
1,1-Dichloroethane	ND		1.0	0.47	ug/L			10/26/24 01:01	1
1,1-Dichloroethene	ND		1.0	0.49	ug/L			10/26/24 01:01	1
1,2,4-Trichlorobenzene	ND		1.0	0.77	ug/L			10/26/24 01:01	1
1,2-Dibromo-3-Chloropropane	ND		2.0	0.91	ug/L			10/26/24 01:01	1
Ethylene Dibromide	ND		1.0	0.41	ug/L			10/26/24 01:01	1
1,2-Dichlorobenzene	ND		1.0	0.48	ug/L			10/26/24 01:01	1
1,2-Dichloroethane	ND		1.0	0.46	ug/L			10/26/24 01:01	1
1,2-Dichloropropane	ND		1.0	0.47	ug/L			10/26/24 01:01	1
1,3-Dichlorobenzene	ND		1.0	0.45	ug/L			10/26/24 01:01	1
1,4-Dichlorobenzene	ND		1.0	0.41	ug/L			10/26/24 01:01	1
2-Butanone (MEK)	**7.2**	**J**	10	1.2	ug/L			10/26/24 01:01	1
2-Hexanone	ND		10	1.1	ug/L			10/26/24 01:01	1
4-Methyl-2-pentanone (MIBK)	ND		10	0.99	ug/L			10/26/24 01:01	1
Acetone	**11**	**B**	10	5.4	ug/L			10/26/24 01:01	1
Benzene	ND		1.0	0.42	ug/L			10/26/24 01:01	1
Dichlorobromomethane	ND		1.0	0.38	ug/L			10/26/24 01:01	1
Bromoform	ND		1.0	0.76	ug/L			10/26/24 01:01	1
Bromomethane	ND		1.0	0.42	ug/L			10/26/24 01:01	1
Carbon disulfide	ND		1.0	0.59	ug/L			10/26/24 01:01	1
Carbon tetrachloride	ND		1.0	0.26	ug/L			10/26/24 01:01	1
Chlorobenzene	ND		1.0	0.38	ug/L			10/26/24 01:01	1
Chloroethane	ND		1.0	0.83	ug/L			10/26/24 01:01	1
Chloroform	ND		1.0	0.47	ug/L			10/26/24 01:01	1
Chloromethane	ND		1.0	0.63	ug/L			10/26/24 01:01	1
cis-1,2-Dichloroethene	ND		1.0	0.46	ug/L			10/26/24 01:01	1
cis-1,3-Dichloropropene	ND		1.0	0.61	ug/L			10/26/24 01:01	1
Cyclohexane	ND		1.0	0.48	ug/L			10/26/24 01:01	1
Chlorodibromomethane	ND		1.0	0.39	ug/L			10/26/24 01:01	1
Dichlorodifluoromethane	ND		1.0	0.35	ug/L			10/26/24 01:01	1
Ethylbenzene	ND		1.0	0.42	ug/L			10/26/24 01:01	1
Isopropylbenzene	ND		1.0	0.49	ug/L			10/26/24 01:01	1
Methyl acetate	ND		10	1.7	ug/L			10/26/24 01:01	1
Methyl tert-butyl ether	ND		1.0	0.47	ug/L			10/26/24 01:01	1
Methylcyclohexane	ND		1.0	0.33	ug/L			10/26/24 01:01	1
Methylene Chloride	ND		5.0	2.6	ug/L			10/26/24 01:01	1
Styrene	ND		1.0	0.45	ug/L			10/26/24 01:01	1
Tetrachloroethene	ND		1.0	0.44	ug/L			10/26/24 01:01	1
Toluene	ND		1.0	0.44	ug/L			10/26/24 01:01	1
trans-1,2-Dichloroethene	ND		1.0	0.51	ug/L			10/26/24 01:01	1
trans-1,3-Dichloropropene	ND		1.0	0.67	ug/L			10/26/24 01:01	1
Trichloroethene	ND		1.0	0.44	ug/L			10/26/24 01:01	1
Trichlorofluoromethane	ND		1.0	0.45	ug/L			10/26/24 01:01	1
Vinyl chloride	ND		1.0	0.45	ug/L			10/26/24 01:01	1
Xylenes, Total	ND		2.0	0.42	ug/L			10/26/24 01:01	1

Client Sample ID: SB-16-GW-14-24
Date Collected: 10/16/24 11:05
Date Received: 10/16/24 16:16

Lab Sample ID: 240-213229-13
Matrix: Water

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
Toluene-d8 (Surr)	*96*		*78 - 122*		*10/26/24 01:01*	*1*
Dibromofluoromethane (Surr)	*87*		*73 - 120*		*10/26/24 01:01*	*1*
4-Bromofluorobenzene (Surr)	*94*		*56 - 136*		*10/26/24 01:01*	*1*
1,2-Dichloroethane-d4 (Surr)	*97*		*62 - 137*		*10/26/24 01:01*	*1*

Method: SW846 8270E - Semivolatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1'-Biphenyl	ND		1.0	0.49	ug/L		10/18/24 08:24	10/21/24 18:28	1
bis (2-chloroisopropyl) ether	ND		1.0	0.24	ug/L		10/18/24 08:24	10/21/24 18:28	1
2,4,5-Trichlorophenol	ND		5.0	2.0	ug/L		10/18/24 08:24	10/21/24 18:28	1
2,4,6-Trichlorophenol	ND		5.0	1.8	ug/L		10/18/24 08:24	10/21/24 18:28	1
2,4-Dichlorophenol	ND		2.0	0.26	ug/L		10/18/24 08:24	10/21/24 18:28	1
2,4-Dimethylphenol	ND		2.0	0.25	ug/L		10/18/24 08:24	10/21/24 18:28	1
2,4-Dinitrophenol	ND		10	2.6	ug/L		10/18/24 08:24	10/21/24 18:28	1
2,4-Dinitrotoluene	ND		5.0	2.1	ug/L		10/18/24 08:24	10/21/24 18:28	1
2,6-Dinitrotoluene	ND		5.0	1.1	ug/L		10/18/24 08:24	10/21/24 18:28	1
2-Chloronaphthalene	ND		1.0	0.23	ug/L		10/18/24 08:24	10/21/24 18:28	1
2-Chlorophenol	ND		1.0	0.27	ug/L		10/18/24 08:24	10/21/24 18:28	1
2-Methylnaphthalene	ND		0.20	0.11	ug/L		10/18/24 08:24	10/21/24 18:28	1
2-Methylphenol	ND		1.0	0.21	ug/L		10/18/24 08:24	10/21/24 18:28	1
2-Nitroaniline	ND		2.0	0.51	ug/L		10/18/24 08:24	10/21/24 18:28	1
2-Nitrophenol	ND		2.0	0.56	ug/L		10/18/24 08:24	10/21/24 18:28	1
3,3'-Dichlorobenzidine	ND		5.0	1.2	ug/L		10/18/24 08:24	10/21/24 18:28	1
3-Nitroaniline	ND		2.0	0.57	ug/L		10/18/24 08:24	10/21/24 18:28	1
4,6-Dinitro-2-methylphenol	ND		5.0	2.8	ug/L		10/18/24 08:24	10/21/24 18:28	1
4-Bromophenyl phenyl ether	ND		2.0	0.50	ug/L		10/18/24 08:24	10/21/24 18:28	1
4-Chloro-3-methylphenol	ND		2.0	0.30	ug/L		10/18/24 08:24	10/21/24 18:28	1
4-Chloroaniline	ND		2.0	0.32	ug/L		10/18/24 08:24	10/21/24 18:28	1
4-Chlorophenyl phenyl ether	ND		2.0	0.55	ug/L		10/18/24 08:24	10/21/24 18:28	1
4-Nitroaniline	ND		2.0	0.33	ug/L		10/18/24 08:24	10/21/24 18:28	1
4-Nitrophenol	ND		10	2.2	ug/L		10/18/24 08:24	10/21/24 18:28	1
Acenaphthene	ND		0.20	0.17	ug/L		10/18/24 08:24	10/21/24 18:28	1
Acenaphthylene	ND		0.20	0.13	ug/L		10/18/24 08:24	10/21/24 18:28	1
Acetophenone	ND		1.0	0.37	ug/L		10/18/24 08:24	10/21/24 18:28	1
Anthracene	ND		0.20	0.14	ug/L		10/18/24 08:24	10/21/24 18:28	1
Atrazine	ND		2.0	0.95	ug/L		10/18/24 08:24	10/21/24 18:28	1
Benzaldehyde	ND		2.0	0.76	ug/L		10/18/24 08:24	10/21/24 18:28	1
Benzo[a]anthracene	ND		0.20	0.068	ug/L		10/18/24 08:24	10/21/24 18:28	1
Benzo[a]pyrene	ND		0.20	0.17	ug/L		10/18/24 08:24	10/21/24 18:28	1
Benzo[b]fluoranthene	ND		0.20	0.15	ug/L		10/18/24 08:24	10/21/24 18:28	1
Benzo[g,h,i]perylene	ND		0.20	0.18	ug/L		10/18/24 08:24	10/21/24 18:28	1
Benzo[k]fluoranthene	ND		0.20	0.14	ug/L		10/18/24 08:24	10/21/24 18:28	1
Bis(2-chloroethoxy)methane	ND		1.0	0.22	ug/L		10/18/24 08:24	10/21/24 18:28	1
Bis(2-chloroethyl)ether	ND		1.0	0.40	ug/L		10/18/24 08:24	10/21/24 18:28	1
Bis(2-ethylhexyl) phthalate	ND		5.0	2.2	ug/L		10/18/24 08:24	10/21/24 18:28	1
Butyl benzyl phthalate	ND		2.0	0.67	ug/L		10/18/24 08:24	10/21/24 18:28	1
Caprolactam	ND		5.0	3.8	ug/L		10/18/24 08:24	10/21/24 18:28	1
Carbazole	ND		1.0	0.49	ug/L		10/18/24 08:24	10/21/24 18:28	1
Chrysene	ND		0.20	0.066	ug/L		10/18/24 08:24	10/21/24 18:28	1
Dibenz(a,h)anthracene	ND		0.20	0.15	ug/L		10/18/24 08:24	10/21/24 18:28	1

Client Sample ID: SB-16-GW-14-24
Date Collected: 10/16/24 11:05
Date Received: 10/16/24 16:16

Lab Sample ID: 240-213229-13
Matrix: Water

Method: SW846 8270E - Semivolatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Dibenzofuran	ND		1.0	0.27	ug/L		10/18/24 08:24	10/21/24 18:28	1
Diethyl phthalate	ND		5.0	0.41	ug/L		10/18/24 08:24	10/21/24 18:28	1
Dimethyl phthalate	ND		2.0	0.52	ug/L		10/18/24 08:24	10/21/24 18:28	1
Di-n-butyl phthalate	ND		5.0	1.8	ug/L		10/18/24 08:24	10/21/24 18:28	1
Di-n-octyl phthalate	ND		2.0	0.82	ug/L		10/18/24 08:24	10/21/24 18:28	1
Fluoranthene	ND		0.20	0.16	ug/L		10/18/24 08:24	10/21/24 18:28	1
Fluorene	ND		0.20	0.079	ug/L		10/18/24 08:24	10/21/24 18:28	1
Hexachlorobenzene	ND		0.20	0.16	ug/L		10/18/24 08:24	10/21/24 18:28	1
Hexachlorobutadiene	ND		1.0	0.54	ug/L		10/18/24 08:24	10/21/24 18:28	1
Hexachlorocyclopentadiene	ND		10	1.8	ug/L		10/18/24 08:24	10/21/24 18:28	1
Hexachloroethane	ND		1.0	0.40	ug/L		10/18/24 08:24	10/21/24 18:28	1
Indeno[1,2,3-cd]pyrene	ND		0.20	0.14	ug/L		10/18/24 08:24	10/21/24 18:28	1
Isophorone	ND		1.0	0.32	ug/L		10/18/24 08:24	10/21/24 18:28	1
N-Nitrosodi-n-propylamine	ND		1.0	0.25	ug/L		10/18/24 08:24	10/21/24 18:28	1
N-Nitrosodiphenylamine	ND		1.0	0.44	ug/L		10/18/24 08:24	10/21/24 18:28	1
Naphthalene	ND		0.20	0.11	ug/L		10/18/24 08:24	10/21/24 18:28	1
Nitrobenzene	ND		1.0	0.51	ug/L		10/18/24 08:24	10/21/24 18:28	1
Pentachlorophenol	ND		10	3.1	ug/L		10/18/24 08:24	10/21/24 18:28	1
Phenanthrene	ND		0.20	0.080	ug/L		10/18/24 08:24	10/21/24 18:28	1
Phenol	ND		1.0	0.40	ug/L		10/18/24 08:24	10/21/24 18:28	1
Pyrene	ND		0.20	0.083	ug/L		10/18/24 08:24	10/21/24 18:28	1
3 & 4 Methylphenol	ND		2.0	0.19	ug/L		10/18/24 08:24	10/21/24 18:28	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Terphenyl-d14 (Surr)	*77*		*43 - 136*	*10/18/24 08:24*	*10/21/24 18:28*	*1*
Phenol-d5 (Surr)	*60*		*10 - 120*	*10/18/24 08:24*	*10/21/24 18:28*	*1*
Nitrobenzene-d5 (Surr)	*67*		*40 - 120*	*10/18/24 08:24*	*10/21/24 18:28*	*1*
2-Fluorophenol (Surr)	*79*		*10 - 127*	*10/18/24 08:24*	*10/21/24 18:28*	*1*
2-Fluorobiphenyl (Surr)	*90*		*41 - 120*	*10/18/24 08:24*	*10/21/24 18:28*	*1*
2,4,6-Tribromophenol (Surr)	*102*		*23 - 127*	*10/18/24 08:24*	*10/21/24 18:28*	*1*

Method: SW846 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aroclor-1016	ND		0.099	0.055	ug/L		10/18/24 08:21	10/22/24 12:00	1
Aroclor-1221	ND		0.099	0.056	ug/L		10/18/24 08:21	10/22/24 12:00	1
Aroclor-1232	ND		0.099	0.073	ug/L		10/18/24 08:21	10/22/24 12:00	1
Aroclor-1242	ND		0.099	0.075	ug/L		10/18/24 08:21	10/22/24 12:00	1
Aroclor-1248	ND		0.099	0.050	ug/L		10/18/24 08:21	10/22/24 12:00	1
Aroclor-1254	ND		0.099	0.040	ug/L		10/18/24 08:21	10/22/24 12:00	1
Aroclor-1260	ND		0.099	0.046	ug/L		10/18/24 08:21	10/22/24 12:00	1
Aroclor-1262	ND		0.099	0.057	ug/L		10/18/24 08:21	10/22/24 12:00	1
Aroclor-1268	ND		0.099	0.061	ug/L		10/18/24 08:21	10/22/24 12:00	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Tetrachloro-m-xylene	*51*		*10 - 149*	*10/18/24 08:21*	*10/22/24 12:00*	*1*
DCB Decachlorobiphenyl	*38*		*10 - 174*	*10/18/24 08:21*	*10/22/24 12:00*	*1*

Method: SW846 6010D - Metals (ICP) - Total Recoverable

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	**180**		15	4.1	ug/L		10/18/24 14:00	10/21/24 17:08	1

Client: August Mack Environmental, Inc.
Project/Site: MSC Canfield

Job ID: 240-213229-1

Client Sample ID: SB-16-GW-14-24
Date Collected: 10/16/24 11:05
Date Received: 10/16/24 16:16

Lab Sample ID: 240-213229-13
Matrix: Water

Method: SW846 6010D - Metals (ICP) - Total Recoverable (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Barium	**440**	**B**	200	1.3	ug/L		10/18/24 14:00	10/21/24 17:08	1
Cadmium	**1.5**	**J**	5.0	0.45	ug/L		10/18/24 14:00	10/21/24 17:08	1
Chromium	**110**		10	0.76	ug/L		10/18/24 14:00	10/21/24 17:08	1
Copper	**160**		25	3.5	ug/L		10/18/24 14:00	10/21/24 17:08	1
Lead	**83**		10	2.8	ug/L		10/18/24 14:00	10/21/24 17:08	1
Selenium	ND		20	6.0	ug/L		10/18/24 14:00	10/21/24 17:08	1
Silver	ND		10	1.4	ug/L		10/18/24 14:00	10/21/24 17:08	1
Zinc	**480**		50	23	ug/L		10/18/24 14:00	10/21/24 17:08	1

Method: SW846 6010D - Metals (ICP) - Dissolved

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	ND		15	4.1	ug/L		10/18/24 14:00	10/21/24 17:21	1
Barium	**54**	**J B**	200	1.3	ug/L		10/18/24 14:00	10/21/24 17:21	1
Cadmium	ND		5.0	0.45	ug/L		10/18/24 14:00	10/21/24 17:21	1
Chromium	ND		10	0.76	ug/L		10/18/24 14:00	10/21/24 17:21	1
Copper	ND		25	3.5	ug/L		10/18/24 14:00	10/21/24 17:21	1
Lead	ND		10	2.8	ug/L		10/18/24 14:00	10/21/24 17:21	1
Selenium	ND		20	6.0	ug/L		10/18/24 14:00	10/21/24 17:21	1
Silver	ND		10	1.4	ug/L		10/18/24 14:00	10/21/24 17:21	1
Zinc	ND		50	23	ug/L		10/18/24 14:00	10/21/24 17:21	1

Method: SW846 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	ND		0.20	0.13	ug/L		10/18/24 14:00	10/21/24 14:42	1

Method: SW846 7470A - Mercury (CVAA) - Dissolved

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	ND		0.20	0.13	ug/L		10/18/24 14:00	10/21/24 14:44	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chromium, hexavalent (SW846 7196A)	**0.24**	**H**	0.20	0.070	mg/L			10/17/24 11:56	10
Cyanide, Total (SW846 9012B)	**0.023**	**B**	0.010	0.0060	mg/L		10/24/24 09:30	10/24/24 18:39	1
Cyanide, Free (OI CORP OIA-1677)	ND		0.0060	0.0050	mg/L			10/28/24 14:22	1

General Chemistry - Dissolved

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chromium, hexavalent (SW846 7196A)	ND	H	0.20	0.070	mg/L			10/17/24 11:56	10

Client: August Mack Environmental, Inc.
Project/Site: MSC Canfield

Job ID: 240-213229-1

Client Sample ID: SB-17-GW-18-28
Date Collected: 10/16/24 10:30
Date Received: 10/16/24 16:16

Lab Sample ID: 240-213229-14
Matrix: Water

Method: SW846 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		1.0	0.48	ug/L			10/26/24 01:23	1
1,1,2,2-Tetrachloroethane	ND		1.0	0.60	ug/L			10/26/24 01:23	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		1.0	0.41	ug/L			10/26/24 01:23	1
1,1,2-Trichloroethane	ND		1.0	0.48	ug/L			10/26/24 01:23	1
1,1-Dichloroethane	ND		1.0	0.47	ug/L			10/26/24 01:23	1
1,1-Dichloroethene	ND		1.0	0.49	ug/L			10/26/24 01:23	1
1,2,4-Trichlorobenzene	ND		1.0	0.77	ug/L			10/26/24 01:23	1
1,2-Dibromo-3-Chloropropane	ND		2.0	0.91	ug/L			10/26/24 01:23	1
Ethylene Dibromide	ND		1.0	0.41	ug/L			10/26/24 01:23	1
1,2-Dichlorobenzene	ND		1.0	0.48	ug/L			10/26/24 01:23	1
1,2-Dichloroethane	ND		1.0	0.46	ug/L			10/26/24 01:23	1
1,2-Dichloropropane	ND		1.0	0.47	ug/L			10/26/24 01:23	1
1,3-Dichlorobenzene	ND		1.0	0.45	ug/L			10/26/24 01:23	1
1,4-Dichlorobenzene	ND		1.0	0.41	ug/L			10/26/24 01:23	1
2-Butanone (MEK)	ND		10	1.2	ug/L			10/26/24 01:23	1
2-Hexanone	ND		10	1.1	ug/L			10/26/24 01:23	1
4-Methyl-2-pentanone (MIBK)	ND		10	0.99	ug/L			10/26/24 01:23	1
Acetone	ND		10	5.4	ug/L			10/26/24 01:23	1
Benzene	ND		1.0	0.42	ug/L			10/26/24 01:23	1
Dichlorobromomethane	ND		1.0	0.38	ug/L			10/26/24 01:23	1
Bromoform	ND		1.0	0.76	ug/L			10/26/24 01:23	1
Bromomethane	ND		1.0	0.42	ug/L			10/26/24 01:23	1
Carbon disulfide	ND		1.0	0.59	ug/L			10/26/24 01:23	1
Carbon tetrachloride	ND		1.0	0.26	ug/L			10/26/24 01:23	1
Chlorobenzene	ND		1.0	0.38	ug/L			10/26/24 01:23	1
Chloroethane	ND		1.0	0.83	ug/L			10/26/24 01:23	1
Chloroform	ND		1.0	0.47	ug/L			10/26/24 01:23	1
Chloromethane	ND		1.0	0.63	ug/L			10/26/24 01:23	1
cis-1,2-Dichloroethene	ND		1.0	0.46	ug/L			10/26/24 01:23	1
cis-1,3-Dichloropropene	ND		1.0	0.61	ug/L			10/26/24 01:23	1
Cyclohexane	ND		1.0	0.48	ug/L			10/26/24 01:23	1
Chlorodibromomethane	ND		1.0	0.39	ug/L			10/26/24 01:23	1
Dichlorodifluoromethane	ND		1.0	0.35	ug/L			10/26/24 01:23	1
Ethylbenzene	ND		1.0	0.42	ug/L			10/26/24 01:23	1
Isopropylbenzene	ND		1.0	0.49	ug/L			10/26/24 01:23	1
Methyl acetate	ND		10	1.7	ug/L			10/26/24 01:23	1
Methyl tert-butyl ether	ND		1.0	0.47	ug/L			10/26/24 01:23	1
Methylcyclohexane	ND		1.0	0.33	ug/L			10/26/24 01:23	1
Methylene Chloride	ND		5.0	2.6	ug/L			10/26/24 01:23	1
Styrene	ND		1.0	0.45	ug/L			10/26/24 01:23	1
Tetrachloroethene	ND		1.0	0.44	ug/L			10/26/24 01:23	1
Toluene	ND		1.0	0.44	ug/L			10/26/24 01:23	1
trans-1,2-Dichloroethene	ND		1.0	0.51	ug/L			10/26/24 01:23	1
trans-1,3-Dichloropropene	ND		1.0	0.67	ug/L			10/26/24 01:23	1
Trichloroethene	ND		1.0	0.44	ug/L			10/26/24 01:23	1
Trichlorofluoromethane	ND		1.0	0.45	ug/L			10/26/24 01:23	1
Vinyl chloride	ND		1.0	0.45	ug/L			10/26/24 01:23	1
Xylenes, Total	ND		2.0	0.42	ug/L			10/26/24 01:23	1

Client: August Mack Environmental, Inc.
Project/Site: MSC Canfield

Job ID: 240-213229-1

Client Sample ID: SB-17-GW-18-28
Date Collected: 10/16/24 10:30
Date Received: 10/16/24 16:16

Lab Sample ID: 240-213229-14
Matrix: Water

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
Toluene-d8 (Surr)	*99*		*78 - 122*		*10/26/24 01:23*	*1*
Dibromofluoromethane (Surr)	*92*		*73 - 120*		*10/26/24 01:23*	*1*
4-Bromofluorobenzene (Surr)	*101*		*56 - 136*		*10/26/24 01:23*	*1*
1,2-Dichloroethane-d4 (Surr)	*101*		*62 - 137*		*10/26/24 01:23*	*1*

Method: SW846 8270E - Semivolatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1'-Biphenyl	ND		0.96	0.47	ug/L		10/18/24 08:24	10/21/24 18:51	1
bis (2-chloroisopropyl) ether	ND		0.96	0.23	ug/L		10/18/24 08:24	10/21/24 18:51	1
2,4,5-Trichlorophenol	ND		4.8	1.9	ug/L		10/18/24 08:24	10/21/24 18:51	1
2,4,6-Trichlorophenol	ND		4.8	1.7	ug/L		10/18/24 08:24	10/21/24 18:51	1
2,4-Dichlorophenol	ND		1.9	0.25	ug/L		10/18/24 08:24	10/21/24 18:51	1
2,4-Dimethylphenol	ND		1.9	0.24	ug/L		10/18/24 08:24	10/21/24 18:51	1
2,4-Dinitrophenol	ND		9.6	2.5	ug/L		10/18/24 08:24	10/21/24 18:51	1
2,4-Dinitrotoluene	ND		4.8	2.0	ug/L		10/18/24 08:24	10/21/24 18:51	1
2,6-Dinitrotoluene	ND		4.8	1.0	ug/L		10/18/24 08:24	10/21/24 18:51	1
2-Chloronaphthalene	ND		0.96	0.22	ug/L		10/18/24 08:24	10/21/24 18:51	1
2-Chlorophenol	ND		0.96	0.26	ug/L		10/18/24 08:24	10/21/24 18:51	1
2-Methylnaphthalene	ND		0.19	0.11	ug/L		10/18/24 08:24	10/21/24 18:51	1
2-Methylphenol	ND		0.96	0.20	ug/L		10/18/24 08:24	10/21/24 18:51	1
2-Nitroaniline	ND		1.9	0.49	ug/L		10/18/24 08:24	10/21/24 18:51	1
2-Nitrophenol	ND		1.9	0.54	ug/L		10/18/24 08:24	10/21/24 18:51	1
3,3'-Dichlorobenzidine	ND		4.8	1.1	ug/L		10/18/24 08:24	10/21/24 18:51	1
3-Nitroaniline	ND		1.9	0.54	ug/L		10/18/24 08:24	10/21/24 18:51	1
4,6-Dinitro-2-methylphenol	ND		4.8	2.7	ug/L		10/18/24 08:24	10/21/24 18:51	1
4-Bromophenyl phenyl ether	ND		1.9	0.48	ug/L		10/18/24 08:24	10/21/24 18:51	1
4-Chloro-3-methylphenol	ND		1.9	0.28	ug/L		10/18/24 08:24	10/21/24 18:51	1
4-Chloroaniline	ND		1.9	0.30	ug/L		10/18/24 08:24	10/21/24 18:51	1
4-Chlorophenyl phenyl ether	ND		1.9	0.53	ug/L		10/18/24 08:24	10/21/24 18:51	1
4-Nitroaniline	ND		1.9	0.31	ug/L		10/18/24 08:24	10/21/24 18:51	1
4-Nitrophenol	ND		9.6	2.1	ug/L		10/18/24 08:24	10/21/24 18:51	1
Acenaphthene	ND		0.19	0.17	ug/L		10/18/24 08:24	10/21/24 18:51	1
Acenaphthylene	ND		0.19	0.12	ug/L		10/18/24 08:24	10/21/24 18:51	1
Acetophenone	ND		0.96	0.35	ug/L		10/18/24 08:24	10/21/24 18:51	1
Anthracene	ND		0.19	0.13	ug/L		10/18/24 08:24	10/21/24 18:51	1
Atrazine	ND		1.9	0.92	ug/L		10/18/24 08:24	10/21/24 18:51	1
Benzaldehyde	ND		1.9	0.73	ug/L		10/18/24 08:24	10/21/24 18:51	1
Benzo[a]anthracene	ND		0.19	0.065	ug/L		10/18/24 08:24	10/21/24 18:51	1
Benzo[a]pyrene	ND		0.19	0.17	ug/L		10/18/24 08:24	10/21/24 18:51	1
Benzo[b]fluoranthene	ND		0.19	0.15	ug/L		10/18/24 08:24	10/21/24 18:51	1
Benzo[g,h,i]perylene	ND		0.19	0.17	ug/L		10/18/24 08:24	10/21/24 18:51	1
Benzo[k]fluoranthene	ND		0.19	0.13	ug/L		10/18/24 08:24	10/21/24 18:51	1
Bis(2-chloroethoxy)methane	ND		0.96	0.21	ug/L		10/18/24 08:24	10/21/24 18:51	1
Bis(2-chloroethyl)ether	ND		0.96	0.39	ug/L		10/18/24 08:24	10/21/24 18:51	1
Bis(2-ethylhexyl) phthalate	**2.4**	**J**	4.8	2.1	ug/L		10/18/24 08:24	10/21/24 18:51	1
Butyl benzyl phthalate	ND		1.9	0.64	ug/L		10/18/24 08:24	10/21/24 18:51	1
Caprolactam	ND		4.8	3.7	ug/L		10/18/24 08:24	10/21/24 18:51	1
Carbazole	ND		0.96	0.47	ug/L		10/18/24 08:24	10/21/24 18:51	1
Chrysene	ND		0.19	0.063	ug/L		10/18/24 08:24	10/21/24 18:51	1
Dibenz(a,h)anthracene	ND		0.19	0.15	ug/L		10/18/24 08:24	10/21/24 18:51	1

Client Sample ID: SB-17-GW-18-28
Date Collected: 10/16/24 10:30
Date Received: 10/16/24 16:16

Lab Sample ID: 240-213229-14
Matrix: Water

Method: SW846 8270E - Semivolatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Dibenzofuran	ND		0.96	0.26	ug/L		10/18/24 08:24	10/21/24 18:51	1
Diethyl phthalate	ND		4.8	0.39	ug/L		10/18/24 08:24	10/21/24 18:51	1
Dimethyl phthalate	ND		1.9	0.50	ug/L		10/18/24 08:24	10/21/24 18:51	1
Di-n-butyl phthalate	ND		4.8	1.7	ug/L		10/18/24 08:24	10/21/24 18:51	1
Di-n-octyl phthalate	ND		1.9	0.79	ug/L		10/18/24 08:24	10/21/24 18:51	1
Fluoranthene	ND		0.19	0.15	ug/L		10/18/24 08:24	10/21/24 18:51	1
Fluorene	ND		0.19	0.076	ug/L		10/18/24 08:24	10/21/24 18:51	1
Hexachlorobenzene	ND		0.19	0.15	ug/L		10/18/24 08:24	10/21/24 18:51	1
Hexachlorobutadiene	ND		0.96	0.52	ug/L		10/18/24 08:24	10/21/24 18:51	1
Hexachlorocyclopentadiene	ND		9.6	1.7	ug/L		10/18/24 08:24	10/21/24 18:51	1
Hexachloroethane	ND		0.96	0.38	ug/L		10/18/24 08:24	10/21/24 18:51	1
Indeno[1,2,3-cd]pyrene	ND		0.19	0.13	ug/L		10/18/24 08:24	10/21/24 18:51	1
Isophorone	ND		0.96	0.31	ug/L		10/18/24 08:24	10/21/24 18:51	1
N-Nitrosodi-n-propylamine	ND		0.96	0.24	ug/L		10/18/24 08:24	10/21/24 18:51	1
N-Nitrosodiphenylamine	ND		0.96	0.42	ug/L		10/18/24 08:24	10/21/24 18:51	1
Naphthalene	ND		0.19	0.10	ug/L		10/18/24 08:24	10/21/24 18:51	1
Nitrobenzene	ND		0.96	0.49	ug/L		10/18/24 08:24	10/21/24 18:51	1
Pentachlorophenol	ND		9.6	3.0	ug/L		10/18/24 08:24	10/21/24 18:51	1
Phenanthrene	ND		0.19	0.077	ug/L		10/18/24 08:24	10/21/24 18:51	1
Phenol	ND		0.96	0.39	ug/L		10/18/24 08:24	10/21/24 18:51	1
Pyrene	ND		0.19	0.080	ug/L		10/18/24 08:24	10/21/24 18:51	1
3 & 4 Methylphenol	ND		1.9	0.18	ug/L		10/18/24 08:24	10/21/24 18:51	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Terphenyl-d14 (Surr)	*78*		*43 - 136*	*10/18/24 08:24*	*10/21/24 18:51*	*1*
Phenol-d5 (Surr)	*59*		*10 - 120*	*10/18/24 08:24*	*10/21/24 18:51*	*1*
Nitrobenzene-d5 (Surr)	*65*		*40 - 120*	*10/18/24 08:24*	*10/21/24 18:51*	*1*
2-Fluorophenol (Surr)	*70*		*10 - 127*	*10/18/24 08:24*	*10/21/24 18:51*	*1*
2-Fluorobiphenyl (Surr)	*87*		*41 - 120*	*10/18/24 08:24*	*10/21/24 18:51*	*1*
2,4,6-Tribromophenol (Surr)	*87*		*23 - 127*	*10/18/24 08:24*	*10/21/24 18:51*	*1*

Method: SW846 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aroclor-1016	ND		0.096	0.054	ug/L		10/18/24 08:21	10/22/24 12:14	1
Aroclor-1221	ND		0.096	0.055	ug/L		10/18/24 08:21	10/22/24 12:14	1
Aroclor-1232	ND		0.096	0.071	ug/L		10/18/24 08:21	10/22/24 12:14	1
Aroclor-1242	ND		0.096	0.073	ug/L		10/18/24 08:21	10/22/24 12:14	1
Aroclor-1248	ND		0.096	0.048	ug/L		10/18/24 08:21	10/22/24 12:14	1
Aroclor-1254	ND		0.096	0.038	ug/L		10/18/24 08:21	10/22/24 12:14	1
Aroclor-1260	ND		0.096	0.044	ug/L		10/18/24 08:21	10/22/24 12:14	1
Aroclor-1262	ND		0.096	0.056	ug/L		10/18/24 08:21	10/22/24 12:14	1
Aroclor-1268	ND		0.096	0.060	ug/L		10/18/24 08:21	10/22/24 12:14	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Tetrachloro-m-xylene	*59*		*10 - 149*	*10/18/24 08:21*	*10/22/24 12:14*	*1*
DCB Decachlorobiphenyl	*49*		*10 - 174*	*10/18/24 08:21*	*10/22/24 12:14*	*1*

Method: SW846 6010D - Metals (ICP) - Total Recoverable

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	**22**		15	4.1	ug/L		10/18/24 14:00	10/21/24 17:25	1

Client: August Mack Environmental, Inc.
Project/Site: MSC Canfield

Job ID: 240-213229-1

Client Sample ID: SB-17-GW-18-28

Date Collected: 10/16/24 10:30
Date Received: 10/16/24 16:16

Lab Sample ID: 240-213229-14

Matrix: Water

Method: SW846 6010D - Metals (ICP) - Total Recoverable (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Barium	**60**	**J B**	200	1.3	ug/L		10/18/24 14:00	10/21/24 17:25	1
Cadmium	ND		5.0	0.45	ug/L		10/18/24 14:00	10/21/24 17:25	1
Chromium	**6.8**	**J**	10	0.76	ug/L		10/18/24 14:00	10/21/24 17:25	1
Copper	**10**	**J**	25	3.5	ug/L		10/18/24 14:00	10/21/24 17:25	1
Lead	**4.3**	**J**	10	2.8	ug/L		10/18/24 14:00	10/21/24 17:25	1
Selenium	ND		20	6.0	ug/L		10/18/24 14:00	10/21/24 17:25	1
Silver	ND		10	1.4	ug/L		10/18/24 14:00	10/21/24 17:25	1
Zinc	**26**	**J**	50	23	ug/L		10/18/24 14:00	10/21/24 17:25	1

Method: SW846 6010D - Metals (ICP) - Dissolved

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	**8.4**	**J**	15	4.1	ug/L		10/18/24 14:00	10/21/24 17:29	1
Barium	**45**	**J B**	200	1.3	ug/L		10/18/24 14:00	10/21/24 17:29	1
Cadmium	ND		5.0	0.45	ug/L		10/18/24 14:00	10/21/24 17:29	1
Chromium	ND		10	0.76	ug/L		10/18/24 14:00	10/21/24 17:29	1
Copper	ND		25	3.5	ug/L		10/18/24 14:00	10/21/24 17:29	1
Lead	ND		10	2.8	ug/L		10/18/24 14:00	10/21/24 17:29	1
Selenium	ND		20	6.0	ug/L		10/18/24 14:00	10/21/24 17:29	1
Silver	ND		10	1.4	ug/L		10/18/24 14:00	10/21/24 17:29	1
Zinc	ND		50	23	ug/L		10/18/24 14:00	10/21/24 17:29	1

Method: SW846 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	ND		0.20	0.13	ug/L		10/18/24 14:00	10/21/24 14:45	1

Method: SW846 7470A - Mercury (CVAA) - Dissolved

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	ND		0.20	0.13	ug/L		10/18/24 14:00	10/21/24 14:47	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chromium, hexavalent (SW846 7196A)	ND	H	0.020	0.0070	mg/L			10/17/24 11:59	1
Cyanide, Total (SW846 9012B)	**0.010**	**B**	0.010	0.0060	mg/L		10/24/24 09:30	10/24/24 18:41	1
Cyanide, Free (OI CORP OIA-1677)	ND		0.0060	0.0050	mg/L			10/28/24 14:29	1

General Chemistry - Dissolved

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chromium, hexavalent (SW846 7196A)	ND	H	0.020	0.0070	mg/L			10/17/24 11:57	1

Client: August Mack Environmental, Inc.
Project/Site: MSC Canfield

Job ID: 240-213229-1

Client Sample ID: SB-10-GW-18-28
Date Collected: 10/16/24 13:15
Date Received: 10/16/24 16:16

Lab Sample ID: 240-213229-15
Matrix: Water

Method: SW846 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		1.0	0.48	ug/L			10/26/24 11:54	1
1,1,2,2-Tetrachloroethane	ND		1.0	0.60	ug/L			10/26/24 11:54	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		1.0	0.41	ug/L			10/26/24 11:54	1
1,1,2-Trichloroethane	ND		1.0	0.48	ug/L			10/26/24 11:54	1
1,1-Dichloroethane	ND		1.0	0.47	ug/L			10/26/24 11:54	1
1,1-Dichloroethene	ND		1.0	0.49	ug/L			10/26/24 11:54	1
1,2,4-Trichlorobenzene	ND		1.0	0.77	ug/L			10/26/24 11:54	1
1,2-Dibromo-3-Chloropropane	ND		2.0	0.91	ug/L			10/26/24 11:54	1
Ethylene Dibromide	ND		1.0	0.41	ug/L			10/26/24 11:54	1
1,2-Dichlorobenzene	ND		1.0	0.48	ug/L			10/26/24 11:54	1
1,2-Dichloroethane	ND		1.0	0.46	ug/L			10/26/24 11:54	1
1,2-Dichloropropane	ND		1.0	0.47	ug/L			10/26/24 11:54	1
1,3-Dichlorobenzene	ND		1.0	0.45	ug/L			10/26/24 11:54	1
1,4-Dichlorobenzene	ND		1.0	0.41	ug/L			10/26/24 11:54	1
2-Butanone (MEK)	**3.5**	**J**	10	1.2	ug/L			10/26/24 11:54	1
2-Hexanone	ND		10	1.1	ug/L			10/26/24 11:54	1
4-Methyl-2-pentanone (MIBK)	ND		10	0.99	ug/L			10/26/24 11:54	1
Acetone	**7.3**	**J**	10	5.4	ug/L			10/26/24 11:54	1
Benzene	ND		1.0	0.42	ug/L			10/26/24 11:54	1
Dichlorobromomethane	ND		1.0	0.38	ug/L			10/26/24 11:54	1
Bromoform	ND		1.0	0.76	ug/L			10/26/24 11:54	1
Bromomethane	ND		1.0	0.42	ug/L			10/26/24 11:54	1
Carbon disulfide	ND		1.0	0.59	ug/L			10/26/24 11:54	1
Carbon tetrachloride	ND		1.0	0.26	ug/L			10/26/24 11:54	1
Chlorobenzene	ND		1.0	0.38	ug/L			10/26/24 11:54	1
Chloroethane	ND		1.0	0.83	ug/L			10/26/24 11:54	1
Chloroform	ND		1.0	0.47	ug/L			10/26/24 11:54	1
Chloromethane	ND		1.0	0.63	ug/L			10/26/24 11:54	1
cis-1,2-Dichloroethene	ND		1.0	0.46	ug/L			10/26/24 11:54	1
cis-1,3-Dichloropropene	ND		1.0	0.61	ug/L			10/26/24 11:54	1
Cyclohexane	ND		1.0	0.48	ug/L			10/26/24 11:54	1
Chlorodibromomethane	ND		1.0	0.39	ug/L			10/26/24 11:54	1
Dichlorodifluoromethane	ND		1.0	0.35	ug/L			10/26/24 11:54	1
Ethylbenzene	ND		1.0	0.42	ug/L			10/26/24 11:54	1
Isopropylbenzene	ND		1.0	0.49	ug/L			10/26/24 11:54	1
Methyl acetate	ND		10	1.7	ug/L			10/26/24 11:54	1
Methyl tert-butyl ether	ND		1.0	0.47	ug/L			10/26/24 11:54	1
Methylcyclohexane	ND		1.0	0.33	ug/L			10/26/24 11:54	1
Methylene Chloride	ND		5.0	2.6	ug/L			10/26/24 11:54	1
Styrene	ND		1.0	0.45	ug/L			10/26/24 11:54	1
Tetrachloroethene	ND		1.0	0.44	ug/L			10/26/24 11:54	1
Toluene	ND		1.0	0.44	ug/L			10/26/24 11:54	1
trans-1,2-Dichloroethene	ND		1.0	0.51	ug/L			10/26/24 11:54	1
trans-1,3-Dichloropropene	ND		1.0	0.67	ug/L			10/26/24 11:54	1
Trichloroethene	ND		1.0	0.44	ug/L			10/26/24 11:54	1
Trichlorofluoromethane	ND		1.0	0.45	ug/L			10/26/24 11:54	1
Vinyl chloride	ND		1.0	0.45	ug/L			10/26/24 11:54	1
Xylenes, Total	ND		2.0	0.42	ug/L			10/26/24 11:54	1

Client Sample ID: SB-10-GW-18-28
Date Collected: 10/16/24 13:15
Date Received: 10/16/24 16:16

Lab Sample ID: 240-213229-15
Matrix: Water

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
Toluene-d8 (Surr)	*88*		*78 - 122*		*10/26/24 11:54*	*1*
Dibromofluoromethane (Surr)	*95*		*73 - 120*		*10/26/24 11:54*	*1*
4-Bromofluorobenzene (Surr)	*85*		*56 - 136*		*10/26/24 11:54*	*1*
1,2-Dichloroethane-d4 (Surr)	*117*		*62 - 137*		*10/26/24 11:54*	*1*

Method: SW846 8270E - Semivolatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1'-Biphenyl	ND		1.0	0.51	ug/L		10/18/24 08:24	10/21/24 19:13	1
bis (2-chloroisopropyl) ether	ND		1.0	0.24	ug/L		10/18/24 08:24	10/21/24 19:13	1
2,4,5-Trichlorophenol	ND		5.2	2.1	ug/L		10/18/24 08:24	10/21/24 19:13	1
2,4,6-Trichlorophenol	ND		5.2	1.9	ug/L		10/18/24 08:24	10/21/24 19:13	1
2,4-Dichlorophenol	ND		2.1	0.27	ug/L		10/18/24 08:24	10/21/24 19:13	1
2,4-Dimethylphenol	ND		2.1	0.26	ug/L		10/18/24 08:24	10/21/24 19:13	1
2,4-Dinitrophenol	ND		10	2.7	ug/L		10/18/24 08:24	10/21/24 19:13	1
2,4-Dinitrotoluene	ND		5.2	2.2	ug/L		10/18/24 08:24	10/21/24 19:13	1
2,6-Dinitrotoluene	ND		5.2	1.1	ug/L		10/18/24 08:24	10/21/24 19:13	1
2-Chloronaphthalene	ND		1.0	0.24	ug/L		10/18/24 08:24	10/21/24 19:13	1
2-Chlorophenol	ND		1.0	0.28	ug/L		10/18/24 08:24	10/21/24 19:13	1
2-Methylnaphthalene	ND		0.21	0.12	ug/L		10/18/24 08:24	10/21/24 19:13	1
2-Methylphenol	ND		1.0	0.22	ug/L		10/18/24 08:24	10/21/24 19:13	1
2-Nitroaniline	ND		2.1	0.53	ug/L		10/18/24 08:24	10/21/24 19:13	1
2-Nitrophenol	ND		2.1	0.59	ug/L		10/18/24 08:24	10/21/24 19:13	1
3,3'-Dichlorobenzidine	ND		5.2	1.2	ug/L		10/18/24 08:24	10/21/24 19:13	1
3-Nitroaniline	ND		2.1	0.59	ug/L		10/18/24 08:24	10/21/24 19:13	1
4,6-Dinitro-2-methylphenol	ND		5.2	2.9	ug/L		10/18/24 08:24	10/21/24 19:13	1
4-Bromophenyl phenyl ether	ND		2.1	0.52	ug/L		10/18/24 08:24	10/21/24 19:13	1
4-Chloro-3-methylphenol	ND		2.1	0.31	ug/L		10/18/24 08:24	10/21/24 19:13	1
4-Chloroaniline	ND		2.1	0.33	ug/L		10/18/24 08:24	10/21/24 19:13	1
4-Chlorophenyl phenyl ether	ND		2.1	0.57	ug/L		10/18/24 08:24	10/21/24 19:13	1
4-Nitroaniline	ND		2.1	0.34	ug/L		10/18/24 08:24	10/21/24 19:13	1
4-Nitrophenol	ND		10	2.3	ug/L		10/18/24 08:24	10/21/24 19:13	1
Acenaphthene	ND		0.21	0.18	ug/L		10/18/24 08:24	10/21/24 19:13	1
Acenaphthylene	ND		0.21	0.13	ug/L		10/18/24 08:24	10/21/24 19:13	1
Acetophenone	**0.63**	**J**	1.0	0.38	ug/L		10/18/24 08:24	10/21/24 19:13	1
Anthracene	ND		0.21	0.14	ug/L		10/18/24 08:24	10/21/24 19:13	1
Atrazine	ND		2.1	0.99	ug/L		10/18/24 08:24	10/21/24 19:13	1
Benzaldehyde	ND		2.1	0.79	ug/L		10/18/24 08:24	10/21/24 19:13	1
Benzo[a]anthracene	ND		0.21	0.071	ug/L		10/18/24 08:24	10/21/24 19:13	1
Benzo[a]pyrene	ND		0.21	0.18	ug/L		10/18/24 08:24	10/21/24 19:13	1
Benzo[b]fluoranthene	ND		0.21	0.16	ug/L		10/18/24 08:24	10/21/24 19:13	1
Benzo[g,h,i]perylene	ND		0.21	0.19	ug/L		10/18/24 08:24	10/21/24 19:13	1
Benzo[k]fluoranthene	ND		0.21	0.15	ug/L		10/18/24 08:24	10/21/24 19:13	1
Bis(2-chloroethoxy)methane	ND		1.0	0.23	ug/L		10/18/24 08:24	10/21/24 19:13	1
Bis(2-chloroethyl)ether	ND		1.0	0.42	ug/L		10/18/24 08:24	10/21/24 19:13	1
Bis(2-ethylhexyl) phthalate	ND		5.2	2.3	ug/L		10/18/24 08:24	10/21/24 19:13	1
Butyl benzyl phthalate	ND		2.1	0.69	ug/L		10/18/24 08:24	10/21/24 19:13	1
Caprolactam	ND		5.2	4.0	ug/L		10/18/24 08:24	10/21/24 19:13	1
Carbazole	ND		1.0	0.51	ug/L		10/18/24 08:24	10/21/24 19:13	1
Chrysene	ND		0.21	0.069	ug/L		10/18/24 08:24	10/21/24 19:13	1
Dibenz(a,h)anthracene	ND		0.21	0.16	ug/L		10/18/24 08:24	10/21/24 19:13	1

Client Sample ID: SB-10-GW-18-28
Date Collected: 10/16/24 13:15
Date Received: 10/16/24 16:16

Lab Sample ID: 240-213229-15
Matrix: Water

Method: SW846 8270E - Semivolatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Dibenzofuran	ND		1.0	0.28	ug/L		10/18/24 08:24	10/21/24 19:13	1
Diethyl phthalate	ND		5.2	0.42	ug/L		10/18/24 08:24	10/21/24 19:13	1
Dimethyl phthalate	ND		2.1	0.54	ug/L		10/18/24 08:24	10/21/24 19:13	1
Di-n-butyl phthalate	ND		5.2	1.9	ug/L		10/18/24 08:24	10/21/24 19:13	1
Di-n-octyl phthalate	ND		2.1	0.86	ug/L		10/18/24 08:24	10/21/24 19:13	1
Fluoranthene	ND		0.21	0.17	ug/L		10/18/24 08:24	10/21/24 19:13	1
Fluorene	ND		0.21	0.082	ug/L		10/18/24 08:24	10/21/24 19:13	1
Hexachlorobenzene	ND		0.21	0.17	ug/L		10/18/24 08:24	10/21/24 19:13	1
Hexachlorobutadiene	ND		1.0	0.57	ug/L		10/18/24 08:24	10/21/24 19:13	1
Hexachlorocyclopentadiene	ND		10	1.8	ug/L		10/18/24 08:24	10/21/24 19:13	1
Hexachloroethane	ND		1.0	0.41	ug/L		10/18/24 08:24	10/21/24 19:13	1
Indeno[1,2,3-cd]pyrene	ND		0.21	0.14	ug/L		10/18/24 08:24	10/21/24 19:13	1
Isophorone	ND		1.0	0.34	ug/L		10/18/24 08:24	10/21/24 19:13	1
N-Nitrosodi-n-propylamine	ND		1.0	0.26	ug/L		10/18/24 08:24	10/21/24 19:13	1
N-Nitrosodiphenylamine	ND		1.0	0.46	ug/L		10/18/24 08:24	10/21/24 19:13	1
Naphthalene	ND		0.21	0.11	ug/L		10/18/24 08:24	10/21/24 19:13	1
Nitrobenzene	ND		1.0	0.54	ug/L		10/18/24 08:24	10/21/24 19:13	1
Pentachlorophenol	ND		10	3.2	ug/L		10/18/24 08:24	10/21/24 19:13	1
Phenanthrene	ND		0.21	0.083	ug/L		10/18/24 08:24	10/21/24 19:13	1
Phenol	ND		1.0	0.42	ug/L		10/18/24 08:24	10/21/24 19:13	1
Pyrene	ND		0.21	0.086	ug/L		10/18/24 08:24	10/21/24 19:13	1
3 & 4 Methylphenol	ND		2.1	0.20	ug/L		10/18/24 08:24	10/21/24 19:13	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Terphenyl-d14 (Surr)	*66*		*43 - 136*	*10/18/24 08:24*	*10/21/24 19:13*	*1*
Phenol-d5 (Surr)	*10*		*10 - 120*	*10/18/24 08:24*	*10/21/24 19:13*	*1*
Nitrobenzene-d5 (Surr)	*65*		*40 - 120*	*10/18/24 08:24*	*10/21/24 19:13*	*1*
2-Fluorophenol (Surr)	*21*		*10 - 127*	*10/18/24 08:24*	*10/21/24 19:13*	*1*
2-Fluorobiphenyl (Surr)	*86*		*41 - 120*	*10/18/24 08:24*	*10/21/24 19:13*	*1*
2,4,6-Tribromophenol (Surr)	*84*		*23 - 127*	*10/18/24 08:24*	*10/21/24 19:13*	*1*

Method: SW846 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aroclor-1016	ND		0.10	0.057	ug/L		10/18/24 08:21	10/22/24 12:28	1
Aroclor-1221	ND		0.10	0.058	ug/L		10/18/24 08:21	10/22/24 12:28	1
Aroclor-1232	ND		0.10	0.076	ug/L		10/18/24 08:21	10/22/24 12:28	1
Aroclor-1242	ND		0.10	0.078	ug/L		10/18/24 08:21	10/22/24 12:28	1
Aroclor-1248	ND		0.10	0.051	ug/L		10/18/24 08:21	10/22/24 12:28	1
Aroclor-1254	ND		0.10	0.041	ug/L		10/18/24 08:21	10/22/24 12:28	1
Aroclor-1260	ND		0.10	0.047	ug/L		10/18/24 08:21	10/22/24 12:28	1
Aroclor-1262	ND		0.10	0.059	ug/L		10/18/24 08:21	10/22/24 12:28	1
Aroclor-1268	ND		0.10	0.063	ug/L		10/18/24 08:21	10/22/24 12:28	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Tetrachloro-m-xylene	*54*		*10 - 149*	*10/18/24 08:21*	*10/22/24 12:28*	*1*
DCB Decachlorobiphenyl	*36*		*10 - 174*	*10/18/24 08:21*	*10/22/24 12:28*	*1*

Method: SW846 6010D - Metals (ICP) - Total Recoverable

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	**27**		15	4.1	ug/L		10/18/24 14:00	10/21/24 17:34	1

Client: August Mack Environmental, Inc.
Project/Site: MSC Canfield

Job ID: 240-213229-1

Client Sample ID: SB-10-GW-18-28
Date Collected: 10/16/24 13:15
Date Received: 10/16/24 16:16

Lab Sample ID: 240-213229-15
Matrix: Water

Method: SW846 6010D - Metals (ICP) - Total Recoverable (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Barium	160	J B	200	1.3	ug/L		10/18/24 14:00	10/21/24 17:34	1
Cadmium	0.47	J	5.0	0.45	ug/L		10/18/24 14:00	10/21/24 17:34	1
Chromium	20		10	0.76	ug/L		10/18/24 14:00	10/21/24 17:34	1
Copper	48		25	3.5	ug/L		10/18/24 14:00	10/21/24 17:34	1
Lead	26		10	2.8	ug/L		10/18/24 14:00	10/21/24 17:34	1
Selenium	ND		20	6.0	ug/L		10/18/24 14:00	10/21/24 17:34	1
Silver	ND		10	1.4	ug/L		10/18/24 14:00	10/21/24 17:34	1
Zinc	88		50	23	ug/L		10/18/24 14:00	10/21/24 17:34	1

Method: SW846 6010D - Metals (ICP) - Dissolved

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	120		15	4.1	ug/L		10/18/24 14:00	10/21/24 17:38	1
Barium	400	B	200	1.3	ug/L		10/18/24 14:00	10/21/24 17:38	1
Cadmium	1.1	J	5.0	0.45	ug/L		10/18/24 14:00	10/21/24 17:38	1
Chromium	150		10	0.76	ug/L		10/18/24 14:00	10/21/24 17:38	1
Copper	240		25	3.5	ug/L		10/18/24 14:00	10/21/24 17:38	1
Lead	93		10	2.8	ug/L		10/18/24 14:00	10/21/24 17:38	1
Selenium	ND		20	6.0	ug/L		10/18/24 14:00	10/21/24 17:38	1
Silver	ND		10	1.4	ug/L		10/18/24 14:00	10/21/24 17:38	1
Zinc	590		50	23	ug/L		10/18/24 14:00	10/21/24 17:38	1

Method: SW846 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	ND		0.20	0.13	ug/L		10/18/24 14:00	10/21/24 14:52	1

Method: SW846 7470A - Mercury (CVAA) - Dissolved

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	ND		0.20	0.13	ug/L		10/18/24 14:00	10/21/24 14:54	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chromium, hexavalent (SW846 7196A)	0.18	J	0.50	0.18	mg/L			10/17/24 12:03	25
Cyanide, Total (SW846 9012B)	0.0075	J	0.010	0.0060	mg/L		10/25/24 11:12	10/25/24 19:59	1
Cyanide, Free (OI CORP OIA-1677)	ND		0.0060	0.0050	mg/L			10/28/24 14:32	1

General Chemistry - Dissolved

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chromium, hexavalent (SW846 7196A)	0.21	J	0.50	0.18	mg/L			10/17/24 12:03	25

Client: August Mack Environmental, Inc.
Project/Site: MSC Canfield

Job ID: 240-213229-1

Client Sample ID: TB-4-20241016
Date Collected: 10/16/24 00:00
Date Received: 10/16/24 16:16

Lab Sample ID: 240-213229-16
Matrix: Water

Method: SW846 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		1.0	0.48	ug/L			10/26/24 09:19	1
1,1,2,2-Tetrachloroethane	ND		1.0	0.60	ug/L			10/26/24 09:19	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		1.0	0.41	ug/L			10/26/24 09:19	1
1,1,2-Trichloroethane	ND		1.0	0.48	ug/L			10/26/24 09:19	1
1,1-Dichloroethane	ND		1.0	0.47	ug/L			10/26/24 09:19	1
1,1-Dichloroethene	ND		1.0	0.49	ug/L			10/26/24 09:19	1
1,2,4-Trichlorobenzene	ND		1.0	0.77	ug/L			10/26/24 09:19	1
1,2-Dibromo-3-Chloropropane	ND		2.0	0.91	ug/L			10/26/24 09:19	1
Ethylene Dibromide	ND		1.0	0.41	ug/L			10/26/24 09:19	1
1,2-Dichlorobenzene	ND		1.0	0.48	ug/L			10/26/24 09:19	1
1,2-Dichloroethane	ND		1.0	0.46	ug/L			10/26/24 09:19	1
1,2-Dichloropropane	ND		1.0	0.47	ug/L			10/26/24 09:19	1
1,3-Dichlorobenzene	ND		1.0	0.45	ug/L			10/26/24 09:19	1
1,4-Dichlorobenzene	ND		1.0	0.41	ug/L			10/26/24 09:19	1
2-Butanone (MEK)	ND		10	1.2	ug/L			10/26/24 09:19	1
2-Hexanone	ND		10	1.1	ug/L			10/26/24 09:19	1
4-Methyl-2-pentanone (MIBK)	ND		10	0.99	ug/L			10/26/24 09:19	1
Acetone	ND		10	5.4	ug/L			10/26/24 09:19	1
Benzene	ND		1.0	0.42	ug/L			10/26/24 09:19	1
Dichlorobromomethane	ND		1.0	0.38	ug/L			10/26/24 09:19	1
Bromoform	ND		1.0	0.76	ug/L			10/26/24 09:19	1
Bromomethane	ND		1.0	0.42	ug/L			10/26/24 09:19	1
Carbon disulfide	ND		1.0	0.59	ug/L			10/26/24 09:19	1
Carbon tetrachloride	ND		1.0	0.26	ug/L			10/26/24 09:19	1
Chlorobenzene	ND		1.0	0.38	ug/L			10/26/24 09:19	1
Chloroethane	ND		1.0	0.83	ug/L			10/26/24 09:19	1
Chloroform	ND		1.0	0.47	ug/L			10/26/24 09:19	1
Chloromethane	ND		1.0	0.63	ug/L			10/26/24 09:19	1
cis-1,2-Dichloroethene	ND		1.0	0.46	ug/L			10/26/24 09:19	1
cis-1,3-Dichloropropene	ND		1.0	0.61	ug/L			10/26/24 09:19	1
Cyclohexane	ND		1.0	0.48	ug/L			10/26/24 09:19	1
Chlorodibromomethane	ND		1.0	0.39	ug/L			10/26/24 09:19	1
Dichlorodifluoromethane	ND		1.0	0.35	ug/L			10/26/24 09:19	1
Ethylbenzene	ND		1.0	0.42	ug/L			10/26/24 09:19	1
Isopropylbenzene	ND		1.0	0.49	ug/L			10/26/24 09:19	1
Methyl acetate	ND		10	1.7	ug/L			10/26/24 09:19	1
Methyl tert-butyl ether	ND		1.0	0.47	ug/L			10/26/24 09:19	1
Methylcyclohexane	ND		1.0	0.33	ug/L			10/26/24 09:19	1
Methylene Chloride	ND		5.0	2.6	ug/L			10/26/24 09:19	1
Styrene	ND		1.0	0.45	ug/L			10/26/24 09:19	1
Tetrachloroethene	ND		1.0	0.44	ug/L			10/26/24 09:19	1
Toluene	ND		1.0	0.44	ug/L			10/26/24 09:19	1
trans-1,2-Dichloroethene	ND		1.0	0.51	ug/L			10/26/24 09:19	1
trans-1,3-Dichloropropene	ND		1.0	0.67	ug/L			10/26/24 09:19	1
Trichloroethene	ND		1.0	0.44	ug/L			10/26/24 09:19	1
Trichlorofluoromethane	ND		1.0	0.45	ug/L			10/26/24 09:19	1
Vinyl chloride	ND		1.0	0.45	ug/L			10/26/24 09:19	1
Xylenes, Total	ND		2.0	0.42	ug/L			10/26/24 09:19	1

Client: August Mack Environmental, Inc.
Project/Site: MSC Canfield

Job ID: 240-213229-1

Client Sample ID: TB-4-20241016
Date Collected: 10/16/24 00:00
Date Received: 10/16/24 16:16

Lab Sample ID: 240-213229-16
Matrix: Water

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
Toluene-d8 (Surr)	97		78 - 122		10/26/24 09:19	1
Dibromofluoromethane (Surr)	99		73 - 120		10/26/24 09:19	1
4-Bromofluorobenzene (Surr)	90		56 - 136		10/26/24 09:19	1
1,2-Dichloroethane-d4 (Surr)	120		62 - 137		10/26/24 09:19	1

Client: August Mack Environmental, Inc.
Project/Site: MSC Canfield

Job ID: 240-213229-1

Client Sample ID: TB-5-20241016
Date Collected: 10/16/24 00:00
Date Received: 10/16/24 16:16

Lab Sample ID: 240-213229-17
Matrix: Water

Method: SW846 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		1.0	0.48	ug/L			10/26/24 09:41	1
1,1,2,2-Tetrachloroethane	ND		1.0	0.60	ug/L			10/26/24 09:41	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		1.0	0.41	ug/L			10/26/24 09:41	1
1,1,2-Trichloroethane	ND		1.0	0.48	ug/L			10/26/24 09:41	1
1,1-Dichloroethane	ND		1.0	0.47	ug/L			10/26/24 09:41	1
1,1-Dichloroethene	ND		1.0	0.49	ug/L			10/26/24 09:41	1
1,2,4-Trichlorobenzene	ND		1.0	0.77	ug/L			10/26/24 09:41	1
1,2-Dibromo-3-Chloropropane	ND		2.0	0.91	ug/L			10/26/24 09:41	1
Ethylene Dibromide	ND		1.0	0.41	ug/L			10/26/24 09:41	1
1,2-Dichlorobenzene	ND		1.0	0.48	ug/L			10/26/24 09:41	1
1,2-Dichloroethane	ND		1.0	0.46	ug/L			10/26/24 09:41	1
1,2-Dichloropropane	ND		1.0	0.47	ug/L			10/26/24 09:41	1
1,3-Dichlorobenzene	ND		1.0	0.45	ug/L			10/26/24 09:41	1
1,4-Dichlorobenzene	ND		1.0	0.41	ug/L			10/26/24 09:41	1
2-Butanone (MEK)	ND		10	1.2	ug/L			10/26/24 09:41	1
2-Hexanone	ND		10	1.1	ug/L			10/26/24 09:41	1
4-Methyl-2-pentanone (MIBK)	ND		10	0.99	ug/L			10/26/24 09:41	1
Acetone	ND		10	5.4	ug/L			10/26/24 09:41	1
Benzene	ND		1.0	0.42	ug/L			10/26/24 09:41	1
Dichlorobromomethane	ND		1.0	0.38	ug/L			10/26/24 09:41	1
Bromoform	ND		1.0	0.76	ug/L			10/26/24 09:41	1
Bromomethane	ND		1.0	0.42	ug/L			10/26/24 09:41	1
Carbon disulfide	ND		1.0	0.59	ug/L			10/26/24 09:41	1
Carbon tetrachloride	ND		1.0	0.26	ug/L			10/26/24 09:41	1
Chlorobenzene	ND		1.0	0.38	ug/L			10/26/24 09:41	1
Chloroethane	ND		1.0	0.83	ug/L			10/26/24 09:41	1
Chloroform	ND		1.0	0.47	ug/L			10/26/24 09:41	1
Chloromethane	ND		1.0	0.63	ug/L			10/26/24 09:41	1
cis-1,2-Dichloroethene	ND		1.0	0.46	ug/L			10/26/24 09:41	1
cis-1,3-Dichloropropene	ND		1.0	0.61	ug/L			10/26/24 09:41	1
Cyclohexane	ND		1.0	0.48	ug/L			10/26/24 09:41	1
Chlorodibromomethane	ND		1.0	0.39	ug/L			10/26/24 09:41	1
Dichlorodifluoromethane	ND		1.0	0.35	ug/L			10/26/24 09:41	1
Ethylbenzene	ND		1.0	0.42	ug/L			10/26/24 09:41	1
Isopropylbenzene	ND		1.0	0.49	ug/L			10/26/24 09:41	1
Methyl acetate	ND		10	1.7	ug/L			10/26/24 09:41	1
Methyl tert-butyl ether	ND		1.0	0.47	ug/L			10/26/24 09:41	1
Methylcyclohexane	ND		1.0	0.33	ug/L			10/26/24 09:41	1
Methylene Chloride	ND		5.0	2.6	ug/L			10/26/24 09:41	1
Styrene	ND		1.0	0.45	ug/L			10/26/24 09:41	1
Tetrachloroethene	ND		1.0	0.44	ug/L			10/26/24 09:41	1
Toluene	ND		1.0	0.44	ug/L			10/26/24 09:41	1
trans-1,2-Dichloroethene	ND		1.0	0.51	ug/L			10/26/24 09:41	1
trans-1,3-Dichloropropene	ND		1.0	0.67	ug/L			10/26/24 09:41	1
Trichloroethene	ND		1.0	0.44	ug/L			10/26/24 09:41	1
Trichlorofluoromethane	ND		1.0	0.45	ug/L			10/26/24 09:41	1
Vinyl chloride	ND		1.0	0.45	ug/L			10/26/24 09:41	1
Xylenes, Total	ND		2.0	0.42	ug/L			10/26/24 09:41	1

Client: August Mack Environmental, Inc.
Project/Site: MSC Canfield

Job ID: 240-213229-1

Client Sample ID: TB-5-20241016
Date Collected: 10/16/24 00:00
Date Received: 10/16/24 16:16

Lab Sample ID: 240-213229-17
Matrix: Water

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
Toluene-d8 (Surr)	92		78 - 122		10/26/24 09:41	1
Dibromofluoromethane (Surr)	97		73 - 120		10/26/24 09:41	1
4-Bromofluorobenzene (Surr)	82		56 - 136		10/26/24 09:41	1
1,2-Dichloroethane-d4 (Surr)	118		62 - 137		10/26/24 09:41	1

Client: August Mack Environmental, Inc.
Project/Site: MSC Canfield

Job ID: 240-213229-1

Client Sample ID: TB-6-20241016
Date Collected: 10/16/24 00:00
Date Received: 10/16/24 16:16

Lab Sample ID: 240-213229-18
Matrix: Water

Method: SW846 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		1.0	0.48	ug/L			10/26/24 10:03	1
1,1,2,2-Tetrachloroethane	ND		1.0	0.60	ug/L			10/26/24 10:03	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		1.0	0.41	ug/L			10/26/24 10:03	1
1,1,2-Trichloroethane	ND		1.0	0.48	ug/L			10/26/24 10:03	1
1,1-Dichloroethane	ND		1.0	0.47	ug/L			10/26/24 10:03	1
1,1-Dichloroethene	ND		1.0	0.49	ug/L			10/26/24 10:03	1
1,2,4-Trichlorobenzene	ND		1.0	0.77	ug/L			10/26/24 10:03	1
1,2-Dibromo-3-Chloropropane	ND		2.0	0.91	ug/L			10/26/24 10:03	1
Ethylene Dibromide	ND		1.0	0.41	ug/L			10/26/24 10:03	1
1,2-Dichlorobenzene	ND		1.0	0.48	ug/L			10/26/24 10:03	1
1,2-Dichloroethane	ND		1.0	0.46	ug/L			10/26/24 10:03	1
1,2-Dichloropropane	ND		1.0	0.47	ug/L			10/26/24 10:03	1
1,3-Dichlorobenzene	ND		1.0	0.45	ug/L			10/26/24 10:03	1
1,4-Dichlorobenzene	ND		1.0	0.41	ug/L			10/26/24 10:03	1
2-Butanone (MEK)	ND		10	1.2	ug/L			10/26/24 10:03	1
2-Hexanone	ND		10	1.1	ug/L			10/26/24 10:03	1
4-Methyl-2-pentanone (MIBK)	ND		10	0.99	ug/L			10/26/24 10:03	1
Acetone	ND		10	5.4	ug/L			10/26/24 10:03	1
Benzene	ND		1.0	0.42	ug/L			10/26/24 10:03	1
Dichlorobromomethane	ND		1.0	0.38	ug/L			10/26/24 10:03	1
Bromoform	ND		1.0	0.76	ug/L			10/26/24 10:03	1
Bromomethane	ND		1.0	0.42	ug/L			10/26/24 10:03	1
Carbon disulfide	ND		1.0	0.59	ug/L			10/26/24 10:03	1
Carbon tetrachloride	ND		1.0	0.26	ug/L			10/26/24 10:03	1
Chlorobenzene	ND		1.0	0.38	ug/L			10/26/24 10:03	1
Chloroethane	ND		1.0	0.83	ug/L			10/26/24 10:03	1
Chloroform	ND		1.0	0.47	ug/L			10/26/24 10:03	1
Chloromethane	ND		1.0	0.63	ug/L			10/26/24 10:03	1
cis-1,2-Dichloroethene	ND		1.0	0.46	ug/L			10/26/24 10:03	1
cis-1,3-Dichloropropene	ND		1.0	0.61	ug/L			10/26/24 10:03	1
Cyclohexane	ND		1.0	0.48	ug/L			10/26/24 10:03	1
Chlorodibromomethane	ND		1.0	0.39	ug/L			10/26/24 10:03	1
Dichlorodifluoromethane	ND		1.0	0.35	ug/L			10/26/24 10:03	1
Ethylbenzene	ND		1.0	0.42	ug/L			10/26/24 10:03	1
Isopropylbenzene	ND		1.0	0.49	ug/L			10/26/24 10:03	1
Methyl acetate	ND		10	1.7	ug/L			10/26/24 10:03	1
Methyl tert-butyl ether	ND		1.0	0.47	ug/L			10/26/24 10:03	1
Methylcyclohexane	ND		1.0	0.33	ug/L			10/26/24 10:03	1
Methylene Chloride	ND		5.0	2.6	ug/L			10/26/24 10:03	1
Styrene	ND		1.0	0.45	ug/L			10/26/24 10:03	1
Tetrachloroethene	ND		1.0	0.44	ug/L			10/26/24 10:03	1
Toluene	ND		1.0	0.44	ug/L			10/26/24 10:03	1
trans-1,2-Dichloroethene	ND		1.0	0.51	ug/L			10/26/24 10:03	1
trans-1,3-Dichloropropene	ND		1.0	0.67	ug/L			10/26/24 10:03	1
Trichloroethene	ND		1.0	0.44	ug/L			10/26/24 10:03	1
Trichlorofluoromethane	ND		1.0	0.45	ug/L			10/26/24 10:03	1
Vinyl chloride	ND		1.0	0.45	ug/L			10/26/24 10:03	1
Xylenes, Total	ND		2.0	0.42	ug/L			10/26/24 10:03	1

Client: August Mack Environmental, Inc.
Project/Site: MSC Canfield

Job ID: 240-213229-1

Client Sample ID: TB-6-20241016
Date Collected: 10/16/24 00:00
Date Received: 10/16/24 16:16

Lab Sample ID: 240-213229-18
Matrix: Water

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
Toluene-d8 (Surr)	91		78 - 122		10/26/24 10:03	1
Dibromofluoromethane (Surr)	94		73 - 120		10/26/24 10:03	1
4-Bromofluorobenzene (Surr)	86		56 - 136		10/26/24 10:03	1
1,2-Dichloroethane-d4 (Surr)	115		62 - 137		10/26/24 10:03	1

Surrogate Summary

Client: August Mack Environmental, Inc.
Project/Site: MSC Canfield

Job ID: 240-213229-1

Method: 8260D - Volatile Organic Compounds by GC/MS

Matrix: Solid

Prep Type: Total/NA

		Percent Surrogate Recovery (Acceptance Limits)			
		TOL	DBFM	BFB	DCA
Lab Sample ID	Client Sample ID	(56-125)	(41-138)	(41-143)	(58-125)
240-213229-1	SB-10-4.0-6.0	97	98	88	98
240-213229-2	SB-10-10.0-12.0	98	100	88	99
240-213229-3	SB-21-12.0-14.0	97	100	86	98
240-213229-4	SB-21-16.0-18.0	100	98	92	101
240-213229-5	SB-13-18-20	98	100	87	98
240-213229-6	SB-13-14-16	104	100	98	104
240-213229-6 MS	SB-13-14-16	103	101	96	101
240-213229-6 MSD	SB-13-14-16	104	102	97	100
240-213229-7	SB-13-16-18	101	99	93	101
240-213229-8	SB-DUP-2	102	99	94	98
LCS 240-631586/5	Lab Control Sample	97	97	90	92
LCS 240-631807/5	Lab Control Sample	98	97	93	95
MB 240-631586/7	Method Blank	96	96	86	93
MB 240-631807/7	Method Blank	99	100	91	102

Surrogate Legend

TOL = Toluene-d8 (Surr)
DBFM = Dibromofluoromethane (Surr)
BFB = 4-Bromofluorobenzene (Surr)
DCA = 1,2-Dichloroethane-d4 (Surr)

Method: 8260D - Volatile Organic Compounds by GC/MS

Matrix: Water

Prep Type: Total/NA

		Percent Surrogate Recovery (Acceptance Limits)			
		TOL	DBFM	BFB	DCA
Lab Sample ID	Client Sample ID	(78-122)	(73-120)	(56-136)	(62-137)
240-213229-9	TB-7-20241016	100	109	97	99
240-213229-10	SB-19-GW-18-28	97	94	96	103
240-213229-11	SB-20-GW-14-24	104	96	103	105
240-213229-12	SB-18-GW-14-24	99	96	97	104
240-213229-13	SB-16-GW-14-24	96	87	94	97
240-213229-14	SB-17-GW-18-28	99	92	101	101
240-213229-15	SB-10-GW-18-28	88	95	85	117
240-213229-16	TB-4-20241016	97	99	90	120
240-213229-17	TB-5-20241016	92	97	82	118
240-213229-18	TB-6-20241016	91	94	86	115
LCS 240-632050/5	Lab Control Sample	93	97	97	88
LCS 240-632542/6	Lab Control Sample	96	96	99	94
LCS 240-632574/4	Lab Control Sample	101	99	105	107
MB 240-632050/9	Method Blank	88	98	88	91
MB 240-632542/9	Method Blank	96	90	94	99
MB 240-632574/7	Method Blank	102	100	90	119

Surrogate Legend

TOL = Toluene-d8 (Surr)
DBFM = Dibromofluoromethane (Surr)
BFB = 4-Bromofluorobenzene (Surr)
DCA = 1,2-Dichloroethane-d4 (Surr)

Surrogate Summary

Client: August Mack Environmental, Inc.
Job ID: 240-213229-1
Project/Site: MSC Canfield

Method: 8270E - Semivolatile Organic Compounds (GC/MS)

Matrix: Solid
Prep Type: Total/NA

		Percent Surrogate Recovery (Acceptance Limits)					
		TPHL	PHL	NBZ	2FP	FBP	TBP
Lab Sample ID	Client Sample ID	(37-120)	(29-120)	(28-120)	(26-120)	(36-120)	(10-120)
240-213229-1	SB-10-4.0-6.0	73	67	56	64	63	69
240-213229-2	SB-10-10.0-12.0	54	49	36	48	41	54
240-213229-3	SB-21-12.0-14.0	69	65	52	63	59	58
240-213229-4	SB-21-16.0-18.0	71	64	51	62	58	70
240-213229-5	SB-13-18-20	71	62	49	61	59	73
240-213229-6	SB-13-14-16	52	47	37	47	44	48
240-213229-6 MS	SB-13-14-16	72	70	48	62	53	55
240-213229-6 MSD	SB-13-14-16	58	59	40	52	42	59
240-213229-7	SB-13-16-18	63	58	46	56	54	47
240-213229-8	SB-DUP-2	60	55	46	54	53	52
LCS 240-632058/2-A	Lab Control Sample	79	80	67	78	77	88
MB 240-632058/1-A	Method Blank	63	67	55	68	61	67

Surrogate Legend

TPHL = Terphenyl-d14 (Surr)
PHL = Phenol-d5 (Surr)
NBZ = Nitrobenzene-d5 (Surr)
2FP = 2-Fluorophenol (Surr)
FBP = 2-Fluorobiphenyl (Surr)
TBP = 2,4,6-Tribromophenol (Surr)

Method: 8270E - Semivolatile Organic Compounds (GC/MS)

Matrix: Water
Prep Type: Total/NA

		Percent Surrogate Recovery (Acceptance Limits)					
		TPHL	PHL	NBZ	2FP	FBP	TBP
Lab Sample ID	Client Sample ID	(43-136)	(10-120)	(40-120)	(10-127)	(41-120)	(23-127)
240-213229-10	SB-19-GW-18-28	76	62	65	73	85	82
240-213229-11	SB-20-GW-14-24	77	63	67	76	92	103
240-213229-12	SB-18-GW-14-24	75	63	67	77	94	103
240-213229-12 - RE	SB-18-GW-14-24	75	62	87	111	60	90
240-213229-13	SB-16-GW-14-24	77	60	67	79	90	102
240-213229-14	SB-17-GW-18-28	78	59	65	70	87	87
240-213229-15	SB-10-GW-18-28	66	10	65	21	86	84
LCS 240-631401/2-A	Lab Control Sample	83	54	75	90	94	111
LCS 240-632020/2-A	Lab Control Sample	86	53	92	122	74	89
MB 240-631401/1-A	Method Blank	88	44	70	61	94	95
MB 240-632020/1-A	Method Blank	70	46	68	65	59	54

Surrogate Legend

TPHL = Terphenyl-d14 (Surr)
PHL = Phenol-d5 (Surr)
NBZ = Nitrobenzene-d5 (Surr)
2FP = 2-Fluorophenol (Surr)
FBP = 2-Fluorobiphenyl (Surr)
TBP = 2,4,6-Tribromophenol (Surr)

Surrogate Summary

Client: August Mack Environmental, Inc.
Job ID: 240-213229-1
Project/Site: MSC Canfield

Method: 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Matrix: Solid
Prep Type: Total/NA

		Percent Surrogate Recovery (Acceptance Limits)									
		TCX1	DCBP1								
Lab Sample ID	Client Sample ID	(10-149)	(10-174)								
240-213229-1	SB-10-4.0-6.0	67	74								
240-213229-2	SB-10-10.0-12.0	72	78								
240-213229-3	SB-21-12.0-14.0	72	78								
240-213229-4	SB-21-16.0-18.0	67	73								
240-213229-5	SB-13-18-20	61	65								
240-213229-6	SB-13-14-16	59	62								
240-213229-6 MS	SB-13-14-16	49	53								
240-213229-6 MSD	SB-13-14-16	56	60								
240-213229-7	SB-13-16-18	58	58								
240-213229-8	SB-DUP-2	47	30								
LCS 240-631847/2-A	Lab Control Sample	60	71								
MB 240-631847/1-A	Method Blank	55	57								

Surrogate Legend

TCX = Tetrachloro-m-xylene

DCBP = DCB Decachlorobiphenyl

Method: 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Matrix: Water
Prep Type: Total/NA

		Percent Surrogate Recovery (Acceptance Limits)									
		TCX2	DCBP2								
Lab Sample ID	Client Sample ID	(10-149)	(10-174)								
240-213229-10	SB-19-GW-18-28	65	54								
240-213229-11	SB-20-GW-14-24	51	34								
240-213229-12	SB-18-GW-14-24	52	28								
240-213229-13	SB-16-GW-14-24	51	38								
240-213229-14	SB-17-GW-18-28	59	49								
240-213229-15	SB-10-GW-18-28	54	36								
LCS 240-631397/2-A	Lab Control Sample	51	61								
MB 240-631397/1-A	Method Blank	64	76								

Surrogate Legend

TCX = Tetrachloro-m-xylene

DCBP = DCB Decachlorobiphenyl

Method: 8260D - Volatile Organic Compounds by GC/MS

Lab Sample ID: MB 240-631586/7
Matrix: Solid
Analysis Batch: 631586

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		5.0	1.8	ug/Kg			10/21/24 10:27	1
1,1,2,2-Tetrachloroethane	ND		5.0	1.4	ug/Kg			10/21/24 10:27	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		5.0	1.3	ug/Kg			10/21/24 10:27	1
1,1,2-Trichloroethane	ND		5.0	1.1	ug/Kg			10/21/24 10:27	1
1,1-Dichloroethane	ND		5.0	1.4	ug/Kg			10/21/24 10:27	1
1,1-Dichloroethene	ND		5.0	1.8	ug/Kg			10/21/24 10:27	1
1,2,4-Trichlorobenzene	ND		5.0	2.5	ug/Kg			10/21/24 10:27	1
1,2-Dibromo-3-Chloropropane	ND		10	3.6	ug/Kg			10/21/24 10:27	1
Ethylene Dibromide	ND		5.0	1.7	ug/Kg			10/21/24 10:27	1
1,2-Dichlorobenzene	ND		5.0	1.1	ug/Kg			10/21/24 10:27	1
1,2-Dichloroethane	ND		5.0	1.8	ug/Kg			10/21/24 10:27	1
1,2-Dichloropropane	ND		5.0	0.85	ug/Kg			10/21/24 10:27	1
1,3-Dichlorobenzene	ND		5.0	1.6	ug/Kg			10/21/24 10:27	1
1,4-Dichlorobenzene	ND		5.0	0.88	ug/Kg			10/21/24 10:27	1
2-Butanone (MEK)	ND		20	3.6	ug/Kg			10/21/24 10:27	1
2-Hexanone	ND		20	4.1	ug/Kg			10/21/24 10:27	1
4-Methyl-2-pentanone (MIBK)	ND		20	3.7	ug/Kg			10/21/24 10:27	1
Acetone	ND		25	21	ug/Kg			10/21/24 10:27	1
Benzene	ND		5.0	1.5	ug/Kg			10/21/24 10:27	1
Dichlorobromomethane	ND		5.0	1.5	ug/Kg			10/21/24 10:27	1
Bromoform	ND		5.0	2.4	ug/Kg			10/21/24 10:27	1
Bromomethane	ND		5.0	4.2	ug/Kg			10/21/24 10:27	1
Carbon disulfide	ND		5.0	1.2	ug/Kg			10/21/24 10:27	1
Carbon tetrachloride	ND		5.0	3.3	ug/Kg			10/21/24 10:27	1
Chlorobenzene	ND		5.0	0.92	ug/Kg			10/21/24 10:27	1
Chloroethane	ND		5.0	2.7	ug/Kg			10/21/24 10:27	1
Chloroform	ND		5.0	1.8	ug/Kg			10/21/24 10:27	1
Chloromethane	ND		5.0	2.3	ug/Kg			10/21/24 10:27	1
cis-1,2-Dichloroethene	ND		5.0	1.5	ug/Kg			10/21/24 10:27	1
cis-1,3-Dichloropropene	ND		5.0	2.9	ug/Kg			10/21/24 10:27	1
Cyclohexane	ND		10	1.4	ug/Kg			10/21/24 10:27	1
Chlorodibromomethane	ND		5.0	2.8	ug/Kg			10/21/24 10:27	1
Dichlorodifluoromethane	ND		5.0	2.3	ug/Kg			10/21/24 10:27	1
Ethylbenzene	ND		5.0	1.0	ug/Kg			10/21/24 10:27	1
Isopropylbenzene	ND		5.0	1.9	ug/Kg			10/21/24 10:27	1
Methyl acetate	ND		25	3.4	ug/Kg			10/21/24 10:27	1
Methyl tert-butyl ether	ND		5.0	2.0	ug/Kg			10/21/24 10:27	1
Methylcyclohexane	ND		10	1.2	ug/Kg			10/21/24 10:27	1
Methylene Chloride	ND		25	12	ug/Kg			10/21/24 10:27	1
Styrene	ND		5.0	1.2	ug/Kg			10/21/24 10:27	1
Tetrachloroethene	ND		5.0	1.9	ug/Kg			10/21/24 10:27	1
Toluene	ND		5.0	0.77	ug/Kg			10/21/24 10:27	1
trans-1,2-Dichloroethene	ND		5.0	1.4	ug/Kg			10/21/24 10:27	1
trans-1,3-Dichloropropene	ND		5.0	1.8	ug/Kg			10/21/24 10:27	1
Trichloroethene	ND		5.0	1.4	ug/Kg			10/21/24 10:27	1
Trichlorofluoromethane	ND		5.0	2.7	ug/Kg			10/21/24 10:27	1
Vinyl chloride	ND		5.0	1.8	ug/Kg			10/21/24 10:27	1
Xylenes, Total	ND		10	1.6	ug/Kg			10/21/24 10:27	1

Method: 8260D - Volatile Organic Compounds by GC/MS (Continued)

Lab Sample ID: MB 240-631586/7
Matrix: Solid
Analysis Batch: 631586

Client Sample ID: Method Blank
Prep Type: Total/NA

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
Toluene-d8 (Surr)	*96*		*56 - 125*		*10/21/24 10:27*	*1*
Dibromofluoromethane (Surr)	*96*		*41 - 138*		*10/21/24 10:27*	*1*
4-Bromofluorobenzene (Surr)	*86*		*41 - 143*		*10/21/24 10:27*	*1*
1,2-Dichloroethane-d4 (Surr)	*93*		*58 - 125*		*10/21/24 10:27*	*1*

Lab Sample ID: LCS 240-631586/5
Matrix: Solid
Analysis Batch: 631586

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
1,1,1-Trichloroethane	50.0	52.2		ug/Kg		104	74 - 136
1,1,2,2-Tetrachloroethane	50.0	45.5		ug/Kg		91	66 - 129
1,1,2-Trichloro-1,2,2-trifluoroethane	50.0	61.2		ug/Kg		122	64 - 148
1,1,2-Trichloroethane	50.0	46.3		ug/Kg		93	79 - 120
1,1-Dichloroethane	50.0	45.0		ug/Kg		90	74 - 121
1,1-Dichloroethene	50.0	56.2		ug/Kg		112	68 - 141
1,2,4-Trichlorobenzene	50.0	59.0		ug/Kg		118	58 - 132
1,2-Dibromo-3-Chloropropane	50.0	54.4		ug/Kg		109	52 - 133
Ethylene Dibromide	50.0	47.2		ug/Kg		94	80 - 121
1,2-Dichlorobenzene	50.0	52.6		ug/Kg		105	73 - 120
1,2-Dichloroethane	50.0	43.4		ug/Kg		87	71 - 123
1,2-Dichloropropane	50.0	44.3		ug/Kg		89	76 - 126
1,3-Dichlorobenzene	50.0	48.6		ug/Kg		97	73 - 120
1,4-Dichlorobenzene	50.0	48.1		ug/Kg		96	74 - 120
2-Butanone (MEK)	100	84.7		ug/Kg		85	63 - 142
2-Hexanone	100	75.8		ug/Kg		76	65 - 142
4-Methyl-2-pentanone (MIBK)	100	89.3		ug/Kg		89	62 - 142
Acetone	100	116		ug/Kg		116	58 - 160
Benzene	50.0	44.8		ug/Kg		90	76 - 121
Dichlorobromomethane	50.0	46.7		ug/Kg		93	71 - 138
Bromoform	50.0	50.2		ug/Kg		100	57 - 140
Bromomethane	50.0	60.3		ug/Kg		121	10 - 171
Carbon disulfide	50.0	54.9		ug/Kg		110	43 - 152
Carbon tetrachloride	50.0	50.8		ug/Kg		102	64 - 144
Chlorobenzene	50.0	47.4		ug/Kg		95	80 - 120
Chloroethane	50.0	54.9		ug/Kg		110	11 - 164
Chloroform	50.0	45.7		ug/Kg		91	78 - 120
Chloromethane	50.0	49.2		ug/Kg		98	41 - 142
cis-1,2-Dichloroethene	50.0	47.1		ug/Kg		94	78 - 124
cis-1,3-Dichloropropene	50.0	41.0		ug/Kg		82	70 - 133
Cyclohexane	50.0	50.0		ug/Kg		100	65 - 137
Chlorodibromomethane	50.0	49.1		ug/Kg		98	68 - 131
Dichlorodifluoromethane	50.0	42.8		ug/Kg		86	21 - 150
Ethylbenzene	50.0	46.6		ug/Kg		93	80 - 120
Isopropylbenzene	50.0	56.8		ug/Kg		114	80 - 130
Methyl acetate	100	82.5		ug/Kg		83	60 - 133
Methyl tert-butyl ether	50.0	45.4		ug/Kg		91	70 - 130
Methylcyclohexane	50.0	47.6		ug/Kg		95	70 - 138

Method: 8260D - Volatile Organic Compounds by GC/MS (Continued)

Lab Sample ID: LCS 240-631586/5
Matrix: Solid
Analysis Batch: 631586

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
Methylene Chloride			50.0	54.9		ug/Kg		110	71 - 124		
Styrene			50.0	47.2		ug/Kg		94	75 - 140		
Tetrachloroethene			50.0	49.6		ug/Kg		99	76 - 127		
Toluene			50.0	46.3		ug/Kg		93	80 - 120		
trans-1,2-Dichloroethene			50.0	48.5		ug/Kg		97	76 - 130		
trans-1,3-Dichloropropene			50.0	46.6		ug/Kg		93	61 - 121		
Trichloroethene			50.0	48.7		ug/Kg		97	74 - 130		
Trichlorofluoromethane			50.0	57.6		ug/Kg		115	50 - 154		
Vinyl chloride			50.0	59.9		ug/Kg		120	49 - 146		
Xylenes, Total			100	96.9		ug/Kg		97	80 - 122		
m-Xylene & p-Xylene			50.0	47.1		ug/Kg		94	80 - 122		
o-Xylene			50.0	49.8		ug/Kg		100	80 - 124		

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
Toluene-d8 (Surr)	*97*		*56 - 125*
Dibromofluoromethane (Surr)	*97*		*41 - 138*
4-Bromofluorobenzene (Surr)	*90*		*41 - 143*
1,2-Dichloroethane-d4 (Surr)	*92*		*58 - 125*

Lab Sample ID: MB 240-631807/7
Matrix: Solid
Analysis Batch: 631807

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		5.0	1.8	ug/Kg			10/22/24 11:01	1
1,1,2,2-Tetrachloroethane	ND		5.0	1.4	ug/Kg			10/22/24 11:01	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		5.0	1.3	ug/Kg			10/22/24 11:01	1
1,1,2-Trichloroethane	ND		5.0	1.1	ug/Kg			10/22/24 11:01	1
1,1-Dichloroethane	ND		5.0	1.4	ug/Kg			10/22/24 11:01	1
1,1-Dichloroethene	ND		5.0	1.8	ug/Kg			10/22/24 11:01	1
1,2,4-Trichlorobenzene	ND		5.0	2.5	ug/Kg			10/22/24 11:01	1
1,2-Dibromo-3-Chloropropane	ND		10	3.6	ug/Kg			10/22/24 11:01	1
Ethylene Dibromide	ND		5.0	1.7	ug/Kg			10/22/24 11:01	1
1,2-Dichlorobenzene	ND		5.0	1.1	ug/Kg			10/22/24 11:01	1
1,2-Dichloroethane	ND		5.0	1.8	ug/Kg			10/22/24 11:01	1
1,2-Dichloropropane	ND		5.0	0.85	ug/Kg			10/22/24 11:01	1
1,3-Dichlorobenzene	ND		5.0	1.6	ug/Kg			10/22/24 11:01	1
1,4-Dichlorobenzene	ND		5.0	0.88	ug/Kg			10/22/24 11:01	1
2-Butanone (MEK)	ND		20	3.6	ug/Kg			10/22/24 11:01	1
2-Hexanone	ND		20	4.1	ug/Kg			10/22/24 11:01	1
4-Methyl-2-pentanone (MIBK)	ND		20	3.7	ug/Kg			10/22/24 11:01	1
Acetone	ND		25	21	ug/Kg			10/22/24 11:01	1
Benzene	ND		5.0	1.5	ug/Kg			10/22/24 11:01	1
Dichlorobromomethane	ND		5.0	1.5	ug/Kg			10/22/24 11:01	1
Bromoform	ND		5.0	2.4	ug/Kg			10/22/24 11:01	1
Bromomethane	ND		5.0	4.2	ug/Kg			10/22/24 11:01	1
Carbon disulfide	ND		5.0	1.2	ug/Kg			10/22/24 11:01	1
Carbon tetrachloride	ND		5.0	3.3	ug/Kg			10/22/24 11:01	1

Method: 8260D - Volatile Organic Compounds by GC/MS (Continued)

Lab Sample ID: MB 240-631807/7
Matrix: Solid
Analysis Batch: 631807

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chlorobenzene	ND		5.0	0.92	ug/Kg			10/22/24 11:01	1
Chloroethane	ND		5.0	2.7	ug/Kg			10/22/24 11:01	1
Chloroform	ND		5.0	1.8	ug/Kg			10/22/24 11:01	1
Chloromethane	ND		5.0	2.3	ug/Kg			10/22/24 11:01	1
cis-1,2-Dichloroethene	ND		5.0	1.5	ug/Kg			10/22/24 11:01	1
cis-1,3-Dichloropropene	ND		5.0	2.9	ug/Kg			10/22/24 11:01	1
Cyclohexane	ND		10	1.4	ug/Kg			10/22/24 11:01	1
Chlorodibromomethane	ND		5.0	2.8	ug/Kg			10/22/24 11:01	1
Dichlorodifluoromethane	ND		5.0	2.3	ug/Kg			10/22/24 11:01	1
Ethylbenzene	ND		5.0	1.0	ug/Kg			10/22/24 11:01	1
Isopropylbenzene	ND		5.0	1.9	ug/Kg			10/22/24 11:01	1
Methyl acetate	ND		25	3.4	ug/Kg			10/22/24 11:01	1
Methyl tert-butyl ether	ND		5.0	2.0	ug/Kg			10/22/24 11:01	1
Methylcyclohexane	ND		10	1.2	ug/Kg			10/22/24 11:01	1
Methylene Chloride	ND		25	12	ug/Kg			10/22/24 11:01	1
Styrene	ND		5.0	1.2	ug/Kg			10/22/24 11:01	1
Tetrachloroethene	ND		5.0	1.9	ug/Kg			10/22/24 11:01	1
Toluene	ND		5.0	0.77	ug/Kg			10/22/24 11:01	1
trans-1,2-Dichloroethene	ND		5.0	1.4	ug/Kg			10/22/24 11:01	1
trans-1,3-Dichloropropene	ND		5.0	1.8	ug/Kg			10/22/24 11:01	1
Trichloroethene	ND		5.0	1.4	ug/Kg			10/22/24 11:01	1
Trichlorofluoromethane	ND		5.0	2.7	ug/Kg			10/22/24 11:01	1
Vinyl chloride	ND		5.0	1.8	ug/Kg			10/22/24 11:01	1
Xylenes, Total	ND		10	1.6	ug/Kg			10/22/24 11:01	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Toluene-d8 (Surr)	*99*		*56 - 125*		*10/22/24 11:01*	*1*
Dibromofluoromethane (Surr)	*100*		*41 - 138*		*10/22/24 11:01*	*1*
4-Bromofluorobenzene (Surr)	*91*		*41 - 143*		*10/22/24 11:01*	*1*
1,2-Dichloroethane-d4 (Surr)	*102*		*58 - 125*		*10/22/24 11:01*	*1*

Lab Sample ID: LCS 240-631807/5
Matrix: Solid
Analysis Batch: 631807

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
1,1,1-Trichloroethane	50.0	52.7		ug/Kg		105	74 - 136
1,1,2,2-Tetrachloroethane	50.0	49.8		ug/Kg		100	66 - 129
1,1,2-Trichloro-1,2,2-trifluoroetha ne	50.0	61.5		ug/Kg		123	64 - 148
1,1,2-Trichloroethane	50.0	50.7		ug/Kg		101	79 - 120
1,1-Dichloroethane	50.0	47.5		ug/Kg		95	74 - 121
1,1-Dichloroethene	50.0	58.2		ug/Kg		116	68 - 141
1,2,4-Trichlorobenzene	50.0	58.3		ug/Kg		117	58 - 132
1,2-Dibromo-3-Chloropropane	50.0	57.6		ug/Kg		115	52 - 133
Ethylene Dibromide	50.0	51.3		ug/Kg		103	80 - 121
1,2-Dichlorobenzene	50.0	54.1		ug/Kg		108	73 - 120
1,2-Dichloroethane	50.0	47.2		ug/Kg		94	71 - 123
1,2-Dichloropropane	50.0	46.9		ug/Kg		94	76 - 126

Method: 8260D - Volatile Organic Compounds by GC/MS (Continued)

Lab Sample ID: LCS 240-631807/5
Matrix: Solid
Analysis Batch: 631807

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
1,3-Dichlorobenzene	50.0	51.1		ug/Kg		102	73 - 120
1,4-Dichlorobenzene	50.0	50.8		ug/Kg		102	74 - 120
2-Butanone (MEK)	100	92.8		ug/Kg		93	63 - 142
2-Hexanone	100	84.7		ug/Kg		85	65 - 142
4-Methyl-2-pentanone (MIBK)	100	99.3		ug/Kg		99	62 - 142
Acetone	100	126		ug/Kg		126	58 - 160
Benzene	50.0	46.7		ug/Kg		93	76 - 121
Dichlorobromomethane	50.0	49.6		ug/Kg		99	71 - 138
Bromoform	50.0	52.8		ug/Kg		106	57 - 140
Bromomethane	50.0	63.9		ug/Kg		128	10 - 171
Carbon disulfide	50.0	56.5		ug/Kg		113	43 - 152
Carbon tetrachloride	50.0	52.4		ug/Kg		105	64 - 144
Chlorobenzene	50.0	50.6		ug/Kg		101	80 - 120
Chloroethane	50.0	56.5		ug/Kg		113	11 - 164
Chloroform	50.0	48.5		ug/Kg		97	78 - 120
Chloromethane	50.0	50.0		ug/Kg		100	41 - 142
cis-1,2-Dichloroethene	50.0	49.0		ug/Kg		98	78 - 124
cis-1,3-Dichloropropene	50.0	43.6		ug/Kg		87	70 - 133
Cyclohexane	50.0	51.9		ug/Kg		104	65 - 137
Chlorodibromomethane	50.0	52.2		ug/Kg		104	68 - 131
Dichlorodifluoromethane	50.0	43.6		ug/Kg		87	21 - 150
Ethylbenzene	50.0	50.3		ug/Kg		101	80 - 120
Isopropylbenzene	50.0	59.6		ug/Kg		119	80 - 130
Methyl acetate	100	92.3		ug/Kg		92	60 - 133
Methyl tert-butyl ether	50.0	47.9		ug/Kg		96	70 - 130
Methylcyclohexane	50.0	50.0		ug/Kg		100	70 - 138
Methylene Chloride	50.0	57.0		ug/Kg		114	71 - 124
Styrene	50.0	50.5		ug/Kg		101	75 - 140
Tetrachloroethene	50.0	51.4		ug/Kg		103	76 - 127
Toluene	50.0	49.4		ug/Kg		99	80 - 120
trans-1,2-Dichloroethene	50.0	50.5		ug/Kg		101	76 - 130
trans-1,3-Dichloropropene	50.0	49.5		ug/Kg		99	61 - 121
Trichloroethene	50.0	50.8		ug/Kg		102	74 - 130
Trichlorofluoromethane	50.0	58.6		ug/Kg		117	50 - 154
Vinyl chloride	50.0	60.1		ug/Kg		120	49 - 146
Xylenes, Total	100	103		ug/Kg		103	80 - 122
m-Xylene & p-Xylene	50.0	50.0		ug/Kg		100	80 - 122
o-Xylene	50.0	53.1		ug/Kg		106	80 - 124

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
Toluene-d8 (Surr)	*98*		*56 - 125*
Dibromofluoromethane (Surr)	*97*		*41 - 138*
4-Bromofluorobenzene (Surr)	*93*		*41 - 143*
1,2-Dichloroethane-d4 (Surr)	*95*		*58 - 125*

Method: 8260D - Volatile Organic Compounds by GC/MS (Continued)

Lab Sample ID: 240-213229-6 MS
Matrix: Solid
Analysis Batch: 631807

Client Sample ID: SB-13-14-16
Prep Type: Total/NA
Prep Batch: 631878

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
1,1,1-Trichloroethane	ND		55.3	36.4		ug/Kg	☼	66	46 - 144
1,1,2,2-Tetrachloroethane	ND		55.3	21.1		ug/Kg	☼	38	26 - 159
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		55.3	44.6		ug/Kg	☼	81	35 - 164
1,1,2-Trichloroethane	ND		55.3	24.6		ug/Kg	☼	45	26 - 149
1,1-Dichloroethane	ND		55.3	32.7		ug/Kg	☼	59	46 - 135
1,1-Dichloroethene	ND		55.3	38.7		ug/Kg	☼	70	44 - 160
1,2,4-Trichlorobenzene	ND		55.3	7.38		ug/Kg	☼	13	10 - 120
1,2-Dibromo-3-Chloropropane	ND		55.3	14.1		ug/Kg	☼	26	12 - 144
Ethylene Dibromide	ND		55.3	17.7		ug/Kg	☼	32	31 - 142
1,2-Dichlorobenzene	ND		55.3	12.5		ug/Kg	☼	23	10 - 126
1,2-Dichloroethane	ND		55.3	27.1		ug/Kg	☼	49	40 - 132
1,2-Dichloropropane	ND		55.3	27.3		ug/Kg	☼	49	45 - 133
1,3-Dichlorobenzene	ND		55.3	12.2		ug/Kg	☼	22	10 - 131
1,4-Dichlorobenzene	ND		55.3	11.3		ug/Kg	☼	20	10 - 129
2-Butanone (MEK)	ND		111	74.9		ug/Kg	☼	68	30 - 157
2-Hexanone	ND		111	44.7		ug/Kg	☼	40	20 - 166
4-Methyl-2-pentanone (MIBK)	ND		111	71.0		ug/Kg	☼	64	31 - 159
Acetone	33		111	115		ug/Kg	☼	74	35 - 167
Benzene	ND		55.3	27.9		ug/Kg	☼	50	39 - 134
Dichlorobromomethane	ND		55.3	23.7		ug/Kg	☼	43	32 - 146
Bromoform	ND		55.3	14.3		ug/Kg	☼	26	12 - 144
Bromomethane	ND		55.3	56.9		ug/Kg	☼	103	10 - 161
Carbon disulfide	ND		55.3	33.0		ug/Kg	☼	60	24 - 153
Carbon tetrachloride	ND		55.3	29.8		ug/Kg	☼	54	37 - 145
Chlorobenzene	ND		55.3	18.4		ug/Kg	☼	33	18 - 134
Chloroethane	ND		55.3	52.0		ug/Kg	☼	94	14 - 159
Chloroform	ND		55.3	30.1		ug/Kg	☼	55	43 - 134
Chloromethane	ND		55.3	53.1		ug/Kg	☼	96	32 - 151
cis-1,2-Dichloroethene	ND		55.3	28.0		ug/Kg	☼	51	48 - 132
cis-1,3-Dichloropropene	ND		55.3	15.7		ug/Kg	☼	28	23 - 139
Cyclohexane	ND		55.3	31.6		ug/Kg	☼	57	31 - 147
Chlorodibromomethane	ND		55.3	19.0		ug/Kg	☼	34	25 - 143
Dichlorodifluoromethane	ND		55.3	38.0		ug/Kg	☼	69	16 - 157
Ethylbenzene	ND		55.3	20.7		ug/Kg	☼	37	17 - 137
Isopropylbenzene	ND		55.3	26.0		ug/Kg	☼	47	10 - 146
Methyl acetate	ND		111	78.1		ug/Kg	☼	71	13 - 164
Methyl tert-butyl ether	ND		55.3	43.0		ug/Kg	☼	78	55 - 134
Methylcyclohexane	ND		55.3	26.2		ug/Kg	☼	47	20 - 153
Methylene Chloride	ND		55.3	43.1		ug/Kg	☼	78	38 - 145
Styrene	ND		55.3	15.4		ug/Kg	☼	28	10 - 149
Tetrachloroethene	ND		55.3	23.7		ug/Kg	☼	43	19 - 147
Toluene	ND		55.3	24.2		ug/Kg	☼	44	30 - 137
trans-1,2-Dichloroethene	ND		55.3	29.1		ug/Kg	☼	53	41 - 145
trans-1,3-Dichloropropene	ND		55.3	15.0		ug/Kg	☼	27	19 - 130
Trichloroethene	ND		55.3	23.7		ug/Kg	☼	43	21 - 158
Trichlorofluoromethane	ND		55.3	44.3		ug/Kg	☼	80	36 - 161
Vinyl chloride	ND		55.3	57.2		ug/Kg	☼	104	32 - 163
Xylenes, Total	ND		111	42.1		ug/Kg	☼	38	17 - 138

Method: 8260D - Volatile Organic Compounds by GC/MS (Continued)

Lab Sample ID: 240-213229-6 MS
Matrix: Solid
Analysis Batch: 631807

Client Sample ID: SB-13-14-16
Prep Type: Total/NA
Prep Batch: 631878

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
m-Xylene & p-Xylene	ND		55.3	19.9		ug/Kg	☼	36	10 - 141
o-Xylene	ND		55.3	22.2		ug/Kg	☼	40	18 - 139

Surrogate	*MS %Recovery*	*MS Qualifier*	*Limits*
Toluene-d8 (Surr)	*103*		*56 - 125*
Dibromofluoromethane (Surr)	*101*		*41 - 138*
4-Bromofluorobenzene (Surr)	*96*		*41 - 143*
1,2-Dichloroethane-d4 (Surr)	*101*		*58 - 125*

Lab Sample ID: 240-213229-6 MSD
Matrix: Solid
Analysis Batch: 631807

Client Sample ID: SB-13-14-16
Prep Type: Total/NA
Prep Batch: 631878

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
1,1,1-Trichloroethane	ND		54.8	39.1		ug/Kg	☼	71	46 - 144	7	37
1,1,2,2-Tetrachloroethane	ND		54.8	23.2		ug/Kg	☼	42	26 - 159	9	40
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		54.8	42.8		ug/Kg	☼	78	35 - 164	4	37
1,1,2-Trichloroethane	ND		54.8	25.1		ug/Kg	☼	46	26 - 149	2	40
1,1-Dichloroethane	ND		54.8	32.4		ug/Kg	☼	59	46 - 135	1	36
1,1-Dichloroethene	ND		54.8	37.1		ug/Kg	☼	68	44 - 160	4	37
1,2,4-Trichlorobenzene	ND		54.8	10.2		ug/Kg	☼	19	10 - 120	32	40
1,2-Dibromo-3-Chloropropane	ND		54.8	17.0		ug/Kg	☼	31	12 - 144	18	40
Ethylene Dibromide	ND		54.8	19.5		ug/Kg	☼	36	31 - 142	10	40
1,2-Dichlorobenzene	ND		54.8	15.4		ug/Kg	☼	28	10 - 126	21	40
1,2-Dichloroethane	ND		54.8	27.1		ug/Kg	☼	49	40 - 132	0	35
1,2-Dichloropropane	ND		54.8	27.1		ug/Kg	☼	49	45 - 133	1	37
1,3-Dichlorobenzene	ND		54.8	14.7		ug/Kg	☼	27	10 - 131	18	40
1,4-Dichlorobenzene	ND		54.8	14.1		ug/Kg	☼	26	10 - 129	22	40
2-Butanone (MEK)	ND		110	80.0		ug/Kg	☼	73	30 - 157	7	40
2-Hexanone	ND		110	44.4		ug/Kg	☼	40	20 - 166	1	40
4-Methyl-2-pentanone (MIBK)	ND		110	72.1		ug/Kg	☼	66	31 - 159	2	40
Acetone	33		110	122		ug/Kg	☼	81	35 - 167	6	40
Benzene	ND		54.8	28.0		ug/Kg	☼	51	39 - 134	0	40
Dichlorobromomethane	ND		54.8	24.2		ug/Kg	☼	44	32 - 146	2	39
Bromoform	ND		54.8	15.3		ug/Kg	☼	28	12 - 144	6	40
Bromomethane	ND		54.8	55.5		ug/Kg	☼	101	10 - 161	3	40
Carbon disulfide	ND		54.8	33.8		ug/Kg	☼	62	24 - 153	2	40
Carbon tetrachloride	ND		54.8	32.3		ug/Kg	☼	59	37 - 145	8	38
Chlorobenzene	ND		54.8	20.1		ug/Kg	☼	37	18 - 134	9	40
Chloroethane	ND		54.8	49.9		ug/Kg	☼	91	14 - 159	4	40
Chloroform	ND		54.8	30.0		ug/Kg	☼	55	43 - 134	0	36
Chloromethane	ND		54.8	50.3		ug/Kg	☼	92	32 - 151	5	38
cis-1,2-Dichloroethene	ND		54.8	28.2		ug/Kg	☼	51	48 - 132	1	37
cis-1,3-Dichloropropene	ND		54.8	16.6		ug/Kg	☼	30	23 - 139	5	39
Cyclohexane	ND		54.8	31.5		ug/Kg	☼	57	31 - 147	0	39
Chlorodibromomethane	ND		54.8	20.5		ug/Kg	☼	37	25 - 143	7	40
Dichlorodifluoromethane	ND		54.8	36.4		ug/Kg	☼	66	16 - 157	4	40
Ethylbenzene	ND		54.8	21.8		ug/Kg	☼	40	17 - 137	5	40

Method: 8260D - Volatile Organic Compounds by GC/MS (Continued)

Lab Sample ID: 240-213229-6 MSD
Matrix: Solid
Analysis Batch: 631807

Client Sample ID: SB-13-14-16
Prep Type: Total/NA
Prep Batch: 631878

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Isopropylbenzene	ND		54.8	27.5		ug/Kg	☼	50	10 - 146	6	40
Methyl acetate	ND		110	78.1		ug/Kg	☼	71	13 - 164	0	40
Methyl tert-butyl ether	ND		54.8	42.3		ug/Kg	☼	77	55 - 134	2	37
Methylcyclohexane	ND		54.8	26.5		ug/Kg	☼	48	20 - 153	1	40
Methylene Chloride	ND		54.8	44.2		ug/Kg	☼	81	38 - 145	3	40
Styrene	ND		54.8	16.8		ug/Kg	☼	31	10 - 149	9	40
Tetrachloroethene	ND		54.8	24.6		ug/Kg	☼	45	19 - 147	4	40
Toluene	ND		54.8	25.1		ug/Kg	☼	46	30 - 137	4	40
trans-1,2-Dichloroethene	ND		54.8	29.6		ug/Kg	☼	54	41 - 145	2	37
trans-1,3-Dichloropropene	ND		54.8	16.2		ug/Kg	☼	29	19 - 130	8	40
Trichloroethene	ND		54.8	24.3		ug/Kg	☼	44	21 - 158	3	40
Trichlorofluoromethane	ND		54.8	42.7		ug/Kg	☼	78	36 - 161	4	40
Vinyl chloride	ND		54.8	55.0		ug/Kg	☼	100	32 - 163	4	38
Xylenes, Total	ND		110	44.4		ug/Kg	☼	40	17 - 138	5	40
m-Xylene & p-Xylene	ND		54.8	21.1		ug/Kg	☼	38	10 - 141	6	40
o-Xylene	ND		54.8	23.3		ug/Kg	☼	42	18 - 139	5	40

Surrogate	*MSD %Recovery*	*MSD Qualifier*	*Limits*
Toluene-d8 (Surr)	*104*		*56 - 125*
Dibromofluoromethane (Surr)	*102*		*41 - 138*
4-Bromofluorobenzene (Surr)	*97*		*41 - 143*
1,2-Dichloroethane-d4 (Surr)	*100*		*58 - 125*

Lab Sample ID: MB 240-632050/9
Matrix: Water
Analysis Batch: 632050

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		1.0	0.48	ug/L			10/23/24 14:31	1
1,1,2,2-Tetrachloroethane	ND		1.0	0.60	ug/L			10/23/24 14:31	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		1.0	0.41	ug/L			10/23/24 14:31	1
1,1,2-Trichloroethane	ND		1.0	0.48	ug/L			10/23/24 14:31	1
1,1-Dichloroethane	ND		1.0	0.47	ug/L			10/23/24 14:31	1
1,1-Dichloroethene	ND		1.0	0.49	ug/L			10/23/24 14:31	1
1,2,4-Trichlorobenzene	ND		1.0	0.77	ug/L			10/23/24 14:31	1
1,2-Dibromo-3-Chloropropane	ND		2.0	0.91	ug/L			10/23/24 14:31	1
Ethylene Dibromide	ND		1.0	0.41	ug/L			10/23/24 14:31	1
1,2-Dichlorobenzene	ND		1.0	0.48	ug/L			10/23/24 14:31	1
1,2-Dichloroethane	ND		1.0	0.46	ug/L			10/23/24 14:31	1
1,2-Dichloropropane	ND		1.0	0.47	ug/L			10/23/24 14:31	1
1,3-Dichlorobenzene	ND		1.0	0.45	ug/L			10/23/24 14:31	1
1,4-Dichlorobenzene	ND		1.0	0.41	ug/L			10/23/24 14:31	1
2-Butanone (MEK)	ND		10	1.2	ug/L			10/23/24 14:31	1
2-Hexanone	ND		10	1.1	ug/L			10/23/24 14:31	1
4-Methyl-2-pentanone (MIBK)	ND		10	0.99	ug/L			10/23/24 14:31	1
Acetone	ND		10	5.4	ug/L			10/23/24 14:31	1
Benzene	ND		1.0	0.42	ug/L			10/23/24 14:31	1
Dichlorobromomethane	ND		1.0	0.38	ug/L			10/23/24 14:31	1

Method: 8260D - Volatile Organic Compounds by GC/MS (Continued)

Lab Sample ID: MB 240-632050/9
Matrix: Water
Analysis Batch: 632050

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Bromoform	ND		1.0	0.76	ug/L			10/23/24 14:31	1
Bromomethane	ND		1.0	0.42	ug/L			10/23/24 14:31	1
Carbon disulfide	ND		1.0	0.59	ug/L			10/23/24 14:31	1
Carbon tetrachloride	ND		1.0	0.26	ug/L			10/23/24 14:31	1
Chlorobenzene	ND		1.0	0.38	ug/L			10/23/24 14:31	1
Chloroethane	ND		1.0	0.83	ug/L			10/23/24 14:31	1
Chloroform	ND		1.0	0.47	ug/L			10/23/24 14:31	1
Chloromethane	ND		1.0	0.63	ug/L			10/23/24 14:31	1
cis-1,2-Dichloroethene	ND		1.0	0.46	ug/L			10/23/24 14:31	1
cis-1,3-Dichloropropene	ND		1.0	0.61	ug/L			10/23/24 14:31	1
Cyclohexane	ND		1.0	0.48	ug/L			10/23/24 14:31	1
Chlorodibromomethane	ND		1.0	0.39	ug/L			10/23/24 14:31	1
Dichlorodifluoromethane	ND		1.0	0.35	ug/L			10/23/24 14:31	1
Ethylbenzene	ND		1.0	0.42	ug/L			10/23/24 14:31	1
Isopropylbenzene	ND		1.0	0.49	ug/L			10/23/24 14:31	1
Methyl acetate	ND		10	1.7	ug/L			10/23/24 14:31	1
Methyl tert-butyl ether	ND		1.0	0.47	ug/L			10/23/24 14:31	1
Methylcyclohexane	ND		1.0	0.33	ug/L			10/23/24 14:31	1
Methylene Chloride	ND		5.0	2.6	ug/L			10/23/24 14:31	1
Styrene	ND		1.0	0.45	ug/L			10/23/24 14:31	1
Tetrachloroethene	ND		1.0	0.44	ug/L			10/23/24 14:31	1
Toluene	ND		1.0	0.44	ug/L			10/23/24 14:31	1
trans-1,2-Dichloroethene	ND		1.0	0.51	ug/L			10/23/24 14:31	1
trans-1,3-Dichloropropene	ND		1.0	0.67	ug/L			10/23/24 14:31	1
Trichloroethene	ND		1.0	0.44	ug/L			10/23/24 14:31	1
Trichlorofluoromethane	ND		1.0	0.45	ug/L			10/23/24 14:31	1
Vinyl chloride	ND		1.0	0.45	ug/L			10/23/24 14:31	1
Xylenes, Total	ND		2.0	0.42	ug/L			10/23/24 14:31	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Toluene-d8 (Surr)	*88*		*78 - 122*		*10/23/24 14:31*	*1*
Dibromofluoromethane (Surr)	*98*		*73 - 120*		*10/23/24 14:31*	*1*
4-Bromofluorobenzene (Surr)	*88*		*56 - 136*		*10/23/24 14:31*	*1*
1,2-Dichloroethane-d4 (Surr)	*91*		*62 - 137*		*10/23/24 14:31*	*1*

Lab Sample ID: LCS 240-632050/5
Matrix: Water
Analysis Batch: 632050

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
1,1,1-Trichloroethane	20.0	18.9		ug/L		94	64 - 131
1,1,2,2-Tetrachloroethane	20.0	13.5		ug/L		67	58 - 157
1,1,2-Trichloro-1,2,2-trifluoroethane	20.0	18.5		ug/L		92	51 - 146
1,1,2-Trichloroethane	20.0	16.8		ug/L		84	70 - 138
1,1-Dichloroethane	20.0	16.9		ug/L		85	72 - 127
1,1-Dichloroethene	20.0	18.1		ug/L		90	63 - 134
1,2,4-Trichlorobenzene	20.0	16.1		ug/L		81	44 - 147
1,2-Dibromo-3-Chloropropane	20.0	15.3		ug/L		76	53 - 135

Method: 8260D - Volatile Organic Compounds by GC/MS (Continued)

Lab Sample ID: LCS 240-632050/5
Matrix: Water
Analysis Batch: 632050

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Ethylene Dibromide	20.0	18.3		ug/L		91	71 - 134
1,2-Dichlorobenzene	20.0	16.8		ug/L		84	78 - 120
1,2-Dichloroethane	20.0	16.8		ug/L		84	66 - 128
1,2-Dichloropropane	20.0	16.8		ug/L		84	75 - 133
1,3-Dichlorobenzene	20.0	17.8		ug/L		89	80 - 120
1,4-Dichlorobenzene	20.0	17.1		ug/L		85	80 - 120
2-Butanone (MEK)	40.0	33.2		ug/L		83	54 - 156
2-Hexanone	40.0	30.0		ug/L		75	43 - 167
4-Methyl-2-pentanone (MIBK)	40.0	31.5		ug/L		79	46 - 158
Acetone	40.0	30.8		ug/L		77	50 - 149
Benzene	20.0	17.7		ug/L		89	77 - 123
Dichlorobromomethane	20.0	17.2		ug/L		86	69 - 126
Bromoform	20.0	18.7		ug/L		94	57 - 129
Bromomethane	20.0	24.8		ug/L		124	36 - 142
Carbon disulfide	20.0	16.6		ug/L		83	43 - 140
Carbon tetrachloride	20.0	19.9		ug/L		99	55 - 137
Chlorobenzene	20.0	18.5		ug/L		92	80 - 121
Chloroethane	20.0	24.2		ug/L		121	38 - 152
Chloroform	20.0	16.9		ug/L		85	74 - 122
Chloromethane	20.0	13.8		ug/L		69	47 - 143
cis-1,2-Dichloroethene	20.0	18.6		ug/L		93	77 - 123
cis-1,3-Dichloropropene	20.0	17.4		ug/L		87	64 - 130
Cyclohexane	20.0	17.7		ug/L		88	58 - 146
Chlorodibromomethane	20.0	19.0		ug/L		95	70 - 124
Dichlorodifluoromethane	20.0	11.0		ug/L		55	34 - 153
Ethylbenzene	20.0	20.4		ug/L		102	80 - 121
Isopropylbenzene	20.0	21.4		ug/L		107	74 - 128
Methyl acetate	40.0	27.1		ug/L		68	42 - 169
Methyl tert-butyl ether	20.0	18.0		ug/L		90	65 - 126
Methylcyclohexane	20.0	21.1		ug/L		105	62 - 136
Methylene Chloride	20.0	16.8		ug/L		84	71 - 125
Styrene	20.0	20.8		ug/L		104	80 - 135
Tetrachloroethene	20.0	20.5		ug/L		103	76 - 123
Toluene	20.0	17.5		ug/L		88	80 - 123
trans-1,2-Dichloroethene	20.0	18.0		ug/L		90	75 - 124
trans-1,3-Dichloropropene	20.0	18.0		ug/L		90	57 - 129
Trichloroethene	20.0	21.0		ug/L		105	70 - 122
Trichlorofluoromethane	20.0	22.7		ug/L		114	30 - 170
Vinyl chloride	20.0	17.3		ug/L		87	60 - 144
Xylenes, Total	40.0	39.2		ug/L		98	80 - 121
m-Xylene & p-Xylene	20.0	19.0		ug/L		95	80 - 120
o-Xylene	20.0	20.2		ug/L		101	80 - 123

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
Toluene-d8 (Surr)	*93*		*78 - 122*
Dibromofluoromethane (Surr)	*97*		*73 - 120*
4-Bromofluorobenzene (Surr)	*97*		*56 - 136*
1,2-Dichloroethane-d4 (Surr)	*88*		*62 - 137*

Method: 8260D - Volatile Organic Compounds by GC/MS (Continued)

Lab Sample ID: MB 240-632542/9
Matrix: Water
Analysis Batch: 632542

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		1.0	0.48	ug/L			10/25/24 16:30	1
1,1,2,2-Tetrachloroethane	ND		1.0	0.60	ug/L			10/25/24 16:30	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		1.0	0.41	ug/L			10/25/24 16:30	1
1,1,2-Trichloroethane	ND		1.0	0.48	ug/L			10/25/24 16:30	1
1,1-Dichloroethane	ND		1.0	0.47	ug/L			10/25/24 16:30	1
1,1-Dichloroethene	ND		1.0	0.49	ug/L			10/25/24 16:30	1
1,2,4-Trichlorobenzene	ND		1.0	0.77	ug/L			10/25/24 16:30	1
1,2-Dibromo-3-Chloropropane	ND		2.0	0.91	ug/L			10/25/24 16:30	1
Ethylene Dibromide	ND		1.0	0.41	ug/L			10/25/24 16:30	1
1,2-Dichlorobenzene	ND		1.0	0.48	ug/L			10/25/24 16:30	1
1,2-Dichloroethane	ND		1.0	0.46	ug/L			10/25/24 16:30	1
1,2-Dichloropropane	ND		1.0	0.47	ug/L			10/25/24 16:30	1
1,3-Dichlorobenzene	ND		1.0	0.45	ug/L			10/25/24 16:30	1
1,4-Dichlorobenzene	ND		1.0	0.41	ug/L			10/25/24 16:30	1
2-Butanone (MEK)	ND		10	1.2	ug/L			10/25/24 16:30	1
2-Hexanone	ND		10	1.1	ug/L			10/25/24 16:30	1
4-Methyl-2-pentanone (MIBK)	ND		10	0.99	ug/L			10/25/24 16:30	1
Acetone	7.45	J	10	5.4	ug/L			10/25/24 16:30	1
Benzene	ND		1.0	0.42	ug/L			10/25/24 16:30	1
Dichlorobromomethane	ND		1.0	0.38	ug/L			10/25/24 16:30	1
Bromoform	ND		1.0	0.76	ug/L			10/25/24 16:30	1
Bromomethane	ND		1.0	0.42	ug/L			10/25/24 16:30	1
Carbon disulfide	ND		1.0	0.59	ug/L			10/25/24 16:30	1
Carbon tetrachloride	ND		1.0	0.26	ug/L			10/25/24 16:30	1
Chlorobenzene	ND		1.0	0.38	ug/L			10/25/24 16:30	1
Chloroethane	ND		1.0	0.83	ug/L			10/25/24 16:30	1
Chloroform	ND		1.0	0.47	ug/L			10/25/24 16:30	1
Chloromethane	ND		1.0	0.63	ug/L			10/25/24 16:30	1
cis-1,2-Dichloroethene	ND		1.0	0.46	ug/L			10/25/24 16:30	1
cis-1,3-Dichloropropene	ND		1.0	0.61	ug/L			10/25/24 16:30	1
Cyclohexane	ND		1.0	0.48	ug/L			10/25/24 16:30	1
Chlorodibromomethane	ND		1.0	0.39	ug/L			10/25/24 16:30	1
Dichlorodifluoromethane	ND		1.0	0.35	ug/L			10/25/24 16:30	1
Ethylbenzene	ND		1.0	0.42	ug/L			10/25/24 16:30	1
Isopropylbenzene	ND		1.0	0.49	ug/L			10/25/24 16:30	1
Methyl acetate	ND		10	1.7	ug/L			10/25/24 16:30	1
Methyl tert-butyl ether	ND		1.0	0.47	ug/L			10/25/24 16:30	1
Methylcyclohexane	ND		1.0	0.33	ug/L			10/25/24 16:30	1
Methylene Chloride	4.73	J	5.0	2.6	ug/L			10/25/24 16:30	1
Styrene	ND		1.0	0.45	ug/L			10/25/24 16:30	1
Tetrachloroethene	ND		1.0	0.44	ug/L			10/25/24 16:30	1
Toluene	0.452	J	1.0	0.44	ug/L			10/25/24 16:30	1
trans-1,2-Dichloroethene	ND		1.0	0.51	ug/L			10/25/24 16:30	1
trans-1,3-Dichloropropene	ND		1.0	0.67	ug/L			10/25/24 16:30	1
Trichloroethene	ND		1.0	0.44	ug/L			10/25/24 16:30	1
Trichlorofluoromethane	ND		1.0	0.45	ug/L			10/25/24 16:30	1
Vinyl chloride	ND		1.0	0.45	ug/L			10/25/24 16:30	1
Xylenes, Total	ND		2.0	0.42	ug/L			10/25/24 16:30	1

Method: 8260D - Volatile Organic Compounds by GC/MS (Continued)

Lab Sample ID: MB 240-632542/9
Matrix: Water
Analysis Batch: 632542

Client Sample ID: Method Blank
Prep Type: Total/NA

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
Toluene-d8 (Surr)	*96*		*78 - 122*		*10/25/24 16:30*	*1*
Dibromofluoromethane (Surr)	*90*		*73 - 120*		*10/25/24 16:30*	*1*
4-Bromofluorobenzene (Surr)	*94*		*56 - 136*		*10/25/24 16:30*	*1*
1,2-Dichloroethane-d4 (Surr)	*99*		*62 - 137*		*10/25/24 16:30*	*1*

Lab Sample ID: LCS 240-632542/6
Matrix: Water
Analysis Batch: 632542

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
1,1,1-Trichloroethane	50.0	42.4		ug/L		85	64 - 131
1,1,2,2-Tetrachloroethane	50.0	44.3		ug/L		89	58 - 157
1,1,2-Trichloro-1,2,2-trifluoroethane	50.0	38.0		ug/L		76	51 - 146
1,1,2-Trichloroethane	50.0	43.6		ug/L		87	70 - 138
1,1-Dichloroethane	50.0	40.8		ug/L		82	72 - 127
1,1-Dichloroethene	50.0	37.4		ug/L		75	63 - 134
1,2,4-Trichlorobenzene	50.0	41.0		ug/L		82	44 - 147
1,2-Dibromo-3-Chloropropane	50.0	45.4		ug/L		91	53 - 135
Ethylene Dibromide	50.0	44.5		ug/L		89	71 - 134
1,2-Dichlorobenzene	50.0	41.3		ug/L		83	78 - 120
1,2-Dichloroethane	50.0	41.4		ug/L		83	66 - 128
1,2-Dichloropropane	50.0	40.8		ug/L		82	75 - 133
1,3-Dichlorobenzene	50.0	40.2		ug/L		80	80 - 120
1,4-Dichlorobenzene	50.0	40.4		ug/L		81	80 - 120
2-Butanone (MEK)	100	85.1		ug/L		85	54 - 156
2-Hexanone	100	95.3		ug/L		95	43 - 167
4-Methyl-2-pentanone (MIBK)	100	92.1		ug/L		92	46 - 158
Acetone	100	92.9		ug/L		93	50 - 149
Benzene	50.0	40.5		ug/L		81	77 - 123
Dichlorobromomethane	50.0	43.1		ug/L		86	69 - 126
Bromoform	50.0	49.9		ug/L		100	57 - 129
Bromomethane	50.0	46.3		ug/L		93	36 - 142
Carbon disulfide	50.0	38.9		ug/L		78	43 - 140
Carbon tetrachloride	50.0	41.7		ug/L		83	55 - 137
Chlorobenzene	50.0	41.1		ug/L		82	80 - 121
Chloroethane	50.0	42.7		ug/L		85	38 - 152
Chloroform	50.0	38.7		ug/L		77	74 - 122
Chloromethane	50.0	44.8		ug/L		90	47 - 143
cis-1,2-Dichloroethene	50.0	41.0		ug/L		82	77 - 123
cis-1,3-Dichloropropene	50.0	41.6		ug/L		83	64 - 130
Cyclohexane	50.0	39.4		ug/L		79	58 - 146
Chlorodibromomethane	50.0	43.6		ug/L		87	70 - 124
Dichlorodifluoromethane	50.0	41.5		ug/L		83	34 - 153
Ethylbenzene	50.0	40.7		ug/L		81	80 - 121
Isopropylbenzene	50.0	47.2		ug/L		94	74 - 128
Methyl acetate	100	85.5		ug/L		85	42 - 169
Methyl tert-butyl ether	50.0	41.2		ug/L		82	65 - 126
Methylcyclohexane	50.0	39.0		ug/L		78	62 - 136

Method: 8260D - Volatile Organic Compounds by GC/MS (Continued)

Lab Sample ID: LCS 240-632542/6
Matrix: Water
Analysis Batch: 632542

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Methylene Chloride	50.0	47.0		ug/L		94	71 - 125
Styrene	50.0	43.8		ug/L		88	80 - 135
Tetrachloroethene	50.0	39.4		ug/L		79	76 - 123
Toluene	50.0	40.2		ug/L		80	80 - 123
trans-1,2-Dichloroethene	50.0	39.2		ug/L		78	75 - 124
trans-1,3-Dichloropropene	50.0	46.8		ug/L		94	57 - 129
Trichloroethene	50.0	39.9		ug/L		80	70 - 122
Trichlorofluoromethane	50.0	56.7		ug/L		113	30 - 170
Vinyl chloride	50.0	50.9		ug/L		102	60 - 144
Xylenes, Total	100	83.3		ug/L		83	80 - 121
m-Xylene & p-Xylene	50.0	40.9		ug/L		82	80 - 120
o-Xylene	50.0	42.4		ug/L		85	80 - 123

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
Toluene-d8 (Surr)	*96*		*78 - 122*
Dibromofluoromethane (Surr)	*96*		*73 - 120*
4-Bromofluorobenzene (Surr)	*99*		*56 - 136*
1,2-Dichloroethane-d4 (Surr)	*94*		*62 - 137*

Lab Sample ID: MB 240-632574/7
Matrix: Water
Analysis Batch: 632574

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		1.0	0.48	ug/L			10/26/24 08:57	1
1,1,2,2-Tetrachloroethane	ND		1.0	0.60	ug/L			10/26/24 08:57	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		1.0	0.41	ug/L			10/26/24 08:57	1
1,1,2-Trichloroethane	ND		1.0	0.48	ug/L			10/26/24 08:57	1
1,1-Dichloroethane	ND		1.0	0.47	ug/L			10/26/24 08:57	1
1,1-Dichloroethene	ND		1.0	0.49	ug/L			10/26/24 08:57	1
1,2,4-Trichlorobenzene	ND		1.0	0.77	ug/L			10/26/24 08:57	1
1,2-Dibromo-3-Chloropropane	ND		2.0	0.91	ug/L			10/26/24 08:57	1
Ethylene Dibromide	ND		1.0	0.41	ug/L			10/26/24 08:57	1
1,2-Dichlorobenzene	ND		1.0	0.48	ug/L			10/26/24 08:57	1
1,2-Dichloroethane	ND		1.0	0.46	ug/L			10/26/24 08:57	1
1,2-Dichloropropane	ND		1.0	0.47	ug/L			10/26/24 08:57	1
1,3-Dichlorobenzene	ND		1.0	0.45	ug/L			10/26/24 08:57	1
1,4-Dichlorobenzene	ND		1.0	0.41	ug/L			10/26/24 08:57	1
2-Butanone (MEK)	ND		10	1.2	ug/L			10/26/24 08:57	1
2-Hexanone	ND		10	1.1	ug/L			10/26/24 08:57	1
4-Methyl-2-pentanone (MIBK)	ND		10	0.99	ug/L			10/26/24 08:57	1
Acetone	ND		10	5.4	ug/L			10/26/24 08:57	1
Benzene	ND		1.0	0.42	ug/L			10/26/24 08:57	1
Dichlorobromomethane	ND		1.0	0.38	ug/L			10/26/24 08:57	1
Bromoform	ND		1.0	0.76	ug/L			10/26/24 08:57	1
Bromomethane	ND		1.0	0.42	ug/L			10/26/24 08:57	1
Carbon disulfide	ND		1.0	0.59	ug/L			10/26/24 08:57	1
Carbon tetrachloride	ND		1.0	0.26	ug/L			10/26/24 08:57	1

Method: 8260D - Volatile Organic Compounds by GC/MS (Continued)

Lab Sample ID: MB 240-632574/7
Matrix: Water
Analysis Batch: 632574

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chlorobenzene	ND		1.0	0.38	ug/L			10/26/24 08:57	1
Chloroethane	ND		1.0	0.83	ug/L			10/26/24 08:57	1
Chloroform	ND		1.0	0.47	ug/L			10/26/24 08:57	1
Chloromethane	ND		1.0	0.63	ug/L			10/26/24 08:57	1
cis-1,2-Dichloroethene	ND		1.0	0.46	ug/L			10/26/24 08:57	1
cis-1,3-Dichloropropene	ND		1.0	0.61	ug/L			10/26/24 08:57	1
Cyclohexane	ND		1.0	0.48	ug/L			10/26/24 08:57	1
Chlorodibromomethane	ND		1.0	0.39	ug/L			10/26/24 08:57	1
Dichlorodifluoromethane	ND		1.0	0.35	ug/L			10/26/24 08:57	1
Ethylbenzene	ND		1.0	0.42	ug/L			10/26/24 08:57	1
Isopropylbenzene	ND		1.0	0.49	ug/L			10/26/24 08:57	1
Methyl acetate	ND		10	1.7	ug/L			10/26/24 08:57	1
Methyl tert-butyl ether	ND		1.0	0.47	ug/L			10/26/24 08:57	1
Methylcyclohexane	ND		1.0	0.33	ug/L			10/26/24 08:57	1
Methylene Chloride	ND		5.0	2.6	ug/L			10/26/24 08:57	1
Styrene	ND		1.0	0.45	ug/L			10/26/24 08:57	1
Tetrachloroethene	ND		1.0	0.44	ug/L			10/26/24 08:57	1
Toluene	ND		1.0	0.44	ug/L			10/26/24 08:57	1
trans-1,2-Dichloroethene	ND		1.0	0.51	ug/L			10/26/24 08:57	1
trans-1,3-Dichloropropene	ND		1.0	0.67	ug/L			10/26/24 08:57	1
Trichloroethene	ND		1.0	0.44	ug/L			10/26/24 08:57	1
Trichlorofluoromethane	ND		1.0	0.45	ug/L			10/26/24 08:57	1
Vinyl chloride	ND		1.0	0.45	ug/L			10/26/24 08:57	1
Xylenes, Total	ND		2.0	0.42	ug/L			10/26/24 08:57	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Toluene-d8 (Surr)	*102*		*78 - 122*		*10/26/24 08:57*	*1*
Dibromofluoromethane (Surr)	*100*		*73 - 120*		*10/26/24 08:57*	*1*
4-Bromofluorobenzene (Surr)	*90*		*56 - 136*		*10/26/24 08:57*	*1*
1,2-Dichloroethane-d4 (Surr)	*119*		*62 - 137*		*10/26/24 08:57*	*1*

Lab Sample ID: LCS 240-632574/4
Matrix: Water
Analysis Batch: 632574

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
1,1,1-Trichloroethane	25.0	23.9		ug/L		95	64 - 131
1,1,2,2-Tetrachloroethane	25.0	23.9		ug/L		95	58 - 157
1,1,2-Trichloro-1,2,2-trifluoroethane	25.0	23.5		ug/L		94	51 - 146
1,1,2-Trichloroethane	25.0	22.6		ug/L		90	70 - 138
1,1-Dichloroethane	25.0	22.8		ug/L		91	72 - 127
1,1-Dichloroethene	25.0	22.1		ug/L		88	63 - 134
1,2,4-Trichlorobenzene	25.0	18.5		ug/L		74	44 - 147
1,2-Dibromo-3-Chloropropane	25.0	14.7		ug/L		59	53 - 135
Ethylene Dibromide	25.0	22.6		ug/L		90	71 - 134
1,2-Dichlorobenzene	25.0	23.4		ug/L		94	78 - 120
1,2-Dichloroethane	25.0	26.1		ug/L		104	66 - 128
1,2-Dichloropropane	25.0	24.8		ug/L		99	75 - 133

Method: 8260D - Volatile Organic Compounds by GC/MS (Continued)

Lab Sample ID: LCS 240-632574/4
Matrix: Water
Analysis Batch: 632574

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
1,3-Dichlorobenzene	25.0	23.1		ug/L		92	80 - 120
1,4-Dichlorobenzene	25.0	23.1		ug/L		92	80 - 120
2-Butanone (MEK)	50.0	47.1		ug/L		94	54 - 156
2-Hexanone	50.0	56.5		ug/L		113	43 - 167
4-Methyl-2-pentanone (MIBK)	50.0	56.4		ug/L		113	46 - 158
Acetone	50.0	45.8		ug/L		92	50 - 149
Benzene	25.0	23.9		ug/L		96	77 - 123
Dichlorobromomethane	25.0	21.2		ug/L		85	69 - 126
Bromoform	25.0	18.0		ug/L		72	57 - 129
Bromomethane	12.5	15.0		ug/L		120	36 - 142
Carbon disulfide	25.0	22.1		ug/L		88	43 - 140
Carbon tetrachloride	25.0	23.3		ug/L		93	55 - 137
Chlorobenzene	25.0	23.2		ug/L		93	80 - 121
Chloroethane	12.5	18.0		ug/L		144	38 - 152
Chloroform	25.0	22.7		ug/L		91	74 - 122
Chloromethane	12.5	16.5		ug/L		132	47 - 143
cis-1,2-Dichloroethene	25.0	22.9		ug/L		92	77 - 123
cis-1,3-Dichloropropene	25.0	24.3		ug/L		97	64 - 130
Cyclohexane	25.0	27.0		ug/L		108	58 - 146
Chlorodibromomethane	25.0	19.7		ug/L		79	70 - 124
Dichlorodifluoromethane	12.5	9.55		ug/L		76	34 - 153
Ethylbenzene	25.0	25.0		ug/L		100	80 - 121
Isopropylbenzene	25.0	31.7		ug/L		127	74 - 128
Methyl acetate	50.0	44.9		ug/L		90	42 - 169
Methyl tert-butyl ether	25.0	25.9		ug/L		104	65 - 126
Methylcyclohexane	25.0	28.6		ug/L		114	62 - 136
Methylene Chloride	25.0	23.9		ug/L		95	71 - 125
Styrene	25.0	25.9		ug/L		104	80 - 135
Tetrachloroethene	25.0	23.6		ug/L		94	76 - 123
Toluene	25.0	23.4		ug/L		94	80 - 123
trans-1,2-Dichloroethene	25.0	22.4		ug/L		89	75 - 124
trans-1,3-Dichloropropene	25.0	26.3		ug/L		105	57 - 129
Trichloroethene	25.0	20.1		ug/L		80	70 - 122
Trichlorofluoromethane	12.5	13.0		ug/L		104	30 - 170
Vinyl chloride	12.5	14.1		ug/L		113	60 - 144
Xylenes, Total	50.0	53.7		ug/L		107	80 - 121
m-Xylene & p-Xylene	25.0	26.3		ug/L		105	80 - 120
o-Xylene	25.0	27.4		ug/L		109	80 - 123

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
Toluene-d8 (Surr)	*101*		*78 - 122*
Dibromofluoromethane (Surr)	*99*		*73 - 120*
4-Bromofluorobenzene (Surr)	*105*		*56 - 136*
1,2-Dichloroethane-d4 (Surr)	*107*		*62 - 137*

Method: 8270E - Semivolatile Organic Compounds (GC/MS)

Lab Sample ID: MB 240-631401/1-A
Matrix: Water
Analysis Batch: 631580

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 631401

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1'-Biphenyl	ND		1.0	0.49	ug/L		10/18/24 08:24	10/21/24 09:44	1
bis (2-chloroisopropyl) ether	ND		1.0	0.24	ug/L		10/18/24 08:24	10/21/24 09:44	1
2,4,5-Trichlorophenol	ND		5.0	2.0	ug/L		10/18/24 08:24	10/21/24 09:44	1
2,4,6-Trichlorophenol	ND		5.0	1.8	ug/L		10/18/24 08:24	10/21/24 09:44	1
2,4-Dichlorophenol	ND		2.0	0.26	ug/L		10/18/24 08:24	10/21/24 09:44	1
2,4-Dimethylphenol	ND		2.0	0.25	ug/L		10/18/24 08:24	10/21/24 09:44	1
2,4-Dinitrophenol	ND		10	2.6	ug/L		10/18/24 08:24	10/21/24 09:44	1
2,4-Dinitrotoluene	ND		5.0	2.1	ug/L		10/18/24 08:24	10/21/24 09:44	1
2,6-Dinitrotoluene	ND		5.0	1.1	ug/L		10/18/24 08:24	10/21/24 09:44	1
2-Chloronaphthalene	ND		1.0	0.23	ug/L		10/18/24 08:24	10/21/24 09:44	1
2-Chlorophenol	ND		1.0	0.27	ug/L		10/18/24 08:24	10/21/24 09:44	1
2-Methylnaphthalene	0.209		0.20	0.11	ug/L		10/18/24 08:24	10/21/24 09:44	1
2-Methylphenol	ND		1.0	0.21	ug/L		10/18/24 08:24	10/21/24 09:44	1
2-Nitroaniline	ND		2.0	0.51	ug/L		10/18/24 08:24	10/21/24 09:44	1
2-Nitrophenol	ND		2.0	0.56	ug/L		10/18/24 08:24	10/21/24 09:44	1
3,3'-Dichlorobenzidine	ND		5.0	1.2	ug/L		10/18/24 08:24	10/21/24 09:44	1
3-Nitroaniline	ND		2.0	0.57	ug/L		10/18/24 08:24	10/21/24 09:44	1
4,6-Dinitro-2-methylphenol	ND		5.0	2.8	ug/L		10/18/24 08:24	10/21/24 09:44	1
4-Bromophenyl phenyl ether	ND		2.0	0.50	ug/L		10/18/24 08:24	10/21/24 09:44	1
4-Chloro-3-methylphenol	ND		2.0	0.30	ug/L		10/18/24 08:24	10/21/24 09:44	1
4-Chloroaniline	ND		2.0	0.32	ug/L		10/18/24 08:24	10/21/24 09:44	1
4-Chlorophenyl phenyl ether	ND		2.0	0.55	ug/L		10/18/24 08:24	10/21/24 09:44	1
4-Nitroaniline	ND		2.0	0.33	ug/L		10/18/24 08:24	10/21/24 09:44	1
4-Nitrophenol	ND		10	2.2	ug/L		10/18/24 08:24	10/21/24 09:44	1
Acenaphthene	ND		0.20	0.17	ug/L		10/18/24 08:24	10/21/24 09:44	1
Acenaphthylene	ND		0.20	0.13	ug/L		10/18/24 08:24	10/21/24 09:44	1
Acetophenone	ND		1.0	0.37	ug/L		10/18/24 08:24	10/21/24 09:44	1
Anthracene	ND		0.20	0.14	ug/L		10/18/24 08:24	10/21/24 09:44	1
Atrazine	ND		2.0	0.95	ug/L		10/18/24 08:24	10/21/24 09:44	1
Benzaldehyde	ND		2.0	0.76	ug/L		10/18/24 08:24	10/21/24 09:44	1
Benzo[a]anthracene	ND		0.20	0.068	ug/L		10/18/24 08:24	10/21/24 09:44	1
Benzo[a]pyrene	ND		0.20	0.17	ug/L		10/18/24 08:24	10/21/24 09:44	1
Benzo[b]fluoranthene	ND		0.20	0.15	ug/L		10/18/24 08:24	10/21/24 09:44	1
Benzo[g,h,i]perylene	ND		0.20	0.18	ug/L		10/18/24 08:24	10/21/24 09:44	1
Benzo[k]fluoranthene	ND		0.20	0.14	ug/L		10/18/24 08:24	10/21/24 09:44	1
Bis(2-chloroethoxy)methane	ND		1.0	0.22	ug/L		10/18/24 08:24	10/21/24 09:44	1
Bis(2-chloroethyl)ether	ND		1.0	0.40	ug/L		10/18/24 08:24	10/21/24 09:44	1
Bis(2-ethylhexyl) phthalate	ND		5.0	2.2	ug/L		10/18/24 08:24	10/21/24 09:44	1
Butyl benzyl phthalate	ND		2.0	0.67	ug/L		10/18/24 08:24	10/21/24 09:44	1
Caprolactam	ND		5.0	3.8	ug/L		10/18/24 08:24	10/21/24 09:44	1
Carbazole	ND		1.0	0.49	ug/L		10/18/24 08:24	10/21/24 09:44	1
Chrysene	ND		0.20	0.066	ug/L		10/18/24 08:24	10/21/24 09:44	1
Dibenz(a,h)anthracene	ND		0.20	0.15	ug/L		10/18/24 08:24	10/21/24 09:44	1
Dibenzofuran	ND		1.0	0.27	ug/L		10/18/24 08:24	10/21/24 09:44	1
Diethyl phthalate	ND		5.0	0.41	ug/L		10/18/24 08:24	10/21/24 09:44	1
Dimethyl phthalate	ND		2.0	0.52	ug/L		10/18/24 08:24	10/21/24 09:44	1
Di-n-butyl phthalate	ND		5.0	1.8	ug/L		10/18/24 08:24	10/21/24 09:44	1
Di-n-octyl phthalate	ND		2.0	0.82	ug/L		10/18/24 08:24	10/21/24 09:44	1

Method: 8270E - Semivolatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: MB 240-631401/1-A
Matrix: Water
Analysis Batch: 631580

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 631401

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Fluoranthene	ND		0.20	0.16	ug/L		10/18/24 08:24	10/21/24 09:44	1
Fluorene	ND		0.20	0.079	ug/L		10/18/24 08:24	10/21/24 09:44	1
Hexachlorobenzene	ND		0.20	0.16	ug/L		10/18/24 08:24	10/21/24 09:44	1
Hexachlorobutadiene	ND		1.0	0.54	ug/L		10/18/24 08:24	10/21/24 09:44	1
Hexachlorocyclopentadiene	ND		10	1.8	ug/L		10/18/24 08:24	10/21/24 09:44	1
Hexachloroethane	ND		1.0	0.40	ug/L		10/18/24 08:24	10/21/24 09:44	1
Indeno[1,2,3-cd]pyrene	ND		0.20	0.14	ug/L		10/18/24 08:24	10/21/24 09:44	1
Isophorone	ND		1.0	0.32	ug/L		10/18/24 08:24	10/21/24 09:44	1
N-Nitrosodi-n-propylamine	ND		1.0	0.25	ug/L		10/18/24 08:24	10/21/24 09:44	1
N-Nitrosodiphenylamine	ND		1.0	0.44	ug/L		10/18/24 08:24	10/21/24 09:44	1
Naphthalene	0.260		0.20	0.11	ug/L		10/18/24 08:24	10/21/24 09:44	1
Nitrobenzene	ND		1.0	0.51	ug/L		10/18/24 08:24	10/21/24 09:44	1
Pentachlorophenol	ND		10	3.1	ug/L		10/18/24 08:24	10/21/24 09:44	1
Phenanthrene	ND		0.20	0.080	ug/L		10/18/24 08:24	10/21/24 09:44	1
Phenol	ND		1.0	0.40	ug/L		10/18/24 08:24	10/21/24 09:44	1
Pyrene	ND		0.20	0.083	ug/L		10/18/24 08:24	10/21/24 09:44	1
3 & 4 Methylphenol	ND		2.0	0.19	ug/L		10/18/24 08:24	10/21/24 09:44	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Terphenyl-d14 (Surr)	*88*		*43 - 136*	*10/18/24 08:24*	*10/21/24 09:44*	*1*
Phenol-d5 (Surr)	*44*		*10 - 120*	*10/18/24 08:24*	*10/21/24 09:44*	*1*
Nitrobenzene-d5 (Surr)	*70*		*40 - 120*	*10/18/24 08:24*	*10/21/24 09:44*	*1*
2-Fluorophenol (Surr)	*61*		*10 - 127*	*10/18/24 08:24*	*10/21/24 09:44*	*1*
2-Fluorobiphenyl (Surr)	*94*		*41 - 120*	*10/18/24 08:24*	*10/21/24 09:44*	*1*
2,4,6-Tribromophenol (Surr)	*95*		*23 - 127*	*10/18/24 08:24*	*10/21/24 09:44*	*1*

Lab Sample ID: LCS 240-631401/2-A
Matrix: Water
Analysis Batch: 631580

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 631401

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
1,1'-Biphenyl	32.0	29.3		ug/L		92	48 - 120
bis (2-chloroisopropyl) ether	32.0	21.6		ug/L		67	34 - 126
2,4,5-Trichlorophenol	32.0	31.4		ug/L		98	51 - 129
2,4,6-Trichlorophenol	32.0	31.6		ug/L		99	51 - 128
2,4-Dichlorophenol	32.0	30.2		ug/L		94	57 - 122
2,4-Dimethylphenol	32.0	23.2		ug/L		73	33 - 120
2,4-Dinitrophenol	64.0	58.1		ug/L		91	27 - 126
2,4-Dinitrotoluene	32.0	33.6		ug/L		105	55 - 131
2,6-Dinitrotoluene	32.0	31.3		ug/L		98	54 - 134
2-Chloronaphthalene	32.0	31.4		ug/L		98	50 - 120
2-Chlorophenol	32.0	32.8		ug/L		103	57 - 120
2-Methylnaphthalene	32.0	30.1		ug/L		94	47 - 120
2-Methylphenol	32.0	29.3		ug/L		92	47 - 120
2-Nitroaniline	32.0	29.2		ug/L		91	51 - 138
2-Nitrophenol	32.0	28.6		ug/L		89	53 - 127
3,3'-Dichlorobenzidine	64.0	62.8		ug/L		98	39 - 150
3-Nitroaniline	32.0	33.0		ug/L		103	13 - 156

Method: 8270E - Semivolatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: LCS 240-631401/2-A
Matrix: Water
Analysis Batch: 631580

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 631401

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
4,6-Dinitro-2-methylphenol	64.0	62.5		ug/L		98	45 - 130
4-Bromophenyl phenyl ether	32.0	31.9		ug/L		100	51 - 129
4-Chloro-3-methylphenol	32.0	31.7		ug/L		99	57 - 126
4-Chloroaniline	32.0	6.87		ug/L		21	10 - 120
4-Chlorophenyl phenyl ether	32.0	32.6		ug/L		102	52 - 122
4-Nitroaniline	32.0	37.2		ug/L		116	44 - 156
4-Nitrophenol	64.0	42.5		ug/L		66	14 - 120
Acenaphthene	32.0	30.4		ug/L		95	50 - 120
Acenaphthylene	32.0	30.4		ug/L		95	49 - 120
Acetophenone	32.0	35.4		ug/L		111	52 - 120
Anthracene	32.0	33.3		ug/L		104	55 - 124
Atrazine	32.0	33.3		ug/L		104	50 - 152
Benzaldehyde	32.0	36.5		ug/L		114	36 - 168
Benzo[a]anthracene	32.0	30.1		ug/L		94	55 - 130
Benzo[a]pyrene	32.0	30.6		ug/L		96	51 - 123
Benzo[b]fluoranthene	32.0	30.6		ug/L		96	51 - 130
Benzo[g,h,i]perylene	32.0	31.7		ug/L		99	55 - 135
Benzo[k]fluoranthene	32.0	30.3		ug/L		95	53 - 130
Bis(2-chloroethoxy)methane	32.0	27.4		ug/L		86	50 - 121
Bis(2-chloroethyl)ether	32.0	23.5		ug/L		73	47 - 120
Bis(2-ethylhexyl) phthalate	32.0	28.1		ug/L		88	45 - 142
Butyl benzyl phthalate	32.0	29.3		ug/L		91	48 - 140
Caprolactam	32.0	5.49		ug/L		17	10 - 120
Carbazole	32.0	31.6		ug/L		99	56 - 135
Chrysene	32.0	29.2		ug/L		91	52 - 126
Dibenz(a,h)anthracene	32.0	33.0		ug/L		103	57 - 132
Dibenzofuran	32.0	32.4		ug/L		101	52 - 120
Diethyl phthalate	32.0	32.9		ug/L		103	51 - 127
Dimethyl phthalate	32.0	31.6		ug/L		99	40 - 136
Di-n-butyl phthalate	32.0	31.8		ug/L		99	56 - 138
Di-n-octyl phthalate	32.0	27.2		ug/L		85	45 - 135
Fluoranthene	32.0	32.6		ug/L		102	56 - 135
Fluorene	32.0	32.3		ug/L		101	52 - 124
Hexachlorobenzene	32.0	31.9		ug/L		100	49 - 127
Hexachlorobutadiene	32.0	25.8		ug/L		81	36 - 120
Hexachlorocyclopentadiene	32.0	10.3		ug/L		32	10 - 120
Hexachloroethane	32.0	22.6		ug/L		71	39 - 120
Indeno[1,2,3-cd]pyrene	32.0	32.5		ug/L		102	55 - 134
Isophorone	32.0	32.2		ug/L		101	50 - 127
N-Nitrosodi-n-propylamine	32.0	31.1		ug/L		97	49 - 128
N-Nitrosodiphenylamine	32.0	30.2		ug/L		94	53 - 127
Naphthalene	32.0	29.0		ug/L		91	46 - 120
Nitrobenzene	32.0	25.8		ug/L		81	50 - 123
Pentachlorophenol	64.0	66.4		ug/L		104	24 - 124
Phenanthrene	32.0	31.5		ug/L		98	54 - 120
Phenol	32.0	19.0		ug/L		59	10 - 120
Pyrene	32.0	28.9		ug/L		90	53 - 135
3 & 4 Methylphenol	32.0	32.4		ug/L		101	41 - 120

Method: 8270E - Semivolatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: LCS 240-631401/2-A
Matrix: Water
Analysis Batch: 631580

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 631401

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
Terphenyl-d14 (Surr)	*83*		*43 - 136*
Phenol-d5 (Surr)	*54*		*10 - 120*
Nitrobenzene-d5 (Surr)	*75*		*40 - 120*
2-Fluorophenol (Surr)	*90*		*10 - 127*
2-Fluorobiphenyl (Surr)	*94*		*41 - 120*
2,4,6-Tribromophenol (Surr)	*111*		*23 - 127*

Lab Sample ID: MB 240-632020/1-A
Matrix: Water
Analysis Batch: 632401

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 632020

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2-Methylnaphthalene	ND		0.20	0.11	ug/L		10/23/24 08:21	10/25/24 10:30	1
Naphthalene	ND		0.20	0.11	ug/L		10/23/24 08:21	10/25/24 10:30	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Terphenyl-d14 (Surr)	*70*		*43 - 136*	*10/23/24 08:21*	*10/25/24 10:30*	*1*
Phenol-d5 (Surr)	*46*		*10 - 120*	*10/23/24 08:21*	*10/25/24 10:30*	*1*
Nitrobenzene-d5 (Surr)	*68*		*40 - 120*	*10/23/24 08:21*	*10/25/24 10:30*	*1*
2-Fluorophenol (Surr)	*65*		*10 - 127*	*10/23/24 08:21*	*10/25/24 10:30*	*1*
2-Fluorobiphenyl (Surr)	*59*		*41 - 120*	*10/23/24 08:21*	*10/25/24 10:30*	*1*
2,4,6-Tribromophenol (Surr)	*54*		*23 - 127*	*10/23/24 08:21*	*10/25/24 10:30*	*1*

Lab Sample ID: LCS 240-632020/2-A
Matrix: Water
Analysis Batch: 632401

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 632020

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
2-Methylnaphthalene			32.0	26.0		ug/L		81	47 - 120		
Naphthalene			32.0	25.0		ug/L		78	46 - 120		

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
Terphenyl-d14 (Surr)	*86*		*43 - 136*
Phenol-d5 (Surr)	*53*		*10 - 120*
Nitrobenzene-d5 (Surr)	*92*		*40 - 120*
2-Fluorophenol (Surr)	*122*		*10 - 127*
2-Fluorobiphenyl (Surr)	*74*		*41 - 120*
2,4,6-Tribromophenol (Surr)	*89*		*23 - 127*

Lab Sample ID: MB 240-632058/1-A
Matrix: Solid
Analysis Batch: 632180

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 632058

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1'-Biphenyl	ND		100	28	ug/Kg		10/23/24 09:10	10/24/24 08:07	1
bis (2-chloroisopropyl) ether	ND		100	26	ug/Kg		10/23/24 09:10	10/24/24 08:07	1
2,4,5-Trichlorophenol	ND		150	33	ug/Kg		10/23/24 09:10	10/24/24 08:07	1
2,4,6-Trichlorophenol	ND		150	29	ug/Kg		10/23/24 09:10	10/24/24 08:07	1

Method: 8270E - Semivolatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: MB 240-632058/1-A
Matrix: Solid
Analysis Batch: 632180

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 632058

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2,4-Dichlorophenol	ND		150	27	ug/Kg		10/23/24 09:10	10/24/24 08:07	1
2,4-Dimethylphenol	ND		150	36	ug/Kg		10/23/24 09:10	10/24/24 08:07	1
2,4-Dinitrophenol	ND		330	170	ug/Kg		10/23/24 09:10	10/24/24 08:07	1
2,4-Dinitrotoluene	ND		200	23	ug/Kg		10/23/24 09:10	10/24/24 08:07	1
2,6-Dinitrotoluene	ND		200	36	ug/Kg		10/23/24 09:10	10/24/24 08:07	1
2-Chloronaphthalene	ND		100	28	ug/Kg		10/23/24 09:10	10/24/24 08:07	1
2-Chlorophenol	ND		100	26	ug/Kg		10/23/24 09:10	10/24/24 08:07	1
2-Methylnaphthalene	ND		40	13	ug/Kg		10/23/24 09:10	10/24/24 08:07	1
2-Methylphenol	ND		200	41	ug/Kg		10/23/24 09:10	10/24/24 08:07	1
2-Nitroaniline	ND		200	38	ug/Kg		10/23/24 09:10	10/24/24 08:07	1
2-Nitrophenol	ND		100	35	ug/Kg		10/23/24 09:10	10/24/24 08:07	1
3,3'-Dichlorobenzidine	ND		150	95	ug/Kg		10/23/24 09:10	10/24/24 08:07	1
3-Nitroaniline	ND		200	35	ug/Kg		10/23/24 09:10	10/24/24 08:07	1
4,6-Dinitro-2-methylphenol	ND		330	100	ug/Kg		10/23/24 09:10	10/24/24 08:07	1
4-Bromophenyl phenyl ether	ND		100	32	ug/Kg		10/23/24 09:10	10/24/24 08:07	1
4-Chloro-3-methylphenol	ND		150	38	ug/Kg		10/23/24 09:10	10/24/24 08:07	1
4-Chloroaniline	ND		150	16	ug/Kg		10/23/24 09:10	10/24/24 08:07	1
4-Chlorophenyl phenyl ether	ND		100	28	ug/Kg		10/23/24 09:10	10/24/24 08:07	1
4-Nitroaniline	ND		200	26	ug/Kg		10/23/24 09:10	10/24/24 08:07	1
4-Nitrophenol	ND		330	90	ug/Kg		10/23/24 09:10	10/24/24 08:07	1
Acenaphthene	ND		40	14	ug/Kg		10/23/24 09:10	10/24/24 08:07	1
Acenaphthylene	ND		40	15	ug/Kg		10/23/24 09:10	10/24/24 08:07	1
Acetophenone	ND		100	25	ug/Kg		10/23/24 09:10	10/24/24 08:07	1
Anthracene	ND		40	12	ug/Kg		10/23/24 09:10	10/24/24 08:07	1
Atrazine	ND		330	69	ug/Kg		10/23/24 09:10	10/24/24 08:07	1
Benzaldehyde	ND		330	56	ug/Kg		10/23/24 09:10	10/24/24 08:07	1
Benzo[a]anthracene	ND		40	15	ug/Kg		10/23/24 09:10	10/24/24 08:07	1
Benzo[a]pyrene	ND		40	14	ug/Kg		10/23/24 09:10	10/24/24 08:07	1
Benzo[b]fluoranthene	ND		40	12	ug/Kg		10/23/24 09:10	10/24/24 08:07	1
Benzo[g,h,i]perylene	ND		40	27	ug/Kg		10/23/24 09:10	10/24/24 08:07	1
Benzo[k]fluoranthene	ND		40	10	ug/Kg		10/23/24 09:10	10/24/24 08:07	1
Bis(2-chloroethoxy)methane	ND		100	20	ug/Kg		10/23/24 09:10	10/24/24 08:07	1
Bis(2-chloroethyl)ether	ND		100	22	ug/Kg		10/23/24 09:10	10/24/24 08:07	1
Bis(2-ethylhexyl) phthalate	ND		150	56	ug/Kg		10/23/24 09:10	10/24/24 08:07	1
Butyl benzyl phthalate	ND		150	51	ug/Kg		10/23/24 09:10	10/24/24 08:07	1
Caprolactam	ND		330	69	ug/Kg		10/23/24 09:10	10/24/24 08:07	1
Carbazole	ND		100	27	ug/Kg		10/23/24 09:10	10/24/24 08:07	1
Chrysene	ND		40	14	ug/Kg		10/23/24 09:10	10/24/24 08:07	1
Dibenz(a,h)anthracene	ND		40	15	ug/Kg		10/23/24 09:10	10/24/24 08:07	1
Dibenzofuran	ND		100	29	ug/Kg		10/23/24 09:10	10/24/24 08:07	1
Diethyl phthalate	ND		150	43	ug/Kg		10/23/24 09:10	10/24/24 08:07	1
Dimethyl phthalate	ND		150	40	ug/Kg		10/23/24 09:10	10/24/24 08:07	1
Di-n-butyl phthalate	ND		150	51	ug/Kg		10/23/24 09:10	10/24/24 08:07	1
Di-n-octyl phthalate	ND		150	50	ug/Kg		10/23/24 09:10	10/24/24 08:07	1
Fluoranthene	ND		40	14	ug/Kg		10/23/24 09:10	10/24/24 08:07	1
Fluorene	ND		40	14	ug/Kg		10/23/24 09:10	10/24/24 08:07	1
Hexachlorobenzene	ND		40	14	ug/Kg		10/23/24 09:10	10/24/24 08:07	1
Hexachlorobutadiene	ND		100	21	ug/Kg		10/23/24 09:10	10/24/24 08:07	1
Hexachlorocyclopentadiene	ND		330	39	ug/Kg		10/23/24 09:10	10/24/24 08:07	1

Method: 8270E - Semivolatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: MB 240-632058/1-A
Matrix: Solid
Analysis Batch: 632180

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 632058

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Hexachloroethane	ND		100	32	ug/Kg		10/23/24 09:10	10/24/24 08:07	1
Indeno[1,2,3-cd]pyrene	ND		40	12	ug/Kg		10/23/24 09:10	10/24/24 08:07	1
Isophorone	ND		100	26	ug/Kg		10/23/24 09:10	10/24/24 08:07	1
N-Nitrosodi-n-propylamine	ND		100	37	ug/Kg		10/23/24 09:10	10/24/24 08:07	1
N-Nitrosodiphenylamine	ND		100	27	ug/Kg		10/23/24 09:10	10/24/24 08:07	1
Naphthalene	ND		40	13	ug/Kg		10/23/24 09:10	10/24/24 08:07	1
Nitrobenzene	ND		100	22	ug/Kg		10/23/24 09:10	10/24/24 08:07	1
Pentachlorophenol	ND		270	110	ug/Kg		10/23/24 09:10	10/24/24 08:07	1
Phenanthrene	ND		40	13	ug/Kg		10/23/24 09:10	10/24/24 08:07	1
Phenol	ND		100	38	ug/Kg		10/23/24 09:10	10/24/24 08:07	1
Pyrene	ND		40	16	ug/Kg		10/23/24 09:10	10/24/24 08:07	1
3 & 4 Methylphenol	ND		400	41	ug/Kg		10/23/24 09:10	10/24/24 08:07	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Terphenyl-d14 (Surr)	*63*		*37 - 120*	*10/23/24 09:10*	*10/24/24 08:07*	*1*
Phenol-d5 (Surr)	*67*		*29 - 120*	*10/23/24 09:10*	*10/24/24 08:07*	*1*
Nitrobenzene-d5 (Surr)	*55*		*28 - 120*	*10/23/24 09:10*	*10/24/24 08:07*	*1*
2-Fluorophenol (Surr)	*68*		*26 - 120*	*10/23/24 09:10*	*10/24/24 08:07*	*1*
2-Fluorobiphenyl (Surr)	*61*		*36 - 120*	*10/23/24 09:10*	*10/24/24 08:07*	*1*
2,4,6-Tribromophenol (Surr)	*67*		*10 - 120*	*10/23/24 09:10*	*10/24/24 08:07*	*1*

Lab Sample ID: LCS 240-632058/2-A
Matrix: Solid
Analysis Batch: 632180

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 632058

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
1,1'-Biphenyl	1330	1110		ug/Kg		83	54 - 120
bis (2-chloroisopropyl) ether	1330	963		ug/Kg		72	42 - 120
2,4,5-Trichlorophenol	1330	1300		ug/Kg		98	53 - 120
2,4,6-Trichlorophenol	1330	1200		ug/Kg		90	53 - 120
2,4-Dichlorophenol	1330	1170		ug/Kg		88	55 - 120
2,4-Dimethylphenol	1330	811		ug/Kg		61	39 - 120
2,4-Dinitrophenol	2670	1320		ug/Kg		50	10 - 120
2,4-Dinitrotoluene	1330	1310		ug/Kg		98	56 - 120
2,6-Dinitrotoluene	1330	1270		ug/Kg		96	57 - 120
2-Chloronaphthalene	1330	1100		ug/Kg		83	54 - 120
2-Chlorophenol	1330	1100		ug/Kg		82	54 - 120
2-Methylnaphthalene	1330	1110		ug/Kg		83	56 - 120
2-Methylphenol	1330	1220		ug/Kg		92	51 - 120
2-Nitroaniline	1330	1250		ug/Kg		94	53 - 120
2-Nitrophenol	1330	1150		ug/Kg		86	51 - 120
3,3'-Dichlorobenzidine	2670	1570		ug/Kg		59	31 - 120
3-Nitroaniline	1330	925		ug/Kg		69	36 - 120
4,6-Dinitro-2-methylphenol	2670	1720		ug/Kg		65	10 - 120
4-Bromophenyl phenyl ether	1330	1240		ug/Kg		93	56 - 120
4-Chloro-3-methylphenol	1330	1220		ug/Kg		92	55 - 120
4-Chloroaniline	1330	584		ug/Kg		44	23 - 120
4-Chlorophenyl phenyl ether	1330	1190		ug/Kg		89	54 - 120

Method: 8270E - Semivolatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: LCS 240-632058/2-A
Matrix: Solid
Analysis Batch: 632180

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 632058

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
4-Nitroaniline	1330	1060		ug/Kg		79	46 - 120
4-Nitrophenol	2670	2350		ug/Kg		88	41 - 123
Acenaphthene	1330	1090		ug/Kg		82	56 - 120
Acenaphthylene	1330	1170		ug/Kg		88	54 - 120
Acetophenone	1330	1050		ug/Kg		79	53 - 120
Anthracene	1330	1210		ug/Kg		91	59 - 120
Atrazine	2670	2440		ug/Kg		92	56 - 136
Benzaldehyde	2670	1250	*-	ug/Kg		47	50 - 120
Benzo[a]anthracene	1330	1240		ug/Kg		93	59 - 120
Benzo[a]pyrene	1330	1220		ug/Kg		91	54 - 120
Benzo[b]fluoranthene	1330	1240		ug/Kg		93	58 - 120
Benzo[g,h,i]perylene	1330	1240		ug/Kg		93	56 - 120
Benzo[k]fluoranthene	1330	1120		ug/Kg		84	59 - 120
Bis(2-chloroethoxy)methane	1330	1050		ug/Kg		78	53 - 120
Bis(2-chloroethyl)ether	1330	927		ug/Kg		70	45 - 120
Bis(2-ethylhexyl) phthalate	1330	1270		ug/Kg		95	52 - 120
Butyl benzyl phthalate	1330	1220		ug/Kg		92	54 - 120
Caprolactam	2670	2360		ug/Kg		88	55 - 120
Carbazole	1330	1230		ug/Kg		92	61 - 120
Chrysene	1330	1160		ug/Kg		87	58 - 120
Dibenz(a,h)anthracene	1330	1270		ug/Kg		95	54 - 120
Dibenzofuran	1330	1130		ug/Kg		85	54 - 120
Diethyl phthalate	1330	1200		ug/Kg		90	58 - 120
Dimethyl phthalate	1330	1220		ug/Kg		91	58 - 120
Di-n-butyl phthalate	1330	1200		ug/Kg		90	54 - 124
Di-n-octyl phthalate	1330	1200		ug/Kg		90	53 - 120
Fluoranthene	1330	1280		ug/Kg		96	59 - 120
Fluorene	1330	1180		ug/Kg		88	56 - 120
Hexachlorobenzene	1330	1200		ug/Kg		90	51 - 120
Hexachlorobutadiene	1330	1030		ug/Kg		77	46 - 120
Hexachlorocyclopentadiene	1330	319	J	ug/Kg		24	12 - 120
Hexachloroethane	1330	999		ug/Kg		75	49 - 120
Indeno[1,2,3-cd]pyrene	1330	1280		ug/Kg		96	53 - 120
Isophorone	1330	1110		ug/Kg		83	52 - 120
N-Nitrosodi-n-propylamine	1330	1020		ug/Kg		76	52 - 120
N-Nitrosodiphenylamine	1330	1240		ug/Kg		93	58 - 120
Naphthalene	1330	1040		ug/Kg		78	54 - 120
Nitrobenzene	1330	1010		ug/Kg		75	52 - 120
Pentachlorophenol	2670	1620		ug/Kg		61	31 - 120
Phenanthrene	1330	1150		ug/Kg		86	57 - 120
Phenol	1330	1100		ug/Kg		83	48 - 120
Pyrene	1330	1230		ug/Kg		92	59 - 120
3 & 4 Methylphenol	1330	1120		ug/Kg		84	51 - 120

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
Terphenyl-d14 (Surr)	*79*		*37 - 120*
Phenol-d5 (Surr)	*80*		*29 - 120*
Nitrobenzene-d5 (Surr)	*67*		*28 - 120*

Method: 8270E - Semivolatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: LCS 240-632058/2-A
Matrix: Solid
Analysis Batch: 632180

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 632058

Surrogate	LCS %Recovery	LCS Qualifier	Limits
2-Fluorophenol (Surr)	78		26 - 120
2-Fluorobiphenyl (Surr)	77		36 - 120
2,4,6-Tribromophenol (Surr)	88		10 - 120

Lab Sample ID: 240-213229-6 MS
Matrix: Solid
Analysis Batch: 632180

Client Sample ID: SB-13-14-16
Prep Type: Total/NA
Prep Batch: 632058

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
1,1'-Biphenyl	ND		1480	865		ug/Kg	☼	58	30 - 120
bis (2-chloroisopropyl) ether	ND		1480	626		ug/Kg	☼	42	19 - 120
2,4,5-Trichlorophenol	ND		1480	1110		ug/Kg	☼	75	35 - 120
2,4,6-Trichlorophenol	ND		1480	720		ug/Kg	☼	49	25 - 120
2,4-Dichlorophenol	ND		1480	1110		ug/Kg	☼	75	35 - 120
2,4-Dimethylphenol	ND		1480	787		ug/Kg	☼	53	20 - 120
2,4-Dinitrophenol	ND	F1	2970	275	J F1	ug/Kg	☼	9	10 - 120
2,4-Dinitrotoluene	ND		1480	1320		ug/Kg	☼	89	24 - 122
2,6-Dinitrotoluene	ND		1480	1220		ug/Kg	☼	82	27 - 120
2-Chloronaphthalene	ND		1480	856		ug/Kg	☼	58	33 - 120
2-Chlorophenol	ND		1480	998		ug/Kg	☼	67	33 - 120
2-Methylnaphthalene	ND		1480	809		ug/Kg	☼	55	18 - 120
2-Methylphenol	ND		1480	1380		ug/Kg	☼	93	30 - 120
2-Nitroaniline	ND		1480	1210		ug/Kg	☼	82	13 - 128
2-Nitrophenol	ND		1480	899		ug/Kg	☼	61	21 - 120
3,3'-Dichlorobenzidine	ND		2970	2340		ug/Kg	☼	79	10 - 143
3-Nitroaniline	ND		1480	1220		ug/Kg	☼	82	10 - 120
4,6-Dinitro-2-methylphenol	ND		2970	309	J	ug/Kg	☼	10	10 - 120
4-Bromophenyl phenyl ether	ND		1480	1120		ug/Kg	☼	75	39 - 120
4-Chloro-3-methylphenol	ND		1480	1270		ug/Kg	☼	86	26 - 120
4-Chloroaniline	ND		1480	905		ug/Kg	☼	61	19 - 120
4-Chlorophenyl phenyl ether	ND		1480	1020		ug/Kg	☼	69	37 - 120
4-Nitroaniline	ND		1480	1040		ug/Kg	☼	70	22 - 120
4-Nitrophenol	ND		2970	1560		ug/Kg	☼	53	18 - 124
Acenaphthene	ND		1480	886		ug/Kg	☼	60	26 - 120
Acenaphthylene	ND		1480	987		ug/Kg	☼	67	25 - 120
Acetophenone	ND		1480	914		ug/Kg	☼	62	32 - 120
Anthracene	ND		1480	1160		ug/Kg	☼	78	25 - 121
Atrazine	ND		2970	2480		ug/Kg	☼	83	43 - 130
Benzaldehyde	ND	F1 *-	2970	936		ug/Kg	☼	32	27 - 120
Benzo[a]anthracene	ND		1480	1290		ug/Kg	☼	87	21 - 130
Benzo[a]pyrene	ND		1480	1220		ug/Kg	☼	82	12 - 131
Benzo[b]fluoranthene	ND		1480	1210		ug/Kg	☼	82	14 - 134
Benzo[g,h,i]perylene	ND		1480	1290		ug/Kg	☼	87	10 - 145
Benzo[k]fluoranthene	ND		1480	1160		ug/Kg	☼	78	18 - 126
Bis(2-chloroethoxy)methane	ND		1480	995		ug/Kg	☼	67	28 - 120
Bis(2-chloroethyl)ether	ND		1480	715		ug/Kg	☼	48	23 - 120
Bis(2-ethylhexyl) phthalate	66	J	1480	1300		ug/Kg	☼	83	24 - 131
Butyl benzyl phthalate	ND		1480	1300		ug/Kg	☼	87	41 - 120

Method: 8270E - Semivolatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: 240-213229-6 MS
Matrix: Solid
Analysis Batch: 632180

Client Sample ID: SB-13-14-16
Prep Type: Total/NA
Prep Batch: 632058

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Caprolactam	ND		2970	1740		ug/Kg	☼	59	28 - 120
Carbazole	ND		1480	1210		ug/Kg	☼	82	40 - 120
Chrysene	ND		1480	1220		ug/Kg	☼	83	20 - 126
Dibenz(a,h)anthracene	ND		1480	1340		ug/Kg	☼	90	10 - 141
Dibenzofuran	ND		1480	969		ug/Kg	☼	65	35 - 120
Diethyl phthalate	ND		1480	1220		ug/Kg	☼	82	33 - 120
Dimethyl phthalate	ND		1480	1220		ug/Kg	☼	82	15 - 120
Di-n-butyl phthalate	ND		1480	1230		ug/Kg	☼	83	25 - 132
Di-n-octyl phthalate	ND		1480	1200		ug/Kg	☼	81	37 - 120
Fluoranthene	ND		1480	1270		ug/Kg	☼	86	18 - 139
Fluorene	ND		1480	1040		ug/Kg	☼	70	29 - 120
Hexachlorobenzene	ND		1480	987		ug/Kg	☼	67	36 - 120
Hexachlorobutadiene	ND		1480	431		ug/Kg	☼	29	18 - 120
Hexachlorocyclopentadiene	ND	F1	1480	ND	F1	ug/Kg	☼	0	10 - 120
Hexachloroethane	ND		1480	337		ug/Kg	☼	23	14 - 120
Indeno[1,2,3-cd]pyrene	ND		1480	1320		ug/Kg	☼	89	10 - 143
Isophorone	ND		1480	1060		ug/Kg	☼	72	33 - 120
N-Nitrosodi-n-propylamine	ND		1480	942		ug/Kg	☼	64	33 - 120
N-Nitrosodiphenylamine	ND		1480	1170		ug/Kg	☼	79	35 - 120
Naphthalene	ND		1480	699		ug/Kg	☼	47	17 - 120
Nitrobenzene	ND		1480	816		ug/Kg	☼	55	25 - 120
Pentachlorophenol	ND		2970	458		ug/Kg	☼	15	10 - 120
Phenanthrene	ND		1480	1130		ug/Kg	☼	76	18 - 122
Phenol	ND		1480	1100		ug/Kg	☼	74	29 - 120
Pyrene	ND		1480	1280		ug/Kg	☼	86	18 - 136
3 & 4 Methylphenol	ND		1480	1140		ug/Kg	☼	77	30 - 120

Surrogate	*MS %Recovery*	*MS Qualifier*	*Limits*
Terphenyl-d14 (Surr)	*72*		*37 - 120*
Phenol-d5 (Surr)	*70*		*29 - 120*
Nitrobenzene-d5 (Surr)	*48*		*28 - 120*
2-Fluorophenol (Surr)	*62*		*26 - 120*
2-Fluorobiphenyl (Surr)	*53*		*36 - 120*
2,4,6-Tribromophenol (Surr)	*55*		*10 - 120*

Lab Sample ID: 240-213229-6 MSD
Matrix: Solid
Analysis Batch: 632180

Client Sample ID: SB-13-14-16
Prep Type: Total/NA
Prep Batch: 632058

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
1,1'-Biphenyl	ND		1500	677		ug/Kg	☼	45	30 - 120	24	40
bis (2-chloroisopropyl) ether	ND		1500	480		ug/Kg	☼	32	19 - 120	26	40
2,4,5-Trichlorophenol	ND		1500	1060		ug/Kg	☼	70	35 - 120	5	40
2,4,6-Trichlorophenol	ND		1500	798		ug/Kg	☼	53	25 - 120	10	40
2,4-Dichlorophenol	ND		1500	942		ug/Kg	☼	63	35 - 120	17	40
2,4-Dimethylphenol	ND		1500	675		ug/Kg	☼	45	20 - 120	15	40
2,4-Dinitrophenol	ND	F1	3000	269	J F1	ug/Kg	☼	9	10 - 120	2	40
2,4-Dinitrotoluene	ND		1500	1130		ug/Kg	☼	76	24 - 122	15	40

Method: 8270E - Semivolatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: 240-213229-6 MSD
Matrix: Solid
Analysis Batch: 632180

Client Sample ID: SB-13-14-16
Prep Type: Total/NA
Prep Batch: 632058

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
2,6-Dinitrotoluene	ND		1500	1070		ug/Kg	☼	71	27 - 120	13	40
2-Chloronaphthalene	ND		1500	668		ug/Kg	☼	45	33 - 120	25	40
2-Chlorophenol	ND		1500	843		ug/Kg	☼	56	33 - 120	17	40
2-Methylnaphthalene	ND		1500	626		ug/Kg	☼	42	18 - 120	26	40
2-Methylphenol	ND		1500	1220		ug/Kg	☼	82	30 - 120	12	40
2-Nitroaniline	ND		1500	1090		ug/Kg	☼	73	13 - 128	10	40
2-Nitrophenol	ND		1500	774		ug/Kg	☼	52	21 - 120	15	40
3,3'-Dichlorobenzidine	ND		3000	2050		ug/Kg	☼	69	10 - 143	13	40
3-Nitroaniline	ND		1500	1090		ug/Kg	☼	72	10 - 120	11	40
4,6-Dinitro-2-methylphenol	ND		3000	299	J	ug/Kg	☼	10	10 - 120	3	40
4-Bromophenyl phenyl ether	ND		1500	907		ug/Kg	☼	61	39 - 120	21	40
4-Chloro-3-methylphenol	ND		1500	1110		ug/Kg	☼	74	26 - 120	14	40
4-Chloroaniline	ND		1500	781		ug/Kg	☼	52	19 - 120	15	40
4-Chlorophenyl phenyl ether	ND		1500	822		ug/Kg	☼	55	37 - 120	21	40
4-Nitroaniline	ND		1500	966		ug/Kg	☼	64	22 - 120	7	40
4-Nitrophenol	ND		3000	1700		ug/Kg	☼	57	18 - 124	8	40
Acenaphthene	ND		1500	704		ug/Kg	☼	47	26 - 120	23	40
Acenaphthylene	ND		1500	806		ug/Kg	☼	54	25 - 120	20	40
Acetophenone	ND		1500	756		ug/Kg	☼	50	32 - 120	19	40
Anthracene	ND		1500	995		ug/Kg	☼	66	25 - 121	16	40
Atrazine	ND		3000	2230		ug/Kg	☼	74	43 - 130	10	40
Benzaldehyde	ND	F1 *-	3000	756	F1	ug/Kg	☼	25	27 - 120	21	40
Benzo[a]anthracene	ND		1500	1030		ug/Kg	☼	69	21 - 130	22	40
Benzo[a]pyrene	ND		1500	958		ug/Kg	☼	64	12 - 131	24	40
Benzo[b]fluoranthene	ND		1500	975		ug/Kg	☼	65	14 - 134	22	40
Benzo[g,h,i]perylene	ND		1500	995		ug/Kg	☼	66	10 - 145	26	40
Benzo[k]fluoranthene	ND		1500	895		ug/Kg	☼	60	18 - 126	25	40
Bis(2-chloroethoxy)methane	ND		1500	823		ug/Kg	☼	55	28 - 120	19	40
Bis(2-chloroethyl)ether	ND		1500	572		ug/Kg	☼	38	23 - 120	22	40
Bis(2-ethylhexyl) phthalate	66	J	1500	943		ug/Kg	☼	58	24 - 131	32	40
Butyl benzyl phthalate	ND		1500	1100		ug/Kg	☼	74	41 - 120	16	40
Caprolactam	ND		3000	1590		ug/Kg	☼	53	28 - 120	9	35
Carbazole	ND		1500	1110		ug/Kg	☼	74	40 - 120	9	40
Chrysene	ND		1500	990		ug/Kg	☼	66	20 - 126	21	40
Dibenz(a,h)anthracene	ND		1500	1020		ug/Kg	☼	68	10 - 141	27	40
Dibenzofuran	ND		1500	787		ug/Kg	☼	52	35 - 120	21	40
Diethyl phthalate	ND		1500	1060		ug/Kg	☼	71	33 - 120	14	40
Dimethyl phthalate	ND		1500	1060		ug/Kg	☼	71	15 - 120	13	40
Di-n-butyl phthalate	ND		1500	1080		ug/Kg	☼	72	25 - 132	13	40
Di-n-octyl phthalate	ND		1500	863		ug/Kg	☼	58	37 - 120	33	40
Fluoranthene	ND		1500	1080		ug/Kg	☼	72	18 - 139	16	40
Fluorene	ND		1500	845		ug/Kg	☼	56	29 - 120	21	40
Hexachlorobenzene	ND		1500	754		ug/Kg	☼	50	36 - 120	27	40
Hexachlorobutadiene	ND		1500	337		ug/Kg	☼	23	18 - 120	24	40
Hexachlorocyclopentadiene	ND	F1	1500	81.6	J F1	ug/Kg	☼	5	10 - 120	NC	40
Hexachloroethane	ND		1500	282		ug/Kg	☼	19	14 - 120	18	40
Indeno[1,2,3-cd]pyrene	ND		1500	1000		ug/Kg	☼	67	10 - 143	28	40
Isophorone	ND		1500	901		ug/Kg	☼	60	33 - 120	16	40
N-Nitrosodi-n-propylamine	ND		1500	795		ug/Kg	☼	53	33 - 120	17	40

Method: 8270E - Semivolatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: 240-213229-6 MSD
Matrix: Solid
Analysis Batch: 632180

Client Sample ID: SB-13-14-16
Prep Type: Total/NA
Prep Batch: 632058

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
N-Nitrosodiphenylamine	ND		1500	1040		ug/Kg	☼	70	35 - 120	12	40
Naphthalene	ND		1500	548		ug/Kg	☼	37	17 - 120	24	40
Nitrobenzene	ND		1500	665		ug/Kg	☼	44	25 - 120	20	40
Pentachlorophenol	ND		3000	527		ug/Kg	☼	18	10 - 120	14	40
Phenanthrene	ND		1500	967		ug/Kg	☼	65	18 - 122	15	40
Phenol	ND		1500	943		ug/Kg	☼	63	29 - 120	16	40
Pyrene	ND		1500	1080		ug/Kg	☼	72	18 - 136	17	40
3 & 4 Methylphenol	ND		1500	992		ug/Kg	☼	66	30 - 120	14	40

Surrogate	*MSD %Recovery*	*MSD Qualifier*	*Limits*
Terphenyl-d14 (Surr)	*58*		*37 - 120*
Phenol-d5 (Surr)	*59*		*29 - 120*
Nitrobenzene-d5 (Surr)	*40*		*28 - 120*
2-Fluorophenol (Surr)	*52*		*26 - 120*
2-Fluorobiphenyl (Surr)	*42*		*36 - 120*
2,4,6-Tribromophenol (Surr)	*59*		*10 - 120*

Method: 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Lab Sample ID: MB 240-631397/1-A
Matrix: Water
Analysis Batch: 631742

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 631397

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aroclor-1016	ND		0.10	0.056	ug/L		10/18/24 08:21	10/22/24 10:49	1
Aroclor-1221	ND		0.10	0.057	ug/L		10/18/24 08:21	10/22/24 10:49	1
Aroclor-1232	ND		0.10	0.074	ug/L		10/18/24 08:21	10/22/24 10:49	1
Aroclor-1242	ND		0.10	0.076	ug/L		10/18/24 08:21	10/22/24 10:49	1
Aroclor-1248	ND		0.10	0.050	ug/L		10/18/24 08:21	10/22/24 10:49	1
Aroclor-1254	ND		0.10	0.040	ug/L		10/18/24 08:21	10/22/24 10:49	1
Aroclor-1260	ND		0.10	0.046	ug/L		10/18/24 08:21	10/22/24 10:49	1
Aroclor-1262	ND		0.10	0.058	ug/L		10/18/24 08:21	10/22/24 10:49	1
Aroclor-1268	ND		0.10	0.062	ug/L		10/18/24 08:21	10/22/24 10:49	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Tetrachloro-m-xylene	*64*		*10 - 149*	*10/18/24 08:21*	*10/22/24 10:49*	*1*
DCB Decachlorobiphenyl	*76*		*10 - 174*	*10/18/24 08:21*	*10/22/24 10:49*	*1*

Lab Sample ID: LCS 240-631397/2-A
Matrix: Water
Analysis Batch: 631742

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 631397

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
Aroclor-1016			2.50	1.42		ug/L		57	28 - 140		
Aroclor-1260			2.50	1.65		ug/L		66	39 - 153		

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
Tetrachloro-m-xylene	*51*		*10 - 149*

Method: 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography (Continued)

Lab Sample ID: LCS 240-631397/2-A
Matrix: Water
Analysis Batch: 631742

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 631397

Surrogate	LCS %Recovery	LCS Qualifier	Limits
DCB Decachlorobiphenyl	61		10 - 174

Lab Sample ID: MB 240-631847/1-A
Matrix: Solid
Analysis Batch: 631984

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 631847

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aroclor-1016	ND		50	25	ug/Kg		10/22/24 09:44	10/23/24 14:30	1
Aroclor-1221	ND		50	30	ug/Kg		10/22/24 09:44	10/23/24 14:30	1
Aroclor-1232	ND		50	21	ug/Kg		10/22/24 09:44	10/23/24 14:30	1
Aroclor-1242	ND		50	19	ug/Kg		10/22/24 09:44	10/23/24 14:30	1
Aroclor-1248	ND		50	17	ug/Kg		10/22/24 09:44	10/23/24 14:30	1
Aroclor-1254	ND		50	21	ug/Kg		10/22/24 09:44	10/23/24 14:30	1
Aroclor-1260	ND		50	21	ug/Kg		10/22/24 09:44	10/23/24 14:30	1
Aroclor-1262	ND		50	22	ug/Kg		10/22/24 09:44	10/23/24 14:30	1
Aroclor-1268	ND		50	16	ug/Kg		10/22/24 09:44	10/23/24 14:30	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
Tetrachloro-m-xylene	55		10 - 149	10/22/24 09:44	10/23/24 14:30	1
DCB Decachlorobiphenyl	57		10 - 174	10/22/24 09:44	10/23/24 14:30	1

Lab Sample ID: LCS 240-631847/2-A
Matrix: Solid
Analysis Batch: 631984

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 631847

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Aroclor-1016	1000	536		ug/Kg		54	28 - 140
Aroclor-1260	1000	664		ug/Kg		66	39 - 153

Surrogate	LCS %Recovery	LCS Qualifier	Limits
Tetrachloro-m-xylene	60		10 - 149
DCB Decachlorobiphenyl	71		10 - 174

Lab Sample ID: 240-213229-6 MS
Matrix: Solid
Analysis Batch: 631984

Client Sample ID: SB-13-14-16
Prep Type: Total/NA
Prep Batch: 631847

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Aroclor-1016	ND		1110	478		ug/Kg	☼	43	10 - 146
Aroclor-1260	ND		1110	557		ug/Kg	☼	50	10 - 158

Surrogate	MS %Recovery	MS Qualifier	Limits
Tetrachloro-m-xylene	49		10 - 149
DCB Decachlorobiphenyl	53		10 - 174

Method: 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography (Continued)

Lab Sample ID: 240-213229-6 MSD
Matrix: Solid
Analysis Batch: 631984

Client Sample ID: SB-13-14-16
Prep Type: Total/NA
Prep Batch: 631847

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Aroclor-1016	ND		1130	509		ug/Kg	☼	45	10 - 146	6	40
Aroclor-1260	ND		1130	618		ug/Kg	☼	54	10 - 158	10	40

Surrogate	*MSD %Recovery*	*MSD Qualifier*	*Limits*
Tetrachloro-m-xylene	*56*		*10 - 149*
DCB Decachlorobiphenyl	*60*		*10 - 174*

Method: 6010D - Metals (ICP)

Lab Sample ID: MB 240-631486/1-A
Matrix: Solid
Analysis Batch: 631722

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 631486

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	ND		1.5	0.32	mg/Kg		10/18/24 15:00	10/21/24 21:57	1
Barium	ND		20	0.13	mg/Kg		10/18/24 15:00	10/21/24 21:57	1
Cadmium	ND		0.50	0.048	mg/Kg		10/18/24 15:00	10/21/24 21:57	1
Chromium	ND		1.0	0.34	mg/Kg		10/18/24 15:00	10/21/24 21:57	1
Copper	ND		2.5	0.70	mg/Kg		10/18/24 15:00	10/21/24 21:57	1
Lead	ND		1.0	0.28	mg/Kg		10/18/24 15:00	10/21/24 21:57	1
Selenium	ND		2.0	0.47	mg/Kg		10/18/24 15:00	10/21/24 21:57	1
Silver	ND		1.0	0.081	mg/Kg		10/18/24 15:00	10/21/24 21:57	1
Zinc	ND		5.0	3.6	mg/Kg		10/18/24 15:00	10/21/24 21:57	1

Lab Sample ID: LCS 240-631486/2-A
Matrix: Solid
Analysis Batch: 631722

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 631486

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Arsenic	200	198		mg/Kg		99	80 - 120
Barium	200	187		mg/Kg		93	80 - 120
Cadmium	100	96.1		mg/Kg		96	80 - 120
Chromium	100	95.5		mg/Kg		95	80 - 120
Copper	100	93.2		mg/Kg		93	80 - 120
Lead	100	91.2		mg/Kg		91	80 - 120
Selenium	200	195		mg/Kg		98	80 - 120
Silver	10.0	9.29		mg/Kg		93	80 - 120
Zinc	100	98.4		mg/Kg		98	80 - 120

Lab Sample ID: 240-213229-6 MS
Matrix: Solid
Analysis Batch: 631722

Client Sample ID: SB-13-14-16
Prep Type: Total/NA
Prep Batch: 631486

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Arsenic	23		219	219		mg/Kg	☼	89	75 - 125
Barium	31		219	217		mg/Kg	☼	85	75 - 125
Cadmium	0.087	J	109	94.2		mg/Kg	☼	86	75 - 125
Chromium	15		109	110		mg/Kg	☼	86	75 - 125
Copper	16		109	109		mg/Kg	☼	86	75 - 125

Method: 6010D - Metals (ICP) (Continued)

Lab Sample ID: 240-213229-6 MS
Matrix: Solid
Analysis Batch: 631722

Client Sample ID: SB-13-14-16
Prep Type: Total/NA
Prep Batch: 631486

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Lead	12		109	97.9		mg/Kg	☼	78	75 - 125
Selenium	0.75	J	219	190		mg/Kg	☼	86	75 - 125
Silver	ND		10.9	9.00		mg/Kg	☼	82	75 - 125
Zinc	69		109	170		mg/Kg	☼	92	75 - 125

Lab Sample ID: 240-213229-6 MSD
Matrix: Solid
Analysis Batch: 631722

Client Sample ID: SB-13-14-16
Prep Type: Total/NA
Prep Batch: 631486

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Arsenic	23		219	211		mg/Kg	☼	86	75 - 125	4	20
Barium	31		219	214		mg/Kg	☼	83	75 - 125	2	20
Cadmium	0.087	J	109	94.2		mg/Kg	☼	86	75 - 125	0	20
Chromium	15		109	110		mg/Kg	☼	87	75 - 125	0	20
Copper	16		109	109		mg/Kg	☼	85	75 - 125	0	20
Lead	12		109	95.4		mg/Kg	☼	76	75 - 125	3	20
Selenium	0.75	J	219	189		mg/Kg	☼	86	75 - 125	0	20
Silver	ND		10.9	8.97		mg/Kg	☼	82	75 - 125	0	20
Zinc	69		109	165		mg/Kg	☼	88	75 - 125	3	20

Lab Sample ID: MB 240-631457/1-A
Matrix: Water
Analysis Batch: 631722

Client Sample ID: Method Blank
Prep Type: Total Recoverable
Prep Batch: 631457

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	ND		15	4.1	ug/L		10/18/24 14:00	10/21/24 12:26	1
Barium	1.79	J	200	1.3	ug/L		10/18/24 14:00	10/21/24 12:26	1
Cadmium	ND		5.0	0.45	ug/L		10/18/24 14:00	10/21/24 12:26	1
Chromium	ND		10	0.76	ug/L		10/18/24 14:00	10/21/24 12:26	1
Copper	ND		25	3.5	ug/L		10/18/24 14:00	10/21/24 12:26	1
Lead	ND		10	2.8	ug/L		10/18/24 14:00	10/21/24 12:26	1
Selenium	ND		20	6.0	ug/L		10/18/24 14:00	10/21/24 12:26	1
Silver	ND		10	1.4	ug/L		10/18/24 14:00	10/21/24 12:26	1
Zinc	ND		50	23	ug/L		10/18/24 14:00	10/21/24 12:26	1

Lab Sample ID: LCS 240-631457/2-A
Matrix: Water
Analysis Batch: 631722

Client Sample ID: Lab Control Sample
Prep Type: Total Recoverable
Prep Batch: 631457

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Arsenic	2000	2070		ug/L		103	80 - 120
Barium	2000	1940		ug/L		97	80 - 120
Cadmium	1000	999		ug/L		100	80 - 120
Chromium	1000	979		ug/L		98	80 - 120
Copper	1000	964		ug/L		96	80 - 120
Lead	1000	955		ug/L		95	80 - 120
Selenium	2000	2070		ug/L		104	80 - 120
Silver	100	98.6		ug/L		99	80 - 120
Zinc	1000	1040		ug/L		104	80 - 120

Method: 7470A - Mercury (CVAA)

Lab Sample ID: MB 240-631461/1-A
Matrix: Water
Analysis Batch: 631730

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 631461

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	ND		0.20	0.13	ug/L		10/18/24 14:00	10/21/24 14:09	1

Lab Sample ID: LCS 240-631461/2-A
Matrix: Water
Analysis Batch: 631730

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 631461

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Mercury	5.00	4.40		ug/L		88	80 - 120

Method: 7471B - Mercury (CVAA)

Lab Sample ID: MB 240-631491/1-A
Matrix: Solid
Analysis Batch: 631734

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 631491

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	ND		0.10	0.018	mg/Kg		10/18/24 15:00	10/21/24 12:22	1

Lab Sample ID: LCS 240-631491/2-A
Matrix: Solid
Analysis Batch: 631734

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 631491

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Mercury	0.833	0.714		mg/Kg		86	80 - 120

Lab Sample ID: 240-213229-6 MS
Matrix: Solid
Analysis Batch: 631734

Client Sample ID: SB-13-14-16
Prep Type: Total/NA
Prep Batch: 631491

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Mercury	ND		0.193	0.207		mg/Kg	☼	108	80 - 120

Lab Sample ID: 240-213229-6 MSD
Matrix: Solid
Analysis Batch: 631734

Client Sample ID: SB-13-14-16
Prep Type: Total/NA
Prep Batch: 631491

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Mercury	ND		0.193	0.205		mg/Kg	☼	106	80 - 120	1	20

Method: 7196A - Chromium, Hexavalent

Lab Sample ID: MB 410-568503/1-A
Matrix: Solid
Analysis Batch: 569237

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 568503

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cr (VI)	ND		0.42	0.14	mg/Kg		10/28/24 10:33	10/29/24 20:02	1

Method: 7196A - Chromium, Hexavalent (Continued)

Lab Sample ID: LCS 410-568503/2-A
Matrix: Solid
Analysis Batch: 569237

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 568503

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
Cr (VI)			5.00	4.82		mg/Kg		96	80 - 120		

Lab Sample ID: LCSI 410-568503/3-A
Matrix: Solid
Analysis Batch: 569237

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 568503

Analyte			Spike Added	LCSI Result	LCSI Qualifier	Unit	D	%Rec	%Rec Limits		
Cr (VI)			753	730		mg/Kg		97	80 - 120		

Lab Sample ID: 240-213229-6 MSI
Matrix: Solid
Analysis Batch: 569237

Client Sample ID: SB-13-14-16
Prep Type: Total/NA
Prep Batch: 568503

Analyte	Sample Result	Sample Qualifier	Spike Added	MSI Result	MSI Qualifier	Unit	D	%Rec	%Rec Limits		
Cr (VI)	ND	F1	812	613		mg/Kg	☼	76	75 - 125		

Lab Sample ID: 240-213229-6 MSS
Matrix: Solid
Analysis Batch: 569237

Client Sample ID: SB-13-14-16
Prep Type: Total/NA
Prep Batch: 568503

Analyte	Sample Result	Sample Qualifier	Spike Added	MSS Result	MSS Qualifier	Unit	D	%Rec	%Rec Limits		
Cr (VI)	ND	F1	44.6	20.8	F1	mg/Kg	☼	47	75 - 125		

Lab Sample ID: 240-213229-6 DU
Matrix: Solid
Analysis Batch: 569237

Client Sample ID: SB-13-14-16
Prep Type: Total/NA
Prep Batch: 568503

Analyte	Sample Result	Sample Qualifier		DU Result	DU Qualifier	Unit	D			RPD	RPD Limit
Cr (VI)	ND	F1		ND		mg/Kg	☼			NC	20

Lab Sample ID: MB 240-631280/3
Matrix: Water
Analysis Batch: 631280

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chromium, hexavalent	ND		0.020	0.0070	mg/L			10/17/24 11:07	1

Lab Sample ID: LCS 240-631280/4
Matrix: Water
Analysis Batch: 631280

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
Chromium, hexavalent			0.250	0.277		mg/L		111	85 - 115		

Lab Sample ID: 240-213229-14 MSD
Matrix: Water
Analysis Batch: 631280

Client Sample ID: SB-17-GW-18-28
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Chromium, hexavalent	ND	H	0.250	0.244		mg/L					

Method: 7196A - Chromium, Hexavalent

Lab Sample ID: 240-213229-14 MS
Matrix: Water
Analysis Batch: 631280

Client Sample ID: SB-17-GW-18-28
Prep Type: Dissolved

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Chromium, hexavalent	ND	H	0.250	0.218		mg/L		87	85 - 115

Method: 9012B - Cyanide, Total andor Amenable

Lab Sample ID: MB 240-632248/17-A
Matrix: Water
Analysis Batch: 632434

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 632248

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cyanide, Total	0.00720	J	0.010	0.0060	mg/L		10/24/24 09:27	10/24/24 18:48	1

Lab Sample ID: MB 240-632248/1-A
Matrix: Solid
Analysis Batch: 632434

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 632248

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cyanide, Total	ND		0.57	0.45	mg/Kg		10/24/24 09:27	10/24/24 17:19	1

Lab Sample ID: LCS 240-632248/18-A
Matrix: Water
Analysis Batch: 632434

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 632248

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Cyanide, Total	0.327	0.337		mg/L		103	85 - 115

Lab Sample ID: LCS 240-632248/2-A
Matrix: Solid
Analysis Batch: 632434

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 632248

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Cyanide, Total	9.34	8.88		mg/Kg		95	65 - 128

Lab Sample ID: MRL 240-632434/10
Matrix: Solid
Analysis Batch: 632434

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	MRL Result	MRL Qualifier	Unit	D	%Rec	%Rec Limits
Cyanide, Total	0.0100	0.0127		mg/L		127	70 - 130

Lab Sample ID: MB 240-632506/1-A
Matrix: Water
Analysis Batch: 632661

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 632506

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cyanide, Total	ND		0.010	0.0060	mg/L		10/25/24 11:12	10/25/24 19:38	1

Method: 9012B - Cyanide, Total andor Amenable (Continued)

Lab Sample ID: LCS 240-632506/2-A
Matrix: Water
Analysis Batch: 632661

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 632506

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Cyanide, Total	0.327	0.338		mg/L		103	85 - 115

Lab Sample ID: MRL 240-632661/10
Matrix: Water
Analysis Batch: 632661

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	MRL Result	MRL Qualifier	Unit	D	%Rec	%Rec Limits
Cyanide, Total	0.0100	0.0113		mg/L		113	70 - 130

Lab Sample ID: MB 240-632928/1-A
Matrix: Solid
Analysis Batch: 632983

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 632928

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cyanide, Total	ND		0.52	0.41	mg/Kg		10/29/24 09:44	10/29/24 11:46	1

Lab Sample ID: LCS 240-632928/2-A
Matrix: Solid
Analysis Batch: 632983

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 632928

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Cyanide, Total	8.53	8.56		mg/Kg		100	65 - 128

Lab Sample ID: 240-213229-6 MS
Matrix: Solid
Analysis Batch: 632983

Client Sample ID: SB-13-14-16
Prep Type: Total/NA
Prep Batch: 632928

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Cyanide, Total	ND		0.893	1.07		mg/Kg	☼	120	24 - 140

Lab Sample ID: 240-213229-6 MSD
Matrix: Solid
Analysis Batch: 632983

Client Sample ID: SB-13-14-16
Prep Type: Total/NA
Prep Batch: 632928

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Cyanide, Total	ND		0.924	1.09		mg/Kg	☼	118	24 - 140	2	40

Lab Sample ID: MRL 240-632983/10
Matrix: Solid
Analysis Batch: 632983

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	MRL Result	MRL Qualifier	Unit	D	%Rec	%Rec Limits
Cyanide, Total	0.0100	0.0124		mg/L		124	70 - 130

Method: Moisture - Percent Moisture

Lab Sample ID: 240-213229-1 DU
Matrix: Solid
Analysis Batch: 631344

Client Sample ID: SB-10-4.0-6.0
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	DU Result	DU Qualifier	Unit	D	RPD	RPD Limit
Percent Solids	84.3		85.5		%		1	20
Percent Moisture	15.7		14.5		%		8	20

Lab Sample ID: 240-213229-6 DU
Matrix: Solid
Analysis Batch: 631344

Client Sample ID: SB-13-14-16
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	DU Result	DU Qualifier	Unit	D	RPD	RPD Limit
Percent Solids	89.6		89.3		%		0.3	20
Percent Moisture	10.4		10.7		%		3	20

Method: OIA-1677 - Cyanide, Free (Flow Injection)

Lab Sample ID: MB 410-568637/17
Matrix: Water
Analysis Batch: 568637

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cyanide, Free	ND		0.0060	0.0050	mg/L			10/28/24 13:32	1

Lab Sample ID: MB 410-568637/33
Matrix: Water
Analysis Batch: 568637

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cyanide, Free	ND		0.0060	0.0050	mg/L			10/28/24 14:12	1

Lab Sample ID: LCS 410-568637/16
Matrix: Water
Analysis Batch: 568637

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Cyanide, Free	0.0500	0.0568		mg/L		114	82 - 132

Lab Sample ID: LCS 410-568637/32
Matrix: Water
Analysis Batch: 568637

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Cyanide, Free	0.0500	0.0550		mg/L		110	82 - 132

Lab Sample ID: 240-213229-12 MS
Matrix: Water
Analysis Batch: 568637

Client Sample ID: SB-18-GW-14-24
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Cyanide, Free	ND		0.0500	0.0575		mg/L		115	82 - 130

Method: OIA-1677 - Cyanide, Free (Flow Injection) (Continued)

Lab Sample ID: 240-213229-12 MSD
Matrix: Water
Analysis Batch: 568637

Client Sample ID: SB-18-GW-14-24
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Cyanide, Free	ND		0.0500	0.0561		mg/L		112	82 - 130	2	11

Lab Sample ID: MB 410-569681/33
Matrix: Solid
Analysis Batch: 569681

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cyanide, Free	ND		0.0060	0.0050	mg/L			10/30/24 13:39	1

Lab Sample ID: MB 410-569681/49
Matrix: Solid
Analysis Batch: 569681

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cyanide, Free	ND		0.0060	0.0050	mg/L			10/30/24 14:19	1

Lab Sample ID: MB 410-569681/67
Matrix: Solid
Analysis Batch: 569681

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cyanide, Free	ND		0.0060	0.0050	mg/L			10/30/24 15:04	1

Lab Sample ID: LCS 410-569681/48
Matrix: Solid
Analysis Batch: 569681

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Cyanide, Free	0.0500	0.0522		mg/L		104	82 - 132

Lab Sample ID: LCS 410-569681/66
Matrix: Solid
Analysis Batch: 569681

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Cyanide, Free	0.0500	0.0438		mg/L		88	82 - 132

Lab Sample ID: 240-213229-6 MS
Matrix: Solid
Analysis Batch: 569681

Client Sample ID: SB-13-14-16
Prep Type: ASTM Leach

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Cyanide, Free	ND		0.0500	0.0486		mg/L		97	82 - 130

Lab Sample ID: 240-213229-6 MSD
Matrix: Solid
Analysis Batch: 569681

Client Sample ID: SB-13-14-16
Prep Type: ASTM Leach

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Cyanide, Free	ND		0.0500	0.0500		mg/L		100	82 - 130	3	11

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Analysis Batch: 631586

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
240-213229-1	SB-10-4.0-6.0	Total/NA	Solid	8260D	631687
240-213229-2	SB-10-10.0-12.0	Total/NA	Solid	8260D	631687
240-213229-3	SB-21-12.0-14.0	Total/NA	Solid	8260D	631687
240-213229-5	SB-13-18-20	Total/NA	Solid	8260D	631687
MB 240-631586/7	Method Blank	Total/NA	Solid	8260D	
LCS 240-631586/5	Lab Control Sample	Total/NA	Solid	8260D	

Prep Batch: 631687

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
240-213229-1	SB-10-4.0-6.0	Total/NA	Solid	5030C	
240-213229-2	SB-10-10.0-12.0	Total/NA	Solid	5030C	
240-213229-3	SB-21-12.0-14.0	Total/NA	Solid	5030C	
240-213229-5	SB-13-18-20	Total/NA	Solid	5030C	

Analysis Batch: 631807

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
240-213229-4	SB-21-16.0-18.0	Total/NA	Solid	8260D	631878
240-213229-6	SB-13-14-16	Total/NA	Solid	8260D	631878
240-213229-7	SB-13-16-18	Total/NA	Solid	8260D	631878
240-213229-8	SB-DUP-2	Total/NA	Solid	8260D	631878
MB 240-631807/7	Method Blank	Total/NA	Solid	8260D	
LCS 240-631807/5	Lab Control Sample	Total/NA	Solid	8260D	
240-213229-6 MS	SB-13-14-16	Total/NA	Solid	8260D	631878
240-213229-6 MSD	SB-13-14-16	Total/NA	Solid	8260D	631878

Prep Batch: 631878

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
240-213229-4	SB-21-16.0-18.0	Total/NA	Solid	5030C	
240-213229-6	SB-13-14-16	Total/NA	Solid	5030C	
240-213229-7	SB-13-16-18	Total/NA	Solid	5030C	
240-213229-8	SB-DUP-2	Total/NA	Solid	5030C	
240-213229-6 MS	SB-13-14-16	Total/NA	Solid	5030C	
240-213229-6 MSD	SB-13-14-16	Total/NA	Solid	5030C	

Analysis Batch: 632050

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
240-213229-9	TB-7-20241016	Total/NA	Water	8260D	
MB 240-632050/9	Method Blank	Total/NA	Water	8260D	
LCS 240-632050/5	Lab Control Sample	Total/NA	Water	8260D	

Analysis Batch: 632542

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
240-213229-10	SB-19-GW-18-28	Total/NA	Water	8260D	
240-213229-11	SB-20-GW-14-24	Total/NA	Water	8260D	
240-213229-12	SB-18-GW-14-24	Total/NA	Water	8260D	
240-213229-13	SB-16-GW-14-24	Total/NA	Water	8260D	
240-213229-14	SB-17-GW-18-28	Total/NA	Water	8260D	
MB 240-632542/9	Method Blank	Total/NA	Water	8260D	
LCS 240-632542/6	Lab Control Sample	Total/NA	Water	8260D	

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Analysis Batch: 632574

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
240-213229-15	SB-10-GW-18-28	Total/NA	Water	8260D	
240-213229-16	TB-4-20241016	Total/NA	Water	8260D	
240-213229-17	TB-5-20241016	Total/NA	Water	8260D	
240-213229-18	TB-6-20241016	Total/NA	Water	8260D	
MB 240-632574/7	Method Blank	Total/NA	Water	8260D	
LCS 240-632574/4	Lab Control Sample	Total/NA	Water	8260D	

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Prep Batch: 631401

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
240-213229-10	SB-19-GW-18-28	Total/NA	Water	3510C LVI	
240-213229-11	SB-20-GW-14-24	Total/NA	Water	3510C LVI	
240-213229-12	SB-18-GW-14-24	Total/NA	Water	3510C LVI	
240-213229-13	SB-16-GW-14-24	Total/NA	Water	3510C LVI	
240-213229-14	SB-17-GW-18-28	Total/NA	Water	3510C LVI	
240-213229-15	SB-10-GW-18-28	Total/NA	Water	3510C LVI	
MB 240-631401/1-A	Method Blank	Total/NA	Water	3510C LVI	
LCS 240-631401/2-A	Lab Control Sample	Total/NA	Water	3510C LVI	

Analysis Batch: 631580

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
240-213229-10	SB-19-GW-18-28	Total/NA	Water	8270E	631401
240-213229-11	SB-20-GW-14-24	Total/NA	Water	8270E	631401
240-213229-12	SB-18-GW-14-24	Total/NA	Water	8270E	631401
240-213229-13	SB-16-GW-14-24	Total/NA	Water	8270E	631401
240-213229-14	SB-17-GW-18-28	Total/NA	Water	8270E	631401
240-213229-15	SB-10-GW-18-28	Total/NA	Water	8270E	631401
MB 240-631401/1-A	Method Blank	Total/NA	Water	8270E	631401
LCS 240-631401/2-A	Lab Control Sample	Total/NA	Water	8270E	631401

Prep Batch: 632020

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
240-213229-12 - RE	SB-18-GW-14-24	Total/NA	Water	3510C LVI	
MB 240-632020/1-A	Method Blank	Total/NA	Water	3510C LVI	
LCS 240-632020/2-A	Lab Control Sample	Total/NA	Water	3510C LVI	

Prep Batch: 632058

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
240-213229-1	SB-10-4.0-6.0	Total/NA	Solid	3546	
240-213229-2	SB-10-10.0-12.0	Total/NA	Solid	3546	
240-213229-3	SB-21-12.0-14.0	Total/NA	Solid	3546	
240-213229-4	SB-21-16.0-18.0	Total/NA	Solid	3546	
240-213229-5	SB-13-18-20	Total/NA	Solid	3546	
240-213229-6	SB-13-14-16	Total/NA	Solid	3546	
240-213229-7	SB-13-16-18	Total/NA	Solid	3546	
240-213229-8	SB-DUP-2	Total/NA	Solid	3546	
MB 240-632058/1-A	Method Blank	Total/NA	Solid	3546	
LCS 240-632058/2-A	Lab Control Sample	Total/NA	Solid	3546	
240-213229-6 MS	SB-13-14-16	Total/NA	Solid	3546	
240-213229-6 MSD	SB-13-14-16	Total/NA	Solid	3546	

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Analysis Batch: 632180

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
240-213229-1	SB-10-4.0-6.0	Total/NA	Solid	8270E	632058
240-213229-2	SB-10-10.0-12.0	Total/NA	Solid	8270E	632058
240-213229-3	SB-21-12.0-14.0	Total/NA	Solid	8270E	632058
240-213229-4	SB-21-16.0-18.0	Total/NA	Solid	8270E	632058
240-213229-5	SB-13-18-20	Total/NA	Solid	8270E	632058
240-213229-6	SB-13-14-16	Total/NA	Solid	8270E	632058
240-213229-7	SB-13-16-18	Total/NA	Solid	8270E	632058
240-213229-8	SB-DUP-2	Total/NA	Solid	8270E	632058
MB 240-632058/1-A	Method Blank	Total/NA	Solid	8270E	632058
LCS 240-632058/2-A	Lab Control Sample	Total/NA	Solid	8270E	632058
240-213229-6 MS	SB-13-14-16	Total/NA	Solid	8270E	632058
240-213229-6 MSD	SB-13-14-16	Total/NA	Solid	8270E	632058

Analysis Batch: 632401

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
240-213229-12 - RE	SB-18-GW-14-24	Total/NA	Water	8270E	632020
MB 240-632020/1-A	Method Blank	Total/NA	Water	8270E	632020
LCS 240-632020/2-A	Lab Control Sample	Total/NA	Water	8270E	632020

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Prep Batch: 631397

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
240-213229-10	SB-19-GW-18-28	Total/NA	Water	3510C	
240-213229-11	SB-20-GW-14-24	Total/NA	Water	3510C	
240-213229-12	SB-18-GW-14-24	Total/NA	Water	3510C	
240-213229-13	SB-16-GW-14-24	Total/NA	Water	3510C	
240-213229-14	SB-17-GW-18-28	Total/NA	Water	3510C	
240-213229-15	SB-10-GW-18-28	Total/NA	Water	3510C	
MB 240-631397/1-A	Method Blank	Total/NA	Water	3510C	
LCS 240-631397/2-A	Lab Control Sample	Total/NA	Water	3510C	

Analysis Batch: 631742

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
240-213229-10	SB-19-GW-18-28	Total/NA	Water	8082A	631397
240-213229-11	SB-20-GW-14-24	Total/NA	Water	8082A	631397
240-213229-12	SB-18-GW-14-24	Total/NA	Water	8082A	631397
240-213229-13	SB-16-GW-14-24	Total/NA	Water	8082A	631397
240-213229-14	SB-17-GW-18-28	Total/NA	Water	8082A	631397
240-213229-15	SB-10-GW-18-28	Total/NA	Water	8082A	631397
MB 240-631397/1-A	Method Blank	Total/NA	Water	8082A	631397
LCS 240-631397/2-A	Lab Control Sample	Total/NA	Water	8082A	631397

Prep Batch: 631847

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
240-213229-1	SB-10-4.0-6.0	Total/NA	Solid	3546	
240-213229-2	SB-10-10.0-12.0	Total/NA	Solid	3546	
240-213229-3	SB-21-12.0-14.0	Total/NA	Solid	3546	
240-213229-4	SB-21-16.0-18.0	Total/NA	Solid	3546	
240-213229-5	SB-13-18-20	Total/NA	Solid	3546	
240-213229-6	SB-13-14-16	Total/NA	Solid	3546	

GC Semi VOA (Continued)

Prep Batch: 631847 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
240-213229-7	SB-13-16-18	Total/NA	Solid	3546	
240-213229-8	SB-DUP-2	Total/NA	Solid	3546	
MB 240-631847/1-A	Method Blank	Total/NA	Solid	3546	
LCS 240-631847/2-A	Lab Control Sample	Total/NA	Solid	3546	
240-213229-6 MS	SB-13-14-16	Total/NA	Solid	3546	
240-213229-6 MSD	SB-13-14-16	Total/NA	Solid	3546	

Analysis Batch: 631984

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
240-213229-1	SB-10-4.0-6.0	Total/NA	Solid	8082A	631847
240-213229-2	SB-10-10.0-12.0	Total/NA	Solid	8082A	631847
240-213229-3	SB-21-12.0-14.0	Total/NA	Solid	8082A	631847
240-213229-4	SB-21-16.0-18.0	Total/NA	Solid	8082A	631847
240-213229-5	SB-13-18-20	Total/NA	Solid	8082A	631847
240-213229-6	SB-13-14-16	Total/NA	Solid	8082A	631847
240-213229-7	SB-13-16-18	Total/NA	Solid	8082A	631847
240-213229-8	SB-DUP-2	Total/NA	Solid	8082A	631847
MB 240-631847/1-A	Method Blank	Total/NA	Solid	8082A	631847
LCS 240-631847/2-A	Lab Control Sample	Total/NA	Solid	8082A	631847
240-213229-6 MS	SB-13-14-16	Total/NA	Solid	8082A	631847
240-213229-6 MSD	SB-13-14-16	Total/NA	Solid	8082A	631847

Metals

Prep Batch: 631457

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
240-213229-10	SB-19-GW-18-28	Dissolved	Water	3005A	
240-213229-10	SB-19-GW-18-28	Total Recoverable	Water	3005A	
240-213229-11	SB-20-GW-14-24	Dissolved	Water	3005A	
240-213229-11	SB-20-GW-14-24	Total Recoverable	Water	3005A	
240-213229-12	SB-18-GW-14-24	Dissolved	Water	3005A	
240-213229-12	SB-18-GW-14-24	Total Recoverable	Water	3005A	
240-213229-13	SB-16-GW-14-24	Dissolved	Water	3005A	
240-213229-13	SB-16-GW-14-24	Total Recoverable	Water	3005A	
240-213229-14	SB-17-GW-18-28	Dissolved	Water	3005A	
240-213229-14	SB-17-GW-18-28	Total Recoverable	Water	3005A	
240-213229-15	SB-10-GW-18-28	Dissolved	Water	3005A	
240-213229-15	SB-10-GW-18-28	Total Recoverable	Water	3005A	
MB 240-631457/1-A	Method Blank	Total Recoverable	Water	3005A	
LCS 240-631457/2-A	Lab Control Sample	Total Recoverable	Water	3005A	

Prep Batch: 631461

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
240-213229-10	SB-19-GW-18-28	Dissolved	Water	7470A	
240-213229-10	SB-19-GW-18-28	Total/NA	Water	7470A	
240-213229-11	SB-20-GW-14-24	Dissolved	Water	7470A	
240-213229-11	SB-20-GW-14-24	Total/NA	Water	7470A	
240-213229-12	SB-18-GW-14-24	Dissolved	Water	7470A	
240-213229-12	SB-18-GW-14-24	Total/NA	Water	7470A	
240-213229-13	SB-16-GW-14-24	Dissolved	Water	7470A	
240-213229-13	SB-16-GW-14-24	Total/NA	Water	7470A	

Metals (Continued)

Prep Batch: 631461 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
240-213229-14	SB-17-GW-18-28	Dissolved	Water	7470A	
240-213229-14	SB-17-GW-18-28	Total/NA	Water	7470A	
240-213229-15	SB-10-GW-18-28	Dissolved	Water	7470A	
240-213229-15	SB-10-GW-18-28	Total/NA	Water	7470A	
MB 240-631461/1-A	Method Blank	Total/NA	Water	7470A	
LCS 240-631461/2-A	Lab Control Sample	Total/NA	Water	7470A	

Prep Batch: 631486

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
240-213229-1	SB-10-4.0-6.0	Total/NA	Solid	3050B	
240-213229-2	SB-10-10.0-12.0	Total/NA	Solid	3050B	
240-213229-3	SB-21-12.0-14.0	Total/NA	Solid	3050B	
240-213229-4	SB-21-16.0-18.0	Total/NA	Solid	3050B	
240-213229-5	SB-13-18-20	Total/NA	Solid	3050B	
240-213229-6	SB-13-14-16	Total/NA	Solid	3050B	
240-213229-7	SB-13-16-18	Total/NA	Solid	3050B	
240-213229-8	SB-DUP-2	Total/NA	Solid	3050B	
MB 240-631486/1-A	Method Blank	Total/NA	Solid	3050B	
LCS 240-631486/2-A	Lab Control Sample	Total/NA	Solid	3050B	
240-213229-6 MS	SB-13-14-16	Total/NA	Solid	3050B	
240-213229-6 MSD	SB-13-14-16	Total/NA	Solid	3050B	

Prep Batch: 631491

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
240-213229-1	SB-10-4.0-6.0	Total/NA	Solid	7471B	
240-213229-2	SB-10-10.0-12.0	Total/NA	Solid	7471B	
240-213229-3	SB-21-12.0-14.0	Total/NA	Solid	7471B	
240-213229-4	SB-21-16.0-18.0	Total/NA	Solid	7471B	
240-213229-5	SB-13-18-20	Total/NA	Solid	7471B	
240-213229-6	SB-13-14-16	Total/NA	Solid	7471B	
240-213229-7	SB-13-16-18	Total/NA	Solid	7471B	
240-213229-8	SB-DUP-2	Total/NA	Solid	7471B	
MB 240-631491/1-A	Method Blank	Total/NA	Solid	7471B	
LCS 240-631491/2-A	Lab Control Sample	Total/NA	Solid	7471B	
240-213229-6 MS	SB-13-14-16	Total/NA	Solid	7471B	
240-213229-6 MSD	SB-13-14-16	Total/NA	Solid	7471B	

Analysis Batch: 631722

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
240-213229-1	SB-10-4.0-6.0	Total/NA	Solid	6010D	631486
240-213229-2	SB-10-10.0-12.0	Total/NA	Solid	6010D	631486
240-213229-3	SB-21-12.0-14.0	Total/NA	Solid	6010D	631486
240-213229-4	SB-21-16.0-18.0	Total/NA	Solid	6010D	631486
240-213229-5	SB-13-18-20	Total/NA	Solid	6010D	631486
240-213229-6	SB-13-14-16	Total/NA	Solid	6010D	631486
240-213229-7	SB-13-16-18	Total/NA	Solid	6010D	631486
240-213229-8	SB-DUP-2	Total/NA	Solid	6010D	631486
240-213229-10	SB-19-GW-18-28	Dissolved	Water	6010D	631457
240-213229-10	SB-19-GW-18-28	Total Recoverable	Water	6010D	631457
240-213229-11	SB-20-GW-14-24	Dissolved	Water	6010D	631457
240-213229-11	SB-20-GW-14-24	Total Recoverable	Water	6010D	631457

Metals (Continued)

Analysis Batch: 631722 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
240-213229-12	SB-18-GW-14-24	Dissolved	Water	6010D	631457
240-213229-12	SB-18-GW-14-24	Total Recoverable	Water	6010D	631457
240-213229-13	SB-16-GW-14-24	Dissolved	Water	6010D	631457
240-213229-13	SB-16-GW-14-24	Total Recoverable	Water	6010D	631457
240-213229-14	SB-17-GW-18-28	Dissolved	Water	6010D	631457
240-213229-14	SB-17-GW-18-28	Total Recoverable	Water	6010D	631457
240-213229-15	SB-10-GW-18-28	Dissolved	Water	6010D	631457
240-213229-15	SB-10-GW-18-28	Total Recoverable	Water	6010D	631457
MB 240-631457/1-A	Method Blank	Total Recoverable	Water	6010D	631457
MB 240-631486/1-A	Method Blank	Total/NA	Solid	6010D	631486
LCS 240-631457/2-A	Lab Control Sample	Total Recoverable	Water	6010D	631457
LCS 240-631486/2-A	Lab Control Sample	Total/NA	Solid	6010D	631486
240-213229-6 MS	SB-13-14-16	Total/NA	Solid	6010D	631486
240-213229-6 MSD	SB-13-14-16	Total/NA	Solid	6010D	631486

Analysis Batch: 631730

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
MB 240-631461/1-A	Method Blank	Total/NA	Water	7470A	631461
LCS 240-631461/2-A	Lab Control Sample	Total/NA	Water	7470A	631461

Analysis Batch: 631734

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
240-213229-1	SB-10-4.0-6.0	Total/NA	Solid	7471B	631491
240-213229-2	SB-10-10.0-12.0	Total/NA	Solid	7471B	631491
240-213229-3	SB-21-12.0-14.0	Total/NA	Solid	7471B	631491
240-213229-4	SB-21-16.0-18.0	Total/NA	Solid	7471B	631491
240-213229-5	SB-13-18-20	Total/NA	Solid	7471B	631491
240-213229-6	SB-13-14-16	Total/NA	Solid	7471B	631491
240-213229-7	SB-13-16-18	Total/NA	Solid	7471B	631491
240-213229-8	SB-DUP-2	Total/NA	Solid	7471B	631491
MB 240-631491/1-A	Method Blank	Total/NA	Solid	7471B	631491
LCS 240-631491/2-A	Lab Control Sample	Total/NA	Solid	7471B	631491
240-213229-6 MS	SB-13-14-16	Total/NA	Solid	7471B	631491
240-213229-6 MSD	SB-13-14-16	Total/NA	Solid	7471B	631491

Analysis Batch: 631795

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
240-213229-10	SB-19-GW-18-28	Dissolved	Water	7470A	631461
240-213229-10	SB-19-GW-18-28	Total/NA	Water	7470A	631461
240-213229-11	SB-20-GW-14-24	Dissolved	Water	7470A	631461
240-213229-11	SB-20-GW-14-24	Total/NA	Water	7470A	631461
240-213229-12	SB-18-GW-14-24	Dissolved	Water	7470A	631461
240-213229-12	SB-18-GW-14-24	Total/NA	Water	7470A	631461
240-213229-13	SB-16-GW-14-24	Dissolved	Water	7470A	631461
240-213229-13	SB-16-GW-14-24	Total/NA	Water	7470A	631461
240-213229-14	SB-17-GW-18-28	Dissolved	Water	7470A	631461
240-213229-14	SB-17-GW-18-28	Total/NA	Water	7470A	631461
240-213229-15	SB-10-GW-18-28	Dissolved	Water	7470A	631461
240-213229-15	SB-10-GW-18-28	Total/NA	Water	7470A	631461

General Chemistry

Leach Batch: 566255

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
240-213229-1	SB-10-4.0-6.0	ASTM Leach	Solid	D3987-85	
240-213229-2	SB-10-10.0-12.0	ASTM Leach	Solid	D3987-85	
240-213229-3	SB-21-12.0-14.0	ASTM Leach	Solid	D3987-85	
240-213229-4	SB-21-16.0-18.0	ASTM Leach	Solid	D3987-85	
240-213229-5	SB-13-18-20	ASTM Leach	Solid	D3987-85	
240-213229-6	SB-13-14-16	ASTM Leach	Solid	D3987-85	
240-213229-7	SB-13-16-18	ASTM Leach	Solid	D3987-85	
240-213229-8	SB-DUP-2	ASTM Leach	Solid	D3987-85	
240-213229-6 MS	SB-13-14-16	ASTM Leach	Solid	D3987-85	
240-213229-6 MSD	SB-13-14-16	ASTM Leach	Solid	D3987-85	

Prep Batch: 568503

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
240-213229-1	SB-10-4.0-6.0	Total/NA	Solid	3060A	
240-213229-2	SB-10-10.0-12.0	Total/NA	Solid	3060A	
240-213229-3	SB-21-12.0-14.0	Total/NA	Solid	3060A	
240-213229-4	SB-21-16.0-18.0	Total/NA	Solid	3060A	
240-213229-5	SB-13-18-20	Total/NA	Solid	3060A	
240-213229-6	SB-13-14-16	Total/NA	Solid	3060A	
240-213229-7	SB-13-16-18	Total/NA	Solid	3060A	
240-213229-8	SB-DUP-2	Total/NA	Solid	3060A	
MB 410-568503/1-A	Method Blank	Total/NA	Solid	3060A	
LCS 410-568503/2-A	Lab Control Sample	Total/NA	Solid	3060A	
LCSI 410-568503/3-A	Lab Control Sample	Total/NA	Solid	3060A	
240-213229-6 MSI	SB-13-14-16	Total/NA	Solid	3060A	
240-213229-6 MSS	SB-13-14-16	Total/NA	Solid	3060A	
240-213229-6 DU	SB-13-14-16	Total/NA	Solid	3060A	

Analysis Batch: 568637

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
240-213229-10	SB-19-GW-18-28	Total/NA	Water	OIA-1677	
240-213229-11	SB-20-GW-14-24	Total/NA	Water	OIA-1677	
240-213229-12	SB-18-GW-14-24	Total/NA	Water	OIA-1677	
240-213229-13	SB-16-GW-14-24	Total/NA	Water	OIA-1677	
240-213229-14	SB-17-GW-18-28	Total/NA	Water	OIA-1677	
240-213229-15	SB-10-GW-18-28	Total/NA	Water	OIA-1677	
MB 410-568637/17	Method Blank	Total/NA	Water	OIA-1677	
MB 410-568637/33	Method Blank	Total/NA	Water	OIA-1677	
LCS 410-568637/16	Lab Control Sample	Total/NA	Water	OIA-1677	
LCS 410-568637/32	Lab Control Sample	Total/NA	Water	OIA-1677	
240-213229-12 MS	SB-18-GW-14-24	Total/NA	Water	OIA-1677	
240-213229-12 MSD	SB-18-GW-14-24	Total/NA	Water	OIA-1677	

Analysis Batch: 569237

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
240-213229-1	SB-10-4.0-6.0	Total/NA	Solid	7196A	568503
240-213229-2	SB-10-10.0-12.0	Total/NA	Solid	7196A	568503
240-213229-3	SB-21-12.0-14.0	Total/NA	Solid	7196A	568503
240-213229-4	SB-21-16.0-18.0	Total/NA	Solid	7196A	568503
240-213229-5	SB-13-18-20	Total/NA	Solid	7196A	568503
240-213229-6	SB-13-14-16	Total/NA	Solid	7196A	568503

General Chemistry (Continued)

Analysis Batch: 569237 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
240-213229-7	SB-13-16-18	Total/NA	Solid	7196A	568503
240-213229-8	SB-DUP-2	Total/NA	Solid	7196A	568503
MB 410-568503/1-A	Method Blank	Total/NA	Solid	7196A	568503
LCS 410-568503/2-A	Lab Control Sample	Total/NA	Solid	7196A	568503
LCSI 410-568503/3-A	Lab Control Sample	Total/NA	Solid	7196A	568503
240-213229-6 MSI	SB-13-14-16	Total/NA	Solid	7196A	568503
240-213229-6 MSS	SB-13-14-16	Total/NA	Solid	7196A	568503
240-213229-6 DU	SB-13-14-16	Total/NA	Solid	7196A	568503

Analysis Batch: 569681

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
240-213229-1	SB-10-4.0-6.0	ASTM Leach	Solid	OIA-1677	566255
240-213229-2	SB-10-10.0-12.0	ASTM Leach	Solid	OIA-1677	566255
240-213229-3	SB-21-12.0-14.0	ASTM Leach	Solid	OIA-1677	566255
240-213229-4	SB-21-16.0-18.0	ASTM Leach	Solid	OIA-1677	566255
240-213229-5	SB-13-18-20	ASTM Leach	Solid	OIA-1677	566255
240-213229-6	SB-13-14-16	ASTM Leach	Solid	OIA-1677	566255
240-213229-7	SB-13-16-18	ASTM Leach	Solid	OIA-1677	566255
240-213229-8	SB-DUP-2	ASTM Leach	Solid	OIA-1677	566255
MB 410-569681/33	Method Blank	Total/NA	Solid	OIA-1677	
MB 410-569681/49	Method Blank	Total/NA	Solid	OIA-1677	
MB 410-569681/67	Method Blank	Total/NA	Solid	OIA-1677	
LCS 410-569681/48	Lab Control Sample	Total/NA	Solid	OIA-1677	
LCS 410-569681/66	Lab Control Sample	Total/NA	Solid	OIA-1677	
240-213229-6 MS	SB-13-14-16	ASTM Leach	Solid	OIA-1677	566255
240-213229-6 MSD	SB-13-14-16	ASTM Leach	Solid	OIA-1677	566255

Analysis Batch: 631280

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
240-213229-10	SB-19-GW-18-28	Dissolved	Water	7196A	
240-213229-10	SB-19-GW-18-28	Total/NA	Water	7196A	
240-213229-11	SB-20-GW-14-24	Dissolved	Water	7196A	
240-213229-11	SB-20-GW-14-24	Total/NA	Water	7196A	
240-213229-12	SB-18-GW-14-24	Dissolved	Water	7196A	
240-213229-12	SB-18-GW-14-24	Total/NA	Water	7196A	
240-213229-13	SB-16-GW-14-24	Dissolved	Water	7196A	
240-213229-13	SB-16-GW-14-24	Total/NA	Water	7196A	
240-213229-14	SB-17-GW-18-28	Dissolved	Water	7196A	
240-213229-14	SB-17-GW-18-28	Total/NA	Water	7196A	
240-213229-15	SB-10-GW-18-28	Dissolved	Water	7196A	
240-213229-15	SB-10-GW-18-28	Total/NA	Water	7196A	
MB 240-631280/3	Method Blank	Total/NA	Water	7196A	
LCS 240-631280/4	Lab Control Sample	Total/NA	Water	7196A	
240-213229-14 MS	SB-17-GW-18-28	Dissolved	Water	7196A	
240-213229-14 MSD	SB-17-GW-18-28	Total/NA	Water	7196A	

Analysis Batch: 631344

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
240-213229-1	SB-10-4.0-6.0	Total/NA	Solid	Moisture	
240-213229-2	SB-10-10.0-12.0	Total/NA	Solid	Moisture	
240-213229-3	SB-21-12.0-14.0	Total/NA	Solid	Moisture	

General Chemistry (Continued)

Analysis Batch: 631344 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
240-213229-4	SB-21-16.0-18.0	Total/NA	Solid	Moisture	
240-213229-5	SB-13-18-20	Total/NA	Solid	Moisture	
240-213229-6	SB-13-14-16	Total/NA	Solid	Moisture	
240-213229-7	SB-13-16-18	Total/NA	Solid	Moisture	
240-213229-8	SB-DUP-2	Total/NA	Solid	Moisture	
240-213229-1 DU	SB-10-4.0-6.0	Total/NA	Solid	Moisture	
240-213229-6 DU	SB-13-14-16	Total/NA	Solid	Moisture	

Prep Batch: 632248

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
240-213229-1	SB-10-4.0-6.0	Total/NA	Solid	9012B	
240-213229-2	SB-10-10.0-12.0	Total/NA	Solid	9012B	
240-213229-3	SB-21-12.0-14.0	Total/NA	Solid	9012B	
240-213229-4	SB-21-16.0-18.0	Total/NA	Solid	9012B	
240-213229-10	SB-19-GW-18-28	Total/NA	Water	9012B	
240-213229-11	SB-20-GW-14-24	Total/NA	Water	9012B	
240-213229-12	SB-18-GW-14-24	Total/NA	Water	9012B	
240-213229-13	SB-16-GW-14-24	Total/NA	Water	9012B	
240-213229-14	SB-17-GW-18-28	Total/NA	Water	9012B	
MB 240-632248/17-A	Method Blank	Total/NA	Water	9012B	
MB 240-632248/1-A	Method Blank	Total/NA	Solid	9012B	
LCS 240-632248/18-A	Lab Control Sample	Total/NA	Water	9012B	
LCS 240-632248/2-A	Lab Control Sample	Total/NA	Solid	9012B	

Analysis Batch: 632434

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
240-213229-1	SB-10-4.0-6.0	Total/NA	Solid	9012B	632248
240-213229-2	SB-10-10.0-12.0	Total/NA	Solid	9012B	632248
240-213229-3	SB-21-12.0-14.0	Total/NA	Solid	9012B	632248
240-213229-4	SB-21-16.0-18.0	Total/NA	Solid	9012B	632248
240-213229-10	SB-19-GW-18-28	Total/NA	Water	9012B	632248
240-213229-11	SB-20-GW-14-24	Total/NA	Water	9012B	632248
240-213229-12	SB-18-GW-14-24	Total/NA	Water	9012B	632248
240-213229-13	SB-16-GW-14-24	Total/NA	Water	9012B	632248
240-213229-14	SB-17-GW-18-28	Total/NA	Water	9012B	632248
MB 240-632248/17-A	Method Blank	Total/NA	Water	9012B	632248
MB 240-632248/1-A	Method Blank	Total/NA	Solid	9012B	632248
LCS 240-632248/18-A	Lab Control Sample	Total/NA	Water	9012B	632248
LCS 240-632248/2-A	Lab Control Sample	Total/NA	Solid	9012B	632248
MRL 240-632434/10	Lab Control Sample	Total/NA	Solid	9012B	

Prep Batch: 632506

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
240-213229-15	SB-10-GW-18-28	Total/NA	Water	9012B	
MB 240-632506/1-A	Method Blank	Total/NA	Water	9012B	
LCS 240-632506/2-A	Lab Control Sample	Total/NA	Water	9012B	

Analysis Batch: 632661

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
240-213229-15	SB-10-GW-18-28	Total/NA	Water	9012B	632506
MB 240-632506/1-A	Method Blank	Total/NA	Water	9012B	632506

General Chemistry (Continued)

Analysis Batch: 632661 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
LCS 240-632506/2-A	Lab Control Sample	Total/NA	Water	9012B	632506
MRL 240-632661/10	Lab Control Sample	Total/NA	Water	9012B	

Prep Batch: 632928

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
240-213229-5	SB-13-18-20	Total/NA	Solid	9012B	
240-213229-6	SB-13-14-16	Total/NA	Solid	9012B	
240-213229-7	SB-13-16-18	Total/NA	Solid	9012B	
240-213229-8	SB-DUP-2	Total/NA	Solid	9012B	
MB 240-632928/1-A	Method Blank	Total/NA	Solid	9012B	
LCS 240-632928/2-A	Lab Control Sample	Total/NA	Solid	9012B	
240-213229-6 MS	SB-13-14-16	Total/NA	Solid	9012B	
240-213229-6 MSD	SB-13-14-16	Total/NA	Solid	9012B	

Analysis Batch: 632983

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
240-213229-5	SB-13-18-20	Total/NA	Solid	9012B	632928
240-213229-6	SB-13-14-16	Total/NA	Solid	9012B	632928
240-213229-7	SB-13-16-18	Total/NA	Solid	9012B	632928
240-213229-8	SB-DUP-2	Total/NA	Solid	9012B	632928
MB 240-632928/1-A	Method Blank	Total/NA	Solid	9012B	632928
LCS 240-632928/2-A	Lab Control Sample	Total/NA	Solid	9012B	632928
MRL 240-632983/10	Lab Control Sample	Total/NA	Solid	9012B	
240-213229-6 MS	SB-13-14-16	Total/NA	Solid	9012B	632928
240-213229-6 MSD	SB-13-14-16	Total/NA	Solid	9012B	632928

Client Sample ID: SB-10-4.0-6.0
Lab Sample ID: 240-213229-1

Date Collected: 10/15/24 15:53
Matrix: Solid

Date Received: 10/16/24 16:16

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	Moisture		1	631344	GZF4	EET CLE	10/17/24 17:30
ASTM Leach	Leach	D3987-85			566255	UNWS	ELLE	10/22/24 15:19 - 10/23/24 09:10 [1]
ASTM Leach	Analysis	OIA-1677		1	569681	UJE2	ELLE	10/30/24 14:44

Client Sample ID: SB-10-4.0-6.0
Lab Sample ID: 240-213229-1

Date Collected: 10/15/24 15:53
Matrix: Solid

Date Received: 10/16/24 16:16
Percent Solids: 84.3

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5030C			631687	TJL2	EET CLE	10/21/24 10:32
Total/NA	Analysis	8260D		1	631586	TJL2	EET CLE	10/21/24 17:39
Total/NA	Prep	3546			632058	BV1	EET CLE	10/23/24 09:10
Total/NA	Analysis	8270E		1	632180	LKG	EET CLE	10/24/24 10:17
Total/NA	Prep	3546			631847	BV1	EET CLE	10/22/24 09:44
Total/NA	Analysis	8082A		1	631984	LSH	EET CLE	10/23/24 10:33
Total/NA	Prep	3050B			631486	DEE	EET CLE	10/18/24 15:00
Total/NA	Analysis	6010D		1	631722	RKT	EET CLE	10/21/24 22:34
Total/NA	Prep	7471B			631491	DEE	EET CLE	10/18/24 15:00
Total/NA	Analysis	7471B		1	631734	S4FJ	EET CLE	10/21/24 12:34
Total/NA	Prep	3060A			568503	W2JF	ELLE	10/28/24 10:33
Total/NA	Analysis	7196A		1	569237	UDS7	ELLE	10/29/24 20:02
Total/NA	Prep	9012B			632248	C5SV	EET CLE	10/24/24 09:27
Total/NA	Analysis	9012B		1	632434	C5SV	EET CLE	10/24/24 17:43

Client Sample ID: SB-10-10.0-12.0
Lab Sample ID: 240-213229-2

Date Collected: 10/15/24 16:08
Matrix: Solid

Date Received: 10/16/24 16:16

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	Moisture		1	631344	GZF4	EET CLE	10/17/24 17:31
ASTM Leach	Leach	D3987-85			566255	UNWS	ELLE	10/22/24 15:19 - 10/23/24 09:10 [1]
ASTM Leach	Analysis	OIA-1677		1	569681	UJE2	ELLE	10/30/24 14:47

Client Sample ID: SB-10-10.0-12.0
Lab Sample ID: 240-213229-2

Date Collected: 10/15/24 16:08
Matrix: Solid

Date Received: 10/16/24 16:16
Percent Solids: 83.5

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5030C			631687	TJL2	EET CLE	10/21/24 10:32
Total/NA	Analysis	8260D		1	631586	TJL2	EET CLE	10/21/24 18:00
Total/NA	Prep	3546			632058	BV1	EET CLE	10/23/24 09:10
Total/NA	Analysis	8270E		1	632180	LKG	EET CLE	10/24/24 10:40
Total/NA	Prep	3546			631847	BV1	EET CLE	10/22/24 09:44
Total/NA	Analysis	8082A		1	631984	LSH	EET CLE	10/23/24 10:49

Client Sample ID: SB-10-10.0-12.0
Lab Sample ID: 240-213229-2

Date Collected: 10/15/24 16:08
Matrix: Solid
Date Received: 10/16/24 16:16
Percent Solids: 83.5

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	3050B			631486	DEE	EET CLE	10/18/24 15:00
Total/NA	Analysis	6010D		1	631722	RKT	EET CLE	10/21/24 22:39
Total/NA	Prep	7471B			631491	DEE	EET CLE	10/18/24 15:00
Total/NA	Analysis	7471B		1	631734	S4FJ	EET CLE	10/21/24 12:36
Total/NA	Prep	3060A			568503	W2JF	ELLE	10/28/24 10:33
Total/NA	Analysis	7196A		1	569237	UDS7	ELLE	10/29/24 20:02
Total/NA	Prep	9012B			632248	C5SV	EET CLE	10/24/24 09:27
Total/NA	Analysis	9012B		1	632434	C5SV	EET CLE	10/24/24 17:45

Client Sample ID: SB-21-12.0-14.0
Lab Sample ID: 240-213229-3

Date Collected: 10/16/24 09:49
Matrix: Solid
Date Received: 10/16/24 16:16

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	Moisture		1	631344	GZF4	EET CLE	10/17/24 17:33
ASTM Leach	Leach	D3987-85			566255	UNWS	ELLE	10/22/24 15:19 - 10/23/24 09:10 [1]
ASTM Leach	Analysis	OIA-1677		1	569681	UJE2	ELLE	10/30/24 14:49

Client Sample ID: SB-21-12.0-14.0
Lab Sample ID: 240-213229-3

Date Collected: 10/16/24 09:49
Matrix: Solid
Date Received: 10/16/24 16:16
Percent Solids: 88.9

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5030C			631687	TJL2	EET CLE	10/21/24 10:32
Total/NA	Analysis	8260D		1	631586	TJL2	EET CLE	10/21/24 18:21
Total/NA	Prep	3546			632058	BV1	EET CLE	10/23/24 09:10
Total/NA	Analysis	8270E		1	632180	LKG	EET CLE	10/24/24 11:04
Total/NA	Prep	3546			631847	BV1	EET CLE	10/22/24 09:44
Total/NA	Analysis	8082A		1	631984	LSH	EET CLE	10/23/24 11:04
Total/NA	Prep	3050B			631486	DEE	EET CLE	10/18/24 15:00
Total/NA	Analysis	6010D		1	631722	RKT	EET CLE	10/21/24 22:43
Total/NA	Prep	7471B			631491	DEE	EET CLE	10/18/24 15:00
Total/NA	Analysis	7471B		1	631734	S4FJ	EET CLE	10/21/24 12:38
Total/NA	Prep	3060A			568503	W2JF	ELLE	10/28/24 10:33
Total/NA	Analysis	7196A		1	569237	UDS7	ELLE	10/29/24 20:02
Total/NA	Prep	9012B			632248	C5SV	EET CLE	10/24/24 09:27
Total/NA	Analysis	9012B		1	632434	C5SV	EET CLE	10/24/24 17:47

Client Sample ID: SB-21-16.0-18.0
Lab Sample ID: 240-213229-4

Date Collected: 10/16/24 09:55
Matrix: Solid
Date Received: 10/16/24 16:16

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	Moisture		1	631344	GZF4	EET CLE	10/17/24 17:34

Client Sample ID: SB-21-16.0-18.0
Lab Sample ID: 240-213229-4

Date Collected: 10/16/24 09:55
Matrix: Solid
Date Received: 10/16/24 16:16

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
ASTM Leach	Leach	D3987-85			566255	UNWS	ELLE	10/22/24 15:19 - 10/23/24 09:10 [1]
ASTM Leach	Analysis	OIA-1677		1	569681	UJE2	ELLE	10/30/24 14:57

Client Sample ID: SB-21-16.0-18.0
Lab Sample ID: 240-213229-4

Date Collected: 10/16/24 09:55
Matrix: Solid
Date Received: 10/16/24 16:16
Percent Solids: 86.8

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5030C			631878	TJL2	EET CLE	10/22/24 10:32
Total/NA	Analysis	8260D		1	631807	TJL2	EET CLE	10/22/24 17:26
Total/NA	Prep	3546			632058	BV1	EET CLE	10/23/24 09:10
Total/NA	Analysis	8270E		1	632180	LKG	EET CLE	10/24/24 11:28
Total/NA	Prep	3546			631847	BV1	EET CLE	10/22/24 09:44
Total/NA	Analysis	8082A		1	631984	LSH	EET CLE	10/23/24 11:20
Total/NA	Prep	3050B			631486	DEE	EET CLE	10/18/24 15:00
Total/NA	Analysis	6010D		1	631722	RKT	EET CLE	10/21/24 22:47
Total/NA	Prep	7471B			631491	DEE	EET CLE	10/18/24 15:00
Total/NA	Analysis	7471B		1	631734	S4FJ	EET CLE	10/21/24 12:39
Total/NA	Prep	3060A			568503	W2JF	ELLE	10/28/24 10:33
Total/NA	Analysis	7196A		1	569237	UDS7	ELLE	10/29/24 20:02
Total/NA	Prep	9012B			632248	C5SV	EET CLE	10/24/24 09:27
Total/NA	Analysis	9012B		1	632434	C5SV	EET CLE	10/24/24 17:49

Client Sample ID: SB-13-18-20
Lab Sample ID: 240-213229-5

Date Collected: 10/16/24 11:50
Matrix: Solid
Date Received: 10/16/24 16:16

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	Moisture		1	631344	GZF4	EET CLE	10/17/24 17:35
ASTM Leach	Leach	D3987-85			566255	UNWS	ELLE	10/22/24 15:19 - 10/23/24 09:10 [1]
ASTM Leach	Analysis	OIA-1677		1	569681	UJE2	ELLE	10/30/24 14:59

Client Sample ID: SB-13-18-20
Lab Sample ID: 240-213229-5

Date Collected: 10/16/24 11:50
Matrix: Solid
Date Received: 10/16/24 16:16
Percent Solids: 86.1

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5030C			631687	TJL2	EET CLE	10/21/24 10:32
Total/NA	Analysis	8260D		1	631586	TJL2	EET CLE	10/21/24 19:04
Total/NA	Prep	3546			632058	BV1	EET CLE	10/23/24 09:10
Total/NA	Analysis	8270E		1	632180	LKG	EET CLE	10/24/24 11:52
Total/NA	Prep	3546			631847	BV1	EET CLE	10/22/24 09:44
Total/NA	Analysis	8082A		1	631984	LSH	EET CLE	10/23/24 11:36
Total/NA	Prep	3050B			631486	DEE	EET CLE	10/18/24 15:00
Total/NA	Analysis	6010D		1	631722	RKT	EET CLE	10/21/24 22:51

Lab Chronicle

Client: August Mack Environmental, Inc.
Project/Site: MSC Canfield

Job ID: 240-213229-1

Client Sample ID: SB-13-18-20

Lab Sample ID: 240-213229-5

Date Collected: 10/16/24 11:50
Date Received: 10/16/24 16:16

Matrix: Solid
Percent Solids: 86.1

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	7471B			631491	DEE	EET CLE	10/18/24 15:00
Total/NA	Analysis	7471B		1	631734	S4FJ	EET CLE	10/21/24 12:41
Total/NA	Prep	3060A			568503	W2JF	ELLE	10/28/24 10:33
Total/NA	Analysis	7196A		1	569237	UDS7	ELLE	10/29/24 20:02
Total/NA	Prep	9012B			632928	C5SV	EET CLE	10/29/24 09:44
Total/NA	Analysis	9012B		1	632983	C5SV	EET CLE	10/29/24 11:57

Client Sample ID: SB-13-14-16

Lab Sample ID: 240-213229-6

Date Collected: 10/16/24 11:45
Date Received: 10/16/24 16:16

Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	Moisture		1	631344	GZF4	EET CLE	10/17/24 17:36
ASTM Leach	Leach	D3987-85			566255	UNWS	ELLE	10/22/24 15:19 - 10/23/24 09:10 [1]
ASTM Leach	Analysis	OIA-1677		1	569681	UJE2	ELLE	10/30/24 15:07

Client Sample ID: SB-13-14-16

Lab Sample ID: 240-213229-6

Date Collected: 10/16/24 11:45
Date Received: 10/16/24 16:16

Matrix: Solid
Percent Solids: 89.6

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5030C			631878	TJL2	EET CLE	10/22/24 10:32
Total/NA	Analysis	8260D		1	631807	TJL2	EET CLE	10/22/24 17:47
Total/NA	Prep	3546			632058	BV1	EET CLE	10/23/24 09:10
Total/NA	Analysis	8270E		1	632180	LKG	EET CLE	10/24/24 12:16
Total/NA	Prep	3546			631847	BV1	EET CLE	10/22/24 09:44
Total/NA	Analysis	8082A		1	631984	LSH	EET CLE	10/23/24 11:52
Total/NA	Prep	3050B			631486	DEE	EET CLE	10/18/24 15:00
Total/NA	Analysis	6010D		1	631722	RKT	EET CLE	10/21/24 22:05
Total/NA	Prep	7471B			631491	DEE	EET CLE	10/18/24 15:00
Total/NA	Analysis	7471B		1	631734	S4FJ	EET CLE	10/21/24 12:29
Total/NA	Prep	3060A			568503	W2JF	ELLE	10/28/24 10:33
Total/NA	Analysis	7196A		1	569237	UDS7	ELLE	10/29/24 20:02
Total/NA	Prep	9012B			632928	C5SV	EET CLE	10/29/24 09:44
Total/NA	Analysis	9012B		1	632983	C5SV	EET CLE	10/29/24 11:52

Client Sample ID: SB-13-16-18

Lab Sample ID: 240-213229-7

Date Collected: 10/16/24 11:48
Date Received: 10/16/24 16:16

Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	Moisture		1	631344	GZF4	EET CLE	10/17/24 17:39
ASTM Leach	Leach	D3987-85			566255	UNWS	ELLE	10/22/24 15:19 - 10/23/24 09:10 [1]
ASTM Leach	Analysis	OIA-1677		1	569681	UJE2	ELLE	10/30/24 15:14

Lab Chronicle

Client: August Mack Environmental, Inc.
Project/Site: MSC Canfield

Job ID: 240-213229-1

Client Sample ID: SB-13-16-18

Lab Sample ID: 240-213229-7

Date Collected: 10/16/24 11:48
Date Received: 10/16/24 16:16

Matrix: Solid
Percent Solids: 86.7

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5030C			631878	TJL2	EET CLE	10/22/24 10:32
Total/NA	Analysis	8260D		1	631807	TJL2	EET CLE	10/22/24 19:13
Total/NA	Prep	3546			632058	BV1	EET CLE	10/23/24 09:10
Total/NA	Analysis	8270E		1	632180	LKG	EET CLE	10/24/24 13:28
Total/NA	Prep	3546			631847	BV1	EET CLE	10/22/24 09:44
Total/NA	Analysis	8082A		1	631984	LSH	EET CLE	10/23/24 12:39
Total/NA	Prep	3050B			631486	DEE	EET CLE	10/18/24 15:00
Total/NA	Analysis	6010D		1	631722	RKT	EET CLE	10/21/24 22:56
Total/NA	Prep	7471B			631491	DEE	EET CLE	10/18/24 15:00
Total/NA	Analysis	7471B		1	631734	S4FJ	EET CLE	10/21/24 12:43
Total/NA	Prep	3060A			568503	W2JF	ELLE	10/28/24 10:33
Total/NA	Analysis	7196A		1	569237	UDS7	ELLE	10/29/24 20:02
Total/NA	Prep	9012B			632928	C5SV	EET CLE	10/29/24 09:44
Total/NA	Analysis	9012B		1	632983	C5SV	EET CLE	10/29/24 11:59

Client Sample ID: SB-DUP-2

Lab Sample ID: 240-213229-8

Date Collected: 10/16/24 00:00
Date Received: 10/16/24 16:16

Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	Moisture		1	631344	GZF4	EET CLE	10/17/24 17:40
ASTM Leach	Leach	D3987-85			566255	UNWS	ELLE	10/22/24 15:19 - 10/23/24 09:10 [1]
ASTM Leach	Analysis	OIA-1677		1	569681	UJE2	ELLE	10/30/24 15:37

Client Sample ID: SB-DUP-2

Lab Sample ID: 240-213229-8

Date Collected: 10/16/24 00:00
Date Received: 10/16/24 16:16

Matrix: Solid
Percent Solids: 85.9

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5030C			631878	TJL2	EET CLE	10/22/24 10:32
Total/NA	Analysis	8260D		1	631807	TJL2	EET CLE	10/22/24 19:34
Total/NA	Prep	3546			632058	BV1	EET CLE	10/23/24 09:10
Total/NA	Analysis	8270E		1	632180	LKG	EET CLE	10/24/24 13:52
Total/NA	Prep	3546			631847	BV1	EET CLE	10/22/24 09:44
Total/NA	Analysis	8082A		1	631984	LSH	EET CLE	10/23/24 12:55
Total/NA	Prep	3050B			631486	DEE	EET CLE	10/18/24 15:00
Total/NA	Analysis	6010D		1	631722	RKT	EET CLE	10/21/24 23:00
Total/NA	Prep	7471B			631491	DEE	EET CLE	10/18/24 15:00
Total/NA	Analysis	7471B		1	631734	S4FJ	EET CLE	10/21/24 12:44
Total/NA	Prep	3060A			568503	W2JF	ELLE	10/28/24 10:33
Total/NA	Analysis	7196A		1	569237	UDS7	ELLE	10/29/24 20:02
Total/NA	Prep	9012B			632928	C5SV	EET CLE	10/29/24 09:44
Total/NA	Analysis	9012B		1	632983	C5SV	EET CLE	10/29/24 12:01

Client Sample ID: TB-7-20241016

Lab Sample ID: 240-213229-9

Date Collected: 10/16/24 00:00

Matrix: Water

Date Received: 10/16/24 16:16

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260D		1	632050	AJS	EET CLE	10/23/24 15:40

Client Sample ID: SB-19-GW-18-28

Lab Sample ID: 240-213229-10

Date Collected: 10/16/24 12:38

Matrix: Water

Date Received: 10/16/24 16:16

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260D		1	632542	SAM	EET CLE	10/25/24 23:55
Total/NA	Prep	3510C LVI			631401	GBS	EET CLE	10/18/24 08:24
Total/NA	Analysis	8270E		1	631580	MRU	EET CLE	10/21/24 17:19
Total/NA	Prep	3510C			631397	CR2J	EET CLE	10/18/24 08:21
Total/NA	Analysis	8082A		1	631742	MBB	EET CLE	10/22/24 11:17
Dissolved	Prep	3005A			631457	XWS6	EET CLE	10/18/24 14:00
Dissolved	Analysis	6010D		1	631722	RKT	EET CLE	10/21/24 16:47
Total Recoverable	Prep	3005A			631457	XWS6	EET CLE	10/18/24 14:00
Total Recoverable	Analysis	6010D		1	631722	RKT	EET CLE	10/21/24 16:42
Dissolved	Prep	7470A			631461	XWS6	EET CLE	10/18/24 14:00
Dissolved	Analysis	7470A		1	631795	S4FJ	EET CLE	10/21/24 14:33
Total/NA	Prep	7470A			631461	XWS6	EET CLE	10/18/24 14:00
Total/NA	Analysis	7470A		1	631795	S4FJ	EET CLE	10/21/24 14:32
Dissolved	Analysis	7196A		1	631280	AAP	EET CLE	10/17/24 11:44
Total/NA	Analysis	7196A		10	631280	AAP	EET CLE	10/17/24 11:44
Total/NA	Prep	9012B			632248	C5SV	EET CLE	10/24/24 09:27
Total/NA	Analysis	9012B		1	632434	C5SV	EET CLE	10/24/24 18:34
Total/NA	Analysis	OIA-1677		1	568637	UJE2	ELLE	10/28/24 14:04

Client Sample ID: SB-20-GW-14-24

Lab Sample ID: 240-213229-11

Date Collected: 10/16/24 12:03

Matrix: Water

Date Received: 10/16/24 16:16

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260D		1	632542	SAM	EET CLE	10/26/24 00:17
Total/NA	Prep	3510C LVI			631401	GBS	EET CLE	10/18/24 08:24
Total/NA	Analysis	8270E		1	631580	MRU	EET CLE	10/21/24 17:42
Total/NA	Prep	3510C			631397	CR2J	EET CLE	10/18/24 08:21
Total/NA	Analysis	8082A		1	631742	MBB	EET CLE	10/22/24 11:32
Dissolved	Prep	3005A			631457	XWS6	EET CLE	10/18/24 14:00
Dissolved	Analysis	6010D		1	631722	RKT	EET CLE	10/21/24 16:55
Total Recoverable	Prep	3005A			631457	XWS6	EET CLE	10/18/24 14:00
Total Recoverable	Analysis	6010D		1	631722	RKT	EET CLE	10/21/24 16:51
Dissolved	Prep	7470A			631461	XWS6	EET CLE	10/18/24 14:00
Dissolved	Analysis	7470A		1	631795	S4FJ	EET CLE	10/21/24 14:37
Total/NA	Prep	7470A			631461	XWS6	EET CLE	10/18/24 14:00
Total/NA	Analysis	7470A		1	631795	S4FJ	EET CLE	10/21/24 14:35

Client Sample ID: SB-20-GW-14-24

Lab Sample ID: 240-213229-11

Date Collected: 10/16/24 12:03

Matrix: Water

Date Received: 10/16/24 16:16

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Dissolved	Analysis	7196A		10	631280	AAP	EET CLE	10/17/24 11:42
Total/NA	Analysis	7196A		1	631280	AAP	EET CLE	10/17/24 11:42
Total/NA	Prep	9012B			632248	C5SV	EET CLE	10/24/24 09:27
Total/NA	Analysis	9012B		1	632434	C5SV	EET CLE	10/24/24 18:36
Total/NA	Analysis	OIA-1677		1	568637	UJE2	ELLE	10/28/24 14:07

Client Sample ID: SB-18-GW-14-24

Lab Sample ID: 240-213229-12

Date Collected: 10/16/24 11:41

Matrix: Water

Date Received: 10/16/24 16:16

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260D		1	632542	SAM	EET CLE	10/26/24 00:39
Total/NA	Prep	3510C LVI	RE		632020	GBS	EET CLE	10/23/24 08:21
Total/NA	Analysis	8270E	RE	1	632401	MRU	EET CLE	10/25/24 11:39
Total/NA	Prep	3510C LVI			631401	GBS	EET CLE	10/18/24 08:24
Total/NA	Analysis	8270E		1	631580	MRU	EET CLE	10/21/24 18:05
Total/NA	Prep	3510C			631397	CR2J	EET CLE	10/18/24 08:21
Total/NA	Analysis	8082A		1	631742	MBB	EET CLE	10/22/24 11:46
Dissolved	Prep	3005A			631457	XWS6	EET CLE	10/18/24 14:00
Dissolved	Analysis	6010D		1	631722	RKT	EET CLE	10/21/24 17:04
Total Recoverable	Prep	3005A			631457	XWS6	EET CLE	10/18/24 14:00
Total Recoverable	Analysis	6010D		1	631722	RKT	EET CLE	10/21/24 17:00
Dissolved	Prep	7470A			631461	XWS6	EET CLE	10/18/24 14:00
Dissolved	Analysis	7470A		1	631795	S4FJ	EET CLE	10/21/24 14:40
Total/NA	Prep	7470A			631461	XWS6	EET CLE	10/18/24 14:00
Total/NA	Analysis	7470A		1	631795	S4FJ	EET CLE	10/21/24 14:39
Dissolved	Analysis	7196A		1	631280	AAP	EET CLE	10/17/24 11:40
Total/NA	Analysis	7196A		10	631280	AAP	EET CLE	10/17/24 11:40
Total/NA	Prep	9012B			632248	C5SV	EET CLE	10/24/24 09:27
Total/NA	Analysis	9012B		1	632434	C5SV	EET CLE	10/24/24 18:38
Total/NA	Analysis	OIA-1677		1	568637	UJE2	ELLE	10/28/24 14:14

Client Sample ID: SB-16-GW-14-24

Lab Sample ID: 240-213229-13

Date Collected: 10/16/24 11:05

Matrix: Water

Date Received: 10/16/24 16:16

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260D		1	632542	SAM	EET CLE	10/26/24 01:01
Total/NA	Prep	3510C LVI			631401	GBS	EET CLE	10/18/24 08:24
Total/NA	Analysis	8270E		1	631580	MRU	EET CLE	10/21/24 18:28
Total/NA	Prep	3510C			631397	CR2J	EET CLE	10/18/24 08:21
Total/NA	Analysis	8082A		1	631742	MBB	EET CLE	10/22/24 12:00
Dissolved	Prep	3005A			631457	XWS6	EET CLE	10/18/24 14:00
Dissolved	Analysis	6010D		1	631722	RKT	EET CLE	10/21/24 17:21

Client Sample ID: SB-16-GW-14-24

Lab Sample ID: 240-213229-13

Date Collected: 10/16/24 11:05

Matrix: Water

Date Received: 10/16/24 16:16

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total Recoverable	Prep	3005A			631457	XWS6	EET CLE	10/18/24 14:00
Total Recoverable	Analysis	6010D		1	631722	RKT	EET CLE	10/21/24 17:08
Dissolved	Prep	7470A			631461	XWS6	EET CLE	10/18/24 14:00
Dissolved	Analysis	7470A		1	631795	S4FJ	EET CLE	10/21/24 14:44
Total/NA	Prep	7470A			631461	XWS6	EET CLE	10/18/24 14:00
Total/NA	Analysis	7470A		1	631795	S4FJ	EET CLE	10/21/24 14:42
Dissolved	Analysis	7196A		10	631280	AAP	EET CLE	10/17/24 11:56
Total/NA	Analysis	7196A		10	631280	AAP	EET CLE	10/17/24 11:56
Total/NA	Prep	9012B			632248	C5SV	EET CLE	10/24/24 09:30
Total/NA	Analysis	9012B		1	632434	C5SV	EET CLE	10/24/24 18:39
Total/NA	Analysis	OIA-1677		1	568637	UJE2	ELLE	10/28/24 14:22

Client Sample ID: SB-17-GW-18-28

Lab Sample ID: 240-213229-14

Date Collected: 10/16/24 10:30

Matrix: Water

Date Received: 10/16/24 16:16

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260D		1	632542	SAM	EET CLE	10/26/24 01:23
Total/NA	Prep	3510C LVI			631401	GBS	EET CLE	10/18/24 08:24
Total/NA	Analysis	8270E		1	631580	MRU	EET CLE	10/21/24 18:51
Total/NA	Prep	3510C			631397	CR2J	EET CLE	10/18/24 08:21
Total/NA	Analysis	8082A		1	631742	MBB	EET CLE	10/22/24 12:14
Dissolved	Prep	3005A			631457	XWS6	EET CLE	10/18/24 14:00
Dissolved	Analysis	6010D		1	631722	RKT	EET CLE	10/21/24 17:29
Total Recoverable	Prep	3005A			631457	XWS6	EET CLE	10/18/24 14:00
Total Recoverable	Analysis	6010D		1	631722	RKT	EET CLE	10/21/24 17:25
Dissolved	Prep	7470A			631461	XWS6	EET CLE	10/18/24 14:00
Dissolved	Analysis	7470A		1	631795	S4FJ	EET CLE	10/21/24 14:47
Total/NA	Prep	7470A			631461	XWS6	EET CLE	10/18/24 14:00
Total/NA	Analysis	7470A		1	631795	S4FJ	EET CLE	10/21/24 14:45
Dissolved	Analysis	7196A		1	631280	AAP	EET CLE	10/17/24 11:57
Total/NA	Analysis	7196A		1	631280	AAP	EET CLE	10/17/24 11:59
Total/NA	Prep	9012B			632248	C5SV	EET CLE	10/24/24 09:30
Total/NA	Analysis	9012B		1	632434	C5SV	EET CLE	10/24/24 18:41
Total/NA	Analysis	OIA-1677		1	568637	UJE2	ELLE	10/28/24 14:29

Client Sample ID: SB-10-GW-18-28

Lab Sample ID: 240-213229-15

Date Collected: 10/16/24 13:15

Matrix: Water

Date Received: 10/16/24 16:16

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260D		1	632574	MDH	EET CLE	10/26/24 11:54
Total/NA	Prep	3510C LVI			631401	GBS	EET CLE	10/18/24 08:24
Total/NA	Analysis	8270E		1	631580	MRU	EET CLE	10/21/24 19:13

Lab Chronicle

Client: August Mack Environmental, Inc.
Project/Site: MSC Canfield

Job ID: 240-213229-1

Client Sample ID: SB-10-GW-18-28

Lab Sample ID: 240-213229-15

Date Collected: 10/16/24 13:15

Matrix: Water

Date Received: 10/16/24 16:16

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	3510C			631397	CR2J	EET CLE	10/18/24 08:21
Total/NA	Analysis	8082A		1	631742	MBB	EET CLE	10/22/24 12:28
Dissolved	Prep	3005A			631457	XWS6	EET CLE	10/18/24 14:00
Dissolved	Analysis	6010D		1	631722	RKT	EET CLE	10/21/24 17:38
Total Recoverable	Prep	3005A			631457	XWS6	EET CLE	10/18/24 14:00
Total Recoverable	Analysis	6010D		1	631722	RKT	EET CLE	10/21/24 17:34
Dissolved	Prep	7470A			631461	XWS6	EET CLE	10/18/24 14:00
Dissolved	Analysis	7470A		1	631795	S4FJ	EET CLE	10/21/24 14:54
Total/NA	Prep	7470A			631461	XWS6	EET CLE	10/18/24 14:00
Total/NA	Analysis	7470A		1	631795	S4FJ	EET CLE	10/21/24 14:52
Dissolved	Analysis	7196A		25	631280	AAP	EET CLE	10/17/24 12:03
Total/NA	Analysis	7196A		25	631280	AAP	EET CLE	10/17/24 12:03
Total/NA	Prep	9012B			632506	C5SV	EET CLE	10/25/24 11:12
Total/NA	Analysis	9012B		1	632661	C5SV	EET CLE	10/25/24 19:59
Total/NA	Analysis	OIA-1677		1	568637	UJE2	ELLE	10/28/24 14:32

Client Sample ID: TB-4-20241016

Lab Sample ID: 240-213229-16

Date Collected: 10/16/24 00:00

Matrix: Water

Date Received: 10/16/24 16:16

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260D		1	632574	MDH	EET CLE	10/26/24 09:19

Client Sample ID: TB-5-20241016

Lab Sample ID: 240-213229-17

Date Collected: 10/16/24 00:00

Matrix: Water

Date Received: 10/16/24 16:16

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260D		1	632574	MDH	EET CLE	10/26/24 09:41

Client Sample ID: TB-6-20241016

Lab Sample ID: 240-213229-18

Date Collected: 10/16/24 00:00

Matrix: Water

Date Received: 10/16/24 16:16

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260D		1	632574	MDH	EET CLE	10/26/24 10:03

[1] This procedure uses a method stipulated length of time for the process. Both start and end times are displayed.

Laboratory References:

EET CLE = Eurofins Cleveland, 180 S. Van Buren Avenue, Barberton, OH 44203, TEL (330)497-9396

ELLE = Eurofins Lancaster Laboratories Environment Testing, LLC, 2425 New Holland Pike, Lancaster, PA 17601, TEL (717)656-2300

Accreditation/Certification Summary

Client: August Mack Environmental, Inc.
Project/Site: MSC Canfield

Job ID: 240-213229-1

Laboratory: Eurofins Cleveland

All accreditations/certifications held by this laboratory are listed. Not all accreditations/certifications are applicable to this report.

Authority	Program	Identification Number	Expiration Date
California	State	2927	02-28-25
Connecticut	State	PH-0806	12-31-26
Georgia	State	4062	02-27-25
Illinois	NELAP	200004	08-31-25
Iowa	State	421	06-01-25
Kentucky (UST)	State	112225	02-27-25
Kentucky (WW)	State	KY98016	12-30-24
Minnesota	NELAP	039-999-348	12-31-24
New Hampshire	NELAP	225024	09-30-25
New Jersey	NELAP	OH001	07-03-25
New York	NELAP	10975	04-02-25
Ohio VAP	State	ORELAP 4062	02-27-25
Oregon	NELAP	4062	02-27-25
Pennsylvania	NELAP	68-00340	08-31-25
Texas	NELAP	T104704517-22-19	08-31-25
USDA	US Federal Programs	P330-18-00281	01-05-27
Virginia	NELAP	460175	09-14-25
West Virginia DEP	State	210	12-31-24

Laboratory: Eurofins Lancaster Laboratories Environment Testing, LLC

All accreditations/certifications held by this laboratory are listed. Not all accreditations/certifications are applicable to this report.

Authority	Program	Identification Number	Expiration Date
A2LA	Dept. of Defense ELAP	0001.01	11-30-26
A2LA	ISO/IEC 17025	0001.01	11-30-26
Alabama	State	43200	01-31-25
Alaska	State	PA00009	06-30-25
Alaska (UST)	State	17-027	02-28-25
Arizona	State	AZ0780	03-12-25
Arkansas DEQ	State	88-00660	08-09-25
California	State	2792	11-30-24
Colorado	State	PA00009	06-30-25
Connecticut	State	PH-0746	06-30-25
DE Haz. Subst. Cleanup Act (HSCA)	State	019-006 (PA cert)	01-31-25
Delaware (DW)	State	N/A	01-31-25
Florida	NELAP	E87997	06-30-25
Georgia (DW)	State	C048	01-31-25
Hawaii	State	N/A	01-31-25
Illinois	NELAP	200027	01-31-25
Iowa	State	361	03-01-26
Kansas	NELAP	E-10151	10-31-24
Kentucky (DW)	State	KY90088	12-31-24
Kentucky (UST)	State	0001.01	11-30-26
Kentucky (WW)	State	KY90088	12-31-24
Louisiana (All)	NELAP	02055	06-30-25
Maine	State	2019012	03-12-25
Maryland	State	100	06-30-25
Massachusetts	State	M-PA009	06-30-25
Michigan	State	9930	01-31-25
Minnesota	NELAP	042-999-487	12-31-24

Accreditation/Certification Summary

Client: August Mack Environmental, Inc. Job ID: 240-213229-1
Project/Site: MSC Canfield

Laboratory: Eurofins Lancaster Laboratories Environment Testing, LLC (Continued)

All accreditations/certifications held by this laboratory are listed. Not all accreditations/certifications are applicable to this report.

Authority	Program	Identification Number	Expiration Date
Mississippi	State	023	01-31-25
Missouri	State	450	01-31-25
Montana (DW)	State	0098	01-01-25
Nebraska	State	NE-OS-32-17	01-31-25
New Hampshire	NELAP	2730	01-10-25
New Jersey	NELAP	PA011	06-30-25
New York	NELAP	10670	04-01-25
North Carolina (DW)	State	42705	07-31-25
North Carolina (WW/SW)	State	521	12-31-25
North Dakota	State	R-205	01-31-24 *
Oklahoma	NELAP	9804	08-31-24 *
Oregon	NELAP	PA200001	09-11-25
Pennsylvania	NELAP	36-00037	01-31-25
Quebec Ministry of Environment and Fight against Climate Change	PALA	507	09-16-29
Rhode Island	State	LAO00338	12-30-24
South Carolina	State	89002	01-31-25
Tennessee	State	02838	01-31-25
Texas	NELAP	T104704194-23-46	08-31-25
USDA	US Federal Programs	525-22-298-19481	10-25-25
Vermont	State	VT - 36037	10-28-25
Virginia	NELAP	460182	06-14-25
Washington	State	C457	04-11-25
West Virginia (DW)	State	9906 C	01-31-25
West Virginia DEP	State	055	07-31-25
Wyoming	State	8TMS-L	01-31-25
Wyoming (UST)	A2LA	0001.01	11-30-26

* Accreditation/Certification renewal pending - accreditation/certification considered valid.

Chain of Custody Record 728915

eurofins | Environment Testing America

Address: _____

Regulatory Program: ☐ DW ☐ NPDES ☐ RCRA ☐ Other

TAL-8210

Client Contact	Project Manager: Kain Lager-Lowe	Site Contact:	Date:	COC No:
Company Name: AME	Tel/Email: 740-548-1515	Lab Contact:	Carrier:	1 of 2 COCs
Address: 7330 N. Central Dr. Ste B	Analysis Turnaround Time			Sampler:
City/State/Zip: Lewis Center OH, 43035	☐ CALENDAR DAYS ☐ WORKING DAYS			For Lab Use Only:
Phone: 740-548-1515	TAT if different from Below _____			Walk-in Client:
Fax:	☐ 2 weeks ☐ 1 week ☐ 2 days ☐ 1 day			Lab Sampling:
Project Name:				Job / SDG No.:
Site: MSC Canfield				
PO# JY2380				

Sample Identification	Sample Date	Sample Time	Sample Type (C=Comp, G=Grab)	Matrix	# of Cont.	Filtered Sample (Y/N)	Perform MS / MSD (Y/N)	8260D-VOCs	8270E-SVOCs	8082A-PCBs	6010D, 7471B-RCRA	9012B-Tot.Cn	7196A-Crb	1677-Free Cn	Sample Specific Notes:
SB-10-4.0-6.0	10/15/24	1553	G	Solid	6	N	N	X	X	X	X	X	X	X	
SB-10-10.0-12.0	10/15/24	1608	G	Solid	6	N	N	X	X	X	X	X	X	X	
SB-21-12.0-14.0	10/16/24	0949	G	Solid	6	N	N	X	X	X	X	X	X	X	
SB-21-16.0-18.0	10/16/24	0955	G	Solid	6	N	N	X	X	X	X	X	X	X	
SB-13-18-20	10/16/24	1150	G	Solid	6	N	N	X	X	X	X	X	X	X	
SB-13-14-16	10/16/24	1145	G	Solid	18	N	N	X	X	X	X	X	X	X	
SB-13-16-18	10/16/24	1148	G	Solid	6	N	N	X	X	X	X	X	X	X	
SB-Dup-2	10/16/24	/	G	Solid	6	N	N	X	X	X	X	X	X	X	
FB-7-20241016	10/16/24	/	G	/	1	N	N	X							

240-213229 Chain of Custody

Preservation Used: 1= Ice, 2= HCl; 3= H2SO4; 4=HNO3; 5=NaOH; 6= Other _____

Possible Hazard Identification:
Are any samples from a listed EPA Hazardous Waste? Please List any EPA Waste Codes for the sample in the Comments Section if the lab is to dispose of the sample.

☐ Non-Hazard ☐ Flammable ☐ Skin Irritant ☐ Poison B ☐ Unknown

Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)

☐ Return to Client ☐ Disposal by Lab ☐ Archive for _____ Months

Special Instructions/QC Requirements & Comments:

Custody Seals Intact: ☐ Yes ☐ No | Custody Seal No.: | Cooler Temp. (°C): Obs'd:_____ Corr'd:_____ | Therm ID No.:_____

Relinquished by:	Company:	Date/Time:	Received by:	Company:	Date/Time:
Nathan Byrd	AME	10/16/24 1500		EVR	10/16/24 3:00pm
Relinquished by:	Company:	Date/Time:	Received by:	Company:	Date/Time:
	EVR	10/16/24 4:11pm	JESSICA RIGDON	GBTNC	10-16-24 1616
Relinquished by:	Company:	Date/Time:	Received in Laboratory by:	Company:	Date/Time:

Chain of Custody Record 728917

eurofins | Environment Testing America

TAL-8210

Address: _____

Regulatory Program: ☐ DW ☐ NPDES ☐ RCRA ☐ Other:

Client Contact	Project Manager: Kain Lager-Lowe	Site Contact:	Date:	COC No:
Company Name: AME	Tel/Email: 740-548-1515	Lab Contact:	Carrier:	1 of 1 COCs
Address: 7830 N. Central Dr. Ste B	Analysis Turnaround Time			Sampler:
City/State/Zip: Lewis Center OH, 43035	☐ CALENDAR DAYS ☐ WORKING DAYS			For Lab Use Only:
Phone: 740-548-1515	TAT if different from Below 3day			Walk-in Client:
Fax:	☐ 2 weeks			Lab Sampling:
Project Name:	☐ 1 week			
Site: MSC Canfield	☐ 2 days			Job / SDG No.:
PO# #Y2380	☐ 1 day			

Sample Identification	Sample Date	Sample Time	Sample Type (C=Comp, G=Grab)	Matrix	# of Cont.	Filtered Sample (Y/N)	Perform MS / MSD (Y/N)	8260D - VOCs	8270E - SVOCs	8082A - PCBs	9012B - Total Cyanid	1677 - Free Cyanid	6010D/7470A - Total RCRA Cr, Cu, Ni, Zn	7196A - Total Hexavalent Chromium	6010D/7470A - Dissolved RCRA Cr, Cu, Ni, Zn - Field Filtered	7196A - Dissolved Hexavalent Chromium - Field Filtered	Sample Specific Notes:
SB-19-GW-18-28	10/16/24	1238	G	Water	13	X		X	X	X	X	X	X	X	X	X	
SB-20-GW-14-24	10/16/24	1203	G	Water	13	X		X	X	X	X	X	X	X	X	X	
SB-18-GW-14-24	10/16/24	1141	G	Water	13	X		X	X	X	X	X	X	X	X	X	
SB-16-GW-14-24	10/16/24	1105	G	Water	13	X		X	X	X	X	X	X	X	X	X	
SB-17-GW-18-28	10/16/24	1030	G	Water	13	X		X	X	X	X	X	X	X	X	X	
SB-10-GW-18-28	10/16/24	1315	G	Water	13	X		X	X	X	X	X	X	X	X	X	
TB-4-20241016	10/16/24	\	\	\	1			X									
TB-5-20241016	10/16/24	\	\	\	1			X									
TB-6-20241016	10/16/24	\	\	\	1			X									
	10/16/24	\															
	10/16/24	\															

Preservation Used: 1= Ice, 2= HCl; 3= H2SO4; 4=HNO3; 5=NaOH; 6= Other _____

Possible Hazard Identification:
Are any samples from a listed EPA Hazardous Waste? Please List any EPA Waste Codes for the sample in the Comments Section if the lab is to dispose of the sample.

☐ Non-Hazard ☐ Flammable ☐ Skin Irritant ☐ Poison B ☐ Unknown

Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)

☐ Return to Client ☐ Disposal by Lab ☐ Archive for _____ Months

Special Instructions/QC Requirements & Comments:

Custody Seals Intact: ☐ Yes ☐ No	Custody Seal No.:	Cooler Temp. (°C): Obs'd: _____ Corr'd: _____	Therm ID No.: _____

Relinquished by:	Company:	Date/Time:	Received by:	Company:	Date/Time:
Nathan Byrd	AME	10/16/24 1500		EVR	10/16/24 3:00PM
	EVR	10/16/24 4:10PM	JESSICA RIGDON	ELETNL	10-16-24 1616
Relinquished by:	Company:	Date/Time:	Received in Laboratory by:	Company:	Date/Time:

Eurofins – Cleveland Sample Receipt Form/Narrative Login # : 213209
Barberton Facility

Client AME Site Name MSC Canfield Cooler unpacked by: JESSICA RYGDON

Cooler Received on 10-16-24 Opened on 10-17-24

FedEx. 1st Grd Exp UPS FAS Waypoint Client Drop Off Eurofins Courier Other

Receipt After-hours Drop-off Date/Time Storage Location

Eurofins Cooler # EC Foam Box Client Cooler Box Other

Packing material used. Bubble Wrap Foam Plastic Bag None Other

COOLANT Wet Ice Blue Ice Dry Ice Water None

1 Cooler temperature upon receipt ☒ See Multiple Cooler Form

IR GUN # 19 (CF +1.7 °C) Observed Cooler Temp. °C Corrected Cooler Temp. °C

2. Were tamper/custody seals on the outside of the cooler(s)? If Yes Quantity	Yes (No)	**Tests that are not checked for pH by Receiving:** VOAs Oil and Grease TOC
-Were the seals on the outside of the cooler(s) signed & dated?	Yes No (NA)	
-Were tamper/custody seals on the bottle(s) or bottle kits (LLHg/MeHg)?	Yes (No)	
-Were tamper/custody seals intact and uncompromised?	Yes No (NA)	
3 Shippers' packing slip attached to the cooler(s)?	Yes (No)	
4. Did custody papers accompany the sample(s)?	(Yes) No	
5 Were the custody papers relinquished & signed in the appropriate place?	(Yes) No	
6. Was/were the person(s) who collected the samples clearly identified on the COC?	Yes (No)	
7 Did all bottles arrive in good condition (Unbroken)?	(Yes) No	
8. Could all bottle labels (ID/Date/Time) be reconciled with the COC?	(Yes) No	
9 For each sample, does the COC specify preservatives (Y(N), # of containers (Y/N), and sample type of grab/comp(Y/N)?		
10 Were correct bottle(s) used for the test(s) indicated?	(Yes) No	
11 Sufficient quantity received to perform indicated analyses?	(Yes) No	
12. Are these work share samples and all listed on the COC?	Yes (No)	
If yes, Questions 13-17 have been checked at the originating laboratory		
13 Were all preserved sample(s) at the correct pH upon receipt?	(Yes) No NA	pH Strip Lot# HC447997
14. Were VOAs on the COC?	(Yes) No	
15 Were air bubbles >6 mm in any VOA vials? ● ← Larger than this.	Yes (No) NA	
16 Was a VOA trip blank present in the cooler(s)? Trip Blank Lot # 0115501J	(Yes) No	
17 Was a LL Hg or Me Hg trip blank present?	Yes (No)	

Contacted PM Date by via Verbal Voice Mail Other

Concerning

18. CHAIN OF CUSTODY & SAMPLE DISCREPANCIES ☐ additional next page

Samples processed by:

SB-18 GW-14-24 → Received 3L unpreserved. Two with Sampling times of 1141. Will Archive 3rd Container.
SB-16-GW-14-24 - Received one Liter unpreserved. one 10-17-24

19. SAMPLE CONDITION

Sample(s) were received after the recommended holding time had expired.
Sample(s) were received in a broken container
Sample(s) were received with bubble >6 mm in diameter (Notify PM)

20. SAMPLE PRESERVATION

Sample(s) were further preserved in the laboratory
Time preserved. Preservative(s) added/Lot number(s):

VOA Sample Preservation - Date/Time VOAs Frozen.

Login # : _____

Eurofins - Cleveland Sample Receipt Multiple Cooler Form

Cooler Description (Circle)	IR Gun # (Circle)	Observed Temp °C	Corrected Temp °C	Coolant (Circle)
(EC) Client Box Other	IR GUN #: ~~19~~	3.3	5.0	(Wet Ice) Blue Ice Dry Ice Water None
(EC) Client Box Other	IR GUN #: ~~19~~	2.4	4.1	(Wet Ice) Blue Ice Dry Ice Water None
(EC) Client Box Other	IR GUN #: ~~19~~	4.1	5.8	(Wet Ice) Blue Ice Dry Ice Water None
(EC) Client Box Other	IR GUN #: ~~19~~	3.3	5.0	(Wet Ice) Blue Ice Dry Ice Water None
EC Client Box Other	IR GUN #: _____			Wet Ice

10/17/2024

Login Container Summary Report

240-213229

10/30/2024

Temperature readings _____

Client Sample ID	Lab ID	Container Type	Container pH	Container Temp	Preservation Added	Preservation Lot Number
SB-10-4 0-6 0	240-213229-A-1	SnapCap 1/2 ounce unpreserved				
SB-10-4 0-6 0	240-213229-B-1	Soil jar 2oz - clear glass				
SB-10-4 0-6 0	240-213229-C-1	Soil jar 4oz - clear glass				
SB-10-4 0-6 0	240-213229-D-1	Soil jar 4oz - clear glass				
SB-10-4 0-6 0	240-213229-E-1	Soil jar 4oz - clear glass				
SB-10-4 0-6 0	240-213229-F-1	Soil jar 4oz - clear glass				
SB-10-4 0-6 0	240-213229-G-1	Soil jar 4oz - clear glass				
SB-10-10 0-12 0	240-213229-A-2	SnapCap 1/2 ounce unpreserved				
SB-10-10 0-12 0	240-213229-B-2	Soil jar 2oz - clear glass				
SB-10-10 0-12.0	240-213229-C-2	Soil jar 4oz - clear glass				
SB-10-10 0-12 0	240-213229-D-2	Soil jar 4oz - clear glass				
SB-10-10 0-12 0	240-213229-E-2	Soil jar 4oz - clear glass				
SB-10-10 0-12 0	240-213229-F-2	Soil jar 4oz - clear glass				
SB-10-10 0-12 0	240-213229-G-2	Soil jar 4oz - clear glass				
SB-21-12 0-14 0	240-213229-A-3	SnapCap 1/2 ounce unpreserved				
SB-21-12 0-14 0	240-213229-B-3	Soil jar 2oz - clear glass				
SB-21-12 0-14 0	240-213229-C-3	Soil jar 4oz - clear glass				
SB-21-12 0-14 0	240-213229-D-3	Soil jar 4oz - clear glass				
SB-21-12 0-14.0	240-213229-E-3	Soil jar 4oz - clear glass				
SB-21-12 0-14 0	240-213229-F-3	Soil jar 4oz - clear glass				
SB-21-12 0-14 0	240-213229-G-3	Soil jar 4oz - clear glass				
SB-21-16 0-18 0	240-213229-A-4	SnapCap 1/2 ounce unpreserved				
SB-21-16 0-18 0	240-213229-B-4	Soil jar 2oz - clear glass				
SB-21-16 0-18 0	240-213229-C-4	Soil jar 4oz - clear glass				
SB-21-16 0-18 0	240-213229-D-4	Soil jar 4oz - clear glass				
SB-21-16 0-18 0	240-213229-E-4	Soil jar 4oz - clear glass				
SB-21-16 0-18 0	240-213229-F-4	Soil jar 4oz - clear glass				
SB-21-16.0-18 0	240-213229-G-4	Soil jar 4oz - clear glass				
SB-13-18-20	240-213229-A-5	SnapCap 1/2 ounce unpreserved				
SB-13-18-20	240-213229-B-5	Soil jar 2oz - clear glass				
SB-13-18-20	240-213229-C-5	Soil jar 4oz - clear glass				
SB-13-18-20	240-213229-D-5	Soil jar 4oz - clear glass				
SB-13-18-20	240-213229-E-5	Soil jar 4oz - clear glass				
SB-13-18-20	240-213229-F-5	Soil jar 4oz - clear glass				
SB-13-18-20	240-213229-G-5	Soil jar 4oz - clear glass				

Client Sample ID	Lab ID	Container Type	Container pH	Container Temp	Preservation Added	Preservation Lot Number
SB-13-14-16	240-213229-A-6	SnapCap 1/2 ounce unpreserved				
SB-13-14-16	240-213229-A-6 DU	SnapCap 1/2 ounce unpreserved				
SB-13-14-16	240-213229-A-6 MS	Soil jar 2oz - clear glass				
SB-13-14-16	240-213229-A-6 MSD	Soil jar 2oz - clear glass				
SB-13-14-16	240-213229-A-6 MSI	Soil jar 4oz - clear glass				
SB-13-14-16	240-213229-A-6 MSS	Soil jar 4oz - clear glass				
SB-13-14-16	240-213229-B-6	Soil jar 2oz - clear glass				
SB-13-14-16	240-213229-B-6 MS	Soil jar 4oz - clear glass				
SB-13-14-16	240-213229-B-6 MSD	Soil jar 4oz - clear glass				
SB-13-14-16	240-213229-C-6	Soil jar 4oz - clear glass				
SB-13-14-16	240-213229-C-6 MS	Soil jar 4oz - clear glass				
SB-13-14-16	240-213229-C-6 MSD	Soil jar 4oz - clear glass				
SB-13-14-16	240-213229-D-6	Soil jar 4oz - clear glass				
SB-13-14-16	240-213229-D-6 MS	Soil jar 4oz - clear glass				
SB-13-14-16	240-213229-D-6 MSD	Soil jar 4oz - clear glass				
SB-13-14-16	240-213229-E-6	Soil jar 4oz - clear glass				
SB-13-14-16	240-213229-E-6 MS	Soil jar 4oz - clear glass				
SB-13-14-16	240-213229-E-6 MSD	Soil jar 4oz - clear glass				
SB-13-14-16	240-213229-F-6	Soil jar 4oz - clear glass				
SB-13-14-16	240-213229-G-6	Soil jar 4oz - clear glass				
SB-13-16-18	240-213229-A-7	SnapCap 1/2 ounce unpreserved				
SB-13-16-18	240-213229-B-7	Soil jar 2oz - clear glass				
SB-13-16-18	240-213229-C-7	Soil jar 4oz - clear glass				
SB-13-16-18	240-213229-D-7	Soil jar 4oz - clear glass				
SB-13-16-18	240-213229-E-7	Soil jar 4oz - clear glass				
SB-13-16-18	240-213229-F-7	Soil jar 4oz - clear glass				
SB-13-16-18	240-213229-G-7	Soil jar 4oz - clear glass				
SB-DUP-2	240-213229-A-8	SnapCap 1/2 ounce unpreserved				
SB-DUP-2	240-213229-B-8	Soil jar 2oz - clear glass				
SB-DUP-2	240-213229-C-8	Soil jar 4oz - clear glass				
SB-DUP-2	240-213229-D-8	Soil jar 4oz - clear glass				
SB-DUP-2	240-213229-E-8	Soil jar 4oz - clear glass				
SB-DUP-2	240-213229-F-8	Soil jar 4oz - clear glass				
SB-DUP-2	240-213229-G-8	Soil jar 4oz - clear glass				
TB-7-20241016	240-213229-A-9	Voa Vial 40ml - Hydrochloric Acid				

Client Sample ID	Lab ID	Container Type	Container pH	Container Temp	Preservation Added	Preservation Lot Number
SB-19-GW-18-28	240-213229-A-10	Voa Vial 40ml - Hydrochloric Acid				
SB-19-GW-18-28	240-213229-B-10	Voa Vial 40ml - Hydrochloric Acid				
SB-19-GW-18-28	240-213229-C-10	Voa Vial 40ml - Hydrochloric Acid				
SB-19-GW-18-28	240-213229-D-10	Amber Plastic 125 mL - NaOH	>12			
SB-19-GW-18-28	240-213229-E-10	Plastic 250ml - with Sodium Hydroxide	>12			
SB-19-GW-18-28	240-213229-F-10	Amber Glass 250ml - unpreserved				
SB-19-GW-18-28	240-213229-G-10	Amber Glass 250ml - unpreserved				
SB-19-GW-18-28	240-213229-H-10	Plastic 500ml - unpreserved				
SB-19-GW-18-28	240-213229-I-10	Plastic 500 mL - unpreserved - dis				
SB-19-GW-18-28	240-213229-J-10	Plastic 500ml - with Nitric Acid	<2			
SB-19-GW-18-28	240-213229-K-10	Plastic 500ml - w/ Nitric - Dis.	<2			
SB-19-GW-18-28	240-213229-L-10	Amber Glass 1 liter - unpreserved				
SB-19-GW-18-28	240-213229-M-10	Amber Glass 1 liter - unpreserved				
SB-20-GW-14-24	240-213229-A-11	Voa Vial 40ml - Hydrochloric Acid				
SB-20-GW-14-24	240-213229-B-11	Voa Vial 40ml - Hydrochloric Acid				
SB-20-GW-14-24	240-213229-C-11	Voa Vial 40ml - Hydrochloric Acid				
SB-20-GW-14-24	240-213229-D-11	Amber Plastic 125 mL - NaOH	>12			
SB-20-GW-14-24	240-213229-E-11	Plastic 250ml - with Sodium Hydroxide	>12			
SB-20-GW-14-24	240-213229-F-11	Amber Glass 250ml - unpreserved				
SB-20-GW-14-24	240-213229-G-11	Amber Glass 250ml - unpreserved				
SB-20-GW-14-24	240-213229-H-11	Plastic 500ml - unpreserved				
SB-20-GW-14-24	240-213229-I-11	Plastic 500 mL - unpreserved - dis				
SB-20-GW-14-24	240-213229-J-11	Plastic 500ml - with Nitric Acid	<2			
SB-20-GW-14-24	240-213229-K-11	Plastic 500ml - w/ Nitric - Dis.	<2			
SB-20-GW-14-24	240-213229-L-11	Amber Glass 1 liter - unpreserved				
SB-20-GW-14-24	240-213229-M-11	Amber Glass 1 liter - unpreserved				
SB-18-GW-14-24	240-213229-A-12	Voa Vial 40ml - Hydrochloric Acid				
SB-18-GW-14-24	240-213229-B-12	Voa Vial 40ml - Hydrochloric Acid				
SB-18-GW-14-24	240-213229-C-12	Voa Vial 40ml - Hydrochloric Acid				
SB-18-GW-14-24	240-213229-D-12	Amber Plastic 125 mL - NaOH	>12			
SB-18-GW-14-24	240-213229-E-12	Plastic 250ml - with Sodium Hydroxide	>12			
SB-18-GW-14-24	240-213229-F-12	Amber Glass 250ml - unpreserved				
SB-18-GW-14-24	240-213229-G-12	Amber Glass 250ml - unpreserved				
SB-18-GW-14-24	240-213229-H-12	Plastic 500ml - unpreserved				
SB-18-GW-14-24	240-213229-I-12	Plastic 500 mL - unpreserved - dis				
SB-18-GW-14-24	240-213229-J-12	Plastic 500ml - with Nitric Acid	<2			
SB-18-GW-14-24	240-213229-K-12	Plastic 500ml - w/ Nitric - Dis.	<2			
SB-18-GW-14-24	240-213229-L-12	Amber Glass 1 liter - unpreserved				

Client Sample ID	Lab ID	Container Type	Container pH	Container Temp	Preservation Added	Preservation Lot Number
SB-18-GW-14-24	240-213229-M-12	Amber Glass 1 liter - unpreserved				
SB-18-GW-14-24	240-213229-N-12	Amber Glass 1 liter - unpreserved				
SB-16-GW-14-24	240-213229-A-13	Voa Vial 40ml - Hydrochloric Acid				
SB-16-GW-14-24	240-213229-B-13	Voa Vial 40ml - Hydrochloric Acid				
SB-16-GW-14-24	240-213229-C-13	Voa Vial 40ml - Hydrochloric Acid				
SB-16-GW-14-24	240-213229-D-13	Amber Plastic 125 mL - NaOH	>12			
SB-16-GW-14-24	240-213229-E-13	Plastic 250ml - with Sodium Hydroxide	>12			
SB-16-GW-14-24	240-213229-F-13	Amber Glass 250ml - unpreserved				
SB-16-GW-14-24	240-213229-G-13	Amber Glass 250ml - unpreserved				
SB-16-GW-14-24	240-213229-H-13	Plastic 500ml - unpreserved				
SB-16-GW-14-24	240-213229-I-13	Plastic 500 mL - unpreserved - dis				
SB-16-GW-14-24	240-213229-J-13	Plastic 500ml - with Nitric Acid	<2			
SB-16-GW-14-24	240-213229-K-13	Plastic 500ml - w/ Nitric - Dis.	<2			
SB-16-GW-14-24	240-213229-L-13	Amber Glass 1 liter - unpreserved				
SB-17-GW-18-28	240-213229-A-14	Voa Vial 40ml - Hydrochloric Acid				
SB-17-GW-18-28	240-213229-B-14	Voa Vial 40ml - Hydrochloric Acid				
SB-17-GW-18-28	240-213229-C-14	Voa Vial 40ml - Hydrochloric Acid				
SB-17-GW-18-28	240-213229-D-14	Amber Plastic 125 mL - NaOH	>12			
SB-17-GW-18-28	240-213229-E-14	Plastic 250ml - with Sodium Hydroxide	>12			
SB-17-GW-18-28	240-213229-F-14	Amber Glass 250ml - unpreserved				
SB-17-GW-18-28	240-213229-G-14	Amber Glass 250ml - unpreserved				
SB-17-GW-18-28	240-213229-H-14	Plastic 500ml - unpreserved				
SB-17-GW-18-28	240-213229-I-14	Plastic 500 mL - unpreserved - dis				
SB-17-GW-18-28	240-213229-J-14	Plastic 500ml - with Nitric Acid	<2			
SB-17-GW-18-28	240-213229-K-14	Plastic 500ml - w/ Nitric - Dis.	<2			
SB-17-GW-18-28	240-213229-L-14	Amber Glass 1 liter - unpreserved				
SB-17-GW-18-28	240-213229-M-14	Amber Glass 1 liter - unpreserved				
SB-10-GW-18-28	240-213229-A-15	Voa Vial 40ml - Hydrochloric Acid				
SB-10-GW-18-28	240-213229-B-15	Voa Vial 40ml - Hydrochloric Acid				
SB-10-GW-18-28	240-213229-C-15	Voa Vial 40ml - Hydrochloric Acid				
SB-10-GW-18-28	240-213229-D-15	Amber Plastic 125 mL - NaOH	>12			
SB-10-GW-18-28	240-213229-E-15	Plastic 250ml - with Sodium Hydroxide	>12			
SB-10-GW-18-28	240-213229-F-15	Amber Glass 250ml - unpreserved				
SB-10-GW-18-28	240-213229-G-15	Amber Glass 250ml - unpreserved				
SB-10-GW-18-28	240-213229-H-15	Plastic 500ml - unpreserved				
SB-10-GW-18-28	240-213229-I-15	Plastic 500 mL - unpreserved - dis				
SB-10-GW-18-28	240-213229-J-15	Plastic 500ml - with Nitric Acid	<2			
SB-10-GW-18-28	240-213229-K-15	Plastic 500ml - w/ Nitric - Dis.	<2			

Client Sample ID	Lab ID	Container Type	Container pH	Container Temp	Preservation Added	Preservation Lot Number
SB-10-GW-18-28	240-213229-L-15	Amber Glass 1 liter - unpreserved				
SB-10-GW-18-28	240-213229-M-15	Amber Glass 1 liter - unpreserved				
TB-4-20241016	240-213229-A-16	Voa Vial 40ml - Hydrochloric Acid				
TB-5-20241016	240-213229-A-17	Voa Vial 40ml - Hydrochloric Acid				
TB-6-20241016	240-213229-A-18	Voa Vial 40ml - Hydrochloric Acid				

Eurofins Cleveland
180 S. Van Buren Avenue
Barberton, OH 44203
Phone: 330-497-9396 Fax: 330-497-0772

Chain of Custody Record

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Client Information (Sub Contract Lab)	Sampler:	Lab PM: Kalis, Nicole A	Carrier Tracking No(s):	COC No: 240-192300.1
Client Contact: Shipping/Receiving	Phone:	E-Mail: Nicole.Kalis@et.eurofinsus.com	State of Origin: Ohio	Page: Page 1 of 1
Company: Eurofins Lancaster Laboratories Environm		Accreditations Required (See note):		Job #: 240-213229-1
Address: 2425 New Holland Pike,	Due Date Requested: 10/29/2024			Preservation Codes:
City: Lancaster	TAT Requested (days):			
State, Zip: PA, 17601				
Phone: 717-656-2300(Tel)	PO #:			
Email:	WO #:			
Project Name: MSC Canfield	Project #: 24033889			
Site:	SSOW#:			Other:

Sample Identification - Client ID (Lab ID)	Sample Date	Sample Time	Sample Type (C=Comp, G=grab)	Matrix (W=water, S=solid, O=waste/oil, BT=Tissue, A=Air)	Field Filtered Sample (Yes or No)	Perform MS/MSD (Yes or No)	1677_Free Cyanide, Free	Total Number of containers	Special Instructions/Note:
			Preservation Code:						
SB-19-GW-18-28 (240-213229-10)	10/16/24	12:38 Eastern	G	Water			X		Use caution! Site contaminated with solvent waste
SB-20-GW-14-24 (240-213229-11)	10/16/24	12:03 Eastern	G	Water			X		Use caution! Site contaminated with solvent waste
SB-18-GW-14-24 (240-213229-12)	10/16/24	11:41 Eastern	G	Water			X		Use caution! Site contaminated with solvent waste
SB-16-GW-14-24 (240-213229-13)	10/16/24	11:05 Eastern	G	Water			X		Use caution! Site contaminated with solvent waste
SB-17-GW-18-28 (240-213229-14)	10/16/24	10:30 Eastern	G	Water			X		Use caution! Site contaminated with solvent waste
SB-10-GW-18-28 (240-213229-15)	10/16/24	13:15 Eastern	G	Water			X		Use caution! Site contaminated with solvent waste

Note: Since laboratory accreditations are subject to change, Eurofins Environment Testing North Central, LLC places the ownership of method, analyte & accreditation compliance upon our subcontract laboratories. This sample shipment is forwarded under chain-of-custody. If the laboratory does not currently maintain accreditation in the State of Origin listed above for analysis/tests/matrix being analyzed, the samples must be shipped back to the Eurofins Environment Testing North Central, LLC laboratory or other instructions will be provided. Any changes to accreditation status should be brought to Eurofins Environment Testing North Central, LLC attention immediately. If all requested accreditations are current to date, return the signed Chain of Custody attesting to said compliance to Eurofins Environment Testing North Central, LLC.

Possible Hazard Identification	*Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)*
Unconfirmed	☐ *Return To Client* ☐ *Disposal By Lab* ☐ *Archive For* _____ *Months*
Deliverable Requested: I, II, III, IV, Other (specify) Primary Deliverable Rank: 2	Special Instructions/QC Requirements:

Empty Kit Relinquished by:	Date:	Time:	Method of Shipment:

Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company
MALISSA LUAR	10-17-24				
Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company
Relinquished by:	Date/Time:	Company	Received by:	Date/Time: 10-18-24 10:00	Company ELLET

Custody Seals Intact: ∆ Yes ∆ No	Custody Seal No.:	Cooler Temperature(s) °C and Other Remarks:
		2 - 0.5 C: 0.3

Ver: 05/06/2024

Eurofins Cleveland
180 S. Van Buren Avenue
Barberton, OH 44203
Phone: 330-497-9396 Fax: 330-497-0772

Chain of Custody Record

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Client Information (Sub Contract Lab)	Sampler:	Lab PM: Kalis, Nicole A	Carrier Tracking No(s):	COC No: 240-192368.1
Client Contact: Shipping/Receiving	Phone:	E-Mail: Nicole.Kalis@et.eurofinsus.com	State of Origin: Ohio	Page: Page 1 of 2
Company: Eurofins Lancaster Laboratories Environm		Accreditations Required (See note):		Job #: 240-213229-1
Address: 2425 New Holland Pike, ,	Due Date Requested: 10/29/2024			Preservation Codes: -
City: Lancaster	TAT Requested (days):			
State, Zip: PA, 17601				
Phone: 717-656-2300(Tel)	PO #:			
Email:	WO #:			
Project Name: MSC Canfield	Project #: 24033889			
Site:	SSOW#:			Other:

Sample Identification - Client ID (Lab ID)	Sample Date	Sample Time	Sample Type (C=Comp, G=grab)	Matrix (W=water, S=solid, O=waste/oil, BT=Tissue, A=Air)	Field Filtered Sample (Yes or No)	Perform MS/MSD (Yes or No)	1677_Free/ASTM_LEACH_NP Cyanide, Free	7196A/3060A Chromium, Hexavalent	Total Number of containers	Special Instructions/Note:
			Preservation Code:							
SB-10-4.0-6.0 (240-213229-1)	10/15/24	15:53 Eastern	G	Solid			X	X	1	Use caution! Site contaminated with solvent waste
SB-10-10.0-12.0 (240-213229-2)	10/15/24	16:08 Eastern	G	Solid			X	X	2	Use caution! Site contaminated with solvent waste
SB-21-12.0-14.0 (240-213229-3)	10/16/24	09:49 Eastern	G	Solid			X	X	2	Use caution! Site contaminated with solvent waste
SB-21-16.0-18.0 (240-213229-4)	10/16/24	09:55 Eastern	G	Solid			X	X	2	Use caution! Site contaminated with solvent waste
SB-13-18-20 (240-213229-5)	10/16/24	11:50 Eastern	G	Solid			X	X	2	Use caution! Site contaminated with solvent waste
SB-13-14-16 (240-213229-6)	10/16/24	11:45 Eastern	G	Solid			X	X	2	Use caution! Site contaminated with solvent waste
SB-13-14-16 (240-213229-6MS)	10/16/24	11:45 Eastern	G	Solid			X		1	Use caution! Site contaminated with solvent waste
SB-13-14-16 (240-213229-6MSD)	10/16/24	11:45 Eastern	G	Solid			X		1	Use caution! Site contaminated with solvent waste
SB-13-14-16 (240-213229-6MSI)	10/16/24	11:45 Eastern	G	Solid				X	1	Use caution! Site contaminated with solvent waste

Note: Since laboratory accreditations are subject to change, Eurofins Environment Testing North Central, LLC places the ownership of method, analyte & accreditation compliance upon our subcontract laboratories. This sample shipment is forwarded under chain-of-custody. If the laboratory does not currently maintain accreditation in the State of Origin listed above for analysis/tests/matrix being analyzed, the samples must be shipped back to the Eurofins Environment Testing North Central, LLC laboratory or other instructions will be provided. Any changes to accreditation status should be brought to Eurofins Environment Testing North Central, LLC attention immediately. If all requested accreditations are current to date, return the signed Chain of Custody attesting to said compliance to Eurofins Environment Testing North Central, LLC.

Possible Hazard Identification	*Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)*
Unconfirmed	☐ *Return To Client* ☐ *Disposal By Lab* ☐ *Archive For* _____ *Months*
Deliverable Requested: I, II, III, IV, Other (specify) Primary Deliverable Rank: 2	Special Instructions/QC Requirements:

Empty Kit Relinquished by:	Date:	Time:	Method of Shipment:

Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company
MELISSA LOAR	10-18-24				
Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company
Relinquished by:	Date/Time:	Company	Received by:	Date/Time: 10/21/24 0845	Company

Custody Seals Intact: ^ Yes Δ No	Custody Seal No.:	Cooler Temperature(s) °C and Other Remarks: 1.2 C: 1.0

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180 S. Van Buren Avenue
Barberton, OH 44203
Phone: 330-497-9396 Fax: 330-497-0772

Chain of Custody Record

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Client Information (Sub Contract Lab)	Sampler:	Lab PM: Kalis, Nicole A	Carrier Tracking No(s):	COC No: 240-192368.2
Client Contact: Shipping/Receiving	Phone:	E-Mail: Nicole.Kalis@et.eurofinsus.com	State of Origin: Ohio	Page: Page 2 of 2
Company: Eurofins Lancaster Laboratories Environm		Accreditations Required (See note):		Job #: 240-213229-1
Address: 2425 New Holland Pike, ,	Due Date Requested: 10/29/2024			Preservation Codes:
City: Lancaster	TAT Requested (days):			
State, Zip: PA, 17601				
Phone: 717-656-2300(Tel)	PO #:			
Email:	WO #:			
Project Name: MSC Canfield	Project #: 24033889			
Site:	SSOW#:			Other:

Analysis Requested

Sample Identification - Client ID (Lab ID)	Sample Date	Sample Time	Sample Type (C=Comp, G=grab)	Matrix (W=water, S=solid, O=waste/oil, BT=Tissue, A=Air)	Field Filtered Sample (Yes or No)	Perform MS/MSD (Yes or No)	1677_Free/ASTM_LEACH_NP Cyanide, Free	7196A/3060A Chromium, Hexavalent	Total Number of containers	Special Instructions/Note:
			Preservation Code:							
SB-13-14-16 (240-213229-6MSS)	10/16/24	11:45 Eastern	G	Solid				X	1	Use caution! Site contaminated with solvent waste
SB-13-16-18 (240-213229-7)	10/16/24	11:48 Eastern	G	Solid			X	X	2	Use caution! Site contaminated with solvent waste
SB-DUP-2 (240-213229-8)	10/16/24	Eastern	G	Solid			X	X	2	Use caution! Site contaminated with solvent waste

Note: Since laboratory accreditations are subject to change, Eurofins Environment Testing North Central, LLC places the ownership of method, analyte & accreditation compliance upon our subcontract laboratories. This sample shipment is forwarded under chain-of-custody. If the laboratory does not currently maintain accreditation in the State of Origin listed above for analysis/tests/matrix being analyzed, the samples must be shipped back to the Eurofins Environment Testing North Central, LLC laboratory or other instructions will be provided. Any changes to accreditation status should be brought to Eurofins Environment Testing North Central, LLC attention immediately. If all requested accreditations are current to date, return the signed Chain of Custody attesting to said compliance to Eurofins Environment Testing North Central, LLC.

Possible Hazard Identification	*Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)*
Unconfirmed	☐ *Return To Client* ☐ *Disposal By Lab* ☐ *Archive For* _____ *Months*
Deliverable Requested: I, II, III, IV, Other (specify) Primary Deliverable Rank: 2	Special Instructions/QC Requirements:

Empty Kit Relinquished by:	Date:	Time:	Method of Shipment:

Relinquished by: MALISSA LOAR	Date/Time: 10 18 24	Company	Received by:	Date/Time:	Company
Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company
Relinquished by:	Date/Time:	Company	Received by:	Date/Time: 10/21/24 0845	Company

Custody Seals Intact: Δ Yes Δ No	Custody Seal No.:	Cooler Temperature(s) °C and Other Remarks: 2.0 - 1.2 C - 1.0

Login Sample Receipt Checklist

Client: August Mack Environmental, Inc.

Job Number: 240-213229-1

Login Number: 213229
List Number: 2
Creator: Arroyo, Haley

List Source: Eurofins Lancaster Laboratories Environment Testing, LLC
List Creation: 10/18/24 11:46 AM

Question	Answer	Comment
The cooler's custody seal is intact.	N/A	
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	True	
Cooler Temperature acceptable,where thermal pres is required(</=6C, not frozen).	True	
Cooler Temperature is recorded.	True	
WV:Container Temp acceptable,where thermal pres is required (</=6C, not frozen).	N/A	
WV: Container Temperature is recorded.	N/A	
COC is present.	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information.	True	
There are no discrepancies between the containers received and the COC.	True	
Sample containers have legible labels.	True	
Containers are not broken or leaking.	True	
Sample collection date/times are provided.	True	
Appropriate sample containers are used.	True	
Sample bottles are completely filled.	True	
There is sufficient vol. for all requested analyses.	True	
Is the Field Sampler's name present on COC?	False	Received project as a subcontract.
Sample custody seals are intact.	N/A	
VOA sample vials do not have headspace >6mm in diameter (none, if from WV)?	N/A	

Login Sample Receipt Checklist

Client: August Mack Environmental, Inc.

Job Number: 240-213229-1

Login Number: 213229
List Number: 3
Creator: Arroyo, Haley

List Source: Eurofins Lancaster Laboratories Environment Testing, LLC
List Creation: 10/21/24 11:27 AM

Question	Answer	Comment
The cooler's custody seal is intact.	N/A	
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	True	
Cooler Temperature acceptable,where thermal pres is required(</=6C, not frozen).	True	
Cooler Temperature is recorded.	True	
WV:Container Temp acceptable,where thermal pres is required (</=6C, not frozen).	N/A	
WV: Container Temperature is recorded.	N/A	
COC is present.	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information.	True	
There are no discrepancies between the containers received and the COC.	True	
Sample containers have legible labels.	True	
Containers are not broken or leaking.	True	
Sample collection date/times are provided.	True	
Appropriate sample containers are used.	True	
Sample bottles are completely filled.	True	
There is sufficient vol. for all requested analyses.	True	
Is the Field Sampler's name present on COC?	False	Received project as a subcontract.
Sample custody seals are intact.	N/A	
VOA sample vials do not have headspace >6mm in diameter (none, if from WV)?	N/A	

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ANALYTICAL REPORT

PREPARED FOR

Attn: Kain Lager-Lowe
August Mack Environmental, Inc.
7830 North Central Drive, Suite B
Lewis Center, Ohio 43035

Generated 11/5/2024 4:09:29 AM

JOB DESCRIPTION

MSC Canfield

JOB NUMBER

240-213294-1

Eurofins Cleveland
180 S. Van Buren Avenue
Barberton OH 44203

See page two for job notes and contact information.

my EOL

Job Notes

This report may not be reproduced except in full, and with written approval from the laboratory. The results relate only to the samples tested. For questions please contact the Project Manager at the e-mail address or telephone number listed on this page.

The test results in this report relate only to the samples as received by the laboratory and will meet all requirements of the methodology, with any exceptions noted. This report shall not be reproduced except in full, without the express written approval of the laboratory. All questions should be directed to the Eurofins Environment Testing North Central, LLC Project Manager.

Authorization



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11/5/2024 4:09:29 AM

Authorized for release by
Nicole Kalis, Project Manager I
Nicole.Kalis@et.eurofinsus.com
(330)497-9396

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Client: August Mack Environmental, Inc.
Job ID: 240-213294-1
Project/Site: MSC Canfield

Qualifiers

GC/MS VOA

Qualifier	Qualifier Description
J	Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.

GC/MS Semi VOA

Qualifier	Qualifier Description
B	Compound was found in the blank and sample.
J	Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.
S1+	Surrogate recovery exceeds control limits, high biased.

Metals

Qualifier	Qualifier Description
J	Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.

General Chemistry

Qualifier	Qualifier Description
F1	MS and/or MSD recovery exceeds control limits.
J	Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.

Glossary

Abbreviation	These commonly used abbreviations may or may not be present in this report.
☼	Listed under the "D" column to designate that the result is reported on a dry weight basis
%R	Percent Recovery
CFL	Contains Free Liquid
CFU	Colony Forming Unit
CNF	Contains No Free Liquid
DER	Duplicate Error Ratio (normalized absolute difference)
Dil Fac	Dilution Factor
DL	Detection Limit (DoD/DOE)
DL, RA, RE, IN	Indicates a Dilution, Re-analysis, Re-extraction, or additional Initial metals/anion analysis of the sample
DLC	Decision Level Concentration (Radiochemistry)
EDL	Estimated Detection Limit (Dioxin)
LOD	Limit of Detection (DoD/DOE)
LOQ	Limit of Quantitation (DoD/DOE)
MCL	EPA recommended "Maximum Contaminant Level"
MDA	Minimum Detectable Activity (Radiochemistry)
MDC	Minimum Detectable Concentration (Radiochemistry)
MDL	Method Detection Limit
ML	Minimum Level (Dioxin)
MPN	Most Probable Number
MQL	Method Quantitation Limit
NC	Not Calculated
ND	Not Detected at the reporting limit (or MDL or EDL if shown)
NEG	Negative / Absent
POS	Positive / Present
PQL	Practical Quantitation Limit
PRES	Presumptive
QC	Quality Control
RER	Relative Error Ratio (Radiochemistry)
RL	Reporting Limit or Requested Limit (Radiochemistry)
RPD	Relative Percent Difference, a measure of the relative difference between two points
TEF	Toxicity Equivalent Factor (Dioxin)
TEQ	Toxicity Equivalent Quotient (Dioxin)
TNTC	Too Numerous To Count

Job ID: 240-213294-1 Eurofins Cleveland

Job Narrative
240-213294-1

Analytical test results meet all requirements of the associated regulatory program listed on the Accreditation/Certification Summary Page unless otherwise noted under the individual analysis. Data qualifiers and/or narrative comments are included to explain any exceptions, if applicable.

- Matrix QC may not be reported if insufficient sample is provided or site-specific QC samples were not submitted. In these situations, to demonstrate precision and accuracy at a batch level, a LCS/LCSD may be performed, unless otherwise specified in the method.
- Surrogate and/or isotope dilution analyte recoveries (if applicable) which are outside of the QC window are confirmed unless attributed to a dilution or otherwise noted in the narrative.

Regulated compliance samples (e.g. SDWA, NPDES) must comply with the associated agency requirements/permits.

Receipt
The samples were received on 10/17/2024 4:04 PM. Unless otherwise noted below, the samples arrived in good condition, and, where required, properly preserved and on ice. The temperatures of the 2 coolers at receipt time were 3.2°C and 4.1°C.

GC/MS VOA
Method 8260D: The continuing calibration verification (CCV) analyzed in batch 240-632801 was outside the method criteria for the following analyte(s): 1,1,2-Trichloro-1,2,2-trifluoroethane, Bromomethane and Trichlorofluoromethane. A CCV standard at or below the reporting limit (RL) was analyzed with the affected samples and found to be acceptable. As indicated in the reference method, sample analysis may proceed; however, any detection for the affected analyte(s) is considered estimated.

Method 8260D: NO MS/MSD in batch 632801 due to an incorrect dilution.

TB-9 (240-213294-5) and TB-10 (240-213294-6)

Method 8260D: The continuing calibration verification (CCV) analyzed in batch 240-632856 was outside the method criteria for the following analyte(s): 1,1,2,2-Tetrachloroethane. A CCV standard at or below the reporting limit (RL) was analyzed with the affected samples and found to be acceptable. As indicated in the reference method, sample analysis may proceed; however, any detection for the affected analyte(s) is considered estimated.

Method 8260D: The continuing calibration verification (CCV) associated with batch 240-632856 recovered above the upper control limit for Bromomethane and Chloroethane. The samples associated with this CCV were non-detects for the affected analytes; therefore, the data have been reported. The associated samples are impacted: SB-21-GW-18-28 (240-213294-1), SB-13-GW-18-28 (240-213294-2) and SB-22-GW-18-28 (240-213294-3).

Method 8260D: The continuing calibration verification (CCV) analyzed in batch 240-633276 was outside the method criteria for the following analyte(s): Dichlorodifluoromethane and Vinyl chloride. A CCV standard at or below the reporting limit (RL) was analyzed with the affected samples and found to be acceptable. As indicated in the reference method, sample analysis may proceed; however, any detection for the affected analyte(s) is considered estimated.

Method 8260D: The continuing calibration verification (CCV) associated with batch 240-633276 recovered above the upper control limit for Dichlorodifluoromethane and Vinyl chloride. The samples associated with this CCV were non-detects for the affected analytes; therefore, the data have been reported. The associated sample is impacted: DUP-1 (240-213294-4).

Method 8260D: No Ms/MSD due to reanalysis due to the need for a different.

SB-13-GW-18-28 (240-213294-2), SB-22-GW-18-28 (240-213294-3) and DUP-1 (240-213294-4)

No additional analytical or quality issues were noted, other than those described above or in the Definitions/ Glossary page.

GC/MS Semi VOA
Method 8270E: Insufficient sample volume was available to perform a matrix spike/matrix spike duplicate (MS/MSD) associated with preparation batch 240-632015.

Method 8270E: The continuing calibration verification (CCV) associated with batch 240-632401 recovered outside acceptance criteria, low biased, for Pentachlorophenol. A reporting limit (RL) standard was analyzed, and the target analyte was detected.

Since the associated samples were non-detect for the analyte, the data were reported. Samples SB-21-GW-18-28 (240-213294-1), SB-13-GW-18-28 (240-213294-2), SB-22-GW-18-28 (240-213294-3) and DUP-1 (240-213294-4) were impacted.

Method 8270E: The method blank associated with prep batch 240-632015 and samples SB-21-GW-18-28 (240-213294-1), SB-13-GW-18-28 (240-213294-2), SB-22-GW-18-28 (240-213294-3) and DUP-1 (240-213294-4) contained the analyte Bis(2-ethylhexyl) phthalate above the reporting limit. Because this analyte is a noted laboratory contaminant and was not present at greater than 10x the reporting limit is the associated samples no corrective action was required. Samples SB-21-GW-18-28 (240-213294-1), SB-13-GW-18-28 (240-213294-2), SB-22-GW-18-28 (240-213294-3) and DUP-1 (240-213294-4) were impacted.

Method 8270E: The LCS associated with prep batch 240-632015 and samples SB-21-GW-18-28 (240-213294-1), SB-13-GW-18-28 (240-213294-2), SB-22-GW-18-28 (240-213294-3) and DUP-1 (240-213294-4) had one acid surrogate recovery above acceptance criteria. Because the associated samples were each ND for any acid analytes no corrective action was required.

No additional analytical or quality issues were noted, other than those described above or in the Definitions/ Glossary page.

PCBs
Method 8082A: The following samples required a tetrabutylammonium sulfite (TBA) clean-up to reduce matrix interferences caused by sulfur: SB-21-GW-18-28 (240-213294-1), SB-13-GW-18-28 (240-213294-2), (240-213369-B-1-A), (240-213369-B-1-B MS) and (240-213369-A-1-A MSD).

No additional analytical or quality issues were noted, other than those described above or in the Definitions/ Glossary page.

Metals
No additional analytical or quality issues were noted, other than those described above or in the Definitions/ Glossary page.

General Chemistry
Method 1677_Free: The following sample was found to contain residual chlorine: SB-13-GW-18-28 (240-213294-2).

Method 1677_Free: The following sample was found to contain residual chlorine: SB-22-GW-18-28 (240-213294-3).

Method 1677_Free: The following sample was found to contain residual chlorine: DUP-1 (240-213294-4).

Method 7196A: The following sample was diluted due to the nature of the sample matrix: SB-21-GW-18-28 (240-213294-1). Elevated reporting limits (RLs) are provided.

No additional analytical or quality issues were noted, other than those described above or in the Definitions/ Glossary page.

Method Summary

Client: August Mack Environmental, Inc.
Project/Site: MSC Canfield

Job ID: 240-213294-1

Method	Method Description	Protocol	Laboratory
8260D	Volatile Organic Compounds by GC/MS	SW846	EET CLE
8270E	Semivolatile Organic Compounds (GC/MS)	SW846	EET CLE
8082A	Polychlorinated Biphenyls (PCBs) by Gas Chromatography	SW846	EET CLE
6010D	Metals (ICP)	SW846	EET CLE
7470A	Mercury (CVAA)	SW846	EET CLE
7196A	Chromium, Hexavalent	SW846	EET CLE
9012B	Cyanide, Total andor Amenable	SW846	EET CLE
OIA-1677	Cyanide, Free (Flow Injection)	OI CORP	ELLE
3005A	Preparation, Total Recoverable or Dissolved Metals	SW846	EET CLE
3510C	Liquid-Liquid Extraction (Separatory Funnel)	SW846	EET CLE
3510C LVI	Liquid-Liquid Extraction (Separatory Funnel) LVI	SW846	EET CLE
5030C	Purge and Trap	SW846	EET CLE
7470A	Preparation, Mercury	SW846	EET CLE
9012B	Cyanide, Total and/or Amenable, Distillation	SW846	EET CLE

Protocol References:

OI CORP = OI Corporation Instrument Manual.

SW846 = "Test Methods For Evaluating Solid Waste, Physical/Chemical Methods", Third Edition, November 1986 And Its Updates.

Laboratory References:

EET CLE = Eurofins Cleveland, 180 S. Van Buren Avenue, Barberton, OH 44203, TEL (330)497-9396

ELLE = Eurofins Lancaster Laboratories Environment Testing, LLC, 2425 New Holland Pike, Lancaster, PA 17601, TEL (717)656-2300

Sample Summary

Client: August Mack Environmental, Inc.
Project/Site: MSC Canfield

Job ID: 240-213294-1

Lab Sample ID	Client Sample ID	Matrix	Collected	Received
240-213294-1	SB-21-GW-18-28	Water	10/17/24 09:50	10/17/24 16:04
240-213294-2	SB-13-GW-18-28	Water	10/17/24 11:05	10/17/24 16:04
240-213294-3	SB-22-GW-18-28	Water	10/17/24 13:00	10/17/24 16:04
240-213294-4	DUP-1	Water	10/17/24 00:00	10/17/24 16:04
240-213294-5	TB-9	Water	10/17/24 00:00	10/17/24 16:04
240-213294-6	TB-10	Water	10/17/24 00:00	10/17/24 16:04

Detection Summary

Client: August Mack Environmental, Inc.
Project/Site: MSC Canfield

Job ID: 240-213294-1

Client Sample ID: SB-21-GW-18-28 — Lab Sample ID: 240-213294-1

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
1,2,4-Trichlorobenzene	1.2		1.0	0.77	ug/L	1		8260D	Total/NA
Bis(2-ethylhexyl) phthalate	3.1	J B	5.0	2.2	ug/L	1		8270E	Total/NA
Arsenic	230		15	4.1	ug/L	1		6010D	Total Recoverable
Barium	170	J	200	1.3	ug/L	1		6010D	Total Recoverable
Cadmium	0.51	J	5.0	0.45	ug/L	1		6010D	Total Recoverable
Chromium	44		10	0.76	ug/L	1		6010D	Total Recoverable
Copper	170		25	3.5	ug/L	1		6010D	Total Recoverable
Lead	47		10	2.8	ug/L	1		6010D	Total Recoverable
Zinc	290		50	23	ug/L	1		6010D	Total Recoverable
Barium	24	J	200	1.3	ug/L	1		6010D	Dissolved
Chromium	1.6	J	10	0.76	ug/L	1		6010D	Dissolved
Copper	71		25	3.5	ug/L	1		6010D	Dissolved
Selenium	6.3	J	20	6.0	ug/L	1		6010D	Dissolved
Cyanide, Total	0.41		0.010	0.0060	mg/L	1		9012B	Total/NA
Cyanide, Free	0.17	F1	0.0060	0.0050	mg/L	1		OIA-1677	Total/NA

Client Sample ID: SB-13-GW-18-28 — Lab Sample ID: 240-213294-2

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
1,1-Dichloroethene	0.72	J	1.0	0.49	ug/L	1		8260D	Total/NA
cis-1,2-Dichloroethene	4.6		1.0	0.46	ug/L	1		8260D	Total/NA
trans-1,2-Dichloroethene	0.52	J	1.0	0.51	ug/L	1		8260D	Total/NA
Trichloroethene	80		2.0	0.88	ug/L	2		8260D	Total/NA
Bis(2-ethylhexyl) phthalate	6.7	B	5.0	2.2	ug/L	1		8270E	Total/NA
Pyrene	0.16	J	0.20	0.083	ug/L	1		8270E	Total/NA
Arsenic	13	J	15	4.1	ug/L	1		6010D	Total Recoverable
Barium	66	J	200	1.3	ug/L	1		6010D	Total Recoverable
Chromium	13		10	0.76	ug/L	1		6010D	Total Recoverable
Copper	11	J	25	3.5	ug/L	1		6010D	Total Recoverable
Lead	7.9	J	10	2.8	ug/L	1		6010D	Total Recoverable
Zinc	44	J	50	23	ug/L	1		6010D	Total Recoverable
Barium	42	J	200	1.3	ug/L	1		6010D	Dissolved
Chromium	2.1	J	10	0.76	ug/L	1		6010D	Dissolved
Chromium, hexavalent	0.011	J	0.020	0.0070	mg/L	1		7196A	Total/NA
Cyanide, Total	0.028		0.010	0.0060	mg/L	1		9012B	Total/NA

Client Sample ID: SB-22-GW-18-28 — Lab Sample ID: 240-213294-3

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Trichloroethene	5.6		1.0	0.44	ug/L	1		8260D	Total/NA
Bis(2-ethylhexyl) phthalate	7.9	B	5.0	2.2	ug/L	1		8270E	Total/NA

This Detection Summary does not include radiochemical test results.

Eurofins Cleveland

Client Sample ID: SB-22-GW-18-28 (Continued)

Lab Sample ID: 240-213294-3

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Arsenic	9.0	J	15	4.1	ug/L	1		6010D	Total Recoverable
Barium	45	J	200	1.3	ug/L	1		6010D	Total Recoverable
Chromium	5.2	J	10	0.76	ug/L	1		6010D	Total Recoverable
Copper	6.8	J	25	3.5	ug/L	1		6010D	Total Recoverable
Lead	3.7	J	10	2.8	ug/L	1		6010D	Total Recoverable
Zinc	26	J	50	23	ug/L	1		6010D	Total Recoverable
Barium	35	J	200	1.3	ug/L	1		6010D	Dissolved
Chromium	1.3	J	10	0.76	ug/L	1		6010D	Dissolved
Cyanide, Total	0.024		0.010	0.0060	mg/L	1		9012B	Total/NA

Client Sample ID: DUP-1

Lab Sample ID: 240-213294-4

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Trichloroethene	5.2		1.0	0.44	ug/L	1		8260D	Total/NA
Bis(2-ethylhexyl) phthalate	3.4	J B	5.0	2.2	ug/L	1		8270E	Total/NA
Arsenic	6.8	J	15	4.1	ug/L	1		6010D	Total Recoverable
Barium	42	J	200	1.3	ug/L	1		6010D	Total Recoverable
Chromium	4.6	J	10	0.76	ug/L	1		6010D	Total Recoverable
Copper	5.0	J	25	3.5	ug/L	1		6010D	Total Recoverable
Barium	33	J	200	1.3	ug/L	1		6010D	Dissolved
Chromium	1.2	J	10	0.76	ug/L	1		6010D	Dissolved
Cyanide, Total	0.023		0.010	0.0060	mg/L	1		9012B	Total/NA

Client Sample ID: TB-9

Lab Sample ID: 240-213294-5

No Detections.

Client Sample ID: TB-10

Lab Sample ID: 240-213294-6

No Detections.

This Detection Summary does not include radiochemical test results.

Client: August Mack Environmental, Inc.
Project/Site: MSC Canfield

Job ID: 240-213294-1

Client Sample ID: SB-21-GW-18-28
Date Collected: 10/17/24 09:50
Date Received: 10/17/24 16:04

Lab Sample ID: 240-213294-1
Matrix: Water

Method: SW846 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		1.0	0.48	ug/L			10/29/24 18:23	1
1,1,2,2-Tetrachloroethane	ND		1.0	0.60	ug/L			10/29/24 18:23	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		1.0	0.41	ug/L			10/29/24 18:23	1
1,1,2-Trichloroethane	ND		1.0	0.48	ug/L			10/29/24 18:23	1
1,1-Dichloroethane	ND		1.0	0.47	ug/L			10/29/24 18:23	1
1,1-Dichloroethene	ND		1.0	0.49	ug/L			10/29/24 18:23	1
1,2,4-Trichlorobenzene	**1.2**		1.0	0.77	ug/L			10/29/24 18:23	1
1,2-Dibromo-3-Chloropropane	ND		2.0	0.91	ug/L			10/29/24 18:23	1
Ethylene Dibromide	ND		1.0	0.41	ug/L			10/29/24 18:23	1
1,2-Dichlorobenzene	ND		1.0	0.48	ug/L			10/29/24 18:23	1
1,2-Dichloroethane	ND		1.0	0.46	ug/L			10/29/24 18:23	1
1,2-Dichloropropane	ND		1.0	0.47	ug/L			10/29/24 18:23	1
1,3-Dichlorobenzene	ND		1.0	0.45	ug/L			10/29/24 18:23	1
1,4-Dichlorobenzene	ND		1.0	0.41	ug/L			10/29/24 18:23	1
2-Butanone (MEK)	ND		10	1.2	ug/L			10/29/24 18:23	1
2-Hexanone	ND		10	1.1	ug/L			10/29/24 18:23	1
4-Methyl-2-pentanone (MIBK)	ND		10	0.99	ug/L			10/29/24 18:23	1
Acetone	ND		10	5.4	ug/L			10/29/24 18:23	1
Benzene	ND		1.0	0.42	ug/L			10/29/24 18:23	1
Dichlorobromomethane	ND		1.0	0.38	ug/L			10/29/24 18:23	1
Bromoform	ND		1.0	0.76	ug/L			10/29/24 18:23	1
Bromomethane	ND		1.0	0.42	ug/L			10/29/24 18:23	1
Carbon disulfide	ND		1.0	0.59	ug/L			10/29/24 18:23	1
Carbon tetrachloride	ND		1.0	0.26	ug/L			10/29/24 18:23	1
Chlorobenzene	ND		1.0	0.38	ug/L			10/29/24 18:23	1
Chloroethane	ND		1.0	0.83	ug/L			10/29/24 18:23	1
Chloroform	ND		1.0	0.47	ug/L			10/29/24 18:23	1
Chloromethane	ND		1.0	0.63	ug/L			10/29/24 18:23	1
cis-1,2-Dichloroethene	ND		1.0	0.46	ug/L			10/29/24 18:23	1
cis-1,3-Dichloropropene	ND		1.0	0.61	ug/L			10/29/24 18:23	1
Cyclohexane	ND		1.0	0.48	ug/L			10/29/24 18:23	1
Chlorodibromomethane	ND		1.0	0.39	ug/L			10/29/24 18:23	1
Dichlorodifluoromethane	ND		1.0	0.35	ug/L			10/29/24 18:23	1
Ethylbenzene	ND		1.0	0.42	ug/L			10/29/24 18:23	1
Isopropylbenzene	ND		1.0	0.49	ug/L			10/29/24 18:23	1
Methyl acetate	ND		10	1.7	ug/L			10/29/24 18:23	1
Methyl tert-butyl ether	ND		1.0	0.47	ug/L			10/29/24 18:23	1
Methylcyclohexane	ND		1.0	0.33	ug/L			10/29/24 18:23	1
Methylene Chloride	ND		5.0	2.6	ug/L			10/29/24 18:23	1
Styrene	ND		1.0	0.45	ug/L			10/29/24 18:23	1
Tetrachloroethene	ND		1.0	0.44	ug/L			10/29/24 18:23	1
Toluene	ND		1.0	0.44	ug/L			10/29/24 18:23	1
trans-1,2-Dichloroethene	ND		1.0	0.51	ug/L			10/29/24 18:23	1
trans-1,3-Dichloropropene	ND		1.0	0.67	ug/L			10/29/24 18:23	1
Trichloroethene	ND		1.0	0.44	ug/L			10/29/24 18:23	1
Trichlorofluoromethane	ND		1.0	0.45	ug/L			10/29/24 18:23	1
Vinyl chloride	ND		1.0	0.45	ug/L			10/29/24 18:23	1
Xylenes, Total	ND		2.0	0.42	ug/L			10/29/24 18:23	1

Client: August Mack Environmental, Inc.
Project/Site: MSC Canfield

Job ID: 240-213294-1

Client Sample ID: SB-21-GW-18-28
Date Collected: 10/17/24 09:50
Date Received: 10/17/24 16:04

Lab Sample ID: 240-213294-1
Matrix: Water

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
Toluene-d8 (Surr)	*92*		*78 - 122*		*10/29/24 18:23*	*1*
Dibromofluoromethane (Surr)	*97*		*73 - 120*		*10/29/24 18:23*	*1*
4-Bromofluorobenzene (Surr)	*88*		*56 - 136*		*10/29/24 18:23*	*1*
1,2-Dichloroethane-d4 (Surr)	*89*		*62 - 137*		*10/29/24 18:23*	*1*

Method: SW846 8270E - Semivolatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1'-Biphenyl	ND		1.0	0.49	ug/L		10/23/24 08:12	10/25/24 12:02	1
bis (2-chloroisopropyl) ether	ND		1.0	0.24	ug/L		10/23/24 08:12	10/25/24 12:02	1
2,4,5-Trichlorophenol	ND		5.0	2.0	ug/L		10/23/24 08:12	10/25/24 12:02	1
2,4,6-Trichlorophenol	ND		5.0	1.8	ug/L		10/23/24 08:12	10/25/24 12:02	1
2,4-Dichlorophenol	ND		2.0	0.26	ug/L		10/23/24 08:12	10/25/24 12:02	1
2,4-Dimethylphenol	ND		2.0	0.25	ug/L		10/23/24 08:12	10/25/24 12:02	1
2,4-Dinitrophenol	ND		10	2.6	ug/L		10/23/24 08:12	10/25/24 12:02	1
2,4-Dinitrotoluene	ND		5.0	2.1	ug/L		10/23/24 08:12	10/25/24 12:02	1
2,6-Dinitrotoluene	ND		5.0	1.1	ug/L		10/23/24 08:12	10/25/24 12:02	1
2-Chloronaphthalene	ND		1.0	0.23	ug/L		10/23/24 08:12	10/25/24 12:02	1
2-Chlorophenol	ND		1.0	0.27	ug/L		10/23/24 08:12	10/25/24 12:02	1
2-Methylnaphthalene	ND		0.20	0.11	ug/L		10/23/24 08:12	10/25/24 12:02	1
2-Methylphenol	ND		1.0	0.21	ug/L		10/23/24 08:12	10/25/24 12:02	1
2-Nitroaniline	ND		2.0	0.51	ug/L		10/23/24 08:12	10/25/24 12:02	1
2-Nitrophenol	ND		2.0	0.56	ug/L		10/23/24 08:12	10/25/24 12:02	1
3,3'-Dichlorobenzidine	ND		5.0	1.2	ug/L		10/23/24 08:12	10/25/24 12:02	1
3-Nitroaniline	ND		2.0	0.57	ug/L		10/23/24 08:12	10/25/24 12:02	1
4,6-Dinitro-2-methylphenol	ND		5.0	2.8	ug/L		10/23/24 08:12	10/25/24 12:02	1
4-Bromophenyl phenyl ether	ND		2.0	0.50	ug/L		10/23/24 08:12	10/25/24 12:02	1
4-Chloro-3-methylphenol	ND		2.0	0.30	ug/L		10/23/24 08:12	10/25/24 12:02	1
4-Chloroaniline	ND		2.0	0.32	ug/L		10/23/24 08:12	10/25/24 12:02	1
4-Chlorophenyl phenyl ether	ND		2.0	0.55	ug/L		10/23/24 08:12	10/25/24 12:02	1
4-Nitroaniline	ND		2.0	0.33	ug/L		10/23/24 08:12	10/25/24 12:02	1
4-Nitrophenol	ND		10	2.2	ug/L		10/23/24 08:12	10/25/24 12:02	1
Acenaphthene	ND		0.20	0.17	ug/L		10/23/24 08:12	10/25/24 12:02	1
Acenaphthylene	ND		0.20	0.13	ug/L		10/23/24 08:12	10/25/24 12:02	1
Acetophenone	ND		1.0	0.37	ug/L		10/23/24 08:12	10/25/24 12:02	1
Anthracene	ND		0.20	0.14	ug/L		10/23/24 08:12	10/25/24 12:02	1
Atrazine	ND		2.0	0.95	ug/L		10/23/24 08:12	10/25/24 12:02	1
Benzaldehyde	ND		2.0	0.76	ug/L		10/23/24 08:12	10/25/24 12:02	1
Benzo[a]anthracene	ND		0.20	0.068	ug/L		10/23/24 08:12	10/25/24 12:02	1
Benzo[a]pyrene	ND		0.20	0.17	ug/L		10/23/24 08:12	10/25/24 12:02	1
Benzo[b]fluoranthene	ND		0.20	0.15	ug/L		10/23/24 08:12	10/25/24 12:02	1
Benzo[g,h,i]perylene	ND		0.20	0.18	ug/L		10/23/24 08:12	10/25/24 12:02	1
Benzo[k]fluoranthene	ND		0.20	0.14	ug/L		10/23/24 08:12	10/25/24 12:02	1
Bis(2-chloroethoxy)methane	ND		1.0	0.22	ug/L		10/23/24 08:12	10/25/24 12:02	1
Bis(2-chloroethyl)ether	ND		1.0	0.40	ug/L		10/23/24 08:12	10/25/24 12:02	1
Bis(2-ethylhexyl) phthalate	**3.1**	**J B**	5.0	2.2	ug/L		10/23/24 08:12	10/25/24 12:02	1
Butyl benzyl phthalate	ND		2.0	0.67	ug/L		10/23/24 08:12	10/25/24 12:02	1
Caprolactam	ND		5.0	3.8	ug/L		10/23/24 08:12	10/25/24 12:02	1
Carbazole	ND		1.0	0.49	ug/L		10/23/24 08:12	10/25/24 12:02	1
Chrysene	ND		0.20	0.066	ug/L		10/23/24 08:12	10/25/24 12:02	1
Dibenz(a,h)anthracene	ND		0.20	0.15	ug/L		10/23/24 08:12	10/25/24 12:02	1

Client Sample ID: SB-21-GW-18-28
Date Collected: 10/17/24 09:50
Date Received: 10/17/24 16:04

Lab Sample ID: 240-213294-1
Matrix: Water

Method: SW846 8270E - Semivolatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Dibenzofuran	ND		1.0	0.27	ug/L		10/23/24 08:12	10/25/24 12:02	1
Diethyl phthalate	ND		5.0	0.41	ug/L		10/23/24 08:12	10/25/24 12:02	1
Dimethyl phthalate	ND		2.0	0.52	ug/L		10/23/24 08:12	10/25/24 12:02	1
Di-n-butyl phthalate	ND		5.0	1.8	ug/L		10/23/24 08:12	10/25/24 12:02	1
Di-n-octyl phthalate	ND		2.0	0.82	ug/L		10/23/24 08:12	10/25/24 12:02	1
Fluoranthene	ND		0.20	0.16	ug/L		10/23/24 08:12	10/25/24 12:02	1
Fluorene	ND		0.20	0.079	ug/L		10/23/24 08:12	10/25/24 12:02	1
Hexachlorobenzene	ND		0.20	0.16	ug/L		10/23/24 08:12	10/25/24 12:02	1
Hexachlorobutadiene	ND		1.0	0.54	ug/L		10/23/24 08:12	10/25/24 12:02	1
Hexachlorocyclopentadiene	ND		10	1.8	ug/L		10/23/24 08:12	10/25/24 12:02	1
Hexachloroethane	ND		1.0	0.40	ug/L		10/23/24 08:12	10/25/24 12:02	1
Indeno[1,2,3-cd]pyrene	ND		0.20	0.14	ug/L		10/23/24 08:12	10/25/24 12:02	1
Isophorone	ND		1.0	0.32	ug/L		10/23/24 08:12	10/25/24 12:02	1
N-Nitrosodi-n-propylamine	ND		1.0	0.25	ug/L		10/23/24 08:12	10/25/24 12:02	1
N-Nitrosodiphenylamine	ND		1.0	0.44	ug/L		10/23/24 08:12	10/25/24 12:02	1
Naphthalene	ND		0.20	0.11	ug/L		10/23/24 08:12	10/25/24 12:02	1
Nitrobenzene	ND		1.0	0.51	ug/L		10/23/24 08:12	10/25/24 12:02	1
Pentachlorophenol	ND		10	3.1	ug/L		10/23/24 08:12	10/25/24 12:02	1
Phenanthrene	ND		0.20	0.080	ug/L		10/23/24 08:12	10/25/24 12:02	1
Phenol	ND		1.0	0.40	ug/L		10/23/24 08:12	10/25/24 12:02	1
Pyrene	ND		0.20	0.083	ug/L		10/23/24 08:12	10/25/24 12:02	1
3 & 4 Methylphenol	ND		2.0	0.19	ug/L		10/23/24 08:12	10/25/24 12:02	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Terphenyl-d14 (Surr)	*81*		*43 - 136*	*10/23/24 08:12*	*10/25/24 12:02*	*1*
Phenol-d5 (Surr)	*73*		*10 - 120*	*10/23/24 08:12*	*10/25/24 12:02*	*1*
Nitrobenzene-d5 (Surr)	*91*		*40 - 120*	*10/23/24 08:12*	*10/25/24 12:02*	*1*
2-Fluorophenol (Surr)	*112*		*10 - 127*	*10/23/24 08:12*	*10/25/24 12:02*	*1*
2-Fluorobiphenyl (Surr)	*84*		*41 - 120*	*10/23/24 08:12*	*10/25/24 12:02*	*1*
2,4,6-Tribromophenol (Surr)	*99*		*23 - 127*	*10/23/24 08:12*	*10/25/24 12:02*	*1*

Method: SW846 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aroclor-1016	ND		0.097	0.054	ug/L		10/21/24 08:36	10/22/24 20:04	1
Aroclor-1221	ND		0.097	0.055	ug/L		10/21/24 08:36	10/22/24 20:04	1
Aroclor-1232	ND		0.097	0.072	ug/L		10/21/24 08:36	10/22/24 20:04	1
Aroclor-1242	ND		0.097	0.074	ug/L		10/21/24 08:36	10/22/24 20:04	1
Aroclor-1248	ND		0.097	0.049	ug/L		10/21/24 08:36	10/22/24 20:04	1
Aroclor-1254	ND		0.097	0.039	ug/L		10/21/24 08:36	10/22/24 20:04	1
Aroclor-1260	ND		0.097	0.045	ug/L		10/21/24 08:36	10/22/24 20:04	1
Aroclor-1262	ND		0.097	0.056	ug/L		10/21/24 08:36	10/22/24 20:04	1
Aroclor-1268	ND		0.097	0.060	ug/L		10/21/24 08:36	10/22/24 20:04	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Tetrachloro-m-xylene	*29*		*10 - 149*	*10/21/24 08:36*	*10/22/24 20:04*	*1*
DCB Decachlorobiphenyl	*14*		*10 - 174*	*10/21/24 08:36*	*10/22/24 20:04*	*1*

Method: SW846 6010D - Metals (ICP) - Total Recoverable

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	**230**		15	4.1	ug/L		10/21/24 14:00	10/22/24 11:30	1

Client: August Mack Environmental, Inc.
Project/Site: MSC Canfield

Job ID: 240-213294-1

Client Sample ID: SB-21-GW-18-28

Date Collected: 10/17/24 09:50
Date Received: 10/17/24 16:04

Lab Sample ID: 240-213294-1

Matrix: Water

Method: SW846 6010D - Metals (ICP) - Total Recoverable (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Barium	**170**	**J**	200	1.3	ug/L		10/21/24 14:00	10/22/24 11:30	1
Cadmium	**0.51**	**J**	5.0	0.45	ug/L		10/21/24 14:00	10/22/24 11:30	1
Chromium	**44**		10	0.76	ug/L		10/21/24 14:00	10/22/24 11:30	1
Copper	**170**		25	3.5	ug/L		10/21/24 14:00	10/22/24 11:30	1
Lead	**47**		10	2.8	ug/L		10/21/24 14:00	10/22/24 11:30	1
Selenium	ND		20	6.0	ug/L		10/21/24 14:00	10/22/24 11:30	1
Silver	ND		10	1.4	ug/L		10/21/24 14:00	10/22/24 11:30	1
Zinc	**290**		50	23	ug/L		10/21/24 14:00	10/22/24 11:30	1

Method: SW846 6010D - Metals (ICP) - Dissolved

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	ND		15	4.1	ug/L		10/21/24 14:00	10/22/24 11:34	1
Barium	**24**	**J**	200	1.3	ug/L		10/21/24 14:00	10/22/24 11:34	1
Cadmium	ND		5.0	0.45	ug/L		10/21/24 14:00	10/22/24 11:34	1
Chromium	**1.6**	**J**	10	0.76	ug/L		10/21/24 14:00	10/22/24 11:34	1
Copper	**71**		25	3.5	ug/L		10/21/24 14:00	10/22/24 11:34	1
Lead	ND		10	2.8	ug/L		10/21/24 14:00	10/22/24 11:34	1
Selenium	**6.3**	**J**	20	6.0	ug/L		10/21/24 14:00	10/22/24 11:34	1
Silver	ND		10	1.4	ug/L		10/21/24 14:00	10/22/24 11:34	1
Zinc	ND		50	23	ug/L		10/21/24 14:00	10/22/24 11:34	1

Method: SW846 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	ND		0.20	0.13	ug/L		10/21/24 14:00	10/22/24 13:11	1

Method: SW846 7470A - Mercury (CVAA) - Dissolved

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	ND		0.20	0.13	ug/L		10/21/24 14:00	10/22/24 13:13	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chromium, hexavalent (SW846 7196A)	ND		0.10	0.035	mg/L			10/18/24 09:14	5
Cyanide, Total (SW846 9012B)	**0.41**		0.010	0.0060	mg/L		10/25/24 11:12	10/25/24 21:10	1
Cyanide, Free (OI CORP OIA-1677)	**0.17**	**F1**	0.0060	0.0050	mg/L			10/31/24 14:29	1

General Chemistry - Dissolved

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chromium, hexavalent (SW846 7196A)	ND		0.020	0.0070	mg/L			10/18/24 09:21	1

Client: August Mack Environmental, Inc.
Project/Site: MSC Canfield

Job ID: 240-213294-1

Client Sample ID: SB-13-GW-18-28
Date Collected: 10/17/24 11:05
Date Received: 10/17/24 16:04

Lab Sample ID: 240-213294-2
Matrix: Water

Method: SW846 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		1.0	0.48	ug/L			10/29/24 18:47	1
1,1,2,2-Tetrachloroethane	ND		1.0	0.60	ug/L			10/29/24 18:47	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		1.0	0.41	ug/L			10/29/24 18:47	1
1,1,2-Trichloroethane	ND		1.0	0.48	ug/L			10/29/24 18:47	1
1,1-Dichloroethane	ND		1.0	0.47	ug/L			10/29/24 18:47	1
1,1-Dichloroethene	**0.72**	**J**	1.0	0.49	ug/L			10/29/24 18:47	1
1,2,4-Trichlorobenzene	ND		1.0	0.77	ug/L			10/29/24 18:47	1
1,2-Dibromo-3-Chloropropane	ND		2.0	0.91	ug/L			10/29/24 18:47	1
Ethylene Dibromide	ND		1.0	0.41	ug/L			10/29/24 18:47	1
1,2-Dichlorobenzene	ND		1.0	0.48	ug/L			10/29/24 18:47	1
1,2-Dichloroethane	ND		1.0	0.46	ug/L			10/29/24 18:47	1
1,2-Dichloropropane	ND		1.0	0.47	ug/L			10/29/24 18:47	1
1,3-Dichlorobenzene	ND		1.0	0.45	ug/L			10/29/24 18:47	1
1,4-Dichlorobenzene	ND		1.0	0.41	ug/L			10/29/24 18:47	1
2-Butanone (MEK)	ND		10	1.2	ug/L			10/29/24 18:47	1
2-Hexanone	ND		10	1.1	ug/L			10/29/24 18:47	1
4-Methyl-2-pentanone (MIBK)	ND		10	0.99	ug/L			10/29/24 18:47	1
Acetone	ND		10	5.4	ug/L			10/29/24 18:47	1
Benzene	ND		1.0	0.42	ug/L			10/29/24 18:47	1
Dichlorobromomethane	ND		1.0	0.38	ug/L			10/29/24 18:47	1
Bromoform	ND		1.0	0.76	ug/L			10/29/24 18:47	1
Bromomethane	ND		1.0	0.42	ug/L			10/29/24 18:47	1
Carbon disulfide	ND		1.0	0.59	ug/L			10/29/24 18:47	1
Carbon tetrachloride	ND		1.0	0.26	ug/L			10/29/24 18:47	1
Chlorobenzene	ND		1.0	0.38	ug/L			10/29/24 18:47	1
Chloroethane	ND		1.0	0.83	ug/L			10/29/24 18:47	1
Chloroform	ND		1.0	0.47	ug/L			10/29/24 18:47	1
Chloromethane	ND		1.0	0.63	ug/L			10/29/24 18:47	1
cis-1,2-Dichloroethene	**4.6**		1.0	0.46	ug/L			10/29/24 18:47	1
cis-1,3-Dichloropropene	ND		1.0	0.61	ug/L			10/29/24 18:47	1
Cyclohexane	ND		1.0	0.48	ug/L			10/29/24 18:47	1
Chlorodibromomethane	ND		1.0	0.39	ug/L			10/29/24 18:47	1
Dichlorodifluoromethane	ND		1.0	0.35	ug/L			10/29/24 18:47	1
Ethylbenzene	ND		1.0	0.42	ug/L			10/29/24 18:47	1
Isopropylbenzene	ND		1.0	0.49	ug/L			10/29/24 18:47	1
Methyl acetate	ND		10	1.7	ug/L			10/29/24 18:47	1
Methyl tert-butyl ether	ND		1.0	0.47	ug/L			10/29/24 18:47	1
Methylcyclohexane	ND		1.0	0.33	ug/L			10/29/24 18:47	1
Methylene Chloride	ND		5.0	2.6	ug/L			10/29/24 18:47	1
Styrene	ND		1.0	0.45	ug/L			10/29/24 18:47	1
Tetrachloroethene	ND		1.0	0.44	ug/L			10/29/24 18:47	1
Toluene	ND		1.0	0.44	ug/L			10/29/24 18:47	1
trans-1,2-Dichloroethene	**0.52**	**J**	1.0	0.51	ug/L			10/29/24 18:47	1
trans-1,3-Dichloropropene	ND		1.0	0.67	ug/L			10/29/24 18:47	1
Trichloroethene	**80**		2.0	0.88	ug/L			10/31/24 16:39	2
Trichlorofluoromethane	ND		1.0	0.45	ug/L			10/29/24 18:47	1
Vinyl chloride	ND		1.0	0.45	ug/L			10/29/24 18:47	1
Xylenes, Total	ND		2.0	0.42	ug/L			10/29/24 18:47	1

Client Sample ID: SB-13-GW-18-28
Date Collected: 10/17/24 11:05
Date Received: 10/17/24 16:04

Lab Sample ID: 240-213294-2
Matrix: Water

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
Toluene-d8 (Surr)	*98*		*78 - 122*		*10/29/24 18:47*	*1*
Toluene-d8 (Surr)	*97*		*78 - 122*		*10/31/24 16:39*	*2*
Dibromofluoromethane (Surr)	*103*		*73 - 120*		*10/29/24 18:47*	*1*
Dibromofluoromethane (Surr)	*103*		*73 - 120*		*10/31/24 16:39*	*2*
4-Bromofluorobenzene (Surr)	*94*		*56 - 136*		*10/29/24 18:47*	*1*
4-Bromofluorobenzene (Surr)	*88*		*56 - 136*		*10/31/24 16:39*	*2*
1,2-Dichloroethane-d4 (Surr)	*95*		*62 - 137*		*10/29/24 18:47*	*1*
1,2-Dichloroethane-d4 (Surr)	*100*		*62 - 137*		*10/31/24 16:39*	*2*

Method: SW846 8270E - Semivolatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1'-Biphenyl	ND		1.0	0.49	ug/L		10/23/24 08:12	10/25/24 12:25	1
bis (2-chloroisopropyl) ether	ND		1.0	0.24	ug/L		10/23/24 08:12	10/25/24 12:25	1
2,4,5-Trichlorophenol	ND		5.0	2.0	ug/L		10/23/24 08:12	10/25/24 12:25	1
2,4,6-Trichlorophenol	ND		5.0	1.8	ug/L		10/23/24 08:12	10/25/24 12:25	1
2,4-Dichlorophenol	ND		2.0	0.26	ug/L		10/23/24 08:12	10/25/24 12:25	1
2,4-Dimethylphenol	ND		2.0	0.25	ug/L		10/23/24 08:12	10/25/24 12:25	1
2,4-Dinitrophenol	ND		10	2.6	ug/L		10/23/24 08:12	10/25/24 12:25	1
2,4-Dinitrotoluene	ND		5.0	2.1	ug/L		10/23/24 08:12	10/25/24 12:25	1
2,6-Dinitrotoluene	ND		5.0	1.1	ug/L		10/23/24 08:12	10/25/24 12:25	1
2-Chloronaphthalene	ND		1.0	0.23	ug/L		10/23/24 08:12	10/25/24 12:25	1
2-Chlorophenol	ND		1.0	0.27	ug/L		10/23/24 08:12	10/25/24 12:25	1
2-Methylnaphthalene	ND		0.20	0.11	ug/L		10/23/24 08:12	10/25/24 12:25	1
2-Methylphenol	ND		1.0	0.21	ug/L		10/23/24 08:12	10/25/24 12:25	1
2-Nitroaniline	ND		2.0	0.51	ug/L		10/23/24 08:12	10/25/24 12:25	1
2-Nitrophenol	ND		2.0	0.56	ug/L		10/23/24 08:12	10/25/24 12:25	1
3,3'-Dichlorobenzidine	ND		5.0	1.2	ug/L		10/23/24 08:12	10/25/24 12:25	1
3-Nitroaniline	ND		2.0	0.57	ug/L		10/23/24 08:12	10/25/24 12:25	1
4,6-Dinitro-2-methylphenol	ND		5.0	2.8	ug/L		10/23/24 08:12	10/25/24 12:25	1
4-Bromophenyl phenyl ether	ND		2.0	0.50	ug/L		10/23/24 08:12	10/25/24 12:25	1
4-Chloro-3-methylphenol	ND		2.0	0.30	ug/L		10/23/24 08:12	10/25/24 12:25	1
4-Chloroaniline	ND		2.0	0.32	ug/L		10/23/24 08:12	10/25/24 12:25	1
4-Chlorophenyl phenyl ether	ND		2.0	0.55	ug/L		10/23/24 08:12	10/25/24 12:25	1
4-Nitroaniline	ND		2.0	0.33	ug/L		10/23/24 08:12	10/25/24 12:25	1
4-Nitrophenol	ND		10	2.2	ug/L		10/23/24 08:12	10/25/24 12:25	1
Acenaphthene	ND		0.20	0.17	ug/L		10/23/24 08:12	10/25/24 12:25	1
Acenaphthylene	ND		0.20	0.13	ug/L		10/23/24 08:12	10/25/24 12:25	1
Acetophenone	ND		1.0	0.37	ug/L		10/23/24 08:12	10/25/24 12:25	1
Anthracene	ND		0.20	0.14	ug/L		10/23/24 08:12	10/25/24 12:25	1
Atrazine	ND		2.0	0.95	ug/L		10/23/24 08:12	10/25/24 12:25	1
Benzaldehyde	ND		2.0	0.76	ug/L		10/23/24 08:12	10/25/24 12:25	1
Benzo[a]anthracene	ND		0.20	0.068	ug/L		10/23/24 08:12	10/25/24 12:25	1
Benzo[a]pyrene	ND		0.20	0.17	ug/L		10/23/24 08:12	10/25/24 12:25	1
Benzo[b]fluoranthene	ND		0.20	0.15	ug/L		10/23/24 08:12	10/25/24 12:25	1
Benzo[g,h,i]perylene	ND		0.20	0.18	ug/L		10/23/24 08:12	10/25/24 12:25	1
Benzo[k]fluoranthene	ND		0.20	0.14	ug/L		10/23/24 08:12	10/25/24 12:25	1
Bis(2-chloroethoxy)methane	ND		1.0	0.22	ug/L		10/23/24 08:12	10/25/24 12:25	1
Bis(2-chloroethyl)ether	ND		1.0	0.40	ug/L		10/23/24 08:12	10/25/24 12:25	1
Bis(2-ethylhexyl) phthalate	**6.7**	**B**	5.0	2.2	ug/L		10/23/24 08:12	10/25/24 12:25	1
Butyl benzyl phthalate	ND		2.0	0.67	ug/L		10/23/24 08:12	10/25/24 12:25	1

Client: August Mack Environmental, Inc.
Project/Site: MSC Canfield

Job ID: 240-213294-1

Client Sample ID: SB-13-GW-18-28
Date Collected: 10/17/24 11:05
Date Received: 10/17/24 16:04

Lab Sample ID: 240-213294-2
Matrix: Water

Method: SW846 8270E - Semivolatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Caprolactam	ND		5.0	3.8	ug/L		10/23/24 08:12	10/25/24 12:25	1
Carbazole	ND		1.0	0.49	ug/L		10/23/24 08:12	10/25/24 12:25	1
Chrysene	ND		0.20	0.066	ug/L		10/23/24 08:12	10/25/24 12:25	1
Dibenz(a,h)anthracene	ND		0.20	0.15	ug/L		10/23/24 08:12	10/25/24 12:25	1
Dibenzofuran	ND		1.0	0.27	ug/L		10/23/24 08:12	10/25/24 12:25	1
Diethyl phthalate	ND		5.0	0.41	ug/L		10/23/24 08:12	10/25/24 12:25	1
Dimethyl phthalate	ND		2.0	0.52	ug/L		10/23/24 08:12	10/25/24 12:25	1
Di-n-butyl phthalate	ND		5.0	1.8	ug/L		10/23/24 08:12	10/25/24 12:25	1
Di-n-octyl phthalate	ND		2.0	0.82	ug/L		10/23/24 08:12	10/25/24 12:25	1
Fluoranthene	ND		0.20	0.16	ug/L		10/23/24 08:12	10/25/24 12:25	1
Fluorene	ND		0.20	0.079	ug/L		10/23/24 08:12	10/25/24 12:25	1
Hexachlorobenzene	ND		0.20	0.16	ug/L		10/23/24 08:12	10/25/24 12:25	1
Hexachlorobutadiene	ND		1.0	0.54	ug/L		10/23/24 08:12	10/25/24 12:25	1
Hexachlorocyclopentadiene	ND		10	1.8	ug/L		10/23/24 08:12	10/25/24 12:25	1
Hexachloroethane	ND		1.0	0.40	ug/L		10/23/24 08:12	10/25/24 12:25	1
Indeno[1,2,3-cd]pyrene	ND		0.20	0.14	ug/L		10/23/24 08:12	10/25/24 12:25	1
Isophorone	ND		1.0	0.32	ug/L		10/23/24 08:12	10/25/24 12:25	1
N-Nitrosodi-n-propylamine	ND		1.0	0.25	ug/L		10/23/24 08:12	10/25/24 12:25	1
N-Nitrosodiphenylamine	ND		1.0	0.44	ug/L		10/23/24 08:12	10/25/24 12:25	1
Naphthalene	ND		0.20	0.11	ug/L		10/23/24 08:12	10/25/24 12:25	1
Nitrobenzene	ND		1.0	0.51	ug/L		10/23/24 08:12	10/25/24 12:25	1
Pentachlorophenol	ND		10	3.1	ug/L		10/23/24 08:12	10/25/24 12:25	1
Phenanthrene	ND		0.20	0.080	ug/L		10/23/24 08:12	10/25/24 12:25	1
Phenol	ND		1.0	0.40	ug/L		10/23/24 08:12	10/25/24 12:25	1
Pyrene	**0.16**	**J**	0.20	0.083	ug/L		10/23/24 08:12	10/25/24 12:25	1
3 & 4 Methylphenol	ND		2.0	0.19	ug/L		10/23/24 08:12	10/25/24 12:25	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Terphenyl-d14 (Surr)	*75*		*43 - 136*	*10/23/24 08:12*	*10/25/24 12:25*	*1*
Phenol-d5 (Surr)	*60*		*10 - 120*	*10/23/24 08:12*	*10/25/24 12:25*	*1*
Nitrobenzene-d5 (Surr)	*75*		*40 - 120*	*10/23/24 08:12*	*10/25/24 12:25*	*1*
2-Fluorophenol (Surr)	*89*		*10 - 127*	*10/23/24 08:12*	*10/25/24 12:25*	*1*
2-Fluorobiphenyl (Surr)	*68*		*41 - 120*	*10/23/24 08:12*	*10/25/24 12:25*	*1*
2,4,6-Tribromophenol (Surr)	*72*		*23 - 127*	*10/23/24 08:12*	*10/25/24 12:25*	*1*

Method: SW846 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aroclor-1016	ND		0.097	0.054	ug/L		10/21/24 08:36	10/22/24 20:18	1
Aroclor-1221	ND		0.097	0.055	ug/L		10/21/24 08:36	10/22/24 20:18	1
Aroclor-1232	ND		0.097	0.072	ug/L		10/21/24 08:36	10/22/24 20:18	1
Aroclor-1242	ND		0.097	0.074	ug/L		10/21/24 08:36	10/22/24 20:18	1
Aroclor-1248	ND		0.097	0.049	ug/L		10/21/24 08:36	10/22/24 20:18	1
Aroclor-1254	ND		0.097	0.039	ug/L		10/21/24 08:36	10/22/24 20:18	1
Aroclor-1260	ND		0.097	0.045	ug/L		10/21/24 08:36	10/22/24 20:18	1
Aroclor-1262	ND		0.097	0.056	ug/L		10/21/24 08:36	10/22/24 20:18	1
Aroclor-1268	ND		0.097	0.060	ug/L		10/21/24 08:36	10/22/24 20:18	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Tetrachloro-m-xylene	*28*		*10 - 149*	*10/21/24 08:36*	*10/22/24 20:18*	*1*
DCB Decachlorobiphenyl	*16*		*10 - 174*	*10/21/24 08:36*	*10/22/24 20:18*	*1*

Client: August Mack Environmental, Inc.
Project/Site: MSC Canfield

Job ID: 240-213294-1

Client Sample ID: SB-13-GW-18-28

Lab Sample ID: 240-213294-2

Date Collected: 10/17/24 11:05

Matrix: Water

Date Received: 10/17/24 16:04

Method: SW846 6010D - Metals (ICP) - Total Recoverable

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	**13**	**J**	15	4.1	ug/L		10/21/24 14:00	10/22/24 11:39	1
Barium	**66**	**J**	200	1.3	ug/L		10/21/24 14:00	10/22/24 11:39	1
Cadmium	ND		5.0	0.45	ug/L		10/21/24 14:00	10/22/24 11:39	1
Chromium	**13**		10	0.76	ug/L		10/21/24 14:00	10/22/24 11:39	1
Copper	**11**	**J**	25	3.5	ug/L		10/21/24 14:00	10/22/24 11:39	1
Lead	**7.9**	**J**	10	2.8	ug/L		10/21/24 14:00	10/22/24 11:39	1
Selenium	ND		20	6.0	ug/L		10/21/24 14:00	10/22/24 11:39	1
Silver	ND		10	1.4	ug/L		10/21/24 14:00	10/22/24 11:39	1
Zinc	**44**	**J**	50	23	ug/L		10/21/24 14:00	10/22/24 11:39	1

Method: SW846 6010D - Metals (ICP) - Dissolved

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	ND		15	4.1	ug/L		10/21/24 14:00	10/22/24 11:44	1
Barium	**42**	**J**	200	1.3	ug/L		10/21/24 14:00	10/22/24 11:44	1
Cadmium	ND		5.0	0.45	ug/L		10/21/24 14:00	10/22/24 11:44	1
Chromium	**2.1**	**J**	10	0.76	ug/L		10/21/24 14:00	10/22/24 11:44	1
Copper	ND		25	3.5	ug/L		10/21/24 14:00	10/22/24 11:44	1
Lead	ND		10	2.8	ug/L		10/21/24 14:00	10/22/24 11:44	1
Selenium	ND		20	6.0	ug/L		10/21/24 14:00	10/22/24 11:44	1
Silver	ND		10	1.4	ug/L		10/21/24 14:00	10/22/24 11:44	1
Zinc	ND		50	23	ug/L		10/21/24 14:00	10/22/24 11:44	1

Method: SW846 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	ND		0.20	0.13	ug/L		10/21/24 14:00	10/22/24 13:15	1

Method: SW846 7470A - Mercury (CVAA) - Dissolved

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	ND		0.20	0.13	ug/L		10/21/24 14:00	10/22/24 13:16	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chromium, hexavalent (SW846 7196A)	**0.011**	**J**	0.020	0.0070	mg/L			10/18/24 09:14	1
Cyanide, Total (SW846 9012B)	**0.028**		0.010	0.0060	mg/L		10/25/24 11:12	10/25/24 21:11	1
Cyanide, Free (OI CORP OIA-1677)	ND		0.0060	0.0050	mg/L			10/31/24 14:36	1

General Chemistry - Dissolved

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chromium, hexavalent (SW846 7196A)	ND		0.020	0.0070	mg/L			10/18/24 09:14	1

Client: August Mack Environmental, Inc.
Project/Site: MSC Canfield

Job ID: 240-213294-1

Client Sample ID: SB-22-GW-18-28
Date Collected: 10/17/24 13:00
Date Received: 10/17/24 16:04

Lab Sample ID: 240-213294-3
Matrix: Water

Method: SW846 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		1.0	0.48	ug/L			10/29/24 19:10	1
1,1,2,2-Tetrachloroethane	ND		1.0	0.60	ug/L			10/29/24 19:10	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		1.0	0.41	ug/L			10/29/24 19:10	1
1,1,2-Trichloroethane	ND		1.0	0.48	ug/L			10/29/24 19:10	1
1,1-Dichloroethane	ND		1.0	0.47	ug/L			10/29/24 19:10	1
1,1-Dichloroethene	ND		1.0	0.49	ug/L			10/29/24 19:10	1
1,2,4-Trichlorobenzene	ND		1.0	0.77	ug/L			10/29/24 19:10	1
1,2-Dibromo-3-Chloropropane	ND		2.0	0.91	ug/L			10/29/24 19:10	1
Ethylene Dibromide	ND		1.0	0.41	ug/L			10/29/24 19:10	1
1,2-Dichlorobenzene	ND		1.0	0.48	ug/L			10/29/24 19:10	1
1,2-Dichloroethane	ND		1.0	0.46	ug/L			10/29/24 19:10	1
1,2-Dichloropropane	ND		1.0	0.47	ug/L			10/29/24 19:10	1
1,3-Dichlorobenzene	ND		1.0	0.45	ug/L			10/29/24 19:10	1
1,4-Dichlorobenzene	ND		1.0	0.41	ug/L			10/29/24 19:10	1
2-Butanone (MEK)	ND		10	1.2	ug/L			10/29/24 19:10	1
2-Hexanone	ND		10	1.1	ug/L			10/29/24 19:10	1
4-Methyl-2-pentanone (MIBK)	ND		10	0.99	ug/L			10/29/24 19:10	1
Acetone	ND		10	5.4	ug/L			10/29/24 19:10	1
Benzene	ND		1.0	0.42	ug/L			10/29/24 19:10	1
Dichlorobromomethane	ND		1.0	0.38	ug/L			10/29/24 19:10	1
Bromoform	ND		1.0	0.76	ug/L			10/29/24 19:10	1
Bromomethane	ND		1.0	0.42	ug/L			10/29/24 19:10	1
Carbon disulfide	ND		1.0	0.59	ug/L			10/29/24 19:10	1
Carbon tetrachloride	ND		1.0	0.26	ug/L			10/29/24 19:10	1
Chlorobenzene	ND		1.0	0.38	ug/L			10/29/24 19:10	1
Chloroethane	ND		1.0	0.83	ug/L			10/29/24 19:10	1
Chloroform	ND		1.0	0.47	ug/L			10/29/24 19:10	1
Chloromethane	ND		1.0	0.63	ug/L			10/29/24 19:10	1
cis-1,2-Dichloroethene	ND		1.0	0.46	ug/L			10/29/24 19:10	1
cis-1,3-Dichloropropene	ND		1.0	0.61	ug/L			10/29/24 19:10	1
Cyclohexane	ND		1.0	0.48	ug/L			10/29/24 19:10	1
Chlorodibromomethane	ND		1.0	0.39	ug/L			10/29/24 19:10	1
Dichlorodifluoromethane	ND		1.0	0.35	ug/L			10/29/24 19:10	1
Ethylbenzene	ND		1.0	0.42	ug/L			10/29/24 19:10	1
Isopropylbenzene	ND		1.0	0.49	ug/L			10/29/24 19:10	1
Methyl acetate	ND		10	1.7	ug/L			10/29/24 19:10	1
Methyl tert-butyl ether	ND		1.0	0.47	ug/L			10/29/24 19:10	1
Methylcyclohexane	ND		1.0	0.33	ug/L			10/29/24 19:10	1
Methylene Chloride	ND		5.0	2.6	ug/L			10/29/24 19:10	1
Styrene	ND		1.0	0.45	ug/L			10/29/24 19:10	1
Tetrachloroethene	ND		1.0	0.44	ug/L			10/29/24 19:10	1
Toluene	ND		1.0	0.44	ug/L			10/29/24 19:10	1
trans-1,2-Dichloroethene	ND		1.0	0.51	ug/L			10/29/24 19:10	1
trans-1,3-Dichloropropene	ND		1.0	0.67	ug/L			10/29/24 19:10	1
Trichloroethene	**5.6**		1.0	0.44	ug/L			10/29/24 19:10	1
Trichlorofluoromethane	ND		1.0	0.45	ug/L			10/29/24 19:10	1
Vinyl chloride	ND		1.0	0.45	ug/L			10/29/24 19:10	1
Xylenes, Total	ND		2.0	0.42	ug/L			10/29/24 19:10	1

Client Sample ID: SB-22-GW-18-28
Date Collected: 10/17/24 13:00
Date Received: 10/17/24 16:04

Lab Sample ID: 240-213294-3
Matrix: Water

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Toluene-d8 (Surr)	*96*		*78 - 122*		*10/29/24 19:10*	*1*
Dibromofluoromethane (Surr)	*105*		*73 - 120*		*10/29/24 19:10*	*1*
4-Bromofluorobenzene (Surr)	*92*		*56 - 136*		*10/29/24 19:10*	*1*
1,2-Dichloroethane-d4 (Surr)	*96*		*62 - 137*		*10/29/24 19:10*	*1*

Method: SW846 8270E - Semivolatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1'-Biphenyl	ND		1.0	0.49	ug/L		10/23/24 08:12	10/25/24 12:48	1
bis (2-chloroisopropyl) ether	ND		1.0	0.24	ug/L		10/23/24 08:12	10/25/24 12:48	1
2,4,5-Trichlorophenol	ND		5.0	2.0	ug/L		10/23/24 08:12	10/25/24 12:48	1
2,4,6-Trichlorophenol	ND		5.0	1.8	ug/L		10/23/24 08:12	10/25/24 12:48	1
2,4-Dichlorophenol	ND		2.0	0.26	ug/L		10/23/24 08:12	10/25/24 12:48	1
2,4-Dimethylphenol	ND		2.0	0.25	ug/L		10/23/24 08:12	10/25/24 12:48	1
2,4-Dinitrophenol	ND		10	2.6	ug/L		10/23/24 08:12	10/25/24 12:48	1
2,4-Dinitrotoluene	ND		5.0	2.1	ug/L		10/23/24 08:12	10/25/24 12:48	1
2,6-Dinitrotoluene	ND		5.0	1.1	ug/L		10/23/24 08:12	10/25/24 12:48	1
2-Chloronaphthalene	ND		1.0	0.23	ug/L		10/23/24 08:12	10/25/24 12:48	1
2-Chlorophenol	ND		1.0	0.27	ug/L		10/23/24 08:12	10/25/24 12:48	1
2-Methylnaphthalene	ND		0.20	0.11	ug/L		10/23/24 08:12	10/25/24 12:48	1
2-Methylphenol	ND		1.0	0.21	ug/L		10/23/24 08:12	10/25/24 12:48	1
2-Nitroaniline	ND		2.0	0.51	ug/L		10/23/24 08:12	10/25/24 12:48	1
2-Nitrophenol	ND		2.0	0.56	ug/L		10/23/24 08:12	10/25/24 12:48	1
3,3'-Dichlorobenzidine	ND		5.0	1.2	ug/L		10/23/24 08:12	10/25/24 12:48	1
3-Nitroaniline	ND		2.0	0.57	ug/L		10/23/24 08:12	10/25/24 12:48	1
4,6-Dinitro-2-methylphenol	ND		5.0	2.8	ug/L		10/23/24 08:12	10/25/24 12:48	1
4-Bromophenyl phenyl ether	ND		2.0	0.50	ug/L		10/23/24 08:12	10/25/24 12:48	1
4-Chloro-3-methylphenol	ND		2.0	0.30	ug/L		10/23/24 08:12	10/25/24 12:48	1
4-Chloroaniline	ND		2.0	0.32	ug/L		10/23/24 08:12	10/25/24 12:48	1
4-Chlorophenyl phenyl ether	ND		2.0	0.55	ug/L		10/23/24 08:12	10/25/24 12:48	1
4-Nitroaniline	ND		2.0	0.33	ug/L		10/23/24 08:12	10/25/24 12:48	1
4-Nitrophenol	ND		10	2.2	ug/L		10/23/24 08:12	10/25/24 12:48	1
Acenaphthene	ND		0.20	0.17	ug/L		10/23/24 08:12	10/25/24 12:48	1
Acenaphthylene	ND		0.20	0.13	ug/L		10/23/24 08:12	10/25/24 12:48	1
Acetophenone	ND		1.0	0.37	ug/L		10/23/24 08:12	10/25/24 12:48	1
Anthracene	ND		0.20	0.14	ug/L		10/23/24 08:12	10/25/24 12:48	1
Atrazine	ND		2.0	0.95	ug/L		10/23/24 08:12	10/25/24 12:48	1
Benzaldehyde	ND		2.0	0.76	ug/L		10/23/24 08:12	10/25/24 12:48	1
Benzo[a]anthracene	ND		0.20	0.068	ug/L		10/23/24 08:12	10/25/24 12:48	1
Benzo[a]pyrene	ND		0.20	0.17	ug/L		10/23/24 08:12	10/25/24 12:48	1
Benzo[b]fluoranthene	ND		0.20	0.15	ug/L		10/23/24 08:12	10/25/24 12:48	1
Benzo[g,h,i]perylene	ND		0.20	0.18	ug/L		10/23/24 08:12	10/25/24 12:48	1
Benzo[k]fluoranthene	ND		0.20	0.14	ug/L		10/23/24 08:12	10/25/24 12:48	1
Bis(2-chloroethoxy)methane	ND		1.0	0.22	ug/L		10/23/24 08:12	10/25/24 12:48	1
Bis(2-chloroethyl)ether	ND		1.0	0.40	ug/L		10/23/24 08:12	10/25/24 12:48	1
Bis(2-ethylhexyl) phthalate	**7.9**	**B**	5.0	2.2	ug/L		10/23/24 08:12	10/25/24 12:48	1
Butyl benzyl phthalate	ND		2.0	0.67	ug/L		10/23/24 08:12	10/25/24 12:48	1
Caprolactam	ND		5.0	3.8	ug/L		10/23/24 08:12	10/25/24 12:48	1
Carbazole	ND		1.0	0.49	ug/L		10/23/24 08:12	10/25/24 12:48	1
Chrysene	ND		0.20	0.066	ug/L		10/23/24 08:12	10/25/24 12:48	1
Dibenz(a,h)anthracene	ND		0.20	0.15	ug/L		10/23/24 08:12	10/25/24 12:48	1

Client Sample ID: SB-22-GW-18-28
Date Collected: 10/17/24 13:00
Date Received: 10/17/24 16:04

Lab Sample ID: 240-213294-3
Matrix: Water

Method: SW846 8270E - Semivolatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Dibenzofuran	ND		1.0	0.27	ug/L		10/23/24 08:12	10/25/24 12:48	1
Diethyl phthalate	ND		5.0	0.41	ug/L		10/23/24 08:12	10/25/24 12:48	1
Dimethyl phthalate	ND		2.0	0.52	ug/L		10/23/24 08:12	10/25/24 12:48	1
Di-n-butyl phthalate	ND		5.0	1.8	ug/L		10/23/24 08:12	10/25/24 12:48	1
Di-n-octyl phthalate	ND		2.0	0.82	ug/L		10/23/24 08:12	10/25/24 12:48	1
Fluoranthene	ND		0.20	0.16	ug/L		10/23/24 08:12	10/25/24 12:48	1
Fluorene	ND		0.20	0.079	ug/L		10/23/24 08:12	10/25/24 12:48	1
Hexachlorobenzene	ND		0.20	0.16	ug/L		10/23/24 08:12	10/25/24 12:48	1
Hexachlorobutadiene	ND		1.0	0.54	ug/L		10/23/24 08:12	10/25/24 12:48	1
Hexachlorocyclopentadiene	ND		10	1.8	ug/L		10/23/24 08:12	10/25/24 12:48	1
Hexachloroethane	ND		1.0	0.40	ug/L		10/23/24 08:12	10/25/24 12:48	1
Indeno[1,2,3-cd]pyrene	ND		0.20	0.14	ug/L		10/23/24 08:12	10/25/24 12:48	1
Isophorone	ND		1.0	0.32	ug/L		10/23/24 08:12	10/25/24 12:48	1
N-Nitrosodi-n-propylamine	ND		1.0	0.25	ug/L		10/23/24 08:12	10/25/24 12:48	1
N-Nitrosodiphenylamine	ND		1.0	0.44	ug/L		10/23/24 08:12	10/25/24 12:48	1
Naphthalene	ND		0.20	0.11	ug/L		10/23/24 08:12	10/25/24 12:48	1
Nitrobenzene	ND		1.0	0.51	ug/L		10/23/24 08:12	10/25/24 12:48	1
Pentachlorophenol	ND		10	3.1	ug/L		10/23/24 08:12	10/25/24 12:48	1
Phenanthrene	ND		0.20	0.080	ug/L		10/23/24 08:12	10/25/24 12:48	1
Phenol	ND		1.0	0.40	ug/L		10/23/24 08:12	10/25/24 12:48	1
Pyrene	ND		0.20	0.083	ug/L		10/23/24 08:12	10/25/24 12:48	1
3 & 4 Methylphenol	ND		2.0	0.19	ug/L		10/23/24 08:12	10/25/24 12:48	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Terphenyl-d14 (Surr)	*89*		*43 - 136*	*10/23/24 08:12*	*10/25/24 12:48*	*1*
Phenol-d5 (Surr)	*60*		*10 - 120*	*10/23/24 08:12*	*10/25/24 12:48*	*1*
Nitrobenzene-d5 (Surr)	*71*		*40 - 120*	*10/23/24 08:12*	*10/25/24 12:48*	*1*
2-Fluorophenol (Surr)	*105*		*10 - 127*	*10/23/24 08:12*	*10/25/24 12:48*	*1*
2-Fluorobiphenyl (Surr)	*61*		*41 - 120*	*10/23/24 08:12*	*10/25/24 12:48*	*1*
2,4,6-Tribromophenol (Surr)	*77*		*23 - 127*	*10/23/24 08:12*	*10/25/24 12:48*	*1*

Method: SW846 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aroclor-1016	ND		0.097	0.054	ug/L		10/21/24 08:36	10/22/24 20:33	1
Aroclor-1221	ND		0.097	0.055	ug/L		10/21/24 08:36	10/22/24 20:33	1
Aroclor-1232	ND		0.097	0.072	ug/L		10/21/24 08:36	10/22/24 20:33	1
Aroclor-1242	ND		0.097	0.074	ug/L		10/21/24 08:36	10/22/24 20:33	1
Aroclor-1248	ND		0.097	0.049	ug/L		10/21/24 08:36	10/22/24 20:33	1
Aroclor-1254	ND		0.097	0.039	ug/L		10/21/24 08:36	10/22/24 20:33	1
Aroclor-1260	ND		0.097	0.045	ug/L		10/21/24 08:36	10/22/24 20:33	1
Aroclor-1262	ND		0.097	0.056	ug/L		10/21/24 08:36	10/22/24 20:33	1
Aroclor-1268	ND		0.097	0.060	ug/L		10/21/24 08:36	10/22/24 20:33	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Tetrachloro-m-xylene	*48*		*10 - 149*	*10/21/24 08:36*	*10/22/24 20:33*	*1*
DCB Decachlorobiphenyl	*29*		*10 - 174*	*10/21/24 08:36*	*10/22/24 20:33*	*1*

Method: SW846 6010D - Metals (ICP) - Total Recoverable

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	**9.0**	**J**	15	4.1	ug/L		10/21/24 14:00	10/22/24 11:48	1

Client: August Mack Environmental, Inc.
Project/Site: MSC Canfield

Job ID: 240-213294-1

Client Sample ID: SB-22-GW-18-28

Date Collected: 10/17/24 13:00
Date Received: 10/17/24 16:04

Lab Sample ID: 240-213294-3

Matrix: Water

Method: SW846 6010D - Metals (ICP) - Total Recoverable (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Barium	**45**	**J**	200	1.3	ug/L		10/21/24 14:00	10/22/24 11:48	1
Cadmium	ND		5.0	0.45	ug/L		10/21/24 14:00	10/22/24 11:48	1
Chromium	**5.2**	**J**	10	0.76	ug/L		10/21/24 14:00	10/22/24 11:48	1
Copper	**6.8**	**J**	25	3.5	ug/L		10/21/24 14:00	10/22/24 11:48	1
Lead	**3.7**	**J**	10	2.8	ug/L		10/21/24 14:00	10/22/24 11:48	1
Selenium	ND		20	6.0	ug/L		10/21/24 14:00	10/22/24 11:48	1
Silver	ND		10	1.4	ug/L		10/21/24 14:00	10/22/24 11:48	1
Zinc	**26**	**J**	50	23	ug/L		10/21/24 14:00	10/22/24 11:48	1

Method: SW846 6010D - Metals (ICP) - Dissolved

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	ND		15	4.1	ug/L		10/21/24 14:00	10/22/24 12:01	1
Barium	**35**	**J**	200	1.3	ug/L		10/21/24 14:00	10/22/24 12:01	1
Cadmium	ND		5.0	0.45	ug/L		10/21/24 14:00	10/22/24 12:01	1
Chromium	**1.3**	**J**	10	0.76	ug/L		10/21/24 14:00	10/22/24 12:01	1
Copper	ND		25	3.5	ug/L		10/21/24 14:00	10/22/24 12:01	1
Lead	ND		10	2.8	ug/L		10/21/24 14:00	10/22/24 12:01	1
Selenium	ND		20	6.0	ug/L		10/21/24 14:00	10/22/24 12:01	1
Silver	ND		10	1.4	ug/L		10/21/24 14:00	10/22/24 12:01	1
Zinc	ND		50	23	ug/L		10/21/24 14:00	10/22/24 12:01	1

Method: SW846 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	ND		0.20	0.13	ug/L		10/21/24 14:00	10/22/24 13:18	1

Method: SW846 7470A - Mercury (CVAA) - Dissolved

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	ND		0.20	0.13	ug/L		10/21/24 14:00	10/22/24 13:20	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chromium, hexavalent (SW846 7196A)	ND		0.020	0.0070	mg/L			10/18/24 09:14	1
Cyanide, Total (SW846 9012B)	**0.024**		0.010	0.0060	mg/L		10/25/24 11:12	10/25/24 21:13	1
Cyanide, Free (OI CORP OIA-1677)	ND		0.0060	0.0050	mg/L			10/31/24 14:39	1

General Chemistry - Dissolved

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chromium, hexavalent (SW846 7196A)	ND		0.020	0.0070	mg/L			10/18/24 09:14	1

Client: August Mack Environmental, Inc.
Project/Site: MSC Canfield

Job ID: 240-213294-1

Client Sample ID: DUP-1

Date Collected: 10/17/24 00:00
Date Received: 10/17/24 16:04

Lab Sample ID: 240-213294-4

Matrix: Water

Method: SW846 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		1.0	0.48	ug/L			10/31/24 14:15	1
1,1,2,2-Tetrachloroethane	ND		1.0	0.60	ug/L			10/31/24 14:15	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		1.0	0.41	ug/L			10/31/24 14:15	1
1,1,2-Trichloroethane	ND		1.0	0.48	ug/L			10/31/24 14:15	1
1,1-Dichloroethane	ND		1.0	0.47	ug/L			10/31/24 14:15	1
1,1-Dichloroethene	ND		1.0	0.49	ug/L			10/31/24 14:15	1
1,2,4-Trichlorobenzene	ND		1.0	0.77	ug/L			10/31/24 14:15	1
1,2-Dibromo-3-Chloropropane	ND		2.0	0.91	ug/L			10/31/24 14:15	1
Ethylene Dibromide	ND		1.0	0.41	ug/L			10/31/24 14:15	1
1,2-Dichlorobenzene	ND		1.0	0.48	ug/L			10/31/24 14:15	1
1,2-Dichloroethane	ND		1.0	0.46	ug/L			10/31/24 14:15	1
1,2-Dichloropropane	ND		1.0	0.47	ug/L			10/31/24 14:15	1
1,3-Dichlorobenzene	ND		1.0	0.45	ug/L			10/31/24 14:15	1
1,4-Dichlorobenzene	ND		1.0	0.41	ug/L			10/31/24 14:15	1
2-Butanone (MEK)	ND		10	1.2	ug/L			10/31/24 14:15	1
2-Hexanone	ND		10	1.1	ug/L			10/31/24 14:15	1
4-Methyl-2-pentanone (MIBK)	ND		10	0.99	ug/L			10/31/24 14:15	1
Acetone	ND		10	5.4	ug/L			10/31/24 14:15	1
Benzene	ND		1.0	0.42	ug/L			10/31/24 14:15	1
Dichlorobromomethane	ND		1.0	0.38	ug/L			10/31/24 14:15	1
Bromoform	ND		1.0	0.76	ug/L			10/31/24 14:15	1
Bromomethane	ND		1.0	0.42	ug/L			10/31/24 14:15	1
Carbon disulfide	ND		1.0	0.59	ug/L			10/31/24 14:15	1
Carbon tetrachloride	ND		1.0	0.26	ug/L			10/31/24 14:15	1
Chlorobenzene	ND		1.0	0.38	ug/L			10/31/24 14:15	1
Chloroethane	ND		1.0	0.83	ug/L			10/31/24 14:15	1
Chloroform	ND		1.0	0.47	ug/L			10/31/24 14:15	1
Chloromethane	ND		1.0	0.63	ug/L			10/31/24 14:15	1
cis-1,2-Dichloroethene	ND		1.0	0.46	ug/L			10/31/24 14:15	1
cis-1,3-Dichloropropene	ND		1.0	0.61	ug/L			10/31/24 14:15	1
Cyclohexane	ND		1.0	0.48	ug/L			10/31/24 14:15	1
Chlorodibromomethane	ND		1.0	0.39	ug/L			10/31/24 14:15	1
Dichlorodifluoromethane	ND		1.0	0.35	ug/L			10/31/24 14:15	1
Ethylbenzene	ND		1.0	0.42	ug/L			10/31/24 14:15	1
Isopropylbenzene	ND		1.0	0.49	ug/L			10/31/24 14:15	1
Methyl acetate	ND		10	1.7	ug/L			10/31/24 14:15	1
Methyl tert-butyl ether	ND		1.0	0.47	ug/L			10/31/24 14:15	1
Methylcyclohexane	ND		1.0	0.33	ug/L			10/31/24 14:15	1
Methylene Chloride	ND		5.0	2.6	ug/L			10/31/24 14:15	1
Styrene	ND		1.0	0.45	ug/L			10/31/24 14:15	1
Tetrachloroethene	ND		1.0	0.44	ug/L			10/31/24 14:15	1
Toluene	ND		1.0	0.44	ug/L			10/31/24 14:15	1
trans-1,2-Dichloroethene	ND		1.0	0.51	ug/L			10/31/24 14:15	1
trans-1,3-Dichloropropene	ND		1.0	0.67	ug/L			10/31/24 14:15	1
Trichloroethene	**5.2**		1.0	0.44	ug/L			10/31/24 14:15	1
Trichlorofluoromethane	ND		1.0	0.45	ug/L			10/31/24 14:15	1
Vinyl chloride	ND		1.0	0.45	ug/L			10/31/24 14:15	1
Xylenes, Total	ND		2.0	0.42	ug/L			10/31/24 14:15	1

Client Sample ID: DUP-1
Date Collected: 10/17/24 00:00
Date Received: 10/17/24 16:04

Lab Sample ID: 240-213294-4
Matrix: Water

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Toluene-d8 (Surr)	*99*		*78 - 122*		*10/31/24 14:15*	*1*
Dibromofluoromethane (Surr)	*106*		*73 - 120*		*10/31/24 14:15*	*1*
4-Bromofluorobenzene (Surr)	*90*		*56 - 136*		*10/31/24 14:15*	*1*
1,2-Dichloroethane-d4 (Surr)	*100*		*62 - 137*		*10/31/24 14:15*	*1*

Method: SW846 8270E - Semivolatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1'-Biphenyl	ND		1.0	0.49	ug/L		10/23/24 08:12	10/25/24 13:11	1
bis (2-chloroisopropyl) ether	ND		1.0	0.24	ug/L		10/23/24 08:12	10/25/24 13:11	1
2,4,5-Trichlorophenol	ND		5.0	2.0	ug/L		10/23/24 08:12	10/25/24 13:11	1
2,4,6-Trichlorophenol	ND		5.0	1.8	ug/L		10/23/24 08:12	10/25/24 13:11	1
2,4-Dichlorophenol	ND		2.0	0.26	ug/L		10/23/24 08:12	10/25/24 13:11	1
2,4-Dimethylphenol	ND		2.0	0.25	ug/L		10/23/24 08:12	10/25/24 13:11	1
2,4-Dinitrophenol	ND		10	2.6	ug/L		10/23/24 08:12	10/25/24 13:11	1
2,4-Dinitrotoluene	ND		5.0	2.1	ug/L		10/23/24 08:12	10/25/24 13:11	1
2,6-Dinitrotoluene	ND		5.0	1.1	ug/L		10/23/24 08:12	10/25/24 13:11	1
2-Chloronaphthalene	ND		1.0	0.23	ug/L		10/23/24 08:12	10/25/24 13:11	1
2-Chlorophenol	ND		1.0	0.27	ug/L		10/23/24 08:12	10/25/24 13:11	1
2-Methylnaphthalene	ND		0.20	0.11	ug/L		10/23/24 08:12	10/25/24 13:11	1
2-Methylphenol	ND		1.0	0.21	ug/L		10/23/24 08:12	10/25/24 13:11	1
2-Nitroaniline	ND		2.0	0.51	ug/L		10/23/24 08:12	10/25/24 13:11	1
2-Nitrophenol	ND		2.0	0.56	ug/L		10/23/24 08:12	10/25/24 13:11	1
3,3'-Dichlorobenzidine	ND		5.0	1.2	ug/L		10/23/24 08:12	10/25/24 13:11	1
3-Nitroaniline	ND		2.0	0.57	ug/L		10/23/24 08:12	10/25/24 13:11	1
4,6-Dinitro-2-methylphenol	ND		5.0	2.8	ug/L		10/23/24 08:12	10/25/24 13:11	1
4-Bromophenyl phenyl ether	ND		2.0	0.50	ug/L		10/23/24 08:12	10/25/24 13:11	1
4-Chloro-3-methylphenol	ND		2.0	0.30	ug/L		10/23/24 08:12	10/25/24 13:11	1
4-Chloroaniline	ND		2.0	0.32	ug/L		10/23/24 08:12	10/25/24 13:11	1
4-Chlorophenyl phenyl ether	ND		2.0	0.55	ug/L		10/23/24 08:12	10/25/24 13:11	1
4-Nitroaniline	ND		2.0	0.33	ug/L		10/23/24 08:12	10/25/24 13:11	1
4-Nitrophenol	ND		10	2.2	ug/L		10/23/24 08:12	10/25/24 13:11	1
Acenaphthene	ND		0.20	0.17	ug/L		10/23/24 08:12	10/25/24 13:11	1
Acenaphthylene	ND		0.20	0.13	ug/L		10/23/24 08:12	10/25/24 13:11	1
Acetophenone	ND		1.0	0.37	ug/L		10/23/24 08:12	10/25/24 13:11	1
Anthracene	ND		0.20	0.14	ug/L		10/23/24 08:12	10/25/24 13:11	1
Atrazine	ND		2.0	0.95	ug/L		10/23/24 08:12	10/25/24 13:11	1
Benzaldehyde	ND		2.0	0.76	ug/L		10/23/24 08:12	10/25/24 13:11	1
Benzo[a]anthracene	ND		0.20	0.068	ug/L		10/23/24 08:12	10/25/24 13:11	1
Benzo[a]pyrene	ND		0.20	0.17	ug/L		10/23/24 08:12	10/25/24 13:11	1
Benzo[b]fluoranthene	ND		0.20	0.15	ug/L		10/23/24 08:12	10/25/24 13:11	1
Benzo[g,h,i]perylene	ND		0.20	0.18	ug/L		10/23/24 08:12	10/25/24 13:11	1
Benzo[k]fluoranthene	ND		0.20	0.14	ug/L		10/23/24 08:12	10/25/24 13:11	1
Bis(2-chloroethoxy)methane	ND		1.0	0.22	ug/L		10/23/24 08:12	10/25/24 13:11	1
Bis(2-chloroethyl)ether	ND		1.0	0.40	ug/L		10/23/24 08:12	10/25/24 13:11	1
Bis(2-ethylhexyl) phthalate	**3.4**	**J B**	5.0	2.2	ug/L		10/23/24 08:12	10/25/24 13:11	1
Butyl benzyl phthalate	ND		2.0	0.67	ug/L		10/23/24 08:12	10/25/24 13:11	1
Caprolactam	ND		5.0	3.8	ug/L		10/23/24 08:12	10/25/24 13:11	1
Carbazole	ND		1.0	0.49	ug/L		10/23/24 08:12	10/25/24 13:11	1
Chrysene	ND		0.20	0.066	ug/L		10/23/24 08:12	10/25/24 13:11	1
Dibenz(a,h)anthracene	ND		0.20	0.15	ug/L		10/23/24 08:12	10/25/24 13:11	1

Client Sample ID: DUP-1
Date Collected: 10/17/24 00:00
Date Received: 10/17/24 16:04

Lab Sample ID: 240-213294-4
Matrix: Water

Method: SW846 8270E - Semivolatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Dibenzofuran	ND		1.0	0.27	ug/L		10/23/24 08:12	10/25/24 13:11	1
Diethyl phthalate	ND		5.0	0.41	ug/L		10/23/24 08:12	10/25/24 13:11	1
Dimethyl phthalate	ND		2.0	0.52	ug/L		10/23/24 08:12	10/25/24 13:11	1
Di-n-butyl phthalate	ND		5.0	1.8	ug/L		10/23/24 08:12	10/25/24 13:11	1
Di-n-octyl phthalate	ND		2.0	0.82	ug/L		10/23/24 08:12	10/25/24 13:11	1
Fluoranthene	ND		0.20	0.16	ug/L		10/23/24 08:12	10/25/24 13:11	1
Fluorene	ND		0.20	0.079	ug/L		10/23/24 08:12	10/25/24 13:11	1
Hexachlorobenzene	ND		0.20	0.16	ug/L		10/23/24 08:12	10/25/24 13:11	1
Hexachlorobutadiene	ND		1.0	0.54	ug/L		10/23/24 08:12	10/25/24 13:11	1
Hexachlorocyclopentadiene	ND		10	1.8	ug/L		10/23/24 08:12	10/25/24 13:11	1
Hexachloroethane	ND		1.0	0.40	ug/L		10/23/24 08:12	10/25/24 13:11	1
Indeno[1,2,3-cd]pyrene	ND		0.20	0.14	ug/L		10/23/24 08:12	10/25/24 13:11	1
Isophorone	ND		1.0	0.32	ug/L		10/23/24 08:12	10/25/24 13:11	1
N-Nitrosodi-n-propylamine	ND		1.0	0.25	ug/L		10/23/24 08:12	10/25/24 13:11	1
N-Nitrosodiphenylamine	ND		1.0	0.44	ug/L		10/23/24 08:12	10/25/24 13:11	1
Naphthalene	ND		0.20	0.11	ug/L		10/23/24 08:12	10/25/24 13:11	1
Nitrobenzene	ND		1.0	0.51	ug/L		10/23/24 08:12	10/25/24 13:11	1
Pentachlorophenol	ND		10	3.1	ug/L		10/23/24 08:12	10/25/24 13:11	1
Phenanthrene	ND		0.20	0.080	ug/L		10/23/24 08:12	10/25/24 13:11	1
Phenol	ND		1.0	0.40	ug/L		10/23/24 08:12	10/25/24 13:11	1
Pyrene	ND		0.20	0.083	ug/L		10/23/24 08:12	10/25/24 13:11	1
3 & 4 Methylphenol	ND		2.0	0.19	ug/L		10/23/24 08:12	10/25/24 13:11	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Terphenyl-d14 (Surr)	*86*		*43 - 136*	*10/23/24 08:12*	*10/25/24 13:11*	*1*
Phenol-d5 (Surr)	*65*		*10 - 120*	*10/23/24 08:12*	*10/25/24 13:11*	*1*
Nitrobenzene-d5 (Surr)	*81*		*40 - 120*	*10/23/24 08:12*	*10/25/24 13:11*	*1*
2-Fluorophenol (Surr)	*110*		*10 - 127*	*10/23/24 08:12*	*10/25/24 13:11*	*1*
2-Fluorobiphenyl (Surr)	*74*		*41 - 120*	*10/23/24 08:12*	*10/25/24 13:11*	*1*
2,4,6-Tribromophenol (Surr)	*90*		*23 - 127*	*10/23/24 08:12*	*10/25/24 13:11*	*1*

Method: SW846 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aroclor-1016	ND		0.096	0.054	ug/L		10/21/24 08:36	10/22/24 20:47	1
Aroclor-1221	ND		0.096	0.055	ug/L		10/21/24 08:36	10/22/24 20:47	1
Aroclor-1232	ND		0.096	0.071	ug/L		10/21/24 08:36	10/22/24 20:47	1
Aroclor-1242	ND		0.096	0.073	ug/L		10/21/24 08:36	10/22/24 20:47	1
Aroclor-1248	ND		0.096	0.048	ug/L		10/21/24 08:36	10/22/24 20:47	1
Aroclor-1254	ND		0.096	0.038	ug/L		10/21/24 08:36	10/22/24 20:47	1
Aroclor-1260	ND		0.096	0.044	ug/L		10/21/24 08:36	10/22/24 20:47	1
Aroclor-1262	ND		0.096	0.056	ug/L		10/21/24 08:36	10/22/24 20:47	1
Aroclor-1268	ND		0.096	0.060	ug/L		10/21/24 08:36	10/22/24 20:47	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Tetrachloro-m-xylene	*60*		*10 - 149*	*10/21/24 08:36*	*10/22/24 20:47*	*1*
DCB Decachlorobiphenyl	*40*		*10 - 174*	*10/21/24 08:36*	*10/22/24 20:47*	*1*

Method: SW846 6010D - Metals (ICP) - Total Recoverable

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	6.8	J	15	4.1	ug/L		10/21/24 14:00	10/22/24 12:06	1

Client Sample ID: DUP-1
Date Collected: 10/17/24 00:00
Date Received: 10/17/24 16:04

Lab Sample ID: 240-213294-4
Matrix: Water

Method: SW846 6010D - Metals (ICP) - Total Recoverable (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Barium	**42**	**J**	200	1.3	ug/L		10/21/24 14:00	10/22/24 12:06	1
Cadmium	ND		5.0	0.45	ug/L		10/21/24 14:00	10/22/24 12:06	1
Chromium	**4.6**	**J**	10	0.76	ug/L		10/21/24 14:00	10/22/24 12:06	1
Copper	**5.0**	**J**	25	3.5	ug/L		10/21/24 14:00	10/22/24 12:06	1
Lead	ND		10	2.8	ug/L		10/21/24 14:00	10/22/24 12:06	1
Selenium	ND		20	6.0	ug/L		10/21/24 14:00	10/22/24 12:06	1
Silver	ND		10	1.4	ug/L		10/21/24 14:00	10/22/24 12:06	1
Zinc	ND		50	23	ug/L		10/21/24 14:00	10/22/24 12:06	1

Method: SW846 6010D - Metals (ICP) - Dissolved

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	ND		15	4.1	ug/L		10/21/24 14:00	10/22/24 12:10	1
Barium	**33**	**J**	200	1.3	ug/L		10/21/24 14:00	10/22/24 12:10	1
Cadmium	ND		5.0	0.45	ug/L		10/21/24 14:00	10/22/24 12:10	1
Chromium	**1.2**	**J**	10	0.76	ug/L		10/21/24 14:00	10/22/24 12:10	1
Copper	ND		25	3.5	ug/L		10/21/24 14:00	10/22/24 12:10	1
Lead	ND		10	2.8	ug/L		10/21/24 14:00	10/22/24 12:10	1
Selenium	ND		20	6.0	ug/L		10/21/24 14:00	10/22/24 12:10	1
Silver	ND		10	1.4	ug/L		10/21/24 14:00	10/22/24 12:10	1
Zinc	ND		50	23	ug/L		10/21/24 14:00	10/22/24 12:10	1

Method: SW846 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	ND		0.20	0.13	ug/L		10/21/24 14:00	10/22/24 13:22	1

Method: SW846 7470A - Mercury (CVAA) - Dissolved

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	ND		0.20	0.13	ug/L		10/21/24 14:00	10/22/24 13:23	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chromium, hexavalent (SW846 7196A)	ND		0.020	0.0070	mg/L			10/17/24 16:50	1
Cyanide, Total (SW846 9012B)	**0.023**		0.010	0.0060	mg/L		10/25/24 11:12	10/25/24 21:15	1
Cyanide, Free (OI CORP OIA-1677)	ND		0.0060	0.0050	mg/L			10/31/24 14:41	1

General Chemistry - Dissolved

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chromium, hexavalent (SW846 7196A)	ND		0.020	0.0070	mg/L			10/17/24 16:50	1

Client: August Mack Environmental, Inc.
Project/Site: MSC Canfield

Job ID: 240-213294-1

Client Sample ID: TB-9
Date Collected: 10/17/24 00:00
Date Received: 10/17/24 16:04

Lab Sample ID: 240-213294-5
Matrix: Water

Method: SW846 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		1.0	0.48	ug/L			10/29/24 02:06	1
1,1,2,2-Tetrachloroethane	ND		1.0	0.60	ug/L			10/29/24 02:06	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		1.0	0.41	ug/L			10/29/24 02:06	1
1,1,2-Trichloroethane	ND		1.0	0.48	ug/L			10/29/24 02:06	1
1,1-Dichloroethane	ND		1.0	0.47	ug/L			10/29/24 02:06	1
1,1-Dichloroethene	ND		1.0	0.49	ug/L			10/29/24 02:06	1
1,2,4-Trichlorobenzene	ND		1.0	0.77	ug/L			10/29/24 02:06	1
1,2-Dibromo-3-Chloropropane	ND		2.0	0.91	ug/L			10/29/24 02:06	1
Ethylene Dibromide	ND		1.0	0.41	ug/L			10/29/24 02:06	1
1,2-Dichlorobenzene	ND		1.0	0.48	ug/L			10/29/24 02:06	1
1,2-Dichloroethane	ND		1.0	0.46	ug/L			10/29/24 02:06	1
1,2-Dichloropropane	ND		1.0	0.47	ug/L			10/29/24 02:06	1
1,3-Dichlorobenzene	ND		1.0	0.45	ug/L			10/29/24 02:06	1
1,4-Dichlorobenzene	ND		1.0	0.41	ug/L			10/29/24 02:06	1
2-Butanone (MEK)	ND		10	1.2	ug/L			10/29/24 02:06	1
2-Hexanone	ND		10	1.1	ug/L			10/29/24 02:06	1
4-Methyl-2-pentanone (MIBK)	ND		10	0.99	ug/L			10/29/24 02:06	1
Acetone	ND		10	5.4	ug/L			10/29/24 02:06	1
Benzene	ND		1.0	0.42	ug/L			10/29/24 02:06	1
Dichlorobromomethane	ND		1.0	0.38	ug/L			10/29/24 02:06	1
Bromoform	ND		1.0	0.76	ug/L			10/29/24 02:06	1
Bromomethane	ND		1.0	0.42	ug/L			10/29/24 02:06	1
Carbon disulfide	ND		1.0	0.59	ug/L			10/29/24 02:06	1
Carbon tetrachloride	ND		1.0	0.26	ug/L			10/29/24 02:06	1
Chlorobenzene	ND		1.0	0.38	ug/L			10/29/24 02:06	1
Chloroethane	ND		1.0	0.83	ug/L			10/29/24 02:06	1
Chloroform	ND		1.0	0.47	ug/L			10/29/24 02:06	1
Chloromethane	ND		1.0	0.63	ug/L			10/29/24 02:06	1
cis-1,2-Dichloroethene	ND		1.0	0.46	ug/L			10/29/24 02:06	1
cis-1,3-Dichloropropene	ND		1.0	0.61	ug/L			10/29/24 02:06	1
Cyclohexane	ND		1.0	0.48	ug/L			10/29/24 02:06	1
Chlorodibromomethane	ND		1.0	0.39	ug/L			10/29/24 02:06	1
Dichlorodifluoromethane	ND		1.0	0.35	ug/L			10/29/24 02:06	1
Ethylbenzene	ND		1.0	0.42	ug/L			10/29/24 02:06	1
Isopropylbenzene	ND		1.0	0.49	ug/L			10/29/24 02:06	1
Methyl acetate	ND		10	1.7	ug/L			10/29/24 02:06	1
Methyl tert-butyl ether	ND		1.0	0.47	ug/L			10/29/24 02:06	1
Methylcyclohexane	ND		1.0	0.33	ug/L			10/29/24 02:06	1
Methylene Chloride	ND		5.0	2.6	ug/L			10/29/24 02:06	1
Styrene	ND		1.0	0.45	ug/L			10/29/24 02:06	1
Tetrachloroethene	ND		1.0	0.44	ug/L			10/29/24 02:06	1
Toluene	ND		1.0	0.44	ug/L			10/29/24 02:06	1
trans-1,2-Dichloroethene	ND		1.0	0.51	ug/L			10/29/24 02:06	1
trans-1,3-Dichloropropene	ND		1.0	0.67	ug/L			10/29/24 02:06	1
Trichloroethene	ND		1.0	0.44	ug/L			10/29/24 02:06	1
Trichlorofluoromethane	ND		1.0	0.45	ug/L			10/29/24 02:06	1
Vinyl chloride	ND		1.0	0.45	ug/L			10/29/24 02:06	1
Xylenes, Total	ND		2.0	0.42	ug/L			10/29/24 02:06	1

Client: August Mack Environmental, Inc.
Project/Site: MSC Canfield

Job ID: 240-213294-1

Client Sample ID: TB-9
Date Collected: 10/17/24 00:00
Date Received: 10/17/24 16:04

Lab Sample ID: 240-213294-5
Matrix: Water

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
Toluene-d8 (Surr)	88		78 - 122		10/29/24 02:06	1
Dibromofluoromethane (Surr)	108		73 - 120		10/29/24 02:06	1
4-Bromofluorobenzene (Surr)	70		56 - 136		10/29/24 02:06	1
1,2-Dichloroethane-d4 (Surr)	106		62 - 137		10/29/24 02:06	1

Client: August Mack Environmental, Inc.
Project/Site: MSC Canfield

Job ID: 240-213294-1

Client Sample ID: TB-10
Date Collected: 10/17/24 00:00
Date Received: 10/17/24 16:04

Lab Sample ID: 240-213294-6
Matrix: Water

Method: SW846 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		1.0	0.48	ug/L			10/29/24 02:26	1
1,1,2,2-Tetrachloroethane	ND		1.0	0.60	ug/L			10/29/24 02:26	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		1.0	0.41	ug/L			10/29/24 02:26	1
1,1,2-Trichloroethane	ND		1.0	0.48	ug/L			10/29/24 02:26	1
1,1-Dichloroethane	ND		1.0	0.47	ug/L			10/29/24 02:26	1
1,1-Dichloroethene	ND		1.0	0.49	ug/L			10/29/24 02:26	1
1,2,4-Trichlorobenzene	ND		1.0	0.77	ug/L			10/29/24 02:26	1
1,2-Dibromo-3-Chloropropane	ND		2.0	0.91	ug/L			10/29/24 02:26	1
Ethylene Dibromide	ND		1.0	0.41	ug/L			10/29/24 02:26	1
1,2-Dichlorobenzene	ND		1.0	0.48	ug/L			10/29/24 02:26	1
1,2-Dichloroethane	ND		1.0	0.46	ug/L			10/29/24 02:26	1
1,2-Dichloropropane	ND		1.0	0.47	ug/L			10/29/24 02:26	1
1,3-Dichlorobenzene	ND		1.0	0.45	ug/L			10/29/24 02:26	1
1,4-Dichlorobenzene	ND		1.0	0.41	ug/L			10/29/24 02:26	1
2-Butanone (MEK)	ND		10	1.2	ug/L			10/29/24 02:26	1
2-Hexanone	ND		10	1.1	ug/L			10/29/24 02:26	1
4-Methyl-2-pentanone (MIBK)	ND		10	0.99	ug/L			10/29/24 02:26	1
Acetone	ND		10	5.4	ug/L			10/29/24 02:26	1
Benzene	ND		1.0	0.42	ug/L			10/29/24 02:26	1
Dichlorobromomethane	ND		1.0	0.38	ug/L			10/29/24 02:26	1
Bromoform	ND		1.0	0.76	ug/L			10/29/24 02:26	1
Bromomethane	ND		1.0	0.42	ug/L			10/29/24 02:26	1
Carbon disulfide	ND		1.0	0.59	ug/L			10/29/24 02:26	1
Carbon tetrachloride	ND		1.0	0.26	ug/L			10/29/24 02:26	1
Chlorobenzene	ND		1.0	0.38	ug/L			10/29/24 02:26	1
Chloroethane	ND		1.0	0.83	ug/L			10/29/24 02:26	1
Chloroform	ND		1.0	0.47	ug/L			10/29/24 02:26	1
Chloromethane	ND		1.0	0.63	ug/L			10/29/24 02:26	1
cis-1,2-Dichloroethene	ND		1.0	0.46	ug/L			10/29/24 02:26	1
cis-1,3-Dichloropropene	ND		1.0	0.61	ug/L			10/29/24 02:26	1
Cyclohexane	ND		1.0	0.48	ug/L			10/29/24 02:26	1
Chlorodibromomethane	ND		1.0	0.39	ug/L			10/29/24 02:26	1
Dichlorodifluoromethane	ND		1.0	0.35	ug/L			10/29/24 02:26	1
Ethylbenzene	ND		1.0	0.42	ug/L			10/29/24 02:26	1
Isopropylbenzene	ND		1.0	0.49	ug/L			10/29/24 02:26	1
Methyl acetate	ND		10	1.7	ug/L			10/29/24 02:26	1
Methyl tert-butyl ether	ND		1.0	0.47	ug/L			10/29/24 02:26	1
Methylcyclohexane	ND		1.0	0.33	ug/L			10/29/24 02:26	1
Methylene Chloride	ND		5.0	2.6	ug/L			10/29/24 02:26	1
Styrene	ND		1.0	0.45	ug/L			10/29/24 02:26	1
Tetrachloroethene	ND		1.0	0.44	ug/L			10/29/24 02:26	1
Toluene	ND		1.0	0.44	ug/L			10/29/24 02:26	1
trans-1,2-Dichloroethene	ND		1.0	0.51	ug/L			10/29/24 02:26	1
trans-1,3-Dichloropropene	ND		1.0	0.67	ug/L			10/29/24 02:26	1
Trichloroethene	ND		1.0	0.44	ug/L			10/29/24 02:26	1
Trichlorofluoromethane	ND		1.0	0.45	ug/L			10/29/24 02:26	1
Vinyl chloride	ND		1.0	0.45	ug/L			10/29/24 02:26	1
Xylenes, Total	ND		2.0	0.42	ug/L			10/29/24 02:26	1

Client: August Mack Environmental, Inc.
Project/Site: MSC Canfield

Job ID: 240-213294-1

Client Sample ID: TB-10
Date Collected: 10/17/24 00:00
Date Received: 10/17/24 16:04

Lab Sample ID: 240-213294-6
Matrix: Water

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
Toluene-d8 (Surr)	88		78 - 122		10/29/24 02:26	1
Dibromofluoromethane (Surr)	111		73 - 120		10/29/24 02:26	1
4-Bromofluorobenzene (Surr)	77		56 - 136		10/29/24 02:26	1
1,2-Dichloroethane-d4 (Surr)	111		62 - 137		10/29/24 02:26	1

Surrogate Summary

Client: August Mack Environmental, Inc.
Project/Site: MSC Canfield

Job ID: 240-213294-1

Method: 8260D - Volatile Organic Compounds by GC/MS

Matrix: Water

Prep Type: Total/NA

		Percent Surrogate Recovery (Acceptance Limits)			
		TOL	DBFM	BFB	DCA
Lab Sample ID	Client Sample ID	(78-122)	(73-120)	(56-136)	(62-137)
240-213294-1	SB-21-GW-18-28	92	97	88	89
240-213294-2	SB-13-GW-18-28	98	103	94	95
240-213294-2	SB-13-GW-18-28	97	103	88	100
240-213294-3	SB-22-GW-18-28	96	105	92	96
240-213294-4	DUP-1	99	106	90	100
240-213294-5	TB-9	88	108	70	106
240-213294-6	TB-10	88	111	77	111
LCS 240-632801/4	Lab Control Sample	101	101	97	98
LCS 240-632856/5	Lab Control Sample	96	96	94	89
LCS 240-633276/5	Lab Control Sample	103	101	99	95
LCSD 240-632856/28	Lab Control Sample Dup	94	92	92	85
MB 240-632801/7	Method Blank	87	98	79	97
MB 240-632856/9	Method Blank	96	101	90	99
MB 240-633276/9	Method Blank	92	101	81	94

Surrogate Legend

TOL = Toluene-d8 (Surr)
DBFM = Dibromofluoromethane (Surr)
BFB = 4-Bromofluorobenzene (Surr)
DCA = 1,2-Dichloroethane-d4 (Surr)

Method: 8270E - Semivolatile Organic Compounds (GC/MS)

Matrix: Water

Prep Type: Total/NA

		Percent Surrogate Recovery (Acceptance Limits)					
		TPHL	PHL	NBZ	2FP	FBP	TBP
Lab Sample ID	Client Sample ID	(43-136)	(10-120)	(40-120)	(10-127)	(41-120)	(23-127)
240-213294-1	SB-21-GW-18-28	81	73	91	112	84	99
240-213294-2	SB-13-GW-18-28	75	60	75	89	68	72
240-213294-3	SB-22-GW-18-28	89	60	71	105	61	77
240-213294-4	DUP-1	86	65	81	110	74	90
LCS 240-632015/2-A	Lab Control Sample	84	57	93	129 S1+	77	94
MB 240-632015/1-A	Method Blank	82	46	76	73	61	73

Surrogate Legend

TPHL = Terphenyl-d14 (Surr)
PHL = Phenol-d5 (Surr)
NBZ = Nitrobenzene-d5 (Surr)
2FP = 2-Fluorophenol (Surr)
FBP = 2-Fluorobiphenyl (Surr)
TBP = 2,4,6-Tribromophenol (Surr)

Method: 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Matrix: Water

Prep Type: Total/NA

		Percent Surrogate Recovery (Acceptance Limits)	
		TCX2	DCBP2
Lab Sample ID	Client Sample ID	(10-149)	(10-174)
240-213294-1	SB-21-GW-18-28	29	14
240-213294-2	SB-13-GW-18-28	28	16
240-213294-3	SB-22-GW-18-28	48	29

Surrogate Summary

Client: August Mack Environmental, Inc. Job ID: 240-213294-1
Project/Site: MSC Canfield

Method: 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography (Continued)

Matrix: Water **Prep Type: Total/NA**

		Percent Surrogate Recovery (Acceptance Limits)									
		TCX2	DCBP2								
Lab Sample ID	Client Sample ID	(10-149)	(10-174)								
240-213294-4	DUP-1	60	40								
LCS 240-631609/2-A	Lab Control Sample	59	70								
MB 240-631609/1-A	Method Blank	53	82								

Surrogate Legend

TCX = Tetrachloro-m-xylene

DCBP = DCB Decachlorobiphenyl

Client: August Mack Environmental, Inc.
Project/Site: MSC Canfield

Job ID: 240-213294-1

Method: 8260D - Volatile Organic Compounds by GC/MS

Lab Sample ID: MB 240-632801/7
Matrix: Water
Analysis Batch: 632801

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		1.0	0.48	ug/L			10/28/24 23:26	1
1,1,2,2-Tetrachloroethane	ND		1.0	0.60	ug/L			10/28/24 23:26	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		1.0	0.41	ug/L			10/28/24 23:26	1
1,1,2-Trichloroethane	ND		1.0	0.48	ug/L			10/28/24 23:26	1
1,1-Dichloroethane	ND		1.0	0.47	ug/L			10/28/24 23:26	1
1,1-Dichloroethene	ND		1.0	0.49	ug/L			10/28/24 23:26	1
1,2,4-Trichlorobenzene	ND		1.0	0.77	ug/L			10/28/24 23:26	1
1,2-Dibromo-3-Chloropropane	ND		2.0	0.91	ug/L			10/28/24 23:26	1
Ethylene Dibromide	ND		1.0	0.41	ug/L			10/28/24 23:26	1
1,2-Dichlorobenzene	ND		1.0	0.48	ug/L			10/28/24 23:26	1
1,2-Dichloroethane	ND		1.0	0.46	ug/L			10/28/24 23:26	1
1,2-Dichloropropane	ND		1.0	0.47	ug/L			10/28/24 23:26	1
1,3-Dichlorobenzene	ND		1.0	0.45	ug/L			10/28/24 23:26	1
1,4-Dichlorobenzene	ND		1.0	0.41	ug/L			10/28/24 23:26	1
2-Butanone (MEK)	ND		10	1.2	ug/L			10/28/24 23:26	1
2-Hexanone	ND		10	1.1	ug/L			10/28/24 23:26	1
4-Methyl-2-pentanone (MIBK)	ND		10	0.99	ug/L			10/28/24 23:26	1
Acetone	ND		10	5.4	ug/L			10/28/24 23:26	1
Benzene	ND		1.0	0.42	ug/L			10/28/24 23:26	1
Dichlorobromomethane	ND		1.0	0.38	ug/L			10/28/24 23:26	1
Bromoform	ND		1.0	0.76	ug/L			10/28/24 23:26	1
Bromomethane	ND		1.0	0.42	ug/L			10/28/24 23:26	1
Carbon disulfide	ND		1.0	0.59	ug/L			10/28/24 23:26	1
Carbon tetrachloride	ND		1.0	0.26	ug/L			10/28/24 23:26	1
Chlorobenzene	ND		1.0	0.38	ug/L			10/28/24 23:26	1
Chloroethane	ND		1.0	0.83	ug/L			10/28/24 23:26	1
Chloroform	ND		1.0	0.47	ug/L			10/28/24 23:26	1
Chloromethane	ND		1.0	0.63	ug/L			10/28/24 23:26	1
cis-1,2-Dichloroethene	ND		1.0	0.46	ug/L			10/28/24 23:26	1
cis-1,3-Dichloropropene	ND		1.0	0.61	ug/L			10/28/24 23:26	1
Cyclohexane	ND		1.0	0.48	ug/L			10/28/24 23:26	1
Chlorodibromomethane	ND		1.0	0.39	ug/L			10/28/24 23:26	1
Dichlorodifluoromethane	ND		1.0	0.35	ug/L			10/28/24 23:26	1
Ethylbenzene	ND		1.0	0.42	ug/L			10/28/24 23:26	1
Isopropylbenzene	ND		1.0	0.49	ug/L			10/28/24 23:26	1
Methyl acetate	ND		10	1.7	ug/L			10/28/24 23:26	1
Methyl tert-butyl ether	ND		1.0	0.47	ug/L			10/28/24 23:26	1
Methylcyclohexane	ND		1.0	0.33	ug/L			10/28/24 23:26	1
Methylene Chloride	ND		5.0	2.6	ug/L			10/28/24 23:26	1
Styrene	ND		1.0	0.45	ug/L			10/28/24 23:26	1
Tetrachloroethene	ND		1.0	0.44	ug/L			10/28/24 23:26	1
Toluene	ND		1.0	0.44	ug/L			10/28/24 23:26	1
trans-1,2-Dichloroethene	ND		1.0	0.51	ug/L			10/28/24 23:26	1
trans-1,3-Dichloropropene	ND		1.0	0.67	ug/L			10/28/24 23:26	1
Trichloroethene	ND		1.0	0.44	ug/L			10/28/24 23:26	1
Trichlorofluoromethane	ND		1.0	0.45	ug/L			10/28/24 23:26	1
Vinyl chloride	ND		1.0	0.45	ug/L			10/28/24 23:26	1
Xylenes, Total	ND		2.0	0.42	ug/L			10/28/24 23:26	1

Method: 8260D - Volatile Organic Compounds by GC/MS (Continued)

Lab Sample ID: MB 240-632801/7
Matrix: Water
Analysis Batch: 632801

Client Sample ID: Method Blank
Prep Type: Total/NA

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
Toluene-d8 (Surr)	*87*		*78 - 122*		*10/28/24 23:26*	*1*
Dibromofluoromethane (Surr)	*98*		*73 - 120*		*10/28/24 23:26*	*1*
4-Bromofluorobenzene (Surr)	*79*		*56 - 136*		*10/28/24 23:26*	*1*
1,2-Dichloroethane-d4 (Surr)	*97*		*62 - 137*		*10/28/24 23:26*	*1*

Lab Sample ID: LCS 240-632801/4
Matrix: Water
Analysis Batch: 632801

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
1,1,1-Trichloroethane	25.0	23.8		ug/L		95	64 - 131
1,1,2,2-Tetrachloroethane	25.0	20.4		ug/L		81	58 - 157
1,1,2-Trichloro-1,2,2-trifluoroethane	25.0	28.7		ug/L		115	51 - 146
1,1,2-Trichloroethane	25.0	23.7		ug/L		95	70 - 138
1,1-Dichloroethane	25.0	24.8		ug/L		99	72 - 127
1,1-Dichloroethene	25.0	24.9		ug/L		100	63 - 134
1,2,4-Trichlorobenzene	25.0	20.6		ug/L		82	44 - 147
1,2-Dibromo-3-Chloropropane	25.0	17.0		ug/L		68	53 - 135
Ethylene Dibromide	25.0	23.7		ug/L		95	71 - 134
1,2-Dichlorobenzene	25.0	23.4		ug/L		94	78 - 120
1,2-Dichloroethane	25.0	22.9		ug/L		92	66 - 128
1,2-Dichloropropane	25.0	22.2		ug/L		89	75 - 133
1,3-Dichlorobenzene	25.0	22.8		ug/L		91	80 - 120
1,4-Dichlorobenzene	25.0	23.5		ug/L		94	80 - 120
2-Butanone (MEK)	50.0	30.8		ug/L		62	54 - 156
2-Hexanone	50.0	33.7		ug/L		67	43 - 167
4-Methyl-2-pentanone (MIBK)	50.0	35.0		ug/L		70	46 - 158
Acetone	50.0	41.1		ug/L		82	50 - 149
Benzene	25.0	24.6		ug/L		98	77 - 123
Dichlorobromomethane	25.0	22.6		ug/L		90	69 - 126
Bromoform	25.0	23.2		ug/L		93	57 - 129
Bromomethane	12.5	14.5		ug/L		116	36 - 142
Carbon disulfide	25.0	23.7		ug/L		95	43 - 140
Carbon tetrachloride	25.0	23.8		ug/L		95	55 - 137
Chlorobenzene	25.0	25.0		ug/L		100	80 - 121
Chloroethane	12.5	13.7		ug/L		110	38 - 152
Chloroform	25.0	23.8		ug/L		95	74 - 122
Chloromethane	12.5	9.35		ug/L		75	47 - 143
cis-1,2-Dichloroethene	25.0	24.3		ug/L		97	77 - 123
cis-1,3-Dichloropropene	25.0	20.2		ug/L		81	64 - 130
Cyclohexane	25.0	21.0		ug/L		84	58 - 146
Chlorodibromomethane	25.0	22.2		ug/L		89	70 - 124
Dichlorodifluoromethane	12.5	8.17		ug/L		65	34 - 153
Ethylbenzene	25.0	23.7		ug/L		95	80 - 121
Isopropylbenzene	25.0	25.8		ug/L		103	74 - 128
Methyl acetate	50.0	33.3		ug/L		67	42 - 169
Methyl tert-butyl ether	25.0	24.7		ug/L		99	65 - 126
Methylcyclohexane	25.0	20.5		ug/L		82	62 - 136

Method: 8260D - Volatile Organic Compounds by GC/MS (Continued)

Lab Sample ID: LCS 240-632801/4
Matrix: Water
Analysis Batch: 632801

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Methylene Chloride	25.0	27.0		ug/L		108	71 - 125
Styrene	25.0	24.5		ug/L		98	80 - 135
Tetrachloroethene	25.0	25.9		ug/L		104	76 - 123
Toluene	25.0	22.6		ug/L		90	80 - 123
trans-1,2-Dichloroethene	25.0	25.0		ug/L		100	75 - 124
trans-1,3-Dichloropropene	25.0	21.7		ug/L		87	57 - 129
Trichloroethene	25.0	24.0		ug/L		96	70 - 122
Trichlorofluoromethane	12.5	14.7		ug/L		117	30 - 170
Vinyl chloride	12.5	10.5		ug/L		84	60 - 144
Xylenes, Total	50.0	47.0		ug/L		94	80 - 121
m-Xylene & p-Xylene	25.0	23.7		ug/L		95	80 - 120
o-Xylene	25.0	23.3		ug/L		93	80 - 123

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
Toluene-d8 (Surr)	*101*		*78 - 122*
Dibromofluoromethane (Surr)	*101*		*73 - 120*
4-Bromofluorobenzene (Surr)	*97*		*56 - 136*
1,2-Dichloroethane-d4 (Surr)	*98*		*62 - 137*

Lab Sample ID: MB 240-632856/9
Matrix: Water
Analysis Batch: 632856

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		1.0	0.48	ug/L			10/29/24 09:29	1
1,1,2,2-Tetrachloroethane	ND		1.0	0.60	ug/L			10/29/24 09:29	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		1.0	0.41	ug/L			10/29/24 09:29	1
1,1,2-Trichloroethane	ND		1.0	0.48	ug/L			10/29/24 09:29	1
1,1-Dichloroethane	ND		1.0	0.47	ug/L			10/29/24 09:29	1
1,1-Dichloroethene	ND		1.0	0.49	ug/L			10/29/24 09:29	1
1,2,4-Trichlorobenzene	ND		1.0	0.77	ug/L			10/29/24 09:29	1
1,2-Dibromo-3-Chloropropane	ND		2.0	0.91	ug/L			10/29/24 09:29	1
Ethylene Dibromide	ND		1.0	0.41	ug/L			10/29/24 09:29	1
1,2-Dichlorobenzene	ND		1.0	0.48	ug/L			10/29/24 09:29	1
1,2-Dichloroethane	ND		1.0	0.46	ug/L			10/29/24 09:29	1
1,2-Dichloropropane	ND		1.0	0.47	ug/L			10/29/24 09:29	1
1,3-Dichlorobenzene	ND		1.0	0.45	ug/L			10/29/24 09:29	1
1,4-Dichlorobenzene	ND		1.0	0.41	ug/L			10/29/24 09:29	1
2-Butanone (MEK)	ND		10	1.2	ug/L			10/29/24 09:29	1
2-Hexanone	ND		10	1.1	ug/L			10/29/24 09:29	1
4-Methyl-2-pentanone (MIBK)	ND		10	0.99	ug/L			10/29/24 09:29	1
Acetone	ND		10	5.4	ug/L			10/29/24 09:29	1
Benzene	ND		1.0	0.42	ug/L			10/29/24 09:29	1
Dichlorobromomethane	ND		1.0	0.38	ug/L			10/29/24 09:29	1
Bromoform	ND		1.0	0.76	ug/L			10/29/24 09:29	1
Bromomethane	ND		1.0	0.42	ug/L			10/29/24 09:29	1
Carbon disulfide	ND		1.0	0.59	ug/L			10/29/24 09:29	1
Carbon tetrachloride	ND		1.0	0.26	ug/L			10/29/24 09:29	1

Method: 8260D - Volatile Organic Compounds by GC/MS (Continued)

Lab Sample ID: MB 240-632856/9
Matrix: Water
Analysis Batch: 632856

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chlorobenzene	ND		1.0	0.38	ug/L			10/29/24 09:29	1
Chloroethane	ND		1.0	0.83	ug/L			10/29/24 09:29	1
Chloroform	ND		1.0	0.47	ug/L			10/29/24 09:29	1
Chloromethane	ND		1.0	0.63	ug/L			10/29/24 09:29	1
cis-1,2-Dichloroethene	ND		1.0	0.46	ug/L			10/29/24 09:29	1
cis-1,3-Dichloropropene	ND		1.0	0.61	ug/L			10/29/24 09:29	1
Cyclohexane	ND		1.0	0.48	ug/L			10/29/24 09:29	1
Chlorodibromomethane	ND		1.0	0.39	ug/L			10/29/24 09:29	1
Dichlorodifluoromethane	ND		1.0	0.35	ug/L			10/29/24 09:29	1
Ethylbenzene	ND		1.0	0.42	ug/L			10/29/24 09:29	1
Isopropylbenzene	ND		1.0	0.49	ug/L			10/29/24 09:29	1
Methyl acetate	ND		10	1.7	ug/L			10/29/24 09:29	1
Methyl tert-butyl ether	ND		1.0	0.47	ug/L			10/29/24 09:29	1
Methylcyclohexane	ND		1.0	0.33	ug/L			10/29/24 09:29	1
Methylene Chloride	ND		5.0	2.6	ug/L			10/29/24 09:29	1
Styrene	ND		1.0	0.45	ug/L			10/29/24 09:29	1
Tetrachloroethene	ND		1.0	0.44	ug/L			10/29/24 09:29	1
Toluene	ND		1.0	0.44	ug/L			10/29/24 09:29	1
trans-1,2-Dichloroethene	ND		1.0	0.51	ug/L			10/29/24 09:29	1
trans-1,3-Dichloropropene	ND		1.0	0.67	ug/L			10/29/24 09:29	1
Trichloroethene	ND		1.0	0.44	ug/L			10/29/24 09:29	1
Trichlorofluoromethane	ND		1.0	0.45	ug/L			10/29/24 09:29	1
Vinyl chloride	ND		1.0	0.45	ug/L			10/29/24 09:29	1
Xylenes, Total	ND		2.0	0.42	ug/L			10/29/24 09:29	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Toluene-d8 (Surr)	*96*		*78 - 122*		*10/29/24 09:29*	*1*
Dibromofluoromethane (Surr)	*101*		*73 - 120*		*10/29/24 09:29*	*1*
4-Bromofluorobenzene (Surr)	*90*		*56 - 136*		*10/29/24 09:29*	*1*
1,2-Dichloroethane-d4 (Surr)	*99*		*62 - 137*		*10/29/24 09:29*	*1*

Lab Sample ID: LCS 240-632856/5
Matrix: Water
Analysis Batch: 632856

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
1,1,1-Trichloroethane	20.0	17.8		ug/L		89	64 - 131
1,1,2,2-Tetrachloroethane	20.0	14.7		ug/L		74	58 - 157
1,1,2-Trichloro-1,2,2-trifluoroethane	20.0	17.3		ug/L		86	51 - 146
1,1,2-Trichloroethane	20.0	17.0		ug/L		85	70 - 138
1,1-Dichloroethane	20.0	16.7		ug/L		84	72 - 127
1,1-Dichloroethene	20.0	17.0		ug/L		85	63 - 134
1,2,4-Trichlorobenzene	20.0	13.9		ug/L		70	44 - 147
1,2-Dibromo-3-Chloropropane	20.0	15.4		ug/L		77	53 - 135
Ethylene Dibromide	20.0	17.5		ug/L		87	71 - 134
1,2-Dichlorobenzene	20.0	17.1		ug/L		85	78 - 120
1,2-Dichloroethane	20.0	16.5		ug/L		83	66 - 128
1,2-Dichloropropane	20.0	16.9		ug/L		84	75 - 133

Method: 8260D - Volatile Organic Compounds by GC/MS (Continued)

Lab Sample ID: LCS 240-632856/5
Matrix: Water
Analysis Batch: 632856

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
1,3-Dichlorobenzene	20.0	18.0		ug/L		90	80 - 120
1,4-Dichlorobenzene	20.0	17.6		ug/L		88	80 - 120
2-Butanone (MEK)	40.0	32.4		ug/L		81	54 - 156
2-Hexanone	40.0	31.0		ug/L		78	43 - 167
4-Methyl-2-pentanone (MIBK)	40.0	31.4		ug/L		78	46 - 158
Acetone	40.0	22.0		ug/L		55	50 - 149
Benzene	20.0	17.2		ug/L		86	77 - 123
Dichlorobromomethane	20.0	16.6		ug/L		83	69 - 126
Bromoform	20.0	18.0		ug/L		90	57 - 129
Bromomethane	20.0	25.7		ug/L		128	36 - 142
Carbon disulfide	20.0	16.2		ug/L		81	43 - 140
Carbon tetrachloride	20.0	18.5		ug/L		92	55 - 137
Chlorobenzene	20.0	18.0		ug/L		90	80 - 121
Chloroethane	20.0	26.0		ug/L		130	38 - 152
Chloroform	20.0	16.6		ug/L		83	74 - 122
Chloromethane	20.0	15.3		ug/L		76	47 - 143
cis-1,2-Dichloroethene	20.0	17.4		ug/L		87	77 - 123
cis-1,3-Dichloropropene	20.0	16.6		ug/L		83	64 - 130
Cyclohexane	20.0	17.7		ug/L		89	58 - 146
Chlorodibromomethane	20.0	17.6		ug/L		88	70 - 124
Dichlorodifluoromethane	20.0	12.7		ug/L		63	34 - 153
Ethylbenzene	20.0	19.8		ug/L		99	80 - 121
Isopropylbenzene	20.0	21.0		ug/L		105	74 - 128
Methyl acetate	40.0	27.2		ug/L		68	42 - 169
Methyl tert-butyl ether	20.0	17.3		ug/L		86	65 - 126
Methylcyclohexane	20.0	21.0		ug/L		105	62 - 136
Methylene Chloride	20.0	16.3		ug/L		81	71 - 125
Styrene	20.0	20.5		ug/L		102	80 - 135
Tetrachloroethene	20.0	19.4		ug/L		97	76 - 123
Toluene	20.0	17.4		ug/L		87	80 - 123
trans-1,2-Dichloroethene	20.0	17.1		ug/L		85	75 - 124
trans-1,3-Dichloropropene	20.0	17.5		ug/L		88	57 - 129
Trichloroethene	20.0	18.8		ug/L		94	70 - 122
Trichlorofluoromethane	20.0	23.8		ug/L		119	30 - 170
Vinyl chloride	20.0	17.9		ug/L		90	60 - 144
Xylenes, Total	40.0	38.4		ug/L		96	80 - 121
m-Xylene & p-Xylene	20.0	19.1		ug/L		96	80 - 120
o-Xylene	20.0	19.3		ug/L		97	80 - 123

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
Toluene-d8 (Surr)	*96*		*78 - 122*
Dibromofluoromethane (Surr)	*96*		*73 - 120*
4-Bromofluorobenzene (Surr)	*94*		*56 - 136*
1,2-Dichloroethane-d4 (Surr)	*89*		*62 - 137*

Method: 8260D - Volatile Organic Compounds by GC/MS (Continued)

Lab Sample ID: LCSD 240-632856/28
Matrix: Water
Analysis Batch: 632856

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
1,1,1-Trichloroethane			20.0	18.3		ug/L		92	64 - 131	3	35
1,1,2,2-Tetrachloroethane			20.0	14.9		ug/L		75	58 - 157	1	35
1,1,2-Trichloro-1,2,2-trifluoroethane			20.0	16.8		ug/L		84	51 - 146	3	35
1,1,2-Trichloroethane			20.0	17.8		ug/L		89	70 - 138	4	35
1,1-Dichloroethane			20.0	16.8		ug/L		84	72 - 127	0	35
1,1-Dichloroethene			20.0	17.3		ug/L		87	63 - 134	2	35
1,2,4-Trichlorobenzene			20.0	14.3		ug/L		72	44 - 147	3	35
1,2-Dibromo-3-Chloropropane			20.0	15.7		ug/L		78	53 - 135	2	35
Ethylene Dibromide			20.0	19.2		ug/L		96	71 - 134	9	35
1,2-Dichlorobenzene			20.0	17.5		ug/L		88	78 - 120	3	35
1,2-Dichloroethane			20.0	16.9		ug/L		85	66 - 128	2	35
1,2-Dichloropropane			20.0	17.2		ug/L		86	75 - 133	2	35
1,3-Dichlorobenzene			20.0	18.3		ug/L		92	80 - 120	2	35
1,4-Dichlorobenzene			20.0	18.0		ug/L		90	80 - 120	2	35
2-Butanone (MEK)			40.0	35.0		ug/L		88	54 - 156	8	35
2-Hexanone			40.0	32.8		ug/L		82	43 - 167	6	35
4-Methyl-2-pentanone (MIBK)			40.0	32.4		ug/L		81	46 - 158	3	35
Acetone			40.0	23.5		ug/L		59	50 - 149	6	35
Benzene			20.0	17.7		ug/L		89	77 - 123	3	35
Dichlorobromomethane			20.0	17.3		ug/L		87	69 - 126	5	35
Bromoform			20.0	19.4		ug/L		97	57 - 129	8	35
Bromomethane			20.0	23.1		ug/L		116	36 - 142	10	35
Carbon disulfide			20.0	15.1		ug/L		76	43 - 140	7	35
Carbon tetrachloride			20.0	18.9		ug/L		95	55 - 137	3	35
Chlorobenzene			20.0	19.4		ug/L		97	80 - 121	8	35
Chloroethane			20.0	24.7		ug/L		123	38 - 152	5	35
Chloroform			20.0	17.2		ug/L		86	74 - 122	4	35
Chloromethane			20.0	14.1		ug/L		70	47 - 143	8	35
cis-1,2-Dichloroethene			20.0	18.0		ug/L		90	77 - 123	3	35
cis-1,3-Dichloropropene			20.0	17.5		ug/L		87	64 - 130	5	35
Cyclohexane			20.0	16.2		ug/L		81	58 - 146	9	35
Chlorodibromomethane			20.0	19.5		ug/L		98	70 - 124	11	35
Dichlorodifluoromethane			20.0	12.2		ug/L		61	34 - 153	4	35
Ethylbenzene			20.0	20.9		ug/L		105	80 - 121	6	35
Isopropylbenzene			20.0	21.7		ug/L		109	74 - 128	3	35
Methyl acetate			40.0	26.3		ug/L		66	42 - 169	4	35
Methyl tert-butyl ether			20.0	17.4		ug/L		87	65 - 126	1	35
Methylcyclohexane			20.0	19.6		ug/L		98	62 - 136	7	35
Methylene Chloride			20.0	16.2		ug/L		81	71 - 125	1	35
Styrene			20.0	22.1		ug/L		110	80 - 135	7	35
Tetrachloroethene			20.0	20.2		ug/L		101	76 - 123	4	35
Toluene			20.0	18.2		ug/L		91	80 - 123	5	35
trans-1,2-Dichloroethene			20.0	17.8		ug/L		89	75 - 124	4	35
trans-1,3-Dichloropropene			20.0	18.4		ug/L		92	57 - 129	5	35
Trichloroethene			20.0	20.5		ug/L		102	70 - 122	9	35
Trichlorofluoromethane			20.0	23.1		ug/L		116	30 - 170	3	35
Vinyl chloride			20.0	15.8		ug/L		79	60 - 144	12	35
Xylenes, Total			40.0	40.7		ug/L		102	80 - 121	6	35

Method: 8260D - Volatile Organic Compounds by GC/MS (Continued)

Lab Sample ID: LCSD 240-632856/28
Matrix: Water
Analysis Batch: 632856

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
m-Xylene & p-Xylene			20.0	19.8		ug/L		99	80 - 120	3	35
o-Xylene			20.0	20.9		ug/L		104	80 - 123	8	35

Surrogate	*LCSD %Recovery*	*LCSD Qualifier*	*Limits*
Toluene-d8 (Surr)	*94*		*78 - 122*
Dibromofluoromethane (Surr)	*92*		*73 - 120*
4-Bromofluorobenzene (Surr)	*92*		*56 - 136*
1,2-Dichloroethane-d4 (Surr)	*85*		*62 - 137*

Lab Sample ID: MB 240-633276/9
Matrix: Water
Analysis Batch: 633276

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		1.0	0.48	ug/L			10/31/24 12:01	1
1,1,2,2-Tetrachloroethane	ND		1.0	0.60	ug/L			10/31/24 12:01	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		1.0	0.41	ug/L			10/31/24 12:01	1
1,1,2-Trichloroethane	ND		1.0	0.48	ug/L			10/31/24 12:01	1
1,1-Dichloroethane	ND		1.0	0.47	ug/L			10/31/24 12:01	1
1,1-Dichloroethene	ND		1.0	0.49	ug/L			10/31/24 12:01	1
1,2,4-Trichlorobenzene	ND		1.0	0.77	ug/L			10/31/24 12:01	1
1,2-Dibromo-3-Chloropropane	ND		2.0	0.91	ug/L			10/31/24 12:01	1
Ethylene Dibromide	ND		1.0	0.41	ug/L			10/31/24 12:01	1
1,2-Dichlorobenzene	ND		1.0	0.48	ug/L			10/31/24 12:01	1
1,2-Dichloroethane	ND		1.0	0.46	ug/L			10/31/24 12:01	1
1,2-Dichloropropane	ND		1.0	0.47	ug/L			10/31/24 12:01	1
1,3-Dichlorobenzene	ND		1.0	0.45	ug/L			10/31/24 12:01	1
1,4-Dichlorobenzene	ND		1.0	0.41	ug/L			10/31/24 12:01	1
2-Butanone (MEK)	ND		10	1.2	ug/L			10/31/24 12:01	1
2-Hexanone	ND		10	1.1	ug/L			10/31/24 12:01	1
4-Methyl-2-pentanone (MIBK)	ND		10	0.99	ug/L			10/31/24 12:01	1
Acetone	ND		10	5.4	ug/L			10/31/24 12:01	1
Benzene	ND		1.0	0.42	ug/L			10/31/24 12:01	1
Dichlorobromomethane	ND		1.0	0.38	ug/L			10/31/24 12:01	1
Bromoform	ND		1.0	0.76	ug/L			10/31/24 12:01	1
Bromomethane	ND		1.0	0.42	ug/L			10/31/24 12:01	1
Carbon disulfide	ND		1.0	0.59	ug/L			10/31/24 12:01	1
Carbon tetrachloride	ND		1.0	0.26	ug/L			10/31/24 12:01	1
Chlorobenzene	ND		1.0	0.38	ug/L			10/31/24 12:01	1
Chloroethane	ND		1.0	0.83	ug/L			10/31/24 12:01	1
Chloroform	ND		1.0	0.47	ug/L			10/31/24 12:01	1
Chloromethane	ND		1.0	0.63	ug/L			10/31/24 12:01	1
cis-1,2-Dichloroethene	ND		1.0	0.46	ug/L			10/31/24 12:01	1
cis-1,3-Dichloropropene	ND		1.0	0.61	ug/L			10/31/24 12:01	1
Cyclohexane	ND		1.0	0.48	ug/L			10/31/24 12:01	1
Chlorodibromomethane	ND		1.0	0.39	ug/L			10/31/24 12:01	1
Dichlorodifluoromethane	ND		1.0	0.35	ug/L			10/31/24 12:01	1
Ethylbenzene	ND		1.0	0.42	ug/L			10/31/24 12:01	1

Method: 8260D - Volatile Organic Compounds by GC/MS (Continued)

Lab Sample ID: MB 240-633276/9
Matrix: Water
Analysis Batch: 633276

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Isopropylbenzene	ND		1.0	0.49	ug/L			10/31/24 12:01	1
Methyl acetate	ND		10	1.7	ug/L			10/31/24 12:01	1
Methyl tert-butyl ether	ND		1.0	0.47	ug/L			10/31/24 12:01	1
Methylcyclohexane	ND		1.0	0.33	ug/L			10/31/24 12:01	1
Methylene Chloride	ND		5.0	2.6	ug/L			10/31/24 12:01	1
Styrene	ND		1.0	0.45	ug/L			10/31/24 12:01	1
Tetrachloroethene	ND		1.0	0.44	ug/L			10/31/24 12:01	1
Toluene	ND		1.0	0.44	ug/L			10/31/24 12:01	1
trans-1,2-Dichloroethene	ND		1.0	0.51	ug/L			10/31/24 12:01	1
trans-1,3-Dichloropropene	ND		1.0	0.67	ug/L			10/31/24 12:01	1
Trichloroethene	ND		1.0	0.44	ug/L			10/31/24 12:01	1
Trichlorofluoromethane	ND		1.0	0.45	ug/L			10/31/24 12:01	1
Vinyl chloride	ND		1.0	0.45	ug/L			10/31/24 12:01	1
Xylenes, Total	ND		2.0	0.42	ug/L			10/31/24 12:01	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Toluene-d8 (Surr)	*92*		*78 - 122*		*10/31/24 12:01*	*1*
Dibromofluoromethane (Surr)	*101*		*73 - 120*		*10/31/24 12:01*	*1*
4-Bromofluorobenzene (Surr)	*81*		*56 - 136*		*10/31/24 12:01*	*1*
1,2-Dichloroethane-d4 (Surr)	*94*		*62 - 137*		*10/31/24 12:01*	*1*

Lab Sample ID: LCS 240-633276/5
Matrix: Water
Analysis Batch: 633276

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
1,1,1-Trichloroethane	20.0	19.9		ug/L		99	64 - 131
1,1,2,2-Tetrachloroethane	20.0	16.2		ug/L		81	58 - 157
1,1,2-Trichloro-1,2,2-trifluoroethane	20.0	19.9		ug/L		99	51 - 146
1,1,2-Trichloroethane	20.0	19.1		ug/L		95	70 - 138
1,1-Dichloroethane	20.0	18.8		ug/L		94	72 - 127
1,1-Dichloroethene	20.0	19.6		ug/L		98	63 - 134
1,2,4-Trichlorobenzene	20.0	15.7		ug/L		78	44 - 147
1,2-Dibromo-3-Chloropropane	20.0	16.5		ug/L		83	53 - 135
Ethylene Dibromide	20.0	20.2		ug/L		101	71 - 134
1,2-Dichlorobenzene	20.0	19.0		ug/L		95	78 - 120
1,2-Dichloroethane	20.0	18.3		ug/L		92	66 - 128
1,2-Dichloropropane	20.0	18.9		ug/L		94	75 - 133
1,3-Dichlorobenzene	20.0	20.2		ug/L		101	80 - 120
1,4-Dichlorobenzene	20.0	19.6		ug/L		98	80 - 120
2-Butanone (MEK)	40.0	34.0		ug/L		85	54 - 156
2-Hexanone	40.0	34.4		ug/L		86	43 - 167
4-Methyl-2-pentanone (MIBK)	40.0	35.1		ug/L		88	46 - 158
Acetone	40.0	34.5		ug/L		86	50 - 149
Benzene	20.0	19.2		ug/L		96	77 - 123
Dichlorobromomethane	20.0	18.3		ug/L		92	69 - 126
Bromoform	20.0	20.3		ug/L		101	57 - 129
Bromomethane	20.0	24.9		ug/L		125	36 - 142

Method: 8260D - Volatile Organic Compounds by GC/MS (Continued)

Lab Sample ID: LCS 240-633276/5
Matrix: Water
Analysis Batch: 633276

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Carbon disulfide	20.0	18.5		ug/L		93	43 - 140
Carbon tetrachloride	20.0	21.1		ug/L		105	55 - 137
Chlorobenzene	20.0	20.8		ug/L		104	80 - 121
Chloroethane	20.0	26.2		ug/L		131	38 - 152
Chloroform	20.0	18.4		ug/L		92	74 - 122
Chloromethane	20.0	14.8		ug/L		74	47 - 143
cis-1,2-Dichloroethene	20.0	19.4		ug/L		97	77 - 123
cis-1,3-Dichloropropene	20.0	18.6		ug/L		93	64 - 130
Cyclohexane	20.0	20.4		ug/L		102	58 - 146
Chlorodibromomethane	20.0	20.2		ug/L		101	70 - 124
Dichlorodifluoromethane	20.0	11.9		ug/L		59	34 - 153
Ethylbenzene	20.0	21.9		ug/L		109	80 - 121
Isopropylbenzene	20.0	23.4		ug/L		117	74 - 128
Methyl acetate	40.0	28.8		ug/L		72	42 - 169
Methyl tert-butyl ether	20.0	19.1		ug/L		95	65 - 126
Methylcyclohexane	20.0	23.1		ug/L		116	62 - 136
Methylene Chloride	20.0	17.5		ug/L		88	71 - 125
Styrene	20.0	23.2		ug/L		116	80 - 135
Tetrachloroethene	20.0	21.9		ug/L		109	76 - 123
Toluene	20.0	19.7		ug/L		99	80 - 123
trans-1,2-Dichloroethene	20.0	19.6		ug/L		98	75 - 124
trans-1,3-Dichloropropene	20.0	19.8		ug/L		99	57 - 129
Trichloroethene	20.0	21.0		ug/L		105	70 - 122
Trichlorofluoromethane	20.0	23.2		ug/L		116	30 - 170
Vinyl chloride	20.0	15.8		ug/L		79	60 - 144
Xylenes, Total	40.0	44.0		ug/L		110	80 - 121
m-Xylene & p-Xylene	20.0	21.8		ug/L		109	80 - 120
o-Xylene	20.0	22.2		ug/L		111	80 - 123

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
Toluene-d8 (Surr)	*103*		*78 - 122*
Dibromofluoromethane (Surr)	*101*		*73 - 120*
4-Bromofluorobenzene (Surr)	*99*		*56 - 136*
1,2-Dichloroethane-d4 (Surr)	*95*		*62 - 137*

Method: 8270E - Semivolatile Organic Compounds (GC/MS)

Lab Sample ID: MB 240-632015/1-A
Matrix: Water
Analysis Batch: 632401

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 632015

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1'-Biphenyl	ND		1.0	0.49	ug/L		10/23/24 08:12	10/25/24 09:44	1
bis (2-chloroisopropyl) ether	ND		1.0	0.24	ug/L		10/23/24 08:12	10/25/24 09:44	1
2,4,5-Trichlorophenol	ND		5.0	2.0	ug/L		10/23/24 08:12	10/25/24 09:44	1
2,4,6-Trichlorophenol	ND		5.0	1.8	ug/L		10/23/24 08:12	10/25/24 09:44	1
2,4-Dichlorophenol	ND		2.0	0.26	ug/L		10/23/24 08:12	10/25/24 09:44	1
2,4-Dimethylphenol	ND		2.0	0.25	ug/L		10/23/24 08:12	10/25/24 09:44	1
2,4-Dinitrophenol	ND		10	2.6	ug/L		10/23/24 08:12	10/25/24 09:44	1

Method: 8270E - Semivolatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: MB 240-632015/1-A
Matrix: Water
Analysis Batch: 632401

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 632015

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2,4-Dinitrotoluene	ND		5.0	2.1	ug/L		10/23/24 08:12	10/25/24 09:44	1
2,6-Dinitrotoluene	ND		5.0	1.1	ug/L		10/23/24 08:12	10/25/24 09:44	1
2-Chloronaphthalene	ND		1.0	0.23	ug/L		10/23/24 08:12	10/25/24 09:44	1
2-Chlorophenol	ND		1.0	0.27	ug/L		10/23/24 08:12	10/25/24 09:44	1
2-Methylnaphthalene	ND		0.20	0.11	ug/L		10/23/24 08:12	10/25/24 09:44	1
2-Methylphenol	ND		1.0	0.21	ug/L		10/23/24 08:12	10/25/24 09:44	1
2-Nitroaniline	ND		2.0	0.51	ug/L		10/23/24 08:12	10/25/24 09:44	1
2-Nitrophenol	ND		2.0	0.56	ug/L		10/23/24 08:12	10/25/24 09:44	1
3,3'-Dichlorobenzidine	ND		5.0	1.2	ug/L		10/23/24 08:12	10/25/24 09:44	1
3-Nitroaniline	ND		2.0	0.57	ug/L		10/23/24 08:12	10/25/24 09:44	1
4,6-Dinitro-2-methylphenol	ND		5.0	2.8	ug/L		10/23/24 08:12	10/25/24 09:44	1
4-Bromophenyl phenyl ether	ND		2.0	0.50	ug/L		10/23/24 08:12	10/25/24 09:44	1
4-Chloro-3-methylphenol	ND		2.0	0.30	ug/L		10/23/24 08:12	10/25/24 09:44	1
4-Chloroaniline	ND		2.0	0.32	ug/L		10/23/24 08:12	10/25/24 09:44	1
4-Chlorophenyl phenyl ether	ND		2.0	0.55	ug/L		10/23/24 08:12	10/25/24 09:44	1
4-Nitroaniline	ND		2.0	0.33	ug/L		10/23/24 08:12	10/25/24 09:44	1
4-Nitrophenol	ND		10	2.2	ug/L		10/23/24 08:12	10/25/24 09:44	1
Acenaphthene	ND		0.20	0.17	ug/L		10/23/24 08:12	10/25/24 09:44	1
Acenaphthylene	ND		0.20	0.13	ug/L		10/23/24 08:12	10/25/24 09:44	1
Acetophenone	ND		1.0	0.37	ug/L		10/23/24 08:12	10/25/24 09:44	1
Anthracene	ND		0.20	0.14	ug/L		10/23/24 08:12	10/25/24 09:44	1
Atrazine	ND		2.0	0.95	ug/L		10/23/24 08:12	10/25/24 09:44	1
Benzaldehyde	ND		2.0	0.76	ug/L		10/23/24 08:12	10/25/24 09:44	1
Benzo[a]anthracene	ND		0.20	0.068	ug/L		10/23/24 08:12	10/25/24 09:44	1
Benzo[a]pyrene	ND		0.20	0.17	ug/L		10/23/24 08:12	10/25/24 09:44	1
Benzo[b]fluoranthene	ND		0.20	0.15	ug/L		10/23/24 08:12	10/25/24 09:44	1
Benzo[g,h,i]perylene	ND		0.20	0.18	ug/L		10/23/24 08:12	10/25/24 09:44	1
Benzo[k]fluoranthene	ND		0.20	0.14	ug/L		10/23/24 08:12	10/25/24 09:44	1
Bis(2-chloroethoxy)methane	ND		1.0	0.22	ug/L		10/23/24 08:12	10/25/24 09:44	1
Bis(2-chloroethyl)ether	ND		1.0	0.40	ug/L		10/23/24 08:12	10/25/24 09:44	1
Bis(2-ethylhexyl) phthalate	6.08		5.0	2.2	ug/L		10/23/24 08:12	10/25/24 09:44	1
Butyl benzyl phthalate	ND		2.0	0.67	ug/L		10/23/24 08:12	10/25/24 09:44	1
Caprolactam	ND		5.0	3.8	ug/L		10/23/24 08:12	10/25/24 09:44	1
Carbazole	ND		1.0	0.49	ug/L		10/23/24 08:12	10/25/24 09:44	1
Chrysene	ND		0.20	0.066	ug/L		10/23/24 08:12	10/25/24 09:44	1
Dibenz(a,h)anthracene	ND		0.20	0.15	ug/L		10/23/24 08:12	10/25/24 09:44	1
Dibenzofuran	ND		1.0	0.27	ug/L		10/23/24 08:12	10/25/24 09:44	1
Diethyl phthalate	ND		5.0	0.41	ug/L		10/23/24 08:12	10/25/24 09:44	1
Dimethyl phthalate	ND		2.0	0.52	ug/L		10/23/24 08:12	10/25/24 09:44	1
Di-n-butyl phthalate	ND		5.0	1.8	ug/L		10/23/24 08:12	10/25/24 09:44	1
Di-n-octyl phthalate	ND		2.0	0.82	ug/L		10/23/24 08:12	10/25/24 09:44	1
Fluoranthene	ND		0.20	0.16	ug/L		10/23/24 08:12	10/25/24 09:44	1
Fluorene	ND		0.20	0.079	ug/L		10/23/24 08:12	10/25/24 09:44	1
Hexachlorobenzene	ND		0.20	0.16	ug/L		10/23/24 08:12	10/25/24 09:44	1
Hexachlorobutadiene	ND		1.0	0.54	ug/L		10/23/24 08:12	10/25/24 09:44	1
Hexachlorocyclopentadiene	ND		10	1.8	ug/L		10/23/24 08:12	10/25/24 09:44	1
Hexachloroethane	ND		1.0	0.40	ug/L		10/23/24 08:12	10/25/24 09:44	1
Indeno[1,2,3-cd]pyrene	ND		0.20	0.14	ug/L		10/23/24 08:12	10/25/24 09:44	1
Isophorone	ND		1.0	0.32	ug/L		10/23/24 08:12	10/25/24 09:44	1

Method: 8270E - Semivolatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: MB 240-632015/1-A
Matrix: Water
Analysis Batch: 632401

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 632015

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
N-Nitrosodi-n-propylamine	ND		1.0	0.25	ug/L		10/23/24 08:12	10/25/24 09:44	1
N-Nitrosodiphenylamine	ND		1.0	0.44	ug/L		10/23/24 08:12	10/25/24 09:44	1
Naphthalene	ND		0.20	0.11	ug/L		10/23/24 08:12	10/25/24 09:44	1
Nitrobenzene	ND		1.0	0.51	ug/L		10/23/24 08:12	10/25/24 09:44	1
Pentachlorophenol	ND		10	3.1	ug/L		10/23/24 08:12	10/25/24 09:44	1
Phenanthrene	ND		0.20	0.080	ug/L		10/23/24 08:12	10/25/24 09:44	1
Phenol	ND		1.0	0.40	ug/L		10/23/24 08:12	10/25/24 09:44	1
Pyrene	ND		0.20	0.083	ug/L		10/23/24 08:12	10/25/24 09:44	1
3 & 4 Methylphenol	ND		2.0	0.19	ug/L		10/23/24 08:12	10/25/24 09:44	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Terphenyl-d14 (Surr)	*82*		*43 - 136*	*10/23/24 08:12*	*10/25/24 09:44*	*1*
Phenol-d5 (Surr)	*46*		*10 - 120*	*10/23/24 08:12*	*10/25/24 09:44*	*1*
Nitrobenzene-d5 (Surr)	*76*		*40 - 120*	*10/23/24 08:12*	*10/25/24 09:44*	*1*
2-Fluorophenol (Surr)	*73*		*10 - 127*	*10/23/24 08:12*	*10/25/24 09:44*	*1*
2-Fluorobiphenyl (Surr)	*61*		*41 - 120*	*10/23/24 08:12*	*10/25/24 09:44*	*1*
2,4,6-Tribromophenol (Surr)	*73*		*23 - 127*	*10/23/24 08:12*	*10/25/24 09:44*	*1*

Lab Sample ID: LCS 240-632015/2-A
Matrix: Water
Analysis Batch: 632401

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 632015

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
1,1'-Biphenyl	32.0	26.4		ug/L		82	48 - 120
bis (2-chloroisopropyl) ether	32.0	32.7		ug/L		102	34 - 126
2,4,5-Trichlorophenol	32.0	31.5		ug/L		98	51 - 129
2,4,6-Trichlorophenol	32.0	29.8		ug/L		93	51 - 128
2,4-Dichlorophenol	32.0	29.6		ug/L		93	57 - 122
2,4-Dimethylphenol	32.0	19.2		ug/L		60	33 - 120
2,4-Dinitrophenol	64.0	44.6		ug/L		70	27 - 126
2,4-Dinitrotoluene	32.0	31.8		ug/L		99	55 - 131
2,6-Dinitrotoluene	32.0	32.2		ug/L		101	54 - 134
2-Chloronaphthalene	32.0	26.1		ug/L		81	50 - 120
2-Chlorophenol	32.0	29.6		ug/L		92	57 - 120
2-Methylnaphthalene	32.0	25.0		ug/L		78	47 - 120
2-Methylphenol	32.0	28.6		ug/L		90	47 - 120
2-Nitroaniline	32.0	36.1		ug/L		113	51 - 138
2-Nitrophenol	32.0	30.6		ug/L		96	53 - 127
3,3'-Dichlorobenzidine	64.0	56.7		ug/L		89	39 - 150
3-Nitroaniline	32.0	28.4		ug/L		89	13 - 156
4,6-Dinitro-2-methylphenol	64.0	59.5		ug/L		93	45 - 130
4-Bromophenyl phenyl ether	32.0	29.9		ug/L		93	51 - 129
4-Chloro-3-methylphenol	32.0	32.4		ug/L		101	57 - 126
4-Chloroaniline	32.0	4.84		ug/L		15	10 - 120
4-Chlorophenyl phenyl ether	32.0	27.7		ug/L		87	52 - 122
4-Nitroaniline	32.0	34.7		ug/L		108	44 - 156
4-Nitrophenol	64.0	45.1		ug/L		71	14 - 120
Acenaphthene	32.0	26.1		ug/L		82	50 - 120

Method: 8270E - Semivolatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: LCS 240-632015/2-A
Matrix: Water
Analysis Batch: 632401

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 632015

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Acenaphthylene	32.0	28.7		ug/L		90	49 - 120
Acetophenone	32.0	29.2		ug/L		91	52 - 120
Anthracene	32.0	29.1		ug/L		91	55 - 124
Atrazine	32.0	31.5		ug/L		98	50 - 152
Benzaldehyde	32.0	34.5		ug/L		108	36 - 168
Benzo[a]anthracene	32.0	32.0		ug/L		100	55 - 130
Benzo[a]pyrene	32.0	29.6		ug/L		93	51 - 123
Benzo[b]fluoranthene	32.0	32.3		ug/L		101	51 - 130
Benzo[g,h,i]perylene	32.0	32.4		ug/L		101	55 - 135
Benzo[k]fluoranthene	32.0	30.6		ug/L		96	53 - 130
Bis(2-chloroethoxy)methane	32.0	28.8		ug/L		90	50 - 121
Bis(2-chloroethyl)ether	32.0	27.2		ug/L		85	47 - 120
Bis(2-ethylhexyl) phthalate	32.0	37.4		ug/L		117	45 - 142
Butyl benzyl phthalate	32.0	33.9		ug/L		106	48 - 140
Caprolactam	32.0	6.43		ug/L		20	10 - 120
Carbazole	32.0	30.3		ug/L		95	56 - 135
Chrysene	32.0	29.2		ug/L		91	52 - 126
Dibenz(a,h)anthracene	32.0	32.4		ug/L		101	57 - 132
Dibenzofuran	32.0	26.7		ug/L		84	52 - 120
Diethyl phthalate	32.0	30.2		ug/L		94	51 - 127
Dimethyl phthalate	32.0	29.9		ug/L		93	40 - 136
Di-n-butyl phthalate	32.0	34.2		ug/L		107	56 - 138
Di-n-octyl phthalate	32.0	32.4		ug/L		101	45 - 135
Fluoranthene	32.0	31.3		ug/L		98	56 - 135
Fluorene	32.0	27.1		ug/L		85	52 - 124
Hexachlorobenzene	32.0	28.6		ug/L		89	49 - 127
Hexachlorobutadiene	32.0	23.5		ug/L		73	36 - 120
Hexachlorocyclopentadiene	32.0	8.69	J	ug/L		27	10 - 120
Hexachloroethane	32.0	26.5		ug/L		83	39 - 120
Indeno[1,2,3-cd]pyrene	32.0	33.2		ug/L		104	55 - 134
Isophorone	32.0	30.5		ug/L		95	50 - 127
N-Nitrosodi-n-propylamine	32.0	30.2		ug/L		94	49 - 128
N-Nitrosodiphenylamine	32.0	28.2		ug/L		88	53 - 127
Naphthalene	32.0	24.4		ug/L		76	46 - 120
Nitrobenzene	32.0	29.5		ug/L		92	50 - 123
Pentachlorophenol	64.0	44.4		ug/L		69	24 - 124
Phenanthrene	32.0	28.1		ug/L		88	54 - 120
Phenol	32.0	20.9		ug/L		65	10 - 120
Pyrene	32.0	29.7		ug/L		93	53 - 135
3 & 4 Methylphenol	32.0	27.6		ug/L		86	41 - 120

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
Terphenyl-d14 (Surr)	*84*		*43 - 136*
Phenol-d5 (Surr)	*57*		*10 - 120*
Nitrobenzene-d5 (Surr)	*93*		*40 - 120*
2-Fluorophenol (Surr)	*129*	*S1+*	*10 - 127*
2-Fluorobiphenyl (Surr)	*77*		*41 - 120*
2,4,6-Tribromophenol (Surr)	*94*		*23 - 127*

Client: August Mack Environmental, Inc.
Project/Site: MSC Canfield

Job ID: 240-213294-1

Method: 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Lab Sample ID: MB 240-631609/1-A
Matrix: Water
Analysis Batch: 631772

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 631609

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aroclor-1016	ND		0.10	0.056	ug/L		10/21/24 08:36	10/22/24 18:10	1
Aroclor-1221	ND		0.10	0.057	ug/L		10/21/24 08:36	10/22/24 18:10	1
Aroclor-1232	ND		0.10	0.074	ug/L		10/21/24 08:36	10/22/24 18:10	1
Aroclor-1242	ND		0.10	0.076	ug/L		10/21/24 08:36	10/22/24 18:10	1
Aroclor-1248	ND		0.10	0.050	ug/L		10/21/24 08:36	10/22/24 18:10	1
Aroclor-1254	ND		0.10	0.040	ug/L		10/21/24 08:36	10/22/24 18:10	1
Aroclor-1260	ND		0.10	0.046	ug/L		10/21/24 08:36	10/22/24 18:10	1
Aroclor-1262	ND		0.10	0.058	ug/L		10/21/24 08:36	10/22/24 18:10	1
Aroclor-1268	ND		0.10	0.062	ug/L		10/21/24 08:36	10/22/24 18:10	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Tetrachloro-m-xylene	*53*		*10 - 149*	*10/21/24 08:36*	*10/22/24 18:10*	*1*
DCB Decachlorobiphenyl	*82*		*10 - 174*	*10/21/24 08:36*	*10/22/24 18:10*	*1*

Lab Sample ID: LCS 240-631609/2-A
Matrix: Water
Analysis Batch: 631772

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 631609

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
Aroclor-1016			2.50	1.53		ug/L		61	28 - 140		
Aroclor-1260			2.50	1.66		ug/L		66	39 - 153		

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
Tetrachloro-m-xylene	*59*		*10 - 149*
DCB Decachlorobiphenyl	*70*		*10 - 174*

Method: 6010D - Metals (ICP)

Lab Sample ID: MB 240-631646/1-A
Matrix: Water
Analysis Batch: 631887

Client Sample ID: Method Blank
Prep Type: Total Recoverable
Prep Batch: 631646

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	ND		15	4.1	ug/L		10/21/24 14:00	10/22/24 08:59	1
Barium	ND		200	1.3	ug/L		10/21/24 14:00	10/22/24 08:59	1
Cadmium	ND		5.0	0.45	ug/L		10/21/24 14:00	10/22/24 08:59	1
Chromium	ND		10	0.76	ug/L		10/21/24 14:00	10/22/24 08:59	1
Copper	ND		25	3.5	ug/L		10/21/24 14:00	10/22/24 08:59	1
Lead	ND		10	2.8	ug/L		10/21/24 14:00	10/22/24 08:59	1
Selenium	ND		20	6.0	ug/L		10/21/24 14:00	10/22/24 08:59	1
Silver	ND		10	1.4	ug/L		10/21/24 14:00	10/22/24 08:59	1
Zinc	ND		50	23	ug/L		10/21/24 14:00	10/22/24 08:59	1

Method: 6010D - Metals (ICP) (Continued)

Lab Sample ID: LCS 240-631646/2-A
Matrix: Water
Analysis Batch: 631887

Client Sample ID: Lab Control Sample
Prep Type: Total Recoverable
Prep Batch: 631646

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Arsenic	2000	2040		ug/L		102	80 - 120
Barium	2000	1940		ug/L		97	80 - 120
Cadmium	1000	1010		ug/L		101	80 - 120
Chromium	1000	948		ug/L		95	80 - 120
Copper	1000	950		ug/L		95	80 - 120
Lead	1000	959		ug/L		96	80 - 120
Selenium	2000	2070		ug/L		103	80 - 120
Silver	100	98.1		ug/L		98	80 - 120
Zinc	1000	1000		ug/L		100	80 - 120

Method: 7470A - Mercury (CVAA)

Lab Sample ID: MB 240-631651/1-A
Matrix: Water
Analysis Batch: 631951

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 631651

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	ND		0.20	0.13	ug/L		10/21/24 14:00	10/22/24 12:49	1

Lab Sample ID: LCS 240-631651/2-A
Matrix: Water
Analysis Batch: 631951

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 631651

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Mercury	5.00	4.23		ug/L		85	80 - 120

Method: 7196A - Chromium, Hexavalent

Lab Sample ID: MB 240-631280/3
Matrix: Water
Analysis Batch: 631280

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chromium, hexavalent	ND		0.020	0.0070	mg/L			10/17/24 11:07	1

Lab Sample ID: LCS 240-631280/4
Matrix: Water
Analysis Batch: 631280

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Chromium, hexavalent	0.250	0.277		mg/L		111	85 - 115

Lab Sample ID: MB 240-631422/3
Matrix: Water
Analysis Batch: 631422

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chromium, hexavalent	ND		0.020	0.0070	mg/L			10/18/24 09:20	1

Method: 7196A - Chromium, Hexavalent (Continued)

Lab Sample ID: LCS 240-631422/4
Matrix: Water
Analysis Batch: 631422

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
Chromium, hexavalent			0.250	0.271		mg/L		109	85 - 115		

Lab Sample ID: 240-213294-1 MS
Matrix: Water
Analysis Batch: 631422

Client Sample ID: SB-21-GW-18-28
Prep Type: Dissolved

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits		
Chromium, hexavalent	ND		0.250	0.241		mg/L		97	85 - 115		

Lab Sample ID: 240-213294-1 MSD
Matrix: Water
Analysis Batch: 631422

Client Sample ID: SB-21-GW-18-28
Prep Type: Dissolved

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Chromium, hexavalent	ND		0.250	0.243		mg/L		97	85 - 115	1	20

Method: 9012B - Cyanide, Total andor Amenable

Lab Sample ID: MB 240-632506/1-A
Matrix: Water
Analysis Batch: 632661

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 632506

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cyanide, Total	ND		0.010	0.0060	mg/L		10/25/24 11:12	10/25/24 19:38	1

Lab Sample ID: LCS 240-632506/2-A
Matrix: Water
Analysis Batch: 632661

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 632506

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
Cyanide, Total			0.327	0.338		mg/L		103	85 - 115		

Lab Sample ID: MRL 240-632661/10
Matrix: Water
Analysis Batch: 632661

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte			Spike Added	MRL Result	MRL Qualifier	Unit	D	%Rec	%Rec Limits		
Cyanide, Total			0.0100	0.0113		mg/L		113	70 - 130		

Method: OIA-1677 - Cyanide, Free (Flow Injection)

Lab Sample ID: MB 410-570146/17
Matrix: Water
Analysis Batch: 570146

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cyanide, Free	ND		0.0060	0.0050	mg/L			10/31/24 14:26	1

Method: OIA-1677 - Cyanide, Free (Flow Injection) (Continued)

Lab Sample ID: LCS 410-570146/16
Matrix: Water
Analysis Batch: 570146

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
Cyanide, Free			0.0500	0.0469		mg/L		94	82 - 132		

Lab Sample ID: 240-213294-1 MS
Matrix: Water
Analysis Batch: 570146

Client Sample ID: SB-21-GW-18-28
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits		
Cyanide, Free	0.17	F1	0.0500	0.206	F1	mg/L		76	82 - 130		

Lab Sample ID: 240-213294-1 MSD
Matrix: Water
Analysis Batch: 570146

Client Sample ID: SB-21-GW-18-28
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Cyanide, Free	0.17	F1	0.0500	0.207	F1	mg/L		78	82 - 130	1	11

QC Association Summary

Client: August Mack Environmental, Inc.
Project/Site: MSC Canfield

Job ID: 240-213294-1

GC/MS VOA

Analysis Batch: 632801

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
240-213294-5	TB-9	Total/NA	Water	8260D	
240-213294-6	TB-10	Total/NA	Water	8260D	
MB 240-632801/7	Method Blank	Total/NA	Water	8260D	
LCS 240-632801/4	Lab Control Sample	Total/NA	Water	8260D	

Analysis Batch: 632856

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
240-213294-1	SB-21-GW-18-28	Total/NA	Water	8260D	
240-213294-2	SB-13-GW-18-28	Total/NA	Water	8260D	
240-213294-3	SB-22-GW-18-28	Total/NA	Water	8260D	
MB 240-632856/9	Method Blank	Total/NA	Water	8260D	
LCS 240-632856/5	Lab Control Sample	Total/NA	Water	8260D	
LCSD 240-632856/28	Lab Control Sample Dup	Total/NA	Water	8260D	

Analysis Batch: 633276

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
240-213294-2	SB-13-GW-18-28	Total/NA	Water	8260D	
240-213294-4	DUP-1	Total/NA	Water	8260D	
MB 240-633276/9	Method Blank	Total/NA	Water	8260D	
LCS 240-633276/5	Lab Control Sample	Total/NA	Water	8260D	

GC/MS Semi VOA

Prep Batch: 632015

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
240-213294-1	SB-21-GW-18-28	Total/NA	Water	3510C LVI	
240-213294-2	SB-13-GW-18-28	Total/NA	Water	3510C LVI	
240-213294-3	SB-22-GW-18-28	Total/NA	Water	3510C LVI	
240-213294-4	DUP-1	Total/NA	Water	3510C LVI	
MB 240-632015/1-A	Method Blank	Total/NA	Water	3510C LVI	
LCS 240-632015/2-A	Lab Control Sample	Total/NA	Water	3510C LVI	

Analysis Batch: 632401

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
240-213294-1	SB-21-GW-18-28	Total/NA	Water	8270E	632015
240-213294-2	SB-13-GW-18-28	Total/NA	Water	8270E	632015
240-213294-3	SB-22-GW-18-28	Total/NA	Water	8270E	632015
240-213294-4	DUP-1	Total/NA	Water	8270E	632015
MB 240-632015/1-A	Method Blank	Total/NA	Water	8270E	632015
LCS 240-632015/2-A	Lab Control Sample	Total/NA	Water	8270E	632015

GC Semi VOA

Prep Batch: 631609

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
240-213294-1	SB-21-GW-18-28	Total/NA	Water	3510C	
240-213294-2	SB-13-GW-18-28	Total/NA	Water	3510C	
240-213294-3	SB-22-GW-18-28	Total/NA	Water	3510C	
240-213294-4	DUP-1	Total/NA	Water	3510C	
MB 240-631609/1-A	Method Blank	Total/NA	Water	3510C	
LCS 240-631609/2-A	Lab Control Sample	Total/NA	Water	3510C	

GC Semi VOA

Analysis Batch: 631772

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
240-213294-1	SB-21-GW-18-28	Total/NA	Water	8082A	631609
240-213294-2	SB-13-GW-18-28	Total/NA	Water	8082A	631609
240-213294-3	SB-22-GW-18-28	Total/NA	Water	8082A	631609
240-213294-4	DUP-1	Total/NA	Water	8082A	631609
MB 240-631609/1-A	Method Blank	Total/NA	Water	8082A	631609
LCS 240-631609/2-A	Lab Control Sample	Total/NA	Water	8082A	631609

Metals

Prep Batch: 631646

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
240-213294-1	SB-21-GW-18-28	Dissolved	Water	3005A	
240-213294-1	SB-21-GW-18-28	Total Recoverable	Water	3005A	
240-213294-2	SB-13-GW-18-28	Dissolved	Water	3005A	
240-213294-2	SB-13-GW-18-28	Total Recoverable	Water	3005A	
240-213294-3	SB-22-GW-18-28	Dissolved	Water	3005A	
240-213294-3	SB-22-GW-18-28	Total Recoverable	Water	3005A	
240-213294-4	DUP-1	Dissolved	Water	3005A	
240-213294-4	DUP-1	Total Recoverable	Water	3005A	
MB 240-631646/1-A	Method Blank	Total Recoverable	Water	3005A	
LCS 240-631646/2-A	Lab Control Sample	Total Recoverable	Water	3005A	

Prep Batch: 631651

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
240-213294-1	SB-21-GW-18-28	Dissolved	Water	7470A	
240-213294-1	SB-21-GW-18-28	Total/NA	Water	7470A	
240-213294-2	SB-13-GW-18-28	Dissolved	Water	7470A	
240-213294-2	SB-13-GW-18-28	Total/NA	Water	7470A	
240-213294-3	SB-22-GW-18-28	Dissolved	Water	7470A	
240-213294-3	SB-22-GW-18-28	Total/NA	Water	7470A	
240-213294-4	DUP-1	Dissolved	Water	7470A	
240-213294-4	DUP-1	Total/NA	Water	7470A	
MB 240-631651/1-A	Method Blank	Total/NA	Water	7470A	
LCS 240-631651/2-A	Lab Control Sample	Total/NA	Water	7470A	

Analysis Batch: 631887

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
240-213294-1	SB-21-GW-18-28	Dissolved	Water	6010D	631646
240-213294-1	SB-21-GW-18-28	Total Recoverable	Water	6010D	631646
240-213294-2	SB-13-GW-18-28	Dissolved	Water	6010D	631646
240-213294-2	SB-13-GW-18-28	Total Recoverable	Water	6010D	631646
240-213294-3	SB-22-GW-18-28	Dissolved	Water	6010D	631646
240-213294-3	SB-22-GW-18-28	Total Recoverable	Water	6010D	631646
240-213294-4	DUP-1	Dissolved	Water	6010D	631646
240-213294-4	DUP-1	Total Recoverable	Water	6010D	631646
MB 240-631646/1-A	Method Blank	Total Recoverable	Water	6010D	631646
LCS 240-631646/2-A	Lab Control Sample	Total Recoverable	Water	6010D	631646

Analysis Batch: 631951

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
240-213294-1	SB-21-GW-18-28	Dissolved	Water	7470A	631651

Metals (Continued)

Analysis Batch: 631951 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
240-213294-1	SB-21-GW-18-28	Total/NA	Water	7470A	631651
240-213294-2	SB-13-GW-18-28	Dissolved	Water	7470A	631651
240-213294-2	SB-13-GW-18-28	Total/NA	Water	7470A	631651
240-213294-3	SB-22-GW-18-28	Dissolved	Water	7470A	631651
240-213294-3	SB-22-GW-18-28	Total/NA	Water	7470A	631651
240-213294-4	DUP-1	Dissolved	Water	7470A	631651
240-213294-4	DUP-1	Total/NA	Water	7470A	631651
MB 240-631651/1-A	Method Blank	Total/NA	Water	7470A	631651
LCS 240-631651/2-A	Lab Control Sample	Total/NA	Water	7470A	631651

General Chemistry

Analysis Batch: 570146

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
240-213294-1	SB-21-GW-18-28	Total/NA	Water	OIA-1677	
240-213294-2	SB-13-GW-18-28	Total/NA	Water	OIA-1677	
240-213294-3	SB-22-GW-18-28	Total/NA	Water	OIA-1677	
240-213294-4	DUP-1	Total/NA	Water	OIA-1677	
MB 410-570146/17	Method Blank	Total/NA	Water	OIA-1677	
LCS 410-570146/16	Lab Control Sample	Total/NA	Water	OIA-1677	
240-213294-1 MS	SB-21-GW-18-28	Total/NA	Water	OIA-1677	
240-213294-1 MSD	SB-21-GW-18-28	Total/NA	Water	OIA-1677	

Analysis Batch: 631280

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
240-213294-4	DUP-1	Dissolved	Water	7196A	
240-213294-4	DUP-1	Total/NA	Water	7196A	
MB 240-631280/3	Method Blank	Total/NA	Water	7196A	
LCS 240-631280/4	Lab Control Sample	Total/NA	Water	7196A	

Analysis Batch: 631422

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
240-213294-1	SB-21-GW-18-28	Dissolved	Water	7196A	
240-213294-1	SB-21-GW-18-28	Total/NA	Water	7196A	
240-213294-2	SB-13-GW-18-28	Dissolved	Water	7196A	
240-213294-2	SB-13-GW-18-28	Total/NA	Water	7196A	
240-213294-3	SB-22-GW-18-28	Dissolved	Water	7196A	
240-213294-3	SB-22-GW-18-28	Total/NA	Water	7196A	
MB 240-631422/3	Method Blank	Total/NA	Water	7196A	
LCS 240-631422/4	Lab Control Sample	Total/NA	Water	7196A	
240-213294-1 MS	SB-21-GW-18-28	Dissolved	Water	7196A	
240-213294-1 MSD	SB-21-GW-18-28	Dissolved	Water	7196A	

Prep Batch: 632506

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
240-213294-1	SB-21-GW-18-28	Total/NA	Water	9012B	
240-213294-2	SB-13-GW-18-28	Total/NA	Water	9012B	
240-213294-3	SB-22-GW-18-28	Total/NA	Water	9012B	
240-213294-4	DUP-1	Total/NA	Water	9012B	
MB 240-632506/1-A	Method Blank	Total/NA	Water	9012B	
LCS 240-632506/2-A	Lab Control Sample	Total/NA	Water	9012B	

QC Association Summary

Client: August Mack Environmental, Inc.
Project/Site: MSC Canfield

Job ID: 240-213294-1

General Chemistry

Analysis Batch: 632661

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
240-213294-1	SB-21-GW-18-28	Total/NA	Water	9012B	632506
240-213294-2	SB-13-GW-18-28	Total/NA	Water	9012B	632506
240-213294-3	SB-22-GW-18-28	Total/NA	Water	9012B	632506
240-213294-4	DUP-1	Total/NA	Water	9012B	632506
MB 240-632506/1-A	Method Blank	Total/NA	Water	9012B	632506
LCS 240-632506/2-A	Lab Control Sample	Total/NA	Water	9012B	632506
MRL 240-632661/10	Lab Control Sample	Total/NA	Water	9012B	

Lab Chronicle

Client: August Mack Environmental, Inc.
Project/Site: MSC Canfield

Job ID: 240-213294-1

Client Sample ID: SB-21-GW-18-28

Lab Sample ID: 240-213294-1

Date Collected: 10/17/24 09:50
Date Received: 10/17/24 16:04

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260D		1	632856	AJS	EET CLE	10/29/24 18:23
Total/NA	Prep	3510C LVI			632015	GBS	EET CLE	10/23/24 08:12
Total/NA	Analysis	8270E		1	632401	MRU	EET CLE	10/25/24 12:02
Total/NA	Prep	3510C			631609	GBS	EET CLE	10/21/24 08:36
Total/NA	Analysis	8082A		1	631772	MBB	EET CLE	10/22/24 20:04
Dissolved	Prep	3005A			631646	GK	EET CLE	10/21/24 14:00
Dissolved	Analysis	6010D		1	631887	RKT	EET CLE	10/22/24 11:34
Total Recoverable	Prep	3005A			631646	GK	EET CLE	10/21/24 14:00
Total Recoverable	Analysis	6010D		1	631887	RKT	EET CLE	10/22/24 11:30
Dissolved	Prep	7470A			631651	GK	EET CLE	10/21/24 14:00
Dissolved	Analysis	7470A		1	631951	S4FJ	EET CLE	10/22/24 13:13
Total/NA	Prep	7470A			631651	GK	EET CLE	10/21/24 14:00
Total/NA	Analysis	7470A		1	631951	S4FJ	EET CLE	10/22/24 13:11
Dissolved	Analysis	7196A		1	631422	AAP	EET CLE	10/18/24 09:21
Total/NA	Analysis	7196A		5	631422	AAP	EET CLE	10/18/24 09:14
Total/NA	Prep	9012B			632506	C5SV	EET CLE	10/25/24 11:12
Total/NA	Analysis	9012B		1	632661	C5SV	EET CLE	10/25/24 21:10
Total/NA	Analysis	OIA-1677		1	570146	UJE2	ELLE	10/31/24 14:29

Client Sample ID: SB-13-GW-18-28

Lab Sample ID: 240-213294-2

Date Collected: 10/17/24 11:05
Date Received: 10/17/24 16:04

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260D		1	632856	AJS	EET CLE	10/29/24 18:47
Total/NA	Analysis	8260D		2	633276	AJS	EET CLE	10/31/24 16:39
Total/NA	Prep	3510C LVI			632015	GBS	EET CLE	10/23/24 08:12
Total/NA	Analysis	8270E		1	632401	MRU	EET CLE	10/25/24 12:25
Total/NA	Prep	3510C			631609	GBS	EET CLE	10/21/24 08:36
Total/NA	Analysis	8082A		1	631772	MBB	EET CLE	10/22/24 20:18
Dissolved	Prep	3005A			631646	GK	EET CLE	10/21/24 14:00
Dissolved	Analysis	6010D		1	631887	RKT	EET CLE	10/22/24 11:44
Total Recoverable	Prep	3005A			631646	GK	EET CLE	10/21/24 14:00
Total Recoverable	Analysis	6010D		1	631887	RKT	EET CLE	10/22/24 11:39
Dissolved	Prep	7470A			631651	GK	EET CLE	10/21/24 14:00
Dissolved	Analysis	7470A		1	631951	S4FJ	EET CLE	10/22/24 13:16
Total/NA	Prep	7470A			631651	GK	EET CLE	10/21/24 14:00
Total/NA	Analysis	7470A		1	631951	S4FJ	EET CLE	10/22/24 13:15
Dissolved	Analysis	7196A		1	631422	AAP	EET CLE	10/18/24 09:14
Total/NA	Analysis	7196A		1	631422	AAP	EET CLE	10/18/24 09:14
Total/NA	Prep	9012B			632506	C5SV	EET CLE	10/25/24 11:12
Total/NA	Analysis	9012B		1	632661	C5SV	EET CLE	10/25/24 21:11
Total/NA	Analysis	OIA-1677		1	570146	UJE2	ELLE	10/31/24 14:36

Lab Chronicle

Client: August Mack Environmental, Inc.
Project/Site: MSC Canfield

Job ID: 240-213294-1

Client Sample ID: SB-22-GW-18-28

Lab Sample ID: 240-213294-3

Date Collected: 10/17/24 13:00
Date Received: 10/17/24 16:04

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260D		1	632856	AJS	EET CLE	10/29/24 19:10
Total/NA	Prep	3510C LVI			632015	GBS	EET CLE	10/23/24 08:12
Total/NA	Analysis	8270E		1	632401	MRU	EET CLE	10/25/24 12:48
Total/NA	Prep	3510C			631609	GBS	EET CLE	10/21/24 08:36
Total/NA	Analysis	8082A		1	631772	MBB	EET CLE	10/22/24 20:33
Dissolved	Prep	3005A			631646	GK	EET CLE	10/21/24 14:00
Dissolved	Analysis	6010D		1	631887	RKT	EET CLE	10/22/24 12:01
Total Recoverable	Prep	3005A			631646	GK	EET CLE	10/21/24 14:00
Total Recoverable	Analysis	6010D		1	631887	RKT	EET CLE	10/22/24 11:48
Dissolved	Prep	7470A			631651	GK	EET CLE	10/21/24 14:00
Dissolved	Analysis	7470A		1	631951	S4FJ	EET CLE	10/22/24 13:20
Total/NA	Prep	7470A			631651	GK	EET CLE	10/21/24 14:00
Total/NA	Analysis	7470A		1	631951	S4FJ	EET CLE	10/22/24 13:18
Dissolved	Analysis	7196A		1	631422	AAP	EET CLE	10/18/24 09:14
Total/NA	Analysis	7196A		1	631422	AAP	EET CLE	10/18/24 09:14
Total/NA	Prep	9012B			632506	C5SV	EET CLE	10/25/24 11:12
Total/NA	Analysis	9012B		1	632661	C5SV	EET CLE	10/25/24 21:13
Total/NA	Analysis	OIA-1677		1	570146	UJE2	ELLE	10/31/24 14:39

Client Sample ID: DUP-1

Lab Sample ID: 240-213294-4

Date Collected: 10/17/24 00:00
Date Received: 10/17/24 16:04

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260D		1	633276	AJS	EET CLE	10/31/24 14:15
Total/NA	Prep	3510C LVI			632015	GBS	EET CLE	10/23/24 08:12
Total/NA	Analysis	8270E		1	632401	MRU	EET CLE	10/25/24 13:11
Total/NA	Prep	3510C			631609	GBS	EET CLE	10/21/24 08:36
Total/NA	Analysis	8082A		1	631772	MBB	EET CLE	10/22/24 20:47
Dissolved	Prep	3005A			631646	GK	EET CLE	10/21/24 14:00
Dissolved	Analysis	6010D		1	631887	RKT	EET CLE	10/22/24 12:10
Total Recoverable	Prep	3005A			631646	GK	EET CLE	10/21/24 14:00
Total Recoverable	Analysis	6010D		1	631887	RKT	EET CLE	10/22/24 12:06
Dissolved	Prep	7470A			631651	GK	EET CLE	10/21/24 14:00
Dissolved	Analysis	7470A		1	631951	S4FJ	EET CLE	10/22/24 13:23
Total/NA	Prep	7470A			631651	GK	EET CLE	10/21/24 14:00
Total/NA	Analysis	7470A		1	631951	S4FJ	EET CLE	10/22/24 13:22
Dissolved	Analysis	7196A		1	631280	AAP	EET CLE	10/17/24 16:50
Total/NA	Analysis	7196A		1	631280	AAP	EET CLE	10/17/24 16:50
Total/NA	Prep	9012B			632506	C5SV	EET CLE	10/25/24 11:12
Total/NA	Analysis	9012B		1	632661	C5SV	EET CLE	10/25/24 21:15
Total/NA	Analysis	OIA-1677		1	570146	UJE2	ELLE	10/31/24 14:41

Lab Chronicle

Client: August Mack Environmental, Inc.
Project/Site: MSC Canfield

Job ID: 240-213294-1

Client Sample ID: TB-9

Lab Sample ID: 240-213294-5

Date Collected: 10/17/24 00:00

Matrix: Water

Date Received: 10/17/24 16:04

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260D		1	632801	LEE	EET CLE	10/29/24 02:06

Client Sample ID: TB-10

Lab Sample ID: 240-213294-6

Date Collected: 10/17/24 00:00

Matrix: Water

Date Received: 10/17/24 16:04

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260D		1	632801	LEE	EET CLE	10/29/24 02:26

Laboratory References:

EET CLE = Eurofins Cleveland, 180 S. Van Buren Avenue, Barberton, OH 44203, TEL (330)497-9396

ELLE = Eurofins Lancaster Laboratories Environment Testing, LLC, 2425 New Holland Pike, Lancaster, PA 17601, TEL (717)656-2300

Accreditation/Certification Summary

Client: August Mack Environmental, Inc.
Project/Site: MSC Canfield

Job ID: 240-213294-1

Laboratory: Eurofins Cleveland

All accreditations/certifications held by this laboratory are listed. Not all accreditations/certifications are applicable to this report.

Authority	Program	Identification Number	Expiration Date
California	State	2927	02-28-25
Connecticut	State	PH-0806	12-31-26
Georgia	State	4062	02-27-25
Illinois	NELAP	200004	08-31-25
Iowa	State	421	06-01-25
Kentucky (UST)	State	112225	02-27-25
Kentucky (WW)	State	KY98016	12-30-24
Minnesota	NELAP	039-999-348	12-31-24
New Hampshire	NELAP	225024	09-30-25
New Jersey	NELAP	OH001	07-03-25
New York	NELAP	10975	04-02-25
Ohio VAP	State	ORELAP 4062	02-27-25
Oregon	NELAP	4062	02-27-25
Pennsylvania	NELAP	68-00340	08-31-25
Texas	NELAP	T104704517-22-19	08-31-25
USDA	US Federal Programs	P330-18-00281	01-05-27
Virginia	NELAP	460175	09-14-25
West Virginia DEP	State	210	12-31-24

Laboratory: Eurofins Lancaster Laboratories Environment Testing, LLC

All accreditations/certifications held by this laboratory are listed. Not all accreditations/certifications are applicable to this report.

Authority	Program	Identification Number	Expiration Date
A2LA	Dept. of Defense ELAP	0001.01	11-30-26
A2LA	ISO/IEC 17025	0001.01	11-30-26
Alabama	State	43200	01-31-25
Alaska	State	PA00009	06-30-25
Alaska (UST)	State	17-027	02-28-25
Arizona	State	AZ0780	03-12-25
Arkansas DEQ	State	88-00660	08-09-25
California	State	2792	11-30-24
Colorado	State	PA00009	06-30-25
Connecticut	State	PH-0746	06-30-25
DE Haz. Subst. Cleanup Act (HSCA)	State	019-006 (PA cert)	01-31-25
Delaware (DW)	State	N/A	01-31-25
Florida	NELAP	E87997	06-30-25
Georgia (DW)	State	C048	01-31-25
Hawaii	State	N/A	01-31-25
Illinois	NELAP	200027	01-31-25
Iowa	State	361	03-01-26
Kansas	NELAP	E-10151	10-31-24
Kentucky (DW)	State	KY90088	12-31-24
Kentucky (UST)	State	0001.01	11-30-26
Kentucky (WW)	State	KY90088	12-31-24
Louisiana (All)	NELAP	02055	06-30-25
Maine	State	2019012	03-12-25
Maryland	State	100	06-30-25
Massachusetts	State	M-PA009	06-30-25
Michigan	State	9930	01-31-25
Minnesota	NELAP	042-999-487	12-31-24

Accreditation/Certification Summary

Client: August Mack Environmental, Inc.
Project/Site: MSC Canfield

Job ID: 240-213294-1

Laboratory: Eurofins Lancaster Laboratories Environment Testing, LLC (Continued)

All accreditations/certifications held by this laboratory are listed. Not all accreditations/certifications are applicable to this report.

Authority	Program	Identification Number	Expiration Date
Mississippi	State	023	01-31-25
Missouri	State	450	01-31-25
Montana (DW)	State	0098	01-01-25
Nebraska	State	NE-OS-32-17	01-31-25
New Hampshire	NELAP	2730	01-10-25
New Jersey	NELAP	PA011	06-30-25
New York	NELAP	10670	04-01-25
North Carolina (DW)	State	42705	07-31-25
North Carolina (WW/SW)	State	521	12-31-25
North Dakota	State	R-205	01-31-24 *
Oklahoma	NELAP	9804	08-31-24 *
Oregon	NELAP	PA200001	09-11-25
Pennsylvania	NELAP	36-00037	01-31-25
Quebec Ministry of Environment and Fight against Climate Change	PALA	507	09-16-29
Rhode Island	State	LAO00338	12-30-24
South Carolina	State	89002	01-31-25
Tennessee	State	02838	01-31-25
Texas	NELAP	T104704194-23-46	08-31-25
USDA	US Federal Programs	525-22-298-19481	10-25-25
Vermont	State	VT - 36037	10-28-25
Virginia	NELAP	460182	06-14-25
Washington	State	C457	04-11-25
West Virginia (DW)	State	9906 C	01-31-25
West Virginia DEP	State	055	07-31-25
Wyoming	State	8TMS-L	01-31-25
Wyoming (UST)	A2LA	0001.01	11-30-26

* Accreditation/Certification renewal pending - accreditation/certification considered valid.

Chain of Custody Record

Address: _____

_____

_____

Regulatory Program: ☐ DW ☐ NPDES ☐ RCRA ☐ Other:

eurofins | Environment Testing America

TAL-8210

Client Contact	Project Manager: Kain Lager-Lowe	Site Contact:	Date:	COC No:
Company Name: AME	Tel/Email: 740-548-1515	Lab Contact:	Carrier:	1 of 1 COCs
Address: 7830 N. Central Dr. STE B	Analysis Turnaround Time			Sampler:
City/State/Zip: Lewis Center OH, 43035	☐ CALENDAR DAYS ☐ WORKING DAYS			For Lab Use Only:
Phone: 740-548-1515	TAT if different from Below 3 day			Walk-in Client:
Fax:	☐ 2 weeks			Lab Sampling:
Project Name:	☐ 1 week			Job / SDG No.:
Site: MSC Canfield	☐ 2 days			
PO# JY2380	☐ 1 day			

Sample Identification	Sample Date	Sample Time	Sample Type (C=Comp, G=Grab)	Matrix	# of Cont.	Filtered Sample (Y/N)	Perform MS/MSD (Y/N)	8260D - VOCs	8270E - SVOCs	8082A - PCBs	9012B - Total Cyanid	1677 - Free Cyanid	6010D/7470A - Total	7196A - Total - Hexavalent Chromium	6010D/7470A - Dissolved RCRA8, Cu, Zn	7196A - Dissolved Hexavalent Chromium Field Filtered	Sample Specific Notes:
SB-21-GW-18-28	10/17	0950	G	WT	13	X		X	X	X	X	X	X	X	X	X	
SB-13-GW-18-28	10/17	1105	G	WT	13	X		X	X	X	X	X	X	X	X	X	
SB-22-GW-18-28	10/17	1300	G	WT	13	X		X	X	X	X	X	X	X	X	X	
DUP-1	10/17	—	G	WT	13	X		X	X	X	X	X	X	X	X	X	
[redacted] TB-9	—	—	—	WT	1			X									
[redacted] TB-10	—	—	—	WT	1			X									

240-213294 COC

Preservation Used: 1= Ice, 2= HCl; 3= H2SO4; 4=HNO3; 5=NaOH; 6= Other _____

Possible Hazard Identification:
Are any samples from a listed EPA Hazardous Waste? Please List any EPA Waste Codes for the sample in the Comments Section if the lab is to dispose of the sample.

☐ Non-Hazard ☐ Flammable ☐ Skin Irritant ☐ Poison B ☐ Unknown

Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)

☐ Return to Client ☐ Disposal by Lab ☐ Archive for _____ Months

Special Instructions/QC Requirements & Comments:

Custody Seals Intact: ☐ Yes ☐ No	Custody Seal No.:	Cooler Temp. (°C): Obs'd: _____ Corr'd: _____	Therm ID No.: _____

Relinquished by:	Company:	Date/Time:	Received by:	Company:	Date/Time:
[signature]	AME	10/17 1450	[signature]	EVR	10/17/24 1450
Relinquished by: [signature]	Company: EVR	Date/Time: 10/17/24 1604	Received by: JMOROSKO	Company: EEANC	Date/Time: 10/17/24 1604
Relinquished by:	Company:	Date/Time:	Received in Laboratory by:	Company:	Date/Time:

Eurofins – Cleveland Sample Receipt Form/Narrative **Login # :** _____
Barberton Facility

Client AME Site Name _____ Cooler unpacked by: JMOROSKO

Cooler Received on 10/17/24 Opened on 10/18/24

FedEx: 1st Grd Exp UPS FAS Waypoint Client Drop Off Eurofins Courier Other _____

Receipt After-hours: Drop-off Date/Time _____ Storage Location _____

Eurofins Cooler # EC Foam Box Client Cooler Box Other _____

Packing material used: Bubble Wrap Foam Plastic Bag None Other _____

COOLANT: Wet Ice Blue Ice Dry Ice Water None

1. Cooler temperature upon receipt X See Multiple Cooler Form
   IR GUN # 24 (CF 0.0 °C) Observed Cooler Temp. _____ °C Corrected Cooler Temp. _____ °C

2. Were tamper/custody seals on the outside of the cooler(s)? If Yes Quantity _____	Yes	No
-Were the seals on the outside of the cooler(s) signed & dated?	Yes	No NA
-Were tamper/custody seals on the bottle(s) or bottle kits (LLHg/MeHg)?	Yes	No
-Were tamper/custody seals intact and uncompromised?	Yes	No NA
3. Shippers' packing slip attached to the cooler(s)?	Yes	No
4. Did custody papers accompany the sample(s)?	Yes	No
5. Were the custody papers relinquished & signed in the appropriate place?	Yes	No
6. Was/were the person(s) who collected the samples clearly identified on the COC?	Yes	No
7. Did all bottles arrive in good condition (Unbroken)?	Yes	No
8. Could all bottle labels (ID/Date/Time) be reconciled with the COC?	Yes	No
9. For each sample, does the COC specify preservatives (Y/N), # of containers (Y/N), and sample type of grab/comp (Y/N)?		
10. Were correct bottle(s) used for the test(s) indicated? JM 10.18	Yes	No
11. Sufficient quantity received to perform indicated analyses?	Yes	No
12. Are these work share samples and all listed on the COC?	Yes	No
If yes, Questions 13-17 have been checked at the originating laboratory.		
13. Were all preserved sample(s) at the correct pH upon receipt?	Yes	No NA pH Strip Lot# HC447997
14. Were VOAs on the COC?	Yes	No
15. Were air bubbles >6 mm in any VOA vials? ● ⬅ Larger than this.	Yes	No NA
16. Was a VOA trip blank present in the cooler(s)? Trip Blank Lot # 0041301LC	Yes	No
17. Was a LL Hg or Me Hg trip blank present? _____	Yes	No

Tests that are not checked for pH by Receiving:
VOAs
Oil and Grease
TOC

Contacted PM _____ Date _____ by _____ via Verbal Voice Mail Other

Concerning _____

18. CHAIN OF CUSTODY & SAMPLE DISCREPANCIES ☐ additional next page

Samples processed by:

did not receive the correct bottles for total cyanide test. Once speaking with PM. We split off from the NaOH bottle received. for all samples except TBs. (JM)

19. SAMPLE CONDITION

Sample(s) _____ were received after the recommended holding time had expired.
Sample(s) _____ were received in a broken container.
Sample(s) _____ were received with bubble >6 mm in diameter. (Notify PM)

20. SAMPLE PRESERVATION

Sample(s) _____ were further preserved in the laboratory.
Time preserved: _____ Preservative(s) added/Lot number(s): _____

VOA Sample Preservation - Date/Time VOAs Frozen: _____

Login # : _____

Eurofins - Cleveland Sample Receipt Multiple Cooler Form

Cooler Description (Circle)	IR Gun # (Circle)	Observed Temp °C	Corrected Temp °C	Coolant (Circle)
(EC) Client Box Other	IR GUN #: 24	3.2	3.2	(Wet Ice) Blue Ice Dry Ice Water None
(EC) Client Box Other	IR GUN #: 24	4.1	4.1	(Wet Ice) Blue Ice Dry Ice Water None
EC Client Box Other	IR GUN #:			Wet Ice

10/18/2024

Login Container Summary Report

240-213294

11/5/2024

Temperature readings: _____

Client Sample ID	Lab ID	Container Type	Container pH	Container Temp	Preservation Added	Preservation Lot Number
SB-21-GW-18-28	240-213294-A-1	Voa Vial 40ml - Hydrochloric Acid				
SB-21-GW-18-28	240-213294-B-1	Voa Vial 40ml - Hydrochloric Acid				
SB-21-GW-18-28	240-213294-C-1	Voa Vial 40ml - Hydrochloric Acid				
SB-21-GW-18-28	240-213294-D-1	Amber Plastic 125 mL - NaOH	>12			
SB-21-GW-18-28	240-213294-E-1	Plastic 250ml - with Sodium Hydroxide	>12			
SB-21-GW-18-28	240-213294-F-1	Amber Glass 250ml - unpreserved				
SB-21-GW-18-28	240-213294-G-1	Amber Glass 250ml - unpreserved				
SB-21-GW-18-28	240-213294-H-1	Plastic 500ml - unpreserved				
SB-21-GW-18-28	240-213294-I-1	Plastic 500 mL - unpreserved - dis				
SB-21-GW-18-28	240-213294-J-1	Plastic 500ml - with Nitric Acid	<2			
SB-21-GW-18-28	240-213294-K-1	Plastic 500ml - w/ Nitric - Dis.	<2			
SB-21-GW-18-28	240-213294-L-1	Amber Glass 1 liter - unpreserved				
SB-21-GW-18-28	240-213294-M-1	Amber Glass 1 liter - unpreserved				
SB-13-GW-18-28	240-213294-A-2	Voa Vial 40ml - Hydrochloric Acid				
SB-13-GW-18-28	240-213294-B-2	Voa Vial 40ml - Hydrochloric Acid				
SB-13-GW-18-28	240-213294-C-2	Voa Vial 40ml - Hydrochloric Acid				
SB-13-GW-18-28	240-213294-D-2	Amber Plastic 125 mL - NaOH	>12			
SB-13-GW-18-28	240-213294-E-2	Plastic 250ml - with Sodium Hydroxide	>12			
SB-13-GW-18-28	240-213294-F-2	Amber Glass 250ml - unpreserved				
SB-13-GW-18-28	240-213294-G-2	Amber Glass 250ml - unpreserved				
SB-13-GW-18-28	240-213294-H-2	Plastic 500ml - unpreserved				
SB-13-GW-18-28	240-213294-I-2	Plastic 500 mL - unpreserved - dis				
SB-13-GW-18-28	240-213294-J-2	Plastic 500ml - with Nitric Acid	<2			
SB-13-GW-18-28	240-213294-K-2	Plastic 500ml - w/ Nitric - Dis.	<2			
SB-13-GW-18-28	240-213294-L-2	Amber Glass 1 liter - unpreserved				
SB-13-GW-18-28	240-213294-M-2	Amber Glass 1 liter - unpreserved				
SB-22-GW-18-28	240-213294-A-3	Voa Vial 40ml - Hydrochloric Acid				
SB-22-GW-18-28	240-213294-B-3	Voa Vial 40ml - Hydrochloric Acid				
SB-22-GW-18-28	240-213294-C-3	Voa Vial 40ml - Hydrochloric Acid				
SB-22-GW-18-28	240-213294-D-3	Amber Plastic 125 mL - NaOH	>12			
SB-22-GW-18-28	240-213294-E-3	Plastic 250ml - with Sodium Hydroxide	>12			
SB-22-GW-18-28	240-213294-F-3	Amber Glass 250ml - unpreserved				
SB-22-GW-18-28	240-213294-G-3	Amber Glass 250ml - unpreserved				
SB-22-GW-18-28	240-213294-H-3	Plastic 500ml - unpreserved				
SB-22-GW-18-28	240-213294-I-3	Plastic 500 mL - unpreserved - dis				

11/5/2024

Client Sample ID	Lab ID	Container Type	Container pH	Container Temp	Preservation Added	Preservation Lot Number
SB-22-GW-18-28	240-213294-J-3	Plastic 500ml - with Nitric Acid	<2			
SB-22-GW-18-28	240-213294-K-3	Plastic 500ml - w/ Nitric - Dis.	<2			
SB-22-GW-18-28	240-213294-L-3	Amber Glass 1 liter - unpreserved				
SB-22-GW-18-28	240-213294-M-3	Amber Glass 1 liter - unpreserved				
DUP-1	240-213294-A-4	Voa Vial 40ml - Hydrochloric Acid				
DUP-1	240-213294-B-4	Voa Vial 40ml - Hydrochloric Acid				
DUP-1	240-213294-C-4	Voa Vial 40ml - Hydrochloric Acid				
DUP-1	240-213294-D-4	Amber Plastic 125 mL - NaOH	>12			
DUP-1	240-213294-E-4	Plastic 250ml - with Sodium Hydroxide	>12			
DUP-1	240-213294-F-4	Amber Glass 250ml - unpreserved				
DUP-1	240-213294-G-4	Amber Glass 250ml - unpreserved				
DUP-1	240-213294-H-4	Plastic 500ml - unpreserved				
DUP-1	240-213294-I-4	Plastic 500 mL - unpreserved - dis				
DUP-1	240-213294-J-4	Plastic 500ml - with Nitric Acid	<2			
DUP-1	240-213294-K-4	Plastic 500ml - w/ Nitric - Dis.	<2			
DUP-1	240-213294-L-4	Amber Glass 1 liter - unpreserved				
DUP-1	240-213294-M-4	Amber Glass 1 liter - unpreserved				
TB-9	240-213294-A-5	Voa Vial 40ml - Hydrochloric Acid				
TB-10	240-213294-A-6	Voa Vial 40ml - Hydrochloric Acid				

Eurofins Cleveland
180 S. Van Buren Avenue
Barberton, OH 44203
Phone: 330-497-9396 Fax: 330-497-0772

Chain of Custody Record

eurofins | Environment Testing

Client Information (Sub Contract Lab)	Sampler: N/A	Lab PM: Kalis, Nicole A	Carrier Tracking No(s): N/A	COC No: 240-192441.1
Client Contact: Shipping/Receiving	Phone: N/A	E-Mail: Nicole.Kalis@et.eurofinsus.com	State of Origin: Ohio	Page: Page 1 of 1
Company: Eurofins Lancaster Laboratories Environm		Accreditations Required (See note): N/A		Job #: 240-213294-1
Address: 2425 New Holland Pike, ,	Due Date Requested: 10/30/2024			Preservation Codes: -
City: Lancaster	TAT Requested (days): N/A			
State, Zip: PA, 17601				
Phone: 717-656-2300(Tel)	PO #: N/A			
Email: N/A	WO #: N/A			
Project Name: MSC Canfield	Project #: 24033889			
Site: N/A	SSOW#: N/A			Other: N/A

Analysis Requested

Sample Identification - Client ID (Lab ID)	Sample Date	Sample Time	Sample Type (C=Comp, G=grab)	Matrix (W=water, S=solid, O=waste/oil, BT=Tissue, A=Air)	Field Filtered Sample (Yes or No)	Perform MS/MSD (Yes or No)	1677_Free/ Cyanide, Free	Total Number of containers	Special Instructions/Note:
			Preservation Code:						
SB-13-GW-18-28 (240-213294-2)	10/17/24	11:05 Eastern	G	Water			X	1	Use caution! Site contaminated with solvent waste
SB-22-GW-18-28 (240-213294-3)	10/17/24	13:00 Eastern	G	Water			X	1	Use caution! Site contaminated with solvent waste
DUP-1 (240-213294-4)	10/17/24	Eastern	G	Water			X	1	Use caution! Site contaminated with solvent waste

Note: Since laboratory accreditations are subject to change, Eurofins Environment Testing North Central, LLC places the ownership of method, analyte & accreditation compliance upon our subcontract laboratories. This sample shipment is forwarded under chain-of-custody. If the laboratory does not currently maintain accreditation in the State of Origin listed above for analysis/tests/matrix being analyzed, the samples must be shipped back to the Eurofins Environment Testing North Central, LLC laboratory or other instructions will be provided. Any changes to accreditation status should be brought to Eurofins Environment Testing North Central, LLC attention immediately. If all requested accreditations are current to date, return the signed Chain of Custody attesting to said compliance to Eurofins Environment Testing North Central, LLC.

Possible Hazard Identification	*Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)*
Unconfirmed	☐ *Return To Client* ☐ *Disposal By Lab* ☐ *Archive For* _____ *Months*
Deliverable Requested: I, II, III, IV, Other (specify) Primary Deliverable Rank: 2	Special Instructions/QC Requirements:

Empty Kit Relinquished by:	Date:	Time:	Method of Shipment:

Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company
MALISSA LOAR	10/21/24				
Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company
Relinquished by:	Date/Time:	Company	Received by:	Date/Time: 10/22/24 1020	Company ECLET

Custody Seals Intact: Δ Yes Δ No	Custody Seal No.:	Cooler Temperature(s) °C and Other Remarks: R: 3.7 C: 3.3

Ver: 10/10/2024

Eurofins Cleveland
180 S. Van Buren Avenue
Barberton, OH 44203
Phone: 330-497-9396 Fax: 330-497-0772

Chain of Custody Record

eurofins | Environment Testing

Client Information (Sub Contract Lab)	Sampler: N/A	Lab PM: Kalis, Nicole A	Carrier Tracking No(s): N/A	COC No: 240-192454.1
Client Contact: Shipping/Receiving	Phone: N/A	E-Mail: Nicole.Kalis@et.eurofinsus.com	State of Origin: Ohio	Page: Page 1 of 1
Company: Eurofins Lancaster Laboratories Environm		Accreditations Required (See note): N/A		Job #: 240-213294-1
Address: 2425 New Holland Pike,	Due Date Requested: 10/30/2024			Preservation Codes: -
City: Lancaster	TAT Requested (days): N/A			
State, Zip: PA, 17601				
Phone: 717-656-2300(Tel)	PO #: N/A			
Email: N/A	WO #: N/A			
Project Name: MSC Canfield	Project #: 24033889			
Site: N/A	SSOW#: N/A			Other: N/A

Sample Identification - Client ID (Lab ID)	Sample Date	Sample Time	Sample Type (C=comp, G=grab)	Matrix (W=water, S=solid, O=waste/oil, BT=Tissue, A=Air)	Field Filtered Sample (Yes or No)	Perform MS/MSD (Yes or No)	1677_Free/ Cyanide, Free	Total Number of containers	Special Instructions/Note:
			Preservation Code:						
SB-21-GW-18-28 (240-213294-1)	10/17/24	09:50 Eastern	G	Water			X	1	Use caution! Site contaminated with solvent waste

Analysis Requested

Note: Since laboratory accreditations are subject to change, Eurofins Environment Testing North Central, LLC places the ownership of method, analyte & accreditation compliance upon our subcontract laboratories. This sample shipment is forwarded under chain-of-custody. If the laboratory does not currently maintain accreditation in the State of Origin listed above for analysis/tests/matrix being analyzed, the samples must be shipped back to the Eurofins Environment Testing North Central, LLC laboratory or other instructions will be provided. Any changes to accreditation status should be brought to Eurofins Environment Testing North Central, LLC attention immediately. If all requested accreditations are current to date, return the signed Chain of Custody attesting to said compliance to Eurofins Environment Testing North Central, LLC.

Possible Hazard Identification	Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)
Unconfirmed	☐ Return To Client ☐ Disposal By Lab ☐ Archive For _____ Months
Deliverable Requested: I, II, III, IV, Other (specify) Primary Deliverable Rank: 2	Special Instructions/QC Requirements:

Empty Kit Relinquished by:	Date:	Time:	Method of Shipment:

Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company
Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company
Relinquished by:	Date/Time:	Company	Received by:	Date/Time: 10/22/24 10:20	Company ELLST

Custody Seals Intact: Δ Yes Δ No	Custody Seal No.:	Cooler Temperature(s) °C and Other Remarks: R:3.7 C:3.3

Ver: 10/10/2024

Login Sample Receipt Checklist

Client: August Mack Environmental, Inc.

Job Number: 240-213294-1

Login Number: 213294
List Number: 2
Creator: Santiago, Nathaniel

List Source: Eurofins Lancaster Laboratories Environment Testing, LLC
List Creation: 10/22/24 11:40 AM

Question	Answer	Comment
The cooler's custody seal is intact.	N/A	
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	True	
Cooler Temperature acceptable,where thermal pres is required(</=6C, not frozen).	True	
Cooler Temperature is recorded.	True	
WV:Container Temp acceptable,where thermal pres is required (</=6C, not frozen).	N/A	
WV: Container Temperature is recorded.	N/A	
COC is present.	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information.	True	
There are no discrepancies between the containers received and the COC.	True	
Sample containers have legible labels.	True	
Containers are not broken or leaking.	True	
Sample collection date/times are provided.	True	
Appropriate sample containers are used.	True	
Sample bottles are completely filled.	True	
There is sufficient vol. for all requested analyses.	True	
Is the Field Sampler's name present on COC?	False	Received project as a subcontract.
Sample custody seals are intact.	N/A	
VOA sample vials do not have headspace >6mm in diameter (none, if from WV)?	N/A	

eurofins | Environment Testing

ANALYTICAL REPORT

PREPARED FOR

Attn: Kain Lager-Lowe
August Mack Environmental, Inc.
7830 North Central Drive, Suite B
Lewis Center, Ohio 43035

Generated 10/31/2024 7:44:18 PM

JOB DESCRIPTION

MSC Canfield

JOB NUMBER

240-213295-1

Eurofins Cleveland
180 S. Van Buren Avenue
Barberton OH 44203

See page two for job notes and contact information.

my EOL

Job Notes

This report may not be reproduced except in full, and with written approval from the laboratory. The results relate only to the samples tested. For questions please contact the Project Manager at the e-mail address or telephone number listed on this page.

The test results in this report relate only to the samples as received by the laboratory and will meet all requirements of the methodology, with any exceptions noted. This report shall not be reproduced except in full, without the express written approval of the laboratory. All questions should be directed to the Eurofins Environment Testing North Central, LLC Project Manager.

Authorization



Generated
10/31/2024 7:44:18 PM

Authorized for release by
Nicole Kalis, Project Manager I
Nicole.Kalis@et.eurofinsus.com
(330)497-9396

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Definitions/Glossary

Client: August Mack Environmental, Inc. Job ID: 240-213295-1
Project/Site: MSC Canfield

Qualifiers

GC/MS VOA

Qualifier	Qualifier Description
B	Compound was found in the blank and sample.
J	Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.

GC/MS Semi VOA

Qualifier	Qualifier Description
J	Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.

Metals

Qualifier	Qualifier Description
J	Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.

Glossary

Abbreviation	These commonly used abbreviations may or may not be present in this report.
☼	Listed under the "D" column to designate that the result is reported on a dry weight basis
%R	Percent Recovery
CFL	Contains Free Liquid
CFU	Colony Forming Unit
CNF	Contains No Free Liquid
DER	Duplicate Error Ratio (normalized absolute difference)
Dil Fac	Dilution Factor
DL	Detection Limit (DoD/DOE)
DL, RA, RE, IN	Indicates a Dilution, Re-analysis, Re-extraction, or additional Initial metals/anion analysis of the sample
DLC	Decision Level Concentration (Radiochemistry)
EDL	Estimated Detection Limit (Dioxin)
LOD	Limit of Detection (DoD/DOE)
LOQ	Limit of Quantitation (DoD/DOE)
MCL	EPA recommended "Maximum Contaminant Level"
MDA	Minimum Detectable Activity (Radiochemistry)
MDC	Minimum Detectable Concentration (Radiochemistry)
MDL	Method Detection Limit
ML	Minimum Level (Dioxin)
MPN	Most Probable Number
MQL	Method Quantitation Limit
NC	Not Calculated
ND	Not Detected at the reporting limit (or MDL or EDL if shown)
NEG	Negative / Absent
POS	Positive / Present
PQL	Practical Quantitation Limit
PRES	Presumptive
QC	Quality Control
RER	Relative Error Ratio (Radiochemistry)
RL	Reporting Limit or Requested Limit (Radiochemistry)
RPD	Relative Percent Difference, a measure of the relative difference between two points
TEF	Toxicity Equivalent Factor (Dioxin)
TEQ	Toxicity Equivalent Quotient (Dioxin)
TNTC	Too Numerous To Count

Job ID: 240-213295-1 Eurofins Cleveland

Job Narrative
240-213295-1

Analytical test results meet all requirements of the associated regulatory program listed on the Accreditation/Certification Summary Page unless otherwise noted under the individual analysis. Data qualifiers and/or narrative comments are included to explain any exceptions, if applicable.

- Matrix QC may not be reported if insufficient sample is provided or site-specific QC samples were not submitted. In these situations, to demonstrate precision and accuracy at a batch level, a LCS/LCSD may be performed, unless otherwise specified in the method.
- Surrogate and/or isotope dilution analyte recoveries (if applicable) which are outside of the QC window are confirmed unless attributed to a dilution or otherwise noted in the narrative.

Regulated compliance samples (e.g. SDWA, NPDES) must comply with the associated agency requirements/permits.

Receipt
The samples were received on 10/17/2024 4:05 PM. Unless otherwise noted below, the samples arrived in good condition, and, where required, properly preserved and on ice. The temperature of the cooler at receipt time was 3.8°C.

GC/MS VOA
Method 8260D: The continuing calibration verification (CCV) analyzed in batch 240-632801 was outside the method criteria for the following analyte(s): 1,1,2-Trichloro-1,2,2-trifluoroethane, Bromomethane and Trichlorofluoromethane. A CCV standard at or below the reporting limit (RL) was analyzed with the affected samples and found to be acceptable. As indicated in the reference method, sample analysis may proceed; however, any detection for the affected analyte(s) is considered estimated.

Method 8260D: NO MS/MSD in batch 632801 due to an incorrect dilution.

TB-8-20241017 (240-213295-8)

Method 8260D: These samples were taken off a shelf in the sample receiving refrigerator, if these jars were opened in another part of the lab they could have been contaminated.

Method 8260D: The continuing calibration verification (CCV) associated with batch 240-633042 recovered above the upper control limit for Bromomethane, Chloromethane, Dichlorodifluoromethane, Trichlorofluoromethane and Vinyl chloride. The samples associated with this CCV were non-detects for the affected analytes; therefore, the data have been reported.

Method 8260D: The continuing calibration verification (CCV) associated with batch 240-632002 recovered above the upper control limit for 1,1,2-Trichloro-1,2,2-trifluoroethane and Bromomethane. The samples associated with this CCV were non-detects for the affected analytes; therefore, the data have been reported.

No additional analytical or quality issues were noted, other than those described above or in the Definitions/ Glossary page.

GC/MS Semi VOA
No additional analytical or quality issues were noted, other than those described above or in the Definitions/ Glossary page.

PCBs
Method 8082A: The following samples required a tetrabutylammonium sulfite (TBA) clean-up to reduce matrix interferences caused by sulfur: SB-22-4.0-6.0 (240-213295-1), (LCS 240-631847/2-A) and (MB 240-631847/1-A).

No additional analytical or quality issues were noted, other than those described above or in the Definitions/ Glossary page.

Metals
No additional analytical or quality issues were noted, other than those described above or in the Definitions/ Glossary page.

General Chemistry
Method 7196A: The matrix spike soluble (MSS) recoveries were outside control limits due to sample matrix. The associated laboratory control sample (LCSS/LCSI) recoveries met acceptance criteria.

No additional analytical or quality issues were noted, other than those described above or in the Definitions/ Glossary page.

Method Summary

Client: August Mack Environmental, Inc.
Project/Site: MSC Canfield

Job ID: 240-213295-1

Method	Method Description	Protocol	Laboratory
8260D	Volatile Organic Compounds by GC/MS	SW846	EET CLE
8270E	Semivolatile Organic Compounds (GC/MS)	SW846	EET CLE
8082A	Polychlorinated Biphenyls (PCBs) by Gas Chromatography	SW846	EET CLE
6010D	Metals (ICP)	SW846	EET CLE
7471B	Mercury (CVAA)	SW846	EET CLE
7196A	Chromium, Hexavalent	SW846	ELLE
9012B	Cyanide, Total andor Amenable	SW846	EET CLE
Moisture	Percent Moisture	EPA	EET CLE
OIA-1677	Cyanide, Free (Flow Injection)	OI CORP	ELLE
3050B	Preparation, Metals	SW846	EET CLE
3060A	Alkaline Digestion (Chromium, Hexavalent)	SW846	ELLE
3546	Microwave Extraction	SW846	EET CLE
5030C	Purge and Trap	SW846	EET CLE
7471B	Preparation, Mercury	SW846	EET CLE
9012B	Cyanide, Total and/or Amenable, Distillation	SW846	EET CLE
D3987-85	ASTM Leaching Procedure	ASTM	ELLE

Protocol References:

ASTM = ASTM International

EPA = US Environmental Protection Agency

OI CORP = OI Corporation Instrument Manual.

SW846 = "Test Methods For Evaluating Solid Waste, Physical/Chemical Methods", Third Edition, November 1986 And Its Updates.

Laboratory References:

EET CLE = Eurofins Cleveland, 180 S. Van Buren Avenue, Barberton, OH 44203, TEL (330)497-9396

ELLE = Eurofins Lancaster Laboratories Environment Testing, LLC, 2425 New Holland Pike, Lancaster, PA 17601, TEL (717)656-2300

Sample Summary

Client: August Mack Environmental, Inc.
Project/Site: MSC Canfield

Job ID: 240-213295-1

Lab Sample ID	Client Sample ID	Matrix	Collected	Received
240-213295-1	SB-22-4.0-6.0	Solid	10/16/24 15:31	10/17/24 16:05
240-213295-2	SB-22-12.0-14.0	Solid	10/16/24 15:40	10/17/24 16:05
240-213295-3	SB-22-18.0-20.0	Solid	10/16/24 15:52	10/17/24 16:05
240-213295-4	SB-11-22.0-24.0	Solid	10/17/24 09:46	10/17/24 16:05
240-213295-5	SB-11-20.0-22.0	Solid	10/17/24 09:42	10/17/24 16:05
240-213295-6	SB-9-22.0-24.0	Solid	10/17/24 13:45	10/17/24 16:05
240-213295-7	SB-9-30.0-32.0	Solid	10/17/24 14:00	10/17/24 16:05
240-213295-8	TB-8-20241017	Water	10/17/24 00:00	10/17/24 16:05

Detection Summary

Client: August Mack Environmental, Inc.
Project/Site: MSC Canfield

Job ID: 240-213295-1

Client Sample ID: SB-22-4.0-6.0 — Lab Sample ID: 240-213295-1

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
2-Butanone (MEK)	7.4	J B	23	4.0	ug/Kg	1	☼	8260D	Total/NA
Acetone	120		28	24	ug/Kg	1	☼	8260D	Total/NA
Arsenic	15		1.6	0.33	mg/Kg	1	☼	6010D	Total/NA
Barium	36		21	0.13	mg/Kg	1	☼	6010D	Total/NA
Chromium	16		1.0	0.36	mg/Kg	1	☼	6010D	Total/NA
Copper	20		2.6	0.73	mg/Kg	1	☼	6010D	Total/NA
Lead	12		1.0	0.29	mg/Kg	1	☼	6010D	Total/NA
Selenium	0.62	J	2.1	0.49	mg/Kg	1	☼	6010D	Total/NA
Zinc	43		5.2	3.8	mg/Kg	1	☼	6010D	Total/NA
Mercury	0.033	J	0.12	0.022	mg/Kg	1	☼	7471B	Total/NA

Client Sample ID: SB-22-12.0-14.0 — Lab Sample ID: 240-213295-2

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Arsenic	16		1.6	0.34	mg/Kg	1	☼	6010D	Total/NA
Barium	38		22	0.14	mg/Kg	1	☼	6010D	Total/NA
Chromium	15		1.1	0.37	mg/Kg	1	☼	6010D	Total/NA
Copper	19		2.7	0.76	mg/Kg	1	☼	6010D	Total/NA
Lead	10		1.1	0.30	mg/Kg	1	☼	6010D	Total/NA
Zinc	59		5.4	3.9	mg/Kg	1	☼	6010D	Total/NA

Client Sample ID: SB-22-18.0-20.0 — Lab Sample ID: 240-213295-3

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
2-Methylnaphthalene	18	J	46	15	ug/Kg	1	☼	8270E	Total/NA
Benzo[g,h,i]perylene	31	J	46	31	ug/Kg	1	☼	8270E	Total/NA
Phenanthrene	18	J	46	15	ug/Kg	1	☼	8270E	Total/NA
Pyrene	21	J	46	19	ug/Kg	1	☼	8270E	Total/NA
Arsenic	12		1.4	0.30	mg/Kg	1	☼	6010D	Total/NA
Barium	32		19	0.12	mg/Kg	1	☼	6010D	Total/NA
Cadmium	0.095	J	0.48	0.046	mg/Kg	1	☼	6010D	Total/NA
Chromium	12		0.96	0.33	mg/Kg	1	☼	6010D	Total/NA
Copper	17		2.4	0.68	mg/Kg	1	☼	6010D	Total/NA
Lead	9.7		0.96	0.27	mg/Kg	1	☼	6010D	Total/NA
Selenium	0.59	J	1.9	0.45	mg/Kg	1	☼	6010D	Total/NA
Zinc	64		4.8	3.5	mg/Kg	1	☼	6010D	Total/NA

Client Sample ID: SB-11-22.0-24.0 — Lab Sample ID: 240-213295-4

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
2-Methylnaphthalene	26	J	45	15	ug/Kg	1	☼	8270E	Total/NA
Phenanthrene	34	J	45	15	ug/Kg	1	☼	8270E	Total/NA
Arsenic	12		1.2	0.25	mg/Kg	1	☼	6010D	Total/NA
Barium	30		16	0.10	mg/Kg	1	☼	6010D	Total/NA
Cadmium	0.053	J	0.40	0.039	mg/Kg	1	☼	6010D	Total/NA
Chromium	12		0.81	0.28	mg/Kg	1	☼	6010D	Total/NA
Copper	16		2.0	0.57	mg/Kg	1	☼	6010D	Total/NA
Lead	7.8		0.81	0.23	mg/Kg	1	☼	6010D	Total/NA
Selenium	0.41	J	1.6	0.38	mg/Kg	1	☼	6010D	Total/NA
Zinc	52		4.0	2.9	mg/Kg	1	☼	6010D	Total/NA

This Detection Summary does not include radiochemical test results.

Detection Summary

Client: August Mack Environmental, Inc.
Project/Site: MSC Canfield

Job ID: 240-213295-1

Client Sample ID: SB-11-20.0-22.0 — Lab Sample ID: 240-213295-5

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
2-Methylnaphthalene	16	J	45	15	ug/Kg	1	☼	8270E	Total/NA
Phenanthrene	15	J	45	15	ug/Kg	1	☼	8270E	Total/NA
Arsenic	16		1.4	0.29	mg/Kg	1	☼	6010D	Total/NA
Barium	22		19	0.12	mg/Kg	1	☼	6010D	Total/NA
Cadmium	0.049	J	0.46	0.045	mg/Kg	1	☼	6010D	Total/NA
Chromium	12		0.93	0.32	mg/Kg	1	☼	6010D	Total/NA
Copper	30		2.3	0.65	mg/Kg	1	☼	6010D	Total/NA
Lead	8.6		0.93	0.26	mg/Kg	1	☼	6010D	Total/NA
Selenium	0.62	J	1.9	0.44	mg/Kg	1	☼	6010D	Total/NA
Zinc	53		4.6	3.4	mg/Kg	1	☼	6010D	Total/NA

Client Sample ID: SB-9-22.0-24.0 — Lab Sample ID: 240-213295-6

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
cis-1,2-Dichloroethene	230	J	550	180	ug/Kg	2	☼	8260D	Total/NA
Trichloroethene	39000		1400	780	ug/Kg	5	☼	8260D	Total/NA
2-Methylnaphthalene	40	J	45	15	ug/Kg	1	☼	8270E	Total/NA
Benzo[b]fluoranthene	21	J	45	14	ug/Kg	1	☼	8270E	Total/NA
Benzo[g,h,i]perylene	45		45	31	ug/Kg	1	☼	8270E	Total/NA
Chrysene	23	J	45	16	ug/Kg	1	☼	8270E	Total/NA
Fluoranthene	19	J	45	16	ug/Kg	1	☼	8270E	Total/NA
Phenanthrene	54		45	15	ug/Kg	1	☼	8270E	Total/NA
Pyrene	32	J	45	18	ug/Kg	1	☼	8270E	Total/NA
Arsenic	12		1.6	0.33	mg/Kg	1	☼	6010D	Total/NA
Barium	16	J	21	0.13	mg/Kg	1	☼	6010D	Total/NA
Chromium	9.1		1.1	0.36	mg/Kg	1	☼	6010D	Total/NA
Copper	16		2.6	0.74	mg/Kg	1	☼	6010D	Total/NA
Lead	8.4		1.1	0.30	mg/Kg	1	☼	6010D	Total/NA
Selenium	0.62	J	2.1	0.50	mg/Kg	1	☼	6010D	Total/NA
Zinc	51		5.3	3.8	mg/Kg	1	☼	6010D	Total/NA

Client Sample ID: SB-9-30.0-32.0 — Lab Sample ID: 240-213295-7

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
2-Methylnaphthalene	55		44	14	ug/Kg	1	☼	8270E	Total/NA
Benzo[b]fluoranthene	14	J	44	13	ug/Kg	1	☼	8270E	Total/NA
Benzo[g,h,i]perylene	36	J	44	30	ug/Kg	1	☼	8270E	Total/NA
Naphthalene	16	J	44	14	ug/Kg	1	☼	8270E	Total/NA
Phenanthrene	59		44	14	ug/Kg	1	☼	8270E	Total/NA
Pyrene	20	J	44	18	ug/Kg	1	☼	8270E	Total/NA
Arsenic	10		1.5	0.32	mg/Kg	1	☼	6010D	Total/NA
Barium	14	J	21	0.13	mg/Kg	1	☼	6010D	Total/NA
Cadmium	0.072	J	0.51	0.049	mg/Kg	1	☼	6010D	Total/NA
Chromium	7.1		1.0	0.35	mg/Kg	1	☼	6010D	Total/NA
Copper	22		2.6	0.72	mg/Kg	1	☼	6010D	Total/NA
Lead	6.7		1.0	0.29	mg/Kg	1	☼	6010D	Total/NA
Zinc	44		5.1	3.7	mg/Kg	1	☼	6010D	Total/NA

Client Sample ID: TB-8-20241017 — Lab Sample ID: 240-213295-8

No Detections.

This Detection Summary does not include radiochemical test results.

Eurofins Cleveland

Client: August Mack Environmental, Inc.
Project/Site: MSC Canfield

Job ID: 240-213295-1

Client Sample ID: SB-22-4.0-6.0
Date Collected: 10/16/24 15:31
Date Received: 10/17/24 16:05

Lab Sample ID: 240-213295-1
Matrix: Solid
Percent Solids: 83.9

Method: SW846 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		5.6	2.0	ug/Kg	☼	10/23/24 09:44	10/23/24 15:19	1
1,1,2,2-Tetrachloroethane	ND		5.6	1.6	ug/Kg	☼	10/23/24 09:44	10/23/24 15:19	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		5.6	1.4	ug/Kg	☼	10/23/24 09:44	10/23/24 15:19	1
1,1,2-Trichloroethane	ND		5.6	1.3	ug/Kg	☼	10/23/24 09:44	10/23/24 15:19	1
1,1-Dichloroethane	ND		5.6	1.6	ug/Kg	☼	10/23/24 09:44	10/23/24 15:19	1
1,1-Dichloroethene	ND		5.6	2.0	ug/Kg	☼	10/23/24 09:44	10/23/24 15:19	1
1,2,4-Trichlorobenzene	ND		5.6	2.8	ug/Kg	☼	10/23/24 09:44	10/23/24 15:19	1
1,2-Dibromo-3-Chloropropane	ND		11	4.1	ug/Kg	☼	10/23/24 09:44	10/23/24 15:19	1
Ethylene Dibromide	ND		5.6	1.9	ug/Kg	☼	10/23/24 09:44	10/23/24 15:19	1
1,2-Dichlorobenzene	ND		5.6	1.3	ug/Kg	☼	10/23/24 09:44	10/23/24 15:19	1
1,2-Dichloroethane	ND		5.6	2.0	ug/Kg	☼	10/23/24 09:44	10/23/24 15:19	1
1,2-Dichloropropane	ND		5.6	0.96	ug/Kg	☼	10/23/24 09:44	10/23/24 15:19	1
1,3-Dichlorobenzene	ND		5.6	1.9	ug/Kg	☼	10/23/24 09:44	10/23/24 15:19	1
1,4-Dichlorobenzene	ND		5.6	0.99	ug/Kg	☼	10/23/24 09:44	10/23/24 15:19	1
2-Butanone (MEK)	**7.4**	**J B**	23	4.0	ug/Kg	☼	10/23/24 09:44	10/23/24 15:19	1
2-Hexanone	ND		23	4.6	ug/Kg	☼	10/23/24 09:44	10/23/24 15:19	1
4-Methyl-2-pentanone (MIBK)	ND		23	4.2	ug/Kg	☼	10/23/24 09:44	10/23/24 15:19	1
Acetone	**120**		28	24	ug/Kg	☼	10/23/24 09:44	10/23/24 15:19	1
Benzene	ND		5.6	1.7	ug/Kg	☼	10/23/24 09:44	10/23/24 15:19	1
Dichlorobromomethane	ND		5.6	1.7	ug/Kg	☼	10/23/24 09:44	10/23/24 15:19	1
Bromoform	ND		5.6	2.7	ug/Kg	☼	10/23/24 09:44	10/23/24 15:19	1
Bromomethane	ND		5.6	4.7	ug/Kg	☼	10/23/24 09:44	10/23/24 15:19	1
Carbon disulfide	ND		5.6	1.3	ug/Kg	☼	10/23/24 09:44	10/23/24 15:19	1
Carbon tetrachloride	ND		5.6	3.7	ug/Kg	☼	10/23/24 09:44	10/23/24 15:19	1
Chlorobenzene	ND		5.6	1.0	ug/Kg	☼	10/23/24 09:44	10/23/24 15:19	1
Chloroethane	ND		5.6	3.1	ug/Kg	☼	10/23/24 09:44	10/23/24 15:19	1
Chloroform	ND		5.6	2.0	ug/Kg	☼	10/23/24 09:44	10/23/24 15:19	1
Chloromethane	ND		5.6	2.6	ug/Kg	☼	10/23/24 09:44	10/23/24 15:19	1
cis-1,2-Dichloroethene	ND		5.6	1.7	ug/Kg	☼	10/23/24 09:44	10/23/24 15:19	1
cis-1,3-Dichloropropene	ND		5.6	3.2	ug/Kg	☼	10/23/24 09:44	10/23/24 15:19	1
Cyclohexane	ND		11	1.5	ug/Kg	☼	10/23/24 09:44	10/23/24 15:19	1
Chlorodibromomethane	ND		5.6	3.1	ug/Kg	☼	10/23/24 09:44	10/23/24 15:19	1
Dichlorodifluoromethane	ND		5.6	2.5	ug/Kg	☼	10/23/24 09:44	10/23/24 15:19	1
Ethylbenzene	ND		5.6	1.2	ug/Kg	☼	10/23/24 09:44	10/23/24 15:19	1
Isopropylbenzene	ND		5.6	2.2	ug/Kg	☼	10/23/24 09:44	10/23/24 15:19	1
Methyl acetate	ND		28	3.8	ug/Kg	☼	10/23/24 09:44	10/23/24 15:19	1
Methyl tert-butyl ether	ND		5.6	2.2	ug/Kg	☼	10/23/24 09:44	10/23/24 15:19	1
Methylcyclohexane	ND		11	1.4	ug/Kg	☼	10/23/24 09:44	10/23/24 15:19	1
Methylene Chloride	ND		28	14	ug/Kg	☼	10/23/24 09:44	10/23/24 15:19	1
Styrene	ND		5.6	1.3	ug/Kg	☼	10/23/24 09:44	10/23/24 15:19	1
Tetrachloroethene	ND		5.6	2.2	ug/Kg	☼	10/23/24 09:44	10/23/24 15:19	1
Toluene	ND		5.6	0.87	ug/Kg	☼	10/23/24 09:44	10/23/24 15:19	1
trans-1,2-Dichloroethene	ND		5.6	1.6	ug/Kg	☼	10/23/24 09:44	10/23/24 15:19	1
trans-1,3-Dichloropropene	ND		5.6	2.0	ug/Kg	☼	10/23/24 09:44	10/23/24 15:19	1
Trichloroethene	ND		5.6	1.6	ug/Kg	☼	10/23/24 09:44	10/23/24 15:19	1
Trichlorofluoromethane	ND		5.6	3.0	ug/Kg	☼	10/23/24 09:44	10/23/24 15:19	1
Vinyl chloride	ND		5.6	2.0	ug/Kg	☼	10/23/24 09:44	10/23/24 15:19	1
Xylenes, Total	ND		11	1.8	ug/Kg	☼	10/23/24 09:44	10/23/24 15:19	1

Client: August Mack Environmental, Inc.
Project/Site: MSC Canfield

Job ID: 240-213295-1

Client Sample ID: SB-22-4.0-6.0
Date Collected: 10/16/24 15:31
Date Received: 10/17/24 16:05

Lab Sample ID: 240-213295-1
Matrix: Solid
Percent Solids: 83.9

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Toluene-d8 (Surr)	*101*		*56 - 125*	*10/23/24 09:44*	*10/23/24 15:19*	*1*
Dibromofluoromethane (Surr)	*96*		*41 - 138*	*10/23/24 09:44*	*10/23/24 15:19*	*1*
4-Bromofluorobenzene (Surr)	*94*		*41 - 143*	*10/23/24 09:44*	*10/23/24 15:19*	*1*
1,2-Dichloroethane-d4 (Surr)	*98*		*58 - 125*	*10/23/24 09:44*	*10/23/24 15:19*	*1*

Method: SW846 8270E - Semivolatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1'-Biphenyl	ND		120	33	ug/Kg	☼	10/21/24 08:49	10/22/24 13:15	1
bis (2-chloroisopropyl) ether	ND		120	30	ug/Kg	☼	10/21/24 08:49	10/22/24 13:15	1
2,4,5-Trichlorophenol	ND		170	38	ug/Kg	☼	10/21/24 08:49	10/22/24 13:15	1
2,4,6-Trichlorophenol	ND		170	34	ug/Kg	☼	10/21/24 08:49	10/22/24 13:15	1
2,4-Dichlorophenol	ND		170	31	ug/Kg	☼	10/21/24 08:49	10/22/24 13:15	1
2,4-Dimethylphenol	ND		170	42	ug/Kg	☼	10/21/24 08:49	10/22/24 13:15	1
2,4-Dinitrophenol	ND		380	200	ug/Kg	☼	10/21/24 08:49	10/22/24 13:15	1
2,4-Dinitrotoluene	ND		230	27	ug/Kg	☼	10/21/24 08:49	10/22/24 13:15	1
2,6-Dinitrotoluene	ND		230	42	ug/Kg	☼	10/21/24 08:49	10/22/24 13:15	1
2-Chloronaphthalene	ND		120	33	ug/Kg	☼	10/21/24 08:49	10/22/24 13:15	1
2-Chlorophenol	ND		120	30	ug/Kg	☼	10/21/24 08:49	10/22/24 13:15	1
2-Methylnaphthalene	ND		46	15	ug/Kg	☼	10/21/24 08:49	10/22/24 13:15	1
2-Methylphenol	ND		230	48	ug/Kg	☼	10/21/24 08:49	10/22/24 13:15	1
2-Nitroaniline	ND		230	44	ug/Kg	☼	10/21/24 08:49	10/22/24 13:15	1
2-Nitrophenol	ND		120	41	ug/Kg	☼	10/21/24 08:49	10/22/24 13:15	1
3,3'-Dichlorobenzidine	ND		170	110	ug/Kg	☼	10/21/24 08:49	10/22/24 13:15	1
3-Nitroaniline	ND		230	41	ug/Kg	☼	10/21/24 08:49	10/22/24 13:15	1
4,6-Dinitro-2-methylphenol	ND		380	120	ug/Kg	☼	10/21/24 08:49	10/22/24 13:15	1
4-Bromophenyl phenyl ether	ND		120	37	ug/Kg	☼	10/21/24 08:49	10/22/24 13:15	1
4-Chloro-3-methylphenol	ND		170	44	ug/Kg	☼	10/21/24 08:49	10/22/24 13:15	1
4-Chloroaniline	ND		170	19	ug/Kg	☼	10/21/24 08:49	10/22/24 13:15	1
4-Chlorophenyl phenyl ether	ND		120	33	ug/Kg	☼	10/21/24 08:49	10/22/24 13:15	1
4-Nitroaniline	ND		230	30	ug/Kg	☼	10/21/24 08:49	10/22/24 13:15	1
4-Nitrophenol	ND		380	100	ug/Kg	☼	10/21/24 08:49	10/22/24 13:15	1
Acenaphthene	ND		46	16	ug/Kg	☼	10/21/24 08:49	10/22/24 13:15	1
Acenaphthylene	ND		46	17	ug/Kg	☼	10/21/24 08:49	10/22/24 13:15	1
Acetophenone	ND		120	29	ug/Kg	☼	10/21/24 08:49	10/22/24 13:15	1
Anthracene	ND		46	14	ug/Kg	☼	10/21/24 08:49	10/22/24 13:15	1
Atrazine	ND		380	80	ug/Kg	☼	10/21/24 08:49	10/22/24 13:15	1
Benzaldehyde	ND		380	65	ug/Kg	☼	10/21/24 08:49	10/22/24 13:15	1
Benzo[a]anthracene	ND		46	17	ug/Kg	☼	10/21/24 08:49	10/22/24 13:15	1
Benzo[a]pyrene	ND		46	16	ug/Kg	☼	10/21/24 08:49	10/22/24 13:15	1
Benzo[b]fluoranthene	ND		46	14	ug/Kg	☼	10/21/24 08:49	10/22/24 13:15	1
Benzo[g,h,i]perylene	ND		46	31	ug/Kg	☼	10/21/24 08:49	10/22/24 13:15	1
Benzo[k]fluoranthene	ND		46	12	ug/Kg	☼	10/21/24 08:49	10/22/24 13:15	1
Bis(2-chloroethoxy)methane	ND		120	23	ug/Kg	☼	10/21/24 08:49	10/22/24 13:15	1
Bis(2-chloroethyl)ether	ND		120	26	ug/Kg	☼	10/21/24 08:49	10/22/24 13:15	1
Bis(2-ethylhexyl) phthalate	ND		170	65	ug/Kg	☼	10/21/24 08:49	10/22/24 13:15	1
Butyl benzyl phthalate	ND		170	59	ug/Kg	☼	10/21/24 08:49	10/22/24 13:15	1
Caprolactam	ND		380	80	ug/Kg	☼	10/21/24 08:49	10/22/24 13:15	1
Carbazole	ND		120	31	ug/Kg	☼	10/21/24 08:49	10/22/24 13:15	1
Chrysene	ND		46	16	ug/Kg	☼	10/21/24 08:49	10/22/24 13:15	1
Dibenz(a,h)anthracene	ND		46	17	ug/Kg	☼	10/21/24 08:49	10/22/24 13:15	1

Client Sample ID: SB-22-4.0-6.0
Date Collected: 10/16/24 15:31
Date Received: 10/17/24 16:05

Lab Sample ID: 240-213295-1
Matrix: Solid
Percent Solids: 83.9

Method: SW846 8270E - Semivolatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Dibenzofuran	ND		120	34	ug/Kg	☼	10/21/24 08:49	10/22/24 13:15	1
Diethyl phthalate	ND		170	50	ug/Kg	☼	10/21/24 08:49	10/22/24 13:15	1
Dimethyl phthalate	ND		170	46	ug/Kg	☼	10/21/24 08:49	10/22/24 13:15	1
Di-n-butyl phthalate	ND		170	59	ug/Kg	☼	10/21/24 08:49	10/22/24 13:15	1
Di-n-octyl phthalate	ND		170	58	ug/Kg	☼	10/21/24 08:49	10/22/24 13:15	1
Fluoranthene	ND		46	16	ug/Kg	☼	10/21/24 08:49	10/22/24 13:15	1
Fluorene	ND		46	16	ug/Kg	☼	10/21/24 08:49	10/22/24 13:15	1
Hexachlorobenzene	ND		46	16	ug/Kg	☼	10/21/24 08:49	10/22/24 13:15	1
Hexachlorobutadiene	ND		120	24	ug/Kg	☼	10/21/24 08:49	10/22/24 13:15	1
Hexachlorocyclopentadiene	ND		380	45	ug/Kg	☼	10/21/24 08:49	10/22/24 13:15	1
Hexachloroethane	ND		120	37	ug/Kg	☼	10/21/24 08:49	10/22/24 13:15	1
Indeno[1,2,3-cd]pyrene	ND		46	14	ug/Kg	☼	10/21/24 08:49	10/22/24 13:15	1
Isophorone	ND		120	30	ug/Kg	☼	10/21/24 08:49	10/22/24 13:15	1
N-Nitrosodi-n-propylamine	ND		120	43	ug/Kg	☼	10/21/24 08:49	10/22/24 13:15	1
N-Nitrosodiphenylamine	ND		120	31	ug/Kg	☼	10/21/24 08:49	10/22/24 13:15	1
Naphthalene	ND		46	15	ug/Kg	☼	10/21/24 08:49	10/22/24 13:15	1
Nitrobenzene	ND		120	26	ug/Kg	☼	10/21/24 08:49	10/22/24 13:15	1
Pentachlorophenol	ND		310	120	ug/Kg	☼	10/21/24 08:49	10/22/24 13:15	1
Phenanthrene	ND		46	15	ug/Kg	☼	10/21/24 08:49	10/22/24 13:15	1
Phenol	ND		120	44	ug/Kg	☼	10/21/24 08:49	10/22/24 13:15	1
Pyrene	ND		46	19	ug/Kg	☼	10/21/24 08:49	10/22/24 13:15	1
3 & 4 Methylphenol	ND		460	48	ug/Kg	☼	10/21/24 08:49	10/22/24 13:15	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Terphenyl-d14 (Surr)	*71*		*37 - 120*	*10/21/24 08:49*	*10/22/24 13:15*	*1*
Phenol-d5 (Surr)	*63*		*29 - 120*	*10/21/24 08:49*	*10/22/24 13:15*	*1*
Nitrobenzene-d5 (Surr)	*49*		*28 - 120*	*10/21/24 08:49*	*10/22/24 13:15*	*1*
2-Fluorophenol (Surr)	*63*		*26 - 120*	*10/21/24 08:49*	*10/22/24 13:15*	*1*
2-Fluorobiphenyl (Surr)	*55*		*36 - 120*	*10/21/24 08:49*	*10/22/24 13:15*	*1*
2,4,6-Tribromophenol (Surr)	*67*		*10 - 120*	*10/21/24 08:49*	*10/22/24 13:15*	*1*

Method: SW846 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aroclor-1016	ND		62	31	ug/Kg	☼	10/22/24 09:44	10/23/24 15:18	1
Aroclor-1221	ND		62	37	ug/Kg	☼	10/22/24 09:44	10/23/24 15:18	1
Aroclor-1232	ND		62	26	ug/Kg	☼	10/22/24 09:44	10/23/24 15:18	1
Aroclor-1242	ND		62	23	ug/Kg	☼	10/22/24 09:44	10/23/24 15:18	1
Aroclor-1248	ND		62	21	ug/Kg	☼	10/22/24 09:44	10/23/24 15:18	1
Aroclor-1254	ND		62	26	ug/Kg	☼	10/22/24 09:44	10/23/24 15:18	1
Aroclor-1260	ND		62	26	ug/Kg	☼	10/22/24 09:44	10/23/24 15:18	1
Aroclor-1262	ND		62	27	ug/Kg	☼	10/22/24 09:44	10/23/24 15:18	1
Aroclor-1268	ND		62	20	ug/Kg	☼	10/22/24 09:44	10/23/24 15:18	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Tetrachloro-m-xylene	*63*		*10 - 149*	*10/22/24 09:44*	*10/23/24 15:18*	*1*
DCB Decachlorobiphenyl	*71*		*10 - 174*	*10/22/24 09:44*	*10/23/24 15:18*	*1*

Method: SW846 6010D - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	**15**		1.6	0.33	mg/Kg	☼	10/21/24 15:00	10/22/24 23:06	1

Client: August Mack Environmental, Inc.
Project/Site: MSC Canfield

Job ID: 240-213295-1

Client Sample ID: SB-22-4.0-6.0
Date Collected: 10/16/24 15:31
Date Received: 10/17/24 16:05

Lab Sample ID: 240-213295-1
Matrix: Solid
Percent Solids: 83.9

Method: SW846 6010D - Metals (ICP) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Barium	**36**		21	0.13	mg/Kg	☼	10/21/24 15:00	10/22/24 23:06	1
Cadmium	ND		0.52	0.050	mg/Kg	☼	10/21/24 15:00	10/22/24 23:06	1
Chromium	**16**		1.0	0.36	mg/Kg	☼	10/21/24 15:00	10/22/24 23:06	1
Copper	**20**		2.6	0.73	mg/Kg	☼	10/21/24 15:00	10/22/24 23:06	1
Lead	**12**		1.0	0.29	mg/Kg	☼	10/21/24 15:00	10/22/24 23:06	1
Selenium	**0.62**	**J**	2.1	0.49	mg/Kg	☼	10/21/24 15:00	10/22/24 23:06	1
Silver	ND		1.0	0.085	mg/Kg	☼	10/21/24 15:00	10/22/24 23:06	1
Zinc	**43**		5.2	3.8	mg/Kg	☼	10/21/24 15:00	10/22/24 23:06	1

Method: SW846 7471B - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	**0.033**	**J**	0.12	0.022	mg/Kg	☼	10/21/24 15:00	10/22/24 11:21	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cr (VI) (SW846 7196A)	ND		0.50	0.17	mg/Kg	☼	10/28/24 10:33	10/29/24 20:02	1
Cyanide, Total (SW846 9012B)	ND		0.65	0.51	mg/Kg	☼	10/29/24 09:44	10/29/24 12:07	1

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Solids (EPA Moisture)	**83.9**		0.1	0.1	%			10/18/24 11:57	1
Percent Moisture (EPA Moisture)	**16.1**		0.1	0.1	%			10/18/24 11:57	1

General Chemistry - ASTM Leach

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cyanide, Free (OI CORP OIA-1677)	ND		0.0060	0.0050	mg/L			10/30/24 15:19	1

Client: August Mack Environmental, Inc.
Project/Site: MSC Canfield

Job ID: 240-213295-1

Client Sample ID: SB-22-12.0-14.0
Date Collected: 10/16/24 15:40
Date Received: 10/17/24 16:05

Lab Sample ID: 240-213295-2
Matrix: Solid
Percent Solids: 85.7

Method: SW846 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		5.5	1.9	ug/Kg	☼	10/23/24 09:44	10/23/24 15:41	1
1,1,2,2-Tetrachloroethane	ND		5.5	1.6	ug/Kg	☼	10/23/24 09:44	10/23/24 15:41	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		5.5	1.4	ug/Kg	☼	10/23/24 09:44	10/23/24 15:41	1
1,1,2-Trichloroethane	ND		5.5	1.2	ug/Kg	☼	10/23/24 09:44	10/23/24 15:41	1
1,1-Dichloroethane	ND		5.5	1.6	ug/Kg	☼	10/23/24 09:44	10/23/24 15:41	1
1,1-Dichloroethene	ND		5.5	2.0	ug/Kg	☼	10/23/24 09:44	10/23/24 15:41	1
1,2,4-Trichlorobenzene	ND		5.5	2.8	ug/Kg	☼	10/23/24 09:44	10/23/24 15:41	1
1,2-Dibromo-3-Chloropropane	ND		11	4.0	ug/Kg	☼	10/23/24 09:44	10/23/24 15:41	1
Ethylene Dibromide	ND		5.5	1.8	ug/Kg	☼	10/23/24 09:44	10/23/24 15:41	1
1,2-Dichlorobenzene	ND		5.5	1.2	ug/Kg	☼	10/23/24 09:44	10/23/24 15:41	1
1,2-Dichloroethane	ND		5.5	2.0	ug/Kg	☼	10/23/24 09:44	10/23/24 15:41	1
1,2-Dichloropropane	ND		5.5	0.94	ug/Kg	☼	10/23/24 09:44	10/23/24 15:41	1
1,3-Dichlorobenzene	ND		5.5	1.8	ug/Kg	☼	10/23/24 09:44	10/23/24 15:41	1
1,4-Dichlorobenzene	ND		5.5	0.97	ug/Kg	☼	10/23/24 09:44	10/23/24 15:41	1
2-Butanone (MEK)	ND		22	3.9	ug/Kg	☼	10/23/24 09:44	10/23/24 15:41	1
2-Hexanone	ND		22	4.5	ug/Kg	☼	10/23/24 09:44	10/23/24 15:41	1
4-Methyl-2-pentanone (MIBK)	ND		22	4.1	ug/Kg	☼	10/23/24 09:44	10/23/24 15:41	1
Acetone	ND		28	23	ug/Kg	☼	10/23/24 09:44	10/23/24 15:41	1
Benzene	ND		5.5	1.7	ug/Kg	☼	10/23/24 09:44	10/23/24 15:41	1
Dichlorobromomethane	ND		5.5	1.7	ug/Kg	☼	10/23/24 09:44	10/23/24 15:41	1
Bromoform	ND		5.5	2.6	ug/Kg	☼	10/23/24 09:44	10/23/24 15:41	1
Bromomethane	ND		5.5	4.6	ug/Kg	☼	10/23/24 09:44	10/23/24 15:41	1
Carbon disulfide	ND		5.5	1.3	ug/Kg	☼	10/23/24 09:44	10/23/24 15:41	1
Carbon tetrachloride	ND		5.5	3.6	ug/Kg	☼	10/23/24 09:44	10/23/24 15:41	1
Chlorobenzene	ND		5.5	1.0	ug/Kg	☼	10/23/24 09:44	10/23/24 15:41	1
Chloroethane	ND		5.5	3.0	ug/Kg	☼	10/23/24 09:44	10/23/24 15:41	1
Chloroform	ND		5.5	2.0	ug/Kg	☼	10/23/24 09:44	10/23/24 15:41	1
Chloromethane	ND		5.5	2.5	ug/Kg	☼	10/23/24 09:44	10/23/24 15:41	1
cis-1,2-Dichloroethene	ND		5.5	1.6	ug/Kg	☼	10/23/24 09:44	10/23/24 15:41	1
cis-1,3-Dichloropropene	ND		5.5	3.2	ug/Kg	☼	10/23/24 09:44	10/23/24 15:41	1
Cyclohexane	ND		11	1.5	ug/Kg	☼	10/23/24 09:44	10/23/24 15:41	1
Chlorodibromomethane	ND		5.5	3.1	ug/Kg	☼	10/23/24 09:44	10/23/24 15:41	1
Dichlorodifluoromethane	ND		5.5	2.5	ug/Kg	☼	10/23/24 09:44	10/23/24 15:41	1
Ethylbenzene	ND		5.5	1.2	ug/Kg	☼	10/23/24 09:44	10/23/24 15:41	1
Isopropylbenzene	ND		5.5	2.1	ug/Kg	☼	10/23/24 09:44	10/23/24 15:41	1
Methyl acetate	ND		28	3.7	ug/Kg	☼	10/23/24 09:44	10/23/24 15:41	1
Methyl tert-butyl ether	ND		5.5	2.2	ug/Kg	☼	10/23/24 09:44	10/23/24 15:41	1
Methylcyclohexane	ND		11	1.4	ug/Kg	☼	10/23/24 09:44	10/23/24 15:41	1
Methylene Chloride	ND		28	13	ug/Kg	☼	10/23/24 09:44	10/23/24 15:41	1
Styrene	ND		5.5	1.3	ug/Kg	☼	10/23/24 09:44	10/23/24 15:41	1
Tetrachloroethene	ND		5.5	2.1	ug/Kg	☼	10/23/24 09:44	10/23/24 15:41	1
Toluene	ND		5.5	0.85	ug/Kg	☼	10/23/24 09:44	10/23/24 15:41	1
trans-1,2-Dichloroethene	ND		5.5	1.6	ug/Kg	☼	10/23/24 09:44	10/23/24 15:41	1
trans-1,3-Dichloropropene	ND		5.5	2.0	ug/Kg	☼	10/23/24 09:44	10/23/24 15:41	1
Trichloroethene	ND		5.5	1.6	ug/Kg	☼	10/23/24 09:44	10/23/24 15:41	1
Trichlorofluoromethane	ND		5.5	3.0	ug/Kg	☼	10/23/24 09:44	10/23/24 15:41	1
Vinyl chloride	ND		5.5	1.9	ug/Kg	☼	10/23/24 09:44	10/23/24 15:41	1
Xylenes, Total	ND		11	1.7	ug/Kg	☼	10/23/24 09:44	10/23/24 15:41	1

Client: August Mack Environmental, Inc.
Project/Site: MSC Canfield

Job ID: 240-213295-1

Client Sample ID: SB-22-12.0-14.0
Date Collected: 10/16/24 15:40
Date Received: 10/17/24 16:05

Lab Sample ID: 240-213295-2
Matrix: Solid
Percent Solids: 85.7

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Toluene-d8 (Surr)	*100*		*56 - 125*	*10/23/24 09:44*	*10/23/24 15:41*	*1*
Dibromofluoromethane (Surr)	*99*		*41 - 138*	*10/23/24 09:44*	*10/23/24 15:41*	*1*
4-Bromofluorobenzene (Surr)	*92*		*41 - 143*	*10/23/24 09:44*	*10/23/24 15:41*	*1*
1,2-Dichloroethane-d4 (Surr)	*102*		*58 - 125*	*10/23/24 09:44*	*10/23/24 15:41*	*1*

Method: SW846 8270E - Semivolatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1'-Biphenyl	ND		120	32	ug/Kg	☼	10/21/24 08:49	10/22/24 13:39	1
bis (2-chloroisopropyl) ether	ND		120	30	ug/Kg	☼	10/21/24 08:49	10/22/24 13:39	1
2,4,5-Trichlorophenol	ND		170	38	ug/Kg	☼	10/21/24 08:49	10/22/24 13:39	1
2,4,6-Trichlorophenol	ND		170	34	ug/Kg	☼	10/21/24 08:49	10/22/24 13:39	1
2,4-Dichlorophenol	ND		170	31	ug/Kg	☼	10/21/24 08:49	10/22/24 13:39	1
2,4-Dimethylphenol	ND		170	42	ug/Kg	☼	10/21/24 08:49	10/22/24 13:39	1
2,4-Dinitrophenol	ND		380	200	ug/Kg	☼	10/21/24 08:49	10/22/24 13:39	1
2,4-Dinitrotoluene	ND		230	27	ug/Kg	☼	10/21/24 08:49	10/22/24 13:39	1
2,6-Dinitrotoluene	ND		230	42	ug/Kg	☼	10/21/24 08:49	10/22/24 13:39	1
2-Chloronaphthalene	ND		120	32	ug/Kg	☼	10/21/24 08:49	10/22/24 13:39	1
2-Chlorophenol	ND		120	30	ug/Kg	☼	10/21/24 08:49	10/22/24 13:39	1
2-Methylnaphthalene	ND		46	15	ug/Kg	☼	10/21/24 08:49	10/22/24 13:39	1
2-Methylphenol	ND		230	47	ug/Kg	☼	10/21/24 08:49	10/22/24 13:39	1
2-Nitroaniline	ND		230	44	ug/Kg	☼	10/21/24 08:49	10/22/24 13:39	1
2-Nitrophenol	ND		120	41	ug/Kg	☼	10/21/24 08:49	10/22/24 13:39	1
3,3'-Dichlorobenzidine	ND		170	110	ug/Kg	☼	10/21/24 08:49	10/22/24 13:39	1
3-Nitroaniline	ND		230	41	ug/Kg	☼	10/21/24 08:49	10/22/24 13:39	1
4,6-Dinitro-2-methylphenol	ND		380	120	ug/Kg	☼	10/21/24 08:49	10/22/24 13:39	1
4-Bromophenyl phenyl ether	ND		120	37	ug/Kg	☼	10/21/24 08:49	10/22/24 13:39	1
4-Chloro-3-methylphenol	ND		170	44	ug/Kg	☼	10/21/24 08:49	10/22/24 13:39	1
4-Chloroaniline	ND		170	19	ug/Kg	☼	10/21/24 08:49	10/22/24 13:39	1
4-Chlorophenyl phenyl ether	ND		120	32	ug/Kg	☼	10/21/24 08:49	10/22/24 13:39	1
4-Nitroaniline	ND		230	30	ug/Kg	☼	10/21/24 08:49	10/22/24 13:39	1
4-Nitrophenol	ND		380	100	ug/Kg	☼	10/21/24 08:49	10/22/24 13:39	1
Acenaphthene	ND		46	16	ug/Kg	☼	10/21/24 08:49	10/22/24 13:39	1
Acenaphthylene	ND		46	17	ug/Kg	☼	10/21/24 08:49	10/22/24 13:39	1
Acetophenone	ND		120	29	ug/Kg	☼	10/21/24 08:49	10/22/24 13:39	1
Anthracene	ND		46	14	ug/Kg	☼	10/21/24 08:49	10/22/24 13:39	1
Atrazine	ND		380	80	ug/Kg	☼	10/21/24 08:49	10/22/24 13:39	1
Benzaldehyde	ND		380	65	ug/Kg	☼	10/21/24 08:49	10/22/24 13:39	1
Benzo[a]anthracene	ND		46	17	ug/Kg	☼	10/21/24 08:49	10/22/24 13:39	1
Benzo[a]pyrene	ND		46	16	ug/Kg	☼	10/21/24 08:49	10/22/24 13:39	1
Benzo[b]fluoranthene	ND		46	14	ug/Kg	☼	10/21/24 08:49	10/22/24 13:39	1
Benzo[g,h,i]perylene	ND		46	31	ug/Kg	☼	10/21/24 08:49	10/22/24 13:39	1
Benzo[k]fluoranthene	ND		46	12	ug/Kg	☼	10/21/24 08:49	10/22/24 13:39	1
Bis(2-chloroethoxy)methane	ND		120	23	ug/Kg	☼	10/21/24 08:49	10/22/24 13:39	1
Bis(2-chloroethyl)ether	ND		120	25	ug/Kg	☼	10/21/24 08:49	10/22/24 13:39	1
Bis(2-ethylhexyl) phthalate	ND		170	65	ug/Kg	☼	10/21/24 08:49	10/22/24 13:39	1
Butyl benzyl phthalate	ND		170	59	ug/Kg	☼	10/21/24 08:49	10/22/24 13:39	1
Caprolactam	ND		380	80	ug/Kg	☼	10/21/24 08:49	10/22/24 13:39	1
Carbazole	ND		120	31	ug/Kg	☼	10/21/24 08:49	10/22/24 13:39	1
Chrysene	ND		46	16	ug/Kg	☼	10/21/24 08:49	10/22/24 13:39	1
Dibenz(a,h)anthracene	ND		46	17	ug/Kg	☼	10/21/24 08:49	10/22/24 13:39	1

Client Sample ID: SB-22-12.0-14.0
Date Collected: 10/16/24 15:40
Date Received: 10/17/24 16:05

Lab Sample ID: 240-213295-2
Matrix: Solid
Percent Solids: 85.7

Method: SW846 8270E - Semivolatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Dibenzofuran	ND		120	34	ug/Kg	☼	10/21/24 08:49	10/22/24 13:39	1
Diethyl phthalate	ND		170	50	ug/Kg	☼	10/21/24 08:49	10/22/24 13:39	1
Dimethyl phthalate	ND		170	46	ug/Kg	☼	10/21/24 08:49	10/22/24 13:39	1
Di-n-butyl phthalate	ND		170	59	ug/Kg	☼	10/21/24 08:49	10/22/24 13:39	1
Di-n-octyl phthalate	ND		170	58	ug/Kg	☼	10/21/24 08:49	10/22/24 13:39	1
Fluoranthene	ND		46	16	ug/Kg	☼	10/21/24 08:49	10/22/24 13:39	1
Fluorene	ND		46	16	ug/Kg	☼	10/21/24 08:49	10/22/24 13:39	1
Hexachlorobenzene	ND		46	16	ug/Kg	☼	10/21/24 08:49	10/22/24 13:39	1
Hexachlorobutadiene	ND		120	24	ug/Kg	☼	10/21/24 08:49	10/22/24 13:39	1
Hexachlorocyclopentadiene	ND		380	45	ug/Kg	☼	10/21/24 08:49	10/22/24 13:39	1
Hexachloroethane	ND		120	37	ug/Kg	☼	10/21/24 08:49	10/22/24 13:39	1
Indeno[1,2,3-cd]pyrene	ND		46	14	ug/Kg	☼	10/21/24 08:49	10/22/24 13:39	1
Isophorone	ND		120	30	ug/Kg	☼	10/21/24 08:49	10/22/24 13:39	1
N-Nitrosodi-n-propylamine	ND		120	43	ug/Kg	☼	10/21/24 08:49	10/22/24 13:39	1
N-Nitrosodiphenylamine	ND		120	31	ug/Kg	☼	10/21/24 08:49	10/22/24 13:39	1
Naphthalene	ND		46	15	ug/Kg	☼	10/21/24 08:49	10/22/24 13:39	1
Nitrobenzene	ND		120	25	ug/Kg	☼	10/21/24 08:49	10/22/24 13:39	1
Pentachlorophenol	ND		310	120	ug/Kg	☼	10/21/24 08:49	10/22/24 13:39	1
Phenanthrene	ND		46	15	ug/Kg	☼	10/21/24 08:49	10/22/24 13:39	1
Phenol	ND		120	44	ug/Kg	☼	10/21/24 08:49	10/22/24 13:39	1
Pyrene	ND		46	19	ug/Kg	☼	10/21/24 08:49	10/22/24 13:39	1
3 & 4 Methylphenol	ND		460	47	ug/Kg	☼	10/21/24 08:49	10/22/24 13:39	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Terphenyl-d14 (Surr)	*66*		*37 - 120*	*10/21/24 08:49*	*10/22/24 13:39*	*1*
Phenol-d5 (Surr)	*54*		*29 - 120*	*10/21/24 08:49*	*10/22/24 13:39*	*1*
Nitrobenzene-d5 (Surr)	*45*		*28 - 120*	*10/21/24 08:49*	*10/22/24 13:39*	*1*
2-Fluorophenol (Surr)	*55*		*26 - 120*	*10/21/24 08:49*	*10/22/24 13:39*	*1*
2-Fluorobiphenyl (Surr)	*47*		*36 - 120*	*10/21/24 08:49*	*10/22/24 13:39*	*1*
2,4,6-Tribromophenol (Surr)	*60*		*10 - 120*	*10/21/24 08:49*	*10/22/24 13:39*	*1*

Method: SW846 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aroclor-1016	ND		57	28	ug/Kg	☼	10/22/24 09:44	10/23/24 15:34	1
Aroclor-1221	ND		57	34	ug/Kg	☼	10/22/24 09:44	10/23/24 15:34	1
Aroclor-1232	ND		57	24	ug/Kg	☼	10/22/24 09:44	10/23/24 15:34	1
Aroclor-1242	ND		57	22	ug/Kg	☼	10/22/24 09:44	10/23/24 15:34	1
Aroclor-1248	ND		57	19	ug/Kg	☼	10/22/24 09:44	10/23/24 15:34	1
Aroclor-1254	ND		57	24	ug/Kg	☼	10/22/24 09:44	10/23/24 15:34	1
Aroclor-1260	ND		57	24	ug/Kg	☼	10/22/24 09:44	10/23/24 15:34	1
Aroclor-1262	ND		57	25	ug/Kg	☼	10/22/24 09:44	10/23/24 15:34	1
Aroclor-1268	ND		57	18	ug/Kg	☼	10/22/24 09:44	10/23/24 15:34	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Tetrachloro-m-xylene	*65*		*10 - 149*	*10/22/24 09:44*	*10/23/24 15:34*	*1*
DCB Decachlorobiphenyl	*72*		*10 - 174*	*10/22/24 09:44*	*10/23/24 15:34*	*1*

Method: SW846 6010D - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	**16**		1.6	0.34	mg/Kg	☼	10/21/24 15:00	10/22/24 23:10	1

Client: August Mack Environmental, Inc.
Project/Site: MSC Canfield

Job ID: 240-213295-1

Client Sample ID: SB-22-12.0-14.0
Date Collected: 10/16/24 15:40
Date Received: 10/17/24 16:05

Lab Sample ID: 240-213295-2
Matrix: Solid
Percent Solids: 85.7

Method: SW846 6010D - Metals (ICP) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Barium	**38**		22	0.14	mg/Kg	☼	10/21/24 15:00	10/22/24 23:10	1
Cadmium	ND		0.54	0.052	mg/Kg	☼	10/21/24 15:00	10/22/24 23:10	1
Chromium	**15**		1.1	0.37	mg/Kg	☼	10/21/24 15:00	10/22/24 23:10	1
Copper	**19**		2.7	0.76	mg/Kg	☼	10/21/24 15:00	10/22/24 23:10	1
Lead	**10**		1.1	0.30	mg/Kg	☼	10/21/24 15:00	10/22/24 23:10	1
Selenium	ND		2.2	0.51	mg/Kg	☼	10/21/24 15:00	10/22/24 23:10	1
Silver	ND		1.1	0.087	mg/Kg	☼	10/21/24 15:00	10/22/24 23:10	1
Zinc	**59**		5.4	3.9	mg/Kg	☼	10/21/24 15:00	10/22/24 23:10	1

Method: SW846 7471B - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	ND		0.11	0.020	mg/Kg	☼	10/21/24 15:00	10/22/24 11:23	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cr (VI) (SW846 7196A)	ND		0.49	0.16	mg/Kg	☼	10/28/24 10:33	10/29/24 20:02	1
Cyanide, Total (SW846 9012B)	ND		0.63	0.50	mg/Kg	☼	10/29/24 09:44	10/29/24 12:08	1

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Solids (EPA Moisture)	**85.7**		0.1	0.1	%			10/18/24 11:57	1
Percent Moisture (EPA Moisture)	**14.3**		0.1	0.1	%			10/18/24 11:57	1

General Chemistry - ASTM Leach

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cyanide, Free (OI CORP OIA-1677)	ND		0.0060	0.0050	mg/L			10/30/24 15:34	1

Client: August Mack Environmental, Inc.
Project/Site: MSC Canfield

Job ID: 240-213295-1

Client Sample ID: SB-22-18.0-20.0
Date Collected: 10/16/24 15:52
Date Received: 10/17/24 16:05

Lab Sample ID: 240-213295-3
Matrix: Solid
Percent Solids: 85.8

Method: SW846 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		5.7	2.0	ug/Kg	☼	10/23/24 09:44	10/23/24 16:02	1
1,1,2,2-Tetrachloroethane	ND		5.7	1.6	ug/Kg	☼	10/23/24 09:44	10/23/24 16:02	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		5.7	1.5	ug/Kg	☼	10/23/24 09:44	10/23/24 16:02	1
1,1,2-Trichloroethane	ND		5.7	1.3	ug/Kg	☼	10/23/24 09:44	10/23/24 16:02	1
1,1-Dichloroethane	ND		5.7	1.6	ug/Kg	☼	10/23/24 09:44	10/23/24 16:02	1
1,1-Dichloroethene	ND		5.7	2.1	ug/Kg	☼	10/23/24 09:44	10/23/24 16:02	1
1,2,4-Trichlorobenzene	ND		5.7	2.8	ug/Kg	☼	10/23/24 09:44	10/23/24 16:02	1
1,2-Dibromo-3-Chloropropane	ND		11	4.1	ug/Kg	☼	10/23/24 09:44	10/23/24 16:02	1
Ethylene Dibromide	ND		5.7	1.9	ug/Kg	☼	10/23/24 09:44	10/23/24 16:02	1
1,2-Dichlorobenzene	ND		5.7	1.3	ug/Kg	☼	10/23/24 09:44	10/23/24 16:02	1
1,2-Dichloroethane	ND		5.7	2.1	ug/Kg	☼	10/23/24 09:44	10/23/24 16:02	1
1,2-Dichloropropane	ND		5.7	0.97	ug/Kg	☼	10/23/24 09:44	10/23/24 16:02	1
1,3-Dichlorobenzene	ND		5.7	1.9	ug/Kg	☼	10/23/24 09:44	10/23/24 16:02	1
1,4-Dichlorobenzene	ND		5.7	1.0	ug/Kg	☼	10/23/24 09:44	10/23/24 16:02	1
2-Butanone (MEK)	ND		23	4.0	ug/Kg	☼	10/23/24 09:44	10/23/24 16:02	1
2-Hexanone	ND		23	4.6	ug/Kg	☼	10/23/24 09:44	10/23/24 16:02	1
4-Methyl-2-pentanone (MIBK)	ND		23	4.2	ug/Kg	☼	10/23/24 09:44	10/23/24 16:02	1
Acetone	ND		28	24	ug/Kg	☼	10/23/24 09:44	10/23/24 16:02	1
Benzene	ND		5.7	1.7	ug/Kg	☼	10/23/24 09:44	10/23/24 16:02	1
Dichlorobromomethane	ND		5.7	1.7	ug/Kg	☼	10/23/24 09:44	10/23/24 16:02	1
Bromoform	ND		5.7	2.7	ug/Kg	☼	10/23/24 09:44	10/23/24 16:02	1
Bromomethane	ND		5.7	4.7	ug/Kg	☼	10/23/24 09:44	10/23/24 16:02	1
Carbon disulfide	ND		5.7	1.3	ug/Kg	☼	10/23/24 09:44	10/23/24 16:02	1
Carbon tetrachloride	ND		5.7	3.7	ug/Kg	☼	10/23/24 09:44	10/23/24 16:02	1
Chlorobenzene	ND		5.7	1.0	ug/Kg	☼	10/23/24 09:44	10/23/24 16:02	1
Chloroethane	ND		5.7	3.1	ug/Kg	☼	10/23/24 09:44	10/23/24 16:02	1
Chloroform	ND		5.7	2.0	ug/Kg	☼	10/23/24 09:44	10/23/24 16:02	1
Chloromethane	ND		5.7	2.6	ug/Kg	☼	10/23/24 09:44	10/23/24 16:02	1
cis-1,2-Dichloroethene	ND		5.7	1.7	ug/Kg	☼	10/23/24 09:44	10/23/24 16:02	1
cis-1,3-Dichloropropene	ND		5.7	3.3	ug/Kg	☼	10/23/24 09:44	10/23/24 16:02	1
Cyclohexane	ND		11	1.6	ug/Kg	☼	10/23/24 09:44	10/23/24 16:02	1
Chlorodibromomethane	ND		5.7	3.2	ug/Kg	☼	10/23/24 09:44	10/23/24 16:02	1
Dichlorodifluoromethane	ND		5.7	2.6	ug/Kg	☼	10/23/24 09:44	10/23/24 16:02	1
Ethylbenzene	ND		5.7	1.2	ug/Kg	☼	10/23/24 09:44	10/23/24 16:02	1
Isopropylbenzene	ND		5.7	2.2	ug/Kg	☼	10/23/24 09:44	10/23/24 16:02	1
Methyl acetate	ND		28	3.9	ug/Kg	☼	10/23/24 09:44	10/23/24 16:02	1
Methyl tert-butyl ether	ND		5.7	2.3	ug/Kg	☼	10/23/24 09:44	10/23/24 16:02	1
Methylcyclohexane	ND		11	1.4	ug/Kg	☼	10/23/24 09:44	10/23/24 16:02	1
Methylene Chloride	ND		28	14	ug/Kg	☼	10/23/24 09:44	10/23/24 16:02	1
Styrene	ND		5.7	1.3	ug/Kg	☼	10/23/24 09:44	10/23/24 16:02	1
Tetrachloroethene	ND		5.7	2.2	ug/Kg	☼	10/23/24 09:44	10/23/24 16:02	1
Toluene	ND		5.7	0.88	ug/Kg	☼	10/23/24 09:44	10/23/24 16:02	1
trans-1,2-Dichloroethene	ND		5.7	1.6	ug/Kg	☼	10/23/24 09:44	10/23/24 16:02	1
trans-1,3-Dichloropropene	ND		5.7	2.1	ug/Kg	☼	10/23/24 09:44	10/23/24 16:02	1
Trichloroethene	ND		5.7	1.6	ug/Kg	☼	10/23/24 09:44	10/23/24 16:02	1
Trichlorofluoromethane	ND		5.7	3.1	ug/Kg	☼	10/23/24 09:44	10/23/24 16:02	1
Vinyl chloride	ND		5.7	2.0	ug/Kg	☼	10/23/24 09:44	10/23/24 16:02	1
Xylenes, Total	ND		11	1.8	ug/Kg	☼	10/23/24 09:44	10/23/24 16:02	1

Client Sample ID: SB-22-18.0-20.0
Date Collected: 10/16/24 15:52
Date Received: 10/17/24 16:05

Lab Sample ID: 240-213295-3
Matrix: Solid
Percent Solids: 85.8

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Toluene-d8 (Surr)	*101*		*56 - 125*	*10/23/24 09:44*	*10/23/24 16:02*	*1*
Dibromofluoromethane (Surr)	*98*		*41 - 138*	*10/23/24 09:44*	*10/23/24 16:02*	*1*
4-Bromofluorobenzene (Surr)	*94*		*41 - 143*	*10/23/24 09:44*	*10/23/24 16:02*	*1*
1,2-Dichloroethane-d4 (Surr)	*99*		*58 - 125*	*10/23/24 09:44*	*10/23/24 16:02*	*1*

Method: SW846 8270E - Semivolatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1'-Biphenyl	ND		120	32	ug/Kg	☼	10/21/24 08:49	10/22/24 14:03	1
bis (2-chloroisopropyl) ether	ND		120	30	ug/Kg	☼	10/21/24 08:49	10/22/24 14:03	1
2,4,5-Trichlorophenol	ND		170	38	ug/Kg	☼	10/21/24 08:49	10/22/24 14:03	1
2,4,6-Trichlorophenol	ND		170	34	ug/Kg	☼	10/21/24 08:49	10/22/24 14:03	1
2,4-Dichlorophenol	ND		170	31	ug/Kg	☼	10/21/24 08:49	10/22/24 14:03	1
2,4-Dimethylphenol	ND		170	42	ug/Kg	☼	10/21/24 08:49	10/22/24 14:03	1
2,4-Dinitrophenol	ND		380	200	ug/Kg	☼	10/21/24 08:49	10/22/24 14:03	1
2,4-Dinitrotoluene	ND		230	27	ug/Kg	☼	10/21/24 08:49	10/22/24 14:03	1
2,6-Dinitrotoluene	ND		230	42	ug/Kg	☼	10/21/24 08:49	10/22/24 14:03	1
2-Chloronaphthalene	ND		120	32	ug/Kg	☼	10/21/24 08:49	10/22/24 14:03	1
2-Chlorophenol	ND		120	30	ug/Kg	☼	10/21/24 08:49	10/22/24 14:03	1
2-Methylnaphthalene	**18**	**J**	46	15	ug/Kg	☼	10/21/24 08:49	10/22/24 14:03	1
2-Methylphenol	ND		230	47	ug/Kg	☼	10/21/24 08:49	10/22/24 14:03	1
2-Nitroaniline	ND		230	44	ug/Kg	☼	10/21/24 08:49	10/22/24 14:03	1
2-Nitrophenol	ND		120	41	ug/Kg	☼	10/21/24 08:49	10/22/24 14:03	1
3,3'-Dichlorobenzidine	ND		170	110	ug/Kg	☼	10/21/24 08:49	10/22/24 14:03	1
3-Nitroaniline	ND		230	41	ug/Kg	☼	10/21/24 08:49	10/22/24 14:03	1
4,6-Dinitro-2-methylphenol	ND		380	120	ug/Kg	☼	10/21/24 08:49	10/22/24 14:03	1
4-Bromophenyl phenyl ether	ND		120	37	ug/Kg	☼	10/21/24 08:49	10/22/24 14:03	1
4-Chloro-3-methylphenol	ND		170	44	ug/Kg	☼	10/21/24 08:49	10/22/24 14:03	1
4-Chloroaniline	ND		170	19	ug/Kg	☼	10/21/24 08:49	10/22/24 14:03	1
4-Chlorophenyl phenyl ether	ND		120	32	ug/Kg	☼	10/21/24 08:49	10/22/24 14:03	1
4-Nitroaniline	ND		230	30	ug/Kg	☼	10/21/24 08:49	10/22/24 14:03	1
4-Nitrophenol	ND		380	100	ug/Kg	☼	10/21/24 08:49	10/22/24 14:03	1
Acenaphthene	ND		46	16	ug/Kg	☼	10/21/24 08:49	10/22/24 14:03	1
Acenaphthylene	ND		46	17	ug/Kg	☼	10/21/24 08:49	10/22/24 14:03	1
Acetophenone	ND		120	29	ug/Kg	☼	10/21/24 08:49	10/22/24 14:03	1
Anthracene	ND		46	14	ug/Kg	☼	10/21/24 08:49	10/22/24 14:03	1
Atrazine	ND		380	80	ug/Kg	☼	10/21/24 08:49	10/22/24 14:03	1
Benzaldehyde	ND		380	65	ug/Kg	☼	10/21/24 08:49	10/22/24 14:03	1
Benzo[a]anthracene	ND		46	17	ug/Kg	☼	10/21/24 08:49	10/22/24 14:03	1
Benzo[a]pyrene	ND		46	16	ug/Kg	☼	10/21/24 08:49	10/22/24 14:03	1
Benzo[b]fluoranthene	ND		46	14	ug/Kg	☼	10/21/24 08:49	10/22/24 14:03	1
Benzo[g,h,i]perylene	**31**	**J**	46	31	ug/Kg	☼	10/21/24 08:49	10/22/24 14:03	1
Benzo[k]fluoranthene	ND		46	12	ug/Kg	☼	10/21/24 08:49	10/22/24 14:03	1
Bis(2-chloroethoxy)methane	ND		120	23	ug/Kg	☼	10/21/24 08:49	10/22/24 14:03	1
Bis(2-chloroethyl)ether	ND		120	25	ug/Kg	☼	10/21/24 08:49	10/22/24 14:03	1
Bis(2-ethylhexyl) phthalate	ND		170	65	ug/Kg	☼	10/21/24 08:49	10/22/24 14:03	1
Butyl benzyl phthalate	ND		170	59	ug/Kg	☼	10/21/24 08:49	10/22/24 14:03	1
Caprolactam	ND		380	80	ug/Kg	☼	10/21/24 08:49	10/22/24 14:03	1
Carbazole	ND		120	31	ug/Kg	☼	10/21/24 08:49	10/22/24 14:03	1
Chrysene	ND		46	16	ug/Kg	☼	10/21/24 08:49	10/22/24 14:03	1
Dibenz(a,h)anthracene	ND		46	17	ug/Kg	☼	10/21/24 08:49	10/22/24 14:03	1

Client Sample ID: SB-22-18.0-20.0
Date Collected: 10/16/24 15:52
Date Received: 10/17/24 16:05

Lab Sample ID: 240-213295-3
Matrix: Solid
Percent Solids: 85.8

Method: SW846 8270E - Semivolatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Dibenzofuran	ND		120	34	ug/Kg	☼	10/21/24 08:49	10/22/24 14:03	1
Diethyl phthalate	ND		170	50	ug/Kg	☼	10/21/24 08:49	10/22/24 14:03	1
Dimethyl phthalate	ND		170	46	ug/Kg	☼	10/21/24 08:49	10/22/24 14:03	1
Di-n-butyl phthalate	ND		170	59	ug/Kg	☼	10/21/24 08:49	10/22/24 14:03	1
Di-n-octyl phthalate	ND		170	58	ug/Kg	☼	10/21/24 08:49	10/22/24 14:03	1
Fluoranthene	ND		46	16	ug/Kg	☼	10/21/24 08:49	10/22/24 14:03	1
Fluorene	ND		46	16	ug/Kg	☼	10/21/24 08:49	10/22/24 14:03	1
Hexachlorobenzene	ND		46	16	ug/Kg	☼	10/21/24 08:49	10/22/24 14:03	1
Hexachlorobutadiene	ND		120	24	ug/Kg	☼	10/21/24 08:49	10/22/24 14:03	1
Hexachlorocyclopentadiene	ND		380	45	ug/Kg	☼	10/21/24 08:49	10/22/24 14:03	1
Hexachloroethane	ND		120	37	ug/Kg	☼	10/21/24 08:49	10/22/24 14:03	1
Indeno[1,2,3-cd]pyrene	ND		46	14	ug/Kg	☼	10/21/24 08:49	10/22/24 14:03	1
Isophorone	ND		120	30	ug/Kg	☼	10/21/24 08:49	10/22/24 14:03	1
N-Nitrosodi-n-propylamine	ND		120	43	ug/Kg	☼	10/21/24 08:49	10/22/24 14:03	1
N-Nitrosodiphenylamine	ND		120	31	ug/Kg	☼	10/21/24 08:49	10/22/24 14:03	1
Naphthalene	ND		46	15	ug/Kg	☼	10/21/24 08:49	10/22/24 14:03	1
Nitrobenzene	ND		120	25	ug/Kg	☼	10/21/24 08:49	10/22/24 14:03	1
Pentachlorophenol	ND		310	120	ug/Kg	☼	10/21/24 08:49	10/22/24 14:03	1
Phenanthrene	**18**	**J**	46	15	ug/Kg	☼	10/21/24 08:49	10/22/24 14:03	1
Phenol	ND		120	44	ug/Kg	☼	10/21/24 08:49	10/22/24 14:03	1
Pyrene	**21**	**J**	46	19	ug/Kg	☼	10/21/24 08:49	10/22/24 14:03	1
3 & 4 Methylphenol	ND		460	47	ug/Kg	☼	10/21/24 08:49	10/22/24 14:03	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Terphenyl-d14 (Surr)	*72*		*37 - 120*	*10/21/24 08:49*	*10/22/24 14:03*	*1*
Phenol-d5 (Surr)	*60*		*29 - 120*	*10/21/24 08:49*	*10/22/24 14:03*	*1*
Nitrobenzene-d5 (Surr)	*52*		*28 - 120*	*10/21/24 08:49*	*10/22/24 14:03*	*1*
2-Fluorophenol (Surr)	*59*		*26 - 120*	*10/21/24 08:49*	*10/22/24 14:03*	*1*
2-Fluorobiphenyl (Surr)	*58*		*36 - 120*	*10/21/24 08:49*	*10/22/24 14:03*	*1*
2,4,6-Tribromophenol (Surr)	*59*		*10 - 120*	*10/21/24 08:49*	*10/22/24 14:03*	*1*

Method: SW846 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aroclor-1016	ND		56	28	ug/Kg	☼	10/22/24 09:44	10/23/24 15:50	1
Aroclor-1221	ND		56	34	ug/Kg	☼	10/22/24 09:44	10/23/24 15:50	1
Aroclor-1232	ND		56	23	ug/Kg	☼	10/22/24 09:44	10/23/24 15:50	1
Aroclor-1242	ND		56	21	ug/Kg	☼	10/22/24 09:44	10/23/24 15:50	1
Aroclor-1248	ND		56	19	ug/Kg	☼	10/22/24 09:44	10/23/24 15:50	1
Aroclor-1254	ND		56	23	ug/Kg	☼	10/22/24 09:44	10/23/24 15:50	1
Aroclor-1260	ND		56	23	ug/Kg	☼	10/22/24 09:44	10/23/24 15:50	1
Aroclor-1262	ND		56	25	ug/Kg	☼	10/22/24 09:44	10/23/24 15:50	1
Aroclor-1268	ND		56	18	ug/Kg	☼	10/22/24 09:44	10/23/24 15:50	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Tetrachloro-m-xylene	*64*		*10 - 149*	*10/22/24 09:44*	*10/23/24 15:50*	*1*
DCB Decachlorobiphenyl	*62*		*10 - 174*	*10/22/24 09:44*	*10/23/24 15:50*	*1*

Method: SW846 6010D - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	**12**		1.4	0.30	mg/Kg	☼	10/21/24 15:00	10/22/24 23:15	1

Client: August Mack Environmental, Inc.
Project/Site: MSC Canfield

Job ID: 240-213295-1

Client Sample ID: SB-22-18.0-20.0
Date Collected: 10/16/24 15:52
Date Received: 10/17/24 16:05

Lab Sample ID: 240-213295-3
Matrix: Solid
Percent Solids: 85.8

Method: SW846 6010D - Metals (ICP) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Barium	32		19	0.12	mg/Kg	☼	10/21/24 15:00	10/22/24 23:15	1
Cadmium	0.095	J	0.48	0.046	mg/Kg	☼	10/21/24 15:00	10/22/24 23:15	1
Chromium	12		0.96	0.33	mg/Kg	☼	10/21/24 15:00	10/22/24 23:15	1
Copper	17		2.4	0.68	mg/Kg	☼	10/21/24 15:00	10/22/24 23:15	1
Lead	9.7		0.96	0.27	mg/Kg	☼	10/21/24 15:00	10/22/24 23:15	1
Selenium	0.59	J	1.9	0.45	mg/Kg	☼	10/21/24 15:00	10/22/24 23:15	1
Silver	ND		0.96	0.078	mg/Kg	☼	10/21/24 15:00	10/22/24 23:15	1
Zinc	64		4.8	3.5	mg/Kg	☼	10/21/24 15:00	10/22/24 23:15	1

Method: SW846 7471B - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	ND		0.11	0.021	mg/Kg	☼	10/21/24 15:00	10/22/24 11:25	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cr (VI) (SW846 7196A)	ND		0.48	0.16	mg/Kg	☼	10/28/24 10:33	10/29/24 20:02	1
Cyanide, Total (SW846 9012B)	ND		0.69	0.55	mg/Kg	☼	10/29/24 09:44	10/29/24 12:10	1

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Solids (EPA Moisture)	85.8		0.1	0.1	%			10/18/24 11:57	1
Percent Moisture (EPA Moisture)	14.2		0.1	0.1	%			10/18/24 11:57	1

General Chemistry - ASTM Leach

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cyanide, Free (OI CORP OIA-1677)	ND		0.0060	0.0050	mg/L			10/30/24 15:27	1

Client: August Mack Environmental, Inc.
Project/Site: MSC Canfield

Job ID: 240-213295-1

Client Sample ID: SB-11-22.0-24.0
Date Collected: 10/17/24 09:46
Date Received: 10/17/24 16:05

Lab Sample ID: 240-213295-4
Matrix: Solid
Percent Solids: 88.6

Method: SW846 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		5.4	1.9	ug/Kg	☼	10/23/24 09:44	10/23/24 16:23	1
1,1,2,2-Tetrachloroethane	ND		5.4	1.5	ug/Kg	☼	10/23/24 09:44	10/23/24 16:23	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		5.4	1.4	ug/Kg	☼	10/23/24 09:44	10/23/24 16:23	1
1,1,2-Trichloroethane	ND		5.4	1.2	ug/Kg	☼	10/23/24 09:44	10/23/24 16:23	1
1,1-Dichloroethane	ND		5.4	1.5	ug/Kg	☼	10/23/24 09:44	10/23/24 16:23	1
1,1-Dichloroethene	ND		5.4	2.0	ug/Kg	☼	10/23/24 09:44	10/23/24 16:23	1
1,2,4-Trichlorobenzene	ND		5.4	2.7	ug/Kg	☼	10/23/24 09:44	10/23/24 16:23	1
1,2-Dibromo-3-Chloropropane	ND		11	3.9	ug/Kg	☼	10/23/24 09:44	10/23/24 16:23	1
Ethylene Dibromide	ND		5.4	1.8	ug/Kg	☼	10/23/24 09:44	10/23/24 16:23	1
1,2-Dichlorobenzene	ND		5.4	1.2	ug/Kg	☼	10/23/24 09:44	10/23/24 16:23	1
1,2-Dichloroethane	ND		5.4	1.9	ug/Kg	☼	10/23/24 09:44	10/23/24 16:23	1
1,2-Dichloropropane	ND		5.4	0.92	ug/Kg	☼	10/23/24 09:44	10/23/24 16:23	1
1,3-Dichlorobenzene	ND		5.4	1.8	ug/Kg	☼	10/23/24 09:44	10/23/24 16:23	1
1,4-Dichlorobenzene	ND		5.4	0.95	ug/Kg	☼	10/23/24 09:44	10/23/24 16:23	1
2-Butanone (MEK)	ND		22	3.8	ug/Kg	☼	10/23/24 09:44	10/23/24 16:23	1
2-Hexanone	ND		22	4.4	ug/Kg	☼	10/23/24 09:44	10/23/24 16:23	1
4-Methyl-2-pentanone (MIBK)	ND		22	4.0	ug/Kg	☼	10/23/24 09:44	10/23/24 16:23	1
Acetone	ND		27	23	ug/Kg	☼	10/23/24 09:44	10/23/24 16:23	1
Benzene	ND		5.4	1.6	ug/Kg	☼	10/23/24 09:44	10/23/24 16:23	1
Dichlorobromomethane	ND		5.4	1.6	ug/Kg	☼	10/23/24 09:44	10/23/24 16:23	1
Bromoform	ND		5.4	2.6	ug/Kg	☼	10/23/24 09:44	10/23/24 16:23	1
Bromomethane	ND		5.4	4.5	ug/Kg	☼	10/23/24 09:44	10/23/24 16:23	1
Carbon disulfide	ND		5.4	1.3	ug/Kg	☼	10/23/24 09:44	10/23/24 16:23	1
Carbon tetrachloride	ND		5.4	3.5	ug/Kg	☼	10/23/24 09:44	10/23/24 16:23	1
Chlorobenzene	ND		5.4	0.99	ug/Kg	☼	10/23/24 09:44	10/23/24 16:23	1
Chloroethane	ND		5.4	3.0	ug/Kg	☼	10/23/24 09:44	10/23/24 16:23	1
Chloroform	ND		5.4	1.9	ug/Kg	☼	10/23/24 09:44	10/23/24 16:23	1
Chloromethane	ND		5.4	2.5	ug/Kg	☼	10/23/24 09:44	10/23/24 16:23	1
cis-1,2-Dichloroethene	ND		5.4	1.6	ug/Kg	☼	10/23/24 09:44	10/23/24 16:23	1
cis-1,3-Dichloropropene	ND		5.4	3.1	ug/Kg	☼	10/23/24 09:44	10/23/24 16:23	1
Cyclohexane	ND		11	1.5	ug/Kg	☼	10/23/24 09:44	10/23/24 16:23	1
Chlorodibromomethane	ND		5.4	3.0	ug/Kg	☼	10/23/24 09:44	10/23/24 16:23	1
Dichlorodifluoromethane	ND		5.4	2.4	ug/Kg	☼	10/23/24 09:44	10/23/24 16:23	1
Ethylbenzene	ND		5.4	1.1	ug/Kg	☼	10/23/24 09:44	10/23/24 16:23	1
Isopropylbenzene	ND		5.4	2.1	ug/Kg	☼	10/23/24 09:44	10/23/24 16:23	1
Methyl acetate	ND		27	3.7	ug/Kg	☼	10/23/24 09:44	10/23/24 16:23	1
Methyl tert-butyl ether	ND		5.4	2.1	ug/Kg	☼	10/23/24 09:44	10/23/24 16:23	1
Methylcyclohexane	ND		11	1.3	ug/Kg	☼	10/23/24 09:44	10/23/24 16:23	1
Methylene Chloride	ND		27	13	ug/Kg	☼	10/23/24 09:44	10/23/24 16:23	1
Styrene	ND		5.4	1.2	ug/Kg	☼	10/23/24 09:44	10/23/24 16:23	1
Tetrachloroethene	ND		5.4	2.1	ug/Kg	☼	10/23/24 09:44	10/23/24 16:23	1
Toluene	ND		5.4	0.83	ug/Kg	☼	10/23/24 09:44	10/23/24 16:23	1
trans-1,2-Dichloroethene	ND		5.4	1.5	ug/Kg	☼	10/23/24 09:44	10/23/24 16:23	1
trans-1,3-Dichloropropene	ND		5.4	2.0	ug/Kg	☼	10/23/24 09:44	10/23/24 16:23	1
Trichloroethene	ND		5.4	1.5	ug/Kg	☼	10/23/24 09:44	10/23/24 16:23	1
Trichlorofluoromethane	ND		5.4	2.9	ug/Kg	☼	10/23/24 09:44	10/23/24 16:23	1
Vinyl chloride	ND		5.4	1.9	ug/Kg	☼	10/23/24 09:44	10/23/24 16:23	1
Xylenes, Total	ND		11	1.7	ug/Kg	☼	10/23/24 09:44	10/23/24 16:23	1

Client Sample ID: SB-11-22.0-24.0
Date Collected: 10/17/24 09:46
Date Received: 10/17/24 16:05

Lab Sample ID: 240-213295-4
Matrix: Solid
Percent Solids: 88.6

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Toluene-d8 (Surr)	*112*		*56 - 125*	*10/23/24 09:44*	*10/23/24 16:23*	*1*
Dibromofluoromethane (Surr)	*97*		*41 - 138*	*10/23/24 09:44*	*10/23/24 16:23*	*1*
4-Bromofluorobenzene (Surr)	*111*		*41 - 143*	*10/23/24 09:44*	*10/23/24 16:23*	*1*
1,2-Dichloroethane-d4 (Surr)	*97*		*58 - 125*	*10/23/24 09:44*	*10/23/24 16:23*	*1*

Method: SW846 8270E - Semivolatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1'-Biphenyl	ND		110	31	ug/Kg	☼	10/21/24 08:49	10/22/24 14:27	1
bis (2-chloroisopropyl) ether	ND		110	29	ug/Kg	☼	10/21/24 08:49	10/22/24 14:27	1
2,4,5-Trichlorophenol	ND		170	37	ug/Kg	☼	10/21/24 08:49	10/22/24 14:27	1
2,4,6-Trichlorophenol	ND		170	32	ug/Kg	☼	10/21/24 08:49	10/22/24 14:27	1
2,4-Dichlorophenol	ND		170	30	ug/Kg	☼	10/21/24 08:49	10/22/24 14:27	1
2,4-Dimethylphenol	ND		170	40	ug/Kg	☼	10/21/24 08:49	10/22/24 14:27	1
2,4-Dinitrophenol	ND		370	190	ug/Kg	☼	10/21/24 08:49	10/22/24 14:27	1
2,4-Dinitrotoluene	ND		220	26	ug/Kg	☼	10/21/24 08:49	10/22/24 14:27	1
2,6-Dinitrotoluene	ND		220	40	ug/Kg	☼	10/21/24 08:49	10/22/24 14:27	1
2-Chloronaphthalene	ND		110	31	ug/Kg	☼	10/21/24 08:49	10/22/24 14:27	1
2-Chlorophenol	ND		110	29	ug/Kg	☼	10/21/24 08:49	10/22/24 14:27	1
2-Methylnaphthalene	**26**	**J**	45	15	ug/Kg	☼	10/21/24 08:49	10/22/24 14:27	1
2-Methylphenol	ND		220	46	ug/Kg	☼	10/21/24 08:49	10/22/24 14:27	1
2-Nitroaniline	ND		220	43	ug/Kg	☼	10/21/24 08:49	10/22/24 14:27	1
2-Nitrophenol	ND		110	39	ug/Kg	☼	10/21/24 08:49	10/22/24 14:27	1
3,3'-Dichlorobenzidine	ND		170	110	ug/Kg	☼	10/21/24 08:49	10/22/24 14:27	1
3-Nitroaniline	ND		220	39	ug/Kg	☼	10/21/24 08:49	10/22/24 14:27	1
4,6-Dinitro-2-methylphenol	ND		370	120	ug/Kg	☼	10/21/24 08:49	10/22/24 14:27	1
4-Bromophenyl phenyl ether	ND		110	36	ug/Kg	☼	10/21/24 08:49	10/22/24 14:27	1
4-Chloro-3-methylphenol	ND		170	43	ug/Kg	☼	10/21/24 08:49	10/22/24 14:27	1
4-Chloroaniline	ND		170	18	ug/Kg	☼	10/21/24 08:49	10/22/24 14:27	1
4-Chlorophenyl phenyl ether	ND		110	31	ug/Kg	☼	10/21/24 08:49	10/22/24 14:27	1
4-Nitroaniline	ND		220	29	ug/Kg	☼	10/21/24 08:49	10/22/24 14:27	1
4-Nitrophenol	ND		370	100	ug/Kg	☼	10/21/24 08:49	10/22/24 14:27	1
Acenaphthene	ND		45	16	ug/Kg	☼	10/21/24 08:49	10/22/24 14:27	1
Acenaphthylene	ND		45	17	ug/Kg	☼	10/21/24 08:49	10/22/24 14:27	1
Acetophenone	ND		110	28	ug/Kg	☼	10/21/24 08:49	10/22/24 14:27	1
Anthracene	ND		45	13	ug/Kg	☼	10/21/24 08:49	10/22/24 14:27	1
Atrazine	ND		370	77	ug/Kg	☼	10/21/24 08:49	10/22/24 14:27	1
Benzaldehyde	ND		370	63	ug/Kg	☼	10/21/24 08:49	10/22/24 14:27	1
Benzo[a]anthracene	ND		45	17	ug/Kg	☼	10/21/24 08:49	10/22/24 14:27	1
Benzo[a]pyrene	ND		45	16	ug/Kg	☼	10/21/24 08:49	10/22/24 14:27	1
Benzo[b]fluoranthene	ND		45	13	ug/Kg	☼	10/21/24 08:49	10/22/24 14:27	1
Benzo[g,h,i]perylene	ND		45	30	ug/Kg	☼	10/21/24 08:49	10/22/24 14:27	1
Benzo[k]fluoranthene	ND		45	11	ug/Kg	☼	10/21/24 08:49	10/22/24 14:27	1
Bis(2-chloroethoxy)methane	ND		110	22	ug/Kg	☼	10/21/24 08:49	10/22/24 14:27	1
Bis(2-chloroethyl)ether	ND		110	25	ug/Kg	☼	10/21/24 08:49	10/22/24 14:27	1
Bis(2-ethylhexyl) phthalate	ND		170	63	ug/Kg	☼	10/21/24 08:49	10/22/24 14:27	1
Butyl benzyl phthalate	ND		170	57	ug/Kg	☼	10/21/24 08:49	10/22/24 14:27	1
Caprolactam	ND		370	77	ug/Kg	☼	10/21/24 08:49	10/22/24 14:27	1
Carbazole	ND		110	30	ug/Kg	☼	10/21/24 08:49	10/22/24 14:27	1
Chrysene	ND		45	16	ug/Kg	☼	10/21/24 08:49	10/22/24 14:27	1
Dibenz(a,h)anthracene	ND		45	17	ug/Kg	☼	10/21/24 08:49	10/22/24 14:27	1

Client Sample ID: SB-11-22.0-24.0
Date Collected: 10/17/24 09:46
Date Received: 10/17/24 16:05

Lab Sample ID: 240-213295-4
Matrix: Solid
Percent Solids: 88.6

Method: SW846 8270E - Semivolatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Dibenzofuran	ND		110	32	ug/Kg	☼	10/21/24 08:49	10/22/24 14:27	1
Diethyl phthalate	ND		170	48	ug/Kg	☼	10/21/24 08:49	10/22/24 14:27	1
Dimethyl phthalate	ND		170	45	ug/Kg	☼	10/21/24 08:49	10/22/24 14:27	1
Di-n-butyl phthalate	ND		170	57	ug/Kg	☼	10/21/24 08:49	10/22/24 14:27	1
Di-n-octyl phthalate	ND		170	56	ug/Kg	☼	10/21/24 08:49	10/22/24 14:27	1
Fluoranthene	ND		45	16	ug/Kg	☼	10/21/24 08:49	10/22/24 14:27	1
Fluorene	ND		45	16	ug/Kg	☼	10/21/24 08:49	10/22/24 14:27	1
Hexachlorobenzene	ND		45	16	ug/Kg	☼	10/21/24 08:49	10/22/24 14:27	1
Hexachlorobutadiene	ND		110	23	ug/Kg	☼	10/21/24 08:49	10/22/24 14:27	1
Hexachlorocyclopentadiene	ND		370	44	ug/Kg	☼	10/21/24 08:49	10/22/24 14:27	1
Hexachloroethane	ND		110	36	ug/Kg	☼	10/21/24 08:49	10/22/24 14:27	1
Indeno[1,2,3-cd]pyrene	ND		45	13	ug/Kg	☼	10/21/24 08:49	10/22/24 14:27	1
Isophorone	ND		110	29	ug/Kg	☼	10/21/24 08:49	10/22/24 14:27	1
N-Nitrosodi-n-propylamine	ND		110	41	ug/Kg	☼	10/21/24 08:49	10/22/24 14:27	1
N-Nitrosodiphenylamine	ND		110	30	ug/Kg	☼	10/21/24 08:49	10/22/24 14:27	1
Naphthalene	ND		45	15	ug/Kg	☼	10/21/24 08:49	10/22/24 14:27	1
Nitrobenzene	ND		110	25	ug/Kg	☼	10/21/24 08:49	10/22/24 14:27	1
Pentachlorophenol	ND		300	120	ug/Kg	☼	10/21/24 08:49	10/22/24 14:27	1
Phenanthrene	**34**	**J**	45	15	ug/Kg	☼	10/21/24 08:49	10/22/24 14:27	1
Phenol	ND		110	43	ug/Kg	☼	10/21/24 08:49	10/22/24 14:27	1
Pyrene	ND		45	18	ug/Kg	☼	10/21/24 08:49	10/22/24 14:27	1
3 & 4 Methylphenol	ND		450	46	ug/Kg	☼	10/21/24 08:49	10/22/24 14:27	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Terphenyl-d14 (Surr)	*70*		*37 - 120*	*10/21/24 08:49*	*10/22/24 14:27*	*1*
Phenol-d5 (Surr)	*57*		*29 - 120*	*10/21/24 08:49*	*10/22/24 14:27*	*1*
Nitrobenzene-d5 (Surr)	*48*		*28 - 120*	*10/21/24 08:49*	*10/22/24 14:27*	*1*
2-Fluorophenol (Surr)	*55*		*26 - 120*	*10/21/24 08:49*	*10/22/24 14:27*	*1*
2-Fluorobiphenyl (Surr)	*55*		*36 - 120*	*10/21/24 08:49*	*10/22/24 14:27*	*1*
2,4,6-Tribromophenol (Surr)	*56*		*10 - 120*	*10/21/24 08:49*	*10/22/24 14:27*	*1*

Method: SW846 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aroclor-1016	ND		56	28	ug/Kg	☼	10/22/24 09:44	10/23/24 16:05	1
Aroclor-1221	ND		56	34	ug/Kg	☼	10/22/24 09:44	10/23/24 16:05	1
Aroclor-1232	ND		56	23	ug/Kg	☼	10/22/24 09:44	10/23/24 16:05	1
Aroclor-1242	ND		56	21	ug/Kg	☼	10/22/24 09:44	10/23/24 16:05	1
Aroclor-1248	ND		56	19	ug/Kg	☼	10/22/24 09:44	10/23/24 16:05	1
Aroclor-1254	ND		56	23	ug/Kg	☼	10/22/24 09:44	10/23/24 16:05	1
Aroclor-1260	ND		56	23	ug/Kg	☼	10/22/24 09:44	10/23/24 16:05	1
Aroclor-1262	ND		56	25	ug/Kg	☼	10/22/24 09:44	10/23/24 16:05	1
Aroclor-1268	ND		56	18	ug/Kg	☼	10/22/24 09:44	10/23/24 16:05	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Tetrachloro-m-xylene	*70*		*10 - 149*	*10/22/24 09:44*	*10/23/24 16:05*	*1*
DCB Decachlorobiphenyl	*71*		*10 - 174*	*10/22/24 09:44*	*10/23/24 16:05*	*1*

Method: SW846 6010D - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	**12**		1.2	0.25	mg/Kg	☼	10/21/24 15:00	10/22/24 23:19	1

Client: August Mack Environmental, Inc.
Project/Site: MSC Canfield

Job ID: 240-213295-1

Client Sample ID: SB-11-22.0-24.0
Date Collected: 10/17/24 09:46
Date Received: 10/17/24 16:05

Lab Sample ID: 240-213295-4
Matrix: Solid
Percent Solids: 88.6

Method: SW846 6010D - Metals (ICP) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Barium	30		16	0.10	mg/Kg	☼	10/21/24 15:00	10/22/24 23:19	1
Cadmium	0.053	J	0.40	0.039	mg/Kg	☼	10/21/24 15:00	10/22/24 23:19	1
Chromium	12		0.81	0.28	mg/Kg	☼	10/21/24 15:00	10/22/24 23:19	1
Copper	16		2.0	0.57	mg/Kg	☼	10/21/24 15:00	10/22/24 23:19	1
Lead	7.8		0.81	0.23	mg/Kg	☼	10/21/24 15:00	10/22/24 23:19	1
Selenium	0.41	J	1.6	0.38	mg/Kg	☼	10/21/24 15:00	10/22/24 23:19	1
Silver	ND		0.81	0.065	mg/Kg	☼	10/21/24 15:00	10/22/24 23:19	1
Zinc	52		4.0	2.9	mg/Kg	☼	10/21/24 15:00	10/22/24 23:19	1

Method: SW846 7471B - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	ND		0.11	0.019	mg/Kg	☼	10/21/24 15:00	10/22/24 11:26	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cr (VI) (SW846 7196A)	ND		0.46	0.15	mg/Kg	☼	10/28/24 10:33	10/29/24 20:02	1
Cyanide, Total (SW846 9012B)	ND		0.52	0.41	mg/Kg	☼	10/29/24 09:44	10/29/24 12:12	1

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Solids (EPA Moisture)	88.6		0.1	0.1	%			10/18/24 11:57	1
Percent Moisture (EPA Moisture)	11.4		0.1	0.1	%			10/18/24 11:57	1

General Chemistry - ASTM Leach

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cyanide, Free (OI CORP OIA-1677)	ND		0.0060	0.0050	mg/L			10/30/24 15:29	1

Client: August Mack Environmental, Inc.
Project/Site: MSC Canfield

Job ID: 240-213295-1

Client Sample ID: SB-11-20.0-22.0
Date Collected: 10/17/24 09:42
Date Received: 10/17/24 16:05

Lab Sample ID: 240-213295-5
Matrix: Solid
Percent Solids: 87.4

Method: SW846 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		5.6	2.0	ug/Kg	☼	10/23/24 09:44	10/23/24 16:45	1
1,1,2,2-Tetrachloroethane	ND		5.6	1.6	ug/Kg	☼	10/23/24 09:44	10/23/24 16:45	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		5.6	1.4	ug/Kg	☼	10/23/24 09:44	10/23/24 16:45	1
1,1,2-Trichloroethane	ND		5.6	1.3	ug/Kg	☼	10/23/24 09:44	10/23/24 16:45	1
1,1-Dichloroethane	ND		5.6	1.6	ug/Kg	☼	10/23/24 09:44	10/23/24 16:45	1
1,1-Dichloroethene	ND		5.6	2.0	ug/Kg	☼	10/23/24 09:44	10/23/24 16:45	1
1,2,4-Trichlorobenzene	ND		5.6	2.8	ug/Kg	☼	10/23/24 09:44	10/23/24 16:45	1
1,2-Dibromo-3-Chloropropane	ND		11	4.0	ug/Kg	☼	10/23/24 09:44	10/23/24 16:45	1
Ethylene Dibromide	ND		5.6	1.9	ug/Kg	☼	10/23/24 09:44	10/23/24 16:45	1
1,2-Dichlorobenzene	ND		5.6	1.2	ug/Kg	☼	10/23/24 09:44	10/23/24 16:45	1
1,2-Dichloroethane	ND		5.6	2.0	ug/Kg	☼	10/23/24 09:44	10/23/24 16:45	1
1,2-Dichloropropane	ND		5.6	0.95	ug/Kg	☼	10/23/24 09:44	10/23/24 16:45	1
1,3-Dichlorobenzene	ND		5.6	1.8	ug/Kg	☼	10/23/24 09:44	10/23/24 16:45	1
1,4-Dichlorobenzene	ND		5.6	0.98	ug/Kg	☼	10/23/24 09:44	10/23/24 16:45	1
2-Butanone (MEK)	ND		22	4.0	ug/Kg	☼	10/23/24 09:44	10/23/24 16:45	1
2-Hexanone	ND		22	4.6	ug/Kg	☼	10/23/24 09:44	10/23/24 16:45	1
4-Methyl-2-pentanone (MIBK)	ND		22	4.1	ug/Kg	☼	10/23/24 09:44	10/23/24 16:45	1
Acetone	ND		28	23	ug/Kg	☼	10/23/24 09:44	10/23/24 16:45	1
Benzene	ND		5.6	1.7	ug/Kg	☼	10/23/24 09:44	10/23/24 16:45	1
Dichlorobromomethane	ND		5.6	1.7	ug/Kg	☼	10/23/24 09:44	10/23/24 16:45	1
Bromoform	ND		5.6	2.7	ug/Kg	☼	10/23/24 09:44	10/23/24 16:45	1
Bromomethane	ND		5.6	4.6	ug/Kg	☼	10/23/24 09:44	10/23/24 16:45	1
Carbon disulfide	ND		5.6	1.3	ug/Kg	☼	10/23/24 09:44	10/23/24 16:45	1
Carbon tetrachloride	ND		5.6	3.6	ug/Kg	☼	10/23/24 09:44	10/23/24 16:45	1
Chlorobenzene	ND		5.6	1.0	ug/Kg	☼	10/23/24 09:44	10/23/24 16:45	1
Chloroethane	ND		5.6	3.1	ug/Kg	☼	10/23/24 09:44	10/23/24 16:45	1
Chloroform	ND		5.6	2.0	ug/Kg	☼	10/23/24 09:44	10/23/24 16:45	1
Chloromethane	ND		5.6	2.5	ug/Kg	☼	10/23/24 09:44	10/23/24 16:45	1
cis-1,2-Dichloroethene	ND		5.6	1.6	ug/Kg	☼	10/23/24 09:44	10/23/24 16:45	1
cis-1,3-Dichloropropene	ND		5.6	3.2	ug/Kg	☼	10/23/24 09:44	10/23/24 16:45	1
Cyclohexane	ND		11	1.5	ug/Kg	☼	10/23/24 09:44	10/23/24 16:45	1
Chlorodibromomethane	ND		5.6	3.1	ug/Kg	☼	10/23/24 09:44	10/23/24 16:45	1
Dichlorodifluoromethane	ND		5.6	2.5	ug/Kg	☼	10/23/24 09:44	10/23/24 16:45	1
Ethylbenzene	ND		5.6	1.2	ug/Kg	☼	10/23/24 09:44	10/23/24 16:45	1
Isopropylbenzene	ND		5.6	2.1	ug/Kg	☼	10/23/24 09:44	10/23/24 16:45	1
Methyl acetate	ND		28	3.8	ug/Kg	☼	10/23/24 09:44	10/23/24 16:45	1
Methyl tert-butyl ether	ND		5.6	2.2	ug/Kg	☼	10/23/24 09:44	10/23/24 16:45	1
Methylcyclohexane	ND		11	1.4	ug/Kg	☼	10/23/24 09:44	10/23/24 16:45	1
Methylene Chloride	ND		28	13	ug/Kg	☼	10/23/24 09:44	10/23/24 16:45	1
Styrene	ND		5.6	1.3	ug/Kg	☼	10/23/24 09:44	10/23/24 16:45	1
Tetrachloroethene	ND		5.6	2.1	ug/Kg	☼	10/23/24 09:44	10/23/24 16:45	1
Toluene	ND		5.6	0.86	ug/Kg	☼	10/23/24 09:44	10/23/24 16:45	1
trans-1,2-Dichloroethene	ND		5.6	1.6	ug/Kg	☼	10/23/24 09:44	10/23/24 16:45	1
trans-1,3-Dichloropropene	ND		5.6	2.0	ug/Kg	☼	10/23/24 09:44	10/23/24 16:45	1
Trichloroethene	ND		5.6	1.6	ug/Kg	☼	10/23/24 09:44	10/23/24 16:45	1
Trichlorofluoromethane	ND		5.6	3.0	ug/Kg	☼	10/23/24 09:44	10/23/24 16:45	1
Vinyl chloride	ND		5.6	2.0	ug/Kg	☼	10/23/24 09:44	10/23/24 16:45	1
Xylenes, Total	ND		11	1.8	ug/Kg	☼	10/23/24 09:44	10/23/24 16:45	1

Client Sample ID: SB-11-20.0-22.0
Date Collected: 10/17/24 09:42
Date Received: 10/17/24 16:05

Lab Sample ID: 240-213295-5
Matrix: Solid
Percent Solids: 87.4

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Toluene-d8 (Surr)	*108*		*56 - 125*	*10/23/24 09:44*	*10/23/24 16:45*	*1*
Dibromofluoromethane (Surr)	*98*		*41 - 138*	*10/23/24 09:44*	*10/23/24 16:45*	*1*
4-Bromofluorobenzene (Surr)	*111*		*41 - 143*	*10/23/24 09:44*	*10/23/24 16:45*	*1*
1,2-Dichloroethane-d4 (Surr)	*98*		*58 - 125*	*10/23/24 09:44*	*10/23/24 16:45*	*1*

Method: SW846 8270E - Semivolatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1'-Biphenyl	ND		110	32	ug/Kg	☼	10/21/24 08:49	10/22/24 14:51	1
bis (2-chloroisopropyl) ether	ND		110	29	ug/Kg	☼	10/21/24 08:49	10/22/24 14:51	1
2,4,5-Trichlorophenol	ND		170	37	ug/Kg	☼	10/21/24 08:49	10/22/24 14:51	1
2,4,6-Trichlorophenol	ND		170	33	ug/Kg	☼	10/21/24 08:49	10/22/24 14:51	1
2,4-Dichlorophenol	ND		170	30	ug/Kg	☼	10/21/24 08:49	10/22/24 14:51	1
2,4-Dimethylphenol	ND		170	41	ug/Kg	☼	10/21/24 08:49	10/22/24 14:51	1
2,4-Dinitrophenol	ND		370	190	ug/Kg	☼	10/21/24 08:49	10/22/24 14:51	1
2,4-Dinitrotoluene	ND		230	26	ug/Kg	☼	10/21/24 08:49	10/22/24 14:51	1
2,6-Dinitrotoluene	ND		230	41	ug/Kg	☼	10/21/24 08:49	10/22/24 14:51	1
2-Chloronaphthalene	ND		110	32	ug/Kg	☼	10/21/24 08:49	10/22/24 14:51	1
2-Chlorophenol	ND		110	29	ug/Kg	☼	10/21/24 08:49	10/22/24 14:51	1
2-Methylnaphthalene	**16**	**J**	45	15	ug/Kg	☼	10/21/24 08:49	10/22/24 14:51	1
2-Methylphenol	ND		230	46	ug/Kg	☼	10/21/24 08:49	10/22/24 14:51	1
2-Nitroaniline	ND		230	43	ug/Kg	☼	10/21/24 08:49	10/22/24 14:51	1
2-Nitrophenol	ND		110	40	ug/Kg	☼	10/21/24 08:49	10/22/24 14:51	1
3,3'-Dichlorobenzidine	ND		170	110	ug/Kg	☼	10/21/24 08:49	10/22/24 14:51	1
3-Nitroaniline	ND		230	40	ug/Kg	☼	10/21/24 08:49	10/22/24 14:51	1
4,6-Dinitro-2-methylphenol	ND		370	120	ug/Kg	☼	10/21/24 08:49	10/22/24 14:51	1
4-Bromophenyl phenyl ether	ND		110	36	ug/Kg	☼	10/21/24 08:49	10/22/24 14:51	1
4-Chloro-3-methylphenol	ND		170	43	ug/Kg	☼	10/21/24 08:49	10/22/24 14:51	1
4-Chloroaniline	ND		170	18	ug/Kg	☼	10/21/24 08:49	10/22/24 14:51	1
4-Chlorophenyl phenyl ether	ND		110	32	ug/Kg	☼	10/21/24 08:49	10/22/24 14:51	1
4-Nitroaniline	ND		230	29	ug/Kg	☼	10/21/24 08:49	10/22/24 14:51	1
4-Nitrophenol	ND		370	100	ug/Kg	☼	10/21/24 08:49	10/22/24 14:51	1
Acenaphthene	ND		45	16	ug/Kg	☼	10/21/24 08:49	10/22/24 14:51	1
Acenaphthylene	ND		45	17	ug/Kg	☼	10/21/24 08:49	10/22/24 14:51	1
Acetophenone	ND		110	28	ug/Kg	☼	10/21/24 08:49	10/22/24 14:51	1
Anthracene	ND		45	14	ug/Kg	☼	10/21/24 08:49	10/22/24 14:51	1
Atrazine	ND		370	78	ug/Kg	☼	10/21/24 08:49	10/22/24 14:51	1
Benzaldehyde	ND		370	63	ug/Kg	☼	10/21/24 08:49	10/22/24 14:51	1
Benzo[a]anthracene	ND		45	17	ug/Kg	☼	10/21/24 08:49	10/22/24 14:51	1
Benzo[a]pyrene	ND		45	16	ug/Kg	☼	10/21/24 08:49	10/22/24 14:51	1
Benzo[b]fluoranthene	ND		45	14	ug/Kg	☼	10/21/24 08:49	10/22/24 14:51	1
Benzo[g,h,i]perylene	ND		45	30	ug/Kg	☼	10/21/24 08:49	10/22/24 14:51	1
Benzo[k]fluoranthene	ND		45	11	ug/Kg	☼	10/21/24 08:49	10/22/24 14:51	1
Bis(2-chloroethoxy)methane	ND		110	23	ug/Kg	☼	10/21/24 08:49	10/22/24 14:51	1
Bis(2-chloroethyl)ether	ND		110	25	ug/Kg	☼	10/21/24 08:49	10/22/24 14:51	1
Bis(2-ethylhexyl) phthalate	ND		170	63	ug/Kg	☼	10/21/24 08:49	10/22/24 14:51	1
Butyl benzyl phthalate	ND		170	58	ug/Kg	☼	10/21/24 08:49	10/22/24 14:51	1
Caprolactam	ND		370	78	ug/Kg	☼	10/21/24 08:49	10/22/24 14:51	1
Carbazole	ND		110	30	ug/Kg	☼	10/21/24 08:49	10/22/24 14:51	1
Chrysene	ND		45	16	ug/Kg	☼	10/21/24 08:49	10/22/24 14:51	1
Dibenz(a,h)anthracene	ND		45	17	ug/Kg	☼	10/21/24 08:49	10/22/24 14:51	1

Client Sample ID: SB-11-20.0-22.0
Date Collected: 10/17/24 09:42
Date Received: 10/17/24 16:05

Lab Sample ID: 240-213295-5
Matrix: Solid
Percent Solids: 87.4

Method: SW846 8270E - Semivolatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Dibenzofuran	ND		110	33	ug/Kg	☼	10/21/24 08:49	10/22/24 14:51	1
Diethyl phthalate	ND		170	49	ug/Kg	☼	10/21/24 08:49	10/22/24 14:51	1
Dimethyl phthalate	ND		170	45	ug/Kg	☼	10/21/24 08:49	10/22/24 14:51	1
Di-n-butyl phthalate	ND		170	58	ug/Kg	☼	10/21/24 08:49	10/22/24 14:51	1
Di-n-octyl phthalate	ND		170	56	ug/Kg	☼	10/21/24 08:49	10/22/24 14:51	1
Fluoranthene	ND		45	16	ug/Kg	☼	10/21/24 08:49	10/22/24 14:51	1
Fluorene	ND		45	16	ug/Kg	☼	10/21/24 08:49	10/22/24 14:51	1
Hexachlorobenzene	ND		45	16	ug/Kg	☼	10/21/24 08:49	10/22/24 14:51	1
Hexachlorobutadiene	ND		110	24	ug/Kg	☼	10/21/24 08:49	10/22/24 14:51	1
Hexachlorocyclopentadiene	ND		370	44	ug/Kg	☼	10/21/24 08:49	10/22/24 14:51	1
Hexachloroethane	ND		110	36	ug/Kg	☼	10/21/24 08:49	10/22/24 14:51	1
Indeno[1,2,3-cd]pyrene	ND		45	14	ug/Kg	☼	10/21/24 08:49	10/22/24 14:51	1
Isophorone	ND		110	29	ug/Kg	☼	10/21/24 08:49	10/22/24 14:51	1
N-Nitrosodi-n-propylamine	ND		110	42	ug/Kg	☼	10/21/24 08:49	10/22/24 14:51	1
N-Nitrosodiphenylamine	ND		110	30	ug/Kg	☼	10/21/24 08:49	10/22/24 14:51	1
Naphthalene	ND		45	15	ug/Kg	☼	10/21/24 08:49	10/22/24 14:51	1
Nitrobenzene	ND		110	25	ug/Kg	☼	10/21/24 08:49	10/22/24 14:51	1
Pentachlorophenol	ND		300	120	ug/Kg	☼	10/21/24 08:49	10/22/24 14:51	1
Phenanthrene	**15**	**J**	45	15	ug/Kg	☼	10/21/24 08:49	10/22/24 14:51	1
Phenol	ND		110	43	ug/Kg	☼	10/21/24 08:49	10/22/24 14:51	1
Pyrene	ND		45	18	ug/Kg	☼	10/21/24 08:49	10/22/24 14:51	1
3 & 4 Methylphenol	ND		450	46	ug/Kg	☼	10/21/24 08:49	10/22/24 14:51	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Terphenyl-d14 (Surr)	*65*		*37 - 120*	*10/21/24 08:49*	*10/22/24 14:51*	*1*
Phenol-d5 (Surr)	*57*		*29 - 120*	*10/21/24 08:49*	*10/22/24 14:51*	*1*
Nitrobenzene-d5 (Surr)	*49*		*28 - 120*	*10/21/24 08:49*	*10/22/24 14:51*	*1*
2-Fluorophenol (Surr)	*57*		*26 - 120*	*10/21/24 08:49*	*10/22/24 14:51*	*1*
2-Fluorobiphenyl (Surr)	*56*		*36 - 120*	*10/21/24 08:49*	*10/22/24 14:51*	*1*
2,4,6-Tribromophenol (Surr)	*49*		*10 - 120*	*10/21/24 08:49*	*10/22/24 14:51*	*1*

Method: SW846 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aroclor-1016	ND		57	28	ug/Kg	☼	10/22/24 09:44	10/23/24 16:21	1
Aroclor-1221	ND		57	34	ug/Kg	☼	10/22/24 09:44	10/23/24 16:21	1
Aroclor-1232	ND		57	24	ug/Kg	☼	10/22/24 09:44	10/23/24 16:21	1
Aroclor-1242	ND		57	22	ug/Kg	☼	10/22/24 09:44	10/23/24 16:21	1
Aroclor-1248	ND		57	19	ug/Kg	☼	10/22/24 09:44	10/23/24 16:21	1
Aroclor-1254	ND		57	24	ug/Kg	☼	10/22/24 09:44	10/23/24 16:21	1
Aroclor-1260	ND		57	24	ug/Kg	☼	10/22/24 09:44	10/23/24 16:21	1
Aroclor-1262	ND		57	25	ug/Kg	☼	10/22/24 09:44	10/23/24 16:21	1
Aroclor-1268	ND		57	18	ug/Kg	☼	10/22/24 09:44	10/23/24 16:21	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Tetrachloro-m-xylene	*70*		*10 - 149*	*10/22/24 09:44*	*10/23/24 16:21*	*1*
DCB Decachlorobiphenyl	*72*		*10 - 174*	*10/22/24 09:44*	*10/23/24 16:21*	*1*

Method: SW846 6010D - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	**16**		1.4	0.29	mg/Kg	☼	10/21/24 15:00	10/22/24 23:23	1

Client: August Mack Environmental, Inc.
Project/Site: MSC Canfield

Job ID: 240-213295-1

Client Sample ID: SB-11-20.0-22.0
Date Collected: 10/17/24 09:42
Date Received: 10/17/24 16:05

Lab Sample ID: 240-213295-5
Matrix: Solid
Percent Solids: 87.4

Method: SW846 6010D - Metals (ICP) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Barium	22		19	0.12	mg/Kg	☼	10/21/24 15:00	10/22/24 23:23	1
Cadmium	0.049	J	0.46	0.045	mg/Kg	☼	10/21/24 15:00	10/22/24 23:23	1
Chromium	12		0.93	0.32	mg/Kg	☼	10/21/24 15:00	10/22/24 23:23	1
Copper	30		2.3	0.65	mg/Kg	☼	10/21/24 15:00	10/22/24 23:23	1
Lead	8.6		0.93	0.26	mg/Kg	☼	10/21/24 15:00	10/22/24 23:23	1
Selenium	0.62	J	1.9	0.44	mg/Kg	☼	10/21/24 15:00	10/22/24 23:23	1
Silver	ND		0.93	0.075	mg/Kg	☼	10/21/24 15:00	10/22/24 23:23	1
Zinc	53		4.6	3.4	mg/Kg	☼	10/21/24 15:00	10/22/24 23:23	1

Method: SW846 7471B - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	ND		0.10	0.018	mg/Kg	☼	10/21/24 15:00	10/22/24 11:28	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cr (VI) (SW846 7196A)	ND		0.47	0.16	mg/Kg	☼	10/28/24 10:33	10/29/24 20:02	1
Cyanide, Total (SW846 9012B)	ND		0.65	0.52	mg/Kg	☼	10/29/24 09:44	10/29/24 12:14	1

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Solids (EPA Moisture)	87.4		0.1	0.1	%			10/18/24 11:57	1
Percent Moisture (EPA Moisture)	12.6		0.1	0.1	%			10/18/24 11:57	1

General Chemistry - ASTM Leach

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cyanide, Free (OI CORP OIA-1677)	ND		0.0060	0.0050	mg/L			10/30/24 15:32	1

Client: August Mack Environmental, Inc.
Project/Site: MSC Canfield

Job ID: 240-213295-1

Client Sample ID: SB-9-22.0-24.0
Date Collected: 10/17/24 13:45
Date Received: 10/17/24 16:05

Lab Sample ID: 240-213295-6
Matrix: Solid
Percent Solids: 88.2

Method: SW846 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		550	170	ug/Kg	☼	10/24/24 13:26	10/29/24 22:43	2
1,1,2,2-Tetrachloroethane	ND		550	330	ug/Kg	☼	10/24/24 13:26	10/29/24 22:43	2
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		550	150	ug/Kg	☼	10/24/24 13:26	10/29/24 22:43	2
1,1,2-Trichloroethane	ND		550	120	ug/Kg	☼	10/24/24 13:26	10/29/24 22:43	2
1,1-Dichloroethane	ND		550	100	ug/Kg	☼	10/24/24 13:26	10/29/24 22:43	2
1,1-Dichloroethene	ND		550	180	ug/Kg	☼	10/24/24 13:26	10/29/24 22:43	2
1,2,4-Trichlorobenzene	ND		550	290	ug/Kg	☼	10/24/24 13:26	10/29/24 22:43	2
1,2-Dibromo-3-Chloropropane	ND		1100	480	ug/Kg	☼	10/24/24 13:26	10/29/24 22:43	2
Ethylene Dibromide	ND		550	170	ug/Kg	☼	10/24/24 13:26	10/29/24 22:43	2
1,2-Dichlorobenzene	ND		550	260	ug/Kg	☼	10/24/24 13:26	10/29/24 22:43	2
1,2-Dichloroethane	ND		550	100	ug/Kg	☼	10/24/24 13:26	10/29/24 22:43	2
1,2-Dichloropropane	ND		550	81	ug/Kg	☼	10/24/24 13:26	10/29/24 22:43	2
1,3-Dichlorobenzene	ND		550	100	ug/Kg	☼	10/24/24 13:26	10/29/24 22:43	2
1,4-Dichlorobenzene	ND		550	120	ug/Kg	☼	10/24/24 13:26	10/29/24 22:43	2
2-Butanone (MEK)	ND		2200	760	ug/Kg	☼	10/24/24 13:26	10/29/24 22:43	2
2-Hexanone	ND		2200	570	ug/Kg	☼	10/24/24 13:26	10/29/24 22:43	2
4-Methyl-2-pentanone (MIBK)	ND		2200	520	ug/Kg	☼	10/24/24 13:26	10/29/24 22:43	2
Acetone	ND		2200	530	ug/Kg	☼	10/24/24 13:26	10/29/24 22:43	2
Benzene	ND		550	92	ug/Kg	☼	10/24/24 13:26	10/29/24 22:43	2
Dichlorobromomethane	ND		550	130	ug/Kg	☼	10/24/24 13:26	10/29/24 22:43	2
Bromoform	ND		550	500	ug/Kg	☼	10/24/24 13:26	10/29/24 22:43	2
Bromomethane	ND		550	360	ug/Kg	☼	10/24/24 13:26	10/29/24 22:43	2
Carbon disulfide	ND		550	240	ug/Kg	☼	10/24/24 13:26	10/29/24 22:43	2
Carbon tetrachloride	ND		550	220	ug/Kg	☼	10/24/24 13:26	10/29/24 22:43	2
Chlorobenzene	ND		550	76	ug/Kg	☼	10/24/24 13:26	10/29/24 22:43	2
Chloroethane	ND		550	330	ug/Kg	☼	10/24/24 13:26	10/29/24 22:43	2
Chloroform	ND		550	120	ug/Kg	☼	10/24/24 13:26	10/29/24 22:43	2
Chloromethane	ND		550	300	ug/Kg	☼	10/24/24 13:26	10/29/24 22:43	2
cis-1,2-Dichloroethene	**230**	**J**	550	180	ug/Kg	☼	10/24/24 13:26	10/29/24 22:43	2
cis-1,3-Dichloropropene	ND		550	270	ug/Kg	☼	10/24/24 13:26	10/29/24 22:43	2
Cyclohexane	ND		1100	360	ug/Kg	☼	10/24/24 13:26	10/29/24 22:43	2
Chlorodibromomethane	ND		550	260	ug/Kg	☼	10/24/24 13:26	10/29/24 22:43	2
Dichlorodifluoromethane	ND		550	360	ug/Kg	☼	10/24/24 13:26	10/29/24 22:43	2
Ethylbenzene	ND		550	100	ug/Kg	☼	10/24/24 13:26	10/29/24 22:43	2
Isopropylbenzene	ND		550	170	ug/Kg	☼	10/24/24 13:26	10/29/24 22:43	2
Methyl acetate	ND		2700	370	ug/Kg	☼	10/24/24 13:26	10/29/24 22:43	2
Methyl tert-butyl ether	ND		550	180	ug/Kg	☼	10/24/24 13:26	10/29/24 22:43	2
Methylcyclohexane	ND		1100	140	ug/Kg	☼	10/24/24 13:26	10/29/24 22:43	2
Methylene Chloride	ND		1100	840	ug/Kg	☼	10/24/24 13:26	10/29/24 22:43	2
Styrene	ND		550	110	ug/Kg	☼	10/24/24 13:26	10/29/24 22:43	2
Tetrachloroethene	ND		550	210	ug/Kg	☼	10/24/24 13:26	10/29/24 22:43	2
Toluene	ND		550	140	ug/Kg	☼	10/24/24 13:26	10/29/24 22:43	2
trans-1,2-Dichloroethene	ND		550	140	ug/Kg	☼	10/24/24 13:26	10/29/24 22:43	2
trans-1,3-Dichloropropene	ND		550	230	ug/Kg	☼	10/24/24 13:26	10/29/24 22:43	2
Trichloroethene	**39000**		1400	780	ug/Kg	☼	10/24/24 13:26	10/30/24 07:59	5
Trichlorofluoromethane	ND		550	300	ug/Kg	☼	10/24/24 13:26	10/29/24 22:43	2
Vinyl chloride	ND		550	270	ug/Kg	☼	10/24/24 13:26	10/29/24 22:43	2
Xylenes, Total	ND		1100	200	ug/Kg	☼	10/24/24 13:26	10/29/24 22:43	2

Client Sample ID: SB-9-22.0-24.0
Date Collected: 10/17/24 13:45
Date Received: 10/17/24 16:05

Lab Sample ID: 240-213295-6
Matrix: Solid
Percent Solids: 88.2

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
Toluene-d8 (Surr)	*101*		*56 - 125*	*10/24/24 13:26*	*10/29/24 22:43*	*2*
Toluene-d8 (Surr)	*100*		*56 - 125*	*10/24/24 13:26*	*10/30/24 07:59*	*5*
Dibromofluoromethane (Surr)	*98*		*41 - 138*	*10/24/24 13:26*	*10/29/24 22:43*	*2*
Dibromofluoromethane (Surr)	*97*		*41 - 138*	*10/24/24 13:26*	*10/30/24 07:59*	*5*
4-Bromofluorobenzene (Surr)	*92*		*41 - 143*	*10/24/24 13:26*	*10/29/24 22:43*	*2*
4-Bromofluorobenzene (Surr)	*93*		*41 - 143*	*10/24/24 13:26*	*10/30/24 07:59*	*5*
1,2-Dichloroethane-d4 (Surr)	*95*		*58 - 125*	*10/24/24 13:26*	*10/29/24 22:43*	*2*
1,2-Dichloroethane-d4 (Surr)	*96*		*58 - 125*	*10/24/24 13:26*	*10/30/24 07:59*	*5*

Method: SW846 8270E - Semivolatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1'-Biphenyl	ND		110	32	ug/Kg	☼	10/21/24 08:49	10/22/24 15:15	1
bis (2-chloroisopropyl) ether	ND		110	29	ug/Kg	☼	10/21/24 08:49	10/22/24 15:15	1
2,4,5-Trichlorophenol	ND		170	37	ug/Kg	☼	10/21/24 08:49	10/22/24 15:15	1
2,4,6-Trichlorophenol	ND		170	33	ug/Kg	☼	10/21/24 08:49	10/22/24 15:15	1
2,4-Dichlorophenol	ND		170	31	ug/Kg	☼	10/21/24 08:49	10/22/24 15:15	1
2,4-Dimethylphenol	ND		170	41	ug/Kg	☼	10/21/24 08:49	10/22/24 15:15	1
2,4-Dinitrophenol	ND		370	190	ug/Kg	☼	10/21/24 08:49	10/22/24 15:15	1
2,4-Dinitrotoluene	ND		230	26	ug/Kg	☼	10/21/24 08:49	10/22/24 15:15	1
2,6-Dinitrotoluene	ND		230	41	ug/Kg	☼	10/21/24 08:49	10/22/24 15:15	1
2-Chloronaphthalene	ND		110	32	ug/Kg	☼	10/21/24 08:49	10/22/24 15:15	1
2-Chlorophenol	ND		110	29	ug/Kg	☼	10/21/24 08:49	10/22/24 15:15	1
2-Methylnaphthalene	**40**	**J**	45	15	ug/Kg	☼	10/21/24 08:49	10/22/24 15:15	1
2-Methylphenol	ND		230	46	ug/Kg	☼	10/21/24 08:49	10/22/24 15:15	1
2-Nitroaniline	ND		230	43	ug/Kg	☼	10/21/24 08:49	10/22/24 15:15	1
2-Nitrophenol	ND		110	40	ug/Kg	☼	10/21/24 08:49	10/22/24 15:15	1
3,3'-Dichlorobenzidine	ND		170	110	ug/Kg	☼	10/21/24 08:49	10/22/24 15:15	1
3-Nitroaniline	ND		230	40	ug/Kg	☼	10/21/24 08:49	10/22/24 15:15	1
4,6-Dinitro-2-methylphenol	ND		370	120	ug/Kg	☼	10/21/24 08:49	10/22/24 15:15	1
4-Bromophenyl phenyl ether	ND		110	36	ug/Kg	☼	10/21/24 08:49	10/22/24 15:15	1
4-Chloro-3-methylphenol	ND		170	43	ug/Kg	☼	10/21/24 08:49	10/22/24 15:15	1
4-Chloroaniline	ND		170	18	ug/Kg	☼	10/21/24 08:49	10/22/24 15:15	1
4-Chlorophenyl phenyl ether	ND		110	32	ug/Kg	☼	10/21/24 08:49	10/22/24 15:15	1
4-Nitroaniline	ND		230	29	ug/Kg	☼	10/21/24 08:49	10/22/24 15:15	1
4-Nitrophenol	ND		370	100	ug/Kg	☼	10/21/24 08:49	10/22/24 15:15	1
Acenaphthene	ND		45	16	ug/Kg	☼	10/21/24 08:49	10/22/24 15:15	1
Acenaphthylene	ND		45	17	ug/Kg	☼	10/21/24 08:49	10/22/24 15:15	1
Acetophenone	ND		110	28	ug/Kg	☼	10/21/24 08:49	10/22/24 15:15	1
Anthracene	ND		45	14	ug/Kg	☼	10/21/24 08:49	10/22/24 15:15	1
Atrazine	ND		370	78	ug/Kg	☼	10/21/24 08:49	10/22/24 15:15	1
Benzaldehyde	ND		370	63	ug/Kg	☼	10/21/24 08:49	10/22/24 15:15	1
Benzo[a]anthracene	ND		45	17	ug/Kg	☼	10/21/24 08:49	10/22/24 15:15	1
Benzo[a]pyrene	ND		45	16	ug/Kg	☼	10/21/24 08:49	10/22/24 15:15	1
Benzo[b]fluoranthene	**21**	**J**	45	14	ug/Kg	☼	10/21/24 08:49	10/22/24 15:15	1
Benzo[g,h,i]perylene	**45**		45	31	ug/Kg	☼	10/21/24 08:49	10/22/24 15:15	1
Benzo[k]fluoranthene	ND		45	11	ug/Kg	☼	10/21/24 08:49	10/22/24 15:15	1
Bis(2-chloroethoxy)methane	ND		110	23	ug/Kg	☼	10/21/24 08:49	10/22/24 15:15	1
Bis(2-chloroethyl)ether	ND		110	25	ug/Kg	☼	10/21/24 08:49	10/22/24 15:15	1
Bis(2-ethylhexyl) phthalate	ND		170	63	ug/Kg	☼	10/21/24 08:49	10/22/24 15:15	1
Butyl benzyl phthalate	ND		170	58	ug/Kg	☼	10/21/24 08:49	10/22/24 15:15	1

Client: August Mack Environmental, Inc.
Job ID: 240-213295-1
Project/Site: MSC Canfield

Client Sample ID: SB-9-22.0-24.0
Lab Sample ID: 240-213295-6
Date Collected: 10/17/24 13:45
Matrix: Solid
Date Received: 10/17/24 16:05
Percent Solids: 88.2

Method: SW846 8270E - Semivolatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Caprolactam	ND		370	78	ug/Kg	☼	10/21/24 08:49	10/22/24 15:15	1
Carbazole	ND		110	31	ug/Kg	☼	10/21/24 08:49	10/22/24 15:15	1
Chrysene	**23**	**J**	45	16	ug/Kg	☼	10/21/24 08:49	10/22/24 15:15	1
Dibenz(a,h)anthracene	ND		45	17	ug/Kg	☼	10/21/24 08:49	10/22/24 15:15	1
Dibenzofuran	ND		110	33	ug/Kg	☼	10/21/24 08:49	10/22/24 15:15	1
Diethyl phthalate	ND		170	49	ug/Kg	☼	10/21/24 08:49	10/22/24 15:15	1
Dimethyl phthalate	ND		170	45	ug/Kg	☼	10/21/24 08:49	10/22/24 15:15	1
Di-n-butyl phthalate	ND		170	58	ug/Kg	☼	10/21/24 08:49	10/22/24 15:15	1
Di-n-octyl phthalate	ND		170	57	ug/Kg	☼	10/21/24 08:49	10/22/24 15:15	1
Fluoranthene	**19**	**J**	45	16	ug/Kg	☼	10/21/24 08:49	10/22/24 15:15	1
Fluorene	ND		45	16	ug/Kg	☼	10/21/24 08:49	10/22/24 15:15	1
Hexachlorobenzene	ND		45	16	ug/Kg	☼	10/21/24 08:49	10/22/24 15:15	1
Hexachlorobutadiene	ND		110	24	ug/Kg	☼	10/21/24 08:49	10/22/24 15:15	1
Hexachlorocyclopentadiene	ND		370	44	ug/Kg	☼	10/21/24 08:49	10/22/24 15:15	1
Hexachloroethane	ND		110	36	ug/Kg	☼	10/21/24 08:49	10/22/24 15:15	1
Indeno[1,2,3-cd]pyrene	ND		45	14	ug/Kg	☼	10/21/24 08:49	10/22/24 15:15	1
Isophorone	ND		110	29	ug/Kg	☼	10/21/24 08:49	10/22/24 15:15	1
N-Nitrosodi-n-propylamine	ND		110	42	ug/Kg	☼	10/21/24 08:49	10/22/24 15:15	1
N-Nitrosodiphenylamine	ND		110	31	ug/Kg	☼	10/21/24 08:49	10/22/24 15:15	1
Naphthalene	ND		45	15	ug/Kg	☼	10/21/24 08:49	10/22/24 15:15	1
Nitrobenzene	ND		110	25	ug/Kg	☼	10/21/24 08:49	10/22/24 15:15	1
Pentachlorophenol	ND		310	120	ug/Kg	☼	10/21/24 08:49	10/22/24 15:15	1
Phenanthrene	**54**		45	15	ug/Kg	☼	10/21/24 08:49	10/22/24 15:15	1
Phenol	ND		110	43	ug/Kg	☼	10/21/24 08:49	10/22/24 15:15	1
Pyrene	**32**	**J**	45	18	ug/Kg	☼	10/21/24 08:49	10/22/24 15:15	1
3 & 4 Methylphenol	ND		450	46	ug/Kg	☼	10/21/24 08:49	10/22/24 15:15	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Terphenyl-d14 (Surr)	*78*		*37 - 120*	*10/21/24 08:49*	*10/22/24 15:15*	*1*
Phenol-d5 (Surr)	*72*		*29 - 120*	*10/21/24 08:49*	*10/22/24 15:15*	*1*
Nitrobenzene-d5 (Surr)	*60*		*28 - 120*	*10/21/24 08:49*	*10/22/24 15:15*	*1*
2-Fluorophenol (Surr)	*70*		*26 - 120*	*10/21/24 08:49*	*10/22/24 15:15*	*1*
2-Fluorobiphenyl (Surr)	*67*		*36 - 120*	*10/21/24 08:49*	*10/22/24 15:15*	*1*
2,4,6-Tribromophenol (Surr)	*64*		*10 - 120*	*10/21/24 08:49*	*10/22/24 15:15*	*1*

Method: SW846 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aroclor-1016	ND		56	28	ug/Kg	☼	10/22/24 09:44	10/23/24 16:37	1
Aroclor-1221	ND		56	34	ug/Kg	☼	10/22/24 09:44	10/23/24 16:37	1
Aroclor-1232	ND		56	24	ug/Kg	☼	10/22/24 09:44	10/23/24 16:37	1
Aroclor-1242	ND		56	21	ug/Kg	☼	10/22/24 09:44	10/23/24 16:37	1
Aroclor-1248	ND		56	19	ug/Kg	☼	10/22/24 09:44	10/23/24 16:37	1
Aroclor-1254	ND		56	24	ug/Kg	☼	10/22/24 09:44	10/23/24 16:37	1
Aroclor-1260	ND		56	24	ug/Kg	☼	10/22/24 09:44	10/23/24 16:37	1
Aroclor-1262	ND		56	25	ug/Kg	☼	10/22/24 09:44	10/23/24 16:37	1
Aroclor-1268	ND		56	18	ug/Kg	☼	10/22/24 09:44	10/23/24 16:37	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Tetrachloro-m-xylene	*61*		*10 - 149*	*10/22/24 09:44*	*10/23/24 16:37*	*1*
DCB Decachlorobiphenyl	*62*		*10 - 174*	*10/22/24 09:44*	*10/23/24 16:37*	*1*

Client: August Mack Environmental, Inc.
Project/Site: MSC Canfield

Job ID: 240-213295-1

Client Sample ID: SB-9-22.0-24.0
Date Collected: 10/17/24 13:45
Date Received: 10/17/24 16:05

Lab Sample ID: 240-213295-6
Matrix: Solid
Percent Solids: 88.2

Method: SW846 6010D - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	**12**		1.6	0.33	mg/Kg	☼	10/21/24 15:00	10/22/24 23:28	1
Barium	**16**	**J**	21	0.13	mg/Kg	☼	10/21/24 15:00	10/22/24 23:28	1
Cadmium	ND		0.53	0.051	mg/Kg	☼	10/21/24 15:00	10/22/24 23:28	1
Chromium	**9.1**		1.1	0.36	mg/Kg	☼	10/21/24 15:00	10/22/24 23:28	1
Copper	**16**		2.6	0.74	mg/Kg	☼	10/21/24 15:00	10/22/24 23:28	1
Lead	**8.4**		1.1	0.30	mg/Kg	☼	10/21/24 15:00	10/22/24 23:28	1
Selenium	**0.62**	**J**	2.1	0.50	mg/Kg	☼	10/21/24 15:00	10/22/24 23:28	1
Silver	ND		1.1	0.086	mg/Kg	☼	10/21/24 15:00	10/22/24 23:28	1
Zinc	**51**		5.3	3.8	mg/Kg	☼	10/21/24 15:00	10/22/24 23:28	1

Method: SW846 7471B - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	ND		0.12	0.021	mg/Kg	☼	10/21/24 15:00	10/22/24 11:30	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cr (VI) (SW846 7196A)	ND		0.46	0.15	mg/Kg	☼	10/28/24 10:33	10/29/24 20:02	1
Cyanide, Total (SW846 9012B)	ND		0.57	0.45	mg/Kg	☼	10/29/24 09:44	10/29/24 12:15	1

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Solids (EPA Moisture)	**88.2**		0.1	0.1	%			10/18/24 11:57	1
Percent Moisture (EPA Moisture)	**11.8**		0.1	0.1	%			10/18/24 11:57	1

General Chemistry - ASTM Leach

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cyanide, Free (OI CORP OIA-1677)	ND		0.0060	0.0050	mg/L			10/31/24 15:31	1

Client: August Mack Environmental, Inc.
Project/Site: MSC Canfield

Job ID: 240-213295-1

Client Sample ID: SB-9-30.0-32.0
Date Collected: 10/17/24 14:00
Date Received: 10/17/24 16:05

Lab Sample ID: 240-213295-7
Matrix: Solid
Percent Solids: 89.3

Method: SW846 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		5.1	1.8	ug/Kg	☼	10/23/24 09:44	10/23/24 17:06	1
1,1,2,2-Tetrachloroethane	ND		5.1	1.5	ug/Kg	☼	10/23/24 09:44	10/23/24 17:06	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		5.1	1.3	ug/Kg	☼	10/23/24 09:44	10/23/24 17:06	1
1,1,2-Trichloroethane	ND		5.1	1.2	ug/Kg	☼	10/23/24 09:44	10/23/24 17:06	1
1,1-Dichloroethane	ND		5.1	1.5	ug/Kg	☼	10/23/24 09:44	10/23/24 17:06	1
1,1-Dichloroethene	ND		5.1	1.9	ug/Kg	☼	10/23/24 09:44	10/23/24 17:06	1
1,2,4-Trichlorobenzene	ND		5.1	2.6	ug/Kg	☼	10/23/24 09:44	10/23/24 17:06	1
1,2-Dibromo-3-Chloropropane	ND		10	3.7	ug/Kg	☼	10/23/24 09:44	10/23/24 17:06	1
Ethylene Dibromide	ND		5.1	1.7	ug/Kg	☼	10/23/24 09:44	10/23/24 17:06	1
1,2-Dichlorobenzene	ND		5.1	1.1	ug/Kg	☼	10/23/24 09:44	10/23/24 17:06	1
1,2-Dichloroethane	ND		5.1	1.9	ug/Kg	☼	10/23/24 09:44	10/23/24 17:06	1
1,2-Dichloropropane	ND		5.1	0.88	ug/Kg	☼	10/23/24 09:44	10/23/24 17:06	1
1,3-Dichlorobenzene	ND		5.1	1.7	ug/Kg	☼	10/23/24 09:44	10/23/24 17:06	1
1,4-Dichlorobenzene	ND		5.1	0.91	ug/Kg	☼	10/23/24 09:44	10/23/24 17:06	1
2-Butanone (MEK)	ND		21	3.7	ug/Kg	☼	10/23/24 09:44	10/23/24 17:06	1
2-Hexanone	ND		21	4.2	ug/Kg	☼	10/23/24 09:44	10/23/24 17:06	1
4-Methyl-2-pentanone (MIBK)	ND		21	3.8	ug/Kg	☼	10/23/24 09:44	10/23/24 17:06	1
Acetone	ND		26	22	ug/Kg	☼	10/23/24 09:44	10/23/24 17:06	1
Benzene	ND		5.1	1.5	ug/Kg	☼	10/23/24 09:44	10/23/24 17:06	1
Dichlorobromomethane	ND		5.1	1.5	ug/Kg	☼	10/23/24 09:44	10/23/24 17:06	1
Bromoform	ND		5.1	2.5	ug/Kg	☼	10/23/24 09:44	10/23/24 17:06	1
Bromomethane	ND		5.1	4.3	ug/Kg	☼	10/23/24 09:44	10/23/24 17:06	1
Carbon disulfide	ND		5.1	1.2	ug/Kg	☼	10/23/24 09:44	10/23/24 17:06	1
Carbon tetrachloride	ND		5.1	3.3	ug/Kg	☼	10/23/24 09:44	10/23/24 17:06	1
Chlorobenzene	ND		5.1	0.94	ug/Kg	☼	10/23/24 09:44	10/23/24 17:06	1
Chloroethane	ND		5.1	2.8	ug/Kg	☼	10/23/24 09:44	10/23/24 17:06	1
Chloroform	ND		5.1	1.8	ug/Kg	☼	10/23/24 09:44	10/23/24 17:06	1
Chloromethane	ND		5.1	2.3	ug/Kg	☼	10/23/24 09:44	10/23/24 17:06	1
cis-1,2-Dichloroethene	ND		5.1	1.5	ug/Kg	☼	10/23/24 09:44	10/23/24 17:06	1
cis-1,3-Dichloropropene	ND		5.1	3.0	ug/Kg	☼	10/23/24 09:44	10/23/24 17:06	1
Cyclohexane	ND		10	1.4	ug/Kg	☼	10/23/24 09:44	10/23/24 17:06	1
Chlorodibromomethane	ND		5.1	2.9	ug/Kg	☼	10/23/24 09:44	10/23/24 17:06	1
Dichlorodifluoromethane	ND		5.1	2.3	ug/Kg	☼	10/23/24 09:44	10/23/24 17:06	1
Ethylbenzene	ND		5.1	1.1	ug/Kg	☼	10/23/24 09:44	10/23/24 17:06	1
Isopropylbenzene	ND		5.1	2.0	ug/Kg	☼	10/23/24 09:44	10/23/24 17:06	1
Methyl acetate	ND		26	3.5	ug/Kg	☼	10/23/24 09:44	10/23/24 17:06	1
Methyl tert-butyl ether	ND		5.1	2.0	ug/Kg	☼	10/23/24 09:44	10/23/24 17:06	1
Methylcyclohexane	ND		10	1.3	ug/Kg	☼	10/23/24 09:44	10/23/24 17:06	1
Methylene Chloride	ND		26	12	ug/Kg	☼	10/23/24 09:44	10/23/24 17:06	1
Styrene	ND		5.1	1.2	ug/Kg	☼	10/23/24 09:44	10/23/24 17:06	1
Tetrachloroethene	ND		5.1	2.0	ug/Kg	☼	10/23/24 09:44	10/23/24 17:06	1
Toluene	ND		5.1	0.80	ug/Kg	☼	10/23/24 09:44	10/23/24 17:06	1
trans-1,2-Dichloroethene	ND		5.1	1.5	ug/Kg	☼	10/23/24 09:44	10/23/24 17:06	1
trans-1,3-Dichloropropene	ND		5.1	1.9	ug/Kg	☼	10/23/24 09:44	10/23/24 17:06	1
Trichloroethene	ND		5.1	1.5	ug/Kg	☼	10/23/24 09:44	10/23/24 17:06	1
Trichlorofluoromethane	ND		5.1	2.8	ug/Kg	☼	10/23/24 09:44	10/23/24 17:06	1
Vinyl chloride	ND		5.1	1.8	ug/Kg	☼	10/23/24 09:44	10/23/24 17:06	1
Xylenes, Total	ND		10	1.6	ug/Kg	☼	10/23/24 09:44	10/23/24 17:06	1

Client Sample ID: SB-9-30.0-32.0
Date Collected: 10/17/24 14:00
Date Received: 10/17/24 16:05

Lab Sample ID: 240-213295-7
Matrix: Solid
Percent Solids: 89.3

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Toluene-d8 (Surr)	*112*		*56 - 125*	*10/23/24 09:44*	*10/23/24 17:06*	*1*
Dibromofluoromethane (Surr)	*98*		*41 - 138*	*10/23/24 09:44*	*10/23/24 17:06*	*1*
4-Bromofluorobenzene (Surr)	*114*		*41 - 143*	*10/23/24 09:44*	*10/23/24 17:06*	*1*
1,2-Dichloroethane-d4 (Surr)	*98*		*58 - 125*	*10/23/24 09:44*	*10/23/24 17:06*	*1*

Method: SW846 8270E - Semivolatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1'-Biphenyl	ND		110	31	ug/Kg	☼	10/21/24 08:49	10/22/24 15:39	1
bis (2-chloroisopropyl) ether	ND		110	29	ug/Kg	☼	10/21/24 08:49	10/22/24 15:39	1
2,4,5-Trichlorophenol	ND		170	37	ug/Kg	☼	10/21/24 08:49	10/22/24 15:39	1
2,4,6-Trichlorophenol	ND		170	32	ug/Kg	☼	10/21/24 08:49	10/22/24 15:39	1
2,4-Dichlorophenol	ND		170	30	ug/Kg	☼	10/21/24 08:49	10/22/24 15:39	1
2,4-Dimethylphenol	ND		170	40	ug/Kg	☼	10/21/24 08:49	10/22/24 15:39	1
2,4-Dinitrophenol	ND		370	190	ug/Kg	☼	10/21/24 08:49	10/22/24 15:39	1
2,4-Dinitrotoluene	ND		220	25	ug/Kg	☼	10/21/24 08:49	10/22/24 15:39	1
2,6-Dinitrotoluene	ND		220	40	ug/Kg	☼	10/21/24 08:49	10/22/24 15:39	1
2-Chloronaphthalene	ND		110	31	ug/Kg	☼	10/21/24 08:49	10/22/24 15:39	1
2-Chlorophenol	ND		110	29	ug/Kg	☼	10/21/24 08:49	10/22/24 15:39	1
2-Methylnaphthalene	**55**		44	14	ug/Kg	☼	10/21/24 08:49	10/22/24 15:39	1
2-Methylphenol	ND		220	45	ug/Kg	☼	10/21/24 08:49	10/22/24 15:39	1
2-Nitroaniline	ND		220	42	ug/Kg	☼	10/21/24 08:49	10/22/24 15:39	1
2-Nitrophenol	ND		110	39	ug/Kg	☼	10/21/24 08:49	10/22/24 15:39	1
3,3'-Dichlorobenzidine	ND		170	110	ug/Kg	☼	10/21/24 08:49	10/22/24 15:39	1
3-Nitroaniline	ND		220	39	ug/Kg	☼	10/21/24 08:49	10/22/24 15:39	1
4,6-Dinitro-2-methylphenol	ND		370	120	ug/Kg	☼	10/21/24 08:49	10/22/24 15:39	1
4-Bromophenyl phenyl ether	ND		110	35	ug/Kg	☼	10/21/24 08:49	10/22/24 15:39	1
4-Chloro-3-methylphenol	ND		170	42	ug/Kg	☼	10/21/24 08:49	10/22/24 15:39	1
4-Chloroaniline	ND		170	18	ug/Kg	☼	10/21/24 08:49	10/22/24 15:39	1
4-Chlorophenyl phenyl ether	ND		110	31	ug/Kg	☼	10/21/24 08:49	10/22/24 15:39	1
4-Nitroaniline	ND		220	29	ug/Kg	☼	10/21/24 08:49	10/22/24 15:39	1
4-Nitrophenol	ND		370	100	ug/Kg	☼	10/21/24 08:49	10/22/24 15:39	1
Acenaphthene	ND		44	16	ug/Kg	☼	10/21/24 08:49	10/22/24 15:39	1
Acenaphthylene	ND		44	17	ug/Kg	☼	10/21/24 08:49	10/22/24 15:39	1
Acetophenone	ND		110	28	ug/Kg	☼	10/21/24 08:49	10/22/24 15:39	1
Anthracene	ND		44	13	ug/Kg	☼	10/21/24 08:49	10/22/24 15:39	1
Atrazine	ND		370	76	ug/Kg	☼	10/21/24 08:49	10/22/24 15:39	1
Benzaldehyde	ND		370	62	ug/Kg	☼	10/21/24 08:49	10/22/24 15:39	1
Benzo[a]anthracene	ND		44	17	ug/Kg	☼	10/21/24 08:49	10/22/24 15:39	1
Benzo[a]pyrene	ND		44	16	ug/Kg	☼	10/21/24 08:49	10/22/24 15:39	1
Benzo[b]fluoranthene	**14**	**J**	44	13	ug/Kg	☼	10/21/24 08:49	10/22/24 15:39	1
Benzo[g,h,i]perylene	**36**	**J**	44	30	ug/Kg	☼	10/21/24 08:49	10/22/24 15:39	1
Benzo[k]fluoranthene	ND		44	11	ug/Kg	☼	10/21/24 08:49	10/22/24 15:39	1
Bis(2-chloroethoxy)methane	ND		110	22	ug/Kg	☼	10/21/24 08:49	10/22/24 15:39	1
Bis(2-chloroethyl)ether	ND		110	24	ug/Kg	☼	10/21/24 08:49	10/22/24 15:39	1
Bis(2-ethylhexyl) phthalate	ND		170	62	ug/Kg	☼	10/21/24 08:49	10/22/24 15:39	1
Butyl benzyl phthalate	ND		170	56	ug/Kg	☼	10/21/24 08:49	10/22/24 15:39	1
Caprolactam	ND		370	76	ug/Kg	☼	10/21/24 08:49	10/22/24 15:39	1
Carbazole	ND		110	30	ug/Kg	☼	10/21/24 08:49	10/22/24 15:39	1
Chrysene	ND		44	16	ug/Kg	☼	10/21/24 08:49	10/22/24 15:39	1
Dibenz(a,h)anthracene	ND		44	17	ug/Kg	☼	10/21/24 08:49	10/22/24 15:39	1

Client Sample ID: SB-9-30.0-32.0
Date Collected: 10/17/24 14:00
Date Received: 10/17/24 16:05

Lab Sample ID: 240-213295-7
Matrix: Solid
Percent Solids: 89.3

Method: SW846 8270E - Semivolatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Dibenzofuran	ND		110	32	ug/Kg	☼	10/21/24 08:49	10/22/24 15:39	1
Diethyl phthalate	ND		170	48	ug/Kg	☼	10/21/24 08:49	10/22/24 15:39	1
Dimethyl phthalate	ND		170	44	ug/Kg	☼	10/21/24 08:49	10/22/24 15:39	1
Di-n-butyl phthalate	ND		170	56	ug/Kg	☼	10/21/24 08:49	10/22/24 15:39	1
Di-n-octyl phthalate	ND		170	55	ug/Kg	☼	10/21/24 08:49	10/22/24 15:39	1
Fluoranthene	ND		44	16	ug/Kg	☼	10/21/24 08:49	10/22/24 15:39	1
Fluorene	ND		44	16	ug/Kg	☼	10/21/24 08:49	10/22/24 15:39	1
Hexachlorobenzene	ND		44	16	ug/Kg	☼	10/21/24 08:49	10/22/24 15:39	1
Hexachlorobutadiene	ND		110	23	ug/Kg	☼	10/21/24 08:49	10/22/24 15:39	1
Hexachlorocyclopentadiene	ND		370	43	ug/Kg	☼	10/21/24 08:49	10/22/24 15:39	1
Hexachloroethane	ND		110	35	ug/Kg	☼	10/21/24 08:49	10/22/24 15:39	1
Indeno[1,2,3-cd]pyrene	ND		44	13	ug/Kg	☼	10/21/24 08:49	10/22/24 15:39	1
Isophorone	ND		110	29	ug/Kg	☼	10/21/24 08:49	10/22/24 15:39	1
N-Nitrosodi-n-propylamine	ND		110	41	ug/Kg	☼	10/21/24 08:49	10/22/24 15:39	1
N-Nitrosodiphenylamine	ND		110	30	ug/Kg	☼	10/21/24 08:49	10/22/24 15:39	1
Naphthalene	**16**	**J**	44	14	ug/Kg	☼	10/21/24 08:49	10/22/24 15:39	1
Nitrobenzene	ND		110	24	ug/Kg	☼	10/21/24 08:49	10/22/24 15:39	1
Pentachlorophenol	ND		300	120	ug/Kg	☼	10/21/24 08:49	10/22/24 15:39	1
Phenanthrene	**59**		44	14	ug/Kg	☼	10/21/24 08:49	10/22/24 15:39	1
Phenol	ND		110	42	ug/Kg	☼	10/21/24 08:49	10/22/24 15:39	1
Pyrene	**20**	**J**	44	18	ug/Kg	☼	10/21/24 08:49	10/22/24 15:39	1
3 & 4 Methylphenol	ND		440	45	ug/Kg	☼	10/21/24 08:49	10/22/24 15:39	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Terphenyl-d14 (Surr)	*75*		*37 - 120*	*10/21/24 08:49*	*10/22/24 15:39*	*1*
Phenol-d5 (Surr)	*68*		*29 - 120*	*10/21/24 08:49*	*10/22/24 15:39*	*1*
Nitrobenzene-d5 (Surr)	*53*		*28 - 120*	*10/21/24 08:49*	*10/22/24 15:39*	*1*
2-Fluorophenol (Surr)	*68*		*26 - 120*	*10/21/24 08:49*	*10/22/24 15:39*	*1*
2-Fluorobiphenyl (Surr)	*60*		*36 - 120*	*10/21/24 08:49*	*10/22/24 15:39*	*1*
2,4,6-Tribromophenol (Surr)	*53*		*10 - 120*	*10/21/24 08:49*	*10/22/24 15:39*	*1*

Method: SW846 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aroclor-1016	ND		56	28	ug/Kg	☼	10/22/24 09:44	10/23/24 16:53	1
Aroclor-1221	ND		56	33	ug/Kg	☼	10/22/24 09:44	10/23/24 16:53	1
Aroclor-1232	ND		56	23	ug/Kg	☼	10/22/24 09:44	10/23/24 16:53	1
Aroclor-1242	ND		56	21	ug/Kg	☼	10/22/24 09:44	10/23/24 16:53	1
Aroclor-1248	ND		56	19	ug/Kg	☼	10/22/24 09:44	10/23/24 16:53	1
Aroclor-1254	ND		56	23	ug/Kg	☼	10/22/24 09:44	10/23/24 16:53	1
Aroclor-1260	ND		56	23	ug/Kg	☼	10/22/24 09:44	10/23/24 16:53	1
Aroclor-1262	ND		56	25	ug/Kg	☼	10/22/24 09:44	10/23/24 16:53	1
Aroclor-1268	ND		56	18	ug/Kg	☼	10/22/24 09:44	10/23/24 16:53	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Tetrachloro-m-xylene	*73*		*10 - 149*	*10/22/24 09:44*	*10/23/24 16:53*	*1*
DCB Decachlorobiphenyl	*73*		*10 - 174*	*10/22/24 09:44*	*10/23/24 16:53*	*1*

Method: SW846 6010D - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	**10**		1.5	0.32	mg/Kg	☼	10/21/24 15:00	10/22/24 23:32	1

Client: August Mack Environmental, Inc.
Project/Site: MSC Canfield

Job ID: 240-213295-1

Client Sample ID: SB-9-30.0-32.0
Date Collected: 10/17/24 14:00
Date Received: 10/17/24 16:05

Lab Sample ID: 240-213295-7
Matrix: Solid
Percent Solids: 89.3

Method: SW846 6010D - Metals (ICP) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Barium	14	J	21	0.13	mg/Kg	☼	10/21/24 15:00	10/22/24 23:32	1
Cadmium	0.072	J	0.51	0.049	mg/Kg	☼	10/21/24 15:00	10/22/24 23:32	1
Chromium	7.1		1.0	0.35	mg/Kg	☼	10/21/24 15:00	10/22/24 23:32	1
Copper	22		2.6	0.72	mg/Kg	☼	10/21/24 15:00	10/22/24 23:32	1
Lead	6.7		1.0	0.29	mg/Kg	☼	10/21/24 15:00	10/22/24 23:32	1
Selenium	ND		2.1	0.48	mg/Kg	☼	10/21/24 15:00	10/22/24 23:32	1
Silver	ND		1.0	0.083	mg/Kg	☼	10/21/24 15:00	10/22/24 23:32	1
Zinc	44		5.1	3.7	mg/Kg	☼	10/21/24 15:00	10/22/24 23:32	1

Method: SW846 7471B - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	ND		0.097	0.018	mg/Kg	☼	10/21/24 15:00	10/22/24 11:35	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cr (VI) (SW846 7196A)	ND		0.46	0.15	mg/Kg	☼	10/28/24 10:33	10/29/24 20:02	1
Cyanide, Total (SW846 9012B)	ND		0.58	0.46	mg/Kg	☼	10/29/24 09:44	10/29/24 12:17	1

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Solids (EPA Moisture)	89.3		0.1	0.1	%			10/18/24 11:57	1
Percent Moisture (EPA Moisture)	10.7		0.1	0.1	%			10/18/24 11:57	1

General Chemistry - ASTM Leach

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cyanide, Free (OI CORP OIA-1677)	ND		0.0060	0.0050	mg/L			10/31/24 15:34	1

Client: August Mack Environmental, Inc.
Project/Site: MSC Canfield

Job ID: 240-213295-1

Client Sample ID: TB-8-20241017
Date Collected: 10/17/24 00:00
Date Received: 10/17/24 16:05

Lab Sample ID: 240-213295-8
Matrix: Water

Method: SW846 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		1.0	0.48	ug/L			10/29/24 02:46	1
1,1,2,2-Tetrachloroethane	ND		1.0	0.60	ug/L			10/29/24 02:46	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		1.0	0.41	ug/L			10/29/24 02:46	1
1,1,2-Trichloroethane	ND		1.0	0.48	ug/L			10/29/24 02:46	1
1,1-Dichloroethane	ND		1.0	0.47	ug/L			10/29/24 02:46	1
1,1-Dichloroethene	ND		1.0	0.49	ug/L			10/29/24 02:46	1
1,2,4-Trichlorobenzene	ND		1.0	0.77	ug/L			10/29/24 02:46	1
1,2-Dibromo-3-Chloropropane	ND		2.0	0.91	ug/L			10/29/24 02:46	1
Ethylene Dibromide	ND		1.0	0.41	ug/L			10/29/24 02:46	1
1,2-Dichlorobenzene	ND		1.0	0.48	ug/L			10/29/24 02:46	1
1,2-Dichloroethane	ND		1.0	0.46	ug/L			10/29/24 02:46	1
1,2-Dichloropropane	ND		1.0	0.47	ug/L			10/29/24 02:46	1
1,3-Dichlorobenzene	ND		1.0	0.45	ug/L			10/29/24 02:46	1
1,4-Dichlorobenzene	ND		1.0	0.41	ug/L			10/29/24 02:46	1
2-Butanone (MEK)	ND		10	1.2	ug/L			10/29/24 02:46	1
2-Hexanone	ND		10	1.1	ug/L			10/29/24 02:46	1
4-Methyl-2-pentanone (MIBK)	ND		10	0.99	ug/L			10/29/24 02:46	1
Acetone	ND		10	5.4	ug/L			10/29/24 02:46	1
Benzene	ND		1.0	0.42	ug/L			10/29/24 02:46	1
Dichlorobromomethane	ND		1.0	0.38	ug/L			10/29/24 02:46	1
Bromoform	ND		1.0	0.76	ug/L			10/29/24 02:46	1
Bromomethane	ND		1.0	0.42	ug/L			10/29/24 02:46	1
Carbon disulfide	ND		1.0	0.59	ug/L			10/29/24 02:46	1
Carbon tetrachloride	ND		1.0	0.26	ug/L			10/29/24 02:46	1
Chlorobenzene	ND		1.0	0.38	ug/L			10/29/24 02:46	1
Chloroethane	ND		1.0	0.83	ug/L			10/29/24 02:46	1
Chloroform	ND		1.0	0.47	ug/L			10/29/24 02:46	1
Chloromethane	ND		1.0	0.63	ug/L			10/29/24 02:46	1
cis-1,2-Dichloroethene	ND		1.0	0.46	ug/L			10/29/24 02:46	1
cis-1,3-Dichloropropene	ND		1.0	0.61	ug/L			10/29/24 02:46	1
Cyclohexane	ND		1.0	0.48	ug/L			10/29/24 02:46	1
Chlorodibromomethane	ND		1.0	0.39	ug/L			10/29/24 02:46	1
Dichlorodifluoromethane	ND		1.0	0.35	ug/L			10/29/24 02:46	1
Ethylbenzene	ND		1.0	0.42	ug/L			10/29/24 02:46	1
Isopropylbenzene	ND		1.0	0.49	ug/L			10/29/24 02:46	1
Methyl acetate	ND		10	1.7	ug/L			10/29/24 02:46	1
Methyl tert-butyl ether	ND		1.0	0.47	ug/L			10/29/24 02:46	1
Methylcyclohexane	ND		1.0	0.33	ug/L			10/29/24 02:46	1
Methylene Chloride	ND		5.0	2.6	ug/L			10/29/24 02:46	1
Styrene	ND		1.0	0.45	ug/L			10/29/24 02:46	1
Tetrachloroethene	ND		1.0	0.44	ug/L			10/29/24 02:46	1
Toluene	ND		1.0	0.44	ug/L			10/29/24 02:46	1
trans-1,2-Dichloroethene	ND		1.0	0.51	ug/L			10/29/24 02:46	1
trans-1,3-Dichloropropene	ND		1.0	0.67	ug/L			10/29/24 02:46	1
Trichloroethene	ND		1.0	0.44	ug/L			10/29/24 02:46	1
Trichlorofluoromethane	ND		1.0	0.45	ug/L			10/29/24 02:46	1
Vinyl chloride	ND		1.0	0.45	ug/L			10/29/24 02:46	1
Xylenes, Total	ND		2.0	0.42	ug/L			10/29/24 02:46	1

Client: August Mack Environmental, Inc.
Project/Site: MSC Canfield

Job ID: 240-213295-1

Client Sample ID: TB-8-20241017
Date Collected: 10/17/24 00:00
Date Received: 10/17/24 16:05

Lab Sample ID: 240-213295-8
Matrix: Water

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
Toluene-d8 (Surr)	90		78 - 122		10/29/24 02:46	1
Dibromofluoromethane (Surr)	110		73 - 120		10/29/24 02:46	1
4-Bromofluorobenzene (Surr)	76		56 - 136		10/29/24 02:46	1
1,2-Dichloroethane-d4 (Surr)	109		62 - 137		10/29/24 02:46	1

Surrogate Summary

Client: August Mack Environmental, Inc.
Project/Site: MSC Canfield

Job ID: 240-213295-1

Method: 8260D - Volatile Organic Compounds by GC/MS

Matrix: Solid

Prep Type: Total/NA

		Percent Surrogate Recovery (Acceptance Limits)			
		TOL	DBFM	BFB	DCA
Lab Sample ID	Client Sample ID	(56-125)	(41-138)	(41-143)	(58-125)
240-213295-1	SB-22-4.0-6.0	101	96	94	98
240-213295-2	SB-22-12.0-14.0	100	99	92	102
240-213295-3	SB-22-18.0-20.0	101	98	94	99
240-213295-4	SB-11-22.0-24.0	112	97	111	97
240-213295-5	SB-11-20.0-22.0	108	98	111	98
240-213295-6	SB-9-22.0-24.0	100	97	93	96
240-213295-6	SB-9-22.0-24.0	101	98	92	95
240-213295-6 MS	SB-9-22.0-24.0	96	96	98	91
240-213295-6 MSD	SB-9-22.0-24.0	101	98	100	94
240-213295-7	SB-9-30.0-32.0	112	98	114	98
LCS 240-632002/5	Lab Control Sample	101	98	95	95
LCS 240-632329/2-A	Lab Control Sample	99	95	93	90
MB 240-632002/7	Method Blank	100	99	91	97
MB 240-632329/1-A	Method Blank	102	96	91	96

Surrogate Legend

TOL = Toluene-d8 (Surr)
DBFM = Dibromofluoromethane (Surr)
BFB = 4-Bromofluorobenzene (Surr)
DCA = 1,2-Dichloroethane-d4 (Surr)

Method: 8260D - Volatile Organic Compounds by GC/MS

Matrix: Water

Prep Type: Total/NA

		Percent Surrogate Recovery (Acceptance Limits)			
		TOL	DBFM	BFB	DCA
Lab Sample ID	Client Sample ID	(78-122)	(73-120)	(56-136)	(62-137)
240-213295-8	TB-8-20241017	90	110	76	109
LCS 240-632801/4	Lab Control Sample	101	101	97	98
MB 240-632801/7	Method Blank	87	98	79	97

Surrogate Legend

TOL = Toluene-d8 (Surr)
DBFM = Dibromofluoromethane (Surr)
BFB = 4-Bromofluorobenzene (Surr)
DCA = 1,2-Dichloroethane-d4 (Surr)

Method: 8270E - Semivolatile Organic Compounds (GC/MS)

Matrix: Solid

Prep Type: Total/NA

		Percent Surrogate Recovery (Acceptance Limits)					
		TPHL	PHL	NBZ	2FP	FBP	TBP
Lab Sample ID	Client Sample ID	(37-120)	(29-120)	(28-120)	(26-120)	(36-120)	(10-120)
240-213295-1	SB-22-4.0-6.0	71	63	49	63	55	67
240-213295-2	SB-22-12.0-14.0	66	54	45	55	47	60
240-213295-3	SB-22-18.0-20.0	72	60	52	59	58	59
240-213295-4	SB-11-22.0-24.0	70	57	48	55	55	56
240-213295-5	SB-11-20.0-22.0	65	57	49	57	56	49
240-213295-6	SB-9-22.0-24.0	78	72	60	70	67	64
240-213295-7	SB-9-30.0-32.0	75	68	53	68	60	53
LCS 240-631619/2-A	Lab Control Sample	69	66	65	66	65	75

Method: 8270E - Semivolatile Organic Compounds (GC/MS) (Continued)

Matrix: Solid **Prep Type: Total/NA**

		Percent Surrogate Recovery (Acceptance Limits)							
		TPHL	PHL	NBZ	2FP	FBP	TBP		
Lab Sample ID	Client Sample ID	(37-120)	(29-120)	(28-120)	(26-120)	(36-120)	(10-120)		
MB 240-631619/1-A	Method Blank	61	62	53	62	57	49		

Surrogate Legend

TPHL = Terphenyl-d14 (Surr)
PHL = Phenol-d5 (Surr)
NBZ = Nitrobenzene-d5 (Surr)
2FP = 2-Fluorophenol (Surr)
FBP = 2-Fluorobiphenyl (Surr)
TBP = 2,4,6-Tribromophenol (Surr)

Method: 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Matrix: Solid **Prep Type: Total/NA**

		Percent Surrogate Recovery (Acceptance Limits)							
		TCX1	DCBP1						
Lab Sample ID	Client Sample ID	(10-149)	(10-174)						
240-213295-1	SB-22-4.0-6.0	63	71						
240-213295-2	SB-22-12.0-14.0	65	72						
240-213295-3	SB-22-18.0-20.0	64	62						
240-213295-4	SB-11-22.0-24.0	70	71						
240-213295-5	SB-11-20.0-22.0	70	72						
240-213295-6	SB-9-22.0-24.0	61	62						
240-213295-7	SB-9-30.0-32.0	73	73						
LCS 240-631847/2-A	Lab Control Sample	60	71						
MB 240-631847/1-A	Method Blank	55	57						

Surrogate Legend

TCX = Tetrachloro-m-xylene
DCBP = DCB Decachlorobiphenyl

Method: 8260D - Volatile Organic Compounds by GC/MS

Lab Sample ID: MB 240-632002/7
Matrix: Solid
Analysis Batch: 632002

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		5.0	1.8	ug/Kg			10/23/24 10:15	1
1,1,2,2-Tetrachloroethane	ND		5.0	1.4	ug/Kg			10/23/24 10:15	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		5.0	1.3	ug/Kg			10/23/24 10:15	1
1,1,2-Trichloroethane	ND		5.0	1.1	ug/Kg			10/23/24 10:15	1
1,1-Dichloroethane	ND		5.0	1.4	ug/Kg			10/23/24 10:15	1
1,1-Dichloroethene	ND		5.0	1.8	ug/Kg			10/23/24 10:15	1
1,2,4-Trichlorobenzene	ND		5.0	2.5	ug/Kg			10/23/24 10:15	1
1,2-Dibromo-3-Chloropropane	ND		10	3.6	ug/Kg			10/23/24 10:15	1
Ethylene Dibromide	ND		5.0	1.7	ug/Kg			10/23/24 10:15	1
1,2-Dichlorobenzene	ND		5.0	1.1	ug/Kg			10/23/24 10:15	1
1,2-Dichloroethane	ND		5.0	1.8	ug/Kg			10/23/24 10:15	1
1,2-Dichloropropane	ND		5.0	0.85	ug/Kg			10/23/24 10:15	1
1,3-Dichlorobenzene	ND		5.0	1.6	ug/Kg			10/23/24 10:15	1
1,4-Dichlorobenzene	ND		5.0	0.88	ug/Kg			10/23/24 10:15	1
2-Butanone (MEK)	3.76	J	20	3.6	ug/Kg			10/23/24 10:15	1
2-Hexanone	ND		20	4.1	ug/Kg			10/23/24 10:15	1
4-Methyl-2-pentanone (MIBK)	ND		20	3.7	ug/Kg			10/23/24 10:15	1
Acetone	ND		25	21	ug/Kg			10/23/24 10:15	1
Benzene	ND		5.0	1.5	ug/Kg			10/23/24 10:15	1
Dichlorobromomethane	ND		5.0	1.5	ug/Kg			10/23/24 10:15	1
Bromoform	ND		5.0	2.4	ug/Kg			10/23/24 10:15	1
Bromomethane	ND		5.0	4.2	ug/Kg			10/23/24 10:15	1
Carbon disulfide	ND		5.0	1.2	ug/Kg			10/23/24 10:15	1
Carbon tetrachloride	ND		5.0	3.3	ug/Kg			10/23/24 10:15	1
Chlorobenzene	ND		5.0	0.92	ug/Kg			10/23/24 10:15	1
Chloroethane	ND		5.0	2.7	ug/Kg			10/23/24 10:15	1
Chloroform	ND		5.0	1.8	ug/Kg			10/23/24 10:15	1
Chloromethane	ND		5.0	2.3	ug/Kg			10/23/24 10:15	1
cis-1,2-Dichloroethene	ND		5.0	1.5	ug/Kg			10/23/24 10:15	1
cis-1,3-Dichloropropene	ND		5.0	2.9	ug/Kg			10/23/24 10:15	1
Cyclohexane	ND		10	1.4	ug/Kg			10/23/24 10:15	1
Chlorodibromomethane	ND		5.0	2.8	ug/Kg			10/23/24 10:15	1
Dichlorodifluoromethane	ND		5.0	2.3	ug/Kg			10/23/24 10:15	1
Ethylbenzene	ND		5.0	1.0	ug/Kg			10/23/24 10:15	1
Isopropylbenzene	ND		5.0	1.9	ug/Kg			10/23/24 10:15	1
Methyl acetate	ND		25	3.4	ug/Kg			10/23/24 10:15	1
Methyl tert-butyl ether	ND		5.0	2.0	ug/Kg			10/23/24 10:15	1
Methylcyclohexane	ND		10	1.2	ug/Kg			10/23/24 10:15	1
Methylene Chloride	ND		25	12	ug/Kg			10/23/24 10:15	1
Styrene	ND		5.0	1.2	ug/Kg			10/23/24 10:15	1
Tetrachloroethene	ND		5.0	1.9	ug/Kg			10/23/24 10:15	1
Toluene	ND		5.0	0.77	ug/Kg			10/23/24 10:15	1
trans-1,2-Dichloroethene	ND		5.0	1.4	ug/Kg			10/23/24 10:15	1
trans-1,3-Dichloropropene	ND		5.0	1.8	ug/Kg			10/23/24 10:15	1
Trichloroethene	ND		5.0	1.4	ug/Kg			10/23/24 10:15	1
Trichlorofluoromethane	ND		5.0	2.7	ug/Kg			10/23/24 10:15	1
Vinyl chloride	ND		5.0	1.8	ug/Kg			10/23/24 10:15	1
Xylenes, Total	ND		10	1.6	ug/Kg			10/23/24 10:15	1

Method: 8260D - Volatile Organic Compounds by GC/MS (Continued)

Lab Sample ID: MB 240-632002/7
Matrix: Solid
Analysis Batch: 632002

Client Sample ID: Method Blank
Prep Type: Total/NA

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
Toluene-d8 (Surr)	*100*		*56 - 125*		*10/23/24 10:15*	*1*
Dibromofluoromethane (Surr)	*99*		*41 - 138*		*10/23/24 10:15*	*1*
4-Bromofluorobenzene (Surr)	*91*		*41 - 143*		*10/23/24 10:15*	*1*
1,2-Dichloroethane-d4 (Surr)	*97*		*58 - 125*		*10/23/24 10:15*	*1*

Lab Sample ID: LCS 240-632002/5
Matrix: Solid
Analysis Batch: 632002

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
1,1,1-Trichloroethane	50.0	50.8		ug/Kg		102	74 - 136
1,1,2,2-Tetrachloroethane	50.0	48.9		ug/Kg		98	66 - 129
1,1,2-Trichloro-1,2,2-trifluoroethane	50.0	58.3		ug/Kg		117	64 - 148
1,1,2-Trichloroethane	50.0	48.7		ug/Kg		97	79 - 120
1,1-Dichloroethane	50.0	46.1		ug/Kg		92	74 - 121
1,1-Dichloroethene	50.0	55.4		ug/Kg		111	68 - 141
1,2,4-Trichlorobenzene	50.0	54.3		ug/Kg		109	58 - 132
1,2-Dibromo-3-Chloropropane	50.0	53.6		ug/Kg		107	52 - 133
Ethylene Dibromide	50.0	48.7		ug/Kg		97	80 - 121
1,2-Dichlorobenzene	50.0	53.0		ug/Kg		106	73 - 120
1,2-Dichloroethane	50.0	44.7		ug/Kg		89	71 - 123
1,2-Dichloropropane	50.0	44.9		ug/Kg		90	76 - 126
1,3-Dichlorobenzene	50.0	49.8		ug/Kg		100	73 - 120
1,4-Dichlorobenzene	50.0	48.9		ug/Kg		98	74 - 120
2-Butanone (MEK)	100	87.9		ug/Kg		88	63 - 142
2-Hexanone	100	78.7		ug/Kg		79	65 - 142
4-Methyl-2-pentanone (MIBK)	100	94.1		ug/Kg		94	62 - 142
Acetone	100	110		ug/Kg		110	58 - 160
Benzene	50.0	45.6		ug/Kg		91	76 - 121
Dichlorobromomethane	50.0	47.1		ug/Kg		94	71 - 138
Bromoform	50.0	49.8		ug/Kg		100	57 - 140
Bromomethane	50.0	63.4		ug/Kg		127	10 - 171
Carbon disulfide	50.0	54.0		ug/Kg		108	43 - 152
Carbon tetrachloride	50.0	49.8		ug/Kg		100	64 - 144
Chlorobenzene	50.0	48.7		ug/Kg		97	80 - 120
Chloroethane	50.0	55.5		ug/Kg		111	11 - 164
Chloroform	50.0	46.1		ug/Kg		92	78 - 120
Chloromethane	50.0	48.7		ug/Kg		97	41 - 142
cis-1,2-Dichloroethene	50.0	47.3		ug/Kg		95	78 - 124
cis-1,3-Dichloropropene	50.0	41.7		ug/Kg		83	70 - 133
Cyclohexane	50.0	49.8		ug/Kg		100	65 - 137
Chlorodibromomethane	50.0	49.4		ug/Kg		99	68 - 131
Dichlorodifluoromethane	50.0	40.2		ug/Kg		80	21 - 150
Ethylbenzene	50.0	47.8		ug/Kg		96	80 - 120
Isopropylbenzene	50.0	57.7		ug/Kg		115	80 - 130
Methyl acetate	100	84.6		ug/Kg		85	60 - 133
Methyl tert-butyl ether	50.0	45.9		ug/Kg		92	70 - 130
Methylcyclohexane	50.0	47.6		ug/Kg		95	70 - 138

Method: 8260D - Volatile Organic Compounds by GC/MS (Continued)

Lab Sample ID: LCS 240-632002/5
Matrix: Solid
Analysis Batch: 632002

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Methylene Chloride	50.0	54.6		ug/Kg		109	71 - 124
Styrene	50.0	48.0		ug/Kg		96	75 - 140
Tetrachloroethene	50.0	49.0		ug/Kg		98	76 - 127
Toluene	50.0	47.1		ug/Kg		94	80 - 120
trans-1,2-Dichloroethene	50.0	48.4		ug/Kg		97	76 - 130
trans-1,3-Dichloropropene	50.0	47.7		ug/Kg		95	61 - 121
Trichloroethene	50.0	48.4		ug/Kg		97	74 - 130
Trichlorofluoromethane	50.0	55.1		ug/Kg		110	50 - 154
Vinyl chloride	50.0	59.4		ug/Kg		119	49 - 146
Xylenes, Total	100	97.7		ug/Kg		98	80 - 122
m-Xylene & p-Xylene	50.0	47.4		ug/Kg		95	80 - 122
o-Xylene	50.0	50.3		ug/Kg		101	80 - 124

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
Toluene-d8 (Surr)	*101*		*56 - 125*
Dibromofluoromethane (Surr)	*98*		*41 - 138*
4-Bromofluorobenzene (Surr)	*95*		*41 - 143*
1,2-Dichloroethane-d4 (Surr)	*95*		*58 - 125*

Lab Sample ID: MB 240-632329/1-A
Matrix: Solid
Analysis Batch: 632400

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 632329

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		250	78	ug/Kg		10/24/24 13:26	10/25/24 13:17	1
1,1,2,2-Tetrachloroethane	ND		250	150	ug/Kg		10/24/24 13:26	10/25/24 13:17	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		250	67	ug/Kg		10/24/24 13:26	10/25/24 13:17	1
1,1,2-Trichloroethane	ND		250	57	ug/Kg		10/24/24 13:26	10/25/24 13:17	1
1,1-Dichloroethane	ND		250	48	ug/Kg		10/24/24 13:26	10/25/24 13:17	1
1,1-Dichloroethene	ND		250	82	ug/Kg		10/24/24 13:26	10/25/24 13:17	1
1,2,4-Trichlorobenzene	ND		250	130	ug/Kg		10/24/24 13:26	10/25/24 13:17	1
1,2-Dibromo-3-Chloropropane	ND		500	220	ug/Kg		10/24/24 13:26	10/25/24 13:17	1
Ethylene Dibromide	ND		250	79	ug/Kg		10/24/24 13:26	10/25/24 13:17	1
1,2-Dichlorobenzene	ND		250	120	ug/Kg		10/24/24 13:26	10/25/24 13:17	1
1,2-Dichloroethane	ND		250	47	ug/Kg		10/24/24 13:26	10/25/24 13:17	1
1,2-Dichloropropane	ND		250	37	ug/Kg		10/24/24 13:26	10/25/24 13:17	1
1,3-Dichlorobenzene	ND		250	46	ug/Kg		10/24/24 13:26	10/25/24 13:17	1
1,4-Dichlorobenzene	ND		250	55	ug/Kg		10/24/24 13:26	10/25/24 13:17	1
2-Butanone (MEK)	ND		1000	350	ug/Kg		10/24/24 13:26	10/25/24 13:17	1
2-Hexanone	ND		1000	260	ug/Kg		10/24/24 13:26	10/25/24 13:17	1
4-Methyl-2-pentanone (MIBK)	ND		1000	240	ug/Kg		10/24/24 13:26	10/25/24 13:17	1
Acetone	ND		1000	240	ug/Kg		10/24/24 13:26	10/25/24 13:17	1
Benzene	ND		250	42	ug/Kg		10/24/24 13:26	10/25/24 13:17	1
Dichlorobromomethane	ND		250	61	ug/Kg		10/24/24 13:26	10/25/24 13:17	1
Bromoform	ND		250	230	ug/Kg		10/24/24 13:26	10/25/24 13:17	1
Bromomethane	ND		250	170	ug/Kg		10/24/24 13:26	10/25/24 13:17	1
Carbon disulfide	ND		250	110	ug/Kg		10/24/24 13:26	10/25/24 13:17	1
Carbon tetrachloride	ND		250	100	ug/Kg		10/24/24 13:26	10/25/24 13:17	1

Method: 8260D - Volatile Organic Compounds by GC/MS (Continued)

Lab Sample ID: MB 240-632329/1-A
Matrix: Solid
Analysis Batch: 632400

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 632329

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chlorobenzene	ND		250	35	ug/Kg		10/24/24 13:26	10/25/24 13:17	1
Chloroethane	ND		250	150	ug/Kg		10/24/24 13:26	10/25/24 13:17	1
Chloroform	ND		250	54	ug/Kg		10/24/24 13:26	10/25/24 13:17	1
Chloromethane	ND		250	140	ug/Kg		10/24/24 13:26	10/25/24 13:17	1
cis-1,2-Dichloroethene	ND		250	81	ug/Kg		10/24/24 13:26	10/25/24 13:17	1
cis-1,3-Dichloropropene	ND		250	120	ug/Kg		10/24/24 13:26	10/25/24 13:17	1
Cyclohexane	ND		500	160	ug/Kg		10/24/24 13:26	10/25/24 13:17	1
Chlorodibromomethane	ND		250	120	ug/Kg		10/24/24 13:26	10/25/24 13:17	1
Dichlorodifluoromethane	ND		250	170	ug/Kg		10/24/24 13:26	10/25/24 13:17	1
Ethylbenzene	ND		250	47	ug/Kg		10/24/24 13:26	10/25/24 13:17	1
Isopropylbenzene	ND		250	77	ug/Kg		10/24/24 13:26	10/25/24 13:17	1
Methyl acetate	ND		1300	170	ug/Kg		10/24/24 13:26	10/25/24 13:17	1
Methyl tert-butyl ether	ND		250	82	ug/Kg		10/24/24 13:26	10/25/24 13:17	1
Methylcyclohexane	ND		500	66	ug/Kg		10/24/24 13:26	10/25/24 13:17	1
Methylene Chloride	ND		500	380	ug/Kg		10/24/24 13:26	10/25/24 13:17	1
Styrene	ND		250	52	ug/Kg		10/24/24 13:26	10/25/24 13:17	1
Tetrachloroethene	ND		250	97	ug/Kg		10/24/24 13:26	10/25/24 13:17	1
Toluene	ND		250	64	ug/Kg		10/24/24 13:26	10/25/24 13:17	1
trans-1,2-Dichloroethene	ND		250	62	ug/Kg		10/24/24 13:26	10/25/24 13:17	1
trans-1,3-Dichloropropene	ND		250	110	ug/Kg		10/24/24 13:26	10/25/24 13:17	1
Trichloroethene	ND		250	140	ug/Kg		10/24/24 13:26	10/25/24 13:17	1
Trichlorofluoromethane	ND		250	140	ug/Kg		10/24/24 13:26	10/25/24 13:17	1
Vinyl chloride	ND		250	120	ug/Kg		10/24/24 13:26	10/25/24 13:17	1
Xylenes, Total	ND		500	91	ug/Kg		10/24/24 13:26	10/25/24 13:17	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Toluene-d8 (Surr)	*102*		*56 - 125*	*10/24/24 13:26*	*10/25/24 13:17*	*1*
Dibromofluoromethane (Surr)	*96*		*41 - 138*	*10/24/24 13:26*	*10/25/24 13:17*	*1*
4-Bromofluorobenzene (Surr)	*91*		*41 - 143*	*10/24/24 13:26*	*10/25/24 13:17*	*1*
1,2-Dichloroethane-d4 (Surr)	*96*		*58 - 125*	*10/24/24 13:26*	*10/25/24 13:17*	*1*

Lab Sample ID: LCS 240-632329/2-A
Matrix: Solid
Analysis Batch: 632400

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 632329

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
1,1,1-Trichloroethane	2500	2490		ug/Kg		100	74 - 136
1,1,2,2-Tetrachloroethane	2500	2540		ug/Kg		102	66 - 129
1,1,2-Trichloro-1,2,2-trifluoroetha ne	2500	2910		ug/Kg		117	64 - 148
1,1,2-Trichloroethane	2500	2400		ug/Kg		96	79 - 120
1,1-Dichloroethane	2500	2230		ug/Kg		89	74 - 121
1,1-Dichloroethene	2500	2610		ug/Kg		105	68 - 141
1,2,4-Trichlorobenzene	2500	2970		ug/Kg		119	58 - 132
1,2-Dibromo-3-Chloropropane	2500	2430		ug/Kg		97	52 - 133
Ethylene Dibromide	2500	2410		ug/Kg		97	80 - 121
1,2-Dichlorobenzene	2500	2700		ug/Kg		108	73 - 120
1,2-Dichloroethane	2500	2210		ug/Kg		88	71 - 123
1,2-Dichloropropane	2500	2260		ug/Kg		90	76 - 126

Method: 8260D - Volatile Organic Compounds by GC/MS (Continued)

Lab Sample ID: LCS 240-632329/2-A
Matrix: Solid
Analysis Batch: 632400

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 632329

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
1,3-Dichlorobenzene	2500	2510		ug/Kg		101	73 - 120
1,4-Dichlorobenzene	2500	2480		ug/Kg		99	74 - 120
2-Butanone (MEK)	5000	4360		ug/Kg		87	63 - 142
2-Hexanone	5000	4100		ug/Kg		82	65 - 142
4-Methyl-2-pentanone (MIBK)	5000	4810		ug/Kg		96	62 - 142
Acetone	5000	4830		ug/Kg		97	58 - 160
Benzene	2500	2250		ug/Kg		90	76 - 121
Dichlorobromomethane	2500	2170		ug/Kg		87	71 - 138
Bromoform	2500	2080		ug/Kg		83	57 - 140
Bromomethane	2500	2570		ug/Kg		103	10 - 171
Carbon disulfide	2500	2460		ug/Kg		98	43 - 152
Carbon tetrachloride	2500	2220		ug/Kg		89	64 - 144
Chlorobenzene	2500	2420		ug/Kg		97	80 - 120
Chloroethane	2500	2330		ug/Kg		93	11 - 164
Chloroform	2500	2250		ug/Kg		90	78 - 120
Chloromethane	2500	2780		ug/Kg		111	41 - 142
cis-1,2-Dichloroethene	2500	2320		ug/Kg		93	78 - 124
cis-1,3-Dichloropropene	2500	1960		ug/Kg		79	70 - 133
Cyclohexane	2500	2480		ug/Kg		99	65 - 137
Chlorodibromomethane	2500	2210		ug/Kg		88	68 - 131
Dichlorodifluoromethane	2500	2590		ug/Kg		104	21 - 150
Ethylbenzene	2500	2370		ug/Kg		95	80 - 120
Isopropylbenzene	2500	2830		ug/Kg		113	80 - 130
Methyl acetate	5000	4180		ug/Kg		84	60 - 133
Methyl tert-butyl ether	2500	2310		ug/Kg		92	70 - 130
Methylcyclohexane	2500	2360		ug/Kg		94	70 - 138
Methylene Chloride	2500	3050		ug/Kg		122	71 - 124
Styrene	2500	2380		ug/Kg		95	75 - 140
Tetrachloroethene	2500	2440		ug/Kg		97	76 - 127
Toluene	2500	2340		ug/Kg		94	80 - 120
trans-1,2-Dichloroethene	2500	2400		ug/Kg		96	76 - 130
trans-1,3-Dichloropropene	2500	2230		ug/Kg		89	61 - 121
Trichloroethene	2500	2300		ug/Kg		92	74 - 130
Trichlorofluoromethane	2500	2620		ug/Kg		105	50 - 154
Vinyl chloride	2500	3260		ug/Kg		130	49 - 146
Xylenes, Total	5000	4860		ug/Kg		97	80 - 122
m-Xylene & p-Xylene	2500	2340		ug/Kg		94	80 - 122
o-Xylene	2500	2520		ug/Kg		101	80 - 124

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
Toluene-d8 (Surr)	*99*		*56 - 125*
Dibromofluoromethane (Surr)	*95*		*41 - 138*
4-Bromofluorobenzene (Surr)	*93*		*41 - 143*
1,2-Dichloroethane-d4 (Surr)	*90*		*58 - 125*

Method: 8260D - Volatile Organic Compounds by GC/MS (Continued)

Lab Sample ID: 240-213295-6 MS
Matrix: Solid
Analysis Batch: 633042

Client Sample ID: SB-9-22.0-24.0
Prep Type: Total/NA
Prep Batch: 632329

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
1,1,1-Trichloroethane	ND		5460	5160		ug/Kg	☼	94	46 - 144
1,1,2,2-Tetrachloroethane	ND		5460	5350		ug/Kg	☼	98	26 - 159
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		5460	4810		ug/Kg	☼	88	35 - 164
1,1,2-Trichloroethane	ND		5460	5460		ug/Kg	☼	100	26 - 149
1,1-Dichloroethane	ND		5460	4950		ug/Kg	☼	91	46 - 135
1,1-Dichloroethene	ND		5460	4630		ug/Kg	☼	85	44 - 160
1,2,4-Trichlorobenzene	ND		5460	4750		ug/Kg	☼	87	10 - 120
1,2-Dibromo-3-Chloropropane	ND		5460	4730		ug/Kg	☼	87	12 - 144
Ethylene Dibromide	ND		5460	5370		ug/Kg	☼	98	31 - 142
1,2-Dichlorobenzene	ND		5460	5260		ug/Kg	☼	96	10 - 126
1,2-Dichloroethane	ND		5460	4940		ug/Kg	☼	90	40 - 132
1,2-Dichloropropane	ND		5460	5260		ug/Kg	☼	96	45 - 133
1,3-Dichlorobenzene	ND		5460	5370		ug/Kg	☼	98	10 - 131
1,4-Dichlorobenzene	ND		5460	5270		ug/Kg	☼	97	10 - 129
2-Butanone (MEK)	ND		10900	8990		ug/Kg	☼	82	30 - 157
2-Hexanone	ND		10900	9640		ug/Kg	☼	88	20 - 166
4-Methyl-2-pentanone (MIBK)	ND		10900	9920		ug/Kg	☼	91	31 - 159
Acetone	ND		10900	9760		ug/Kg	☼	89	35 - 167
Benzene	ND		5460	5050		ug/Kg	☼	92	39 - 134
Dichlorobromomethane	ND		5460	5240		ug/Kg	☼	96	32 - 146
Bromoform	ND		5460	5230		ug/Kg	☼	96	12 - 144
Bromomethane	ND		5460	4530		ug/Kg	☼	83	10 - 161
Carbon disulfide	ND		5460	4300		ug/Kg	☼	79	24 - 153
Carbon tetrachloride	ND		5460	4970		ug/Kg	☼	91	37 - 145
Chlorobenzene	ND		5460	5280		ug/Kg	☼	97	18 - 134
Chloroethane	ND		5460	4080		ug/Kg	☼	75	14 - 159
Chloroform	ND		5460	5050		ug/Kg	☼	93	43 - 134
Chloromethane	ND		5460	4010		ug/Kg	☼	73	32 - 151
cis-1,2-Dichloroethene	ND		5460	5390		ug/Kg	☼	99	48 - 132
cis-1,3-Dichloropropene	ND		5460	4830		ug/Kg	☼	89	23 - 139
Cyclohexane	ND		5460	4690		ug/Kg	☼	86	31 - 147
Chlorodibromomethane	ND		5460	5290		ug/Kg	☼	97	25 - 143
Dichlorodifluoromethane	ND		5460	3660		ug/Kg	☼	67	16 - 157
Ethylbenzene	ND		5460	5290		ug/Kg	☼	97	17 - 137
Isopropylbenzene	ND		5460	5640		ug/Kg	☼	103	10 - 146
Methyl acetate	ND		10900	8990		ug/Kg	☼	82	13 - 164
Methyl tert-butyl ether	ND		5460	4840		ug/Kg	☼	89	55 - 134
Methylcyclohexane	ND		5460	5000		ug/Kg	☼	92	20 - 153
Methylene Chloride	ND		5460	5360		ug/Kg	☼	98	38 - 145
Styrene	ND		5460	5430		ug/Kg	☼	99	10 - 149
Tetrachloroethene	ND		5460	5260		ug/Kg	☼	96	19 - 147
Toluene	ND		5460	5100		ug/Kg	☼	93	30 - 137
trans-1,2-Dichloroethene	ND		5460	5040		ug/Kg	☼	92	41 - 145
trans-1,3-Dichloropropene	ND		5460	5350		ug/Kg	☼	98	19 - 130
Trichlorofluoromethane	ND		5460	4830		ug/Kg	☼	88	36 - 161
Vinyl chloride	ND		5460	4600		ug/Kg	☼	84	32 - 163
Xylenes, Total	ND		10900	10500		ug/Kg	☼	96	17 - 138
m-Xylene & p-Xylene	ND		5460	5240		ug/Kg	☼	96	10 - 141

Method: 8260D - Volatile Organic Compounds by GC/MS (Continued)

Lab Sample ID: 240-213295-6 MS
Matrix: Solid
Analysis Batch: 633042

Client Sample ID: SB-9-22.0-24.0
Prep Type: Total/NA
Prep Batch: 632329

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
o-Xylene	ND		5460	5220		ug/Kg	☼	95	18 - 139

Surrogate	*MS %Recovery*	*MS Qualifier*	*Limits*
Toluene-d8 (Surr)	*96*		*56 - 125*
Dibromofluoromethane (Surr)	*96*		*41 - 138*
4-Bromofluorobenzene (Surr)	*98*		*41 - 143*
1,2-Dichloroethane-d4 (Surr)	*91*		*58 - 125*

Lab Sample ID: 240-213295-6 MSD
Matrix: Solid
Analysis Batch: 633042

Client Sample ID: SB-9-22.0-24.0
Prep Type: Total/NA
Prep Batch: 632329

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
1,1,1-Trichloroethane	ND		5460	5140		ug/Kg	☼	94	46 - 144	0	37
1,1,2,2-Tetrachloroethane	ND		5460	5440		ug/Kg	☼	100	26 - 159	2	40
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		5460	4930		ug/Kg	☼	90	35 - 164	2	37
1,1,2-Trichloroethane	ND		5460	5460		ug/Kg	☼	100	26 - 149	0	40
1,1-Dichloroethane	ND		5460	5040		ug/Kg	☼	92	46 - 135	2	36
1,1-Dichloroethene	ND		5460	4790		ug/Kg	☼	88	44 - 160	3	37
1,2,4-Trichlorobenzene	ND		5460	4740		ug/Kg	☼	87	10 - 120	0	40
1,2-Dibromo-3-Chloropropane	ND		5460	4830		ug/Kg	☼	88	12 - 144	2	40
Ethylene Dibromide	ND		5460	5330		ug/Kg	☼	98	31 - 142	1	40
1,2-Dichlorobenzene	ND		5460	5060		ug/Kg	☼	93	10 - 126	4	40
1,2-Dichloroethane	ND		5460	4960		ug/Kg	☼	91	40 - 132	1	35
1,2-Dichloropropane	ND		5460	5200		ug/Kg	☼	95	45 - 133	1	37
1,3-Dichlorobenzene	ND		5460	5090		ug/Kg	☼	93	10 - 131	5	40
1,4-Dichlorobenzene	ND		5460	5000		ug/Kg	☼	92	10 - 129	5	40
2-Butanone (MEK)	ND		10900	8950		ug/Kg	☼	82	30 - 157	1	40
2-Hexanone	ND		10900	10100		ug/Kg	☼	92	20 - 166	5	40
4-Methyl-2-pentanone (MIBK)	ND		10900	10200		ug/Kg	☼	94	31 - 159	3	40
Acetone	ND		10900	9780		ug/Kg	☼	90	35 - 167	0	40
Benzene	ND		5460	5010		ug/Kg	☼	92	39 - 134	1	40
Dichlorobromomethane	ND		5460	5320		ug/Kg	☼	97	32 - 146	2	39
Bromoform	ND		5460	5170		ug/Kg	☼	95	12 - 144	1	40
Bromomethane	ND		5460	4760		ug/Kg	☼	87	10 - 161	5	40
Carbon disulfide	ND		5460	4410		ug/Kg	☼	81	24 - 153	3	40
Carbon tetrachloride	ND		5460	5040		ug/Kg	☼	92	37 - 145	1	38
Chlorobenzene	ND		5460	5180		ug/Kg	☼	95	18 - 134	2	40
Chloroethane	ND		5460	4260		ug/Kg	☼	78	14 - 159	4	40
Chloroform	ND		5460	5070		ug/Kg	☼	93	43 - 134	0	36
Chloromethane	ND		5460	4150		ug/Kg	☼	76	32 - 151	4	38
cis-1,2-Dichloroethene	ND		5460	5450		ug/Kg	☼	100	48 - 132	1	37
cis-1,3-Dichloropropene	ND		5460	4790		ug/Kg	☼	88	23 - 139	1	39
Cyclohexane	ND		5460	4720		ug/Kg	☼	86	31 - 147	1	39
Chlorodibromomethane	ND		5460	5370		ug/Kg	☼	98	25 - 143	2	40
Dichlorodifluoromethane	ND		5460	3740		ug/Kg	☼	68	16 - 157	2	40
Ethylbenzene	ND		5460	5190		ug/Kg	☼	95	17 - 137	2	40
Isopropylbenzene	ND		5460	5530		ug/Kg	☼	101	10 - 146	2	40

Method: 8260D - Volatile Organic Compounds by GC/MS (Continued)

Lab Sample ID: 240-213295-6 MSD
Matrix: Solid
Analysis Batch: 633042

Client Sample ID: SB-9-22.0-24.0
Prep Type: Total/NA
Prep Batch: 632329

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Methyl acetate	ND		10900	9050		ug/Kg	☼	83	13 - 164	1	40
Methyl tert-butyl ether	ND		5460	4960		ug/Kg	☼	91	55 - 134	2	37
Methylcyclohexane	ND		5460	5040		ug/Kg	☼	92	20 - 153	1	40
Methylene Chloride	ND		5460	5580		ug/Kg	☼	102	38 - 145	4	40
Styrene	ND		5460	5230		ug/Kg	☼	96	10 - 149	4	40
Tetrachloroethene	ND		5460	5220		ug/Kg	☼	96	19 - 147	1	40
Toluene	ND		5460	5150		ug/Kg	☼	94	30 - 137	1	40
trans-1,2-Dichloroethene	ND		5460	5110		ug/Kg	☼	94	41 - 145	1	37
trans-1,3-Dichloropropene	ND		5460	5420		ug/Kg	☼	99	19 - 130	1	40
Trichlorofluoromethane	ND		5460	4950		ug/Kg	☼	91	36 - 161	3	40
Vinyl chloride	ND		5460	4880		ug/Kg	☼	89	32 - 163	6	38
Xylenes, Total	ND		10900	10200		ug/Kg	☼	94	17 - 138	2	40
m-Xylene & p-Xylene	ND		5460	5060		ug/Kg	☼	93	10 - 141	4	40
o-Xylene	ND		5460	5160		ug/Kg	☼	95	18 - 139	1	40

Surrogate	*MSD %Recovery*	*MSD Qualifier*	*Limits*
Toluene-d8 (Surr)	*101*		*56 - 125*
Dibromofluoromethane (Surr)	*98*		*41 - 138*
4-Bromofluorobenzene (Surr)	*100*		*41 - 143*
1,2-Dichloroethane-d4 (Surr)	*94*		*58 - 125*

Lab Sample ID: MB 240-632801/7
Matrix: Water
Analysis Batch: 632801

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		1.0	0.48	ug/L			10/28/24 23:26	1
1,1,2,2-Tetrachloroethane	ND		1.0	0.60	ug/L			10/28/24 23:26	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		1.0	0.41	ug/L			10/28/24 23:26	1
1,1,2-Trichloroethane	ND		1.0	0.48	ug/L			10/28/24 23:26	1
1,1-Dichloroethane	ND		1.0	0.47	ug/L			10/28/24 23:26	1
1,1-Dichloroethene	ND		1.0	0.49	ug/L			10/28/24 23:26	1
1,2,4-Trichlorobenzene	ND		1.0	0.77	ug/L			10/28/24 23:26	1
1,2-Dibromo-3-Chloropropane	ND		2.0	0.91	ug/L			10/28/24 23:26	1
Ethylene Dibromide	ND		1.0	0.41	ug/L			10/28/24 23:26	1
1,2-Dichlorobenzene	ND		1.0	0.48	ug/L			10/28/24 23:26	1
1,2-Dichloroethane	ND		1.0	0.46	ug/L			10/28/24 23:26	1
1,2-Dichloropropane	ND		1.0	0.47	ug/L			10/28/24 23:26	1
1,3-Dichlorobenzene	ND		1.0	0.45	ug/L			10/28/24 23:26	1
1,4-Dichlorobenzene	ND		1.0	0.41	ug/L			10/28/24 23:26	1
2-Butanone (MEK)	ND		10	1.2	ug/L			10/28/24 23:26	1
2-Hexanone	ND		10	1.1	ug/L			10/28/24 23:26	1
4-Methyl-2-pentanone (MIBK)	ND		10	0.99	ug/L			10/28/24 23:26	1
Acetone	ND		10	5.4	ug/L			10/28/24 23:26	1
Benzene	ND		1.0	0.42	ug/L			10/28/24 23:26	1
Dichlorobromomethane	ND		1.0	0.38	ug/L			10/28/24 23:26	1
Bromoform	ND		1.0	0.76	ug/L			10/28/24 23:26	1
Bromomethane	ND		1.0	0.42	ug/L			10/28/24 23:26	1

Method: 8260D - Volatile Organic Compounds by GC/MS (Continued)

Lab Sample ID: MB 240-632801/7
Matrix: Water
Analysis Batch: 632801

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Carbon disulfide	ND		1.0	0.59	ug/L			10/28/24 23:26	1
Carbon tetrachloride	ND		1.0	0.26	ug/L			10/28/24 23:26	1
Chlorobenzene	ND		1.0	0.38	ug/L			10/28/24 23:26	1
Chloroethane	ND		1.0	0.83	ug/L			10/28/24 23:26	1
Chloroform	ND		1.0	0.47	ug/L			10/28/24 23:26	1
Chloromethane	ND		1.0	0.63	ug/L			10/28/24 23:26	1
cis-1,2-Dichloroethene	ND		1.0	0.46	ug/L			10/28/24 23:26	1
cis-1,3-Dichloropropene	ND		1.0	0.61	ug/L			10/28/24 23:26	1
Cyclohexane	ND		1.0	0.48	ug/L			10/28/24 23:26	1
Chlorodibromomethane	ND		1.0	0.39	ug/L			10/28/24 23:26	1
Dichlorodifluoromethane	ND		1.0	0.35	ug/L			10/28/24 23:26	1
Ethylbenzene	ND		1.0	0.42	ug/L			10/28/24 23:26	1
Isopropylbenzene	ND		1.0	0.49	ug/L			10/28/24 23:26	1
Methyl acetate	ND		10	1.7	ug/L			10/28/24 23:26	1
Methyl tert-butyl ether	ND		1.0	0.47	ug/L			10/28/24 23:26	1
Methylcyclohexane	ND		1.0	0.33	ug/L			10/28/24 23:26	1
Methylene Chloride	ND		5.0	2.6	ug/L			10/28/24 23:26	1
Styrene	ND		1.0	0.45	ug/L			10/28/24 23:26	1
Tetrachloroethene	ND		1.0	0.44	ug/L			10/28/24 23:26	1
Toluene	ND		1.0	0.44	ug/L			10/28/24 23:26	1
trans-1,2-Dichloroethene	ND		1.0	0.51	ug/L			10/28/24 23:26	1
trans-1,3-Dichloropropene	ND		1.0	0.67	ug/L			10/28/24 23:26	1
Trichloroethene	ND		1.0	0.44	ug/L			10/28/24 23:26	1
Trichlorofluoromethane	ND		1.0	0.45	ug/L			10/28/24 23:26	1
Vinyl chloride	ND		1.0	0.45	ug/L			10/28/24 23:26	1
Xylenes, Total	ND		2.0	0.42	ug/L			10/28/24 23:26	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Toluene-d8 (Surr)	*87*		*78 - 122*		*10/28/24 23:26*	*1*
Dibromofluoromethane (Surr)	*98*		*73 - 120*		*10/28/24 23:26*	*1*
4-Bromofluorobenzene (Surr)	*79*		*56 - 136*		*10/28/24 23:26*	*1*
1,2-Dichloroethane-d4 (Surr)	*97*		*62 - 137*		*10/28/24 23:26*	*1*

Lab Sample ID: LCS 240-632801/4
Matrix: Water
Analysis Batch: 632801

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
1,1,1-Trichloroethane	25.0	23.8		ug/L		95	64 - 131
1,1,2,2-Tetrachloroethane	25.0	20.4		ug/L		81	58 - 157
1,1,2-Trichloro-1,2,2-trifluoroetha ne	25.0	28.7		ug/L		115	51 - 146
1,1,2-Trichloroethane	25.0	23.7		ug/L		95	70 - 138
1,1-Dichloroethane	25.0	24.8		ug/L		99	72 - 127
1,1-Dichloroethene	25.0	24.9		ug/L		100	63 - 134
1,2,4-Trichlorobenzene	25.0	20.6		ug/L		82	44 - 147
1,2-Dibromo-3-Chloropropane	25.0	17.0		ug/L		68	53 - 135
Ethylene Dibromide	25.0	23.7		ug/L		95	71 - 134
1,2-Dichlorobenzene	25.0	23.4		ug/L		94	78 - 120

Method: 8260D - Volatile Organic Compounds by GC/MS (Continued)

Lab Sample ID: LCS 240-632801/4
Matrix: Water
Analysis Batch: 632801

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
1,2-Dichloroethane	25.0	22.9		ug/L		92	66 - 128
1,2-Dichloropropane	25.0	22.2		ug/L		89	75 - 133
1,3-Dichlorobenzene	25.0	22.8		ug/L		91	80 - 120
1,4-Dichlorobenzene	25.0	23.5		ug/L		94	80 - 120
2-Butanone (MEK)	50.0	30.8		ug/L		62	54 - 156
2-Hexanone	50.0	33.7		ug/L		67	43 - 167
4-Methyl-2-pentanone (MIBK)	50.0	35.0		ug/L		70	46 - 158
Acetone	50.0	41.1		ug/L		82	50 - 149
Benzene	25.0	24.6		ug/L		98	77 - 123
Dichlorobromomethane	25.0	22.6		ug/L		90	69 - 126
Bromoform	25.0	23.2		ug/L		93	57 - 129
Bromomethane	12.5	14.5		ug/L		116	36 - 142
Carbon disulfide	25.0	23.7		ug/L		95	43 - 140
Carbon tetrachloride	25.0	23.8		ug/L		95	55 - 137
Chlorobenzene	25.0	25.0		ug/L		100	80 - 121
Chloroethane	12.5	13.7		ug/L		110	38 - 152
Chloroform	25.0	23.8		ug/L		95	74 - 122
Chloromethane	12.5	9.35		ug/L		75	47 - 143
cis-1,2-Dichloroethene	25.0	24.3		ug/L		97	77 - 123
cis-1,3-Dichloropropene	25.0	20.2		ug/L		81	64 - 130
Cyclohexane	25.0	21.0		ug/L		84	58 - 146
Chlorodibromomethane	25.0	22.2		ug/L		89	70 - 124
Dichlorodifluoromethane	12.5	8.17		ug/L		65	34 - 153
Ethylbenzene	25.0	23.7		ug/L		95	80 - 121
Isopropylbenzene	25.0	25.8		ug/L		103	74 - 128
Methyl acetate	50.0	33.3		ug/L		67	42 - 169
Methyl tert-butyl ether	25.0	24.7		ug/L		99	65 - 126
Methylcyclohexane	25.0	20.5		ug/L		82	62 - 136
Methylene Chloride	25.0	27.0		ug/L		108	71 - 125
Styrene	25.0	24.5		ug/L		98	80 - 135
Tetrachloroethene	25.0	25.9		ug/L		104	76 - 123
Toluene	25.0	22.6		ug/L		90	80 - 123
trans-1,2-Dichloroethene	25.0	25.0		ug/L		100	75 - 124
trans-1,3-Dichloropropene	25.0	21.7		ug/L		87	57 - 129
Trichloroethene	25.0	24.0		ug/L		96	70 - 122
Trichlorofluoromethane	12.5	14.7		ug/L		117	30 - 170
Vinyl chloride	12.5	10.5		ug/L		84	60 - 144
Xylenes, Total	50.0	47.0		ug/L		94	80 - 121
m-Xylene & p-Xylene	25.0	23.7		ug/L		95	80 - 120
o-Xylene	25.0	23.3		ug/L		93	80 - 123

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
Toluene-d8 (Surr)	*101*		*78 - 122*
Dibromofluoromethane (Surr)	*101*		*73 - 120*
4-Bromofluorobenzene (Surr)	*97*		*56 - 136*
1,2-Dichloroethane-d4 (Surr)	*98*		*62 - 137*

Method: 8270E - Semivolatile Organic Compounds (GC/MS)

Lab Sample ID: MB 240-631619/1-A
Matrix: Solid
Analysis Batch: 631782

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 631619

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1'-Biphenyl	ND		100	28	ug/Kg		10/21/24 08:49	10/22/24 08:52	1
bis (2-chloroisopropyl) ether	ND		100	26	ug/Kg		10/21/24 08:49	10/22/24 08:52	1
2,4,5-Trichlorophenol	ND		150	33	ug/Kg		10/21/24 08:49	10/22/24 08:52	1
2,4,6-Trichlorophenol	ND		150	29	ug/Kg		10/21/24 08:49	10/22/24 08:52	1
2,4-Dichlorophenol	ND		150	27	ug/Kg		10/21/24 08:49	10/22/24 08:52	1
2,4-Dimethylphenol	ND		150	36	ug/Kg		10/21/24 08:49	10/22/24 08:52	1
2,4-Dinitrophenol	ND		330	170	ug/Kg		10/21/24 08:49	10/22/24 08:52	1
2,4-Dinitrotoluene	ND		200	23	ug/Kg		10/21/24 08:49	10/22/24 08:52	1
2,6-Dinitrotoluene	ND		200	36	ug/Kg		10/21/24 08:49	10/22/24 08:52	1
2-Chloronaphthalene	ND		100	28	ug/Kg		10/21/24 08:49	10/22/24 08:52	1
2-Chlorophenol	ND		100	26	ug/Kg		10/21/24 08:49	10/22/24 08:52	1
2-Methylnaphthalene	ND		40	13	ug/Kg		10/21/24 08:49	10/22/24 08:52	1
2-Methylphenol	ND		200	41	ug/Kg		10/21/24 08:49	10/22/24 08:52	1
2-Nitroaniline	ND		200	38	ug/Kg		10/21/24 08:49	10/22/24 08:52	1
2-Nitrophenol	ND		100	35	ug/Kg		10/21/24 08:49	10/22/24 08:52	1
3,3'-Dichlorobenzidine	ND		150	95	ug/Kg		10/21/24 08:49	10/22/24 08:52	1
3-Nitroaniline	ND		200	35	ug/Kg		10/21/24 08:49	10/22/24 08:52	1
4,6-Dinitro-2-methylphenol	ND		330	100	ug/Kg		10/21/24 08:49	10/22/24 08:52	1
4-Bromophenyl phenyl ether	ND		100	32	ug/Kg		10/21/24 08:49	10/22/24 08:52	1
4-Chloro-3-methylphenol	ND		150	38	ug/Kg		10/21/24 08:49	10/22/24 08:52	1
4-Chloroaniline	ND		150	16	ug/Kg		10/21/24 08:49	10/22/24 08:52	1
4-Chlorophenyl phenyl ether	ND		100	28	ug/Kg		10/21/24 08:49	10/22/24 08:52	1
4-Nitroaniline	ND		200	26	ug/Kg		10/21/24 08:49	10/22/24 08:52	1
4-Nitrophenol	ND		330	90	ug/Kg		10/21/24 08:49	10/22/24 08:52	1
Acenaphthene	ND		40	14	ug/Kg		10/21/24 08:49	10/22/24 08:52	1
Acenaphthylene	ND		40	15	ug/Kg		10/21/24 08:49	10/22/24 08:52	1
Acetophenone	ND		100	25	ug/Kg		10/21/24 08:49	10/22/24 08:52	1
Anthracene	ND		40	12	ug/Kg		10/21/24 08:49	10/22/24 08:52	1
Atrazine	ND		330	69	ug/Kg		10/21/24 08:49	10/22/24 08:52	1
Benzaldehyde	ND		330	56	ug/Kg		10/21/24 08:49	10/22/24 08:52	1
Benzo[a]anthracene	ND		40	15	ug/Kg		10/21/24 08:49	10/22/24 08:52	1
Benzo[a]pyrene	ND		40	14	ug/Kg		10/21/24 08:49	10/22/24 08:52	1
Benzo[b]fluoranthene	ND		40	12	ug/Kg		10/21/24 08:49	10/22/24 08:52	1
Benzo[g,h,i]perylene	ND		40	27	ug/Kg		10/21/24 08:49	10/22/24 08:52	1
Benzo[k]fluoranthene	ND		40	10	ug/Kg		10/21/24 08:49	10/22/24 08:52	1
Bis(2-chloroethoxy)methane	ND		100	20	ug/Kg		10/21/24 08:49	10/22/24 08:52	1
Bis(2-chloroethyl)ether	ND		100	22	ug/Kg		10/21/24 08:49	10/22/24 08:52	1
Bis(2-ethylhexyl) phthalate	ND		150	56	ug/Kg		10/21/24 08:49	10/22/24 08:52	1
Butyl benzyl phthalate	ND		150	51	ug/Kg		10/21/24 08:49	10/22/24 08:52	1
Caprolactam	ND		330	69	ug/Kg		10/21/24 08:49	10/22/24 08:52	1
Carbazole	ND		100	27	ug/Kg		10/21/24 08:49	10/22/24 08:52	1
Chrysene	ND		40	14	ug/Kg		10/21/24 08:49	10/22/24 08:52	1
Dibenz(a,h)anthracene	ND		40	15	ug/Kg		10/21/24 08:49	10/22/24 08:52	1
Dibenzofuran	ND		100	29	ug/Kg		10/21/24 08:49	10/22/24 08:52	1
Diethyl phthalate	ND		150	43	ug/Kg		10/21/24 08:49	10/22/24 08:52	1
Dimethyl phthalate	ND		150	40	ug/Kg		10/21/24 08:49	10/22/24 08:52	1
Di-n-butyl phthalate	ND		150	51	ug/Kg		10/21/24 08:49	10/22/24 08:52	1
Di-n-octyl phthalate	ND		150	50	ug/Kg		10/21/24 08:49	10/22/24 08:52	1

Method: 8270E - Semivolatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: MB 240-631619/1-A
Matrix: Solid
Analysis Batch: 631782

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 631619

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Fluoranthene	ND		40	14	ug/Kg		10/21/24 08:49	10/22/24 08:52	1
Fluorene	ND		40	14	ug/Kg		10/21/24 08:49	10/22/24 08:52	1
Hexachlorobenzene	ND		40	14	ug/Kg		10/21/24 08:49	10/22/24 08:52	1
Hexachlorobutadiene	ND		100	21	ug/Kg		10/21/24 08:49	10/22/24 08:52	1
Hexachlorocyclopentadiene	ND		330	39	ug/Kg		10/21/24 08:49	10/22/24 08:52	1
Hexachloroethane	ND		100	32	ug/Kg		10/21/24 08:49	10/22/24 08:52	1
Indeno[1,2,3-cd]pyrene	ND		40	12	ug/Kg		10/21/24 08:49	10/22/24 08:52	1
Isophorone	ND		100	26	ug/Kg		10/21/24 08:49	10/22/24 08:52	1
N-Nitrosodi-n-propylamine	ND		100	37	ug/Kg		10/21/24 08:49	10/22/24 08:52	1
N-Nitrosodiphenylamine	ND		100	27	ug/Kg		10/21/24 08:49	10/22/24 08:52	1
Naphthalene	ND		40	13	ug/Kg		10/21/24 08:49	10/22/24 08:52	1
Nitrobenzene	ND		100	22	ug/Kg		10/21/24 08:49	10/22/24 08:52	1
Pentachlorophenol	ND		270	110	ug/Kg		10/21/24 08:49	10/22/24 08:52	1
Phenanthrene	ND		40	13	ug/Kg		10/21/24 08:49	10/22/24 08:52	1
Phenol	ND		100	38	ug/Kg		10/21/24 08:49	10/22/24 08:52	1
Pyrene	ND		40	16	ug/Kg		10/21/24 08:49	10/22/24 08:52	1
3 & 4 Methylphenol	ND		400	41	ug/Kg		10/21/24 08:49	10/22/24 08:52	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Terphenyl-d14 (Surr)	*61*		*37 - 120*	*10/21/24 08:49*	*10/22/24 08:52*	*1*
Phenol-d5 (Surr)	*62*		*29 - 120*	*10/21/24 08:49*	*10/22/24 08:52*	*1*
Nitrobenzene-d5 (Surr)	*53*		*28 - 120*	*10/21/24 08:49*	*10/22/24 08:52*	*1*
2-Fluorophenol (Surr)	*62*		*26 - 120*	*10/21/24 08:49*	*10/22/24 08:52*	*1*
2-Fluorobiphenyl (Surr)	*57*		*36 - 120*	*10/21/24 08:49*	*10/22/24 08:52*	*1*
2,4,6-Tribromophenol (Surr)	*49*		*10 - 120*	*10/21/24 08:49*	*10/22/24 08:52*	*1*

Lab Sample ID: LCS 240-631619/2-A
Matrix: Solid
Analysis Batch: 631782

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 631619

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
1,1'-Biphenyl	1330	953		ug/Kg		72	54 - 120
bis (2-chloroisopropyl) ether	1330	879		ug/Kg		66	42 - 120
2,4,5-Trichlorophenol	1330	953		ug/Kg		71	53 - 120
2,4,6-Trichlorophenol	1330	987		ug/Kg		74	53 - 120
2,4-Dichlorophenol	1330	944		ug/Kg		71	55 - 120
2,4-Dimethylphenol	1330	642		ug/Kg		48	39 - 120
2,4-Dinitrophenol	2670	888		ug/Kg		33	10 - 120
2,4-Dinitrotoluene	1330	1160		ug/Kg		87	56 - 120
2,6-Dinitrotoluene	1330	1090		ug/Kg		81	57 - 120
2-Chloronaphthalene	1330	951		ug/Kg		71	54 - 120
2-Chlorophenol	1330	933		ug/Kg		70	54 - 120
2-Methylnaphthalene	1330	929		ug/Kg		70	56 - 120
2-Methylphenol	1330	916		ug/Kg		69	51 - 120
2-Nitroaniline	1330	1130		ug/Kg		85	53 - 120
2-Nitrophenol	1330	962		ug/Kg		72	51 - 120
3,3'-Dichlorobenzidine	2670	1340		ug/Kg		50	31 - 120
3-Nitroaniline	1330	804		ug/Kg		60	36 - 120

Method: 8270E - Semivolatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: LCS 240-631619/2-A
Matrix: Solid
Analysis Batch: 631782

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 631619

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
4,6-Dinitro-2-methylphenol	2670	1370		ug/Kg		51	10 - 120
4-Bromophenyl phenyl ether	1330	1050		ug/Kg		79	56 - 120
4-Chloro-3-methylphenol	1330	1050		ug/Kg		79	55 - 120
4-Chloroaniline	1330	526		ug/Kg		39	23 - 120
4-Chlorophenyl phenyl ether	1330	1020		ug/Kg		76	54 - 120
4-Nitroaniline	1330	935		ug/Kg		70	46 - 120
4-Nitrophenol	2670	1920		ug/Kg		72	41 - 123
Acenaphthene	1330	922		ug/Kg		69	56 - 120
Acenaphthylene	1330	998		ug/Kg		75	54 - 120
Acetophenone	1330	909		ug/Kg		68	53 - 120
Anthracene	1330	1070		ug/Kg		80	59 - 120
Atrazine	2670	2090		ug/Kg		79	56 - 136
Benzaldehyde	2670	1650		ug/Kg		62	50 - 120
Benzo[a]anthracene	1330	1100		ug/Kg		82	59 - 120
Benzo[a]pyrene	1330	1100		ug/Kg		82	54 - 120
Benzo[b]fluoranthene	1330	1100		ug/Kg		83	58 - 120
Benzo[g,h,i]perylene	1330	1080		ug/Kg		81	56 - 120
Benzo[k]fluoranthene	1330	1060		ug/Kg		79	59 - 120
Bis(2-chloroethoxy)methane	1330	927		ug/Kg		70	53 - 120
Bis(2-chloroethyl)ether	1330	830		ug/Kg		62	45 - 120
Bis(2-ethylhexyl) phthalate	1330	1090		ug/Kg		81	52 - 120
Butyl benzyl phthalate	1330	1080		ug/Kg		81	54 - 120
Caprolactam	2670	2080		ug/Kg		78	55 - 120
Carbazole	1330	1060		ug/Kg		80	61 - 120
Chrysene	1330	1030		ug/Kg		78	58 - 120
Dibenz(a,h)anthracene	1330	1120		ug/Kg		84	54 - 120
Dibenzofuran	1330	964		ug/Kg		72	54 - 120
Diethyl phthalate	1330	1080		ug/Kg		81	58 - 120
Dimethyl phthalate	1330	1060		ug/Kg		80	58 - 120
Di-n-butyl phthalate	1330	1060		ug/Kg		79	54 - 124
Di-n-octyl phthalate	1330	1050		ug/Kg		79	53 - 120
Fluoranthene	1330	1110		ug/Kg		84	59 - 120
Fluorene	1330	1010		ug/Kg		76	56 - 120
Hexachlorobenzene	1330	1020		ug/Kg		76	51 - 120
Hexachlorobutadiene	1330	854		ug/Kg		64	46 - 120
Hexachlorocyclopentadiene	1330	275	J	ug/Kg		21	12 - 120
Hexachloroethane	1330	870		ug/Kg		65	49 - 120
Indeno[1,2,3-cd]pyrene	1330	1110		ug/Kg		83	53 - 120
Isophorone	1330	968		ug/Kg		73	52 - 120
N-Nitrosodi-n-propylamine	1330	917		ug/Kg		69	52 - 120
N-Nitrosodiphenylamine	1330	1050		ug/Kg		79	58 - 120
Naphthalene	1330	879		ug/Kg		66	54 - 120
Nitrobenzene	1330	906		ug/Kg		68	52 - 120
Pentachlorophenol	2670	1430		ug/Kg		53	31 - 120
Phenanthrene	1330	1010		ug/Kg		76	57 - 120
Phenol	1330	952		ug/Kg		71	48 - 120
Pyrene	1330	1090		ug/Kg		82	59 - 120
3 & 4 Methylphenol	1330	923		ug/Kg		69	51 - 120

Method: 8270E - Semivolatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: LCS 240-631619/2-A
Matrix: Solid
Analysis Batch: 631782

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 631619

Surrogate	LCS %Recovery	LCS Qualifier	Limits
Terphenyl-d14 (Surr)	*69*		*37 - 120*
Phenol-d5 (Surr)	*66*		*29 - 120*
Nitrobenzene-d5 (Surr)	*65*		*28 - 120*
2-Fluorophenol (Surr)	*66*		*26 - 120*
2-Fluorobiphenyl (Surr)	*65*		*36 - 120*
2,4,6-Tribromophenol (Surr)	*75*		*10 - 120*

Method: 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Lab Sample ID: MB 240-631847/1-A
Matrix: Solid
Analysis Batch: 631984

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 631847

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aroclor-1016	ND		50	25	ug/Kg		10/22/24 09:44	10/23/24 14:30	1
Aroclor-1221	ND		50	30	ug/Kg		10/22/24 09:44	10/23/24 14:30	1
Aroclor-1232	ND		50	21	ug/Kg		10/22/24 09:44	10/23/24 14:30	1
Aroclor-1242	ND		50	19	ug/Kg		10/22/24 09:44	10/23/24 14:30	1
Aroclor-1248	ND		50	17	ug/Kg		10/22/24 09:44	10/23/24 14:30	1
Aroclor-1254	ND		50	21	ug/Kg		10/22/24 09:44	10/23/24 14:30	1
Aroclor-1260	ND		50	21	ug/Kg		10/22/24 09:44	10/23/24 14:30	1
Aroclor-1262	ND		50	22	ug/Kg		10/22/24 09:44	10/23/24 14:30	1
Aroclor-1268	ND		50	16	ug/Kg		10/22/24 09:44	10/23/24 14:30	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
Tetrachloro-m-xylene	*55*		*10 - 149*	*10/22/24 09:44*	*10/23/24 14:30*	*1*
DCB Decachlorobiphenyl	*57*		*10 - 174*	*10/22/24 09:44*	*10/23/24 14:30*	*1*

Lab Sample ID: LCS 240-631847/2-A
Matrix: Solid
Analysis Batch: 631984

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 631847

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
Aroclor-1016			1000	536		ug/Kg		54	28 - 140		
Aroclor-1260			1000	664		ug/Kg		66	39 - 153		

Surrogate	LCS %Recovery	LCS Qualifier	Limits
Tetrachloro-m-xylene	*60*		*10 - 149*
DCB Decachlorobiphenyl	*71*		*10 - 174*

Method: 6010D - Metals (ICP)

Lab Sample ID: MB 240-631719/1-A
Matrix: Solid
Analysis Batch: 631995

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 631719

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	ND		1.5	0.32	mg/Kg		10/21/24 15:00	10/22/24 22:28	1

Method: 6010D - Metals (ICP) (Continued)

Lab Sample ID: MB 240-631719/1-A
Matrix: Solid
Analysis Batch: 631995

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 631719

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Barium	ND		20	0.13	mg/Kg		10/21/24 15:00	10/22/24 22:28	1
Cadmium	ND		0.50	0.048	mg/Kg		10/21/24 15:00	10/22/24 22:28	1
Chromium	ND		1.0	0.34	mg/Kg		10/21/24 15:00	10/22/24 22:28	1
Copper	ND		2.5	0.70	mg/Kg		10/21/24 15:00	10/22/24 22:28	1
Lead	ND		1.0	0.28	mg/Kg		10/21/24 15:00	10/22/24 22:28	1
Selenium	ND		2.0	0.47	mg/Kg		10/21/24 15:00	10/22/24 22:28	1
Silver	ND		1.0	0.081	mg/Kg		10/21/24 15:00	10/22/24 22:28	1
Zinc	ND		5.0	3.6	mg/Kg		10/21/24 15:00	10/22/24 22:28	1

Lab Sample ID: LCS 240-631719/2-A
Matrix: Solid
Analysis Batch: 631995

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 631719

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Arsenic	200	190		mg/Kg		95	80 - 120
Barium	200	185		mg/Kg		92	80 - 120
Cadmium	100	93.5		mg/Kg		94	80 - 120
Chromium	100	93.1		mg/Kg		93	80 - 120
Copper	100	88.5		mg/Kg		88	80 - 120
Lead	100	85.8		mg/Kg		86	80 - 120
Selenium	200	186		mg/Kg		93	80 - 120
Silver	10.0	8.66		mg/Kg		87	80 - 120
Zinc	100	92.8		mg/Kg		93	80 - 120

Method: 7471B - Mercury (CVAA)

Lab Sample ID: MB 240-631721/1-A
Matrix: Solid
Analysis Batch: 631905

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 631721

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	ND		0.10	0.018	mg/Kg		10/21/24 15:00	10/22/24 11:09	1

Lab Sample ID: LCS 240-631721/2-A
Matrix: Solid
Analysis Batch: 631905

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 631721

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Mercury	0.833	0.883		mg/Kg		106	80 - 120

Method: 7196A - Chromium, Hexavalent

Lab Sample ID: MB 410-568503/1-A
Matrix: Solid
Analysis Batch: 569237

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 568503

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cr (VI)	ND		0.42	0.14	mg/Kg		10/28/24 10:33	10/29/24 20:02	1

Method: 7196A - Chromium, Hexavalent (Continued)

Lab Sample ID: LCS 410-568503/2-A
Matrix: Solid
Analysis Batch: 569237

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 568503

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Cr (VI)	5.00	4.82		mg/Kg		96	80 - 120

Lab Sample ID: LCSI 410-568503/3-A
Matrix: Solid
Analysis Batch: 569237

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 568503

Analyte	Spike Added	LCSI Result	LCSI Qualifier	Unit	D	%Rec	%Rec Limits
Cr (VI)	753	730		mg/Kg		97	80 - 120

Method: 9012B - Cyanide, Total andor Amenable

Lab Sample ID: MB 240-632928/1-A
Matrix: Solid
Analysis Batch: 632983

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 632928

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cyanide, Total	ND		0.52	0.41	mg/Kg		10/29/24 09:44	10/29/24 11:46	1

Lab Sample ID: LCS 240-632928/2-A
Matrix: Solid
Analysis Batch: 632983

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 632928

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Cyanide, Total	8.53	8.56		mg/Kg		100	65 - 128

Lab Sample ID: 240-213295-7 MS
Matrix: Solid
Analysis Batch: 632983

Client Sample ID: SB-9-30.0-32.0
Prep Type: Total/NA
Prep Batch: 632928

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Cyanide, Total	ND		1.03	1.15		mg/Kg	☼	111	24 - 140

Lab Sample ID: 240-213295-7 MSD
Matrix: Solid
Analysis Batch: 632983

Client Sample ID: SB-9-30.0-32.0
Prep Type: Total/NA
Prep Batch: 632928

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Cyanide, Total	ND		1.03	1.22		mg/Kg	☼	118	24 - 140	6	40

Lab Sample ID: MRL 240-632983/10
Matrix: Solid
Analysis Batch: 632983

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	MRL Result	MRL Qualifier	Unit	D	%Rec	%Rec Limits
Cyanide, Total	0.0100	0.0124		mg/L		124	70 - 130

Method: OIA-1677 - Cyanide, Free (Flow Injection)

Lab Sample ID: MB 410-569681/49
Matrix: Solid
Analysis Batch: 569681

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cyanide, Free	ND		0.0060	0.0050	mg/L			10/30/24 14:19	1

Lab Sample ID: MB 410-569681/67
Matrix: Solid
Analysis Batch: 569681

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cyanide, Free	ND		0.0060	0.0050	mg/L			10/30/24 15:04	1

Lab Sample ID: LCS 410-569681/66
Matrix: Solid
Analysis Batch: 569681

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Cyanide, Free	0.0500	0.0438		mg/L		88	82 - 132

Lab Sample ID: MB 410-570146/17
Matrix: Solid
Analysis Batch: 570146

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cyanide, Free	ND		0.0060	0.0050	mg/L			10/31/24 14:26	1

Lab Sample ID: MB 410-570146/33
Matrix: Solid
Analysis Batch: 570146

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cyanide, Free	ND		0.0060	0.0050	mg/L			10/31/24 15:06	1

Lab Sample ID: LCS 410-570146/32
Matrix: Solid
Analysis Batch: 570146

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Cyanide, Free	0.0500	0.0483		mg/L		97	82 - 132

GC/MS VOA

Analysis Batch: 632002

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
240-213295-1	SB-22-4.0-6.0	Total/NA	Solid	8260D	632082
240-213295-2	SB-22-12.0-14.0	Total/NA	Solid	8260D	632082
240-213295-3	SB-22-18.0-20.0	Total/NA	Solid	8260D	632082
240-213295-4	SB-11-22.0-24.0	Total/NA	Solid	8260D	632082
240-213295-5	SB-11-20.0-22.0	Total/NA	Solid	8260D	632082
240-213295-7	SB-9-30.0-32.0	Total/NA	Solid	8260D	632082
MB 240-632002/7	Method Blank	Total/NA	Solid	8260D	
LCS 240-632002/5	Lab Control Sample	Total/NA	Solid	8260D	

Prep Batch: 632082

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
240-213295-1	SB-22-4.0-6.0	Total/NA	Solid	5030C	
240-213295-2	SB-22-12.0-14.0	Total/NA	Solid	5030C	
240-213295-3	SB-22-18.0-20.0	Total/NA	Solid	5030C	
240-213295-4	SB-11-22.0-24.0	Total/NA	Solid	5030C	
240-213295-5	SB-11-20.0-22.0	Total/NA	Solid	5030C	
240-213295-7	SB-9-30.0-32.0	Total/NA	Solid	5030C	

Prep Batch: 632329

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
240-213295-6	SB-9-22.0-24.0	Total/NA	Solid	5030C	
MB 240-632329/1-A	Method Blank	Total/NA	Solid	5030C	
LCS 240-632329/2-A	Lab Control Sample	Total/NA	Solid	5030C	
240-213295-6 MS	SB-9-22.0-24.0	Total/NA	Solid	5030C	
240-213295-6 MSD	SB-9-22.0-24.0	Total/NA	Solid	5030C	

Analysis Batch: 632400

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
MB 240-632329/1-A	Method Blank	Total/NA	Solid	8260D	632329
LCS 240-632329/2-A	Lab Control Sample	Total/NA	Solid	8260D	632329

Analysis Batch: 632801

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
240-213295-8	TB-8-20241017	Total/NA	Water	8260D	
MB 240-632801/7	Method Blank	Total/NA	Water	8260D	
LCS 240-632801/4	Lab Control Sample	Total/NA	Water	8260D	

Analysis Batch: 633042

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
240-213295-6	SB-9-22.0-24.0	Total/NA	Solid	8260D	632329
240-213295-6	SB-9-22.0-24.0	Total/NA	Solid	8260D	632329
240-213295-6 MS	SB-9-22.0-24.0	Total/NA	Solid	8260D	632329
240-213295-6 MSD	SB-9-22.0-24.0	Total/NA	Solid	8260D	632329

GC/MS Semi VOA

Prep Batch: 631619

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
240-213295-1	SB-22-4.0-6.0	Total/NA	Solid	3546	
240-213295-2	SB-22-12.0-14.0	Total/NA	Solid	3546	
240-213295-3	SB-22-18.0-20.0	Total/NA	Solid	3546	

GC/MS Semi VOA (Continued)

Prep Batch: 631619 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
240-213295-4	SB-11-22.0-24.0	Total/NA	Solid	3546	
240-213295-5	SB-11-20.0-22.0	Total/NA	Solid	3546	
240-213295-6	SB-9-22.0-24.0	Total/NA	Solid	3546	
240-213295-7	SB-9-30.0-32.0	Total/NA	Solid	3546	
MB 240-631619/1-A	Method Blank	Total/NA	Solid	3546	
LCS 240-631619/2-A	Lab Control Sample	Total/NA	Solid	3546	

Analysis Batch: 631782

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
240-213295-1	SB-22-4.0-6.0	Total/NA	Solid	8270E	631619
240-213295-2	SB-22-12.0-14.0	Total/NA	Solid	8270E	631619
240-213295-3	SB-22-18.0-20.0	Total/NA	Solid	8270E	631619
240-213295-4	SB-11-22.0-24.0	Total/NA	Solid	8270E	631619
240-213295-5	SB-11-20.0-22.0	Total/NA	Solid	8270E	631619
240-213295-6	SB-9-22.0-24.0	Total/NA	Solid	8270E	631619
240-213295-7	SB-9-30.0-32.0	Total/NA	Solid	8270E	631619
MB 240-631619/1-A	Method Blank	Total/NA	Solid	8270E	631619
LCS 240-631619/2-A	Lab Control Sample	Total/NA	Solid	8270E	631619

GC Semi VOA

Prep Batch: 631847

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
240-213295-1	SB-22-4.0-6.0	Total/NA	Solid	3546	
240-213295-2	SB-22-12.0-14.0	Total/NA	Solid	3546	
240-213295-3	SB-22-18.0-20.0	Total/NA	Solid	3546	
240-213295-4	SB-11-22.0-24.0	Total/NA	Solid	3546	
240-213295-5	SB-11-20.0-22.0	Total/NA	Solid	3546	
240-213295-6	SB-9-22.0-24.0	Total/NA	Solid	3546	
240-213295-7	SB-9-30.0-32.0	Total/NA	Solid	3546	
MB 240-631847/1-A	Method Blank	Total/NA	Solid	3546	
LCS 240-631847/2-A	Lab Control Sample	Total/NA	Solid	3546	

Analysis Batch: 631984

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
240-213295-1	SB-22-4.0-6.0	Total/NA	Solid	8082A	631847
240-213295-2	SB-22-12.0-14.0	Total/NA	Solid	8082A	631847
240-213295-3	SB-22-18.0-20.0	Total/NA	Solid	8082A	631847
240-213295-4	SB-11-22.0-24.0	Total/NA	Solid	8082A	631847
240-213295-5	SB-11-20.0-22.0	Total/NA	Solid	8082A	631847
240-213295-6	SB-9-22.0-24.0	Total/NA	Solid	8082A	631847
240-213295-7	SB-9-30.0-32.0	Total/NA	Solid	8082A	631847
MB 240-631847/1-A	Method Blank	Total/NA	Solid	8082A	631847
LCS 240-631847/2-A	Lab Control Sample	Total/NA	Solid	8082A	631847

Metals

Prep Batch: 631719

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
240-213295-1	SB-22-4.0-6.0	Total/NA	Solid	3050B	
240-213295-2	SB-22-12.0-14.0	Total/NA	Solid	3050B	
240-213295-3	SB-22-18.0-20.0	Total/NA	Solid	3050B	

Metals (Continued)

Prep Batch: 631719 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
240-213295-4	SB-11-22.0-24.0	Total/NA	Solid	3050B	
240-213295-5	SB-11-20.0-22.0	Total/NA	Solid	3050B	
240-213295-6	SB-9-22.0-24.0	Total/NA	Solid	3050B	
240-213295-7	SB-9-30.0-32.0	Total/NA	Solid	3050B	
MB 240-631719/1-A	Method Blank	Total/NA	Solid	3050B	
LCS 240-631719/2-A	Lab Control Sample	Total/NA	Solid	3050B	

Prep Batch: 631721

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
240-213295-1	SB-22-4.0-6.0	Total/NA	Solid	7471B	
240-213295-2	SB-22-12.0-14.0	Total/NA	Solid	7471B	
240-213295-3	SB-22-18.0-20.0	Total/NA	Solid	7471B	
240-213295-4	SB-11-22.0-24.0	Total/NA	Solid	7471B	
240-213295-5	SB-11-20.0-22.0	Total/NA	Solid	7471B	
240-213295-6	SB-9-22.0-24.0	Total/NA	Solid	7471B	
240-213295-7	SB-9-30.0-32.0	Total/NA	Solid	7471B	
MB 240-631721/1-A	Method Blank	Total/NA	Solid	7471B	
LCS 240-631721/2-A	Lab Control Sample	Total/NA	Solid	7471B	

Analysis Batch: 631905

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
240-213295-1	SB-22-4.0-6.0	Total/NA	Solid	7471B	631721
240-213295-2	SB-22-12.0-14.0	Total/NA	Solid	7471B	631721
240-213295-3	SB-22-18.0-20.0	Total/NA	Solid	7471B	631721
240-213295-4	SB-11-22.0-24.0	Total/NA	Solid	7471B	631721
240-213295-5	SB-11-20.0-22.0	Total/NA	Solid	7471B	631721
240-213295-6	SB-9-22.0-24.0	Total/NA	Solid	7471B	631721
240-213295-7	SB-9-30.0-32.0	Total/NA	Solid	7471B	631721
MB 240-631721/1-A	Method Blank	Total/NA	Solid	7471B	631721
LCS 240-631721/2-A	Lab Control Sample	Total/NA	Solid	7471B	631721

Analysis Batch: 631995

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
240-213295-1	SB-22-4.0-6.0	Total/NA	Solid	6010D	631719
240-213295-2	SB-22-12.0-14.0	Total/NA	Solid	6010D	631719
240-213295-3	SB-22-18.0-20.0	Total/NA	Solid	6010D	631719
240-213295-4	SB-11-22.0-24.0	Total/NA	Solid	6010D	631719
240-213295-5	SB-11-20.0-22.0	Total/NA	Solid	6010D	631719
240-213295-6	SB-9-22.0-24.0	Total/NA	Solid	6010D	631719
240-213295-7	SB-9-30.0-32.0	Total/NA	Solid	6010D	631719
MB 240-631719/1-A	Method Blank	Total/NA	Solid	6010D	631719
LCS 240-631719/2-A	Lab Control Sample	Total/NA	Solid	6010D	631719

General Chemistry

Leach Batch: 566731

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
240-213295-1	SB-22-4.0-6.0	ASTM Leach	Solid	D3987-85	
240-213295-2	SB-22-12.0-14.0	ASTM Leach	Solid	D3987-85	
240-213295-3	SB-22-18.0-20.0	ASTM Leach	Solid	D3987-85	
240-213295-4	SB-11-22.0-24.0	ASTM Leach	Solid	D3987-85	

General Chemistry (Continued)

Leach Batch: 566731 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
240-213295-5	SB-11-20.0-22.0	ASTM Leach	Solid	D3987-85	
240-213295-6	SB-9-22.0-24.0	ASTM Leach	Solid	D3987-85	
240-213295-7	SB-9-30.0-32.0	ASTM Leach	Solid	D3987-85	

Prep Batch: 568503

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
240-213295-1	SB-22-4.0-6.0	Total/NA	Solid	3060A	
240-213295-2	SB-22-12.0-14.0	Total/NA	Solid	3060A	
240-213295-3	SB-22-18.0-20.0	Total/NA	Solid	3060A	
240-213295-4	SB-11-22.0-24.0	Total/NA	Solid	3060A	
240-213295-5	SB-11-20.0-22.0	Total/NA	Solid	3060A	
240-213295-6	SB-9-22.0-24.0	Total/NA	Solid	3060A	
240-213295-7	SB-9-30.0-32.0	Total/NA	Solid	3060A	
MB 410-568503/1-A	Method Blank	Total/NA	Solid	3060A	
LCS 410-568503/2-A	Lab Control Sample	Total/NA	Solid	3060A	
LCSI 410-568503/3-A	Lab Control Sample	Total/NA	Solid	3060A	

Analysis Batch: 569237

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
240-213295-1	SB-22-4.0-6.0	Total/NA	Solid	7196A	568503
240-213295-2	SB-22-12.0-14.0	Total/NA	Solid	7196A	568503
240-213295-3	SB-22-18.0-20.0	Total/NA	Solid	7196A	568503
240-213295-4	SB-11-22.0-24.0	Total/NA	Solid	7196A	568503
240-213295-5	SB-11-20.0-22.0	Total/NA	Solid	7196A	568503
240-213295-6	SB-9-22.0-24.0	Total/NA	Solid	7196A	568503
240-213295-7	SB-9-30.0-32.0	Total/NA	Solid	7196A	568503
MB 410-568503/1-A	Method Blank	Total/NA	Solid	7196A	568503
LCS 410-568503/2-A	Lab Control Sample	Total/NA	Solid	7196A	568503
LCSI 410-568503/3-A	Lab Control Sample	Total/NA	Solid	7196A	568503

Analysis Batch: 569681

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
240-213295-1	SB-22-4.0-6.0	ASTM Leach	Solid	OIA-1677	566731
240-213295-2	SB-22-12.0-14.0	ASTM Leach	Solid	OIA-1677	566731
240-213295-3	SB-22-18.0-20.0	ASTM Leach	Solid	OIA-1677	566731
240-213295-4	SB-11-22.0-24.0	ASTM Leach	Solid	OIA-1677	566731
240-213295-5	SB-11-20.0-22.0	ASTM Leach	Solid	OIA-1677	566731
MB 410-569681/49	Method Blank	Total/NA	Solid	OIA-1677	
MB 410-569681/67	Method Blank	Total/NA	Solid	OIA-1677	
LCS 410-569681/66	Lab Control Sample	Total/NA	Solid	OIA-1677	

Analysis Batch: 570146

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
240-213295-6	SB-9-22.0-24.0	ASTM Leach	Solid	OIA-1677	566731
240-213295-7	SB-9-30.0-32.0	ASTM Leach	Solid	OIA-1677	566731
MB 410-570146/17	Method Blank	Total/NA	Solid	OIA-1677	
MB 410-570146/33	Method Blank	Total/NA	Solid	OIA-1677	
LCS 410-570146/32	Lab Control Sample	Total/NA	Solid	OIA-1677	

General Chemistry

Analysis Batch: 631487

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
240-213295-1	SB-22-4.0-6.0	Total/NA	Solid	Moisture	
240-213295-2	SB-22-12.0-14.0	Total/NA	Solid	Moisture	
240-213295-3	SB-22-18.0-20.0	Total/NA	Solid	Moisture	
240-213295-4	SB-11-22.0-24.0	Total/NA	Solid	Moisture	
240-213295-5	SB-11-20.0-22.0	Total/NA	Solid	Moisture	
240-213295-6	SB-9-22.0-24.0	Total/NA	Solid	Moisture	
240-213295-7	SB-9-30.0-32.0	Total/NA	Solid	Moisture	

Prep Batch: 632928

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
240-213295-1	SB-22-4.0-6.0	Total/NA	Solid	9012B	
240-213295-2	SB-22-12.0-14.0	Total/NA	Solid	9012B	
240-213295-3	SB-22-18.0-20.0	Total/NA	Solid	9012B	
240-213295-4	SB-11-22.0-24.0	Total/NA	Solid	9012B	
240-213295-5	SB-11-20.0-22.0	Total/NA	Solid	9012B	
240-213295-6	SB-9-22.0-24.0	Total/NA	Solid	9012B	
240-213295-7	SB-9-30.0-32.0	Total/NA	Solid	9012B	
MB 240-632928/1-A	Method Blank	Total/NA	Solid	9012B	
LCS 240-632928/2-A	Lab Control Sample	Total/NA	Solid	9012B	
240-213295-7 MS	SB-9-30.0-32.0	Total/NA	Solid	9012B	
240-213295-7 MSD	SB-9-30.0-32.0	Total/NA	Solid	9012B	

Analysis Batch: 632983

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
240-213295-1	SB-22-4.0-6.0	Total/NA	Solid	9012B	632928
240-213295-2	SB-22-12.0-14.0	Total/NA	Solid	9012B	632928
240-213295-3	SB-22-18.0-20.0	Total/NA	Solid	9012B	632928
240-213295-4	SB-11-22.0-24.0	Total/NA	Solid	9012B	632928
240-213295-5	SB-11-20.0-22.0	Total/NA	Solid	9012B	632928
240-213295-6	SB-9-22.0-24.0	Total/NA	Solid	9012B	632928
240-213295-7	SB-9-30.0-32.0	Total/NA	Solid	9012B	632928
MB 240-632928/1-A	Method Blank	Total/NA	Solid	9012B	632928
LCS 240-632928/2-A	Lab Control Sample	Total/NA	Solid	9012B	632928
MRL 240-632983/10	Lab Control Sample	Total/NA	Solid	9012B	
240-213295-7 MS	SB-9-30.0-32.0	Total/NA	Solid	9012B	632928
240-213295-7 MSD	SB-9-30.0-32.0	Total/NA	Solid	9012B	632928

Client Sample ID: SB-22-4.0-6.0 — **Lab Sample ID: 240-213295-1**
Date Collected: 10/16/24 15:31 — **Matrix: Solid**
Date Received: 10/17/24 16:05

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	Moisture		1	631487	VH6H	EET CLE	10/18/24 11:57
ASTM Leach	Leach	D3987-85			566731	UNWS	ELLE	10/23/24 12:30 - 10/24/24 06:15 [1]
ASTM Leach	Analysis	OIA-1677		1	569681	UJE2	ELLE	10/30/24 15:19

Client Sample ID: SB-22-4.0-6.0 — **Lab Sample ID: 240-213295-1**
Date Collected: 10/16/24 15:31 — **Matrix: Solid**
Date Received: 10/17/24 16:05 — **Percent Solids: 83.9**

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5030C			632082	TJL2	EET CLE	10/23/24 09:44
Total/NA	Analysis	8260D		1	632002	TJL2	EET CLE	10/23/24 15:19
Total/NA	Prep	3546			631619	NPR	EET CLE	10/21/24 08:49
Total/NA	Analysis	8270E		1	631782	LKG	EET CLE	10/22/24 13:15
Total/NA	Prep	3546			631847	BV1	EET CLE	10/22/24 09:44
Total/NA	Analysis	8082A		1	631984	LSH	EET CLE	10/23/24 15:18
Total/NA	Prep	3050B			631719	DEE	EET CLE	10/21/24 15:00
Total/NA	Analysis	6010D		1	631995	RKT	EET CLE	10/22/24 23:06
Total/NA	Prep	7471B			631721	DEE	EET CLE	10/21/24 15:00
Total/NA	Analysis	7471B		1	631905	S4FJ	EET CLE	10/22/24 11:21
Total/NA	Prep	3060A			568503	W2JF	ELLE	10/28/24 10:33
Total/NA	Analysis	7196A		1	569237	UDS7	ELLE	10/29/24 20:02
Total/NA	Prep	9012B			632928	C5SV	EET CLE	10/29/24 09:44
Total/NA	Analysis	9012B		1	632983	C5SV	EET CLE	10/29/24 12:07

Client Sample ID: SB-22-12.0-14.0 — **Lab Sample ID: 240-213295-2**
Date Collected: 10/16/24 15:40 — **Matrix: Solid**
Date Received: 10/17/24 16:05

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	Moisture		1	631487	VH6H	EET CLE	10/18/24 11:57
ASTM Leach	Leach	D3987-85			566731	UNWS	ELLE	10/23/24 12:30 - 10/24/24 06:15 [1]
ASTM Leach	Analysis	OIA-1677		1	569681	UJE2	ELLE	10/30/24 15:34

Client Sample ID: SB-22-12.0-14.0 — **Lab Sample ID: 240-213295-2**
Date Collected: 10/16/24 15:40 — **Matrix: Solid**
Date Received: 10/17/24 16:05 — **Percent Solids: 85.7**

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5030C			632082	TJL2	EET CLE	10/23/24 09:44
Total/NA	Analysis	8260D		1	632002	TJL2	EET CLE	10/23/24 15:41
Total/NA	Prep	3546			631619	NPR	EET CLE	10/21/24 08:49
Total/NA	Analysis	8270E		1	631782	LKG	EET CLE	10/22/24 13:39
Total/NA	Prep	3546			631847	BV1	EET CLE	10/22/24 09:44
Total/NA	Analysis	8082A		1	631984	LSH	EET CLE	10/23/24 15:34

Client Sample ID: SB-22-12.0-14.0
Lab Sample ID: 240-213295-2
Date Collected: 10/16/24 15:40
Matrix: Solid
Date Received: 10/17/24 16:05
Percent Solids: 85.7

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	3050B			631719	DEE	EET CLE	10/21/24 15:00
Total/NA	Analysis	6010D		1	631995	RKT	EET CLE	10/22/24 23:10
Total/NA	Prep	7471B			631721	DEE	EET CLE	10/21/24 15:00
Total/NA	Analysis	7471B		1	631905	S4FJ	EET CLE	10/22/24 11:23
Total/NA	Prep	3060A			568503	W2JF	ELLE	10/28/24 10:33
Total/NA	Analysis	7196A		1	569237	UDS7	ELLE	10/29/24 20:02
Total/NA	Prep	9012B			632928	C5SV	EET CLE	10/29/24 09:44
Total/NA	Analysis	9012B		1	632983	C5SV	EET CLE	10/29/24 12:08

Client Sample ID: SB-22-18.0-20.0
Lab Sample ID: 240-213295-3
Date Collected: 10/16/24 15:52
Matrix: Solid
Date Received: 10/17/24 16:05

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	Moisture		1	631487	VH6H	EET CLE	10/18/24 11:57
ASTM Leach	Leach	D3987-85			566731	UNWS	ELLE	10/23/24 12:30 - 10/24/24 06:15 [1]
ASTM Leach	Analysis	OIA-1677		1	569681	UJE2	ELLE	10/30/24 15:27

Client Sample ID: SB-22-18.0-20.0
Lab Sample ID: 240-213295-3
Date Collected: 10/16/24 15:52
Matrix: Solid
Date Received: 10/17/24 16:05
Percent Solids: 85.8

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5030C			632082	TJL2	EET CLE	10/23/24 09:44
Total/NA	Analysis	8260D		1	632002	TJL2	EET CLE	10/23/24 16:02
Total/NA	Prep	3546			631619	NPR	EET CLE	10/21/24 08:49
Total/NA	Analysis	8270E		1	631782	LKG	EET CLE	10/22/24 14:03
Total/NA	Prep	3546			631847	BV1	EET CLE	10/22/24 09:44
Total/NA	Analysis	8082A		1	631984	LSH	EET CLE	10/23/24 15:50
Total/NA	Prep	3050B			631719	DEE	EET CLE	10/21/24 15:00
Total/NA	Analysis	6010D		1	631995	RKT	EET CLE	10/22/24 23:15
Total/NA	Prep	7471B			631721	DEE	EET CLE	10/21/24 15:00
Total/NA	Analysis	7471B		1	631905	S4FJ	EET CLE	10/22/24 11:25
Total/NA	Prep	3060A			568503	W2JF	ELLE	10/28/24 10:33
Total/NA	Analysis	7196A		1	569237	UDS7	ELLE	10/29/24 20:02
Total/NA	Prep	9012B			632928	C5SV	EET CLE	10/29/24 09:44
Total/NA	Analysis	9012B		1	632983	C5SV	EET CLE	10/29/24 12:10

Client Sample ID: SB-11-22.0-24.0
Lab Sample ID: 240-213295-4
Date Collected: 10/17/24 09:46
Matrix: Solid
Date Received: 10/17/24 16:05

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	Moisture		1	631487	VH6H	EET CLE	10/18/24 11:57

Lab Chronicle

Client: August Mack Environmental, Inc.
Project/Site: MSC Canfield

Job ID: 240-213295-1

Client Sample ID: SB-11-22.0-24.0

Lab Sample ID: 240-213295-4

Date Collected: 10/17/24 09:46
Matrix: Solid
Date Received: 10/17/24 16:05

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
ASTM Leach	Leach	D3987-85			566731	UNWS	ELLE	10/23/24 12:30 - 10/24/24 06:15 [1]
ASTM Leach	Analysis	OIA-1677		1	569681	UJE2	ELLE	10/30/24 15:29

Client Sample ID: SB-11-22.0-24.0

Lab Sample ID: 240-213295-4

Date Collected: 10/17/24 09:46
Matrix: Solid
Date Received: 10/17/24 16:05
Percent Solids: 88.6

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5030C			632082	TJL2	EET CLE	10/23/24 09:44
Total/NA	Analysis	8260D		1	632002	TJL2	EET CLE	10/23/24 16:23
Total/NA	Prep	3546			631619	NPR	EET CLE	10/21/24 08:49
Total/NA	Analysis	8270E		1	631782	LKG	EET CLE	10/22/24 14:27
Total/NA	Prep	3546			631847	BV1	EET CLE	10/22/24 09:44
Total/NA	Analysis	8082A		1	631984	LSH	EET CLE	10/23/24 16:05
Total/NA	Prep	3050B			631719	DEE	EET CLE	10/21/24 15:00
Total/NA	Analysis	6010D		1	631995	RKT	EET CLE	10/22/24 23:19
Total/NA	Prep	7471B			631721	DEE	EET CLE	10/21/24 15:00
Total/NA	Analysis	7471B		1	631905	S4FJ	EET CLE	10/22/24 11:26
Total/NA	Prep	3060A			568503	W2JF	ELLE	10/28/24 10:33
Total/NA	Analysis	7196A		1	569237	UDS7	ELLE	10/29/24 20:02
Total/NA	Prep	9012B			632928	C5SV	EET CLE	10/29/24 09:44
Total/NA	Analysis	9012B		1	632983	C5SV	EET CLE	10/29/24 12:12

Client Sample ID: SB-11-20.0-22.0

Lab Sample ID: 240-213295-5

Date Collected: 10/17/24 09:42
Matrix: Solid
Date Received: 10/17/24 16:05

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	Moisture		1	631487	VH6H	EET CLE	10/18/24 11:57
ASTM Leach	Leach	D3987-85			566731	UNWS	ELLE	10/23/24 12:30 - 10/24/24 06:15 [1]
ASTM Leach	Analysis	OIA-1677		1	569681	UJE2	ELLE	10/30/24 15:32

Client Sample ID: SB-11-20.0-22.0

Lab Sample ID: 240-213295-5

Date Collected: 10/17/24 09:42
Matrix: Solid
Date Received: 10/17/24 16:05
Percent Solids: 87.4

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5030C			632082	TJL2	EET CLE	10/23/24 09:44
Total/NA	Analysis	8260D		1	632002	TJL2	EET CLE	10/23/24 16:45
Total/NA	Prep	3546			631619	NPR	EET CLE	10/21/24 08:49
Total/NA	Analysis	8270E		1	631782	LKG	EET CLE	10/22/24 14:51
Total/NA	Prep	3546			631847	BV1	EET CLE	10/22/24 09:44
Total/NA	Analysis	8082A		1	631984	LSH	EET CLE	10/23/24 16:21
Total/NA	Prep	3050B			631719	DEE	EET CLE	10/21/24 15:00
Total/NA	Analysis	6010D		1	631995	RKT	EET CLE	10/22/24 23:23

Client Sample ID: SB-11-20.0-22.0

Lab Sample ID: 240-213295-5

Date Collected: 10/17/24 09:42
Matrix: Solid
Date Received: 10/17/24 16:05
Percent Solids: 87.4

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	7471B			631721	DEE	EET CLE	10/21/24 15:00
Total/NA	Analysis	7471B		1	631905	S4FJ	EET CLE	10/22/24 11:28
Total/NA	Prep	3060A			568503	W2JF	ELLE	10/28/24 10:33
Total/NA	Analysis	7196A		1	569237	UDS7	ELLE	10/29/24 20:02
Total/NA	Prep	9012B			632928	C5SV	EET CLE	10/29/24 09:44
Total/NA	Analysis	9012B		1	632983	C5SV	EET CLE	10/29/24 12:14

Client Sample ID: SB-9-22.0-24.0

Lab Sample ID: 240-213295-6

Date Collected: 10/17/24 13:45
Matrix: Solid
Date Received: 10/17/24 16:05

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	Moisture		1	631487	VH6H	EET CLE	10/18/24 11:57
ASTM Leach	Leach	D3987-85			566731	UNWS	ELLE	10/23/24 12:30 - 10/24/24 06:15 [1]
ASTM Leach	Analysis	OIA-1677		1	570146	UJE2	ELLE	10/31/24 15:31

Client Sample ID: SB-9-22.0-24.0

Lab Sample ID: 240-213295-6

Date Collected: 10/17/24 13:45
Matrix: Solid
Date Received: 10/17/24 16:05
Percent Solids: 88.2

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5030C			632329	LAM	EET CLE	10/24/24 13:26
Total/NA	Analysis	8260D		2	633042	CS	EET CLE	10/29/24 22:43
Total/NA	Prep	5030C			632329	LAM	EET CLE	10/24/24 13:26
Total/NA	Analysis	8260D		5	633042	CS	EET CLE	10/30/24 07:59
Total/NA	Prep	3546			631619	NPR	EET CLE	10/21/24 08:49
Total/NA	Analysis	8270E		1	631782	LKG	EET CLE	10/22/24 15:15
Total/NA	Prep	3546			631847	BV1	EET CLE	10/22/24 09:44
Total/NA	Analysis	8082A		1	631984	LSH	EET CLE	10/23/24 16:37
Total/NA	Prep	3050B			631719	DEE	EET CLE	10/21/24 15:00
Total/NA	Analysis	6010D		1	631995	RKT	EET CLE	10/22/24 23:28
Total/NA	Prep	7471B			631721	DEE	EET CLE	10/21/24 15:00
Total/NA	Analysis	7471B		1	631905	S4FJ	EET CLE	10/22/24 11:30
Total/NA	Prep	3060A			568503	W2JF	ELLE	10/28/24 10:33
Total/NA	Analysis	7196A		1	569237	UDS7	ELLE	10/29/24 20:02
Total/NA	Prep	9012B			632928	C5SV	EET CLE	10/29/24 09:44
Total/NA	Analysis	9012B		1	632983	C5SV	EET CLE	10/29/24 12:15

Client Sample ID: SB-9-30.0-32.0

Lab Sample ID: 240-213295-7

Date Collected: 10/17/24 14:00
Matrix: Solid
Date Received: 10/17/24 16:05

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	Moisture		1	631487	VH6H	EET CLE	10/18/24 11:57

Lab Chronicle

Client: August Mack Environmental, Inc.
Project/Site: MSC Canfield

Job ID: 240-213295-1

Client Sample ID: SB-9-30.0-32.0

Lab Sample ID: 240-213295-7

Date Collected: 10/17/24 14:00

Matrix: Solid

Date Received: 10/17/24 16:05

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
ASTM Leach	Leach	D3987-85			566731	UNWS	ELLE	10/23/24 12:30 - 10/24/24 06:15 [1]
ASTM Leach	Analysis	OIA-1677		1	570146	UJE2	ELLE	10/31/24 15:34

Client Sample ID: SB-9-30.0-32.0

Lab Sample ID: 240-213295-7

Date Collected: 10/17/24 14:00

Matrix: Solid

Date Received: 10/17/24 16:05

Percent Solids: 89.3

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5030C			632082	TJL2	EET CLE	10/23/24 09:44
Total/NA	Analysis	8260D		1	632002	TJL2	EET CLE	10/23/24 17:06
Total/NA	Prep	3546			631619	NPR	EET CLE	10/21/24 08:49
Total/NA	Analysis	8270E		1	631782	LKG	EET CLE	10/22/24 15:39
Total/NA	Prep	3546			631847	BV1	EET CLE	10/22/24 09:44
Total/NA	Analysis	8082A		1	631984	LSH	EET CLE	10/23/24 16:53
Total/NA	Prep	3050B			631719	DEE	EET CLE	10/21/24 15:00
Total/NA	Analysis	6010D		1	631995	RKT	EET CLE	10/22/24 23:32
Total/NA	Prep	7471B			631721	DEE	EET CLE	10/21/24 15:00
Total/NA	Analysis	7471B		1	631905	S4FJ	EET CLE	10/22/24 11:35
Total/NA	Prep	3060A			568503	W2JF	ELLE	10/28/24 10:33
Total/NA	Analysis	7196A		1	569237	UDS7	ELLE	10/29/24 20:02
Total/NA	Prep	9012B			632928	C5SV	EET CLE	10/29/24 09:44
Total/NA	Analysis	9012B		1	632983	C5SV	EET CLE	10/29/24 12:17

Client Sample ID: TB-8-20241017

Lab Sample ID: 240-213295-8

Date Collected: 10/17/24 00:00

Matrix: Water

Date Received: 10/17/24 16:05

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260D		1	632801	LEE	EET CLE	10/29/24 02:46

[1] This procedure uses a method stipulated length of time for the process. Both start and end times are displayed.

Laboratory References:

EET CLE = Eurofins Cleveland, 180 S. Van Buren Avenue, Barberton, OH 44203, TEL (330)497-9396

ELLE = Eurofins Lancaster Laboratories Environment Testing, LLC, 2425 New Holland Pike, Lancaster, PA 17601, TEL (717)656-2300

Accreditation/Certification Summary

Client: August Mack Environmental, Inc.
Project/Site: MSC Canfield

Job ID: 240-213295-1

Laboratory: Eurofins Cleveland

All accreditations/certifications held by this laboratory are listed. Not all accreditations/certifications are applicable to this report.

Authority	Program	Identification Number	Expiration Date
California	State	2927	02-28-25
Connecticut	State	PH-0806	12-31-26
Georgia	State	4062	02-27-25
Illinois	NELAP	200004	08-31-25
Iowa	State	421	06-01-25
Kentucky (UST)	State	112225	02-27-25
Kentucky (WW)	State	KY98016	12-30-24
Minnesota	NELAP	039-999-348	12-31-24
New Hampshire	NELAP	225024	09-30-25
New Jersey	NELAP	OH001	07-03-25
New York	NELAP	10975	04-02-25
Ohio VAP	State	ORELAP 4062	02-27-25
Oregon	NELAP	4062	02-27-25
Pennsylvania	NELAP	68-00340	08-31-25
Texas	NELAP	T104704517-22-19	08-31-25
USDA	US Federal Programs	P330-18-00281	01-05-27
Virginia	NELAP	460175	09-14-25
West Virginia DEP	State	210	12-31-24

Laboratory: Eurofins Lancaster Laboratories Environment Testing, LLC

All accreditations/certifications held by this laboratory are listed. Not all accreditations/certifications are applicable to this report.

Authority	Program	Identification Number	Expiration Date
A2LA	Dept. of Defense ELAP	0001.01	11-30-26
A2LA	ISO/IEC 17025	0001.01	11-30-26
Alabama	State	43200	01-31-25
Alaska	State	PA00009	06-30-25
Alaska (UST)	State	17-027	02-28-25
Arizona	State	AZ0780	03-12-25
Arkansas DEQ	State	88-00660	08-09-25
California	State	2792	11-30-24
Colorado	State	PA00009	06-30-25
Connecticut	State	PH-0746	06-30-25
DE Haz. Subst. Cleanup Act (HSCA)	State	019-006 (PA cert)	01-31-25
Delaware (DW)	State	N/A	01-31-25
Florida	NELAP	E87997	06-30-25
Georgia (DW)	State	C048	01-31-25
Hawaii	State	N/A	01-31-25
Illinois	NELAP	200027	01-31-25
Iowa	State	361	03-01-26
Kansas	NELAP	E-10151	10-31-24
Kentucky (DW)	State	KY90088	12-31-24
Kentucky (UST)	State	0001.01	11-30-26
Kentucky (WW)	State	KY90088	12-31-24
Louisiana (All)	NELAP	02055	06-30-25
Maine	State	2019012	03-12-25
Maryland	State	100	06-30-25
Massachusetts	State	M-PA009	06-30-25
Michigan	State	9930	01-31-25
Minnesota	NELAP	042-999-487	12-31-24

Accreditation/Certification Summary

Client: August Mack Environmental, Inc.
Project/Site: MSC Canfield

Job ID: 240-213295-1

Laboratory: Eurofins Lancaster Laboratories Environment Testing, LLC (Continued)

All accreditations/certifications held by this laboratory are listed. Not all accreditations/certifications are applicable to this report.

Authority	Program	Identification Number	Expiration Date
Mississippi	State	023	01-31-25
Missouri	State	450	01-31-25
Montana (DW)	State	0098	01-01-25
Nebraska	State	NE-OS-32-17	01-31-25
New Hampshire	NELAP	2730	01-10-25
New Jersey	NELAP	PA011	06-30-25
New York	NELAP	10670	04-01-25
North Carolina (DW)	State	42705	07-31-25
North Carolina (WW/SW)	State	521	12-31-25
North Dakota	State	R-205	01-31-24 *
Oklahoma	NELAP	9804	08-31-24 *
Oregon	NELAP	PA200001	09-11-25
Pennsylvania	NELAP	36-00037	01-31-25
Quebec Ministry of Environment and Fight against Climate Change	PALA	507	09-16-29
Rhode Island	State	LAO00338	12-30-24
South Carolina	State	89002	01-31-25
Tennessee	State	02838	01-31-25
Texas	NELAP	T104704194-23-46	08-31-25
USDA	US Federal Programs	525-22-298-19481	10-25-25
Vermont	State	VT - 36037	10-28-25
Virginia	NELAP	460182	06-14-25
Washington	State	C457	04-11-25
West Virginia (DW)	State	9906 C	01-31-25
West Virginia DEP	State	055	07-31-25
Wyoming	State	8TMS-L	01-31-25
Wyoming (UST)	A2LA	0001.01	11-30-26

* Accreditation/Certification renewal pending - accreditation/certification considered valid.

Address: _____

3.813.8

Chain of Custody Record 728912

eurofins | Environment Testing America

Regulatory Program: ☐ DW ☐ NPDES ☐ RCRA ☐ Other: LS

TAL-8210

Client Contact	Project Manager: Kain Laser-Lowe	Site Contact:	Date:	COC No:
Company Name: AME	Tel/Email: 740-548-1515	Lab Contact:	Carrier:	1 of 2 COCs
Address: 7830 N. Central Dr. STE B	Analysis Turnaround Time			Sampler:
City/State/Zip: Lewis Center, OH, 43035	☐ CALENDAR DAYS ☐ WORKING DAYS			For Lab Use Only:
Phone:	TAT if different from Below _____			Walk-in Client:
Fax:	☐ 2 weeks ☐ 1 week ☐ 2 days ☐ 1 day			Lab Sampling:
Project Name:				Job / SDG No.:
Site: MSC Canfield				
PO# JX2380				

Sample Identification	Sample Date	Sample Time	Sample Type (C=Comp, G=Grab)	Matrix	# of Cont.	Filtered Sample (Y/N)	Perform MS / MSD (Y/N)	8260D - VOCs	8270E - SVOCs	8082A - PCBs	6010D, 7470, 8-RCRA	9012B - TCN, Cn	7196A - Crb	1677 - Free Cn	Sample Specific Notes:
SB-22-4.0-6.0	10/16/24	1531	C	Solid	6	X	X	X	X	X	X	X	X	X	
SB-22-12.0-14.0	10/16/24	1540	G	Solid	6	X	X	X	X	X	X	X	X	X	
SB-22-18.0-20.0	10/16/24	1552	G	Solid	6	X	X	X	X	X	X	X	X	X	
SB-11-22.0-24.0	10/17/24	0946	G	Solid	6	X	X	X	X	X	X	X	X	X	
SB-11-20.0-22.0	10/17/24	0942	G	Solid	6	X	X	X	X	X	X	X	X	X	
SB-9-22.0-24.0	10/17/24	1345	G	Solid	6	X	X	X	X	X	X	X	X	X	
SB-9-30.0-32.0	10/17/24	1400	G	Solid	6	X	X	X	X	X	X	X	X	X	
TB-8-20241017	10/17/24	—	—	—	—	N	MX								

240-213295 COC

Preservation Used: 1= Ice, 2= HCl; 3= H2SO4; 4=HNO3; 5=NaOH; 6= Other _____

Possible Hazard Identification:
Are any samples from a listed EPA Hazardous Waste? Please List any EPA Waste Codes for the sample in the Comments Section if the lab is to dispose of the sample.

☐ Non-Hazard ☐ Flammable ☐ Skin Irritant ☐ Poison B ☐ Unknown

Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)

☐ Return to Client ☐ Disposal by Lab ☐ Archive for _____ Months

Special Instructions/QC Requirements & Comments:

Custody Seals Intact: ☐ Yes ☐ No | Custody Seal No.: | Cooler Temp. (°C): Obs'd:_____ Corr'd:_____ | Therm ID No.:_____

Relinquished by:	Company:	Date/Time:	Received by:	Company:	Date/Time:
Nathan Byrd	AME	10/17/24 1450		EUR	10/17/24 1450
Relinquished by:	Company:	Date/Time:	Received by:	Company:	Date/Time:
	EUR	10/17/24 1605	JMOROSKO	EUR	10/17/24 1605
Relinquished by:	Company:	Date/Time:	Received in Laboratory by:	Company:	Date/Time:

Eurofins – Cleveland Sample Receipt Form/Narrative **Login # :** _____
Barberton Facility

Client AMF Site Name _____ Cooler unpacked by: JMOROSKO

Cooler Received on 10/17/24 Opened on 10/18/24

FedEx: 1st Grd Exp UPS FAS Waypoint Client Drop Off Eurofins Courier Other _____

Receipt After-hours Drop-off Date/Time _____ Storage Location _____

Eurofins Cooler # EC Foam Box Client Cooler Box Other _____

Packing material used. Bubble Wrap Foam Plastic Bag None Other _____

COOLANT: Wet Ice Blue Ice Dry Ice Water None

1 Cooler temperature upon receipt ☐ See Multiple Cooler Form

IR GUN # 24 (CF +0.0 °C) Observed Cooler Temp. 3.8 °C Corrected Cooler Temp. 3.8 °C

2. Were tamper/custody seals on the outside of the cooler(s)? If Yes Quantity_____	Yes (No)	
-Were the seals on the outside of the cooler(s) signed & dated?	Yes No (NA)	
-Were tamper/custody seals on the bottle(s) or bottle kits (LLHg/MeHg)?	Yes (No)	
-Were tamper/custody seals intact and uncompromised?	Yes No (NA)	
3 Shippers' packing slip attached to the cooler(s)?	Yes (No)	
4. Did custody papers accompany the sample(s)?	(Yes) No	
5 Were the custody papers relinquished & signed in the appropriate place?	(Yes) No	
6 Was/were the person(s) who collected the samples clearly identified on the COC?	Yes (No)	
7 Did all bottles arrive in good condition (Unbroken)?	(Yes) No	
8 Could all bottle labels (ID/Date/Time) be reconciled with the COC?	(Yes) No	
9 For each sample, does the COC specify preservatives (Y/N), # of containers (Y/N), and sample type of grab/comp (Y/N)?	(Y) (Y) (Y)	
10 Were correct bottle(s) used for the test(s) indicated?	(Yes) No	
11 Sufficient quantity received to perform indicated analyses?	(Yes) No	
12. Are these work share samples and all listed on the COC?	Yes (No)	
If yes, Questions 13-17 have been checked at the originating laboratory		
13 Were all preserved sample(s) at the correct pH upon receipt?	Yes No (NA)	pH Strip Lot# HC447997
14 Were VOAs on the COC?	Yes (No)	
15 Were air bubbles >6 mm in any VOA vials? ● ← Larger than this.	Yes No (NA)	
16 Was a VOA trip blank present in the cooler(s)? Trip Blank Lot #_____	Yes (No)	
17 Was a LL Hg or Me Hg trip blank present? _____	Yes (No)	

Tests that are not checked for pH by Receiving:

VOAs
Oil and Grease
TOC

Contacted PM _____ Date _____ by _____ via Verbal Voice Mail Other

Concerning _____

18. CHAIN OF CUSTODY & SAMPLE DISCREPANCIES ☐ additional next page

Samples processed by:

_____

_____

_____

_____

19 SAMPLE CONDITION

Sample(s) _____ were received after the recommended holding time had expired

Sample(s) _____ were received in a broken container

Sample(s) _____ were received with bubble >6 mm in diameter (Notify PM)

20. SAMPLE PRESERVATION

Sample(s) _____ were further preserved in the laboratory

Time preserved. _____ Preservative(s) added/Lot number(s): _____

VOA Sample Preservation - Date/Time VOAs Frozen _____

10/18/2024

Login Container Summary Report

240-213295

10/31/2024

Temperature readings _____

Client Sample ID	Lab ID	Container Type	Container pH	Container Temp	Preservation Added	Preservation Lot Number
SB-22-4 0-6 0	240-213295-A-1	SnapCap 1/2 ounce unpreserved				
SB-22-4 0-6 0	240-213295-B-1	Soil jar 2oz - clear glass				
SB-22-4 0-6 0	240-213295-C-1	Soil jar 4oz - clear glass				
SB-22-4 0-6 0	240-213295-D-1	Soil jar 4oz - clear glass				
SB-22-4 0-6.0	240-213295-E-1	Soil jar 4oz - clear glass				
SB-22-4 0-6 0	240-213295-F-1	Soil jar 4oz - clear glass				
SB-22-4 0-6 0	240-213295-G-1	Soil jar 4oz - clear glass				
SB-22-12 0-14 0	240-213295-A-2	SnapCap 1/2 ounce unpreserved				
SB-22-12.0-14 0	240-213295-B-2	Soil jar 2oz - clear glass				
SB-22-12.0-14 0	240-213295-C-2	Soil jar 4oz - clear glass				
SB-22-12 0-14 0	240-213295-D-2	Soil jar 4oz - clear glass				
SB-22-12 0-14 0	240-213295-E-2	Soil jar 4oz - clear glass				
SB-22-12.0-14 0	240-213295-F-2	Soil jar 4oz - clear glass				
SB-22-12 0-14 0	240-213295-G-2	Soil jar 4oz - clear glass				
SB-22-18 0-20 0	240-213295-A-3	SnapCap 1/2 ounce unpreserved				
SB-22-18 0-20 0	240-213295-B-3	Soil jar 2oz - clear glass				
SB-22-18 0-20 0	240-213295-C-3	Soil jar 4oz - clear glass				
SB-22-18 0-20 0	240-213295-D-3	Soil jar 4oz - clear glass				
SB-22-18 0-20 0	240-213295-E-3	Soil jar 4oz - clear glass				
SB-22-18 0-20 0	240-213295-F-3	Soil jar 4oz - clear glass				
SB-22-18 0-20 0	240-213295-G-3	Soil jar 4oz - clear glass				
SB-11-22.0-24.0	240-213295-A-4	SnapCap 1/2 ounce unpreserved				
SB-11-22 0-24 0	240-213295-B-4	Soil jar 2oz - clear glass				
SB-11-22 0-24 0	240-213295-C-4	Soil jar 4oz - clear glass				
SB-11-22 0-24 0	240-213295-D-4	Soil jar 4oz - clear glass				
SB-11-22 0-24 0	240-213295-E-4	Soil jar 4oz - clear glass				
SB-11-22.0-24 0	240-213295-F-4	Soil jar 4oz - clear glass				
SB-11-22 0-24 0	240-213295-G-4	Soil jar 4oz - clear glass				
SB-11-20 0-22.0	240-213295-A-5	SnapCap 1/2 ounce unpreserved				
SB-11-20.0-22 0	240-213295-B-5	Soil jar 2oz - clear glass				
SB-11-20 0-22 0	240-213295-C-5	Soil jar 4oz - clear glass				
SB-11-20 0-22 0	240-213295-D-5	Soil jar 4oz - clear glass				
SB-11-20 0-22 0	240-213295-E-5	Soil jar 4oz - clear glass				
SB-11-20 0-22 0	240-213295-F-5	Soil jar 4oz - clear glass				
SB-11-20 0-22.0	240-213295-G-5	Soil jar 4oz - clear glass				

Client Sample ID	Lab ID	Container Type	Container pH	Container Temp	Preservation Added	Preservation Lot Number
SB-9-22 0-24 0	240-213295-A-6	SnapCap 1/2 ounce unpreserved				
SB-9-22 0-24 0	240-213295-B-6	Soil jar 2oz - clear glass				
SB-9-22 0-24 0	240-213295-C-6	Soil jar 4oz - clear glass				
SB-9-22.0-24 0	240-213295-D-6	Soil jar 4oz - clear glass				
SB-9-22 0-24 0	240-213295-E-6	Soil jar 4oz - clear glass				
SB-9-22 0-24 0	240-213295-F-6	Soil jar 4oz - clear glass				
SB-9-22.0-24 0	240-213295-G-6	Soil jar 4oz - clear glass				
SB-9-30 0-32 0	240-213295-A-7	SnapCap 1/2 ounce unpreserved				
SB-9-30 0-32 0	240-213295-B-7	Soil jar 2oz - clear glass				
SB-9-30 0-32 0	240-213295-C-7	Soil jar 4oz - clear glass				
SB-9-30 0-32 0	240-213295-D-7	Soil jar 4oz - clear glass				
SB-9-30 0-32 0	240-213295-E-7	Soil jar 4oz - clear glass				
SB-9-30 0-32 0	240-213295-F-7	Soil jar 4oz - clear glass				
SB-9-30 0-32 0	240-213295-G-7	Soil jar 4oz - clear glass				
TB-8-20241017	240-213295-A-8	Voa Vial 40ml - Hydrochloric Acid				

Eurofins Cleveland
180 S. Van Buren Avenue
Barberton, OH 44203
Phone: 330-497-9396 Fax: 330-497-0772

Chain of Custody Record

eurofins | Environment Testing

Client Information (Sub Contract Lab)	Sampler: N/A	Lab PM: Kalis, Nicole A	Carrier Tracking No(s): N/A	COC No: 240-192441.1
Client Contact: Shipping/Receiving	Phone: N/A	E-Mail: Nicole.Kalis@et.eurofinsus.com	State of Origin: Ohio	Page: Page 1 of 1
Company: Eurofins Lancaster Laboratories Environm		Accreditations Required (See note): N/A		Job #: 240-213295-1
Address: 2425 New Holland Pike, ,	Due Date Requested: 10/30/2024			Preservation Codes: -
City: Lancaster	TAT Requested (days): N/A			
State, Zip: PA, 17601				
Phone: 717-656-2300(Tel)	PO #: N/A			
Email: N/A	WO #: N/A			
Project Name: MSC Canfield	Project #: 24033889			
Site: N/A	SSOW#: N/A			Other: N/A

Sample Identification - Client ID (Lab ID)	Sample Date	Sample Time	Sample Type (C=comp, G=grab)	Matrix (W=water, S=solid, O=waste/oil, BT=Tissue, A=Air)	Field Filtered Sample (Yes or No)	Perform MS/MSD (Yes or No)	1677_Free/ASTM_LEACH_NP Cyanide, Free	7196A/3060A Chromium, Hexavalent	Total Number of containers	Special Instructions/Note:
			Preservation Code							
SB-22-4.0-6.0 (240-213295-1)	10/16/24	15:31 Eastern	G	Solid			X	X	2	Use caution! Site contaminated with solvent waste
SB-22-12.0-14.0 (240-213295-2)	10/16/24	15:40 Eastern	G	Solid			X	X	2	Use caution! Site contaminated with solvent waste
SB-22-18.0-20.0 (240-213295-3)	10/16/24	15:52 Eastern	G	Solid			X	X	2	Use caution! Site contaminated with solvent waste
SB-11-22.0-24.0 (240-213295-4)	10/17/24	09:46 Eastern	G	Solid			X	X	2	Use caution! Site contaminated with solvent waste
SB-11-20.0-22.0 (240-213295-5)	10/17/24	09:42 Eastern	G	Solid			X	X	2	Use caution! Site contaminated with solvent waste
SB-9-22.0-24.0 (240-213295-6)	10/17/24	13:45 Eastern	G	Solid			X	X	2	Use caution! Site contaminated with solvent waste
SB-9-30.0-32.0 (240-213295-7)	10/17/24	14:00 Eastern	G	Solid			X	X	2	Use caution! Site contaminated with solvent waste

Note: Since laboratory accreditations are subject to change, Eurofins Environment Testing North Central, LLC places the ownership of method, analyte & accreditation compliance upon our subcontract laboratories. This sample shipment is forwarded under chain-of-custody. If the laboratory does not currently maintain accreditation in the State of Origin listed above for analysis/tests/matrix being analyzed, the samples must be shipped back to the Eurofins Environment Testing North Central, LLC laboratory or other instructions will be provided. Any changes to accreditation status should be brought to Eurofins Environment Testing North Central, LLC attention immediately. If all requested accreditations are current to date, return the signed Chain of Custody attesting to said compliance to Eurofins Environment Testing North Central, LLC.

Possible Hazard Identification	*Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)*
Unconfirmed	☐ *Return To Client* ☐ *Disposal By Lab* ☐ *Archive For* _____ *Months*
Deliverable Requested: I, II, III, IV, Other (specify) Primary Deliverable Rank: 2	Special Instructions/QC Requirements:

Empty Kit Relinquished by:	Date:	Time:	Method of Shipment:

Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company
MALISSA LOAR	10/21/24				
Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company
Relinquished by:	Date/Time:	Company	Received by:	Date/Time: 10/22/24 1020	Company ELLET

Custody Seals Intact: Δ Yes Δ No	Custody Seal No.:	Cooler Temperature(s) °C and Other Remarks:	K: 3.7 C: 3.3

Ver: 10/10/2024

Login Sample Receipt Checklist

Client: August Mack Environmental, Inc.

Job Number: 240-213295-1

Login Number: 213295
List Number: 2
Creator: Santiago, Nathaniel

List Source: Eurofins Lancaster Laboratories Environment Testing, LLC
List Creation: 10/22/24 11:40 AM

Question	Answer	Comment
The cooler's custody seal is intact.	N/A	
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	True	
Cooler Temperature acceptable,where thermal pres is required(</=6C, not frozen).	True	
Cooler Temperature is recorded.	True	
WV:Container Temp acceptable,where thermal pres is required (</=6C, not frozen).	N/A	
WV: Container Temperature is recorded.	N/A	
COC is present.	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information.	True	
There are no discrepancies between the containers received and the COC.	True	
Sample containers have legible labels.	True	
Containers are not broken or leaking.	True	
Sample collection date/times are provided.	True	
Appropriate sample containers are used.	True	
Sample bottles are completely filled.	True	
There is sufficient vol. for all requested analyses.	True	
Is the Field Sampler's name present on COC?	False	Received project as a subcontract.
Sample custody seals are intact.	N/A	
VOA sample vials do not have headspace >6mm in diameter (none, if from WV)?	N/A	

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ANALYTICAL REPORT

PREPARED FOR

Attn: Kain Lager-Lowe
August Mack Environmental, Inc.
7830 North Central Drive, Suite B
Lewis Center, Ohio 43035

Generated 11/4/2024 1:18:59 AM

JOB DESCRIPTION

MSC Canfield

JOB NUMBER

240-213376-1

Eurofins Cleveland
180 S. Van Buren Avenue
Barberton OH 44203

See page two for job notes and contact information.

my EOL

Job Notes

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The test results in this report relate only to the samples as received by the laboratory and will meet all requirements of the methodology, with any exceptions noted. This report shall not be reproduced except in full, without the express written approval of the laboratory. All questions should be directed to the Eurofins Environment Testing North Central, LLC Project Manager.

Authorization



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Authorized for release by
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Definitions/Glossary

Client: August Mack Environmental, Inc. Job ID: 240-213376-1
Project/Site: MSC Canfield

Qualifiers

GC/MS VOA

Qualifier	Qualifier Description
B	Compound was found in the blank and sample.
J	Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.

GC/MS Semi VOA

Qualifier	Qualifier Description
J	Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.

Metals

Qualifier	Qualifier Description
B	Compound was found in the blank and sample.
J	Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.

General Chemistry

Qualifier	Qualifier Description
J	Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.

Glossary

Abbreviation	These commonly used abbreviations may or may not be present in this report.
☼	Listed under the "D" column to designate that the result is reported on a dry weight basis
%R	Percent Recovery
CFL	Contains Free Liquid
CFU	Colony Forming Unit
CNF	Contains No Free Liquid
DER	Duplicate Error Ratio (normalized absolute difference)
Dil Fac	Dilution Factor
DL	Detection Limit (DoD/DOE)
DL, RA, RE, IN	Indicates a Dilution, Re-analysis, Re-extraction, or additional Initial metals/anion analysis of the sample
DLC	Decision Level Concentration (Radiochemistry)
EDL	Estimated Detection Limit (Dioxin)
LOD	Limit of Detection (DoD/DOE)
LOQ	Limit of Quantitation (DoD/DOE)
MCL	EPA recommended "Maximum Contaminant Level"
MDA	Minimum Detectable Activity (Radiochemistry)
MDC	Minimum Detectable Concentration (Radiochemistry)
MDL	Method Detection Limit
ML	Minimum Level (Dioxin)
MPN	Most Probable Number
MQL	Method Quantitation Limit
NC	Not Calculated
ND	Not Detected at the reporting limit (or MDL or EDL if shown)
NEG	Negative / Absent
POS	Positive / Present
PQL	Practical Quantitation Limit
PRES	Presumptive
QC	Quality Control
RER	Relative Error Ratio (Radiochemistry)
RL	Reporting Limit or Requested Limit (Radiochemistry)
RPD	Relative Percent Difference, a measure of the relative difference between two points
TEF	Toxicity Equivalent Factor (Dioxin)
TEQ	Toxicity Equivalent Quotient (Dioxin)
TNTC	Too Numerous To Count

Job Narrative
240-213376-1

Analytical test results meet all requirements of the associated regulatory program listed on the Accreditation/Certification Summary Page unless otherwise noted under the individual analysis. Data qualifiers and/or narrative comments are included to explain any exceptions, if applicable.

- Matrix QC may not be reported if insufficient sample is provided or site-specific QC samples were not submitted. In these situations, to demonstrate precision and accuracy at a batch level, a LCS/LCSD may be performed, unless otherwise specified in the method.
- Surrogate and/or isotope dilution analyte recoveries (if applicable) which are outside of the QC window are confirmed unless attributed to a dilution or otherwise noted in the narrative.

Regulated compliance samples (e.g. SDWA, NPDES) must comply with the associated agency requirements/permits.

Receipt
The samples were received on 10/18/2024 4:00 PM. Unless otherwise noted below, the samples arrived in good condition, and, where required, properly preserved and on ice. The temperature of the cooler at receipt time was 5.4°C.

Receipt Exceptions
The following sample was submitted for analysis; however, it was not listed on the Chain-of-Custody (COC): SB-9-GW-24-34 (240-213376-3)

GC/MS VOA
Method 8260D: The continuing calibration verification (CCV) analyzed in batch 240-632826 was outside the method criteria for the following analyte(s): Bromoform. A CCV standard at or below the reporting limit (RL) was analyzed with the affected samples and found to be acceptable. As indicated in the reference method, sample analysis may proceed; however, any detection for the affected analyte(s) is considered estimated.

Method 8260D: The continuing calibration verification (CCV) associated with batch 240-632826 recovered above the upper control limit for Chloroethane, Chloromethane, Dichlorodifluoromethane and Trichlorofluoromethane. The samples associated with this CCV were non-detects for the affected analytes; therefore, the data have been reported. The associated samples are impacted: SB-11-GW-18-28 (240-213376-2) and TB-12 (240-213376-4).

Method 8260D: The following sample(s) was collected in a properly preserved vial; however, the pH was outside the required criteria when verified by the laboratory. The sample was analyzed outside the 7-day holding time specified for unpreserved samples but within the 14-day holding time specified for preserved samples: SB-9-GW-24-34 (240-213376-3).

Method 8260D: The method blank for analytical batch 240-633351 contained 2-Butanone (MEK) above the method detection limit. This target analyte concentration was less than the reporting limit (RL) in the method blank; therefore, re-extraction and/or re-analysis of samples was not performed.

Method 8260D: The matrix spike / matrix spike duplicate (MS/MSD) recoveries for analytical batch 240-633351 were outside control limits for one or more analytes. See QC Sample Results for detail. Sample matrix interference and/or non-homogeneity are suspected because the associated laboratory control sample (LCS) recovery is within acceptance limits.

Method 8260D: The continuing calibration verification (CCV) associated with batch 240-633351 recovered above the upper control limit for 1,1,2-Trichloro-1,2,2-trifluoroethane and Trichlorofluoromethane. The samples associated with this CCV were non-detects for the affected analytes; therefore, the data have been reported. The associated samples are impacted: SB-8-GW-18-28 (240-213376-1) and SB-9-GW-24-34 (240-213376-3).

No additional analytical or quality issues were noted, other than those described above or in the Definitions/ Glossary page.

GC/MS Semi VOA
Method 8270E: The continuing calibration verification (CCV) associated with batch 240-632004 recovered above the upper control limit for 3 & 4 Methylphenol. The samples associated with this CCV were non-detects for the affected analyte; therefore, the data have been reported. The following samples were impacted: SB-8-GW-18-28 (240-213376-1) and SB-11-GW-18-28 (240-213376-2).

Method 8270E: The continuing calibration verification (CCV) associated with batch 240-632004 recovered outside acceptance

criteria, low biased, for Hexachlorocyclopentadiene. A reporting limit (RL) standard was analyzed, and the target analyte was detected. Since the associated samples were non-detect for the analyte, the data are reported. Samples SB-8-GW-18-28 (240-213376-1) and SB-11-GW-18-28 (240-213376-2) were impacted.

No additional analytical or quality issues were noted, other than those described above or in the Definitions/ Glossary page.

PCBs
Method 8082A: Insufficient sample volume was available to perform a matrix spike/matrix spike duplicate (MS/MSD) associated with preparation batch 240-631616.

No additional analytical or quality issues were noted, other than those described above or in the Definitions/ Glossary page.

Metals
No additional analytical or quality issues were noted, other than those described above or in the Definitions/ Glossary page.

General Chemistry
Method 7196A: The following samples were diluted due to the nature of the sample matrix: SB-11-GW-18-28 (240-213376-2) and SB-9-GW-24-34 (240-213376-3). Elevated reporting limits (RLs) are provided.

Method 7196A - Dissolved: The following samples were diluted due to the nature of the sample matrix: SB-11-GW-18-28 (240-213376-2) and SB-9-GW-24-34 (240-213376-3). Elevated reporting limits (RLs) are provided.

No additional analytical or quality issues were noted, other than those described above or in the Definitions/ Glossary page.

Method Summary

Client: August Mack Environmental, Inc.
Project/Site: MSC Canfield

Job ID: 240-213376-1

Method	Method Description	Protocol	Laboratory
8260D	Volatile Organic Compounds by GC/MS	SW846	EET CLE
8270E	Semivolatile Organic Compounds (GC/MS)	SW846	EET CLE
8082A	Polychlorinated Biphenyls (PCBs) by Gas Chromatography	SW846	EET CLE
6010D	Metals (ICP)	SW846	EET CLE
7470A	Mercury (CVAA)	SW846	EET CLE
7196A	Chromium, Hexavalent	SW846	EET CLE
9012B	Cyanide, Total andor Amenable	SW846	EET CLE
OIA-1677	Cyanide, Free (Flow Injection)	OI CORP	ELLE
3005A	Preparation, Total Recoverable or Dissolved Metals	SW846	EET CLE
3510C	Liquid-Liquid Extraction (Separatory Funnel)	SW846	EET CLE
3510C LVI	Liquid-Liquid Extraction (Separatory Funnel) LVI	SW846	EET CLE
5030C	Purge and Trap	SW846	EET CLE
7470A	Preparation, Mercury	SW846	EET CLE
9012B	Cyanide, Total and/or Amenable, Distillation	SW846	EET CLE

Protocol References:

OI CORP = OI Corporation Instrument Manual.

SW846 = "Test Methods For Evaluating Solid Waste, Physical/Chemical Methods", Third Edition, November 1986 And Its Updates.

Laboratory References:

EET CLE = Eurofins Cleveland, 180 S. Van Buren Avenue, Barberton, OH 44203, TEL (330)497-9396

ELLE = Eurofins Lancaster Laboratories Environment Testing, LLC, 2425 New Holland Pike, Lancaster, PA 17601, TEL (717)656-2300

Sample Summary

Client: August Mack Environmental, Inc.
Project/Site: MSC Canfield

Job ID: 240-213376-1

Lab Sample ID	Client Sample ID	Matrix	Collected	Received
240-213376-1	SB-8-GW-18-28	Water	10/18/24 09:55	10/18/24 16:00
240-213376-2	SB-11-GW-18-28	Water	10/18/24 11:20	10/18/24 16:00
240-213376-3	SB-9-GW-24-34	Water	10/18/24 13:40	10/18/24 16:00
240-213376-4	TB-12	Water	10/18/24 00:00	10/18/24 16:00

Detection Summary

Client: August Mack Environmental, Inc.
Project/Site: MSC Canfield

Job ID: 240-213376-1

Client Sample ID: SB-8-GW-18-28 — Lab Sample ID: 240-213376-1

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
2-Butanone (MEK)	200	J B	1000	120	ug/L	100		8260D	Total/NA
cis-1,2-Dichloroethene	74	J	100	46	ug/L	100		8260D	Total/NA
Trichloroethene	13000		100	44	ug/L	100		8260D	Total/NA
Arsenic	26		15	4.1	ug/L	1		6010D	Total Recoverable
Barium	43	J B	200	1.3	ug/L	1		6010D	Total Recoverable
Chromium	3.7	J	10	0.76	ug/L	1		6010D	Total Recoverable
Copper	4.8	J	25	3.5	ug/L	1		6010D	Total Recoverable
Zinc	25	J	50	23	ug/L	1		6010D	Total Recoverable
Arsenic	24		15	4.1	ug/L	1		6010D	Dissolved
Barium	34	J B	200	1.3	ug/L	1		6010D	Dissolved
Cyanide, Total	0.023		0.010	0.0060	mg/L	1		9012B	Total/NA

Client Sample ID: SB-11-GW-18-28 — Lab Sample ID: 240-213376-2

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Arsenic	180		15	4.1	ug/L	1		6010D	Total Recoverable
Barium	610	B	200	1.3	ug/L	1		6010D	Total Recoverable
Cadmium	1.5	J	5.0	0.45	ug/L	1		6010D	Total Recoverable
Chromium	180		10	0.76	ug/L	1		6010D	Total Recoverable
Copper	230		25	3.5	ug/L	1		6010D	Total Recoverable
Lead	120		10	2.8	ug/L	1		6010D	Total Recoverable
Selenium	7.9	J	20	6.0	ug/L	1		6010D	Total Recoverable
Zinc	900		50	23	ug/L	1		6010D	Total Recoverable
Arsenic	7.5	J	15	4.1	ug/L	1		6010D	Dissolved
Barium	85	J B	200	1.3	ug/L	1		6010D	Dissolved
Chromium	6.1	J	10	0.76	ug/L	1		6010D	Dissolved
Copper	6.4	J	25	3.5	ug/L	1		6010D	Dissolved
Lead	4.2	J	10	2.8	ug/L	1		6010D	Dissolved
Zinc	29	J	50	23	ug/L	1		6010D	Dissolved
Mercury	0.14	J	0.20	0.13	ug/L	1		7470A	Total/NA
Chromium, hexavalent	0.072	J	0.20	0.070	mg/L	10		7196A	Total/NA
Cyanide, Total	0.099		0.010	0.0060	mg/L	1		9012B	Total/NA

Client Sample ID: SB-9-GW-24-34 — Lab Sample ID: 240-213376-3

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
2-Butanone (MEK)	28	J B	100	12	ug/L	10		8260D	Total/NA
cis-1,2-Dichloroethene	17		10	4.6	ug/L	10		8260D	Total/NA
Trichloroethene	1100		10	4.4	ug/L	10		8260D	Total/NA
Arsenic	10	J	15	4.1	ug/L	1		6010D	Total Recoverable
Barium	78	J B	200	1.3	ug/L	1		6010D	Total Recoverable

This Detection Summary does not include radiochemical test results.

Eurofins Cleveland

Client Sample ID: SB-9-GW-24-34 (Continued)

Lab Sample ID: 240-213376-3

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Chromium	12		10	0.76	ug/L	1		6010D	Total Recoverable
Copper	11	J	25	3.5	ug/L	1		6010D	Total Recoverable
Lead	4.9	J	10	2.8	ug/L	1		6010D	Total Recoverable
Zinc	46	J	50	23	ug/L	1		6010D	Total Recoverable
Cyanide, Total	0.0096	J	0.010	0.0060	mg/L	1		9012B	Total/NA

Client Sample ID: TB-12

Lab Sample ID: 240-213376-4

No Detections.

This Detection Summary does not include radiochemical test results.

Client: August Mack Environmental, Inc.
Project/Site: MSC Canfield

Job ID: 240-213376-1

Client Sample ID: SB-8-GW-18-28
Date Collected: 10/18/24 09:55
Date Received: 10/18/24 16:00

Lab Sample ID: 240-213376-1
Matrix: Water

Method: SW846 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		100	48	ug/L			10/31/24 13:44	100
1,1,2,2-Tetrachloroethane	ND		100	60	ug/L			10/31/24 13:44	100
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		100	41	ug/L			10/31/24 13:44	100
1,1,2-Trichloroethane	ND		100	48	ug/L			10/31/24 13:44	100
1,1-Dichloroethane	ND		100	47	ug/L			10/31/24 13:44	100
1,1-Dichloroethene	ND		100	49	ug/L			10/31/24 13:44	100
1,2,4-Trichlorobenzene	ND		100	77	ug/L			10/31/24 13:44	100
1,2-Dibromo-3-Chloropropane	ND		200	91	ug/L			10/31/24 13:44	100
Ethylene Dibromide	ND		100	41	ug/L			10/31/24 13:44	100
1,2-Dichlorobenzene	ND		100	48	ug/L			10/31/24 13:44	100
1,2-Dichloroethane	ND		100	46	ug/L			10/31/24 13:44	100
1,2-Dichloropropane	ND		100	47	ug/L			10/31/24 13:44	100
1,3-Dichlorobenzene	ND		100	45	ug/L			10/31/24 13:44	100
1,4-Dichlorobenzene	ND		100	41	ug/L			10/31/24 13:44	100
2-Butanone (MEK)	**200**	**J B**	1000	120	ug/L			10/31/24 13:44	100
2-Hexanone	ND		1000	110	ug/L			10/31/24 13:44	100
4-Methyl-2-pentanone (MIBK)	ND		1000	99	ug/L			10/31/24 13:44	100
Acetone	ND		1000	540	ug/L			10/31/24 13:44	100
Benzene	ND		100	42	ug/L			10/31/24 13:44	100
Dichlorobromomethane	ND		100	38	ug/L			10/31/24 13:44	100
Bromoform	ND		100	76	ug/L			10/31/24 13:44	100
Bromomethane	ND		100	42	ug/L			10/31/24 13:44	100
Carbon disulfide	ND		100	59	ug/L			10/31/24 13:44	100
Carbon tetrachloride	ND		100	26	ug/L			10/31/24 13:44	100
Chlorobenzene	ND		100	38	ug/L			10/31/24 13:44	100
Chloroethane	ND		100	83	ug/L			10/31/24 13:44	100
Chloroform	ND		100	47	ug/L			10/31/24 13:44	100
Chloromethane	ND		100	63	ug/L			10/31/24 13:44	100
cis-1,2-Dichloroethene	**74**	**J**	100	46	ug/L			10/31/24 13:44	100
cis-1,3-Dichloropropene	ND		100	61	ug/L			10/31/24 13:44	100
Cyclohexane	ND		100	48	ug/L			10/31/24 13:44	100
Chlorodibromomethane	ND		100	39	ug/L			10/31/24 13:44	100
Dichlorodifluoromethane	ND		100	35	ug/L			10/31/24 13:44	100
Ethylbenzene	ND		100	42	ug/L			10/31/24 13:44	100
Isopropylbenzene	ND		100	49	ug/L			10/31/24 13:44	100
Methyl acetate	ND		1000	170	ug/L			10/31/24 13:44	100
Methyl tert-butyl ether	ND		100	47	ug/L			10/31/24 13:44	100
Methylcyclohexane	ND		100	33	ug/L			10/31/24 13:44	100
Methylene Chloride	ND		500	260	ug/L			10/31/24 13:44	100
Styrene	ND		100	45	ug/L			10/31/24 13:44	100
Tetrachloroethene	ND		100	44	ug/L			10/31/24 13:44	100
Toluene	ND		100	44	ug/L			10/31/24 13:44	100
trans-1,2-Dichloroethene	ND		100	51	ug/L			10/31/24 13:44	100
trans-1,3-Dichloropropene	ND		100	67	ug/L			10/31/24 13:44	100
Trichloroethene	**13000**		100	44	ug/L			10/31/24 13:44	100
Trichlorofluoromethane	ND		100	45	ug/L			10/31/24 13:44	100
Vinyl chloride	ND		100	45	ug/L			10/31/24 13:44	100
Xylenes, Total	ND		200	42	ug/L			10/31/24 13:44	100

Client: August Mack Environmental, Inc.
Project/Site: MSC Canfield

Job ID: 240-213376-1

Client Sample ID: SB-8-GW-18-28
Date Collected: 10/18/24 09:55
Date Received: 10/18/24 16:00

Lab Sample ID: 240-213376-1
Matrix: Water

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
Toluene-d8 (Surr)	*93*		*78 - 122*		*10/31/24 13:44*	*100*
Dibromofluoromethane (Surr)	*111*		*73 - 120*		*10/31/24 13:44*	*100*
4-Bromofluorobenzene (Surr)	*82*		*56 - 136*		*10/31/24 13:44*	*100*
1,2-Dichloroethane-d4 (Surr)	*116*		*62 - 137*		*10/31/24 13:44*	*100*

Method: SW846 8270E - Semivolatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1'-Biphenyl	ND		1.0	0.49	ug/L		10/22/24 09:21	10/23/24 15:57	1
bis (2-chloroisopropyl) ether	ND		1.0	0.24	ug/L		10/22/24 09:21	10/23/24 15:57	1
2,4,5-Trichlorophenol	ND		5.0	2.0	ug/L		10/22/24 09:21	10/23/24 15:57	1
2,4,6-Trichlorophenol	ND		5.0	1.8	ug/L		10/22/24 09:21	10/23/24 15:57	1
2,4-Dichlorophenol	ND		2.0	0.26	ug/L		10/22/24 09:21	10/23/24 15:57	1
2,4-Dimethylphenol	ND		2.0	0.25	ug/L		10/22/24 09:21	10/23/24 15:57	1
2,4-Dinitrophenol	ND		10	2.6	ug/L		10/22/24 09:21	10/23/24 15:57	1
2,4-Dinitrotoluene	ND		5.0	2.1	ug/L		10/22/24 09:21	10/23/24 15:57	1
2,6-Dinitrotoluene	ND		5.0	1.1	ug/L		10/22/24 09:21	10/23/24 15:57	1
2-Chloronaphthalene	ND		1.0	0.23	ug/L		10/22/24 09:21	10/23/24 15:57	1
2-Chlorophenol	ND		1.0	0.27	ug/L		10/22/24 09:21	10/23/24 15:57	1
2-Methylnaphthalene	ND		0.20	0.11	ug/L		10/22/24 09:21	10/23/24 15:57	1
2-Methylphenol	ND		1.0	0.21	ug/L		10/22/24 09:21	10/23/24 15:57	1
2-Nitroaniline	ND		2.0	0.51	ug/L		10/22/24 09:21	10/23/24 15:57	1
2-Nitrophenol	ND		2.0	0.56	ug/L		10/22/24 09:21	10/23/24 15:57	1
3,3'-Dichlorobenzidine	ND		5.0	1.2	ug/L		10/22/24 09:21	10/23/24 15:57	1
3-Nitroaniline	ND		2.0	0.57	ug/L		10/22/24 09:21	10/23/24 15:57	1
4,6-Dinitro-2-methylphenol	ND		5.0	2.8	ug/L		10/22/24 09:21	10/23/24 15:57	1
4-Bromophenyl phenyl ether	ND		2.0	0.50	ug/L		10/22/24 09:21	10/23/24 15:57	1
4-Chloro-3-methylphenol	ND		2.0	0.30	ug/L		10/22/24 09:21	10/23/24 15:57	1
4-Chloroaniline	ND		2.0	0.32	ug/L		10/22/24 09:21	10/23/24 15:57	1
4-Chlorophenyl phenyl ether	ND		2.0	0.55	ug/L		10/22/24 09:21	10/23/24 15:57	1
4-Nitroaniline	ND		2.0	0.33	ug/L		10/22/24 09:21	10/23/24 15:57	1
4-Nitrophenol	ND		10	2.2	ug/L		10/22/24 09:21	10/23/24 15:57	1
Acenaphthene	ND		0.20	0.17	ug/L		10/22/24 09:21	10/23/24 15:57	1
Acenaphthylene	ND		0.20	0.13	ug/L		10/22/24 09:21	10/23/24 15:57	1
Acetophenone	ND		1.0	0.37	ug/L		10/22/24 09:21	10/23/24 15:57	1
Anthracene	ND		0.20	0.14	ug/L		10/22/24 09:21	10/23/24 15:57	1
Atrazine	ND		2.0	0.95	ug/L		10/22/24 09:21	10/23/24 15:57	1
Benzaldehyde	ND		2.0	0.76	ug/L		10/22/24 09:21	10/23/24 15:57	1
Benzo[a]anthracene	ND		0.20	0.068	ug/L		10/22/24 09:21	10/23/24 15:57	1
Benzo[a]pyrene	ND		0.20	0.17	ug/L		10/22/24 09:21	10/23/24 15:57	1
Benzo[b]fluoranthene	ND		0.20	0.15	ug/L		10/22/24 09:21	10/23/24 15:57	1
Benzo[g,h,i]perylene	ND		0.20	0.18	ug/L		10/22/24 09:21	10/23/24 15:57	1
Benzo[k]fluoranthene	ND		0.20	0.14	ug/L		10/22/24 09:21	10/23/24 15:57	1
Bis(2-chloroethoxy)methane	ND		1.0	0.22	ug/L		10/22/24 09:21	10/23/24 15:57	1
Bis(2-chloroethyl)ether	ND		1.0	0.40	ug/L		10/22/24 09:21	10/23/24 15:57	1
Bis(2-ethylhexyl) phthalate	ND		5.0	2.2	ug/L		10/22/24 09:21	10/23/24 15:57	1
Butyl benzyl phthalate	ND		2.0	0.67	ug/L		10/22/24 09:21	10/23/24 15:57	1
Caprolactam	ND		5.0	3.8	ug/L		10/22/24 09:21	10/23/24 15:57	1
Carbazole	ND		1.0	0.49	ug/L		10/22/24 09:21	10/23/24 15:57	1
Chrysene	ND		0.20	0.066	ug/L		10/22/24 09:21	10/23/24 15:57	1
Dibenz(a,h)anthracene	ND		0.20	0.15	ug/L		10/22/24 09:21	10/23/24 15:57	1

Client Sample ID: SB-8-GW-18-28
Date Collected: 10/18/24 09:55
Date Received: 10/18/24 16:00

Lab Sample ID: 240-213376-1
Matrix: Water

Method: SW846 8270E - Semivolatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Dibenzofuran	ND		1.0	0.27	ug/L		10/22/24 09:21	10/23/24 15:57	1
Diethyl phthalate	ND		5.0	0.41	ug/L		10/22/24 09:21	10/23/24 15:57	1
Dimethyl phthalate	ND		2.0	0.52	ug/L		10/22/24 09:21	10/23/24 15:57	1
Di-n-butyl phthalate	ND		5.0	1.8	ug/L		10/22/24 09:21	10/23/24 15:57	1
Di-n-octyl phthalate	ND		2.0	0.82	ug/L		10/22/24 09:21	10/23/24 15:57	1
Fluoranthene	ND		0.20	0.16	ug/L		10/22/24 09:21	10/23/24 15:57	1
Fluorene	ND		0.20	0.079	ug/L		10/22/24 09:21	10/23/24 15:57	1
Hexachlorobenzene	ND		0.20	0.16	ug/L		10/22/24 09:21	10/23/24 15:57	1
Hexachlorobutadiene	ND		1.0	0.54	ug/L		10/22/24 09:21	10/23/24 15:57	1
Hexachlorocyclopentadiene	ND		10	1.8	ug/L		10/22/24 09:21	10/23/24 15:57	1
Hexachloroethane	ND		1.0	0.40	ug/L		10/22/24 09:21	10/23/24 15:57	1
Indeno[1,2,3-cd]pyrene	ND		0.20	0.14	ug/L		10/22/24 09:21	10/23/24 15:57	1
Isophorone	ND		1.0	0.32	ug/L		10/22/24 09:21	10/23/24 15:57	1
N-Nitrosodi-n-propylamine	ND		1.0	0.25	ug/L		10/22/24 09:21	10/23/24 15:57	1
N-Nitrosodiphenylamine	ND		1.0	0.44	ug/L		10/22/24 09:21	10/23/24 15:57	1
Naphthalene	ND		0.20	0.11	ug/L		10/22/24 09:21	10/23/24 15:57	1
Nitrobenzene	ND		1.0	0.51	ug/L		10/22/24 09:21	10/23/24 15:57	1
Pentachlorophenol	ND		10	3.1	ug/L		10/22/24 09:21	10/23/24 15:57	1
Phenanthrene	ND		0.20	0.080	ug/L		10/22/24 09:21	10/23/24 15:57	1
Phenol	ND		1.0	0.40	ug/L		10/22/24 09:21	10/23/24 15:57	1
Pyrene	ND		0.20	0.083	ug/L		10/22/24 09:21	10/23/24 15:57	1
3 & 4 Methylphenol	ND		2.0	0.19	ug/L		10/22/24 09:21	10/23/24 15:57	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Terphenyl-d14 (Surr)	*85*		*43 - 136*	*10/22/24 09:21*	*10/23/24 15:57*	*1*
Phenol-d5 (Surr)	*62*		*10 - 120*	*10/22/24 09:21*	*10/23/24 15:57*	*1*
Nitrobenzene-d5 (Surr)	*67*		*40 - 120*	*10/22/24 09:21*	*10/23/24 15:57*	*1*
2-Fluorophenol (Surr)	*68*		*10 - 127*	*10/22/24 09:21*	*10/23/24 15:57*	*1*
2-Fluorobiphenyl (Surr)	*68*		*41 - 120*	*10/22/24 09:21*	*10/23/24 15:57*	*1*
2,4,6-Tribromophenol (Surr)	*86*		*23 - 127*	*10/22/24 09:21*	*10/23/24 15:57*	*1*

Method: SW846 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aroclor-1016	ND		0.095	0.053	ug/L		10/21/24 08:46	10/22/24 11:45	1
Aroclor-1221	ND		0.095	0.054	ug/L		10/21/24 08:46	10/22/24 11:45	1
Aroclor-1232	ND		0.095	0.070	ug/L		10/21/24 08:46	10/22/24 11:45	1
Aroclor-1242	ND		0.095	0.072	ug/L		10/21/24 08:46	10/22/24 11:45	1
Aroclor-1248	ND		0.095	0.048	ug/L		10/21/24 08:46	10/22/24 11:45	1
Aroclor-1254	ND		0.095	0.038	ug/L		10/21/24 08:46	10/22/24 11:45	1
Aroclor-1260	ND		0.095	0.044	ug/L		10/21/24 08:46	10/22/24 11:45	1
Aroclor-1262	ND		0.095	0.055	ug/L		10/21/24 08:46	10/22/24 11:45	1
Aroclor-1268	ND		0.095	0.059	ug/L		10/21/24 08:46	10/22/24 11:45	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Tetrachloro-m-xylene	*48*		*10 - 149*	*10/21/24 08:46*	*10/22/24 11:45*	*1*
DCB Decachlorobiphenyl	*34*		*10 - 174*	*10/21/24 08:46*	*10/22/24 11:45*	*1*

Method: SW846 6010D - Metals (ICP) - Total Recoverable

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	**26**		15	4.1	ug/L		10/22/24 14:00	10/23/24 22:55	1

Client Sample ID: SB-8-GW-18-28
Date Collected: 10/18/24 09:55
Date Received: 10/18/24 16:00

Lab Sample ID: 240-213376-1
Matrix: Water

Method: SW846 6010D - Metals (ICP) - Total Recoverable (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Barium	**43**	**J B**	200	1.3	ug/L		10/22/24 14:00	10/23/24 22:55	1
Cadmium	ND		5.0	0.45	ug/L		10/22/24 14:00	10/23/24 22:55	1
Chromium	**3.7**	**J**	10	0.76	ug/L		10/22/24 14:00	10/23/24 22:55	1
Copper	**4.8**	**J**	25	3.5	ug/L		10/22/24 14:00	10/23/24 22:55	1
Lead	ND		10	2.8	ug/L		10/22/24 14:00	10/23/24 22:55	1
Selenium	ND		20	6.0	ug/L		10/22/24 14:00	10/23/24 22:55	1
Silver	ND		10	1.4	ug/L		10/22/24 14:00	10/23/24 22:55	1
Zinc	**25**	**J**	50	23	ug/L		10/22/24 14:00	10/23/24 22:55	1

Method: SW846 6010D - Metals (ICP) - Dissolved

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	**24**		15	4.1	ug/L		10/22/24 14:00	10/23/24 22:59	1
Barium	**34**	**J B**	200	1.3	ug/L		10/22/24 14:00	10/23/24 22:59	1
Cadmium	ND		5.0	0.45	ug/L		10/22/24 14:00	10/23/24 22:59	1
Chromium	ND		10	0.76	ug/L		10/22/24 14:00	10/23/24 22:59	1
Copper	ND		25	3.5	ug/L		10/22/24 14:00	10/23/24 22:59	1
Lead	ND		10	2.8	ug/L		10/22/24 14:00	10/23/24 22:59	1
Selenium	ND		20	6.0	ug/L		10/22/24 14:00	10/23/24 22:59	1
Silver	ND		10	1.4	ug/L		10/22/24 14:00	10/23/24 22:59	1
Zinc	ND		50	23	ug/L		10/22/24 14:00	10/23/24 22:59	1

Method: SW846 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	ND		0.20	0.13	ug/L		10/22/24 14:00	10/23/24 12:59	1

Method: SW846 7470A - Mercury (CVAA) - Dissolved

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	ND		0.20	0.13	ug/L		10/22/24 14:00	10/23/24 13:01	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chromium, hexavalent (SW846 7196A)	ND		0.020	0.0070	mg/L			10/19/24 09:53	1
Cyanide, Total (SW846 9012B)	**0.023**		0.010	0.0060	mg/L		10/29/24 12:28	10/29/24 14:33	1
Cyanide, Free (OI CORP OIA-1677)	ND		0.0060	0.0050	mg/L			10/31/24 14:46	1

General Chemistry - Dissolved

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chromium, hexavalent (SW846 7196A)	ND		0.020	0.0070	mg/L			10/19/24 09:54	1

Client: August Mack Environmental, Inc.
Project/Site: MSC Canfield

Job ID: 240-213376-1

Client Sample ID: SB-11-GW-18-28
Date Collected: 10/18/24 11:20
Date Received: 10/18/24 16:00

Lab Sample ID: 240-213376-2
Matrix: Water

Method: SW846 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		1.0	0.48	ug/L			10/29/24 11:59	1
1,1,2,2-Tetrachloroethane	ND		1.0	0.60	ug/L			10/29/24 11:59	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		1.0	0.41	ug/L			10/29/24 11:59	1
1,1,2-Trichloroethane	ND		1.0	0.48	ug/L			10/29/24 11:59	1
1,1-Dichloroethane	ND		1.0	0.47	ug/L			10/29/24 11:59	1
1,1-Dichloroethene	ND		1.0	0.49	ug/L			10/29/24 11:59	1
1,2,4-Trichlorobenzene	ND		1.0	0.77	ug/L			10/29/24 11:59	1
1,2-Dibromo-3-Chloropropane	ND		2.0	0.91	ug/L			10/29/24 11:59	1
Ethylene Dibromide	ND		1.0	0.41	ug/L			10/29/24 11:59	1
1,2-Dichlorobenzene	ND		1.0	0.48	ug/L			10/29/24 11:59	1
1,2-Dichloroethane	ND		1.0	0.46	ug/L			10/29/24 11:59	1
1,2-Dichloropropane	ND		1.0	0.47	ug/L			10/29/24 11:59	1
1,3-Dichlorobenzene	ND		1.0	0.45	ug/L			10/29/24 11:59	1
1,4-Dichlorobenzene	ND		1.0	0.41	ug/L			10/29/24 11:59	1
2-Butanone (MEK)	ND		10	1.2	ug/L			10/29/24 11:59	1
2-Hexanone	ND		10	1.1	ug/L			10/29/24 11:59	1
4-Methyl-2-pentanone (MIBK)	ND		10	0.99	ug/L			10/29/24 11:59	1
Acetone	ND		10	5.4	ug/L			10/29/24 11:59	1
Benzene	ND		1.0	0.42	ug/L			10/29/24 11:59	1
Dichlorobromomethane	ND		1.0	0.38	ug/L			10/29/24 11:59	1
Bromoform	ND		1.0	0.76	ug/L			10/29/24 11:59	1
Bromomethane	ND		1.0	0.42	ug/L			10/29/24 11:59	1
Carbon disulfide	ND		1.0	0.59	ug/L			10/29/24 11:59	1
Carbon tetrachloride	ND		1.0	0.26	ug/L			10/29/24 11:59	1
Chlorobenzene	ND		1.0	0.38	ug/L			10/29/24 11:59	1
Chloroethane	ND		1.0	0.83	ug/L			10/29/24 11:59	1
Chloroform	ND		1.0	0.47	ug/L			10/29/24 11:59	1
Chloromethane	ND		1.0	0.63	ug/L			10/29/24 11:59	1
cis-1,2-Dichloroethene	ND		1.0	0.46	ug/L			10/29/24 11:59	1
cis-1,3-Dichloropropene	ND		1.0	0.61	ug/L			10/29/24 11:59	1
Cyclohexane	ND		1.0	0.48	ug/L			10/29/24 11:59	1
Chlorodibromomethane	ND		1.0	0.39	ug/L			10/29/24 11:59	1
Dichlorodifluoromethane	ND		1.0	0.35	ug/L			10/29/24 11:59	1
Ethylbenzene	ND		1.0	0.42	ug/L			10/29/24 11:59	1
Isopropylbenzene	ND		1.0	0.49	ug/L			10/29/24 11:59	1
Methyl acetate	ND		10	1.7	ug/L			10/29/24 11:59	1
Methyl tert-butyl ether	ND		1.0	0.47	ug/L			10/29/24 11:59	1
Methylcyclohexane	ND		1.0	0.33	ug/L			10/29/24 11:59	1
Methylene Chloride	ND		5.0	2.6	ug/L			10/29/24 11:59	1
Styrene	ND		1.0	0.45	ug/L			10/29/24 11:59	1
Tetrachloroethene	ND		1.0	0.44	ug/L			10/29/24 11:59	1
Toluene	ND		1.0	0.44	ug/L			10/29/24 11:59	1
trans-1,2-Dichloroethene	ND		1.0	0.51	ug/L			10/29/24 11:59	1
trans-1,3-Dichloropropene	ND		1.0	0.67	ug/L			10/29/24 11:59	1
Trichloroethene	ND		1.0	0.44	ug/L			10/29/24 11:59	1
Trichlorofluoromethane	ND		1.0	0.45	ug/L			10/29/24 11:59	1
Vinyl chloride	ND		1.0	0.45	ug/L			10/29/24 11:59	1
Xylenes, Total	ND		2.0	0.42	ug/L			10/29/24 11:59	1

Client: August Mack Environmental, Inc.
Project/Site: MSC Canfield

Job ID: 240-213376-1

Client Sample ID: SB-11-GW-18-28
Date Collected: 10/18/24 11:20
Date Received: 10/18/24 16:00

Lab Sample ID: 240-213376-2
Matrix: Water

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
Toluene-d8 (Surr)	*93*		*78 - 122*		*10/29/24 11:59*	*1*
Dibromofluoromethane (Surr)	*99*		*73 - 120*		*10/29/24 11:59*	*1*
4-Bromofluorobenzene (Surr)	*82*		*56 - 136*		*10/29/24 11:59*	*1*
1,2-Dichloroethane-d4 (Surr)	*123*		*62 - 137*		*10/29/24 11:59*	*1*

Method: SW846 8270E - Semivolatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1'-Biphenyl	ND		0.96	0.47	ug/L		10/22/24 09:21	10/23/24 16:20	1
bis (2-chloroisopropyl) ether	ND		0.96	0.23	ug/L		10/22/24 09:21	10/23/24 16:20	1
2,4,5-Trichlorophenol	ND		4.8	1.9	ug/L		10/22/24 09:21	10/23/24 16:20	1
2,4,6-Trichlorophenol	ND		4.8	1.7	ug/L		10/22/24 09:21	10/23/24 16:20	1
2,4-Dichlorophenol	ND		1.9	0.25	ug/L		10/22/24 09:21	10/23/24 16:20	1
2,4-Dimethylphenol	ND		1.9	0.24	ug/L		10/22/24 09:21	10/23/24 16:20	1
2,4-Dinitrophenol	ND		9.6	2.5	ug/L		10/22/24 09:21	10/23/24 16:20	1
2,4-Dinitrotoluene	ND		4.8	2.0	ug/L		10/22/24 09:21	10/23/24 16:20	1
2,6-Dinitrotoluene	ND		4.8	1.0	ug/L		10/22/24 09:21	10/23/24 16:20	1
2-Chloronaphthalene	ND		0.96	0.22	ug/L		10/22/24 09:21	10/23/24 16:20	1
2-Chlorophenol	ND		0.96	0.26	ug/L		10/22/24 09:21	10/23/24 16:20	1
2-Methylnaphthalene	ND		0.19	0.11	ug/L		10/22/24 09:21	10/23/24 16:20	1
2-Methylphenol	ND		0.96	0.20	ug/L		10/22/24 09:21	10/23/24 16:20	1
2-Nitroaniline	ND		1.9	0.49	ug/L		10/22/24 09:21	10/23/24 16:20	1
2-Nitrophenol	ND		1.9	0.54	ug/L		10/22/24 09:21	10/23/24 16:20	1
3,3'-Dichlorobenzidine	ND		4.8	1.1	ug/L		10/22/24 09:21	10/23/24 16:20	1
3-Nitroaniline	ND		1.9	0.54	ug/L		10/22/24 09:21	10/23/24 16:20	1
4,6-Dinitro-2-methylphenol	ND		4.8	2.7	ug/L		10/22/24 09:21	10/23/24 16:20	1
4-Bromophenyl phenyl ether	ND		1.9	0.48	ug/L		10/22/24 09:21	10/23/24 16:20	1
4-Chloro-3-methylphenol	ND		1.9	0.28	ug/L		10/22/24 09:21	10/23/24 16:20	1
4-Chloroaniline	ND		1.9	0.30	ug/L		10/22/24 09:21	10/23/24 16:20	1
4-Chlorophenyl phenyl ether	ND		1.9	0.53	ug/L		10/22/24 09:21	10/23/24 16:20	1
4-Nitroaniline	ND		1.9	0.31	ug/L		10/22/24 09:21	10/23/24 16:20	1
4-Nitrophenol	ND		9.6	2.1	ug/L		10/22/24 09:21	10/23/24 16:20	1
Acenaphthene	ND		0.19	0.17	ug/L		10/22/24 09:21	10/23/24 16:20	1
Acenaphthylene	ND		0.19	0.12	ug/L		10/22/24 09:21	10/23/24 16:20	1
Acetophenone	ND		0.96	0.35	ug/L		10/22/24 09:21	10/23/24 16:20	1
Anthracene	ND		0.19	0.13	ug/L		10/22/24 09:21	10/23/24 16:20	1
Atrazine	ND		1.9	0.92	ug/L		10/22/24 09:21	10/23/24 16:20	1
Benzaldehyde	ND		1.9	0.73	ug/L		10/22/24 09:21	10/23/24 16:20	1
Benzo[a]anthracene	ND		0.19	0.065	ug/L		10/22/24 09:21	10/23/24 16:20	1
Benzo[a]pyrene	ND		0.19	0.17	ug/L		10/22/24 09:21	10/23/24 16:20	1
Benzo[b]fluoranthene	ND		0.19	0.15	ug/L		10/22/24 09:21	10/23/24 16:20	1
Benzo[g,h,i]perylene	ND		0.19	0.17	ug/L		10/22/24 09:21	10/23/24 16:20	1
Benzo[k]fluoranthene	ND		0.19	0.13	ug/L		10/22/24 09:21	10/23/24 16:20	1
Bis(2-chloroethoxy)methane	ND		0.96	0.21	ug/L		10/22/24 09:21	10/23/24 16:20	1
Bis(2-chloroethyl)ether	ND		0.96	0.39	ug/L		10/22/24 09:21	10/23/24 16:20	1
Bis(2-ethylhexyl) phthalate	ND		4.8	2.1	ug/L		10/22/24 09:21	10/23/24 16:20	1
Butyl benzyl phthalate	ND		1.9	0.64	ug/L		10/22/24 09:21	10/23/24 16:20	1
Caprolactam	ND		4.8	3.7	ug/L		10/22/24 09:21	10/23/24 16:20	1
Carbazole	ND		0.96	0.47	ug/L		10/22/24 09:21	10/23/24 16:20	1
Chrysene	ND		0.19	0.063	ug/L		10/22/24 09:21	10/23/24 16:20	1
Dibenz(a,h)anthracene	ND		0.19	0.15	ug/L		10/22/24 09:21	10/23/24 16:20	1

Client Sample ID: SB-11-GW-18-28
Date Collected: 10/18/24 11:20
Date Received: 10/18/24 16:00

Lab Sample ID: 240-213376-2
Matrix: Water

Method: SW846 8270E - Semivolatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Dibenzofuran	ND		0.96	0.26	ug/L		10/22/24 09:21	10/23/24 16:20	1
Diethyl phthalate	ND		4.8	0.39	ug/L		10/22/24 09:21	10/23/24 16:20	1
Dimethyl phthalate	ND		1.9	0.50	ug/L		10/22/24 09:21	10/23/24 16:20	1
Di-n-butyl phthalate	ND		4.8	1.7	ug/L		10/22/24 09:21	10/23/24 16:20	1
Di-n-octyl phthalate	ND		1.9	0.79	ug/L		10/22/24 09:21	10/23/24 16:20	1
Fluoranthene	ND		0.19	0.15	ug/L		10/22/24 09:21	10/23/24 16:20	1
Fluorene	ND		0.19	0.076	ug/L		10/22/24 09:21	10/23/24 16:20	1
Hexachlorobenzene	ND		0.19	0.15	ug/L		10/22/24 09:21	10/23/24 16:20	1
Hexachlorobutadiene	ND		0.96	0.52	ug/L		10/22/24 09:21	10/23/24 16:20	1
Hexachlorocyclopentadiene	ND		9.6	1.7	ug/L		10/22/24 09:21	10/23/24 16:20	1
Hexachloroethane	ND		0.96	0.38	ug/L		10/22/24 09:21	10/23/24 16:20	1
Indeno[1,2,3-cd]pyrene	ND		0.19	0.13	ug/L		10/22/24 09:21	10/23/24 16:20	1
Isophorone	ND		0.96	0.31	ug/L		10/22/24 09:21	10/23/24 16:20	1
N-Nitrosodi-n-propylamine	ND		0.96	0.24	ug/L		10/22/24 09:21	10/23/24 16:20	1
N-Nitrosodiphenylamine	ND		0.96	0.42	ug/L		10/22/24 09:21	10/23/24 16:20	1
Naphthalene	ND		0.19	0.10	ug/L		10/22/24 09:21	10/23/24 16:20	1
Nitrobenzene	ND		0.96	0.49	ug/L		10/22/24 09:21	10/23/24 16:20	1
Pentachlorophenol	ND		9.6	3.0	ug/L		10/22/24 09:21	10/23/24 16:20	1
Phenanthrene	ND		0.19	0.077	ug/L		10/22/24 09:21	10/23/24 16:20	1
Phenol	ND		0.96	0.39	ug/L		10/22/24 09:21	10/23/24 16:20	1
Pyrene	ND		0.19	0.080	ug/L		10/22/24 09:21	10/23/24 16:20	1
3 & 4 Methylphenol	ND		1.9	0.18	ug/L		10/22/24 09:21	10/23/24 16:20	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Terphenyl-d14 (Surr)	*61*		*43 - 136*	*10/22/24 09:21*	*10/23/24 16:20*	*1*
Phenol-d5 (Surr)	*53*		*10 - 120*	*10/22/24 09:21*	*10/23/24 16:20*	*1*
Nitrobenzene-d5 (Surr)	*57*		*40 - 120*	*10/22/24 09:21*	*10/23/24 16:20*	*1*
2-Fluorophenol (Surr)	*51*		*10 - 127*	*10/22/24 09:21*	*10/23/24 16:20*	*1*
2-Fluorobiphenyl (Surr)	*61*		*41 - 120*	*10/22/24 09:21*	*10/23/24 16:20*	*1*
2,4,6-Tribromophenol (Surr)	*81*		*23 - 127*	*10/22/24 09:21*	*10/23/24 16:20*	*1*

Method: SW846 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aroclor-1016	ND		0.098	0.055	ug/L		10/21/24 08:46	10/22/24 11:59	1
Aroclor-1221	ND		0.098	0.056	ug/L		10/21/24 08:46	10/22/24 11:59	1
Aroclor-1232	ND		0.098	0.073	ug/L		10/21/24 08:46	10/22/24 11:59	1
Aroclor-1242	ND		0.098	0.075	ug/L		10/21/24 08:46	10/22/24 11:59	1
Aroclor-1248	ND		0.098	0.049	ug/L		10/21/24 08:46	10/22/24 11:59	1
Aroclor-1254	ND		0.098	0.039	ug/L		10/21/24 08:46	10/22/24 11:59	1
Aroclor-1260	ND		0.098	0.045	ug/L		10/21/24 08:46	10/22/24 11:59	1
Aroclor-1262	ND		0.098	0.057	ug/L		10/21/24 08:46	10/22/24 11:59	1
Aroclor-1268	ND		0.098	0.061	ug/L		10/21/24 08:46	10/22/24 11:59	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Tetrachloro-m-xylene	*48*		*10 - 149*	*10/21/24 08:46*	*10/22/24 11:59*	*1*
DCB Decachlorobiphenyl	*20*		*10 - 174*	*10/21/24 08:46*	*10/22/24 11:59*	*1*

Method: SW846 6010D - Metals (ICP) - Total Recoverable

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	**180**		15	4.1	ug/L		10/22/24 14:00	10/23/24 23:04	1

Client: August Mack Environmental, Inc.
Project/Site: MSC Canfield

Job ID: 240-213376-1

Client Sample ID: SB-11-GW-18-28
Date Collected: 10/18/24 11:20
Date Received: 10/18/24 16:00

Lab Sample ID: 240-213376-2
Matrix: Water

Method: SW846 6010D - Metals (ICP) - Total Recoverable (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Barium	610	B	200	1.3	ug/L		10/22/24 14:00	10/23/24 23:04	1
Cadmium	1.5	J	5.0	0.45	ug/L		10/22/24 14:00	10/23/24 23:04	1
Chromium	180		10	0.76	ug/L		10/22/24 14:00	10/23/24 23:04	1
Copper	230		25	3.5	ug/L		10/22/24 14:00	10/23/24 23:04	1
Lead	120		10	2.8	ug/L		10/22/24 14:00	10/23/24 23:04	1
Selenium	7.9	J	20	6.0	ug/L		10/22/24 14:00	10/23/24 23:04	1
Silver	ND		10	1.4	ug/L		10/22/24 14:00	10/23/24 23:04	1
Zinc	900		50	23	ug/L		10/22/24 14:00	10/23/24 23:04	1

Method: SW846 6010D - Metals (ICP) - Dissolved

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	7.5	J	15	4.1	ug/L		10/22/24 14:00	10/23/24 23:08	1
Barium	85	J B	200	1.3	ug/L		10/22/24 14:00	10/23/24 23:08	1
Cadmium	ND		5.0	0.45	ug/L		10/22/24 14:00	10/23/24 23:08	1
Chromium	6.1	J	10	0.76	ug/L		10/22/24 14:00	10/23/24 23:08	1
Copper	6.4	J	25	3.5	ug/L		10/22/24 14:00	10/23/24 23:08	1
Lead	4.2	J	10	2.8	ug/L		10/22/24 14:00	10/23/24 23:08	1
Selenium	ND		20	6.0	ug/L		10/22/24 14:00	10/23/24 23:08	1
Silver	ND		10	1.4	ug/L		10/22/24 14:00	10/23/24 23:08	1
Zinc	29	J	50	23	ug/L		10/22/24 14:00	10/23/24 23:08	1

Method: SW846 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.14	J	0.20	0.13	ug/L		10/22/24 14:00	10/23/24 13:03	1

Method: SW846 7470A - Mercury (CVAA) - Dissolved

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	ND		0.20	0.13	ug/L		10/22/24 14:00	10/23/24 13:05	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chromium, hexavalent (SW846 7196A)	0.072	J	0.20	0.070	mg/L			10/19/24 09:55	10
Cyanide, Total (SW846 9012B)	0.099		0.010	0.0060	mg/L		10/29/24 12:28	10/29/24 14:34	1
Cyanide, Free (OI CORP OIA-1677)	ND		0.0060	0.0050	mg/L			10/31/24 14:54	1

General Chemistry - Dissolved

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chromium, hexavalent (SW846 7196A)	ND		0.20	0.070	mg/L			10/19/24 09:55	10

Client: August Mack Environmental, Inc.
Project/Site: MSC Canfield

Job ID: 240-213376-1

Client Sample ID: SB-9-GW-24-34
Date Collected: 10/18/24 13:40
Date Received: 10/18/24 16:00

Lab Sample ID: 240-213376-3
Matrix: Water

Method: SW846 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		10	4.8	ug/L			10/31/24 14:02	10
1,1,2,2-Tetrachloroethane	ND		10	6.0	ug/L			10/31/24 14:02	10
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		10	4.1	ug/L			10/31/24 14:02	10
1,1,2-Trichloroethane	ND		10	4.8	ug/L			10/31/24 14:02	10
1,1-Dichloroethane	ND		10	4.7	ug/L			10/31/24 14:02	10
1,1-Dichloroethene	ND		10	4.9	ug/L			10/31/24 14:02	10
1,2,4-Trichlorobenzene	ND		10	7.7	ug/L			10/31/24 14:02	10
1,2-Dibromo-3-Chloropropane	ND		20	9.1	ug/L			10/31/24 14:02	10
Ethylene Dibromide	ND		10	4.1	ug/L			10/31/24 14:02	10
1,2-Dichlorobenzene	ND		10	4.8	ug/L			10/31/24 14:02	10
1,2-Dichloroethane	ND		10	4.6	ug/L			10/31/24 14:02	10
1,2-Dichloropropane	ND		10	4.7	ug/L			10/31/24 14:02	10
1,3-Dichlorobenzene	ND		10	4.5	ug/L			10/31/24 14:02	10
1,4-Dichlorobenzene	ND		10	4.1	ug/L			10/31/24 14:02	10
2-Butanone (MEK)	**28**	**J B**	100	12	ug/L			10/31/24 14:02	10
2-Hexanone	ND		100	11	ug/L			10/31/24 14:02	10
4-Methyl-2-pentanone (MIBK)	ND		100	9.9	ug/L			10/31/24 14:02	10
Acetone	ND		100	54	ug/L			10/31/24 14:02	10
Benzene	ND		10	4.2	ug/L			10/31/24 14:02	10
Dichlorobromomethane	ND		10	3.8	ug/L			10/31/24 14:02	10
Bromoform	ND		10	7.6	ug/L			10/31/24 14:02	10
Bromomethane	ND		10	4.2	ug/L			10/31/24 14:02	10
Carbon disulfide	ND		10	5.9	ug/L			10/31/24 14:02	10
Carbon tetrachloride	ND		10	2.6	ug/L			10/31/24 14:02	10
Chlorobenzene	ND		10	3.8	ug/L			10/31/24 14:02	10
Chloroethane	ND		10	8.3	ug/L			10/31/24 14:02	10
Chloroform	ND		10	4.7	ug/L			10/31/24 14:02	10
Chloromethane	ND		10	6.3	ug/L			10/31/24 14:02	10
cis-1,2-Dichloroethene	**17**		10	4.6	ug/L			10/31/24 14:02	10
cis-1,3-Dichloropropene	ND		10	6.1	ug/L			10/31/24 14:02	10
Cyclohexane	ND		10	4.8	ug/L			10/31/24 14:02	10
Chlorodibromomethane	ND		10	3.9	ug/L			10/31/24 14:02	10
Dichlorodifluoromethane	ND		10	3.5	ug/L			10/31/24 14:02	10
Ethylbenzene	ND		10	4.2	ug/L			10/31/24 14:02	10
Isopropylbenzene	ND		10	4.9	ug/L			10/31/24 14:02	10
Methyl acetate	ND		100	17	ug/L			10/31/24 14:02	10
Methyl tert-butyl ether	ND		10	4.7	ug/L			10/31/24 14:02	10
Methylcyclohexane	ND		10	3.3	ug/L			10/31/24 14:02	10
Methylene Chloride	ND		50	26	ug/L			10/31/24 14:02	10
Styrene	ND		10	4.5	ug/L			10/31/24 14:02	10
Tetrachloroethene	ND		10	4.4	ug/L			10/31/24 14:02	10
Toluene	ND		10	4.4	ug/L			10/31/24 14:02	10
trans-1,2-Dichloroethene	ND		10	5.1	ug/L			10/31/24 14:02	10
trans-1,3-Dichloropropene	ND		10	6.7	ug/L			10/31/24 14:02	10
Trichloroethene	**1100**		10	4.4	ug/L			10/31/24 14:02	10
Trichlorofluoromethane	ND		10	4.5	ug/L			10/31/24 14:02	10
Vinyl chloride	ND		10	4.5	ug/L			10/31/24 14:02	10
Xylenes, Total	ND		20	4.2	ug/L			10/31/24 14:02	10

Client: August Mack Environmental, Inc.
Project/Site: MSC Canfield

Job ID: 240-213376-1

Client Sample ID: SB-9-GW-24-34

Date Collected: 10/18/24 13:40
Date Received: 10/18/24 16:00

Lab Sample ID: 240-213376-3

Matrix: Water

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Toluene-d8 (Surr)	*94*		*78 - 122*		*10/31/24 14:02*	*10*
Dibromofluoromethane (Surr)	*111*		*73 - 120*		*10/31/24 14:02*	*10*
4-Bromofluorobenzene (Surr)	*83*		*56 - 136*		*10/31/24 14:02*	*10*
1,2-Dichloroethane-d4 (Surr)	*116*		*62 - 137*		*10/31/24 14:02*	*10*

Method: SW846 6010D - Metals (ICP) - Total Recoverable

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	**10**	**J**	15	4.1	ug/L		10/22/24 14:00	10/23/24 23:12	1
Barium	**78**	**J B**	200	1.3	ug/L		10/22/24 14:00	10/23/24 23:12	1
Cadmium	ND		5.0	0.45	ug/L		10/22/24 14:00	10/23/24 23:12	1
Chromium	**12**		10	0.76	ug/L		10/22/24 14:00	10/23/24 23:12	1
Copper	**11**	**J**	25	3.5	ug/L		10/22/24 14:00	10/23/24 23:12	1
Lead	**4.9**	**J**	10	2.8	ug/L		10/22/24 14:00	10/23/24 23:12	1
Selenium	ND		20	6.0	ug/L		10/22/24 14:00	10/23/24 23:12	1
Silver	ND		10	1.4	ug/L		10/22/24 14:00	10/23/24 23:12	1
Zinc	**46**	**J**	50	23	ug/L		10/22/24 14:00	10/23/24 23:12	1

Method: SW846 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	ND		0.20	0.13	ug/L		10/22/24 14:00	10/23/24 13:10	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chromium, hexavalent (SW846 7196A)	ND		0.20	0.070	mg/L			10/19/24 09:56	10
Cyanide, Total (SW846 9012B)	**0.0096**	**J**	0.010	0.0060	mg/L		10/29/24 12:28	10/29/24 14:48	1
Cyanide, Free (OI CORP OIA-1677)	ND		0.0060	0.0050	mg/L			10/31/24 14:56	1

Client: August Mack Environmental, Inc.
Project/Site: MSC Canfield

Job ID: 240-213376-1

Client Sample ID: TB-12
Date Collected: 10/18/24 00:00
Date Received: 10/18/24 16:00

Lab Sample ID: 240-213376-4
Matrix: Water

Method: SW846 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		1.0	0.48	ug/L			10/29/24 10:31	1
1,1,2,2-Tetrachloroethane	ND		1.0	0.60	ug/L			10/29/24 10:31	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		1.0	0.41	ug/L			10/29/24 10:31	1
1,1,2-Trichloroethane	ND		1.0	0.48	ug/L			10/29/24 10:31	1
1,1-Dichloroethane	ND		1.0	0.47	ug/L			10/29/24 10:31	1
1,1-Dichloroethene	ND		1.0	0.49	ug/L			10/29/24 10:31	1
1,2,4-Trichlorobenzene	ND		1.0	0.77	ug/L			10/29/24 10:31	1
1,2-Dibromo-3-Chloropropane	ND		2.0	0.91	ug/L			10/29/24 10:31	1
Ethylene Dibromide	ND		1.0	0.41	ug/L			10/29/24 10:31	1
1,2-Dichlorobenzene	ND		1.0	0.48	ug/L			10/29/24 10:31	1
1,2-Dichloroethane	ND		1.0	0.46	ug/L			10/29/24 10:31	1
1,2-Dichloropropane	ND		1.0	0.47	ug/L			10/29/24 10:31	1
1,3-Dichlorobenzene	ND		1.0	0.45	ug/L			10/29/24 10:31	1
1,4-Dichlorobenzene	ND		1.0	0.41	ug/L			10/29/24 10:31	1
2-Butanone (MEK)	ND		10	1.2	ug/L			10/29/24 10:31	1
2-Hexanone	ND		10	1.1	ug/L			10/29/24 10:31	1
4-Methyl-2-pentanone (MIBK)	ND		10	0.99	ug/L			10/29/24 10:31	1
Acetone	ND		10	5.4	ug/L			10/29/24 10:31	1
Benzene	ND		1.0	0.42	ug/L			10/29/24 10:31	1
Dichlorobromomethane	ND		1.0	0.38	ug/L			10/29/24 10:31	1
Bromoform	ND		1.0	0.76	ug/L			10/29/24 10:31	1
Bromomethane	ND		1.0	0.42	ug/L			10/29/24 10:31	1
Carbon disulfide	ND		1.0	0.59	ug/L			10/29/24 10:31	1
Carbon tetrachloride	ND		1.0	0.26	ug/L			10/29/24 10:31	1
Chlorobenzene	ND		1.0	0.38	ug/L			10/29/24 10:31	1
Chloroethane	ND		1.0	0.83	ug/L			10/29/24 10:31	1
Chloroform	ND		1.0	0.47	ug/L			10/29/24 10:31	1
Chloromethane	ND		1.0	0.63	ug/L			10/29/24 10:31	1
cis-1,2-Dichloroethene	ND		1.0	0.46	ug/L			10/29/24 10:31	1
cis-1,3-Dichloropropene	ND		1.0	0.61	ug/L			10/29/24 10:31	1
Cyclohexane	ND		1.0	0.48	ug/L			10/29/24 10:31	1
Chlorodibromomethane	ND		1.0	0.39	ug/L			10/29/24 10:31	1
Dichlorodifluoromethane	ND		1.0	0.35	ug/L			10/29/24 10:31	1
Ethylbenzene	ND		1.0	0.42	ug/L			10/29/24 10:31	1
Isopropylbenzene	ND		1.0	0.49	ug/L			10/29/24 10:31	1
Methyl acetate	ND		10	1.7	ug/L			10/29/24 10:31	1
Methyl tert-butyl ether	ND		1.0	0.47	ug/L			10/29/24 10:31	1
Methylcyclohexane	ND		1.0	0.33	ug/L			10/29/24 10:31	1
Methylene Chloride	ND		5.0	2.6	ug/L			10/29/24 10:31	1
Styrene	ND		1.0	0.45	ug/L			10/29/24 10:31	1
Tetrachloroethene	ND		1.0	0.44	ug/L			10/29/24 10:31	1
Toluene	ND		1.0	0.44	ug/L			10/29/24 10:31	1
trans-1,2-Dichloroethene	ND		1.0	0.51	ug/L			10/29/24 10:31	1
trans-1,3-Dichloropropene	ND		1.0	0.67	ug/L			10/29/24 10:31	1
Trichloroethene	ND		1.0	0.44	ug/L			10/29/24 10:31	1
Trichlorofluoromethane	ND		1.0	0.45	ug/L			10/29/24 10:31	1
Vinyl chloride	ND		1.0	0.45	ug/L			10/29/24 10:31	1
Xylenes, Total	ND		2.0	0.42	ug/L			10/29/24 10:31	1

Client: August Mack Environmental, Inc.
Project/Site: MSC Canfield

Job ID: 240-213376-1

Client Sample ID: TB-12
Date Collected: 10/18/24 00:00
Date Received: 10/18/24 16:00

Lab Sample ID: 240-213376-4
Matrix: Water

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
Toluene-d8 (Surr)	99		78 - 122		10/29/24 10:31	1
Dibromofluoromethane (Surr)	104		73 - 120		10/29/24 10:31	1
4-Bromofluorobenzene (Surr)	88		56 - 136		10/29/24 10:31	1
1,2-Dichloroethane-d4 (Surr)	124		62 - 137		10/29/24 10:31	1

Surrogate Summary

Client: August Mack Environmental, Inc.
Project/Site: MSC Canfield

Job ID: 240-213376-1

Method: 8260D - Volatile Organic Compounds by GC/MS

Matrix: Water

Prep Type: Total/NA

		Percent Surrogate Recovery (Acceptance Limits)			
		TOL	DBFM	BFB	DCA
Lab Sample ID	Client Sample ID	(78-122)	(73-120)	(56-136)	(62-137)
240-213376-1	SB-8-GW-18-28	93	111	82	116
240-213376-2	SB-11-GW-18-28	93	99	82	123
240-213376-3	SB-9-GW-24-34	94	111	83	116
240-213376-4	TB-12	99	104	88	124
LCS 240-632826/5	Lab Control Sample	94	92	98	101
LCS 240-633351/4	Lab Control Sample	96	92	93	96
MB 240-632826/9	Method Blank	92	96	81	114
MB 240-633351/7	Method Blank	92	108	81	111

Surrogate Legend

TOL = Toluene-d8 (Surr)
DBFM = Dibromofluoromethane (Surr)
BFB = 4-Bromofluorobenzene (Surr)
DCA = 1,2-Dichloroethane-d4 (Surr)

Method: 8270E - Semivolatile Organic Compounds (GC/MS)

Matrix: Water

Prep Type: Total/NA

		Percent Surrogate Recovery (Acceptance Limits)					
		TPHL	PHL	NBZ	2FP	FBP	TBP
Lab Sample ID	Client Sample ID	(43-136)	(10-120)	(40-120)	(10-127)	(41-120)	(23-127)
240-213376-1	SB-8-GW-18-28	85	62	67	68	68	86
240-213376-2	SB-11-GW-18-28	61	53	57	51	61	81
LCS 240-631841/24-A	Lab Control Sample	81	62	69	100	70	87
MB 240-631841/23-A	Method Blank	73	53	57	48	60	72

Surrogate Legend

TPHL = Terphenyl-d14 (Surr)
PHL = Phenol-d5 (Surr)
NBZ = Nitrobenzene-d5 (Surr)
2FP = 2-Fluorophenol (Surr)
FBP = 2-Fluorobiphenyl (Surr)
TBP = 2,4,6-Tribromophenol (Surr)

Method: 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Matrix: Water

Prep Type: Total/NA

		Percent Surrogate Recovery (Acceptance Limits)	
		TCX2	DCBP2
Lab Sample ID	Client Sample ID	(10-149)	(10-174)
240-213376-1	SB-8-GW-18-28	48	34
240-213376-2	SB-11-GW-18-28	48	20
LCS 240-631616/2-A	Lab Control Sample	56	58
MB 240-631616/1-A	Method Blank	64	56

Surrogate Legend

TCX = Tetrachloro-m-xylene
DCBP = DCB Decachlorobiphenyl

Method: 8260D - Volatile Organic Compounds by GC/MS

Lab Sample ID: MB 240-632826/9
Matrix: Water
Analysis Batch: 632826

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		1.0	0.48	ug/L			10/29/24 09:47	1
1,1,2,2-Tetrachloroethane	ND		1.0	0.60	ug/L			10/29/24 09:47	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		1.0	0.41	ug/L			10/29/24 09:47	1
1,1,2-Trichloroethane	ND		1.0	0.48	ug/L			10/29/24 09:47	1
1,1-Dichloroethane	ND		1.0	0.47	ug/L			10/29/24 09:47	1
1,1-Dichloroethene	ND		1.0	0.49	ug/L			10/29/24 09:47	1
1,2,4-Trichlorobenzene	ND		1.0	0.77	ug/L			10/29/24 09:47	1
1,2-Dibromo-3-Chloropropane	ND		2.0	0.91	ug/L			10/29/24 09:47	1
Ethylene Dibromide	ND		1.0	0.41	ug/L			10/29/24 09:47	1
1,2-Dichlorobenzene	ND		1.0	0.48	ug/L			10/29/24 09:47	1
1,2-Dichloroethane	ND		1.0	0.46	ug/L			10/29/24 09:47	1
1,2-Dichloropropane	ND		1.0	0.47	ug/L			10/29/24 09:47	1
1,3-Dichlorobenzene	ND		1.0	0.45	ug/L			10/29/24 09:47	1
1,4-Dichlorobenzene	ND		1.0	0.41	ug/L			10/29/24 09:47	1
2-Butanone (MEK)	ND		10	1.2	ug/L			10/29/24 09:47	1
2-Hexanone	ND		10	1.1	ug/L			10/29/24 09:47	1
4-Methyl-2-pentanone (MIBK)	ND		10	0.99	ug/L			10/29/24 09:47	1
Acetone	ND		10	5.4	ug/L			10/29/24 09:47	1
Benzene	ND		1.0	0.42	ug/L			10/29/24 09:47	1
Dichlorobromomethane	ND		1.0	0.38	ug/L			10/29/24 09:47	1
Bromoform	ND		1.0	0.76	ug/L			10/29/24 09:47	1
Bromomethane	ND		1.0	0.42	ug/L			10/29/24 09:47	1
Carbon disulfide	ND		1.0	0.59	ug/L			10/29/24 09:47	1
Carbon tetrachloride	ND		1.0	0.26	ug/L			10/29/24 09:47	1
Chlorobenzene	ND		1.0	0.38	ug/L			10/29/24 09:47	1
Chloroethane	ND		1.0	0.83	ug/L			10/29/24 09:47	1
Chloroform	ND		1.0	0.47	ug/L			10/29/24 09:47	1
Chloromethane	ND		1.0	0.63	ug/L			10/29/24 09:47	1
cis-1,2-Dichloroethene	ND		1.0	0.46	ug/L			10/29/24 09:47	1
cis-1,3-Dichloropropene	ND		1.0	0.61	ug/L			10/29/24 09:47	1
Cyclohexane	ND		1.0	0.48	ug/L			10/29/24 09:47	1
Chlorodibromomethane	ND		1.0	0.39	ug/L			10/29/24 09:47	1
Dichlorodifluoromethane	ND		1.0	0.35	ug/L			10/29/24 09:47	1
Ethylbenzene	ND		1.0	0.42	ug/L			10/29/24 09:47	1
Isopropylbenzene	ND		1.0	0.49	ug/L			10/29/24 09:47	1
Methyl acetate	ND		10	1.7	ug/L			10/29/24 09:47	1
Methyl tert-butyl ether	ND		1.0	0.47	ug/L			10/29/24 09:47	1
Methylcyclohexane	ND		1.0	0.33	ug/L			10/29/24 09:47	1
Methylene Chloride	ND		5.0	2.6	ug/L			10/29/24 09:47	1
Styrene	ND		1.0	0.45	ug/L			10/29/24 09:47	1
Tetrachloroethene	ND		1.0	0.44	ug/L			10/29/24 09:47	1
Toluene	ND		1.0	0.44	ug/L			10/29/24 09:47	1
trans-1,2-Dichloroethene	ND		1.0	0.51	ug/L			10/29/24 09:47	1
trans-1,3-Dichloropropene	ND		1.0	0.67	ug/L			10/29/24 09:47	1
Trichloroethene	ND		1.0	0.44	ug/L			10/29/24 09:47	1
Trichlorofluoromethane	ND		1.0	0.45	ug/L			10/29/24 09:47	1
Vinyl chloride	ND		1.0	0.45	ug/L			10/29/24 09:47	1
Xylenes, Total	ND		2.0	0.42	ug/L			10/29/24 09:47	1

Method: 8260D - Volatile Organic Compounds by GC/MS (Continued)

Lab Sample ID: MB 240-632826/9
Matrix: Water
Analysis Batch: 632826

Client Sample ID: Method Blank
Prep Type: Total/NA

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
Toluene-d8 (Surr)	*92*		*78 - 122*		*10/29/24 09:47*	*1*
Dibromofluoromethane (Surr)	*96*		*73 - 120*		*10/29/24 09:47*	*1*
4-Bromofluorobenzene (Surr)	*81*		*56 - 136*		*10/29/24 09:47*	*1*
1,2-Dichloroethane-d4 (Surr)	*114*		*62 - 137*		*10/29/24 09:47*	*1*

Lab Sample ID: LCS 240-632826/5
Matrix: Water
Analysis Batch: 632826

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
1,1,1-Trichloroethane	25.0	24.3		ug/L		97	64 - 131
1,1,2,2-Tetrachloroethane	25.0	23.2		ug/L		93	58 - 157
1,1,2-Trichloro-1,2,2-trifluoroethane	25.0	22.8		ug/L		91	51 - 146
1,1,2-Trichloroethane	25.0	22.6		ug/L		91	70 - 138
1,1-Dichloroethane	25.0	22.5		ug/L		90	72 - 127
1,1-Dichloroethene	25.0	22.3		ug/L		89	63 - 134
1,2,4-Trichlorobenzene	25.0	20.3		ug/L		81	44 - 147
1,2-Dibromo-3-Chloropropane	25.0	16.6		ug/L		66	53 - 135
Ethylene Dibromide	25.0	21.9		ug/L		87	71 - 134
1,2-Dichlorobenzene	25.0	22.5		ug/L		90	78 - 120
1,2-Dichloroethane	25.0	26.0		ug/L		104	66 - 128
1,2-Dichloropropane	25.0	24.2		ug/L		97	75 - 133
1,3-Dichlorobenzene	25.0	22.7		ug/L		91	80 - 120
1,4-Dichlorobenzene	25.0	22.5		ug/L		90	80 - 120
2-Butanone (MEK)	50.0	45.4		ug/L		91	54 - 156
2-Hexanone	50.0	54.2		ug/L		108	43 - 167
4-Methyl-2-pentanone (MIBK)	50.0	54.9		ug/L		110	46 - 158
Acetone	50.0	46.3		ug/L		93	50 - 149
Benzene	25.0	23.5		ug/L		94	77 - 123
Dichlorobromomethane	25.0	21.4		ug/L		86	69 - 126
Bromoform	25.0	17.9		ug/L		72	57 - 129
Bromomethane	12.5	13.1		ug/L		105	36 - 142
Carbon disulfide	25.0	22.1		ug/L		89	43 - 140
Carbon tetrachloride	25.0	23.9		ug/L		96	55 - 137
Chlorobenzene	25.0	22.6		ug/L		90	80 - 121
Chloroethane	12.5	18.5		ug/L		148	38 - 152
Chloroform	25.0	22.7		ug/L		91	74 - 122
Chloromethane	12.5	13.5		ug/L		108	47 - 143
cis-1,2-Dichloroethene	25.0	22.3		ug/L		89	77 - 123
cis-1,3-Dichloropropene	25.0	24.0		ug/L		96	64 - 130
Cyclohexane	25.0	25.9		ug/L		104	58 - 146
Chlorodibromomethane	25.0	19.3		ug/L		77	70 - 124
Dichlorodifluoromethane	12.5	9.62		ug/L		77	34 - 153
Ethylbenzene	25.0	25.5		ug/L		102	80 - 121
Isopropylbenzene	25.0	30.9		ug/L		124	74 - 128
Methyl acetate	50.0	44.6		ug/L		89	42 - 169
Methyl tert-butyl ether	25.0	25.4		ug/L		102	65 - 126
Methylcyclohexane	25.0	26.7		ug/L		107	62 - 136

Method: 8260D - Volatile Organic Compounds by GC/MS (Continued)

Lab Sample ID: LCS 240-632826/5
Matrix: Water
Analysis Batch: 632826

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Methylene Chloride	25.0	23.9		ug/L		96	71 - 125
Styrene	25.0	26.1		ug/L		105	80 - 135
Tetrachloroethene	25.0	23.2		ug/L		93	76 - 123
Toluene	25.0	23.2		ug/L		93	80 - 123
trans-1,2-Dichloroethene	25.0	22.1		ug/L		88	75 - 124
trans-1,3-Dichloropropene	25.0	26.2		ug/L		105	57 - 129
Trichloroethene	25.0	20.0		ug/L		80	70 - 122
Trichlorofluoromethane	12.5	14.1		ug/L		113	30 - 170
Vinyl chloride	12.5	13.7		ug/L		110	60 - 144
Xylenes, Total	50.0	53.6		ug/L		107	80 - 121
m-Xylene & p-Xylene	25.0	26.4		ug/L		105	80 - 120
o-Xylene	25.0	27.2		ug/L		109	80 - 123

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
Toluene-d8 (Surr)	*94*		*78 - 122*
Dibromofluoromethane (Surr)	*92*		*73 - 120*
4-Bromofluorobenzene (Surr)	*98*		*56 - 136*
1,2-Dichloroethane-d4 (Surr)	*101*		*62 - 137*

Lab Sample ID: MB 240-633351/7
Matrix: Water
Analysis Batch: 633351

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		1.0	0.48	ug/L			10/31/24 12:52	1
1,1,2,2-Tetrachloroethane	ND		1.0	0.60	ug/L			10/31/24 12:52	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		1.0	0.41	ug/L			10/31/24 12:52	1
1,1,2-Trichloroethane	ND		1.0	0.48	ug/L			10/31/24 12:52	1
1,1-Dichloroethane	ND		1.0	0.47	ug/L			10/31/24 12:52	1
1,1-Dichloroethene	ND		1.0	0.49	ug/L			10/31/24 12:52	1
1,2,4-Trichlorobenzene	ND		1.0	0.77	ug/L			10/31/24 12:52	1
1,2-Dibromo-3-Chloropropane	ND		2.0	0.91	ug/L			10/31/24 12:52	1
Ethylene Dibromide	ND		1.0	0.41	ug/L			10/31/24 12:52	1
1,2-Dichlorobenzene	ND		1.0	0.48	ug/L			10/31/24 12:52	1
1,2-Dichloroethane	ND		1.0	0.46	ug/L			10/31/24 12:52	1
1,2-Dichloropropane	ND		1.0	0.47	ug/L			10/31/24 12:52	1
1,3-Dichlorobenzene	ND		1.0	0.45	ug/L			10/31/24 12:52	1
1,4-Dichlorobenzene	ND		1.0	0.41	ug/L			10/31/24 12:52	1
2-Butanone (MEK)	1.93	J	10	1.2	ug/L			10/31/24 12:52	1
2-Hexanone	ND		10	1.1	ug/L			10/31/24 12:52	1
4-Methyl-2-pentanone (MIBK)	ND		10	0.99	ug/L			10/31/24 12:52	1
Acetone	ND		10	5.4	ug/L			10/31/24 12:52	1
Benzene	ND		1.0	0.42	ug/L			10/31/24 12:52	1
Dichlorobromomethane	ND		1.0	0.38	ug/L			10/31/24 12:52	1
Bromoform	ND		1.0	0.76	ug/L			10/31/24 12:52	1
Bromomethane	ND		1.0	0.42	ug/L			10/31/24 12:52	1
Carbon disulfide	ND		1.0	0.59	ug/L			10/31/24 12:52	1
Carbon tetrachloride	ND		1.0	0.26	ug/L			10/31/24 12:52	1

Method: 8260D - Volatile Organic Compounds by GC/MS (Continued)

Lab Sample ID: MB 240-633351/7
Matrix: Water
Analysis Batch: 633351

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chlorobenzene	ND		1.0	0.38	ug/L			10/31/24 12:52	1
Chloroethane	ND		1.0	0.83	ug/L			10/31/24 12:52	1
Chloroform	ND		1.0	0.47	ug/L			10/31/24 12:52	1
Chloromethane	ND		1.0	0.63	ug/L			10/31/24 12:52	1
cis-1,2-Dichloroethene	ND		1.0	0.46	ug/L			10/31/24 12:52	1
cis-1,3-Dichloropropene	ND		1.0	0.61	ug/L			10/31/24 12:52	1
Cyclohexane	ND		1.0	0.48	ug/L			10/31/24 12:52	1
Chlorodibromomethane	ND		1.0	0.39	ug/L			10/31/24 12:52	1
Dichlorodifluoromethane	ND		1.0	0.35	ug/L			10/31/24 12:52	1
Ethylbenzene	ND		1.0	0.42	ug/L			10/31/24 12:52	1
Isopropylbenzene	ND		1.0	0.49	ug/L			10/31/24 12:52	1
Methyl acetate	ND		10	1.7	ug/L			10/31/24 12:52	1
Methyl tert-butyl ether	ND		1.0	0.47	ug/L			10/31/24 12:52	1
Methylcyclohexane	ND		1.0	0.33	ug/L			10/31/24 12:52	1
Methylene Chloride	ND		5.0	2.6	ug/L			10/31/24 12:52	1
Styrene	ND		1.0	0.45	ug/L			10/31/24 12:52	1
Tetrachloroethene	ND		1.0	0.44	ug/L			10/31/24 12:52	1
Toluene	ND		1.0	0.44	ug/L			10/31/24 12:52	1
trans-1,2-Dichloroethene	ND		1.0	0.51	ug/L			10/31/24 12:52	1
trans-1,3-Dichloropropene	ND		1.0	0.67	ug/L			10/31/24 12:52	1
Trichloroethene	ND		1.0	0.44	ug/L			10/31/24 12:52	1
Trichlorofluoromethane	ND		1.0	0.45	ug/L			10/31/24 12:52	1
Vinyl chloride	ND		1.0	0.45	ug/L			10/31/24 12:52	1
Xylenes, Total	ND		2.0	0.42	ug/L			10/31/24 12:52	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Toluene-d8 (Surr)	*92*		*78 - 122*		*10/31/24 12:52*	*1*
Dibromofluoromethane (Surr)	*108*		*73 - 120*		*10/31/24 12:52*	*1*
4-Bromofluorobenzene (Surr)	*81*		*56 - 136*		*10/31/24 12:52*	*1*
1,2-Dichloroethane-d4 (Surr)	*111*		*62 - 137*		*10/31/24 12:52*	*1*

Lab Sample ID: LCS 240-633351/4
Matrix: Water
Analysis Batch: 633351

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
1,1,1-Trichloroethane	50.0	46.5		ug/L		93	64 - 131
1,1,2,2-Tetrachloroethane	50.0	46.0		ug/L		92	58 - 157
1,1,2-Trichloro-1,2,2-trifluoroetha ne	50.0	59.4		ug/L		119	51 - 146
1,1,2-Trichloroethane	50.0	47.3		ug/L		95	70 - 138
1,1-Dichloroethane	50.0	43.4		ug/L		87	72 - 127
1,1-Dichloroethene	50.0	50.0		ug/L		100	63 - 134
1,2,4-Trichlorobenzene	50.0	48.0		ug/L		96	44 - 147
1,2-Dibromo-3-Chloropropane	50.0	40.8		ug/L		82	53 - 135
Ethylene Dibromide	50.0	47.2		ug/L		94	71 - 134
1,2-Dichlorobenzene	50.0	46.5		ug/L		93	78 - 120
1,2-Dichloroethane	50.0	45.3		ug/L		91	66 - 128
1,2-Dichloropropane	50.0	43.5		ug/L		87	75 - 133

Method: 8260D - Volatile Organic Compounds by GC/MS (Continued)

Lab Sample ID: LCS 240-633351/4
Matrix: Water
Analysis Batch: 633351

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
1,3-Dichlorobenzene	50.0	47.2		ug/L		94	80 - 120
1,4-Dichlorobenzene	50.0	45.9		ug/L		92	80 - 120
2-Butanone (MEK)	100	86.9		ug/L		87	54 - 156
2-Hexanone	100	104		ug/L		104	43 - 167
4-Methyl-2-pentanone (MIBK)	100	98.2		ug/L		98	46 - 158
Acetone	100	108		ug/L		108	50 - 149
Benzene	50.0	45.1		ug/L		90	77 - 123
Dichlorobromomethane	50.0	46.8		ug/L		94	69 - 126
Bromoform	50.0	48.8		ug/L		98	57 - 129
Bromomethane	50.0	41.3		ug/L		83	36 - 142
Carbon disulfide	50.0	52.4		ug/L		105	43 - 140
Carbon tetrachloride	50.0	48.1		ug/L		96	55 - 137
Chlorobenzene	50.0	47.7		ug/L		95	80 - 121
Chloroethane	50.0	39.0		ug/L		78	38 - 152
Chloroform	50.0	45.0		ug/L		90	74 - 122
Chloromethane	50.0	42.0		ug/L		84	47 - 143
cis-1,2-Dichloroethene	50.0	44.1		ug/L		88	77 - 123
cis-1,3-Dichloropropene	50.0	47.0		ug/L		94	64 - 130
Cyclohexane	50.0	48.0		ug/L		96	58 - 146
Chlorodibromomethane	50.0	50.0		ug/L		100	70 - 124
Dichlorodifluoromethane	50.0	34.9		ug/L		70	34 - 153
Ethylbenzene	50.0	49.1		ug/L		98	80 - 121
Isopropylbenzene	50.0	57.5		ug/L		115	74 - 128
Methyl acetate	100	80.5		ug/L		81	42 - 169
Methyl tert-butyl ether	50.0	40.1		ug/L		80	65 - 126
Methylcyclohexane	50.0	46.1		ug/L		92	62 - 136
Methylene Chloride	50.0	40.1		ug/L		80	71 - 125
Styrene	50.0	51.0		ug/L		102	80 - 135
Tetrachloroethene	50.0	51.2		ug/L		102	76 - 123
Toluene	50.0	47.3		ug/L		95	80 - 123
trans-1,2-Dichloroethene	50.0	42.7		ug/L		85	75 - 124
trans-1,3-Dichloropropene	50.0	50.4		ug/L		101	57 - 129
Trichloroethene	50.0	44.9		ug/L		90	70 - 122
Trichlorofluoromethane	50.0	57.7		ug/L		115	30 - 170
Vinyl chloride	50.0	41.4		ug/L		83	60 - 144
Xylenes, Total	100	100		ug/L		100	80 - 121
m-Xylene & p-Xylene	50.0	50.0		ug/L		100	80 - 120
o-Xylene	50.0	50.0		ug/L		100	80 - 123

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
Toluene-d8 (Surr)	*96*		*78 - 122*
Dibromofluoromethane (Surr)	*92*		*73 - 120*
4-Bromofluorobenzene (Surr)	*93*		*56 - 136*
1,2-Dichloroethane-d4 (Surr)	*96*		*62 - 137*

Client: August Mack Environmental, Inc.
Project/Site: MSC Canfield

Job ID: 240-213376-1

Method: 8270E - Semivolatile Organic Compounds (GC/MS)

Lab Sample ID: MB 240-631841/23-A
Matrix: Water
Analysis Batch: 632004

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 631841

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1'-Biphenyl	ND		1.0	0.49	ug/L		10/22/24 09:21	10/23/24 10:40	1
bis (2-chloroisopropyl) ether	ND		1.0	0.24	ug/L		10/22/24 09:21	10/23/24 10:40	1
2,4,5-Trichlorophenol	ND		5.0	2.0	ug/L		10/22/24 09:21	10/23/24 10:40	1
2,4,6-Trichlorophenol	ND		5.0	1.8	ug/L		10/22/24 09:21	10/23/24 10:40	1
2,4-Dichlorophenol	ND		2.0	0.26	ug/L		10/22/24 09:21	10/23/24 10:40	1
2,4-Dimethylphenol	ND		2.0	0.25	ug/L		10/22/24 09:21	10/23/24 10:40	1
2,4-Dinitrophenol	ND		10	2.6	ug/L		10/22/24 09:21	10/23/24 10:40	1
2,4-Dinitrotoluene	ND		5.0	2.1	ug/L		10/22/24 09:21	10/23/24 10:40	1
2,6-Dinitrotoluene	ND		5.0	1.1	ug/L		10/22/24 09:21	10/23/24 10:40	1
2-Chloronaphthalene	ND		1.0	0.23	ug/L		10/22/24 09:21	10/23/24 10:40	1
2-Chlorophenol	ND		1.0	0.27	ug/L		10/22/24 09:21	10/23/24 10:40	1
2-Methylnaphthalene	ND		0.20	0.11	ug/L		10/22/24 09:21	10/23/24 10:40	1
2-Methylphenol	ND		1.0	0.21	ug/L		10/22/24 09:21	10/23/24 10:40	1
2-Nitroaniline	ND		2.0	0.51	ug/L		10/22/24 09:21	10/23/24 10:40	1
2-Nitrophenol	ND		2.0	0.56	ug/L		10/22/24 09:21	10/23/24 10:40	1
3,3'-Dichlorobenzidine	ND		5.0	1.2	ug/L		10/22/24 09:21	10/23/24 10:40	1
3-Nitroaniline	ND		2.0	0.57	ug/L		10/22/24 09:21	10/23/24 10:40	1
4,6-Dinitro-2-methylphenol	ND		5.0	2.8	ug/L		10/22/24 09:21	10/23/24 10:40	1
4-Bromophenyl phenyl ether	ND		2.0	0.50	ug/L		10/22/24 09:21	10/23/24 10:40	1
4-Chloro-3-methylphenol	ND		2.0	0.30	ug/L		10/22/24 09:21	10/23/24 10:40	1
4-Chloroaniline	ND		2.0	0.32	ug/L		10/22/24 09:21	10/23/24 10:40	1
4-Chlorophenyl phenyl ether	ND		2.0	0.55	ug/L		10/22/24 09:21	10/23/24 10:40	1
4-Nitroaniline	ND		2.0	0.33	ug/L		10/22/24 09:21	10/23/24 10:40	1
4-Nitrophenol	ND		10	2.2	ug/L		10/22/24 09:21	10/23/24 10:40	1
Acenaphthene	ND		0.20	0.17	ug/L		10/22/24 09:21	10/23/24 10:40	1
Acenaphthylene	ND		0.20	0.13	ug/L		10/22/24 09:21	10/23/24 10:40	1
Acetophenone	ND		1.0	0.37	ug/L		10/22/24 09:21	10/23/24 10:40	1
Anthracene	ND		0.20	0.14	ug/L		10/22/24 09:21	10/23/24 10:40	1
Atrazine	ND		2.0	0.95	ug/L		10/22/24 09:21	10/23/24 10:40	1
Benzaldehyde	ND		2.0	0.76	ug/L		10/22/24 09:21	10/23/24 10:40	1
Benzo[a]anthracene	ND		0.20	0.068	ug/L		10/22/24 09:21	10/23/24 10:40	1
Benzo[a]pyrene	ND		0.20	0.17	ug/L		10/22/24 09:21	10/23/24 10:40	1
Benzo[b]fluoranthene	ND		0.20	0.15	ug/L		10/22/24 09:21	10/23/24 10:40	1
Benzo[g,h,i]perylene	ND		0.20	0.18	ug/L		10/22/24 09:21	10/23/24 10:40	1
Benzo[k]fluoranthene	ND		0.20	0.14	ug/L		10/22/24 09:21	10/23/24 10:40	1
Bis(2-chloroethoxy)methane	ND		1.0	0.22	ug/L		10/22/24 09:21	10/23/24 10:40	1
Bis(2-chloroethyl)ether	ND		1.0	0.40	ug/L		10/22/24 09:21	10/23/24 10:40	1
Bis(2-ethylhexyl) phthalate	ND		5.0	2.2	ug/L		10/22/24 09:21	10/23/24 10:40	1
Butyl benzyl phthalate	ND		2.0	0.67	ug/L		10/22/24 09:21	10/23/24 10:40	1
Caprolactam	ND		5.0	3.8	ug/L		10/22/24 09:21	10/23/24 10:40	1
Carbazole	ND		1.0	0.49	ug/L		10/22/24 09:21	10/23/24 10:40	1
Chrysene	ND		0.20	0.066	ug/L		10/22/24 09:21	10/23/24 10:40	1
Dibenz(a,h)anthracene	ND		0.20	0.15	ug/L		10/22/24 09:21	10/23/24 10:40	1
Dibenzofuran	ND		1.0	0.27	ug/L		10/22/24 09:21	10/23/24 10:40	1
Diethyl phthalate	ND		5.0	0.41	ug/L		10/22/24 09:21	10/23/24 10:40	1
Dimethyl phthalate	ND		2.0	0.52	ug/L		10/22/24 09:21	10/23/24 10:40	1
Di-n-butyl phthalate	ND		5.0	1.8	ug/L		10/22/24 09:21	10/23/24 10:40	1
Di-n-octyl phthalate	ND		2.0	0.82	ug/L		10/22/24 09:21	10/23/24 10:40	1

Method: 8270E - Semivolatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: MB 240-631841/23-A
Matrix: Water
Analysis Batch: 632004

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 631841

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Fluoranthene	ND		0.20	0.16	ug/L		10/22/24 09:21	10/23/24 10:40	1
Fluorene	ND		0.20	0.079	ug/L		10/22/24 09:21	10/23/24 10:40	1
Hexachlorobenzene	ND		0.20	0.16	ug/L		10/22/24 09:21	10/23/24 10:40	1
Hexachlorobutadiene	ND		1.0	0.54	ug/L		10/22/24 09:21	10/23/24 10:40	1
Hexachlorocyclopentadiene	ND		10	1.8	ug/L		10/22/24 09:21	10/23/24 10:40	1
Hexachloroethane	ND		1.0	0.40	ug/L		10/22/24 09:21	10/23/24 10:40	1
Indeno[1,2,3-cd]pyrene	ND		0.20	0.14	ug/L		10/22/24 09:21	10/23/24 10:40	1
Isophorone	ND		1.0	0.32	ug/L		10/22/24 09:21	10/23/24 10:40	1
N-Nitrosodi-n-propylamine	ND		1.0	0.25	ug/L		10/22/24 09:21	10/23/24 10:40	1
N-Nitrosodiphenylamine	ND		1.0	0.44	ug/L		10/22/24 09:21	10/23/24 10:40	1
Naphthalene	ND		0.20	0.11	ug/L		10/22/24 09:21	10/23/24 10:40	1
Nitrobenzene	ND		1.0	0.51	ug/L		10/22/24 09:21	10/23/24 10:40	1
Pentachlorophenol	ND		10	3.1	ug/L		10/22/24 09:21	10/23/24 10:40	1
Phenanthrene	ND		0.20	0.080	ug/L		10/22/24 09:21	10/23/24 10:40	1
Phenol	ND		1.0	0.40	ug/L		10/22/24 09:21	10/23/24 10:40	1
Pyrene	ND		0.20	0.083	ug/L		10/22/24 09:21	10/23/24 10:40	1
3 & 4 Methylphenol	ND		2.0	0.19	ug/L		10/22/24 09:21	10/23/24 10:40	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Terphenyl-d14 (Surr)	*73*		*43 - 136*	*10/22/24 09:21*	*10/23/24 10:40*	*1*
Phenol-d5 (Surr)	*53*		*10 - 120*	*10/22/24 09:21*	*10/23/24 10:40*	*1*
Nitrobenzene-d5 (Surr)	*57*		*40 - 120*	*10/22/24 09:21*	*10/23/24 10:40*	*1*
2-Fluorophenol (Surr)	*48*		*10 - 127*	*10/22/24 09:21*	*10/23/24 10:40*	*1*
2-Fluorobiphenyl (Surr)	*60*		*41 - 120*	*10/22/24 09:21*	*10/23/24 10:40*	*1*
2,4,6-Tribromophenol (Surr)	*72*		*23 - 127*	*10/22/24 09:21*	*10/23/24 10:40*	*1*

Lab Sample ID: LCS 240-631841/24-A
Matrix: Water
Analysis Batch: 632004

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 631841

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
1,1'-Biphenyl	32.0	23.4		ug/L		73	48 - 120
bis (2-chloroisopropyl) ether	32.0	25.6		ug/L		80	34 - 126
2,4,5-Trichlorophenol	32.0	28.0		ug/L		87	51 - 129
2,4,6-Trichlorophenol	32.0	27.3		ug/L		85	51 - 128
2,4-Dichlorophenol	32.0	27.3		ug/L		85	57 - 122
2,4-Dimethylphenol	32.0	20.7		ug/L		65	33 - 120
2,4-Dinitrophenol	64.0	41.6		ug/L		65	27 - 126
2,4-Dinitrotoluene	32.0	29.2		ug/L		91	55 - 131
2,6-Dinitrotoluene	32.0	28.3		ug/L		88	54 - 134
2-Chloronaphthalene	32.0	24.1		ug/L		75	50 - 120
2-Chlorophenol	32.0	28.3		ug/L		88	57 - 120
2-Methylnaphthalene	32.0	23.9		ug/L		75	47 - 120
2-Methylphenol	32.0	27.1		ug/L		85	47 - 120
2-Nitroaniline	32.0	28.7		ug/L		90	51 - 138
2-Nitrophenol	32.0	26.5		ug/L		83	53 - 127
3,3'-Dichlorobenzidine	64.0	62.6		ug/L		98	39 - 150
3-Nitroaniline	32.0	31.0		ug/L		97	13 - 156

Method: 8270E - Semivolatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: LCS 240-631841/24-A
Matrix: Water
Analysis Batch: 632004

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 631841

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
4,6-Dinitro-2-methylphenol	64.0	52.7		ug/L		82	45 - 130
4-Bromophenyl phenyl ether	32.0	27.6		ug/L		86	51 - 129
4-Chloro-3-methylphenol	32.0	26.4		ug/L		82	57 - 126
4-Chloroaniline	32.0	8.27		ug/L		26	10 - 120
4-Chlorophenyl phenyl ether	32.0	25.8		ug/L		81	52 - 122
4-Nitroaniline	32.0	29.4		ug/L		92	44 - 156
4-Nitrophenol	64.0	41.0		ug/L		64	14 - 120
Acenaphthene	32.0	23.1		ug/L		72	50 - 120
Acenaphthylene	32.0	24.6		ug/L		77	49 - 120
Acetophenone	32.0	26.1		ug/L		82	52 - 120
Anthracene	32.0	26.7		ug/L		83	55 - 124
Atrazine	32.0	27.9		ug/L		87	50 - 152
Benzaldehyde	32.0	28.7		ug/L		90	36 - 168
Benzo[a]anthracene	32.0	31.2		ug/L		97	55 - 130
Benzo[a]pyrene	32.0	29.5		ug/L		92	51 - 123
Benzo[b]fluoranthene	32.0	33.7		ug/L		105	51 - 130
Benzo[g,h,i]perylene	32.0	29.7		ug/L		93	55 - 135
Benzo[k]fluoranthene	32.0	31.1		ug/L		97	53 - 130
Bis(2-chloroethoxy)methane	32.0	25.9		ug/L		81	50 - 121
Bis(2-chloroethyl)ether	32.0	24.2		ug/L		76	47 - 120
Bis(2-ethylhexyl) phthalate	32.0	30.0		ug/L		94	45 - 142
Butyl benzyl phthalate	32.0	31.6		ug/L		99	48 - 140
Caprolactam	32.0	6.44		ug/L		20	10 - 120
Carbazole	32.0	27.9		ug/L		87	56 - 135
Chrysene	32.0	28.1		ug/L		88	52 - 126
Dibenz(a,h)anthracene	32.0	33.6		ug/L		105	57 - 132
Dibenzofuran	32.0	24.5		ug/L		76	52 - 120
Diethyl phthalate	32.0	24.6		ug/L		77	51 - 127
Dimethyl phthalate	32.0	27.1		ug/L		85	40 - 136
Di-n-butyl phthalate	32.0	28.1		ug/L		88	56 - 138
Di-n-octyl phthalate	32.0	29.2		ug/L		91	45 - 135
Fluoranthene	32.0	27.8		ug/L		87	56 - 135
Fluorene	32.0	24.7		ug/L		77	52 - 124
Hexachlorobenzene	32.0	27.1		ug/L		85	49 - 127
Hexachlorobutadiene	32.0	22.6		ug/L		71	36 - 120
Hexachlorocyclopentadiene	32.0	7.11	J	ug/L		22	10 - 120
Hexachloroethane	32.0	22.0		ug/L		69	39 - 120
Indeno[1,2,3-cd]pyrene	32.0	33.0		ug/L		103	55 - 134
Isophorone	32.0	26.9		ug/L		84	50 - 127
N-Nitrosodi-n-propylamine	32.0	23.6		ug/L		74	49 - 128
N-Nitrosodiphenylamine	32.0	26.4		ug/L		82	53 - 127
Naphthalene	32.0	22.8		ug/L		71	46 - 120
Nitrobenzene	32.0	25.5		ug/L		80	50 - 123
Pentachlorophenol	64.0	54.4		ug/L		85	24 - 124
Phenanthrene	32.0	25.4		ug/L		80	54 - 120
Phenol	32.0	22.5		ug/L		70	10 - 120
Pyrene	32.0	30.0		ug/L		94	53 - 135
3 & 4 Methylphenol	32.0	27.2		ug/L		85	41 - 120

Method: 8270E - Semivolatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: LCS 240-631841/24-A
Matrix: Water
Analysis Batch: 632004

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 631841

Surrogate	LCS %Recovery	LCS Qualifier	Limits
Terphenyl-d14 (Surr)	81		43 - 136
Phenol-d5 (Surr)	62		10 - 120
Nitrobenzene-d5 (Surr)	69		40 - 120
2-Fluorophenol (Surr)	100		10 - 127
2-Fluorobiphenyl (Surr)	70		41 - 120
2,4,6-Tribromophenol (Surr)	87		23 - 127

Method: 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Lab Sample ID: MB 240-631616/1-A
Matrix: Water
Analysis Batch: 631784

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 631616

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aroclor-1016	ND		0.10	0.056	ug/L		10/21/24 08:46	10/22/24 08:59	1
Aroclor-1221	ND		0.10	0.057	ug/L		10/21/24 08:46	10/22/24 08:59	1
Aroclor-1232	ND		0.10	0.074	ug/L		10/21/24 08:46	10/22/24 08:59	1
Aroclor-1242	ND		0.10	0.076	ug/L		10/21/24 08:46	10/22/24 08:59	1
Aroclor-1248	ND		0.10	0.050	ug/L		10/21/24 08:46	10/22/24 08:59	1
Aroclor-1254	ND		0.10	0.040	ug/L		10/21/24 08:46	10/22/24 08:59	1
Aroclor-1260	ND		0.10	0.046	ug/L		10/21/24 08:46	10/22/24 08:59	1
Aroclor-1262	ND		0.10	0.058	ug/L		10/21/24 08:46	10/22/24 08:59	1
Aroclor-1268	ND		0.10	0.062	ug/L		10/21/24 08:46	10/22/24 08:59	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
Tetrachloro-m-xylene	64		10 - 149	10/21/24 08:46	10/22/24 08:59	1
DCB Decachlorobiphenyl	56		10 - 174	10/21/24 08:46	10/22/24 08:59	1

Lab Sample ID: LCS 240-631616/2-A
Matrix: Water
Analysis Batch: 631784

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 631616

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Aroclor-1016	2.50	1.64		ug/L		66	28 - 140
Aroclor-1260	2.50	1.76		ug/L		71	39 - 153

Surrogate	LCS %Recovery	LCS Qualifier	Limits
Tetrachloro-m-xylene	56		10 - 149
DCB Decachlorobiphenyl	58		10 - 174

Method: 6010D - Metals (ICP)

Lab Sample ID: MB 240-631860/1-A
Matrix: Water
Analysis Batch: 632183

Client Sample ID: Method Blank
Prep Type: Total Recoverable
Prep Batch: 631860

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	ND		15	4.1	ug/L		10/22/24 14:00	10/23/24 21:22	1

Method: 6010D - Metals (ICP) (Continued)

Lab Sample ID: MB 240-631860/1-A
Matrix: Water
Analysis Batch: 632183

Client Sample ID: Method Blank
Prep Type: Total Recoverable
Prep Batch: 631860

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Barium	2.58	J	200	1.3	ug/L		10/22/24 14:00	10/23/24 21:22	1
Cadmium	ND		5.0	0.45	ug/L		10/22/24 14:00	10/23/24 21:22	1
Chromium	ND		10	0.76	ug/L		10/22/24 14:00	10/23/24 21:22	1
Copper	ND		25	3.5	ug/L		10/22/24 14:00	10/23/24 21:22	1
Lead	ND		10	2.8	ug/L		10/22/24 14:00	10/23/24 21:22	1
Selenium	ND		20	6.0	ug/L		10/22/24 14:00	10/23/24 21:22	1
Silver	ND		10	1.4	ug/L		10/22/24 14:00	10/23/24 21:22	1
Zinc	ND		50	23	ug/L		10/22/24 14:00	10/23/24 21:22	1

Lab Sample ID: LCS 240-631860/2-A
Matrix: Water
Analysis Batch: 632183

Client Sample ID: Lab Control Sample
Prep Type: Total Recoverable
Prep Batch: 631860

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Arsenic	2000	2070		ug/L		103	80 - 120
Barium	2000	2090		ug/L		104	80 - 120
Cadmium	1000	1010		ug/L		101	80 - 120
Chromium	1000	995		ug/L		99	80 - 120
Copper	1000	966		ug/L		97	80 - 120
Lead	1000	948		ug/L		95	80 - 120
Selenium	2000	2060		ug/L		103	80 - 120
Silver	100	97.3		ug/L		97	80 - 120
Zinc	1000	1030		ug/L		103	80 - 120

Method: 7470A - Mercury (CVAA)

Lab Sample ID: MB 240-631864/1-A
Matrix: Water
Analysis Batch: 632148

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 631864

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	ND		0.20	0.13	ug/L		10/22/24 14:00	10/23/24 12:22	1

Lab Sample ID: LCS 240-631864/2-A
Matrix: Water
Analysis Batch: 632148

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 631864

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Mercury	5.00	5.10		ug/L		102	80 - 120

Method: 7196A - Chromium, Hexavalent

Lab Sample ID: MB 240-631544/3
Matrix: Water
Analysis Batch: 631544

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chromium, hexavalent	ND		0.020	0.0070	mg/L			10/19/24 09:52	1

Method: 7196A - Chromium, Hexavalent (Continued)

Lab Sample ID: LCS 240-631544/4
Matrix: Water
Analysis Batch: 631544

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
Chromium, hexavalent			0.250	0.244		mg/L		98	85 - 115		

Lab Sample ID: 240-213376-1 MS
Matrix: Water
Analysis Batch: 631544

Client Sample ID: SB-8-GW-18-28
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits		
Chromium, hexavalent	ND		0.250	0.236		mg/L		94	85 - 115		

Lab Sample ID: 240-213376-1 MSD
Matrix: Water
Analysis Batch: 631544

Client Sample ID: SB-8-GW-18-28
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Chromium, hexavalent	ND		0.250	0.221		mg/L		88	85 - 115	7	20

Method: 9012B - Cyanide, Total andor Amenable

Lab Sample ID: MB 240-632978/1-A
Matrix: Water
Analysis Batch: 633018

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 632978

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cyanide, Total	ND		0.010	0.0060	mg/L		10/29/24 12:28	10/29/24 13:44	1

Lab Sample ID: LCS 240-632978/2-A
Matrix: Water
Analysis Batch: 633018

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 632978

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
Cyanide, Total			0.327	0.335		mg/L		103	85 - 115		

Method: OIA-1677 - Cyanide, Free (Flow Injection)

Lab Sample ID: MB 410-570146/17
Matrix: Water
Analysis Batch: 570146

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cyanide, Free	ND		0.0060	0.0050	mg/L			10/31/24 14:26	1

Lab Sample ID: LCS 410-570146/16
Matrix: Water
Analysis Batch: 570146

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
Cyanide, Free			0.0500	0.0469		mg/L		94	82 - 132		

GC/MS VOA

Analysis Batch: 632826

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
240-213376-2	SB-11-GW-18-28	Total/NA	Water	8260D	
240-213376-4	TB-12	Total/NA	Water	8260D	
MB 240-632826/9	Method Blank	Total/NA	Water	8260D	
LCS 240-632826/5	Lab Control Sample	Total/NA	Water	8260D	

Analysis Batch: 633351

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
240-213376-1	SB-8-GW-18-28	Total/NA	Water	8260D	
240-213376-3	SB-9-GW-24-34	Total/NA	Water	8260D	
MB 240-633351/7	Method Blank	Total/NA	Water	8260D	
LCS 240-633351/4	Lab Control Sample	Total/NA	Water	8260D	

GC/MS Semi VOA

Prep Batch: 631841

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
240-213376-1	SB-8-GW-18-28	Total/NA	Water	3510C LVI	
240-213376-2	SB-11-GW-18-28	Total/NA	Water	3510C LVI	
MB 240-631841/23-A	Method Blank	Total/NA	Water	3510C LVI	
LCS 240-631841/24-A	Lab Control Sample	Total/NA	Water	3510C LVI	

Analysis Batch: 632004

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
240-213376-1	SB-8-GW-18-28	Total/NA	Water	8270E	631841
240-213376-2	SB-11-GW-18-28	Total/NA	Water	8270E	631841
MB 240-631841/23-A	Method Blank	Total/NA	Water	8270E	631841
LCS 240-631841/24-A	Lab Control Sample	Total/NA	Water	8270E	631841

GC Semi VOA

Prep Batch: 631616

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
240-213376-1	SB-8-GW-18-28	Total/NA	Water	3510C	
240-213376-2	SB-11-GW-18-28	Total/NA	Water	3510C	
MB 240-631616/1-A	Method Blank	Total/NA	Water	3510C	
LCS 240-631616/2-A	Lab Control Sample	Total/NA	Water	3510C	

Analysis Batch: 631784

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
240-213376-1	SB-8-GW-18-28	Total/NA	Water	8082A	631616
240-213376-2	SB-11-GW-18-28	Total/NA	Water	8082A	631616
MB 240-631616/1-A	Method Blank	Total/NA	Water	8082A	631616
LCS 240-631616/2-A	Lab Control Sample	Total/NA	Water	8082A	631616

Metals

Prep Batch: 631860

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
240-213376-1	SB-8-GW-18-28	Dissolved	Water	3005A	
240-213376-1	SB-8-GW-18-28	Total Recoverable	Water	3005A	
240-213376-2	SB-11-GW-18-28	Dissolved	Water	3005A	
240-213376-2	SB-11-GW-18-28	Total Recoverable	Water	3005A	

Metals (Continued)

Prep Batch: 631860 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
240-213376-3	SB-9-GW-24-34	Total Recoverable	Water	3005A	
MB 240-631860/1-A	Method Blank	Total Recoverable	Water	3005A	
LCS 240-631860/2-A	Lab Control Sample	Total Recoverable	Water	3005A	

Prep Batch: 631864

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
240-213376-1	SB-8-GW-18-28	Dissolved	Water	7470A	
240-213376-1	SB-8-GW-18-28	Total/NA	Water	7470A	
240-213376-2	SB-11-GW-18-28	Dissolved	Water	7470A	
240-213376-2	SB-11-GW-18-28	Total/NA	Water	7470A	
240-213376-3	SB-9-GW-24-34	Total/NA	Water	7470A	
MB 240-631864/1-A	Method Blank	Total/NA	Water	7470A	
LCS 240-631864/2-A	Lab Control Sample	Total/NA	Water	7470A	

Analysis Batch: 632148

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
240-213376-1	SB-8-GW-18-28	Dissolved	Water	7470A	631864
240-213376-1	SB-8-GW-18-28	Total/NA	Water	7470A	631864
240-213376-2	SB-11-GW-18-28	Dissolved	Water	7470A	631864
240-213376-2	SB-11-GW-18-28	Total/NA	Water	7470A	631864
240-213376-3	SB-9-GW-24-34	Total/NA	Water	7470A	631864
MB 240-631864/1-A	Method Blank	Total/NA	Water	7470A	631864
LCS 240-631864/2-A	Lab Control Sample	Total/NA	Water	7470A	631864

Analysis Batch: 632183

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
240-213376-1	SB-8-GW-18-28	Dissolved	Water	6010D	631860
240-213376-1	SB-8-GW-18-28	Total Recoverable	Water	6010D	631860
240-213376-2	SB-11-GW-18-28	Dissolved	Water	6010D	631860
240-213376-2	SB-11-GW-18-28	Total Recoverable	Water	6010D	631860
240-213376-3	SB-9-GW-24-34	Total Recoverable	Water	6010D	631860
MB 240-631860/1-A	Method Blank	Total Recoverable	Water	6010D	631860
LCS 240-631860/2-A	Lab Control Sample	Total Recoverable	Water	6010D	631860

General Chemistry

Analysis Batch: 570146

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
240-213376-1	SB-8-GW-18-28	Total/NA	Water	OIA-1677	
240-213376-2	SB-11-GW-18-28	Total/NA	Water	OIA-1677	
240-213376-3	SB-9-GW-24-34	Total/NA	Water	OIA-1677	
MB 410-570146/17	Method Blank	Total/NA	Water	OIA-1677	
LCS 410-570146/16	Lab Control Sample	Total/NA	Water	OIA-1677	

Analysis Batch: 631544

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
240-213376-1	SB-8-GW-18-28	Dissolved	Water	7196A	
240-213376-1	SB-8-GW-18-28	Total/NA	Water	7196A	
240-213376-2	SB-11-GW-18-28	Dissolved	Water	7196A	
240-213376-2	SB-11-GW-18-28	Total/NA	Water	7196A	
240-213376-3	SB-9-GW-24-34	Total/NA	Water	7196A	

General Chemistry (Continued)

Analysis Batch: 631544 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
MB 240-631544/3	Method Blank	Total/NA	Water	7196A	
LCS 240-631544/4	Lab Control Sample	Total/NA	Water	7196A	
240-213376-1 MS	SB-8-GW-18-28	Total/NA	Water	7196A	
240-213376-1 MSD	SB-8-GW-18-28	Total/NA	Water	7196A	

Prep Batch: 632978

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
240-213376-1	SB-8-GW-18-28	Total/NA	Water	9012B	
240-213376-2	SB-11-GW-18-28	Total/NA	Water	9012B	
240-213376-3	SB-9-GW-24-34	Total/NA	Water	9012B	
MB 240-632978/1-A	Method Blank	Total/NA	Water	9012B	
LCS 240-632978/2-A	Lab Control Sample	Total/NA	Water	9012B	

Analysis Batch: 633018

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
240-213376-1	SB-8-GW-18-28	Total/NA	Water	9012B	632978
240-213376-2	SB-11-GW-18-28	Total/NA	Water	9012B	632978
240-213376-3	SB-9-GW-24-34	Total/NA	Water	9012B	632978
MB 240-632978/1-A	Method Blank	Total/NA	Water	9012B	632978
LCS 240-632978/2-A	Lab Control Sample	Total/NA	Water	9012B	632978

Lab Chronicle

Client: August Mack Environmental, Inc.
Job ID: 240-213376-1
Project/Site: MSC Canfield

Client Sample ID: SB-8-GW-18-28
Lab Sample ID: 240-213376-1
Date Collected: 10/18/24 09:55
Matrix: Water
Date Received: 10/18/24 16:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260D		100	633351	MDH	EET CLE	10/31/24 13:44
Total/NA	Prep	3510C LVI			631841	SDE	EET CLE	10/22/24 09:21
Total/NA	Analysis	8270E		1	632004	MRU	EET CLE	10/23/24 15:57
Total/NA	Prep	3510C			631616	CR2J	EET CLE	10/21/24 08:46
Total/NA	Analysis	8082A		1	631784	LSH	EET CLE	10/22/24 11:45
Dissolved	Prep	3005A			631860	BN	EET CLE	10/22/24 14:00
Dissolved	Analysis	6010D		1	632183	RKT	EET CLE	10/23/24 22:59
Total Recoverable	Prep	3005A			631860	BN	EET CLE	10/22/24 14:00
Total Recoverable	Analysis	6010D		1	632183	RKT	EET CLE	10/23/24 22:55
Dissolved	Prep	7470A			631864	BN	EET CLE	10/22/24 14:00
Dissolved	Analysis	7470A		1	632148	S4FJ	EET CLE	10/23/24 13:01
Total/NA	Prep	7470A			631864	BN	EET CLE	10/22/24 14:00
Total/NA	Analysis	7470A		1	632148	S4FJ	EET CLE	10/23/24 12:59
Dissolved	Analysis	7196A		1	631544	VH6H	EET CLE	10/19/24 09:54
Total/NA	Analysis	7196A		1	631544	VH6H	EET CLE	10/19/24 09:53
Total/NA	Prep	9012B			632978	C5SV	EET CLE	10/29/24 12:28
Total/NA	Analysis	9012B		1	633018	C5SV	EET CLE	10/29/24 14:33
Total/NA	Analysis	OIA-1677		1	570146	UJE2	ELLE	10/31/24 14:46

Client Sample ID: SB-11-GW-18-28
Lab Sample ID: 240-213376-2
Date Collected: 10/18/24 11:20
Matrix: Water
Date Received: 10/18/24 16:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260D		1	632826	MDH	EET CLE	10/29/24 11:59
Total/NA	Prep	3510C LVI			631841	SDE	EET CLE	10/22/24 09:21
Total/NA	Analysis	8270E		1	632004	MRU	EET CLE	10/23/24 16:20
Total/NA	Prep	3510C			631616	CR2J	EET CLE	10/21/24 08:46
Total/NA	Analysis	8082A		1	631784	LSH	EET CLE	10/22/24 11:59
Dissolved	Prep	3005A			631860	BN	EET CLE	10/22/24 14:00
Dissolved	Analysis	6010D		1	632183	RKT	EET CLE	10/23/24 23:08
Total Recoverable	Prep	3005A			631860	BN	EET CLE	10/22/24 14:00
Total Recoverable	Analysis	6010D		1	632183	RKT	EET CLE	10/23/24 23:04
Dissolved	Prep	7470A			631864	BN	EET CLE	10/22/24 14:00
Dissolved	Analysis	7470A		1	632148	S4FJ	EET CLE	10/23/24 13:05
Total/NA	Prep	7470A			631864	BN	EET CLE	10/22/24 14:00
Total/NA	Analysis	7470A		1	632148	S4FJ	EET CLE	10/23/24 13:03
Dissolved	Analysis	7196A		10	631544	VH6H	EET CLE	10/19/24 09:55
Total/NA	Analysis	7196A		10	631544	VH6H	EET CLE	10/19/24 09:55
Total/NA	Prep	9012B			632978	C5SV	EET CLE	10/29/24 12:28
Total/NA	Analysis	9012B		1	633018	C5SV	EET CLE	10/29/24 14:34
Total/NA	Analysis	OIA-1677		1	570146	UJE2	ELLE	10/31/24 14:54

Lab Chronicle

Client: August Mack Environmental, Inc.
Job ID: 240-213376-1
Project/Site: MSC Canfield

Client Sample ID: SB-9-GW-24-34
Lab Sample ID: 240-213376-3

Date Collected: 10/18/24 13:40
Matrix: Water
Date Received: 10/18/24 16:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260D		10	633351	MDH	EET CLE	10/31/24 14:02
Total Recoverable	Prep	3005A			631860	BN	EET CLE	10/22/24 14:00
Total Recoverable	Analysis	6010D		1	632183	RKT	EET CLE	10/23/24 23:12
Total/NA	Prep	7470A			631864	BN	EET CLE	10/22/24 14:00
Total/NA	Analysis	7470A		1	632148	S4FJ	EET CLE	10/23/24 13:10
Total/NA	Analysis	7196A		10	631544	VH6H	EET CLE	10/19/24 09:56
Total/NA	Prep	9012B			632978	C5SV	EET CLE	10/29/24 12:28
Total/NA	Analysis	9012B		1	633018	C5SV	EET CLE	10/29/24 14:48
Total/NA	Analysis	OIA-1677		1	570146	UJE2	ELLE	10/31/24 14:56

Client Sample ID: TB-12
Lab Sample ID: 240-213376-4

Date Collected: 10/18/24 00:00
Matrix: Water
Date Received: 10/18/24 16:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260D		1	632826	MDH	EET CLE	10/29/24 10:31

Laboratory References:

EET CLE = Eurofins Cleveland, 180 S. Van Buren Avenue, Barberton, OH 44203, TEL (330)497-9396

ELLE = Eurofins Lancaster Laboratories Environment Testing, LLC, 2425 New Holland Pike, Lancaster, PA 17601, TEL (717)656-2300

Accreditation/Certification Summary

Client: August Mack Environmental, Inc.
Project/Site: MSC Canfield

Job ID: 240-213376-1

Laboratory: Eurofins Cleveland

All accreditations/certifications held by this laboratory are listed. Not all accreditations/certifications are applicable to this report.

Authority	Program	Identification Number	Expiration Date
California	State	2927	02-28-25
Connecticut	State	PH-0806	12-31-26
Georgia	State	4062	02-27-25
Illinois	NELAP	200004	08-31-25
Iowa	State	421	06-01-25
Kentucky (UST)	State	112225	02-27-25
Kentucky (WW)	State	KY98016	12-30-24
Minnesota	NELAP	039-999-348	12-31-24
New Hampshire	NELAP	225024	09-30-25
New Jersey	NELAP	OH001	07-03-25
New York	NELAP	10975	04-02-25
Ohio VAP	State	ORELAP 4062	02-27-25
Oregon	NELAP	4062	02-27-25
Pennsylvania	NELAP	68-00340	08-31-25
Texas	NELAP	T104704517-22-19	08-31-25
USDA	US Federal Programs	P330-18-00281	01-05-27
Virginia	NELAP	460175	09-14-25
West Virginia DEP	State	210	12-31-24

Laboratory: Eurofins Lancaster Laboratories Environment Testing, LLC

All accreditations/certifications held by this laboratory are listed. Not all accreditations/certifications are applicable to this report.

Authority	Program	Identification Number	Expiration Date
A2LA	Dept. of Defense ELAP	0001.01	11-30-26
A2LA	ISO/IEC 17025	0001.01	11-30-26
Alabama	State	43200	01-31-25
Alaska	State	PA00009	06-30-25
Alaska (UST)	State	17-027	02-28-25
Arizona	State	AZ0780	03-12-25
Arkansas DEQ	State	88-00660	08-09-25
California	State	2792	11-30-24
Colorado	State	PA00009	06-30-25
Connecticut	State	PH-0746	06-30-25
DE Haz. Subst. Cleanup Act (HSCA)	State	019-006 (PA cert)	01-31-25
Delaware (DW)	State	N/A	01-31-25
Florida	NELAP	E87997	06-30-25
Georgia (DW)	State	C048	01-31-25
Hawaii	State	N/A	01-31-25
Illinois	NELAP	200027	01-31-25
Iowa	State	361	03-01-26
Kansas	NELAP	E-10151	10-31-24
Kentucky (DW)	State	KY90088	12-31-24
Kentucky (UST)	State	0001.01	11-30-26
Kentucky (WW)	State	KY90088	12-31-24
Louisiana (All)	NELAP	02055	06-30-25
Maine	State	2019012	03-12-25
Maryland	State	100	06-30-25
Massachusetts	State	M-PA009	06-30-25
Michigan	State	9930	01-31-25
Minnesota	NELAP	042-999-487	12-31-24

Accreditation/Certification Summary

Client: August Mack Environmental, Inc.
Project/Site: MSC Canfield

Job ID: 240-213376-1

Laboratory: Eurofins Lancaster Laboratories Environment Testing, LLC (Continued)

All accreditations/certifications held by this laboratory are listed. Not all accreditations/certifications are applicable to this report.

Authority	Program	Identification Number	Expiration Date
Mississippi	State	023	01-31-25
Missouri	State	450	01-31-25
Montana (DW)	State	0098	01-01-25
Nebraska	State	NE-OS-32-17	01-31-25
New Hampshire	NELAP	2730	01-10-25
New Jersey	NELAP	PA011	06-30-25
New York	NELAP	10670	04-01-25
North Carolina (DW)	State	42705	07-31-25
North Carolina (WW/SW)	State	521	12-31-25
North Dakota	State	R-205	01-31-24 *
Oklahoma	NELAP	9804	08-31-24 *
Oregon	NELAP	PA200001	09-11-25
Pennsylvania	NELAP	36-00037	01-31-25
Quebec Ministry of Environment and Fight against Climate Change	PALA	507	09-16-29
Rhode Island	State	LAO00338	12-30-24
South Carolina	State	89002	01-31-25
Tennessee	State	02838	01-31-25
Texas	NELAP	T104704194-23-46	08-31-25
USDA	US Federal Programs	525-22-298-19481	10-25-25
Vermont	State	VT - 36037	10-28-25
Virginia	NELAP	460182	06-14-25
Washington	State	C457	04-11-25
West Virginia (DW)	State	9906 C	01-31-25
West Virginia DEP	State	055	07-31-25
Wyoming	State	8TMS-L	01-31-25
Wyoming (UST)	A2LA	0001.01	11-30-26

* Accreditation/Certification renewal pending - accreditation/certification considered valid.

Eurofins Cleveland
180 S. Van Buren Avenue
Barberton, OH 44203
Phone: 330-497-9396 Fax: 330-497-0772

Chain of Custody Record

eurofins | Environment Testing

Client Information	Sampler: Nathan Waite	Lab PM: Kalis, Nicole A	Carrier Tracking No(s):	COC No: 240-125124-43640.8
Client Contact: Kain Lager-Lowe	Phone:	E-Mail: Nicole.Kalis@et.eurofinsus.com	State of Origin: OH	Page: Page 1 of 1
Company: August Mack Environmental, Inc.	PWSID:			Job #: JY2380
Address: 7830 North Central Drive, Suite B	Due Date Requested:			
City: Lewis Center	TAT Requested (days): Standard			
State, Zip: OH, 43035	Compliance Project: Δ Yes Δ No			
Phone: 740-548-1515(Tel)	PO #: 20240365			
Email: klagerlowe@augustmack.com	WO #:			
Project Name: MSC Canfield	Project #: 24033889			
Site:	SSOW#:			

Analysis Requested

Preservation Codes:
N - None
D - HNO3
A - HCL
B - NaOH
BO - NaOH/NaArsenite

Other:

Sample Identification	Sample Date	Sample Time	Sample Type (C=comp, G=grab)	Matrix (W=water, S=solid, O=waste/oil, BT=Tissue, A=Air)	Field Filtered Sample (Yes or No)	[redacted]	[redacted]	[redacted]	6010D/7470A - Dissolved RCRA8, Cu, Zn - Field Filtered	[redacted]	[redacted]	8270E - SVOC	7196A - Dis. Hexavalent Chromium - Field Filter	6010D, 7470A - Total RCRA8, Cu, Zn	8260D - VOC	8082A - PCB	7196A - Total Hex Chrom	9012B - Total Cyanide	1677_Free - Free Cyanide	Total Number of containers	Special Instructions/Note:
			Preservation Code:		X	X	N	N	D	N	N	N	N	D	A	N	N	B	B	X	
SB-8-GW-18-28	10/18	0955	G	Water	X				X			X	X	X	X	X	X	X	X		
SB-11-GW-18-28	10/18	1120	G	Water	X				X			X	X	X	X	X	X	X	X		
SB-9-GW-24-34	10/18	1340	G	Water	X									X	X		X	X	X		
TB-12	—	—	—	Water											X						
				Water																	
				Water																	
				Water																	
				Water																	
				Water																	
				Water																	
				Water																	



Possible Hazard Identification	Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)
☐ Non-Hazard ☐ Flammable ☐ Skin Irritant ☐ Poison B ☐ Unknown ☐ Radiological	☐ Return To Client ☐ Disposal By Lab ☐ Archive For _____ Months
Deliverable Requested: I, II, III, IV, Other (specify)	Special Instructions/QC Requirements:

Empty Kit Relinquished by:	Date:	Time:	Method of Shipment:

	Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company
1	Nathan Waite	10/18/24	1450	[redacted]	10/18/24 1453	EUR
2	[redacted]	10/18/24 1600	EUR	[redacted]	10/18/24 1800	Eurofins
3	Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company

Custody Seals Intact: Δ Yes Δ No	Custody Seal No.:	Cooler Temperature(s) °C and Other Remarks:

Ver: 05/06/2024

11/4/2024

Eurofins – Cleveland Sample Receipt Form/Narrative **Login # :** _____
Barberton Facility

Client August Mack Site Name _____ Cooler unpacked by: JF

Cooler Received on 10/19/24 Opened on 10/19/24

FedEx: 1st Grd Exp UPS FAS Waypoint Client Drop Off (Eurofins Courier) Other _____

Receipt After-hours: Drop-off Date/Time _____ Storage Location _____

Eurofins Cooler # EC Foam Box Client Cooler Box Other _____

Packing material used: (Bubble Wrap) Foam Plastic Bag None Other _____

COOLANT: (Wet Ice) Blue Ice Dry Ice Water None

1. Cooler temperature upon receipt ☐ See Multiple Cooler Form
   IR GUN # 18 (CF -0.3 °C) Observed Cooler Temp. 5.7 °C Corrected Cooler Temp. 5.4 °C

2. Were tamper/custody seals on the outside of the cooler(s)? If Yes Quantity_____	Yes (No)	
-Were the seals on the outside of the cooler(s) signed & dated?	Yes No (NA)	**Tests that are not checked for pH by Receiving:**
-Were tamper/custody seals on the bottle(s) or bottle kits (LLHg/MeHg)?	Yes (No)	**VOAs**
-Were tamper/custody seals intact and uncompromised?	Yes No (NA)	**Oil and Grease**
3. Shippers' packing slip attached to the cooler(s)?	Yes (No)	**TOC**
4. Did custody papers accompany the sample(s)?	(Yes) No	
5. Were the custody papers relinquished & signed in the appropriate place?	(Yes) No	
6. Was/were the person(s) who collected the samples clearly identified on the COC?	(Yes) No	
7. Did all bottles arrive in good condition (Unbroken)?	(Yes) No	
8. Could all bottle labels (ID/Date/Time) be reconciled with the COC?	(Yes) No	
9. For each sample, does the COC specify preservatives (Y/N), # of containers (Y(N), and sample type of grab/comp(Y/N)?		
10. Were correct bottle(s) used for the test(s) indicated?	(Yes) No	
11. Sufficient quantity received to perform indicated analyses?	(Yes) No	
12. Are these work share samples and all listed on the COC?	Yes (No)	
If yes, Questions 13-17 have been checked at the originating laboratory.		
13. Were all preserved sample(s) at the correct pH upon receipt?	(Yes) No NA	pH Strip Lot# HC447997
14. Were VOAs on the COC?	(Yes) No	
15. Were air bubbles >6 mm in any VOA vials? ● ← Larger than this.	Yes (No) NA	
16. Was a VOA trip blank present in the cooler(s)? Trip Blank Lot # 0041301I	(Yes) No	
17. Was a LL Hg or Me Hg trip blank present? _____	Yes (No)	

Contacted PM _____ Date _____ by _____ via Verbal Voice Mail Other

Concerning _____

18. CHAIN OF CUSTODY & SAMPLE DISCREPANCIES ☐ additional next page | Samples processed by:

_____

_____

_____

_____

19. SAMPLE CONDITION

Sample(s) _____ were received after the recommended holding time had expired.

Sample(s) _____ were received in a broken container.

Sample(s) _____ were received with bubble >6 mm in diameter. (Notify PM)

20. SAMPLE PRESERVATION

Sample(s) _____ were further preserved in the laboratory.

Time preserved: _____ Preservative(s) added/Lot number(s): _____

VOA Sample Preservation - Date/Time VOAs Frozen: _____

10/19/2024

Login Container Summary Report

240-213376

11/4/2024

Temperature readings: _____

Client Sample ID	Lab ID	Container Type	Container pH	Container Temp	Preservation Added	Preservation Lot Number
SB-8-GW-18-28	240-213376-A-1	Voa Vial 40ml - Hydrochloric Acid				
SB-8-GW-18-28	240-213376-B-1	Voa Vial 40ml - Hydrochloric Acid				
SB-8-GW-18-28	240-213376-C-1	Voa Vial 40ml - Hydrochloric Acid				
SB-8-GW-18-28	240-213376-D-1	Amber Plastic 125 mL - NaOH	>12			
SB-8-GW-18-28	240-213376-E-1	Amber Glass 250ml - unpreserved				
SB-8-GW-18-28	240-213376-F-1	Amber Glass 250ml - unpreserved				
SB-8-GW-18-28	240-213376-G-1	Plastic 250ml - with Zinc Acetate & NaOH	<9			
SB-8-GW-18-28	240-213376-H-1	Plastic 500ml - unpreserved				
SB-8-GW-18-28	240-213376-I-1	Plastic 500 mL - unpreserved - dis				
SB-8-GW-18-28	240-213376-J-1	Plastic 500ml - with Nitric Acid	<2			
SB-8-GW-18-28	240-213376-K-1	Plastic 500ml - w/ Nitric - Dis.	<2			
SB-8-GW-18-28	240-213376-L-1	Amber Glass 1 liter - unpreserved				
SB-8-GW-18-28	240-213376-M-1	Amber Glass 1 liter - unpreserved				
SB-11-GW-18-28	240-213376-A-2	Voa Vial 40ml - Hydrochloric Acid				
SB-11-GW-18-28	240-213376-B-2	Voa Vial 40ml - Hydrochloric Acid				
SB-11-GW-18-28	240-213376-C-2	Voa Vial 40ml - Hydrochloric Acid				
SB-11-GW-18-28	240-213376-D-2	Amber Plastic 125 mL - NaOH	>12			
SB-11-GW-18-28	240-213376-E-2	Amber Glass 250ml - unpreserved				
SB-11-GW-18-28	240-213376-F-2	Amber Glass 250ml - unpreserved				
SB-11-GW-18-28	240-213376-G-2	Plastic 250ml - with Zinc Acetate & NaOH	<9			
SB-11-GW-18-28	240-213376-H-2	Plastic 500ml - unpreserved				
SB-11-GW-18-28	240-213376-I-2	Plastic 500 mL - unpreserved - dis				
SB-11-GW-18-28	240-213376-J-2	Plastic 500ml - with Nitric Acid	<2			
SB-11-GW-18-28	240-213376-K-2	Plastic 500ml - w/ Nitric - Dis.	<2			
SB-11-GW-18-28	240-213376-L-2	Amber Glass 1 liter - unpreserved				
SB-11-GW-18-28	240-213376-M-2	Amber Glass 1 liter - unpreserved				
SB-9-GW-24-34	240-213376-A-3	Amber Plastic 125 mL - NaOH	>12			
SB-9-GW-24-34	240-213376-B-3	Plastic 250ml - with Zinc Acetate & NaOH	>9			
SB-9-GW-24-34	240-213376-C-3	Plastic 500ml - unpreserved				
SB-9-GW-24-34	240-213376-D-3	Plastic 500ml - with Nitric Acid	<2			
SB-9-GW-24-34	240-213376-E-3	Voa Vial 40ml - Hydrochloric Acid				
SB-9-GW-24-34	240-213376-F-3	Voa Vial 40ml - Hydrochloric Acid				
SB-9-GW-24-34	240-213376-G-3	Voa Vial 40ml - Hydrochloric Acid				
TB-12	240-213376-A-4	Voa Vial 40ml - Hydrochloric Acid				

Eurofins Cleveland
180 S. Van Buren Avenue
Barberton, OH 44203
Phone: 330-497-9396 Fax: 330-497-0772

Chain of Custody Record

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Client Information (Sub Contract Lab)	Sampler: N/A	Lab PM: Kalis, Nicole A	Carrier Tracking No(s): N/A	COC No: 240-192455.1
Client Contact: Shipping/Receiving	Phone: N/A	E-Mail: Nicole.Kalis@et.eurofinsus.com	State of Origin: Ohio	Page: Page 1 of 1
Company: Eurofins Lancaster Laboratories Environm		Accreditations Required (See note): N/A		Job #: 240-213376-1
Address: 2425 New Holland Pike,	Due Date Requested: 10/31/2024			Preservation Codes:
City: Lancaster	TAT Requested (days): N/A			
State, Zip: PA, 17601				
Phone: 717-656-2300(Tel)	PO #: N/A			
Email: N/A	WO #: N/A			
Project Name: MSC Canfield	Project #: 24033889			
Site: N/A	SSOW#: N/A			Other: N/A

Analysis Requested

Sample Identification - Client ID (Lab ID)	Sample Date	Sample Time	Sample Type (C=comp, G=grab)	Matrix (W=water, S=solid, O=waste/oil, BT=Tissue, A=Air)	Field Filtered Sample (Yes or No)	Perform MS/MSD (Yes or No)	1677_Free/ Cyanide, Free	Total Number of containers	Special Instructions/Note:
			Preservation Code:						
SB-8-GW-18-28 (240-213376-1)	10/18/24	09:55 Eastern	G	Water			X	1	Use caution! Site contaminated with solvent waste
SB-11-GW-18-28 (240-213376-2)	10/18/24	11:20 Eastern	G	Water			X	1	Use caution! Site contaminated with solvent waste

Note: Since laboratory accreditations are subject to change, Eurofins Environment Testing North Central, LLC places the ownership of method, analyte & accreditation compliance upon our subcontract laboratories. This sample shipment is forwarded under chain-of-custody. If the laboratory does not currently maintain accreditation in the State of Origin listed above for analysis/tests/matrix being analyzed, the samples must be shipped back to the Eurofins Environment Testing North Central, LLC laboratory or other instructions will be provided. Any changes to accreditation status should be brought to Eurofins Environment Testing North Central, LLC attention immediately. If all requested accreditations are current to date, return the signed Chain of Custody attesting to said compliance to Eurofins Environment Testing North Central, LLC.

Possible Hazard Identification	*Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)*
Unconfirmed	☐ *Return To Client* ☐ *Disposal By Lab* ☐ *Archive For* _____ *Months*
Deliverable Requested: I, II, III, IV, Other (specify) Primary Deliverable Rank: 2	Special Instructions/QC Requirements:

Empty Kit Relinquished by:	Date:	Time:	Method of Shipment:

Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company
10-21-24					
Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company
Relinquished by:	Date/Time:	Company	Received by:	Date/Time: 10/22/24 10:20	Company ELET

Custody Seals Intact: Δ Yes Δ No	Custody Seal No.:	Cooler Temperature(s) °C and Other Remarks: R:3.7 C:3.3

NJ

Ver: 10/10/2024

Login Sample Receipt Checklist

Client: August Mack Environmental, Inc.

Job Number: 240-213376-1

Login Number: 213376
List Number: 2
Creator: Santiago, Nathaniel

List Source: Eurofins Lancaster Laboratories Environment Testing, LLC
List Creation: 10/22/24 11:40 AM

Question	Answer	Comment
The cooler's custody seal is intact.	N/A	
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	True	
Cooler Temperature acceptable,where thermal pres is required(</=6C, not frozen).	True	
Cooler Temperature is recorded.	True	
WV:Container Temp acceptable,where thermal pres is required (</=6C, not frozen).	N/A	
WV: Container Temperature is recorded.	N/A	
COC is present.	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information.	True	
There are no discrepancies between the containers received and the COC.	True	
Sample containers have legible labels.	True	
Containers are not broken or leaking.	True	
Sample collection date/times are provided.	True	
Appropriate sample containers are used.	True	
Sample bottles are completely filled.	True	
There is sufficient vol. for all requested analyses.	True	
Is the Field Sampler's name present on COC?	False	Received project as a subcontract.
Sample custody seals are intact.	N/A	
VOA sample vials do not have headspace >6mm in diameter (none, if from WV)?	N/A	

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ANALYTICAL REPORT

PREPARED FOR

Attn: Kain Lager-Lowe
August Mack Environmental, Inc.
7830 North Central Drive, Suite B
Lewis Center, Ohio 43035

Generated 11/12/2024 9:09:51 AM

JOB DESCRIPTION

MSC Canfield

JOB NUMBER

240-213404-1

Eurofins Cleveland
180 S. Van Buren Avenue
Barberton OH 44203

See page two for job notes and contact information.

my EOL

Job Notes

This report may not be reproduced except in full, and with written approval from the laboratory. The results relate only to the samples tested. For questions please contact the Project Manager at the e-mail address or telephone number listed on this page.

The test results in this report relate only to the samples as received by the laboratory and will meet all requirements of the methodology, with any exceptions noted. This report shall not be reproduced except in full, without the express written approval of the laboratory. All questions should be directed to the Eurofins Environment Testing North Central, LLC Project Manager.

Authorization



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11/12/2024 9:09:51 AM

Authorized for release by
Nicole Kalis, Project Manager I
Nicole.Kalis@et.eurofinsus.com
(330)497-9396

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Qualifiers

GC/MS VOA

Qualifier	Qualifier Description
*+	LCS and/or LCSD is outside acceptance limits, high biased.
J	Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.

GC/MS Semi VOA

Qualifier	Qualifier Description
B	Compound was found in the blank and sample.
F1	MS and/or MSD recovery exceeds control limits.
F2	MS/MSD RPD exceeds control limits
J	Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.
S1-	Surrogate recovery exceeds control limits, low biased.

Metals

Qualifier	Qualifier Description
J	Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.

General Chemistry

Qualifier	Qualifier Description
F3	Duplicate RPD exceeds the control limit
J	Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.

Glossary

Abbreviation	These commonly used abbreviations may or may not be present in this report.
☼	Listed under the "D" column to designate that the result is reported on a dry weight basis
%R	Percent Recovery
CFL	Contains Free Liquid
CFU	Colony Forming Unit
CNF	Contains No Free Liquid
DER	Duplicate Error Ratio (normalized absolute difference)
Dil Fac	Dilution Factor
DL	Detection Limit (DoD/DOE)
DL, RA, RE, IN	Indicates a Dilution, Re-analysis, Re-extraction, or additional Initial metals/anion analysis of the sample
DLC	Decision Level Concentration (Radiochemistry)
EDL	Estimated Detection Limit (Dioxin)
LOD	Limit of Detection (DoD/DOE)
LOQ	Limit of Quantitation (DoD/DOE)
MCL	EPA recommended "Maximum Contaminant Level"
MDA	Minimum Detectable Activity (Radiochemistry)
MDC	Minimum Detectable Concentration (Radiochemistry)
MDL	Method Detection Limit
ML	Minimum Level (Dioxin)
MPN	Most Probable Number
MQL	Method Quantitation Limit
NC	Not Calculated
ND	Not Detected at the reporting limit (or MDL or EDL if shown)
NEG	Negative / Absent
POS	Positive / Present
PQL	Practical Quantitation Limit
PRES	Presumptive
QC	Quality Control
RER	Relative Error Ratio (Radiochemistry)
RL	Reporting Limit or Requested Limit (Radiochemistry)
RPD	Relative Percent Difference, a measure of the relative difference between two points
TEF	Toxicity Equivalent Factor (Dioxin)
TEQ	Toxicity Equivalent Quotient (Dioxin)

Glossary (Continued)

Abbreviation	These commonly used abbreviations may or may not be present in this report.
TNTC	Too Numerous To Count

Job ID: 240-213404-1 Eurofins Cleveland

Job Narrative
240-213404-1

Analytical test results meet all requirements of the associated regulatory program listed on the Accreditation/Certification Summary Page unless otherwise noted under the individual analysis. Data qualifiers and/or narrative comments are included to explain any exceptions, if applicable.

- Matrix QC may not be reported if insufficient sample is provided or site-specific QC samples were not submitted. In these situations, to demonstrate precision and accuracy at a batch level, a LCS/LCSD may be performed, unless otherwise specified in the method.
- Surrogate and/or isotope dilution analyte recoveries (if applicable) which are outside of the QC window are confirmed unless attributed to a dilution or otherwise noted in the narrative.

Regulated compliance samples (e.g. SDWA, NPDES) must comply with the associated agency requirements/permits.

Receipt
The samples were received on 10/18/2024 4:00 PM. Unless otherwise noted below, the samples arrived in good condition, and, where required, properly preserved and on ice. The temperature of the cooler at receipt time was 4.8°C.

GC/MS VOA
Method 8260D: The continuing calibration verification (CCV) associated with batch 240-632210 recovered above the upper control limit for 1,1,2-Trichloro-1,2,2-trifluoroethane. The samples associated with this CCV were non-detects for the affected analytes; therefore, the data have been reported.

Method 8260D: The continuing calibration verification (CCV) associated with batch 240-632002 recovered above the upper control limit for 1,1,2-Trichloro-1,2,2-trifluoroethane and Bromomethane. The samples associated with this CCV were non-detects for the affected analytes; therefore, the data have been reported.

Method 8260D: The continuing calibration verification (CCV) associated with batch 240-632400 recovered above the upper control limit for 1,1,2-Trichloro-1,2,2-trifluoroethane and Bromomethane. The samples associated with this CCV were non-detects for the affected analytes; therefore, the data have been reported.

Method 8260D: The laboratory control sample (LCS) for preparation batch 240-632517 and analytical batch 240-632400 recovered outside control limits for the following analyte: Methylene Chloride. Methylene Chloride has been identified as a poor performing analyte when analyzed using this method; therefore, re-extraction/re-analysis was not performed.

No additional analytical or quality issues were noted, other than those described above or in the Definitions/ Glossary page.

GC/MS Semi VOA
No additional analytical or quality issues were noted, other than those described above or in the Definitions/ Glossary page.

PCBs
No additional analytical or quality issues were noted, other than those described above or in the Definitions/ Glossary page.

Metals
No additional analytical or quality issues were noted, other than those described above or in the Definitions/ Glossary page.

General Chemistry
Method Moisture: The sample duplicate (DUP) precision for analytical batch 240-631663 was outside control limits. Sample non-homogeneity is suspected.

No additional analytical or quality issues were noted, other than those described above or in the Definitions/ Glossary page.

Method Summary

Client: August Mack Environmental, Inc.
Project/Site: MSC Canfield

Job ID: 240-213404-1

Method	Method Description	Protocol	Laboratory
8260D	Volatile Organic Compounds by GC/MS	SW846	EET CLE
8270E	Semivolatile Organic Compounds (GC/MS)	SW846	EET CLE
8082A	Polychlorinated Biphenyls (PCBs) by Gas Chromatography	SW846	EET CLE
6010D	Metals (ICP)	SW846	EET CLE
7471B	Mercury (CVAA)	SW846	EET CLE
7196A	Chromium, Hexavalent	SW846	ELLE
9012B	Cyanide, Total andor Amenable	SW846	EET CLE
Moisture	Percent Moisture	EPA	EET CLE
OIA-1677	Cyanide, Free (Flow Injection)	OI CORP	ELLE
3050B	Preparation, Metals	SW846	EET CLE
3060A	Alkaline Digestion (Chromium, Hexavalent)	SW846	ELLE
3546	Microwave Extraction	SW846	EET CLE
5030C	Purge and Trap	SW846	EET CLE
7471B	Preparation, Mercury	SW846	EET CLE
9012B	Cyanide, Total and/or Amenable, Distillation	SW846	EET CLE
D3987-85	ASTM Leaching Procedure	ASTM	ELLE

Protocol References:

ASTM = ASTM International

EPA = US Environmental Protection Agency

OI CORP = OI Corporation Instrument Manual.

SW846 = "Test Methods For Evaluating Solid Waste, Physical/Chemical Methods", Third Edition, November 1986 And Its Updates.

Laboratory References:

EET CLE = Eurofins Cleveland, 180 S. Van Buren Avenue, Barberton, OH 44203, TEL (330)497-9396

ELLE = Eurofins Lancaster Laboratories Environment Testing, LLC, 2425 New Holland Pike, Lancaster, PA 17601, TEL (717)656-2300

Sample Summary

Client: August Mack Environmental, Inc.
Project/Site: MSC Canfield

Job ID: 240-213404-1

Lab Sample ID	Client Sample ID	Matrix	Collected	Received
240-213404-1	SB-8-12.0-14.0	Solid	10/17/24 15:56	10/18/24 16:00
240-213404-2	SB-8-20.0-22.0	Solid	10/17/24 16:05	10/18/24 16:00
240-213404-3	SB-DUP-3	Solid	10/17/24 00:00	10/18/24 16:00
240-213404-5	SB-6-8.0-10.0	Solid	10/18/24 08:40	10/18/24 16:00
240-213404-6	SB-6-12.0-14.0	Solid	10/18/24 08:45	10/18/24 16:00
240-213404-7	SB-6-18.0-20.0	Solid	10/18/24 08:52	10/18/24 16:00
240-213404-8	SB-4-8.0-10.0	Solid	10/18/24 11:02	10/18/24 16:00
240-213404-9	SB-4-16.0-18.0	Solid	10/18/24 11:11	10/18/24 16:00

Detection Summary

Client: August Mack Environmental, Inc.
Project/Site: MSC Canfield

Job ID: 240-213404-1

Client Sample ID: SB-8-12.0-14.0 — Lab Sample ID: 240-213404-1

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Bis(2-ethylhexyl) phthalate	120	J B	170	65	ug/Kg	1	☼	8270E	Total/NA
Arsenic	9.6		1.6	0.35	mg/Kg	1	☼	6010D	Total/NA
Barium	29		22	0.14	mg/Kg	1	☼	6010D	Total/NA
Cadmium	0.13	J	0.55	0.053	mg/Kg	1	☼	6010D	Total/NA
Chromium	15		1.1	0.38	mg/Kg	1	☼	6010D	Total/NA
Copper	20		2.7	0.77	mg/Kg	1	☼	6010D	Total/NA
Lead	9.5		1.1	0.31	mg/Kg	1	☼	6010D	Total/NA
Selenium	0.94	J	2.2	0.51	mg/Kg	1	☼	6010D	Total/NA
Zinc	57		5.5	4.0	mg/Kg	1	☼	6010D	Total/NA

Client Sample ID: SB-8-20.0-22.0 — Lab Sample ID: 240-213404-2

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Acetone	710	J	2800	680	ug/Kg	2	☼	8260D	Total/NA
Trichloroethene	27000		700	400	ug/Kg	2	☼	8260D	Total/NA
2-Methylnaphthalene	35	J	49	16	ug/Kg	1	☼	8270E	Total/NA
Benzo[b]fluoranthene	21	J	49	15	ug/Kg	1	☼	8270E	Total/NA
Benzo[g,h,i]perylene	44	J	49	33	ug/Kg	1	☼	8270E	Total/NA
Bis(2-ethylhexyl) phthalate	100	J B	180	68	ug/Kg	1	☼	8270E	Total/NA
Chrysene	19	J	49	17	ug/Kg	1	☼	8270E	Total/NA
Phenanthrene	41	J	49	16	ug/Kg	1	☼	8270E	Total/NA
Pyrene	31	J	49	19	ug/Kg	1	☼	8270E	Total/NA
Arsenic	17		1.6	0.33	mg/Kg	1	☼	6010D	Total/NA
Barium	47		21	0.13	mg/Kg	1	☼	6010D	Total/NA
Cadmium	0.080	J	0.52	0.050	mg/Kg	1	☼	6010D	Total/NA
Chromium	17		1.0	0.35	mg/Kg	1	☼	6010D	Total/NA
Copper	18		2.6	0.72	mg/Kg	1	☼	6010D	Total/NA
Lead	11		1.0	0.29	mg/Kg	1	☼	6010D	Total/NA
Selenium	0.58	J	2.1	0.48	mg/Kg	1	☼	6010D	Total/NA
Zinc	69		5.2	3.7	mg/Kg	1	☼	6010D	Total/NA

Client Sample ID: SB-DUP-3 — Lab Sample ID: 240-213404-3

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Bis(2-ethylhexyl) phthalate	120	J B	180	66	ug/Kg	1	☼	8270E	Total/NA
Arsenic	14		1.7	0.35	mg/Kg	1	☼	6010D	Total/NA
Barium	42		22	0.14	mg/Kg	1	☼	6010D	Total/NA
Cadmium	0.11	J	0.56	0.054	mg/Kg	1	☼	6010D	Total/NA
Chromium	13		1.1	0.38	mg/Kg	1	☼	6010D	Total/NA
Copper	18		2.8	0.78	mg/Kg	1	☼	6010D	Total/NA
Lead	12		1.1	0.31	mg/Kg	1	☼	6010D	Total/NA
Selenium	0.69	J	2.2	0.52	mg/Kg	1	☼	6010D	Total/NA
Zinc	58		5.6	4.0	mg/Kg	1	☼	6010D	Total/NA

Client Sample ID: SB-6-8.0-10.0 — Lab Sample ID: 240-213404-5

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Bis(2-ethylhexyl) phthalate	100	J B	170	64	ug/Kg	1	☼	8270E	Total/NA
Arsenic	29		1.7	0.36	mg/Kg	1	☼	6010D	Total/NA
Barium	34		23	0.14	mg/Kg	1	☼	6010D	Total/NA
Cadmium	0.11	J	0.57	0.054	mg/Kg	1	☼	6010D	Total/NA
Chromium	13		1.1	0.39	mg/Kg	1	☼	6010D	Total/NA

This Detection Summary does not include radiochemical test results.

Client Sample ID: SB-6-8.0-10.0 (Continued) — Lab Sample ID: 240-213404-5

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Copper	22		2.8	0.79	mg/Kg	1	☼	6010D	Total/NA
Lead	12		1.1	0.32	mg/Kg	1	☼	6010D	Total/NA
Zinc	61		5.7	4.1	mg/Kg	1	☼	6010D	Total/NA
Cyanide, Total	0.45	J	0.53	0.42	mg/Kg	1	☼	9012B	Total/NA

Client Sample ID: SB-6-12.0-14.0 — Lab Sample ID: 240-213404-6

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Bis(2-ethylhexyl) phthalate	90	J B	180	66	ug/Kg	1	☼	8270E	Total/NA
Arsenic	12		1.7	0.35	mg/Kg	1	☼	6010D	Total/NA
Barium	20	J	22	0.14	mg/Kg	1	☼	6010D	Total/NA
Cadmium	0.090	J	0.56	0.053	mg/Kg	1	☼	6010D	Total/NA
Chromium	16		1.1	0.38	mg/Kg	1	☼	6010D	Total/NA
Copper	19		2.8	0.78	mg/Kg	1	☼	6010D	Total/NA
Lead	12		1.1	0.31	mg/Kg	1	☼	6010D	Total/NA
Selenium	0.66	J	2.2	0.52	mg/Kg	1	☼	6010D	Total/NA
Zinc	68		5.6	4.0	mg/Kg	1	☼	6010D	Total/NA
Cyanide, Total	0.57	J	0.65	0.52	mg/Kg	1	☼	9012B	Total/NA

Client Sample ID: SB-6-18.0-20.0 — Lab Sample ID: 240-213404-7

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
2-Methylnaphthalene	15	J	45	15	ug/Kg	1	☼	8270E	Total/NA
Bis(2-ethylhexyl) phthalate	81	J B	170	63	ug/Kg	1	☼	8270E	Total/NA
Phenanthrene	15	J	45	15	ug/Kg	1	☼	8270E	Total/NA
Arsenic	12		1.5	0.32	mg/Kg	1	☼	6010D	Total/NA
Barium	27		20	0.13	mg/Kg	1	☼	6010D	Total/NA
Cadmium	0.076	J	0.51	0.049	mg/Kg	1	☼	6010D	Total/NA
Chromium	11		1.0	0.35	mg/Kg	1	☼	6010D	Total/NA
Copper	17		2.6	0.72	mg/Kg	1	☼	6010D	Total/NA
Lead	8.7		1.0	0.29	mg/Kg	1	☼	6010D	Total/NA
Zinc	60		5.1	3.7	mg/Kg	1	☼	6010D	Total/NA

Client Sample ID: SB-4-8.0-10.0 — Lab Sample ID: 240-213404-8

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Bis(2-ethylhexyl) phthalate	97	J B	170	65	ug/Kg	1	☼	8270E	Total/NA
Arsenic	14		1.7	0.36	mg/Kg	1	☼	6010D	Total/NA
Barium	34		23	0.14	mg/Kg	1	☼	6010D	Total/NA
Cadmium	0.088	J	0.57	0.055	mg/Kg	1	☼	6010D	Total/NA
Chromium	13		1.1	0.39	mg/Kg	1	☼	6010D	Total/NA
Copper	21		2.9	0.80	mg/Kg	1	☼	6010D	Total/NA
Lead	15		1.1	0.32	mg/Kg	1	☼	6010D	Total/NA
Selenium	0.79	J	2.3	0.54	mg/Kg	1	☼	6010D	Total/NA
Zinc	68		5.7	4.2	mg/Kg	1	☼	6010D	Total/NA

Client Sample ID: SB-4-16.0-18.0 — Lab Sample ID: 240-213404-9

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Bis(2-ethylhexyl) phthalate	89	J B	180	68	ug/Kg	1	☼	8270E	Total/NA
Arsenic	18		1.8	0.38	mg/Kg	1	☼	6010D	Total/NA
Barium	16	J	24	0.15	mg/Kg	1	☼	6010D	Total/NA
Chromium	12		1.2	0.41	mg/Kg	1	☼	6010D	Total/NA

This Detection Summary does not include radiochemical test results.

Client Sample ID: SB-4-16.0-18.0 (Continued)

Lab Sample ID: 240-213404-9

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Copper	17		3.0	0.84	mg/Kg	1	☼	6010D	Total/NA
Lead	8.7		1.2	0.34	mg/Kg	1	☼	6010D	Total/NA
Selenium	0.61	J	2.4	0.56	mg/Kg	1	☼	6010D	Total/NA
Zinc	55		6.0	4.4	mg/Kg	1	☼	6010D	Total/NA

This Detection Summary does not include radiochemical test results.

Client: August Mack Environmental, Inc.
Project/Site: MSC Canfield

Job ID: 240-213404-1

Client Sample ID: SB-8-12.0-14.0
Date Collected: 10/17/24 15:56
Date Received: 10/18/24 16:00

Lab Sample ID: 240-213404-1
Matrix: Solid
Percent Solids: 87.8

Method: SW846 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		5.6	2.0	ug/Kg	☼	10/22/24 10:32	10/22/24 19:56	1
1,1,2,2-Tetrachloroethane	ND		5.6	1.6	ug/Kg	☼	10/22/24 10:32	10/22/24 19:56	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		5.6	1.4	ug/Kg	☼	10/22/24 10:32	10/22/24 19:56	1
1,1,2-Trichloroethane	ND		5.6	1.3	ug/Kg	☼	10/22/24 10:32	10/22/24 19:56	1
1,1-Dichloroethane	ND		5.6	1.6	ug/Kg	☼	10/22/24 10:32	10/22/24 19:56	1
1,1-Dichloroethene	ND		5.6	2.0	ug/Kg	☼	10/22/24 10:32	10/22/24 19:56	1
1,2,4-Trichlorobenzene	ND		5.6	2.8	ug/Kg	☼	10/22/24 10:32	10/22/24 19:56	1
1,2-Dibromo-3-Chloropropane	ND		11	4.0	ug/Kg	☼	10/22/24 10:32	10/22/24 19:56	1
Ethylene Dibromide	ND		5.6	1.9	ug/Kg	☼	10/22/24 10:32	10/22/24 19:56	1
1,2-Dichlorobenzene	ND		5.6	1.2	ug/Kg	☼	10/22/24 10:32	10/22/24 19:56	1
1,2-Dichloroethane	ND		5.6	2.0	ug/Kg	☼	10/22/24 10:32	10/22/24 19:56	1
1,2-Dichloropropane	ND		5.6	0.95	ug/Kg	☼	10/22/24 10:32	10/22/24 19:56	1
1,3-Dichlorobenzene	ND		5.6	1.8	ug/Kg	☼	10/22/24 10:32	10/22/24 19:56	1
1,4-Dichlorobenzene	ND		5.6	0.98	ug/Kg	☼	10/22/24 10:32	10/22/24 19:56	1
2-Butanone (MEK)	ND		22	4.0	ug/Kg	☼	10/22/24 10:32	10/22/24 19:56	1
2-Hexanone	ND		22	4.6	ug/Kg	☼	10/22/24 10:32	10/22/24 19:56	1
4-Methyl-2-pentanone (MIBK)	ND		22	4.1	ug/Kg	☼	10/22/24 10:32	10/22/24 19:56	1
Acetone	ND		28	23	ug/Kg	☼	10/22/24 10:32	10/22/24 19:56	1
Benzene	ND		5.6	1.7	ug/Kg	☼	10/22/24 10:32	10/22/24 19:56	1
Dichlorobromomethane	ND		5.6	1.7	ug/Kg	☼	10/22/24 10:32	10/22/24 19:56	1
Bromoform	ND		5.6	2.7	ug/Kg	☼	10/22/24 10:32	10/22/24 19:56	1
Bromomethane	ND		5.6	4.6	ug/Kg	☼	10/22/24 10:32	10/22/24 19:56	1
Carbon disulfide	ND		5.6	1.3	ug/Kg	☼	10/22/24 10:32	10/22/24 19:56	1
Carbon tetrachloride	ND		5.6	3.6	ug/Kg	☼	10/22/24 10:32	10/22/24 19:56	1
Chlorobenzene	ND		5.6	1.0	ug/Kg	☼	10/22/24 10:32	10/22/24 19:56	1
Chloroethane	ND		5.6	3.1	ug/Kg	☼	10/22/24 10:32	10/22/24 19:56	1
Chloroform	ND		5.6	2.0	ug/Kg	☼	10/22/24 10:32	10/22/24 19:56	1
Chloromethane	ND		5.6	2.5	ug/Kg	☼	10/22/24 10:32	10/22/24 19:56	1
cis-1,2-Dichloroethene	ND		5.6	1.7	ug/Kg	☼	10/22/24 10:32	10/22/24 19:56	1
cis-1,3-Dichloropropene	ND		5.6	3.2	ug/Kg	☼	10/22/24 10:32	10/22/24 19:56	1
Cyclohexane	ND		11	1.5	ug/Kg	☼	10/22/24 10:32	10/22/24 19:56	1
Chlorodibromomethane	ND		5.6	3.1	ug/Kg	☼	10/22/24 10:32	10/22/24 19:56	1
Dichlorodifluoromethane	ND		5.6	2.5	ug/Kg	☼	10/22/24 10:32	10/22/24 19:56	1
Ethylbenzene	ND		5.6	1.2	ug/Kg	☼	10/22/24 10:32	10/22/24 19:56	1
Isopropylbenzene	ND		5.6	2.1	ug/Kg	☼	10/22/24 10:32	10/22/24 19:56	1
Methyl acetate	ND		28	3.8	ug/Kg	☼	10/22/24 10:32	10/22/24 19:56	1
Methyl tert-butyl ether	ND		5.6	2.2	ug/Kg	☼	10/22/24 10:32	10/22/24 19:56	1
Methylcyclohexane	ND		11	1.4	ug/Kg	☼	10/22/24 10:32	10/22/24 19:56	1
Methylene Chloride	ND		28	13	ug/Kg	☼	10/22/24 10:32	10/22/24 19:56	1
Styrene	ND		5.6	1.3	ug/Kg	☼	10/22/24 10:32	10/22/24 19:56	1
Tetrachloroethene	ND		5.6	2.1	ug/Kg	☼	10/22/24 10:32	10/22/24 19:56	1
Toluene	ND		5.6	0.86	ug/Kg	☼	10/22/24 10:32	10/22/24 19:56	1
trans-1,2-Dichloroethene	ND		5.6	1.6	ug/Kg	☼	10/22/24 10:32	10/22/24 19:56	1
trans-1,3-Dichloropropene	ND		5.6	2.0	ug/Kg	☼	10/22/24 10:32	10/22/24 19:56	1
Trichloroethene	ND		5.6	1.6	ug/Kg	☼	10/22/24 10:32	10/22/24 19:56	1
Trichlorofluoromethane	ND		5.6	3.0	ug/Kg	☼	10/22/24 10:32	10/22/24 19:56	1
Vinyl chloride	ND		5.6	2.0	ug/Kg	☼	10/22/24 10:32	10/22/24 19:56	1
Xylenes, Total	ND		11	1.8	ug/Kg	☼	10/22/24 10:32	10/22/24 19:56	1

Client Sample ID: SB-8-12.0-14.0
Date Collected: 10/17/24 15:56
Date Received: 10/18/24 16:00

Lab Sample ID: 240-213404-1
Matrix: Solid
Percent Solids: 87.8

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
Toluene-d8 (Surr)	*101*		*56 - 125*	*10/22/24 10:32*	*10/22/24 19:56*	*1*
Dibromofluoromethane (Surr)	*101*		*41 - 138*	*10/22/24 10:32*	*10/22/24 19:56*	*1*
4-Bromofluorobenzene (Surr)	*92*		*41 - 143*	*10/22/24 10:32*	*10/22/24 19:56*	*1*
1,2-Dichloroethane-d4 (Surr)	*103*		*58 - 125*	*10/22/24 10:32*	*10/22/24 19:56*	*1*

Method: SW846 8270E - Semivolatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1'-Biphenyl	ND	F2	120	32	ug/Kg	☼	10/24/24 08:36	10/25/24 09:25	1
bis (2-chloroisopropyl) ether	ND	F2	120	30	ug/Kg	☼	10/24/24 08:36	10/25/24 09:25	1
2,4,5-Trichlorophenol	ND	F2	170	38	ug/Kg	☼	10/24/24 08:36	10/25/24 09:25	1
2,4,6-Trichlorophenol	ND	F2	170	34	ug/Kg	☼	10/24/24 08:36	10/25/24 09:25	1
2,4-Dichlorophenol	ND	F2	170	31	ug/Kg	☼	10/24/24 08:36	10/25/24 09:25	1
2,4-Dimethylphenol	ND	F2	170	42	ug/Kg	☼	10/24/24 08:36	10/25/24 09:25	1
2,4-Dinitrophenol	ND	F2 F1	380	200	ug/Kg	☼	10/24/24 08:36	10/25/24 09:25	1
2,4-Dinitrotoluene	ND	F2	230	27	ug/Kg	☼	10/24/24 08:36	10/25/24 09:25	1
2,6-Dinitrotoluene	ND	F2	230	42	ug/Kg	☼	10/24/24 08:36	10/25/24 09:25	1
2-Chloronaphthalene	ND	F2	120	32	ug/Kg	☼	10/24/24 08:36	10/25/24 09:25	1
2-Chlorophenol	ND	F2	120	30	ug/Kg	☼	10/24/24 08:36	10/25/24 09:25	1
2-Methylnaphthalene	ND	F2	46	15	ug/Kg	☼	10/24/24 08:36	10/25/24 09:25	1
2-Methylphenol	ND	F2	230	47	ug/Kg	☼	10/24/24 08:36	10/25/24 09:25	1
2-Nitroaniline	ND	F2	230	44	ug/Kg	☼	10/24/24 08:36	10/25/24 09:25	1
2-Nitrophenol	ND	F2	120	40	ug/Kg	☼	10/24/24 08:36	10/25/24 09:25	1
3,3'-Dichlorobenzidine	ND	F2	170	110	ug/Kg	☼	10/24/24 08:36	10/25/24 09:25	1
3-Nitroaniline	ND	F2	230	40	ug/Kg	☼	10/24/24 08:36	10/25/24 09:25	1
4,6-Dinitro-2-methylphenol	ND	F2 F1	380	120	ug/Kg	☼	10/24/24 08:36	10/25/24 09:25	1
4-Bromophenyl phenyl ether	ND	F2	120	37	ug/Kg	☼	10/24/24 08:36	10/25/24 09:25	1
4-Chloro-3-methylphenol	ND	F2	170	44	ug/Kg	☼	10/24/24 08:36	10/25/24 09:25	1
4-Chloroaniline	ND	F2	170	18	ug/Kg	☼	10/24/24 08:36	10/25/24 09:25	1
4-Chlorophenyl phenyl ether	ND	F2	120	32	ug/Kg	☼	10/24/24 08:36	10/25/24 09:25	1
4-Nitroaniline	ND	F2	230	30	ug/Kg	☼	10/24/24 08:36	10/25/24 09:25	1
4-Nitrophenol	ND		380	100	ug/Kg	☼	10/24/24 08:36	10/25/24 09:25	1
Acenaphthene	ND	F2	46	16	ug/Kg	☼	10/24/24 08:36	10/25/24 09:25	1
Acenaphthylene	ND	F2	46	17	ug/Kg	☼	10/24/24 08:36	10/25/24 09:25	1
Acetophenone	ND	F2	120	29	ug/Kg	☼	10/24/24 08:36	10/25/24 09:25	1
Anthracene	ND	F2	46	14	ug/Kg	☼	10/24/24 08:36	10/25/24 09:25	1
Atrazine	ND	F2	380	80	ug/Kg	☼	10/24/24 08:36	10/25/24 09:25	1
Benzaldehyde	ND	F2	380	65	ug/Kg	☼	10/24/24 08:36	10/25/24 09:25	1
Benzo[a]anthracene	ND	F2	46	17	ug/Kg	☼	10/24/24 08:36	10/25/24 09:25	1
Benzo[a]pyrene	ND	F2	46	16	ug/Kg	☼	10/24/24 08:36	10/25/24 09:25	1
Benzo[b]fluoranthene	ND	F2	46	14	ug/Kg	☼	10/24/24 08:36	10/25/24 09:25	1
Benzo[g,h,i]perylene	ND		46	31	ug/Kg	☼	10/24/24 08:36	10/25/24 09:25	1
Benzo[k]fluoranthene	ND		46	12	ug/Kg	☼	10/24/24 08:36	10/25/24 09:25	1
Bis(2-chloroethoxy)methane	ND	F2	120	23	ug/Kg	☼	10/24/24 08:36	10/25/24 09:25	1
Bis(2-chloroethyl)ether	ND	F2	120	25	ug/Kg	☼	10/24/24 08:36	10/25/24 09:25	1
Bis(2-ethylhexyl) phthalate	**120**	**J B**	170	65	ug/Kg	☼	10/24/24 08:36	10/25/24 09:25	1
Butyl benzyl phthalate	ND	F2	170	59	ug/Kg	☼	10/24/24 08:36	10/25/24 09:25	1
Caprolactam	ND	F2	380	80	ug/Kg	☼	10/24/24 08:36	10/25/24 09:25	1
Carbazole	ND	F2	120	31	ug/Kg	☼	10/24/24 08:36	10/25/24 09:25	1
Chrysene	ND	F2	46	16	ug/Kg	☼	10/24/24 08:36	10/25/24 09:25	1
Dibenz(a,h)anthracene	ND		46	17	ug/Kg	☼	10/24/24 08:36	10/25/24 09:25	1

Client Sample ID: SB-8-12.0-14.0
Date Collected: 10/17/24 15:56
Date Received: 10/18/24 16:00

Lab Sample ID: 240-213404-1
Matrix: Solid
Percent Solids: 87.8

Method: SW846 8270E - Semivolatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Dibenzofuran	ND	F2	120	34	ug/Kg	☼	10/24/24 08:36	10/25/24 09:25	1
Diethyl phthalate	ND	F2	170	50	ug/Kg	☼	10/24/24 08:36	10/25/24 09:25	1
Dimethyl phthalate	ND	F2	170	46	ug/Kg	☼	10/24/24 08:36	10/25/24 09:25	1
Di-n-butyl phthalate	ND	F2	170	59	ug/Kg	☼	10/24/24 08:36	10/25/24 09:25	1
Di-n-octyl phthalate	ND	F1	170	58	ug/Kg	☼	10/24/24 08:36	10/25/24 09:25	1
Fluoranthene	ND	F2	46	16	ug/Kg	☼	10/24/24 08:36	10/25/24 09:25	1
Fluorene	ND	F2	46	16	ug/Kg	☼	10/24/24 08:36	10/25/24 09:25	1
Hexachlorobenzene	ND		46	16	ug/Kg	☼	10/24/24 08:36	10/25/24 09:25	1
Hexachlorobutadiene	ND	F2 F1	120	24	ug/Kg	☼	10/24/24 08:36	10/25/24 09:25	1
Hexachlorocyclopentadiene	ND	F1	380	45	ug/Kg	☼	10/24/24 08:36	10/25/24 09:25	1
Hexachloroethane	ND	F2 F1	120	37	ug/Kg	☼	10/24/24 08:36	10/25/24 09:25	1
Indeno[1,2,3-cd]pyrene	ND		46	14	ug/Kg	☼	10/24/24 08:36	10/25/24 09:25	1
Isophorone	ND	F2	120	30	ug/Kg	☼	10/24/24 08:36	10/25/24 09:25	1
N-Nitrosodi-n-propylamine	ND	F2	120	43	ug/Kg	☼	10/24/24 08:36	10/25/24 09:25	1
N-Nitrosodiphenylamine	ND	F2	120	31	ug/Kg	☼	10/24/24 08:36	10/25/24 09:25	1
Naphthalene	ND		46	15	ug/Kg	☼	10/24/24 08:36	10/25/24 09:25	1
Nitrobenzene	ND	F2	120	25	ug/Kg	☼	10/24/24 08:36	10/25/24 09:25	1
Pentachlorophenol	ND		310	120	ug/Kg	☼	10/24/24 08:36	10/25/24 09:25	1
Phenanthrene	ND	F2	46	15	ug/Kg	☼	10/24/24 08:36	10/25/24 09:25	1
Phenol	ND	F2	120	44	ug/Kg	☼	10/24/24 08:36	10/25/24 09:25	1
Pyrene	ND	F2	46	18	ug/Kg	☼	10/24/24 08:36	10/25/24 09:25	1
3 & 4 Methylphenol	ND	F2	460	47	ug/Kg	☼	10/24/24 08:36	10/25/24 09:25	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Terphenyl-d14 (Surr)	*83*		*37 - 120*	*10/24/24 08:36*	*10/25/24 09:25*	*1*
Phenol-d5 (Surr)	*79*		*29 - 120*	*10/24/24 08:36*	*10/25/24 09:25*	*1*
Nitrobenzene-d5 (Surr)	*68*		*28 - 120*	*10/24/24 08:36*	*10/25/24 09:25*	*1*
2-Fluorophenol (Surr)	*78*		*26 - 120*	*10/24/24 08:36*	*10/25/24 09:25*	*1*
2-Fluorobiphenyl (Surr)	*74*		*36 - 120*	*10/24/24 08:36*	*10/25/24 09:25*	*1*
2,4,6-Tribromophenol (Surr)	*76*		*10 - 120*	*10/24/24 08:36*	*10/25/24 09:25*	*1*

Method: SW846 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aroclor-1016	ND		56	28	ug/Kg	☼	10/23/24 09:32	10/24/24 03:02	1
Aroclor-1221	ND		56	34	ug/Kg	☼	10/23/24 09:32	10/24/24 03:02	1
Aroclor-1232	ND		56	24	ug/Kg	☼	10/23/24 09:32	10/24/24 03:02	1
Aroclor-1242	ND		56	21	ug/Kg	☼	10/23/24 09:32	10/24/24 03:02	1
Aroclor-1248	ND		56	19	ug/Kg	☼	10/23/24 09:32	10/24/24 03:02	1
Aroclor-1254	ND		56	24	ug/Kg	☼	10/23/24 09:32	10/24/24 03:02	1
Aroclor-1260	ND		56	24	ug/Kg	☼	10/23/24 09:32	10/24/24 03:02	1
Aroclor-1262	ND		56	25	ug/Kg	☼	10/23/24 09:32	10/24/24 03:02	1
Aroclor-1268	ND		56	18	ug/Kg	☼	10/23/24 09:32	10/24/24 03:02	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Tetrachloro-m-xylene	*77*		*10 - 149*	*10/23/24 09:32*	*10/24/24 03:02*	*1*
DCB Decachlorobiphenyl	*68*		*10 - 174*	*10/23/24 09:32*	*10/24/24 03:02*	*1*

Method: SW846 6010D - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	**9.6**		1.6	0.35	mg/Kg	☼	10/21/24 15:00	10/22/24 10:54	1

Client: August Mack Environmental, Inc.
Project/Site: MSC Canfield

Job ID: 240-213404-1

Client Sample ID: SB-8-12.0-14.0
Date Collected: 10/17/24 15:56
Date Received: 10/18/24 16:00

Lab Sample ID: 240-213404-1
Matrix: Solid
Percent Solids: 87.8

Method: SW846 6010D - Metals (ICP) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Barium	29		22	0.14	mg/Kg	☼	10/21/24 15:00	10/22/24 10:54	1
Cadmium	0.13	J	0.55	0.053	mg/Kg	☼	10/21/24 15:00	10/22/24 10:54	1
Chromium	15		1.1	0.38	mg/Kg	☼	10/21/24 15:00	10/22/24 10:54	1
Copper	20		2.7	0.77	mg/Kg	☼	10/21/24 15:00	10/22/24 10:54	1
Lead	9.5		1.1	0.31	mg/Kg	☼	10/21/24 15:00	10/22/24 10:54	1
Selenium	0.94	J	2.2	0.51	mg/Kg	☼	10/21/24 15:00	10/22/24 10:54	1
Silver	ND		1.1	0.089	mg/Kg	☼	10/21/24 15:00	10/22/24 10:54	1
Zinc	57		5.5	4.0	mg/Kg	☼	10/21/24 15:00	10/22/24 10:54	1

Method: SW846 7471B - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	ND		0.13	0.024	mg/Kg	☼	10/21/24 15:00	10/22/24 10:35	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cr (VI) (SW846 7196A)	ND		0.47	0.16	mg/Kg	☼	10/31/24 17:59	10/31/24 21:52	1
Cyanide, Total (SW846 9012B)	ND		0.55	0.43	mg/Kg	☼	10/29/24 09:44	10/29/24 12:22	1

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Solids (EPA Moisture)	87.8		0.1	0.1	%			10/21/24 10:30	1
Percent Moisture (EPA Moisture)	12.2		0.1	0.1	%			10/21/24 10:30	1

General Chemistry - ASTM Leach

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cyanide, Free (OI CORP OIA-1677)	ND		0.0060	0.0050	mg/L			10/31/24 15:36	1

Client: August Mack Environmental, Inc.
Project/Site: MSC Canfield

Job ID: 240-213404-1

Client Sample ID: SB-8-20.0-22.0
Date Collected: 10/17/24 16:05
Date Received: 10/18/24 16:00

Lab Sample ID: 240-213404-2
Matrix: Solid
Percent Solids: 82.0

Method: SW846 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		700	220	ug/Kg	☼	10/22/24 16:33	10/24/24 20:46	2
1,1,2,2-Tetrachloroethane	ND		700	420	ug/Kg	☼	10/22/24 16:33	10/24/24 20:46	2
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		700	190	ug/Kg	☼	10/22/24 16:33	10/24/24 20:46	2
1,1,2-Trichloroethane	ND		700	160	ug/Kg	☼	10/22/24 16:33	10/24/24 20:46	2
1,1-Dichloroethane	ND		700	130	ug/Kg	☼	10/22/24 16:33	10/24/24 20:46	2
1,1-Dichloroethene	ND		700	230	ug/Kg	☼	10/22/24 16:33	10/24/24 20:46	2
1,2,4-Trichlorobenzene	ND		700	370	ug/Kg	☼	10/22/24 16:33	10/24/24 20:46	2
1,2-Dibromo-3-Chloropropane	ND		1400	620	ug/Kg	☼	10/22/24 16:33	10/24/24 20:46	2
Ethylene Dibromide	ND		700	220	ug/Kg	☼	10/22/24 16:33	10/24/24 20:46	2
1,2-Dichlorobenzene	ND		700	340	ug/Kg	☼	10/22/24 16:33	10/24/24 20:46	2
1,2-Dichloroethane	ND		700	130	ug/Kg	☼	10/22/24 16:33	10/24/24 20:46	2
1,2-Dichloropropane	ND		700	100	ug/Kg	☼	10/22/24 16:33	10/24/24 20:46	2
1,3-Dichlorobenzene	ND		700	130	ug/Kg	☼	10/22/24 16:33	10/24/24 20:46	2
1,4-Dichlorobenzene	ND		700	150	ug/Kg	☼	10/22/24 16:33	10/24/24 20:46	2
2-Butanone (MEK)	ND		2800	980	ug/Kg	☼	10/22/24 16:33	10/24/24 20:46	2
2-Hexanone	ND		2800	740	ug/Kg	☼	10/22/24 16:33	10/24/24 20:46	2
4-Methyl-2-pentanone (MIBK)	ND		2800	670	ug/Kg	☼	10/22/24 16:33	10/24/24 20:46	2
Acetone	**710**	**J**	2800	680	ug/Kg	☼	10/22/24 16:33	10/24/24 20:46	2
Benzene	ND		700	120	ug/Kg	☼	10/22/24 16:33	10/24/24 20:46	2
Dichlorobromomethane	ND		700	170	ug/Kg	☼	10/22/24 16:33	10/24/24 20:46	2
Bromoform	ND		700	640	ug/Kg	☼	10/22/24 16:33	10/24/24 20:46	2
Bromomethane	ND		700	460	ug/Kg	☼	10/22/24 16:33	10/24/24 20:46	2
Carbon disulfide	ND		700	300	ug/Kg	☼	10/22/24 16:33	10/24/24 20:46	2
Carbon tetrachloride	ND		700	290	ug/Kg	☼	10/22/24 16:33	10/24/24 20:46	2
Chlorobenzene	ND		700	98	ug/Kg	☼	10/22/24 16:33	10/24/24 20:46	2
Chloroethane	ND		700	420	ug/Kg	☼	10/22/24 16:33	10/24/24 20:46	2
Chloroform	ND		700	150	ug/Kg	☼	10/22/24 16:33	10/24/24 20:46	2
Chloromethane	ND		700	390	ug/Kg	☼	10/22/24 16:33	10/24/24 20:46	2
cis-1,2-Dichloroethene	ND		700	230	ug/Kg	☼	10/22/24 16:33	10/24/24 20:46	2
cis-1,3-Dichloropropene	ND		700	350	ug/Kg	☼	10/22/24 16:33	10/24/24 20:46	2
Cyclohexane	ND		1400	460	ug/Kg	☼	10/22/24 16:33	10/24/24 20:46	2
Chlorodibromomethane	ND		700	330	ug/Kg	☼	10/22/24 16:33	10/24/24 20:46	2
Dichlorodifluoromethane	ND		700	460	ug/Kg	☼	10/22/24 16:33	10/24/24 20:46	2
Ethylbenzene	ND		700	130	ug/Kg	☼	10/22/24 16:33	10/24/24 20:46	2
Isopropylbenzene	ND		700	220	ug/Kg	☼	10/22/24 16:33	10/24/24 20:46	2
Methyl acetate	ND		3500	470	ug/Kg	☼	10/22/24 16:33	10/24/24 20:46	2
Methyl tert-butyl ether	ND		700	230	ug/Kg	☼	10/22/24 16:33	10/24/24 20:46	2
Methylcyclohexane	ND		1400	180	ug/Kg	☼	10/22/24 16:33	10/24/24 20:46	2
Methylene Chloride	ND		1400	1100	ug/Kg	☼	10/22/24 16:33	10/24/24 20:46	2
Styrene	ND		700	150	ug/Kg	☼	10/22/24 16:33	10/24/24 20:46	2
Tetrachloroethene	ND		700	270	ug/Kg	☼	10/22/24 16:33	10/24/24 20:46	2
Toluene	ND		700	180	ug/Kg	☼	10/22/24 16:33	10/24/24 20:46	2
trans-1,2-Dichloroethene	ND		700	170	ug/Kg	☼	10/22/24 16:33	10/24/24 20:46	2
trans-1,3-Dichloropropene	ND		700	290	ug/Kg	☼	10/22/24 16:33	10/24/24 20:46	2
Trichloroethene	**27000**		700	400	ug/Kg	☼	10/22/24 16:33	10/24/24 20:46	2
Trichlorofluoromethane	ND		700	380	ug/Kg	☼	10/22/24 16:33	10/24/24 20:46	2
Vinyl chloride	ND		700	340	ug/Kg	☼	10/22/24 16:33	10/24/24 20:46	2
Xylenes, Total	ND		1400	250	ug/Kg	☼	10/22/24 16:33	10/24/24 20:46	2

Client: August Mack Environmental, Inc.
Project/Site: MSC Canfield

Job ID: 240-213404-1

Client Sample ID: SB-8-20.0-22.0
Date Collected: 10/17/24 16:05
Date Received: 10/18/24 16:00

Lab Sample ID: 240-213404-2
Matrix: Solid
Percent Solids: 82.0

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Toluene-d8 (Surr)	*103*		*56 - 125*	*10/22/24 16:33*	*10/24/24 20:46*	*2*
Dibromofluoromethane (Surr)	*96*		*41 - 138*	*10/22/24 16:33*	*10/24/24 20:46*	*2*
4-Bromofluorobenzene (Surr)	*91*		*41 - 143*	*10/22/24 16:33*	*10/24/24 20:46*	*2*
1,2-Dichloroethane-d4 (Surr)	*96*		*58 - 125*	*10/22/24 16:33*	*10/24/24 20:46*	*2*

Method: SW846 8270E - Semivolatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1'-Biphenyl	ND		120	34	ug/Kg	☼	10/24/24 08:36	10/25/24 10:37	1
bis (2-chloroisopropyl) ether	ND		120	32	ug/Kg	☼	10/24/24 08:36	10/25/24 10:37	1
2,4,5-Trichlorophenol	ND		180	40	ug/Kg	☼	10/24/24 08:36	10/25/24 10:37	1
2,4,6-Trichlorophenol	ND		180	35	ug/Kg	☼	10/24/24 08:36	10/25/24 10:37	1
2,4-Dichlorophenol	ND		180	33	ug/Kg	☼	10/24/24 08:36	10/25/24 10:37	1
2,4-Dimethylphenol	ND		180	44	ug/Kg	☼	10/24/24 08:36	10/25/24 10:37	1
2,4-Dinitrophenol	ND		400	210	ug/Kg	☼	10/24/24 08:36	10/25/24 10:37	1
2,4-Dinitrotoluene	ND		240	28	ug/Kg	☼	10/24/24 08:36	10/25/24 10:37	1
2,6-Dinitrotoluene	ND		240	44	ug/Kg	☼	10/24/24 08:36	10/25/24 10:37	1
2-Chloronaphthalene	ND		120	34	ug/Kg	☼	10/24/24 08:36	10/25/24 10:37	1
2-Chlorophenol	ND		120	32	ug/Kg	☼	10/24/24 08:36	10/25/24 10:37	1
2-Methylnaphthalene	**35**	**J**	49	16	ug/Kg	☼	10/24/24 08:36	10/25/24 10:37	1
2-Methylphenol	ND		240	50	ug/Kg	☼	10/24/24 08:36	10/25/24 10:37	1
2-Nitroaniline	ND		240	46	ug/Kg	☼	10/24/24 08:36	10/25/24 10:37	1
2-Nitrophenol	ND		120	42	ug/Kg	☼	10/24/24 08:36	10/25/24 10:37	1
3,3'-Dichlorobenzidine	ND		180	120	ug/Kg	☼	10/24/24 08:36	10/25/24 10:37	1
3-Nitroaniline	ND		240	42	ug/Kg	☼	10/24/24 08:36	10/25/24 10:37	1
4,6-Dinitro-2-methylphenol	ND		400	130	ug/Kg	☼	10/24/24 08:36	10/25/24 10:37	1
4-Bromophenyl phenyl ether	ND		120	39	ug/Kg	☼	10/24/24 08:36	10/25/24 10:37	1
4-Chloro-3-methylphenol	ND		180	46	ug/Kg	☼	10/24/24 08:36	10/25/24 10:37	1
4-Chloroaniline	ND		180	19	ug/Kg	☼	10/24/24 08:36	10/25/24 10:37	1
4-Chlorophenyl phenyl ether	ND		120	34	ug/Kg	☼	10/24/24 08:36	10/25/24 10:37	1
4-Nitroaniline	ND		240	32	ug/Kg	☼	10/24/24 08:36	10/25/24 10:37	1
4-Nitrophenol	ND		400	110	ug/Kg	☼	10/24/24 08:36	10/25/24 10:37	1
Acenaphthene	ND		49	17	ug/Kg	☼	10/24/24 08:36	10/25/24 10:37	1
Acenaphthylene	ND		49	18	ug/Kg	☼	10/24/24 08:36	10/25/24 10:37	1
Acetophenone	ND		120	30	ug/Kg	☼	10/24/24 08:36	10/25/24 10:37	1
Anthracene	ND		49	15	ug/Kg	☼	10/24/24 08:36	10/25/24 10:37	1
Atrazine	ND		400	84	ug/Kg	☼	10/24/24 08:36	10/25/24 10:37	1
Benzaldehyde	ND		400	68	ug/Kg	☼	10/24/24 08:36	10/25/24 10:37	1
Benzo[a]anthracene	ND		49	18	ug/Kg	☼	10/24/24 08:36	10/25/24 10:37	1
Benzo[a]pyrene	ND		49	17	ug/Kg	☼	10/24/24 08:36	10/25/24 10:37	1
Benzo[b]fluoranthene	**21**	**J**	49	15	ug/Kg	☼	10/24/24 08:36	10/25/24 10:37	1
Benzo[g,h,i]perylene	**44**	**J**	49	33	ug/Kg	☼	10/24/24 08:36	10/25/24 10:37	1
Benzo[k]fluoranthene	ND		49	12	ug/Kg	☼	10/24/24 08:36	10/25/24 10:37	1
Bis(2-chloroethoxy)methane	ND		120	24	ug/Kg	☼	10/24/24 08:36	10/25/24 10:37	1
Bis(2-chloroethyl)ether	ND		120	27	ug/Kg	☼	10/24/24 08:36	10/25/24 10:37	1
Bis(2-ethylhexyl) phthalate	**100**	**J B**	180	68	ug/Kg	☼	10/24/24 08:36	10/25/24 10:37	1
Butyl benzyl phthalate	ND		180	62	ug/Kg	☼	10/24/24 08:36	10/25/24 10:37	1
Caprolactam	ND		400	84	ug/Kg	☼	10/24/24 08:36	10/25/24 10:37	1
Carbazole	ND		120	33	ug/Kg	☼	10/24/24 08:36	10/25/24 10:37	1
Chrysene	**19**	**J**	49	17	ug/Kg	☼	10/24/24 08:36	10/25/24 10:37	1
Dibenz(a,h)anthracene	ND		49	18	ug/Kg	☼	10/24/24 08:36	10/25/24 10:37	1

Client Sample ID: SB-8-20.0-22.0
Date Collected: 10/17/24 16:05
Date Received: 10/18/24 16:00

Lab Sample ID: 240-213404-2
Matrix: Solid
Percent Solids: 82.0

Method: SW846 8270E - Semivolatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Dibenzofuran	ND		120	35	ug/Kg	☼	10/24/24 08:36	10/25/24 10:37	1
Diethyl phthalate	ND		180	52	ug/Kg	☼	10/24/24 08:36	10/25/24 10:37	1
Dimethyl phthalate	ND		180	49	ug/Kg	☼	10/24/24 08:36	10/25/24 10:37	1
Di-n-butyl phthalate	ND		180	62	ug/Kg	☼	10/24/24 08:36	10/25/24 10:37	1
Di-n-octyl phthalate	ND		180	61	ug/Kg	☼	10/24/24 08:36	10/25/24 10:37	1
Fluoranthene	ND		49	17	ug/Kg	☼	10/24/24 08:36	10/25/24 10:37	1
Fluorene	ND		49	17	ug/Kg	☼	10/24/24 08:36	10/25/24 10:37	1
Hexachlorobenzene	ND		49	17	ug/Kg	☼	10/24/24 08:36	10/25/24 10:37	1
Hexachlorobutadiene	ND		120	25	ug/Kg	☼	10/24/24 08:36	10/25/24 10:37	1
Hexachlorocyclopentadiene	ND		400	47	ug/Kg	☼	10/24/24 08:36	10/25/24 10:37	1
Hexachloroethane	ND		120	39	ug/Kg	☼	10/24/24 08:36	10/25/24 10:37	1
Indeno[1,2,3-cd]pyrene	ND		49	15	ug/Kg	☼	10/24/24 08:36	10/25/24 10:37	1
Isophorone	ND		120	32	ug/Kg	☼	10/24/24 08:36	10/25/24 10:37	1
N-Nitrosodi-n-propylamine	ND		120	45	ug/Kg	☼	10/24/24 08:36	10/25/24 10:37	1
N-Nitrosodiphenylamine	ND		120	33	ug/Kg	☼	10/24/24 08:36	10/25/24 10:37	1
Naphthalene	ND		49	16	ug/Kg	☼	10/24/24 08:36	10/25/24 10:37	1
Nitrobenzene	ND		120	27	ug/Kg	☼	10/24/24 08:36	10/25/24 10:37	1
Pentachlorophenol	ND		330	130	ug/Kg	☼	10/24/24 08:36	10/25/24 10:37	1
Phenanthrene	**41**	**J**	49	16	ug/Kg	☼	10/24/24 08:36	10/25/24 10:37	1
Phenol	ND		120	46	ug/Kg	☼	10/24/24 08:36	10/25/24 10:37	1
Pyrene	**31**	**J**	49	19	ug/Kg	☼	10/24/24 08:36	10/25/24 10:37	1
3 & 4 Methylphenol	ND		490	50	ug/Kg	☼	10/24/24 08:36	10/25/24 10:37	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Terphenyl-d14 (Surr)	*65*		*37 - 120*	*10/24/24 08:36*	*10/25/24 10:37*	*1*
Phenol-d5 (Surr)	*64*		*29 - 120*	*10/24/24 08:36*	*10/25/24 10:37*	*1*
Nitrobenzene-d5 (Surr)	*56*		*28 - 120*	*10/24/24 08:36*	*10/25/24 10:37*	*1*
2-Fluorophenol (Surr)	*65*		*26 - 120*	*10/24/24 08:36*	*10/25/24 10:37*	*1*
2-Fluorobiphenyl (Surr)	*60*		*36 - 120*	*10/24/24 08:36*	*10/25/24 10:37*	*1*
2,4,6-Tribromophenol (Surr)	*43*		*10 - 120*	*10/24/24 08:36*	*10/25/24 10:37*	*1*

Method: SW846 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aroclor-1016	ND		58	29	ug/Kg	☼	10/23/24 09:32	10/24/24 03:18	1
Aroclor-1221	ND		58	35	ug/Kg	☼	10/23/24 09:32	10/24/24 03:18	1
Aroclor-1232	ND		58	24	ug/Kg	☼	10/23/24 09:32	10/24/24 03:18	1
Aroclor-1242	ND		58	22	ug/Kg	☼	10/23/24 09:32	10/24/24 03:18	1
Aroclor-1248	ND		58	20	ug/Kg	☼	10/23/24 09:32	10/24/24 03:18	1
Aroclor-1254	ND		58	24	ug/Kg	☼	10/23/24 09:32	10/24/24 03:18	1
Aroclor-1260	ND		58	24	ug/Kg	☼	10/23/24 09:32	10/24/24 03:18	1
Aroclor-1262	ND		58	26	ug/Kg	☼	10/23/24 09:32	10/24/24 03:18	1
Aroclor-1268	ND		58	19	ug/Kg	☼	10/23/24 09:32	10/24/24 03:18	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Tetrachloro-m-xylene	*66*		*10 - 149*	*10/23/24 09:32*	*10/24/24 03:18*	*1*
DCB Decachlorobiphenyl	*58*		*10 - 174*	*10/23/24 09:32*	*10/24/24 03:18*	*1*

Method: SW846 6010D - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	**17**		1.6	0.33	mg/Kg	☼	10/21/24 15:00	10/22/24 11:07	1

Client: August Mack Environmental, Inc.
Project/Site: MSC Canfield

Job ID: 240-213404-1

Client Sample ID: SB-8-20.0-22.0
Date Collected: 10/17/24 16:05
Date Received: 10/18/24 16:00

Lab Sample ID: 240-213404-2
Matrix: Solid
Percent Solids: 82.0

Method: SW846 6010D - Metals (ICP) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Barium	47		21	0.13	mg/Kg	☼	10/21/24 15:00	10/22/24 11:07	1
Cadmium	0.080	J	0.52	0.050	mg/Kg	☼	10/21/24 15:00	10/22/24 11:07	1
Chromium	17		1.0	0.35	mg/Kg	☼	10/21/24 15:00	10/22/24 11:07	1
Copper	18		2.6	0.72	mg/Kg	☼	10/21/24 15:00	10/22/24 11:07	1
Lead	11		1.0	0.29	mg/Kg	☼	10/21/24 15:00	10/22/24 11:07	1
Selenium	0.58	J	2.1	0.48	mg/Kg	☼	10/21/24 15:00	10/22/24 11:07	1
Silver	ND		1.0	0.084	mg/Kg	☼	10/21/24 15:00	10/22/24 11:07	1
Zinc	69		5.2	3.7	mg/Kg	☼	10/21/24 15:00	10/22/24 11:07	1

Method: SW846 7471B - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	ND		0.11	0.021	mg/Kg	☼	10/21/24 15:00	10/22/24 10:37	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cr (VI) (SW846 7196A)	ND		0.49	0.16	mg/Kg	☼	10/31/24 17:59	10/31/24 21:52	1
Cyanide, Total (SW846 9012B)	ND		0.59	0.47	mg/Kg	☼	10/29/24 09:44	10/29/24 12:28	1

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Solids (EPA Moisture)	82.0		0.1	0.1	%			10/21/24 10:30	1
Percent Moisture (EPA Moisture)	18.0		0.1	0.1	%			10/21/24 10:30	1

General Chemistry - ASTM Leach

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cyanide, Free (OI CORP OIA-1677)	ND		0.0060	0.0050	mg/L			10/30/24 15:17	1

Client: August Mack Environmental, Inc.
Project/Site: MSC Canfield

Job ID: 240-213404-1

Client Sample ID: SB-DUP-3
Date Collected: 10/17/24 00:00
Date Received: 10/18/24 16:00

Lab Sample ID: 240-213404-3
Matrix: Solid
Percent Solids: 86.1

Method: SW846 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		5.8	2.0	ug/Kg	☼	10/22/24 10:32	10/22/24 20:17	1
1,1,2,2-Tetrachloroethane	ND		5.8	1.7	ug/Kg	☼	10/22/24 10:32	10/22/24 20:17	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		5.8	1.5	ug/Kg	☼	10/22/24 10:32	10/22/24 20:17	1
1,1,2-Trichloroethane	ND		5.8	1.3	ug/Kg	☼	10/22/24 10:32	10/22/24 20:17	1
1,1-Dichloroethane	ND		5.8	1.6	ug/Kg	☼	10/22/24 10:32	10/22/24 20:17	1
1,1-Dichloroethene	ND		5.8	2.1	ug/Kg	☼	10/22/24 10:32	10/22/24 20:17	1
1,2,4-Trichlorobenzene	ND		5.8	2.9	ug/Kg	☼	10/22/24 10:32	10/22/24 20:17	1
1,2-Dibromo-3-Chloropropane	ND		12	4.2	ug/Kg	☼	10/22/24 10:32	10/22/24 20:17	1
Ethylene Dibromide	ND		5.8	1.9	ug/Kg	☼	10/22/24 10:32	10/22/24 20:17	1
1,2-Dichlorobenzene	ND		5.8	1.3	ug/Kg	☼	10/22/24 10:32	10/22/24 20:17	1
1,2-Dichloroethane	ND		5.8	2.1	ug/Kg	☼	10/22/24 10:32	10/22/24 20:17	1
1,2-Dichloropropane	ND		5.8	0.98	ug/Kg	☼	10/22/24 10:32	10/22/24 20:17	1
1,3-Dichlorobenzene	ND		5.8	1.9	ug/Kg	☼	10/22/24 10:32	10/22/24 20:17	1
1,4-Dichlorobenzene	ND		5.8	1.0	ug/Kg	☼	10/22/24 10:32	10/22/24 20:17	1
2-Butanone (MEK)	ND		23	4.1	ug/Kg	☼	10/22/24 10:32	10/22/24 20:17	1
2-Hexanone	ND		23	4.7	ug/Kg	☼	10/22/24 10:32	10/22/24 20:17	1
4-Methyl-2-pentanone (MIBK)	ND		23	4.3	ug/Kg	☼	10/22/24 10:32	10/22/24 20:17	1
Acetone	ND		29	24	ug/Kg	☼	10/22/24 10:32	10/22/24 20:17	1
Benzene	ND		5.8	1.7	ug/Kg	☼	10/22/24 10:32	10/22/24 20:17	1
Dichlorobromomethane	ND		5.8	1.7	ug/Kg	☼	10/22/24 10:32	10/22/24 20:17	1
Bromoform	ND		5.8	2.8	ug/Kg	☼	10/22/24 10:32	10/22/24 20:17	1
Bromomethane	ND		5.8	4.8	ug/Kg	☼	10/22/24 10:32	10/22/24 20:17	1
Carbon disulfide	ND		5.8	1.3	ug/Kg	☼	10/22/24 10:32	10/22/24 20:17	1
Carbon tetrachloride	ND		5.8	3.8	ug/Kg	☼	10/22/24 10:32	10/22/24 20:17	1
Chlorobenzene	ND		5.8	1.1	ug/Kg	☼	10/22/24 10:32	10/22/24 20:17	1
Chloroethane	ND		5.8	3.2	ug/Kg	☼	10/22/24 10:32	10/22/24 20:17	1
Chloroform	ND		5.8	2.1	ug/Kg	☼	10/22/24 10:32	10/22/24 20:17	1
Chloromethane	ND		5.8	2.6	ug/Kg	☼	10/22/24 10:32	10/22/24 20:17	1
cis-1,2-Dichloroethene	ND		5.8	1.7	ug/Kg	☼	10/22/24 10:32	10/22/24 20:17	1
cis-1,3-Dichloropropene	ND		5.8	3.3	ug/Kg	☼	10/22/24 10:32	10/22/24 20:17	1
Cyclohexane	ND		12	1.6	ug/Kg	☼	10/22/24 10:32	10/22/24 20:17	1
Chlorodibromomethane	ND		5.8	3.2	ug/Kg	☼	10/22/24 10:32	10/22/24 20:17	1
Dichlorodifluoromethane	ND		5.8	2.6	ug/Kg	☼	10/22/24 10:32	10/22/24 20:17	1
Ethylbenzene	ND		5.8	1.2	ug/Kg	☼	10/22/24 10:32	10/22/24 20:17	1
Isopropylbenzene	ND		5.8	2.2	ug/Kg	☼	10/22/24 10:32	10/22/24 20:17	1
Methyl acetate	ND		29	3.9	ug/Kg	☼	10/22/24 10:32	10/22/24 20:17	1
Methyl tert-butyl ether	ND		5.8	2.3	ug/Kg	☼	10/22/24 10:32	10/22/24 20:17	1
Methylcyclohexane	ND		12	1.4	ug/Kg	☼	10/22/24 10:32	10/22/24 20:17	1
Methylene Chloride	ND		29	14	ug/Kg	☼	10/22/24 10:32	10/22/24 20:17	1
Styrene	ND		5.8	1.3	ug/Kg	☼	10/22/24 10:32	10/22/24 20:17	1
Tetrachloroethene	ND		5.8	2.2	ug/Kg	☼	10/22/24 10:32	10/22/24 20:17	1
Toluene	ND		5.8	0.89	ug/Kg	☼	10/22/24 10:32	10/22/24 20:17	1
trans-1,2-Dichloroethene	ND		5.8	1.6	ug/Kg	☼	10/22/24 10:32	10/22/24 20:17	1
trans-1,3-Dichloropropene	ND		5.8	2.1	ug/Kg	☼	10/22/24 10:32	10/22/24 20:17	1
Trichloroethene	ND		5.8	1.7	ug/Kg	☼	10/22/24 10:32	10/22/24 20:17	1
Trichlorofluoromethane	ND		5.8	3.1	ug/Kg	☼	10/22/24 10:32	10/22/24 20:17	1
Vinyl chloride	ND		5.8	2.0	ug/Kg	☼	10/22/24 10:32	10/22/24 20:17	1
Xylenes, Total	ND		12	1.8	ug/Kg	☼	10/22/24 10:32	10/22/24 20:17	1

Client Sample ID: SB-DUP-3
Date Collected: 10/17/24 00:00
Date Received: 10/18/24 16:00

Lab Sample ID: 240-213404-3
Matrix: Solid
Percent Solids: 86.1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Toluene-d8 (Surr)	*100*		*56 - 125*	*10/22/24 10:32*	*10/22/24 20:17*	*1*
Dibromofluoromethane (Surr)	*97*		*41 - 138*	*10/22/24 10:32*	*10/22/24 20:17*	*1*
4-Bromofluorobenzene (Surr)	*92*		*41 - 143*	*10/22/24 10:32*	*10/22/24 20:17*	*1*
1,2-Dichloroethane-d4 (Surr)	*99*		*58 - 125*	*10/22/24 10:32*	*10/22/24 20:17*	*1*

Method: SW846 8270E - Semivolatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1'-Biphenyl	ND		120	33	ug/Kg	☼	10/24/24 08:36	10/25/24 11:01	1
bis (2-chloroisopropyl) ether	ND		120	31	ug/Kg	☼	10/24/24 08:36	10/25/24 11:01	1
2,4,5-Trichlorophenol	ND		180	39	ug/Kg	☼	10/24/24 08:36	10/25/24 11:01	1
2,4,6-Trichlorophenol	ND		180	34	ug/Kg	☼	10/24/24 08:36	10/25/24 11:01	1
2,4-Dichlorophenol	ND		180	32	ug/Kg	☼	10/24/24 08:36	10/25/24 11:01	1
2,4-Dimethylphenol	ND		180	42	ug/Kg	☼	10/24/24 08:36	10/25/24 11:01	1
2,4-Dinitrophenol	ND		390	200	ug/Kg	☼	10/24/24 08:36	10/25/24 11:01	1
2,4-Dinitrotoluene	ND		240	27	ug/Kg	☼	10/24/24 08:36	10/25/24 11:01	1
2,6-Dinitrotoluene	ND		240	42	ug/Kg	☼	10/24/24 08:36	10/25/24 11:01	1
2-Chloronaphthalene	ND		120	33	ug/Kg	☼	10/24/24 08:36	10/25/24 11:01	1
2-Chlorophenol	ND		120	31	ug/Kg	☼	10/24/24 08:36	10/25/24 11:01	1
2-Methylnaphthalene	ND		47	15	ug/Kg	☼	10/24/24 08:36	10/25/24 11:01	1
2-Methylphenol	ND		240	48	ug/Kg	☼	10/24/24 08:36	10/25/24 11:01	1
2-Nitroaniline	ND		240	45	ug/Kg	☼	10/24/24 08:36	10/25/24 11:01	1
2-Nitrophenol	ND		120	41	ug/Kg	☼	10/24/24 08:36	10/25/24 11:01	1
3,3'-Dichlorobenzidine	ND		180	110	ug/Kg	☼	10/24/24 08:36	10/25/24 11:01	1
3-Nitroaniline	ND		240	41	ug/Kg	☼	10/24/24 08:36	10/25/24 11:01	1
4,6-Dinitro-2-methylphenol	ND		390	120	ug/Kg	☼	10/24/24 08:36	10/25/24 11:01	1
4-Bromophenyl phenyl ether	ND		120	38	ug/Kg	☼	10/24/24 08:36	10/25/24 11:01	1
4-Chloro-3-methylphenol	ND		180	45	ug/Kg	☼	10/24/24 08:36	10/25/24 11:01	1
4-Chloroaniline	ND		180	19	ug/Kg	☼	10/24/24 08:36	10/25/24 11:01	1
4-Chlorophenyl phenyl ether	ND		120	33	ug/Kg	☼	10/24/24 08:36	10/25/24 11:01	1
4-Nitroaniline	ND		240	31	ug/Kg	☼	10/24/24 08:36	10/25/24 11:01	1
4-Nitrophenol	ND		390	110	ug/Kg	☼	10/24/24 08:36	10/25/24 11:01	1
Acenaphthene	ND		47	16	ug/Kg	☼	10/24/24 08:36	10/25/24 11:01	1
Acenaphthylene	ND		47	18	ug/Kg	☼	10/24/24 08:36	10/25/24 11:01	1
Acetophenone	ND		120	29	ug/Kg	☼	10/24/24 08:36	10/25/24 11:01	1
Anthracene	ND		47	14	ug/Kg	☼	10/24/24 08:36	10/25/24 11:01	1
Atrazine	ND		390	81	ug/Kg	☼	10/24/24 08:36	10/25/24 11:01	1
Benzaldehyde	ND		390	66	ug/Kg	☼	10/24/24 08:36	10/25/24 11:01	1
Benzo[a]anthracene	ND		47	18	ug/Kg	☼	10/24/24 08:36	10/25/24 11:01	1
Benzo[a]pyrene	ND		47	16	ug/Kg	☼	10/24/24 08:36	10/25/24 11:01	1
Benzo[b]fluoranthene	ND		47	14	ug/Kg	☼	10/24/24 08:36	10/25/24 11:01	1
Benzo[g,h,i]perylene	ND		47	32	ug/Kg	☼	10/24/24 08:36	10/25/24 11:01	1
Benzo[k]fluoranthene	ND		47	12	ug/Kg	☼	10/24/24 08:36	10/25/24 11:01	1
Bis(2-chloroethoxy)methane	ND		120	24	ug/Kg	☼	10/24/24 08:36	10/25/24 11:01	1
Bis(2-chloroethyl)ether	ND		120	26	ug/Kg	☼	10/24/24 08:36	10/25/24 11:01	1
Bis(2-ethylhexyl) phthalate	**120**	**J B**	180	66	ug/Kg	☼	10/24/24 08:36	10/25/24 11:01	1
Butyl benzyl phthalate	ND		180	60	ug/Kg	☼	10/24/24 08:36	10/25/24 11:01	1
Caprolactam	ND		390	81	ug/Kg	☼	10/24/24 08:36	10/25/24 11:01	1
Carbazole	ND		120	32	ug/Kg	☼	10/24/24 08:36	10/25/24 11:01	1
Chrysene	ND		47	16	ug/Kg	☼	10/24/24 08:36	10/25/24 11:01	1
Dibenz(a,h)anthracene	ND		47	18	ug/Kg	☼	10/24/24 08:36	10/25/24 11:01	1

Client Sample ID: SB-DUP-3
Date Collected: 10/17/24 00:00
Date Received: 10/18/24 16:00

Lab Sample ID: 240-213404-3
Matrix: Solid
Percent Solids: 86.1

Method: SW846 8270E - Semivolatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Dibenzofuran	ND		120	34	ug/Kg	☼	10/24/24 08:36	10/25/24 11:01	1
Diethyl phthalate	ND		180	51	ug/Kg	☼	10/24/24 08:36	10/25/24 11:01	1
Dimethyl phthalate	ND		180	47	ug/Kg	☼	10/24/24 08:36	10/25/24 11:01	1
Di-n-butyl phthalate	ND		180	60	ug/Kg	☼	10/24/24 08:36	10/25/24 11:01	1
Di-n-octyl phthalate	ND		180	59	ug/Kg	☼	10/24/24 08:36	10/25/24 11:01	1
Fluoranthene	ND		47	16	ug/Kg	☼	10/24/24 08:36	10/25/24 11:01	1
Fluorene	ND		47	16	ug/Kg	☼	10/24/24 08:36	10/25/24 11:01	1
Hexachlorobenzene	ND		47	16	ug/Kg	☼	10/24/24 08:36	10/25/24 11:01	1
Hexachlorobutadiene	ND		120	25	ug/Kg	☼	10/24/24 08:36	10/25/24 11:01	1
Hexachlorocyclopentadiene	ND		390	46	ug/Kg	☼	10/24/24 08:36	10/25/24 11:01	1
Hexachloroethane	ND		120	38	ug/Kg	☼	10/24/24 08:36	10/25/24 11:01	1
Indeno[1,2,3-cd]pyrene	ND		47	14	ug/Kg	☼	10/24/24 08:36	10/25/24 11:01	1
Isophorone	ND		120	31	ug/Kg	☼	10/24/24 08:36	10/25/24 11:01	1
N-Nitrosodi-n-propylamine	ND		120	44	ug/Kg	☼	10/24/24 08:36	10/25/24 11:01	1
N-Nitrosodiphenylamine	ND		120	32	ug/Kg	☼	10/24/24 08:36	10/25/24 11:01	1
Naphthalene	ND		47	15	ug/Kg	☼	10/24/24 08:36	10/25/24 11:01	1
Nitrobenzene	ND		120	26	ug/Kg	☼	10/24/24 08:36	10/25/24 11:01	1
Pentachlorophenol	ND		320	120	ug/Kg	☼	10/24/24 08:36	10/25/24 11:01	1
Phenanthrene	ND		47	15	ug/Kg	☼	10/24/24 08:36	10/25/24 11:01	1
Phenol	ND		120	45	ug/Kg	☼	10/24/24 08:36	10/25/24 11:01	1
Pyrene	ND		47	19	ug/Kg	☼	10/24/24 08:36	10/25/24 11:01	1
3 & 4 Methylphenol	ND		470	48	ug/Kg	☼	10/24/24 08:36	10/25/24 11:01	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Terphenyl-d14 (Surr)	*68*		*37 - 120*	*10/24/24 08:36*	*10/25/24 11:01*	*1*
Phenol-d5 (Surr)	*56*		*29 - 120*	*10/24/24 08:36*	*10/25/24 11:01*	*1*
Nitrobenzene-d5 (Surr)	*47*		*28 - 120*	*10/24/24 08:36*	*10/25/24 11:01*	*1*
2-Fluorophenol (Surr)	*56*		*26 - 120*	*10/24/24 08:36*	*10/25/24 11:01*	*1*
2-Fluorobiphenyl (Surr)	*54*		*36 - 120*	*10/24/24 08:36*	*10/25/24 11:01*	*1*
2,4,6-Tribromophenol (Surr)	*57*		*10 - 120*	*10/24/24 08:36*	*10/25/24 11:01*	*1*

Method: SW846 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aroclor-1016	ND		60	30	ug/Kg	☼	10/23/24 09:32	10/24/24 03:35	1
Aroclor-1221	ND		60	36	ug/Kg	☼	10/23/24 09:32	10/24/24 03:35	1
Aroclor-1232	ND		60	25	ug/Kg	☼	10/23/24 09:32	10/24/24 03:35	1
Aroclor-1242	ND		60	23	ug/Kg	☼	10/23/24 09:32	10/24/24 03:35	1
Aroclor-1248	ND		60	20	ug/Kg	☼	10/23/24 09:32	10/24/24 03:35	1
Aroclor-1254	ND		60	25	ug/Kg	☼	10/23/24 09:32	10/24/24 03:35	1
Aroclor-1260	ND		60	25	ug/Kg	☼	10/23/24 09:32	10/24/24 03:35	1
Aroclor-1262	ND		60	26	ug/Kg	☼	10/23/24 09:32	10/24/24 03:35	1
Aroclor-1268	ND		60	19	ug/Kg	☼	10/23/24 09:32	10/24/24 03:35	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Tetrachloro-m-xylene	*75*		*10 - 149*	*10/23/24 09:32*	*10/24/24 03:35*	*1*
DCB Decachlorobiphenyl	*82*		*10 - 174*	*10/23/24 09:32*	*10/24/24 03:35*	*1*

Method: SW846 6010D - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	**14**		1.7	0.35	mg/Kg	☼	10/21/24 15:00	10/22/24 11:11	1

Client: August Mack Environmental, Inc.
Project/Site: MSC Canfield

Job ID: 240-213404-1

Client Sample ID: SB-DUP-3

Date Collected: 10/17/24 00:00
Date Received: 10/18/24 16:00

Lab Sample ID: 240-213404-3

Matrix: Solid
Percent Solids: 86.1

Method: SW846 6010D - Metals (ICP) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Barium	42		22	0.14	mg/Kg	☼	10/21/24 15:00	10/22/24 11:11	1
Cadmium	0.11	J	0.56	0.054	mg/Kg	☼	10/21/24 15:00	10/22/24 11:11	1
Chromium	13		1.1	0.38	mg/Kg	☼	10/21/24 15:00	10/22/24 11:11	1
Copper	18		2.8	0.78	mg/Kg	☼	10/21/24 15:00	10/22/24 11:11	1
Lead	12		1.1	0.31	mg/Kg	☼	10/21/24 15:00	10/22/24 11:11	1
Selenium	0.69	J	2.2	0.52	mg/Kg	☼	10/21/24 15:00	10/22/24 11:11	1
Silver	ND		1.1	0.090	mg/Kg	☼	10/21/24 15:00	10/22/24 11:11	1
Zinc	58		5.6	4.0	mg/Kg	☼	10/21/24 15:00	10/22/24 11:11	1

Method: SW846 7471B - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	ND		0.12	0.022	mg/Kg	☼	10/21/24 15:00	10/22/24 10:38	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cr (VI) (SW846 7196A)	ND		0.51	0.17	mg/Kg	☼	10/31/24 17:59	10/31/24 21:52	1
Cyanide, Total (SW846 9012B)	ND		0.69	0.55	mg/Kg	☼	10/29/24 09:44	10/29/24 12:29	1

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Solids (EPA Moisture)	86.1		0.1	0.1	%			10/21/24 10:30	1
Percent Moisture (EPA Moisture)	13.9		0.1	0.1	%			10/21/24 10:30	1

General Chemistry - ASTM Leach

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cyanide, Free (OI CORP OIA-1677)	ND		0.0060	0.0050	mg/L			10/31/24 15:39	1

Client: August Mack Environmental, Inc.
Project/Site: MSC Canfield

Job ID: 240-213404-1

Client Sample ID: SB-6-8.0-10.0
Date Collected: 10/18/24 08:40
Date Received: 10/18/24 16:00

Lab Sample ID: 240-213404-5
Matrix: Solid
Percent Solids: 87.6

Method: SW846 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		5.7	2.0	ug/Kg	☼	10/22/24 10:32	10/22/24 20:38	1
1,1,2,2-Tetrachloroethane	ND		5.7	1.6	ug/Kg	☼	10/22/24 10:32	10/22/24 20:38	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		5.7	1.5	ug/Kg	☼	10/22/24 10:32	10/22/24 20:38	1
1,1,2-Trichloroethane	ND		5.7	1.3	ug/Kg	☼	10/22/24 10:32	10/22/24 20:38	1
1,1-Dichloroethane	ND		5.7	1.6	ug/Kg	☼	10/22/24 10:32	10/22/24 20:38	1
1,1-Dichloroethene	ND		5.7	2.1	ug/Kg	☼	10/22/24 10:32	10/22/24 20:38	1
1,2,4-Trichlorobenzene	ND		5.7	2.8	ug/Kg	☼	10/22/24 10:32	10/22/24 20:38	1
1,2-Dibromo-3-Chloropropane	ND		11	4.1	ug/Kg	☼	10/22/24 10:32	10/22/24 20:38	1
Ethylene Dibromide	ND		5.7	1.9	ug/Kg	☼	10/22/24 10:32	10/22/24 20:38	1
1,2-Dichlorobenzene	ND		5.7	1.3	ug/Kg	☼	10/22/24 10:32	10/22/24 20:38	1
1,2-Dichloroethane	ND		5.7	2.1	ug/Kg	☼	10/22/24 10:32	10/22/24 20:38	1
1,2-Dichloropropane	ND		5.7	0.97	ug/Kg	☼	10/22/24 10:32	10/22/24 20:38	1
1,3-Dichlorobenzene	ND		5.7	1.9	ug/Kg	☼	10/22/24 10:32	10/22/24 20:38	1
1,4-Dichlorobenzene	ND		5.7	1.0	ug/Kg	☼	10/22/24 10:32	10/22/24 20:38	1
2-Butanone (MEK)	ND		23	4.0	ug/Kg	☼	10/22/24 10:32	10/22/24 20:38	1
2-Hexanone	ND		23	4.6	ug/Kg	☼	10/22/24 10:32	10/22/24 20:38	1
4-Methyl-2-pentanone (MIBK)	ND		23	4.2	ug/Kg	☼	10/22/24 10:32	10/22/24 20:38	1
Acetone	ND		28	24	ug/Kg	☼	10/22/24 10:32	10/22/24 20:38	1
Benzene	ND		5.7	1.7	ug/Kg	☼	10/22/24 10:32	10/22/24 20:38	1
Dichlorobromomethane	ND		5.7	1.7	ug/Kg	☼	10/22/24 10:32	10/22/24 20:38	1
Bromoform	ND		5.7	2.7	ug/Kg	☼	10/22/24 10:32	10/22/24 20:38	1
Bromomethane	ND		5.7	4.7	ug/Kg	☼	10/22/24 10:32	10/22/24 20:38	1
Carbon disulfide	ND		5.7	1.3	ug/Kg	☼	10/22/24 10:32	10/22/24 20:38	1
Carbon tetrachloride	ND		5.7	3.7	ug/Kg	☼	10/22/24 10:32	10/22/24 20:38	1
Chlorobenzene	ND		5.7	1.0	ug/Kg	☼	10/22/24 10:32	10/22/24 20:38	1
Chloroethane	ND		5.7	3.1	ug/Kg	☼	10/22/24 10:32	10/22/24 20:38	1
Chloroform	ND		5.7	2.0	ug/Kg	☼	10/22/24 10:32	10/22/24 20:38	1
Chloromethane	ND		5.7	2.6	ug/Kg	☼	10/22/24 10:32	10/22/24 20:38	1
cis-1,2-Dichloroethene	ND		5.7	1.7	ug/Kg	☼	10/22/24 10:32	10/22/24 20:38	1
cis-1,3-Dichloropropene	ND		5.7	3.3	ug/Kg	☼	10/22/24 10:32	10/22/24 20:38	1
Cyclohexane	ND		11	1.6	ug/Kg	☼	10/22/24 10:32	10/22/24 20:38	1
Chlorodibromomethane	ND		5.7	3.2	ug/Kg	☼	10/22/24 10:32	10/22/24 20:38	1
Dichlorodifluoromethane	ND		5.7	2.6	ug/Kg	☼	10/22/24 10:32	10/22/24 20:38	1
Ethylbenzene	ND		5.7	1.2	ug/Kg	☼	10/22/24 10:32	10/22/24 20:38	1
Isopropylbenzene	ND		5.7	2.2	ug/Kg	☼	10/22/24 10:32	10/22/24 20:38	1
Methyl acetate	ND		28	3.9	ug/Kg	☼	10/22/24 10:32	10/22/24 20:38	1
Methyl tert-butyl ether	ND		5.7	2.3	ug/Kg	☼	10/22/24 10:32	10/22/24 20:38	1
Methylcyclohexane	ND		11	1.4	ug/Kg	☼	10/22/24 10:32	10/22/24 20:38	1
Methylene Chloride	ND		28	14	ug/Kg	☼	10/22/24 10:32	10/22/24 20:38	1
Styrene	ND		5.7	1.3	ug/Kg	☼	10/22/24 10:32	10/22/24 20:38	1
Tetrachloroethene	ND		5.7	2.2	ug/Kg	☼	10/22/24 10:32	10/22/24 20:38	1
Toluene	ND		5.7	0.88	ug/Kg	☼	10/22/24 10:32	10/22/24 20:38	1
trans-1,2-Dichloroethene	ND		5.7	1.6	ug/Kg	☼	10/22/24 10:32	10/22/24 20:38	1
trans-1,3-Dichloropropene	ND		5.7	2.1	ug/Kg	☼	10/22/24 10:32	10/22/24 20:38	1
Trichloroethene	ND		5.7	1.6	ug/Kg	☼	10/22/24 10:32	10/22/24 20:38	1
Trichlorofluoromethane	ND		5.7	3.1	ug/Kg	☼	10/22/24 10:32	10/22/24 20:38	1
Vinyl chloride	ND		5.7	2.0	ug/Kg	☼	10/22/24 10:32	10/22/24 20:38	1
Xylenes, Total	ND		11	1.8	ug/Kg	☼	10/22/24 10:32	10/22/24 20:38	1

Client Sample ID: SB-6-8.0-10.0
Date Collected: 10/18/24 08:40
Date Received: 10/18/24 16:00

Lab Sample ID: 240-213404-5
Matrix: Solid
Percent Solids: 87.6

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Toluene-d8 (Surr)	*101*		*56 - 125*	*10/22/24 10:32*	*10/22/24 20:38*	*1*
Dibromofluoromethane (Surr)	*98*		*41 - 138*	*10/22/24 10:32*	*10/22/24 20:38*	*1*
4-Bromofluorobenzene (Surr)	*90*		*41 - 143*	*10/22/24 10:32*	*10/22/24 20:38*	*1*
1,2-Dichloroethane-d4 (Surr)	*99*		*58 - 125*	*10/22/24 10:32*	*10/22/24 20:38*	*1*

Method: SW846 8270E - Semivolatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1'-Biphenyl	ND		110	32	ug/Kg	☼	10/24/24 08:36	10/25/24 11:25	1
bis (2-chloroisopropyl) ether	ND		110	30	ug/Kg	☼	10/24/24 08:36	10/25/24 11:25	1
2,4,5-Trichlorophenol	ND		170	38	ug/Kg	☼	10/24/24 08:36	10/25/24 11:25	1
2,4,6-Trichlorophenol	ND		170	33	ug/Kg	☼	10/24/24 08:36	10/25/24 11:25	1
2,4-Dichlorophenol	ND		170	31	ug/Kg	☼	10/24/24 08:36	10/25/24 11:25	1
2,4-Dimethylphenol	ND		170	41	ug/Kg	☼	10/24/24 08:36	10/25/24 11:25	1
2,4-Dinitrophenol	ND		380	200	ug/Kg	☼	10/24/24 08:36	10/25/24 11:25	1
2,4-Dinitrotoluene	ND		230	26	ug/Kg	☼	10/24/24 08:36	10/25/24 11:25	1
2,6-Dinitrotoluene	ND		230	41	ug/Kg	☼	10/24/24 08:36	10/25/24 11:25	1
2-Chloronaphthalene	ND		110	32	ug/Kg	☼	10/24/24 08:36	10/25/24 11:25	1
2-Chlorophenol	ND		110	30	ug/Kg	☼	10/24/24 08:36	10/25/24 11:25	1
2-Methylnaphthalene	ND		46	15	ug/Kg	☼	10/24/24 08:36	10/25/24 11:25	1
2-Methylphenol	ND		230	47	ug/Kg	☼	10/24/24 08:36	10/25/24 11:25	1
2-Nitroaniline	ND		230	43	ug/Kg	☼	10/24/24 08:36	10/25/24 11:25	1
2-Nitrophenol	ND		110	40	ug/Kg	☼	10/24/24 08:36	10/25/24 11:25	1
3,3'-Dichlorobenzidine	ND		170	110	ug/Kg	☼	10/24/24 08:36	10/25/24 11:25	1
3-Nitroaniline	ND		230	40	ug/Kg	☼	10/24/24 08:36	10/25/24 11:25	1
4,6-Dinitro-2-methylphenol	ND		380	120	ug/Kg	☼	10/24/24 08:36	10/25/24 11:25	1
4-Bromophenyl phenyl ether	ND		110	37	ug/Kg	☼	10/24/24 08:36	10/25/24 11:25	1
4-Chloro-3-methylphenol	ND		170	43	ug/Kg	☼	10/24/24 08:36	10/25/24 11:25	1
4-Chloroaniline	ND		170	18	ug/Kg	☼	10/24/24 08:36	10/25/24 11:25	1
4-Chlorophenyl phenyl ether	ND		110	32	ug/Kg	☼	10/24/24 08:36	10/25/24 11:25	1
4-Nitroaniline	ND		230	30	ug/Kg	☼	10/24/24 08:36	10/25/24 11:25	1
4-Nitrophenol	ND		380	100	ug/Kg	☼	10/24/24 08:36	10/25/24 11:25	1
Acenaphthene	ND		46	16	ug/Kg	☼	10/24/24 08:36	10/25/24 11:25	1
Acenaphthylene	ND		46	17	ug/Kg	☼	10/24/24 08:36	10/25/24 11:25	1
Acetophenone	ND		110	29	ug/Kg	☼	10/24/24 08:36	10/25/24 11:25	1
Anthracene	ND		46	14	ug/Kg	☼	10/24/24 08:36	10/25/24 11:25	1
Atrazine	ND		380	79	ug/Kg	☼	10/24/24 08:36	10/25/24 11:25	1
Benzaldehyde	ND		380	64	ug/Kg	☼	10/24/24 08:36	10/25/24 11:25	1
Benzo[a]anthracene	ND		46	17	ug/Kg	☼	10/24/24 08:36	10/25/24 11:25	1
Benzo[a]pyrene	ND		46	16	ug/Kg	☼	10/24/24 08:36	10/25/24 11:25	1
Benzo[b]fluoranthene	ND		46	14	ug/Kg	☼	10/24/24 08:36	10/25/24 11:25	1
Benzo[g,h,i]perylene	ND		46	31	ug/Kg	☼	10/24/24 08:36	10/25/24 11:25	1
Benzo[k]fluoranthene	ND		46	11	ug/Kg	☼	10/24/24 08:36	10/25/24 11:25	1
Bis(2-chloroethoxy)methane	ND		110	23	ug/Kg	☼	10/24/24 08:36	10/25/24 11:25	1
Bis(2-chloroethyl)ether	ND		110	25	ug/Kg	☼	10/24/24 08:36	10/25/24 11:25	1
Bis(2-ethylhexyl) phthalate	**100**	**J B**	170	64	ug/Kg	☼	10/24/24 08:36	10/25/24 11:25	1
Butyl benzyl phthalate	ND		170	58	ug/Kg	☼	10/24/24 08:36	10/25/24 11:25	1
Caprolactam	ND		380	79	ug/Kg	☼	10/24/24 08:36	10/25/24 11:25	1
Carbazole	ND		110	31	ug/Kg	☼	10/24/24 08:36	10/25/24 11:25	1
Chrysene	ND		46	16	ug/Kg	☼	10/24/24 08:36	10/25/24 11:25	1
Dibenz(a,h)anthracene	ND		46	17	ug/Kg	☼	10/24/24 08:36	10/25/24 11:25	1

Client Sample ID: SB-6-8.0-10.0
Date Collected: 10/18/24 08:40
Date Received: 10/18/24 16:00

Lab Sample ID: 240-213404-5
Matrix: Solid
Percent Solids: 87.6

Method: SW846 8270E - Semivolatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Dibenzofuran	ND		110	33	ug/Kg	☼	10/24/24 08:36	10/25/24 11:25	1
Diethyl phthalate	ND		170	49	ug/Kg	☼	10/24/24 08:36	10/25/24 11:25	1
Dimethyl phthalate	ND		170	46	ug/Kg	☼	10/24/24 08:36	10/25/24 11:25	1
Di-n-butyl phthalate	ND		170	58	ug/Kg	☼	10/24/24 08:36	10/25/24 11:25	1
Di-n-octyl phthalate	ND		170	57	ug/Kg	☼	10/24/24 08:36	10/25/24 11:25	1
Fluoranthene	ND		46	16	ug/Kg	☼	10/24/24 08:36	10/25/24 11:25	1
Fluorene	ND		46	16	ug/Kg	☼	10/24/24 08:36	10/25/24 11:25	1
Hexachlorobenzene	ND		46	16	ug/Kg	☼	10/24/24 08:36	10/25/24 11:25	1
Hexachlorobutadiene	ND		110	24	ug/Kg	☼	10/24/24 08:36	10/25/24 11:25	1
Hexachlorocyclopentadiene	ND		380	45	ug/Kg	☼	10/24/24 08:36	10/25/24 11:25	1
Hexachloroethane	ND		110	37	ug/Kg	☼	10/24/24 08:36	10/25/24 11:25	1
Indeno[1,2,3-cd]pyrene	ND		46	14	ug/Kg	☼	10/24/24 08:36	10/25/24 11:25	1
Isophorone	ND		110	30	ug/Kg	☼	10/24/24 08:36	10/25/24 11:25	1
N-Nitrosodi-n-propylamine	ND		110	42	ug/Kg	☼	10/24/24 08:36	10/25/24 11:25	1
N-Nitrosodiphenylamine	ND		110	31	ug/Kg	☼	10/24/24 08:36	10/25/24 11:25	1
Naphthalene	ND		46	15	ug/Kg	☼	10/24/24 08:36	10/25/24 11:25	1
Nitrobenzene	ND		110	25	ug/Kg	☼	10/24/24 08:36	10/25/24 11:25	1
Pentachlorophenol	ND		310	120	ug/Kg	☼	10/24/24 08:36	10/25/24 11:25	1
Phenanthrene	ND		46	15	ug/Kg	☼	10/24/24 08:36	10/25/24 11:25	1
Phenol	ND		110	43	ug/Kg	☼	10/24/24 08:36	10/25/24 11:25	1
Pyrene	ND		46	18	ug/Kg	☼	10/24/24 08:36	10/25/24 11:25	1
3 & 4 Methylphenol	ND		460	47	ug/Kg	☼	10/24/24 08:36	10/25/24 11:25	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Terphenyl-d14 (Surr)	*65*		*37 - 120*	*10/24/24 08:36*	*10/25/24 11:25*	*1*
Phenol-d5 (Surr)	*59*		*29 - 120*	*10/24/24 08:36*	*10/25/24 11:25*	*1*
Nitrobenzene-d5 (Surr)	*50*		*28 - 120*	*10/24/24 08:36*	*10/25/24 11:25*	*1*
2-Fluorophenol (Surr)	*59*		*26 - 120*	*10/24/24 08:36*	*10/25/24 11:25*	*1*
2-Fluorobiphenyl (Surr)	*55*		*36 - 120*	*10/24/24 08:36*	*10/25/24 11:25*	*1*
2,4,6-Tribromophenol (Surr)	*56*		*10 - 120*	*10/24/24 08:36*	*10/25/24 11:25*	*1*

Method: SW846 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aroclor-1016	ND		58	29	ug/Kg	☼	10/23/24 09:32	10/24/24 04:09	1
Aroclor-1221	ND		58	35	ug/Kg	☼	10/23/24 09:32	10/24/24 04:09	1
Aroclor-1232	ND		58	24	ug/Kg	☼	10/23/24 09:32	10/24/24 04:09	1
Aroclor-1242	ND		58	22	ug/Kg	☼	10/23/24 09:32	10/24/24 04:09	1
Aroclor-1248	ND		58	20	ug/Kg	☼	10/23/24 09:32	10/24/24 04:09	1
Aroclor-1254	ND		58	24	ug/Kg	☼	10/23/24 09:32	10/24/24 04:09	1
Aroclor-1260	ND		58	24	ug/Kg	☼	10/23/24 09:32	10/24/24 04:09	1
Aroclor-1262	ND		58	25	ug/Kg	☼	10/23/24 09:32	10/24/24 04:09	1
Aroclor-1268	ND		58	18	ug/Kg	☼	10/23/24 09:32	10/24/24 04:09	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Tetrachloro-m-xylene	*79*		*10 - 149*	*10/23/24 09:32*	*10/24/24 04:09*	*1*
DCB Decachlorobiphenyl	*79*		*10 - 174*	*10/23/24 09:32*	*10/24/24 04:09*	*1*

Method: SW846 6010D - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	**29**		1.7	0.36	mg/Kg	☼	10/21/24 15:00	10/22/24 11:16	1

Client: August Mack Environmental, Inc.
Project/Site: MSC Canfield

Job ID: 240-213404-1

Client Sample ID: SB-6-8.0-10.0
Date Collected: 10/18/24 08:40
Date Received: 10/18/24 16:00

Lab Sample ID: 240-213404-5
Matrix: Solid
Percent Solids: 87.6

Method: SW846 6010D - Metals (ICP) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Barium	**34**		23	0.14	mg/Kg	☼	10/21/24 15:00	10/22/24 11:16	1
Cadmium	**0.11**	**J**	0.57	0.054	mg/Kg	☼	10/21/24 15:00	10/22/24 11:16	1
Chromium	**13**		1.1	0.39	mg/Kg	☼	10/21/24 15:00	10/22/24 11:16	1
Copper	**22**		2.8	0.79	mg/Kg	☼	10/21/24 15:00	10/22/24 11:16	1
Lead	**12**		1.1	0.32	mg/Kg	☼	10/21/24 15:00	10/22/24 11:16	1
Selenium	ND		2.3	0.53	mg/Kg	☼	10/21/24 15:00	10/22/24 11:16	1
Silver	ND		1.1	0.092	mg/Kg	☼	10/21/24 15:00	10/22/24 11:16	1
Zinc	**61**		5.7	4.1	mg/Kg	☼	10/21/24 15:00	10/22/24 11:16	1

Method: SW846 7471B - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	ND		0.13	0.023	mg/Kg	☼	10/21/24 15:00	10/22/24 10:40	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cr (VI) (SW846 7196A)	ND		0.46	0.15	mg/Kg	☼	10/31/24 17:59	10/31/24 21:52	1
Cyanide, Total (SW846 9012B)	**0.45**	**J**	0.53	0.42	mg/Kg	☼	10/29/24 09:44	10/29/24 12:31	1

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Solids (EPA Moisture)	**87.6**		0.1	0.1	%			10/21/24 10:30	1
Percent Moisture (EPA Moisture)	**12.4**		0.1	0.1	%			10/21/24 10:30	1

General Chemistry - ASTM Leach

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cyanide, Free (OI CORP OIA-1677)	ND		0.0060	0.0050	mg/L			10/30/24 15:39	1

Client: August Mack Environmental, Inc.
Project/Site: MSC Canfield

Job ID: 240-213404-1

Client Sample ID: SB-6-12.0-14.0
Date Collected: 10/18/24 08:45
Date Received: 10/18/24 16:00

Lab Sample ID: 240-213404-6
Matrix: Solid
Percent Solids: 83.3

Method: SW846 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		5.9	2.1	ug/Kg	☼	10/22/24 10:32	10/22/24 20:59	1
1,1,2,2-Tetrachloroethane	ND		5.9	1.7	ug/Kg	☼	10/22/24 10:32	10/22/24 20:59	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		5.9	1.5	ug/Kg	☼	10/22/24 10:32	10/22/24 20:59	1
1,1,2-Trichloroethane	ND		5.9	1.3	ug/Kg	☼	10/22/24 10:32	10/22/24 20:59	1
1,1-Dichloroethane	ND		5.9	1.7	ug/Kg	☼	10/22/24 10:32	10/22/24 20:59	1
1,1-Dichloroethene	ND		5.9	2.1	ug/Kg	☼	10/22/24 10:32	10/22/24 20:59	1
1,2,4-Trichlorobenzene	ND		5.9	2.9	ug/Kg	☼	10/22/24 10:32	10/22/24 20:59	1
1,2-Dibromo-3-Chloropropane	ND		12	4.2	ug/Kg	☼	10/22/24 10:32	10/22/24 20:59	1
Ethylene Dibromide	ND		5.9	2.0	ug/Kg	☼	10/22/24 10:32	10/22/24 20:59	1
1,2-Dichlorobenzene	ND		5.9	1.3	ug/Kg	☼	10/22/24 10:32	10/22/24 20:59	1
1,2-Dichloroethane	ND		5.9	2.1	ug/Kg	☼	10/22/24 10:32	10/22/24 20:59	1
1,2-Dichloropropane	ND		5.9	1.0	ug/Kg	☼	10/22/24 10:32	10/22/24 20:59	1
1,3-Dichlorobenzene	ND		5.9	1.9	ug/Kg	☼	10/22/24 10:32	10/22/24 20:59	1
1,4-Dichlorobenzene	ND		5.9	1.0	ug/Kg	☼	10/22/24 10:32	10/22/24 20:59	1
2-Butanone (MEK)	ND		23	4.2	ug/Kg	☼	10/22/24 10:32	10/22/24 20:59	1
2-Hexanone	ND		23	4.8	ug/Kg	☼	10/22/24 10:32	10/22/24 20:59	1
4-Methyl-2-pentanone (MIBK)	ND		23	4.4	ug/Kg	☼	10/22/24 10:32	10/22/24 20:59	1
Acetone	ND		29	25	ug/Kg	☼	10/22/24 10:32	10/22/24 20:59	1
Benzene	ND		5.9	1.8	ug/Kg	☼	10/22/24 10:32	10/22/24 20:59	1
Dichlorobromomethane	ND		5.9	1.8	ug/Kg	☼	10/22/24 10:32	10/22/24 20:59	1
Bromoform	ND		5.9	2.8	ug/Kg	☼	10/22/24 10:32	10/22/24 20:59	1
Bromomethane	ND		5.9	4.9	ug/Kg	☼	10/22/24 10:32	10/22/24 20:59	1
Carbon disulfide	ND		5.9	1.4	ug/Kg	☼	10/22/24 10:32	10/22/24 20:59	1
Carbon tetrachloride	ND		5.9	3.8	ug/Kg	☼	10/22/24 10:32	10/22/24 20:59	1
Chlorobenzene	ND		5.9	1.1	ug/Kg	☼	10/22/24 10:32	10/22/24 20:59	1
Chloroethane	ND		5.9	3.2	ug/Kg	☼	10/22/24 10:32	10/22/24 20:59	1
Chloroform	ND		5.9	2.1	ug/Kg	☼	10/22/24 10:32	10/22/24 20:59	1
Chloromethane	ND		5.9	2.7	ug/Kg	☼	10/22/24 10:32	10/22/24 20:59	1
cis-1,2-Dichloroethene	ND		5.9	1.7	ug/Kg	☼	10/22/24 10:32	10/22/24 20:59	1
cis-1,3-Dichloropropene	ND		5.9	3.4	ug/Kg	☼	10/22/24 10:32	10/22/24 20:59	1
Cyclohexane	ND		12	1.6	ug/Kg	☼	10/22/24 10:32	10/22/24 20:59	1
Chlorodibromomethane	ND		5.9	3.3	ug/Kg	☼	10/22/24 10:32	10/22/24 20:59	1
Dichlorodifluoromethane	ND		5.9	2.7	ug/Kg	☼	10/22/24 10:32	10/22/24 20:59	1
Ethylbenzene	ND		5.9	1.2	ug/Kg	☼	10/22/24 10:32	10/22/24 20:59	1
Isopropylbenzene	ND		5.9	2.3	ug/Kg	☼	10/22/24 10:32	10/22/24 20:59	1
Methyl acetate	ND		29	4.0	ug/Kg	☼	10/22/24 10:32	10/22/24 20:59	1
Methyl tert-butyl ether	ND		5.9	2.3	ug/Kg	☼	10/22/24 10:32	10/22/24 20:59	1
Methylcyclohexane	ND		12	1.4	ug/Kg	☼	10/22/24 10:32	10/22/24 20:59	1
Methylene Chloride	ND		29	14	ug/Kg	☼	10/22/24 10:32	10/22/24 20:59	1
Styrene	ND		5.9	1.4	ug/Kg	☼	10/22/24 10:32	10/22/24 20:59	1
Tetrachloroethene	ND		5.9	2.3	ug/Kg	☼	10/22/24 10:32	10/22/24 20:59	1
Toluene	ND		5.9	0.91	ug/Kg	☼	10/22/24 10:32	10/22/24 20:59	1
trans-1,2-Dichloroethene	ND		5.9	1.7	ug/Kg	☼	10/22/24 10:32	10/22/24 20:59	1
trans-1,3-Dichloropropene	ND		5.9	2.1	ug/Kg	☼	10/22/24 10:32	10/22/24 20:59	1
Trichloroethene	ND		5.9	1.7	ug/Kg	☼	10/22/24 10:32	10/22/24 20:59	1
Trichlorofluoromethane	ND		5.9	3.2	ug/Kg	☼	10/22/24 10:32	10/22/24 20:59	1
Vinyl chloride	ND		5.9	2.1	ug/Kg	☼	10/22/24 10:32	10/22/24 20:59	1
Xylenes, Total	ND		12	1.9	ug/Kg	☼	10/22/24 10:32	10/22/24 20:59	1

Client: August Mack Environmental, Inc.
Project/Site: MSC Canfield

Job ID: 240-213404-1

Client Sample ID: SB-6-12.0-14.0
Date Collected: 10/18/24 08:45
Date Received: 10/18/24 16:00

Lab Sample ID: 240-213404-6
Matrix: Solid
Percent Solids: 83.3

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Toluene-d8 (Surr)	*102*		*56 - 125*	*10/22/24 10:32*	*10/22/24 20:59*	*1*
Dibromofluoromethane (Surr)	*100*		*41 - 138*	*10/22/24 10:32*	*10/22/24 20:59*	*1*
4-Bromofluorobenzene (Surr)	*95*		*41 - 143*	*10/22/24 10:32*	*10/22/24 20:59*	*1*
1,2-Dichloroethane-d4 (Surr)	*101*		*58 - 125*	*10/22/24 10:32*	*10/22/24 20:59*	*1*

Method: SW846 8270E - Semivolatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1'-Biphenyl	ND		120	33	ug/Kg	☼	10/24/24 08:36	10/25/24 12:13	1
bis (2-chloroisopropyl) ether	ND		120	31	ug/Kg	☼	10/24/24 08:36	10/25/24 12:13	1
2,4,5-Trichlorophenol	ND		180	39	ug/Kg	☼	10/24/24 08:36	10/25/24 12:13	1
2,4,6-Trichlorophenol	ND		180	34	ug/Kg	☼	10/24/24 08:36	10/25/24 12:13	1
2,4-Dichlorophenol	ND		180	32	ug/Kg	☼	10/24/24 08:36	10/25/24 12:13	1
2,4-Dimethylphenol	ND		180	42	ug/Kg	☼	10/24/24 08:36	10/25/24 12:13	1
2,4-Dinitrophenol	ND		390	200	ug/Kg	☼	10/24/24 08:36	10/25/24 12:13	1
2,4-Dinitrotoluene	ND		240	27	ug/Kg	☼	10/24/24 08:36	10/25/24 12:13	1
2,6-Dinitrotoluene	ND		240	42	ug/Kg	☼	10/24/24 08:36	10/25/24 12:13	1
2-Chloronaphthalene	ND		120	33	ug/Kg	☼	10/24/24 08:36	10/25/24 12:13	1
2-Chlorophenol	ND		120	31	ug/Kg	☼	10/24/24 08:36	10/25/24 12:13	1
2-Methylnaphthalene	ND		47	15	ug/Kg	☼	10/24/24 08:36	10/25/24 12:13	1
2-Methylphenol	ND		240	48	ug/Kg	☼	10/24/24 08:36	10/25/24 12:13	1
2-Nitroaniline	ND		240	45	ug/Kg	☼	10/24/24 08:36	10/25/24 12:13	1
2-Nitrophenol	ND		120	41	ug/Kg	☼	10/24/24 08:36	10/25/24 12:13	1
3,3'-Dichlorobenzidine	ND		180	110	ug/Kg	☼	10/24/24 08:36	10/25/24 12:13	1
3-Nitroaniline	ND		240	41	ug/Kg	☼	10/24/24 08:36	10/25/24 12:13	1
4,6-Dinitro-2-methylphenol	ND		390	120	ug/Kg	☼	10/24/24 08:36	10/25/24 12:13	1
4-Bromophenyl phenyl ether	ND		120	38	ug/Kg	☼	10/24/24 08:36	10/25/24 12:13	1
4-Chloro-3-methylphenol	ND		180	45	ug/Kg	☼	10/24/24 08:36	10/25/24 12:13	1
4-Chloroaniline	ND		180	19	ug/Kg	☼	10/24/24 08:36	10/25/24 12:13	1
4-Chlorophenyl phenyl ether	ND		120	33	ug/Kg	☼	10/24/24 08:36	10/25/24 12:13	1
4-Nitroaniline	ND		240	31	ug/Kg	☼	10/24/24 08:36	10/25/24 12:13	1
4-Nitrophenol	ND		390	110	ug/Kg	☼	10/24/24 08:36	10/25/24 12:13	1
Acenaphthene	ND		47	17	ug/Kg	☼	10/24/24 08:36	10/25/24 12:13	1
Acenaphthylene	ND		47	18	ug/Kg	☼	10/24/24 08:36	10/25/24 12:13	1
Acetophenone	ND		120	29	ug/Kg	☼	10/24/24 08:36	10/25/24 12:13	1
Anthracene	ND		47	14	ug/Kg	☼	10/24/24 08:36	10/25/24 12:13	1
Atrazine	ND		390	81	ug/Kg	☼	10/24/24 08:36	10/25/24 12:13	1
Benzaldehyde	ND		390	66	ug/Kg	☼	10/24/24 08:36	10/25/24 12:13	1
Benzo[a]anthracene	ND		47	18	ug/Kg	☼	10/24/24 08:36	10/25/24 12:13	1
Benzo[a]pyrene	ND		47	17	ug/Kg	☼	10/24/24 08:36	10/25/24 12:13	1
Benzo[b]fluoranthene	ND		47	14	ug/Kg	☼	10/24/24 08:36	10/25/24 12:13	1
Benzo[g,h,i]perylene	ND		47	32	ug/Kg	☼	10/24/24 08:36	10/25/24 12:13	1
Benzo[k]fluoranthene	ND		47	12	ug/Kg	☼	10/24/24 08:36	10/25/24 12:13	1
Bis(2-chloroethoxy)methane	ND		120	24	ug/Kg	☼	10/24/24 08:36	10/25/24 12:13	1
Bis(2-chloroethyl)ether	ND		120	26	ug/Kg	☼	10/24/24 08:36	10/25/24 12:13	1
Bis(2-ethylhexyl) phthalate	**90**	**J B**	180	66	ug/Kg	☼	10/24/24 08:36	10/25/24 12:13	1
Butyl benzyl phthalate	ND		180	60	ug/Kg	☼	10/24/24 08:36	10/25/24 12:13	1
Caprolactam	ND		390	81	ug/Kg	☼	10/24/24 08:36	10/25/24 12:13	1
Carbazole	ND		120	32	ug/Kg	☼	10/24/24 08:36	10/25/24 12:13	1
Chrysene	ND		47	17	ug/Kg	☼	10/24/24 08:36	10/25/24 12:13	1
Dibenz(a,h)anthracene	ND		47	18	ug/Kg	☼	10/24/24 08:36	10/25/24 12:13	1

Client Sample ID: SB-6-12.0-14.0
Date Collected: 10/18/24 08:45
Date Received: 10/18/24 16:00

Lab Sample ID: 240-213404-6
Matrix: Solid
Percent Solids: 83.3

Method: SW846 8270E - Semivolatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Dibenzofuran	ND		120	34	ug/Kg	☼	10/24/24 08:36	10/25/24 12:13	1
Diethyl phthalate	ND		180	51	ug/Kg	☼	10/24/24 08:36	10/25/24 12:13	1
Dimethyl phthalate	ND		180	47	ug/Kg	☼	10/24/24 08:36	10/25/24 12:13	1
Di-n-butyl phthalate	ND		180	60	ug/Kg	☼	10/24/24 08:36	10/25/24 12:13	1
Di-n-octyl phthalate	ND		180	59	ug/Kg	☼	10/24/24 08:36	10/25/24 12:13	1
Fluoranthene	ND		47	17	ug/Kg	☼	10/24/24 08:36	10/25/24 12:13	1
Fluorene	ND		47	17	ug/Kg	☼	10/24/24 08:36	10/25/24 12:13	1
Hexachlorobenzene	ND		47	17	ug/Kg	☼	10/24/24 08:36	10/25/24 12:13	1
Hexachlorobutadiene	ND		120	25	ug/Kg	☼	10/24/24 08:36	10/25/24 12:13	1
Hexachlorocyclopentadiene	ND		390	46	ug/Kg	☼	10/24/24 08:36	10/25/24 12:13	1
Hexachloroethane	ND		120	38	ug/Kg	☼	10/24/24 08:36	10/25/24 12:13	1
Indeno[1,2,3-cd]pyrene	ND		47	14	ug/Kg	☼	10/24/24 08:36	10/25/24 12:13	1
Isophorone	ND		120	31	ug/Kg	☼	10/24/24 08:36	10/25/24 12:13	1
N-Nitrosodi-n-propylamine	ND		120	44	ug/Kg	☼	10/24/24 08:36	10/25/24 12:13	1
N-Nitrosodiphenylamine	ND		120	32	ug/Kg	☼	10/24/24 08:36	10/25/24 12:13	1
Naphthalene	ND		47	15	ug/Kg	☼	10/24/24 08:36	10/25/24 12:13	1
Nitrobenzene	ND		120	26	ug/Kg	☼	10/24/24 08:36	10/25/24 12:13	1
Pentachlorophenol	ND		320	120	ug/Kg	☼	10/24/24 08:36	10/25/24 12:13	1
Phenanthrene	ND		47	15	ug/Kg	☼	10/24/24 08:36	10/25/24 12:13	1
Phenol	ND		120	45	ug/Kg	☼	10/24/24 08:36	10/25/24 12:13	1
Pyrene	ND		47	19	ug/Kg	☼	10/24/24 08:36	10/25/24 12:13	1
3 & 4 Methylphenol	ND		470	48	ug/Kg	☼	10/24/24 08:36	10/25/24 12:13	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Terphenyl-d14 (Surr)	*67*		*37 - 120*	*10/24/24 08:36*	*10/25/24 12:13*	*1*
Phenol-d5 (Surr)	*60*		*29 - 120*	*10/24/24 08:36*	*10/25/24 12:13*	*1*
Nitrobenzene-d5 (Surr)	*51*		*28 - 120*	*10/24/24 08:36*	*10/25/24 12:13*	*1*
2-Fluorophenol (Surr)	*61*		*26 - 120*	*10/24/24 08:36*	*10/25/24 12:13*	*1*
2-Fluorobiphenyl (Surr)	*59*		*36 - 120*	*10/24/24 08:36*	*10/25/24 12:13*	*1*
2,4,6-Tribromophenol (Surr)	*43*		*10 - 120*	*10/24/24 08:36*	*10/25/24 12:13*	*1*

Method: SW846 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aroclor-1016	ND		59	29	ug/Kg	☼	10/23/24 09:32	10/24/24 04:26	1
Aroclor-1221	ND		59	35	ug/Kg	☼	10/23/24 09:32	10/24/24 04:26	1
Aroclor-1232	ND		59	25	ug/Kg	☼	10/23/24 09:32	10/24/24 04:26	1
Aroclor-1242	ND		59	22	ug/Kg	☼	10/23/24 09:32	10/24/24 04:26	1
Aroclor-1248	ND		59	20	ug/Kg	☼	10/23/24 09:32	10/24/24 04:26	1
Aroclor-1254	ND		59	25	ug/Kg	☼	10/23/24 09:32	10/24/24 04:26	1
Aroclor-1260	ND		59	25	ug/Kg	☼	10/23/24 09:32	10/24/24 04:26	1
Aroclor-1262	ND		59	26	ug/Kg	☼	10/23/24 09:32	10/24/24 04:26	1
Aroclor-1268	ND		59	19	ug/Kg	☼	10/23/24 09:32	10/24/24 04:26	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Tetrachloro-m-xylene	*69*		*10 - 149*	*10/23/24 09:32*	*10/24/24 04:26*	*1*
DCB Decachlorobiphenyl	*68*		*10 - 174*	*10/23/24 09:32*	*10/24/24 04:26*	*1*

Method: SW846 6010D - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	**12**		1.7	0.35	mg/Kg	☼	10/21/24 15:00	10/22/24 11:20	1

Client: August Mack Environmental, Inc.
Project/Site: MSC Canfield

Job ID: 240-213404-1

Client Sample ID: SB-6-12.0-14.0
Date Collected: 10/18/24 08:45
Date Received: 10/18/24 16:00

Lab Sample ID: 240-213404-6
Matrix: Solid
Percent Solids: 83.3

Method: SW846 6010D - Metals (ICP) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Barium	20	J	22	0.14	mg/Kg	☼	10/21/24 15:00	10/22/24 11:20	1
Cadmium	0.090	J	0.56	0.053	mg/Kg	☼	10/21/24 15:00	10/22/24 11:20	1
Chromium	16		1.1	0.38	mg/Kg	☼	10/21/24 15:00	10/22/24 11:20	1
Copper	19		2.8	0.78	mg/Kg	☼	10/21/24 15:00	10/22/24 11:20	1
Lead	12		1.1	0.31	mg/Kg	☼	10/21/24 15:00	10/22/24 11:20	1
Selenium	0.66	J	2.2	0.52	mg/Kg	☼	10/21/24 15:00	10/22/24 11:20	1
Silver	ND		1.1	0.090	mg/Kg	☼	10/21/24 15:00	10/22/24 11:20	1
Zinc	68		5.6	4.0	mg/Kg	☼	10/21/24 15:00	10/22/24 11:20	1

Method: SW846 7471B - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	ND		0.11	0.020	mg/Kg	☼	10/21/24 15:00	10/22/24 10:42	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cr (VI) (SW846 7196A)	ND		0.51	0.17	mg/Kg	☼	10/31/24 17:59	10/31/24 21:52	1
Cyanide, Total (SW846 9012B)	0.57	J	0.65	0.52	mg/Kg	☼	10/29/24 09:44	10/29/24 12:33	1

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Solids (EPA Moisture)	83.3		0.1	0.1	%			10/21/24 10:55	1
Percent Moisture (EPA Moisture)	16.7		0.1	0.1	%			10/21/24 10:55	1

General Chemistry - ASTM Leach

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cyanide, Free (OI CORP OIA-1677)	ND		0.0060	0.0050	mg/L			10/31/24 15:41	1

Client: August Mack Environmental, Inc.
Project/Site: MSC Canfield

Job ID: 240-213404-1

Client Sample ID: SB-6-18.0-20.0
Date Collected: 10/18/24 08:52
Date Received: 10/18/24 16:00

Lab Sample ID: 240-213404-7
Matrix: Solid
Percent Solids: 87.2

Method: SW846 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		5.5	2.0	ug/Kg	☼	10/23/24 09:44	10/23/24 18:31	1
1,1,2,2-Tetrachloroethane	ND		5.5	1.6	ug/Kg	☼	10/23/24 09:44	10/23/24 18:31	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		5.5	1.4	ug/Kg	☼	10/23/24 09:44	10/23/24 18:31	1
1,1,2-Trichloroethane	ND		5.5	1.2	ug/Kg	☼	10/23/24 09:44	10/23/24 18:31	1
1,1-Dichloroethane	ND		5.5	1.6	ug/Kg	☼	10/23/24 09:44	10/23/24 18:31	1
1,1-Dichloroethene	ND		5.5	2.0	ug/Kg	☼	10/23/24 09:44	10/23/24 18:31	1
1,2,4-Trichlorobenzene	ND		5.5	2.8	ug/Kg	☼	10/23/24 09:44	10/23/24 18:31	1
1,2-Dibromo-3-Chloropropane	ND		11	4.0	ug/Kg	☼	10/23/24 09:44	10/23/24 18:31	1
Ethylene Dibromide	ND		5.5	1.9	ug/Kg	☼	10/23/24 09:44	10/23/24 18:31	1
1,2-Dichlorobenzene	ND		5.5	1.2	ug/Kg	☼	10/23/24 09:44	10/23/24 18:31	1
1,2-Dichloroethane	ND		5.5	2.0	ug/Kg	☼	10/23/24 09:44	10/23/24 18:31	1
1,2-Dichloropropane	ND		5.5	0.94	ug/Kg	☼	10/23/24 09:44	10/23/24 18:31	1
1,3-Dichlorobenzene	ND		5.5	1.8	ug/Kg	☼	10/23/24 09:44	10/23/24 18:31	1
1,4-Dichlorobenzene	ND		5.5	0.97	ug/Kg	☼	10/23/24 09:44	10/23/24 18:31	1
2-Butanone (MEK)	ND		22	3.9	ug/Kg	☼	10/23/24 09:44	10/23/24 18:31	1
2-Hexanone	ND		22	4.5	ug/Kg	☼	10/23/24 09:44	10/23/24 18:31	1
4-Methyl-2-pentanone (MIBK)	ND		22	4.1	ug/Kg	☼	10/23/24 09:44	10/23/24 18:31	1
Acetone	ND		28	23	ug/Kg	☼	10/23/24 09:44	10/23/24 18:31	1
Benzene	ND		5.5	1.7	ug/Kg	☼	10/23/24 09:44	10/23/24 18:31	1
Dichlorobromomethane	ND		5.5	1.7	ug/Kg	☼	10/23/24 09:44	10/23/24 18:31	1
Bromoform	ND		5.5	2.6	ug/Kg	☼	10/23/24 09:44	10/23/24 18:31	1
Bromomethane	ND		5.5	4.6	ug/Kg	☼	10/23/24 09:44	10/23/24 18:31	1
Carbon disulfide	ND		5.5	1.3	ug/Kg	☼	10/23/24 09:44	10/23/24 18:31	1
Carbon tetrachloride	ND		5.5	3.6	ug/Kg	☼	10/23/24 09:44	10/23/24 18:31	1
Chlorobenzene	ND		5.5	1.0	ug/Kg	☼	10/23/24 09:44	10/23/24 18:31	1
Chloroethane	ND		5.5	3.0	ug/Kg	☼	10/23/24 09:44	10/23/24 18:31	1
Chloroform	ND		5.5	2.0	ug/Kg	☼	10/23/24 09:44	10/23/24 18:31	1
Chloromethane	ND		5.5	2.5	ug/Kg	☼	10/23/24 09:44	10/23/24 18:31	1
cis-1,2-Dichloroethene	ND		5.5	1.6	ug/Kg	☼	10/23/24 09:44	10/23/24 18:31	1
cis-1,3-Dichloropropene	ND		5.5	3.2	ug/Kg	☼	10/23/24 09:44	10/23/24 18:31	1
Cyclohexane	ND		11	1.5	ug/Kg	☼	10/23/24 09:44	10/23/24 18:31	1
Chlorodibromomethane	ND		5.5	3.1	ug/Kg	☼	10/23/24 09:44	10/23/24 18:31	1
Dichlorodifluoromethane	ND		5.5	2.5	ug/Kg	☼	10/23/24 09:44	10/23/24 18:31	1
Ethylbenzene	ND		5.5	1.2	ug/Kg	☼	10/23/24 09:44	10/23/24 18:31	1
Isopropylbenzene	ND		5.5	2.1	ug/Kg	☼	10/23/24 09:44	10/23/24 18:31	1
Methyl acetate	ND		28	3.8	ug/Kg	☼	10/23/24 09:44	10/23/24 18:31	1
Methyl tert-butyl ether	ND		5.5	2.2	ug/Kg	☼	10/23/24 09:44	10/23/24 18:31	1
Methylcyclohexane	ND		11	1.4	ug/Kg	☼	10/23/24 09:44	10/23/24 18:31	1
Methylene Chloride	ND		28	13	ug/Kg	☼	10/23/24 09:44	10/23/24 18:31	1
Styrene	ND		5.5	1.3	ug/Kg	☼	10/23/24 09:44	10/23/24 18:31	1
Tetrachloroethene	ND		5.5	2.1	ug/Kg	☼	10/23/24 09:44	10/23/24 18:31	1
Toluene	ND		5.5	0.85	ug/Kg	☼	10/23/24 09:44	10/23/24 18:31	1
trans-1,2-Dichloroethene	ND		5.5	1.6	ug/Kg	☼	10/23/24 09:44	10/23/24 18:31	1
trans-1,3-Dichloropropene	ND		5.5	2.0	ug/Kg	☼	10/23/24 09:44	10/23/24 18:31	1
Trichloroethene	ND		5.5	1.6	ug/Kg	☼	10/23/24 09:44	10/23/24 18:31	1
Trichlorofluoromethane	ND		5.5	3.0	ug/Kg	☼	10/23/24 09:44	10/23/24 18:31	1
Vinyl chloride	ND		5.5	2.0	ug/Kg	☼	10/23/24 09:44	10/23/24 18:31	1
Xylenes, Total	ND		11	1.7	ug/Kg	☼	10/23/24 09:44	10/23/24 18:31	1

Client: August Mack Environmental, Inc.
Project/Site: MSC Canfield

Job ID: 240-213404-1

Client Sample ID: SB-6-18.0-20.0
Date Collected: 10/18/24 08:52
Date Received: 10/18/24 16:00

Lab Sample ID: 240-213404-7
Matrix: Solid
Percent Solids: 87.2

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Toluene-d8 (Surr)	*100*		*56 - 125*	*10/23/24 09:44*	*10/23/24 18:31*	*1*
Dibromofluoromethane (Surr)	*97*		*41 - 138*	*10/23/24 09:44*	*10/23/24 18:31*	*1*
4-Bromofluorobenzene (Surr)	*95*		*41 - 143*	*10/23/24 09:44*	*10/23/24 18:31*	*1*
1,2-Dichloroethane-d4 (Surr)	*96*		*58 - 125*	*10/23/24 09:44*	*10/23/24 18:31*	*1*

Method: SW846 8270E - Semivolatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1'-Biphenyl	ND		110	31	ug/Kg	☼	10/24/24 08:36	10/25/24 13:01	1
bis (2-chloroisopropyl) ether	ND		110	29	ug/Kg	☼	10/24/24 08:36	10/25/24 13:01	1
2,4,5-Trichlorophenol	ND		170	37	ug/Kg	☼	10/24/24 08:36	10/25/24 13:01	1
2,4,6-Trichlorophenol	ND		170	32	ug/Kg	☼	10/24/24 08:36	10/25/24 13:01	1
2,4-Dichlorophenol	ND		170	30	ug/Kg	☼	10/24/24 08:36	10/25/24 13:01	1
2,4-Dimethylphenol	ND		170	40	ug/Kg	☼	10/24/24 08:36	10/25/24 13:01	1
2,4-Dinitrophenol	ND		370	190	ug/Kg	☼	10/24/24 08:36	10/25/24 13:01	1
2,4-Dinitrotoluene	ND		220	26	ug/Kg	☼	10/24/24 08:36	10/25/24 13:01	1
2,6-Dinitrotoluene	ND		220	40	ug/Kg	☼	10/24/24 08:36	10/25/24 13:01	1
2-Chloronaphthalene	ND		110	31	ug/Kg	☼	10/24/24 08:36	10/25/24 13:01	1
2-Chlorophenol	ND		110	29	ug/Kg	☼	10/24/24 08:36	10/25/24 13:01	1
2-Methylnaphthalene	**15**	**J**	45	15	ug/Kg	☼	10/24/24 08:36	10/25/24 13:01	1
2-Methylphenol	ND		220	46	ug/Kg	☼	10/24/24 08:36	10/25/24 13:01	1
2-Nitroaniline	ND		220	42	ug/Kg	☼	10/24/24 08:36	10/25/24 13:01	1
2-Nitrophenol	ND		110	39	ug/Kg	☼	10/24/24 08:36	10/25/24 13:01	1
3,3'-Dichlorobenzidine	ND		170	110	ug/Kg	☼	10/24/24 08:36	10/25/24 13:01	1
3-Nitroaniline	ND		220	39	ug/Kg	☼	10/24/24 08:36	10/25/24 13:01	1
4,6-Dinitro-2-methylphenol	ND		370	120	ug/Kg	☼	10/24/24 08:36	10/25/24 13:01	1
4-Bromophenyl phenyl ether	ND		110	36	ug/Kg	☼	10/24/24 08:36	10/25/24 13:01	1
4-Chloro-3-methylphenol	ND		170	42	ug/Kg	☼	10/24/24 08:36	10/25/24 13:01	1
4-Chloroaniline	ND		170	18	ug/Kg	☼	10/24/24 08:36	10/25/24 13:01	1
4-Chlorophenyl phenyl ether	ND		110	31	ug/Kg	☼	10/24/24 08:36	10/25/24 13:01	1
4-Nitroaniline	ND		220	29	ug/Kg	☼	10/24/24 08:36	10/25/24 13:01	1
4-Nitrophenol	ND		370	100	ug/Kg	☼	10/24/24 08:36	10/25/24 13:01	1
Acenaphthene	ND		45	16	ug/Kg	☼	10/24/24 08:36	10/25/24 13:01	1
Acenaphthylene	ND		45	17	ug/Kg	☼	10/24/24 08:36	10/25/24 13:01	1
Acetophenone	ND		110	28	ug/Kg	☼	10/24/24 08:36	10/25/24 13:01	1
Anthracene	ND		45	13	ug/Kg	☼	10/24/24 08:36	10/25/24 13:01	1
Atrazine	ND		370	77	ug/Kg	☼	10/24/24 08:36	10/25/24 13:01	1
Benzaldehyde	ND		370	63	ug/Kg	☼	10/24/24 08:36	10/25/24 13:01	1
Benzo[a]anthracene	ND		45	17	ug/Kg	☼	10/24/24 08:36	10/25/24 13:01	1
Benzo[a]pyrene	ND		45	16	ug/Kg	☼	10/24/24 08:36	10/25/24 13:01	1
Benzo[b]fluoranthene	ND		45	13	ug/Kg	☼	10/24/24 08:36	10/25/24 13:01	1
Benzo[g,h,i]perylene	ND		45	30	ug/Kg	☼	10/24/24 08:36	10/25/24 13:01	1
Benzo[k]fluoranthene	ND		45	11	ug/Kg	☼	10/24/24 08:36	10/25/24 13:01	1
Bis(2-chloroethoxy)methane	ND		110	22	ug/Kg	☼	10/24/24 08:36	10/25/24 13:01	1
Bis(2-chloroethyl)ether	ND		110	25	ug/Kg	☼	10/24/24 08:36	10/25/24 13:01	1
Bis(2-ethylhexyl) phthalate	**81**	**J B**	170	63	ug/Kg	☼	10/24/24 08:36	10/25/24 13:01	1
Butyl benzyl phthalate	ND		170	57	ug/Kg	☼	10/24/24 08:36	10/25/24 13:01	1
Caprolactam	ND		370	77	ug/Kg	☼	10/24/24 08:36	10/25/24 13:01	1
Carbazole	ND		110	30	ug/Kg	☼	10/24/24 08:36	10/25/24 13:01	1
Chrysene	ND		45	16	ug/Kg	☼	10/24/24 08:36	10/25/24 13:01	1
Dibenz(a,h)anthracene	ND		45	17	ug/Kg	☼	10/24/24 08:36	10/25/24 13:01	1

Client Sample ID: SB-6-18.0-20.0
Date Collected: 10/18/24 08:52
Date Received: 10/18/24 16:00

Lab Sample ID: 240-213404-7
Matrix: Solid
Percent Solids: 87.2

Method: SW846 8270E - Semivolatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Dibenzofuran	ND		110	32	ug/Kg	☼	10/24/24 08:36	10/25/24 13:01	1
Diethyl phthalate	ND		170	48	ug/Kg	☼	10/24/24 08:36	10/25/24 13:01	1
Dimethyl phthalate	ND		170	45	ug/Kg	☼	10/24/24 08:36	10/25/24 13:01	1
Di-n-butyl phthalate	ND		170	57	ug/Kg	☼	10/24/24 08:36	10/25/24 13:01	1
Di-n-octyl phthalate	ND		170	56	ug/Kg	☼	10/24/24 08:36	10/25/24 13:01	1
Fluoranthene	ND		45	16	ug/Kg	☼	10/24/24 08:36	10/25/24 13:01	1
Fluorene	ND		45	16	ug/Kg	☼	10/24/24 08:36	10/25/24 13:01	1
Hexachlorobenzene	ND		45	16	ug/Kg	☼	10/24/24 08:36	10/25/24 13:01	1
Hexachlorobutadiene	ND		110	23	ug/Kg	☼	10/24/24 08:36	10/25/24 13:01	1
Hexachlorocyclopentadiene	ND		370	44	ug/Kg	☼	10/24/24 08:36	10/25/24 13:01	1
Hexachloroethane	ND		110	36	ug/Kg	☼	10/24/24 08:36	10/25/24 13:01	1
Indeno[1,2,3-cd]pyrene	ND		45	13	ug/Kg	☼	10/24/24 08:36	10/25/24 13:01	1
Isophorone	ND		110	29	ug/Kg	☼	10/24/24 08:36	10/25/24 13:01	1
N-Nitrosodi-n-propylamine	ND		110	41	ug/Kg	☼	10/24/24 08:36	10/25/24 13:01	1
N-Nitrosodiphenylamine	ND		110	30	ug/Kg	☼	10/24/24 08:36	10/25/24 13:01	1
Naphthalene	ND		45	15	ug/Kg	☼	10/24/24 08:36	10/25/24 13:01	1
Nitrobenzene	ND		110	25	ug/Kg	☼	10/24/24 08:36	10/25/24 13:01	1
Pentachlorophenol	ND		300	120	ug/Kg	☼	10/24/24 08:36	10/25/24 13:01	1
Phenanthrene	**15**	**J**	45	15	ug/Kg	☼	10/24/24 08:36	10/25/24 13:01	1
Phenol	ND		110	42	ug/Kg	☼	10/24/24 08:36	10/25/24 13:01	1
Pyrene	ND		45	18	ug/Kg	☼	10/24/24 08:36	10/25/24 13:01	1
3 & 4 Methylphenol	ND		450	46	ug/Kg	☼	10/24/24 08:36	10/25/24 13:01	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Terphenyl-d14 (Surr)	*76*		*37 - 120*	*10/24/24 08:36*	*10/25/24 13:01*	*1*
Phenol-d5 (Surr)	*71*		*29 - 120*	*10/24/24 08:36*	*10/25/24 13:01*	*1*
Nitrobenzene-d5 (Surr)	*63*		*28 - 120*	*10/24/24 08:36*	*10/25/24 13:01*	*1*
2-Fluorophenol (Surr)	*72*		*26 - 120*	*10/24/24 08:36*	*10/25/24 13:01*	*1*
2-Fluorobiphenyl (Surr)	*68*		*36 - 120*	*10/24/24 08:36*	*10/25/24 13:01*	*1*
2,4,6-Tribromophenol (Surr)	*43*		*10 - 120*	*10/24/24 08:36*	*10/25/24 13:01*	*1*

Method: SW846 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aroclor-1016	ND		58	29	ug/Kg	☼	10/23/24 09:32	10/24/24 04:43	1
Aroclor-1221	ND		58	35	ug/Kg	☼	10/23/24 09:32	10/24/24 04:43	1
Aroclor-1232	ND		58	25	ug/Kg	☼	10/23/24 09:32	10/24/24 04:43	1
Aroclor-1242	ND		58	22	ug/Kg	☼	10/23/24 09:32	10/24/24 04:43	1
Aroclor-1248	ND		58	20	ug/Kg	☼	10/23/24 09:32	10/24/24 04:43	1
Aroclor-1254	ND		58	25	ug/Kg	☼	10/23/24 09:32	10/24/24 04:43	1
Aroclor-1260	ND		58	25	ug/Kg	☼	10/23/24 09:32	10/24/24 04:43	1
Aroclor-1262	ND		58	26	ug/Kg	☼	10/23/24 09:32	10/24/24 04:43	1
Aroclor-1268	ND		58	19	ug/Kg	☼	10/23/24 09:32	10/24/24 04:43	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Tetrachloro-m-xylene	*61*		*10 - 149*	*10/23/24 09:32*	*10/24/24 04:43*	*1*
DCB Decachlorobiphenyl	*61*		*10 - 174*	*10/23/24 09:32*	*10/24/24 04:43*	*1*

Method: SW846 6010D - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	**12**		1.5	0.32	mg/Kg	☼	10/21/24 15:00	10/22/24 11:24	1

Client: August Mack Environmental, Inc.
Project/Site: MSC Canfield

Job ID: 240-213404-1

Client Sample ID: SB-6-18.0-20.0
Date Collected: 10/18/24 08:52
Date Received: 10/18/24 16:00

Lab Sample ID: 240-213404-7
Matrix: Solid
Percent Solids: 87.2

Method: SW846 6010D - Metals (ICP) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Barium	**27**		20	0.13	mg/Kg	☼	10/21/24 15:00	10/22/24 11:24	1
Cadmium	**0.076**	**J**	0.51	0.049	mg/Kg	☼	10/21/24 15:00	10/22/24 11:24	1
Chromium	**11**		1.0	0.35	mg/Kg	☼	10/21/24 15:00	10/22/24 11:24	1
Copper	**17**		2.6	0.72	mg/Kg	☼	10/21/24 15:00	10/22/24 11:24	1
Lead	**8.7**		1.0	0.29	mg/Kg	☼	10/21/24 15:00	10/22/24 11:24	1
Selenium	ND		2.0	0.48	mg/Kg	☼	10/21/24 15:00	10/22/24 11:24	1
Silver	ND		1.0	0.083	mg/Kg	☼	10/21/24 15:00	10/22/24 11:24	1
Zinc	**60**		5.1	3.7	mg/Kg	☼	10/21/24 15:00	10/22/24 11:24	1

Method: SW846 7471B - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	ND		0.11	0.020	mg/Kg	☼	10/21/24 15:00	10/22/24 10:44	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cr (VI) (SW846 7196A)	ND		0.47	0.16	mg/Kg	☼	10/31/24 17:59	10/31/24 21:52	1
Cyanide, Total (SW846 9012B)	ND		0.53	0.42	mg/Kg	☼	10/29/24 09:44	10/29/24 12:35	1

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Solids (EPA Moisture)	**87.2**		0.1	0.1	%			10/21/24 10:55	1
Percent Moisture (EPA Moisture)	**12.8**		0.1	0.1	%			10/21/24 10:55	1

General Chemistry - ASTM Leach

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cyanide, Free (OI CORP OIA-1677)	ND		0.0060	0.0050	mg/L			10/31/24 16:06	1

Client: August Mack Environmental, Inc.
Project/Site: MSC Canfield

Job ID: 240-213404-1

Client Sample ID: SB-4-8.0-10.0
Date Collected: 10/18/24 11:02
Date Received: 10/18/24 16:00

Lab Sample ID: 240-213404-8
Matrix: Solid
Percent Solids: 85.5

Method: SW846 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		5.7	2.0	ug/Kg	☼	10/24/24 11:19	10/24/24 12:34	1
1,1,2,2-Tetrachloroethane	ND		5.7	1.6	ug/Kg	☼	10/24/24 11:19	10/24/24 12:34	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		5.7	1.5	ug/Kg	☼	10/24/24 11:19	10/24/24 12:34	1
1,1,2-Trichloroethane	ND		5.7	1.3	ug/Kg	☼	10/24/24 11:19	10/24/24 12:34	1
1,1-Dichloroethane	ND		5.7	1.6	ug/Kg	☼	10/24/24 11:19	10/24/24 12:34	1
1,1-Dichloroethene	ND		5.7	2.1	ug/Kg	☼	10/24/24 11:19	10/24/24 12:34	1
1,2,4-Trichlorobenzene	ND		5.7	2.9	ug/Kg	☼	10/24/24 11:19	10/24/24 12:34	1
1,2-Dibromo-3-Chloropropane	ND		11	4.1	ug/Kg	☼	10/24/24 11:19	10/24/24 12:34	1
Ethylene Dibromide	ND		5.7	1.9	ug/Kg	☼	10/24/24 11:19	10/24/24 12:34	1
1,2-Dichlorobenzene	ND		5.7	1.3	ug/Kg	☼	10/24/24 11:19	10/24/24 12:34	1
1,2-Dichloroethane	ND		5.7	2.1	ug/Kg	☼	10/24/24 11:19	10/24/24 12:34	1
1,2-Dichloropropane	ND		5.7	0.97	ug/Kg	☼	10/24/24 11:19	10/24/24 12:34	1
1,3-Dichlorobenzene	ND		5.7	1.9	ug/Kg	☼	10/24/24 11:19	10/24/24 12:34	1
1,4-Dichlorobenzene	ND		5.7	1.0	ug/Kg	☼	10/24/24 11:19	10/24/24 12:34	1
2-Butanone (MEK)	ND		23	4.1	ug/Kg	☼	10/24/24 11:19	10/24/24 12:34	1
2-Hexanone	ND		23	4.7	ug/Kg	☼	10/24/24 11:19	10/24/24 12:34	1
4-Methyl-2-pentanone (MIBK)	ND		23	4.2	ug/Kg	☼	10/24/24 11:19	10/24/24 12:34	1
Acetone	ND		29	24	ug/Kg	☼	10/24/24 11:19	10/24/24 12:34	1
Benzene	ND		5.7	1.7	ug/Kg	☼	10/24/24 11:19	10/24/24 12:34	1
Dichlorobromomethane	ND		5.7	1.7	ug/Kg	☼	10/24/24 11:19	10/24/24 12:34	1
Bromoform	ND		5.7	2.7	ug/Kg	☼	10/24/24 11:19	10/24/24 12:34	1
Bromomethane	ND		5.7	4.7	ug/Kg	☼	10/24/24 11:19	10/24/24 12:34	1
Carbon disulfide	ND		5.7	1.3	ug/Kg	☼	10/24/24 11:19	10/24/24 12:34	1
Carbon tetrachloride	ND		5.7	3.7	ug/Kg	☼	10/24/24 11:19	10/24/24 12:34	1
Chlorobenzene	ND		5.7	1.0	ug/Kg	☼	10/24/24 11:19	10/24/24 12:34	1
Chloroethane	ND		5.7	3.1	ug/Kg	☼	10/24/24 11:19	10/24/24 12:34	1
Chloroform	ND		5.7	2.0	ug/Kg	☼	10/24/24 11:19	10/24/24 12:34	1
Chloromethane	ND		5.7	2.6	ug/Kg	☼	10/24/24 11:19	10/24/24 12:34	1
cis-1,2-Dichloroethene	ND		5.7	1.7	ug/Kg	☼	10/24/24 11:19	10/24/24 12:34	1
cis-1,3-Dichloropropene	ND		5.7	3.3	ug/Kg	☼	10/24/24 11:19	10/24/24 12:34	1
Cyclohexane	ND		11	1.6	ug/Kg	☼	10/24/24 11:19	10/24/24 12:34	1
Chlorodibromomethane	ND		5.7	3.2	ug/Kg	☼	10/24/24 11:19	10/24/24 12:34	1
Dichlorodifluoromethane	ND		5.7	2.6	ug/Kg	☼	10/24/24 11:19	10/24/24 12:34	1
Ethylbenzene	ND		5.7	1.2	ug/Kg	☼	10/24/24 11:19	10/24/24 12:34	1
Isopropylbenzene	ND		5.7	2.2	ug/Kg	☼	10/24/24 11:19	10/24/24 12:34	1
Methyl acetate	ND		29	3.9	ug/Kg	☼	10/24/24 11:19	10/24/24 12:34	1
Methyl tert-butyl ether	ND		5.7	2.3	ug/Kg	☼	10/24/24 11:19	10/24/24 12:34	1
Methylcyclohexane	ND		11	1.4	ug/Kg	☼	10/24/24 11:19	10/24/24 12:34	1
Methylene Chloride	ND		29	14	ug/Kg	☼	10/24/24 11:19	10/24/24 12:34	1
Styrene	ND		5.7	1.3	ug/Kg	☼	10/24/24 11:19	10/24/24 12:34	1
Tetrachloroethene	ND		5.7	2.2	ug/Kg	☼	10/24/24 11:19	10/24/24 12:34	1
Toluene	ND		5.7	0.88	ug/Kg	☼	10/24/24 11:19	10/24/24 12:34	1
trans-1,2-Dichloroethene	ND		5.7	1.6	ug/Kg	☼	10/24/24 11:19	10/24/24 12:34	1
trans-1,3-Dichloropropene	ND		5.7	2.1	ug/Kg	☼	10/24/24 11:19	10/24/24 12:34	1
Trichloroethene	ND		5.7	1.6	ug/Kg	☼	10/24/24 11:19	10/24/24 12:34	1
Trichlorofluoromethane	ND		5.7	3.1	ug/Kg	☼	10/24/24 11:19	10/24/24 12:34	1
Vinyl chloride	ND		5.7	2.0	ug/Kg	☼	10/24/24 11:19	10/24/24 12:34	1
Xylenes, Total	ND		11	1.8	ug/Kg	☼	10/24/24 11:19	10/24/24 12:34	1

Client Sample ID: SB-4-8.0-10.0
Date Collected: 10/18/24 11:02
Date Received: 10/18/24 16:00

Lab Sample ID: 240-213404-8
Matrix: Solid
Percent Solids: 85.5

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Toluene-d8 (Surr)	*103*		*56 - 125*	*10/24/24 11:19*	*10/24/24 12:34*	*1*
Dibromofluoromethane (Surr)	*101*		*41 - 138*	*10/24/24 11:19*	*10/24/24 12:34*	*1*
4-Bromofluorobenzene (Surr)	*94*		*41 - 143*	*10/24/24 11:19*	*10/24/24 12:34*	*1*
1,2-Dichloroethane-d4 (Surr)	*99*		*58 - 125*	*10/24/24 11:19*	*10/24/24 12:34*	*1*

Method: SW846 8270E - Semivolatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1'-Biphenyl	ND		120	33	ug/Kg	☼	10/24/24 08:36	10/25/24 11:49	1
bis (2-chloroisopropyl) ether	ND		120	30	ug/Kg	☼	10/24/24 08:36	10/25/24 11:49	1
2,4,5-Trichlorophenol	ND		170	38	ug/Kg	☼	10/24/24 08:36	10/25/24 11:49	1
2,4,6-Trichlorophenol	ND		170	34	ug/Kg	☼	10/24/24 08:36	10/25/24 11:49	1
2,4-Dichlorophenol	ND		170	31	ug/Kg	☼	10/24/24 08:36	10/25/24 11:49	1
2,4-Dimethylphenol	ND		170	42	ug/Kg	☼	10/24/24 08:36	10/25/24 11:49	1
2,4-Dinitrophenol	ND		380	200	ug/Kg	☼	10/24/24 08:36	10/25/24 11:49	1
2,4-Dinitrotoluene	ND		230	27	ug/Kg	☼	10/24/24 08:36	10/25/24 11:49	1
2,6-Dinitrotoluene	ND		230	42	ug/Kg	☼	10/24/24 08:36	10/25/24 11:49	1
2-Chloronaphthalene	ND		120	33	ug/Kg	☼	10/24/24 08:36	10/25/24 11:49	1
2-Chlorophenol	ND		120	30	ug/Kg	☼	10/24/24 08:36	10/25/24 11:49	1
2-Methylnaphthalene	ND		47	15	ug/Kg	☼	10/24/24 08:36	10/25/24 11:49	1
2-Methylphenol	ND		230	48	ug/Kg	☼	10/24/24 08:36	10/25/24 11:49	1
2-Nitroaniline	ND		230	44	ug/Kg	☼	10/24/24 08:36	10/25/24 11:49	1
2-Nitrophenol	ND		120	41	ug/Kg	☼	10/24/24 08:36	10/25/24 11:49	1
3,3'-Dichlorobenzidine	ND		170	110	ug/Kg	☼	10/24/24 08:36	10/25/24 11:49	1
3-Nitroaniline	ND		230	41	ug/Kg	☼	10/24/24 08:36	10/25/24 11:49	1
4,6-Dinitro-2-methylphenol	ND		380	120	ug/Kg	☼	10/24/24 08:36	10/25/24 11:49	1
4-Bromophenyl phenyl ether	ND		120	37	ug/Kg	☼	10/24/24 08:36	10/25/24 11:49	1
4-Chloro-3-methylphenol	ND		170	44	ug/Kg	☼	10/24/24 08:36	10/25/24 11:49	1
4-Chloroaniline	ND		170	19	ug/Kg	☼	10/24/24 08:36	10/25/24 11:49	1
4-Chlorophenyl phenyl ether	ND		120	33	ug/Kg	☼	10/24/24 08:36	10/25/24 11:49	1
4-Nitroaniline	ND		230	30	ug/Kg	☼	10/24/24 08:36	10/25/24 11:49	1
4-Nitrophenol	ND		380	100	ug/Kg	☼	10/24/24 08:36	10/25/24 11:49	1
Acenaphthene	ND		47	16	ug/Kg	☼	10/24/24 08:36	10/25/24 11:49	1
Acenaphthylene	ND		47	17	ug/Kg	☼	10/24/24 08:36	10/25/24 11:49	1
Acetophenone	ND		120	29	ug/Kg	☼	10/24/24 08:36	10/25/24 11:49	1
Anthracene	ND		47	14	ug/Kg	☼	10/24/24 08:36	10/25/24 11:49	1
Atrazine	ND		380	80	ug/Kg	☼	10/24/24 08:36	10/25/24 11:49	1
Benzaldehyde	ND		380	65	ug/Kg	☼	10/24/24 08:36	10/25/24 11:49	1
Benzo[a]anthracene	ND		47	17	ug/Kg	☼	10/24/24 08:36	10/25/24 11:49	1
Benzo[a]pyrene	ND		47	16	ug/Kg	☼	10/24/24 08:36	10/25/24 11:49	1
Benzo[b]fluoranthene	ND		47	14	ug/Kg	☼	10/24/24 08:36	10/25/24 11:49	1
Benzo[g,h,i]perylene	ND		47	31	ug/Kg	☼	10/24/24 08:36	10/25/24 11:49	1
Benzo[k]fluoranthene	ND		47	12	ug/Kg	☼	10/24/24 08:36	10/25/24 11:49	1
Bis(2-chloroethoxy)methane	ND		120	23	ug/Kg	☼	10/24/24 08:36	10/25/24 11:49	1
Bis(2-chloroethyl)ether	ND		120	26	ug/Kg	☼	10/24/24 08:36	10/25/24 11:49	1
Bis(2-ethylhexyl) phthalate	**97**	**J B**	170	65	ug/Kg	☼	10/24/24 08:36	10/25/24 11:49	1
Butyl benzyl phthalate	ND		170	59	ug/Kg	☼	10/24/24 08:36	10/25/24 11:49	1
Caprolactam	ND		380	80	ug/Kg	☼	10/24/24 08:36	10/25/24 11:49	1
Carbazole	ND		120	31	ug/Kg	☼	10/24/24 08:36	10/25/24 11:49	1
Chrysene	ND		47	16	ug/Kg	☼	10/24/24 08:36	10/25/24 11:49	1
Dibenz(a,h)anthracene	ND		47	17	ug/Kg	☼	10/24/24 08:36	10/25/24 11:49	1

Client Sample ID: SB-4-8.0-10.0
Date Collected: 10/18/24 11:02
Date Received: 10/18/24 16:00

Lab Sample ID: 240-213404-8
Matrix: Solid
Percent Solids: 85.5

Method: SW846 8270E - Semivolatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Dibenzofuran	ND		120	34	ug/Kg	☼	10/24/24 08:36	10/25/24 11:49	1
Diethyl phthalate	ND		170	50	ug/Kg	☼	10/24/24 08:36	10/25/24 11:49	1
Dimethyl phthalate	ND		170	47	ug/Kg	☼	10/24/24 08:36	10/25/24 11:49	1
Di-n-butyl phthalate	ND		170	59	ug/Kg	☼	10/24/24 08:36	10/25/24 11:49	1
Di-n-octyl phthalate	ND		170	58	ug/Kg	☼	10/24/24 08:36	10/25/24 11:49	1
Fluoranthene	ND		47	16	ug/Kg	☼	10/24/24 08:36	10/25/24 11:49	1
Fluorene	ND		47	16	ug/Kg	☼	10/24/24 08:36	10/25/24 11:49	1
Hexachlorobenzene	ND		47	16	ug/Kg	☼	10/24/24 08:36	10/25/24 11:49	1
Hexachlorobutadiene	ND		120	24	ug/Kg	☼	10/24/24 08:36	10/25/24 11:49	1
Hexachlorocyclopentadiene	ND		380	45	ug/Kg	☼	10/24/24 08:36	10/25/24 11:49	1
Hexachloroethane	ND		120	37	ug/Kg	☼	10/24/24 08:36	10/25/24 11:49	1
Indeno[1,2,3-cd]pyrene	ND		47	14	ug/Kg	☼	10/24/24 08:36	10/25/24 11:49	1
Isophorone	ND		120	30	ug/Kg	☼	10/24/24 08:36	10/25/24 11:49	1
N-Nitrosodi-n-propylamine	ND		120	43	ug/Kg	☼	10/24/24 08:36	10/25/24 11:49	1
N-Nitrosodiphenylamine	ND		120	31	ug/Kg	☼	10/24/24 08:36	10/25/24 11:49	1
Naphthalene	ND		47	15	ug/Kg	☼	10/24/24 08:36	10/25/24 11:49	1
Nitrobenzene	ND		120	26	ug/Kg	☼	10/24/24 08:36	10/25/24 11:49	1
Pentachlorophenol	ND		310	120	ug/Kg	☼	10/24/24 08:36	10/25/24 11:49	1
Phenanthrene	ND		47	15	ug/Kg	☼	10/24/24 08:36	10/25/24 11:49	1
Phenol	ND		120	44	ug/Kg	☼	10/24/24 08:36	10/25/24 11:49	1
Pyrene	ND		47	19	ug/Kg	☼	10/24/24 08:36	10/25/24 11:49	1
3 & 4 Methylphenol	ND		470	48	ug/Kg	☼	10/24/24 08:36	10/25/24 11:49	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Terphenyl-d14 (Surr)	*66*		*37 - 120*	*10/24/24 08:36*	*10/25/24 11:49*	*1*
Phenol-d5 (Surr)	*61*		*29 - 120*	*10/24/24 08:36*	*10/25/24 11:49*	*1*
Nitrobenzene-d5 (Surr)	*52*		*28 - 120*	*10/24/24 08:36*	*10/25/24 11:49*	*1*
2-Fluorophenol (Surr)	*62*		*26 - 120*	*10/24/24 08:36*	*10/25/24 11:49*	*1*
2-Fluorobiphenyl (Surr)	*58*		*36 - 120*	*10/24/24 08:36*	*10/25/24 11:49*	*1*
2,4,6-Tribromophenol (Surr)	*65*		*10 - 120*	*10/24/24 08:36*	*10/25/24 11:49*	*1*

Method: SW846 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aroclor-1016	ND		58	29	ug/Kg	☼	10/23/24 09:32	10/24/24 05:00	1
Aroclor-1221	ND		58	35	ug/Kg	☼	10/23/24 09:32	10/24/24 05:00	1
Aroclor-1232	ND		58	24	ug/Kg	☼	10/23/24 09:32	10/24/24 05:00	1
Aroclor-1242	ND		58	22	ug/Kg	☼	10/23/24 09:32	10/24/24 05:00	1
Aroclor-1248	ND		58	20	ug/Kg	☼	10/23/24 09:32	10/24/24 05:00	1
Aroclor-1254	ND		58	24	ug/Kg	☼	10/23/24 09:32	10/24/24 05:00	1
Aroclor-1260	ND		58	24	ug/Kg	☼	10/23/24 09:32	10/24/24 05:00	1
Aroclor-1262	ND		58	26	ug/Kg	☼	10/23/24 09:32	10/24/24 05:00	1
Aroclor-1268	ND		58	19	ug/Kg	☼	10/23/24 09:32	10/24/24 05:00	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Tetrachloro-m-xylene	*73*		*10 - 149*	*10/23/24 09:32*	*10/24/24 05:00*	*1*
DCB Decachlorobiphenyl	*74*		*10 - 174*	*10/23/24 09:32*	*10/24/24 05:00*	*1*

Method: SW846 6010D - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	**14**		1.7	0.36	mg/Kg	☼	10/21/24 15:00	10/22/24 11:29	1

Client: August Mack Environmental, Inc.
Project/Site: MSC Canfield

Job ID: 240-213404-1

Client Sample ID: SB-4-8.0-10.0
Date Collected: 10/18/24 11:02
Date Received: 10/18/24 16:00

Lab Sample ID: 240-213404-8
Matrix: Solid
Percent Solids: 85.5

Method: SW846 6010D - Metals (ICP) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Barium	34		23	0.14	mg/Kg	☼	10/21/24 15:00	10/22/24 11:29	1
Cadmium	0.088	J	0.57	0.055	mg/Kg	☼	10/21/24 15:00	10/22/24 11:29	1
Chromium	13		1.1	0.39	mg/Kg	☼	10/21/24 15:00	10/22/24 11:29	1
Copper	21		2.9	0.80	mg/Kg	☼	10/21/24 15:00	10/22/24 11:29	1
Lead	15		1.1	0.32	mg/Kg	☼	10/21/24 15:00	10/22/24 11:29	1
Selenium	0.79	J	2.3	0.54	mg/Kg	☼	10/21/24 15:00	10/22/24 11:29	1
Silver	ND		1.1	0.093	mg/Kg	☼	10/21/24 15:00	10/22/24 11:29	1
Zinc	68		5.7	4.2	mg/Kg	☼	10/21/24 15:00	10/22/24 11:29	1

Method: SW846 7471B - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	ND		0.13	0.023	mg/Kg	☼	10/21/24 15:00	10/22/24 10:45	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cr (VI) (SW846 7196A)	ND		0.51	0.17	mg/Kg	☼	10/31/24 17:59	10/31/24 21:52	1
Cyanide, Total (SW846 9012B)	ND		0.56	0.45	mg/Kg	☼	10/29/24 09:44	10/29/24 12:37	1

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Solids (EPA Moisture)	85.5		0.1	0.1	%			10/21/24 11:52	1
Percent Moisture (EPA Moisture)	14.5		0.1	0.1	%			10/21/24 11:52	1

General Chemistry - ASTM Leach

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cyanide, Free (OI CORP OIA-1677)	ND		0.0060	0.0050	mg/L			10/31/24 16:09	1

Client: August Mack Environmental, Inc.
Project/Site: MSC Canfield

Job ID: 240-213404-1

Client Sample ID: SB-4-16.0-18.0
Date Collected: 10/18/24 11:11
Date Received: 10/18/24 16:00

Lab Sample ID: 240-213404-9
Matrix: Solid
Percent Solids: 80.7

Method: SW846 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		5.8	2.1	ug/Kg	☼	10/25/24 11:33	10/25/24 14:22	1
1,1,2,2-Tetrachloroethane	ND		5.8	1.7	ug/Kg	☼	10/25/24 11:33	10/25/24 14:22	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		5.8	1.5	ug/Kg	☼	10/25/24 11:33	10/25/24 14:22	1
1,1,2-Trichloroethane	ND		5.8	1.3	ug/Kg	☼	10/25/24 11:33	10/25/24 14:22	1
1,1-Dichloroethane	ND		5.8	1.7	ug/Kg	☼	10/25/24 11:33	10/25/24 14:22	1
1,1-Dichloroethene	ND		5.8	2.1	ug/Kg	☼	10/25/24 11:33	10/25/24 14:22	1
1,2,4-Trichlorobenzene	ND		5.8	2.9	ug/Kg	☼	10/25/24 11:33	10/25/24 14:22	1
1,2-Dibromo-3-Chloropropane	ND		12	4.2	ug/Kg	☼	10/25/24 11:33	10/25/24 14:22	1
Ethylene Dibromide	ND		5.8	2.0	ug/Kg	☼	10/25/24 11:33	10/25/24 14:22	1
1,2-Dichlorobenzene	ND		5.8	1.3	ug/Kg	☼	10/25/24 11:33	10/25/24 14:22	1
1,2-Dichloroethane	ND		5.8	2.1	ug/Kg	☼	10/25/24 11:33	10/25/24 14:22	1
1,2-Dichloropropane	ND		5.8	0.99	ug/Kg	☼	10/25/24 11:33	10/25/24 14:22	1
1,3-Dichlorobenzene	ND		5.8	1.9	ug/Kg	☼	10/25/24 11:33	10/25/24 14:22	1
1,4-Dichlorobenzene	ND		5.8	1.0	ug/Kg	☼	10/25/24 11:33	10/25/24 14:22	1
2-Butanone (MEK)	ND		23	4.1	ug/Kg	☼	10/25/24 11:33	10/25/24 14:22	1
2-Hexanone	ND		23	4.8	ug/Kg	☼	10/25/24 11:33	10/25/24 14:22	1
4-Methyl-2-pentanone (MIBK)	ND		23	4.3	ug/Kg	☼	10/25/24 11:33	10/25/24 14:22	1
Acetone	ND		29	24	ug/Kg	☼	10/25/24 11:33	10/25/24 14:22	1
Benzene	ND		5.8	1.7	ug/Kg	☼	10/25/24 11:33	10/25/24 14:22	1
Dichlorobromomethane	ND		5.8	1.7	ug/Kg	☼	10/25/24 11:33	10/25/24 14:22	1
Bromoform	ND		5.8	2.8	ug/Kg	☼	10/25/24 11:33	10/25/24 14:22	1
Bromomethane	ND		5.8	4.8	ug/Kg	☼	10/25/24 11:33	10/25/24 14:22	1
Carbon disulfide	ND		5.8	1.4	ug/Kg	☼	10/25/24 11:33	10/25/24 14:22	1
Carbon tetrachloride	ND		5.8	3.8	ug/Kg	☼	10/25/24 11:33	10/25/24 14:22	1
Chlorobenzene	ND		5.8	1.1	ug/Kg	☼	10/25/24 11:33	10/25/24 14:22	1
Chloroethane	ND		5.8	3.2	ug/Kg	☼	10/25/24 11:33	10/25/24 14:22	1
Chloroform	ND		5.8	2.1	ug/Kg	☼	10/25/24 11:33	10/25/24 14:22	1
Chloromethane	ND		5.8	2.7	ug/Kg	☼	10/25/24 11:33	10/25/24 14:22	1
cis-1,2-Dichloroethene	ND		5.8	1.7	ug/Kg	☼	10/25/24 11:33	10/25/24 14:22	1
cis-1,3-Dichloropropene	ND		5.8	3.4	ug/Kg	☼	10/25/24 11:33	10/25/24 14:22	1
Cyclohexane	ND		12	1.6	ug/Kg	☼	10/25/24 11:33	10/25/24 14:22	1
Chlorodibromomethane	ND		5.8	3.2	ug/Kg	☼	10/25/24 11:33	10/25/24 14:22	1
Dichlorodifluoromethane	ND		5.8	2.6	ug/Kg	☼	10/25/24 11:33	10/25/24 14:22	1
Ethylbenzene	ND		5.8	1.2	ug/Kg	☼	10/25/24 11:33	10/25/24 14:22	1
Isopropylbenzene	ND		5.8	2.2	ug/Kg	☼	10/25/24 11:33	10/25/24 14:22	1
Methyl acetate	ND		29	4.0	ug/Kg	☼	10/25/24 11:33	10/25/24 14:22	1
Methyl tert-butyl ether	ND		5.8	2.3	ug/Kg	☼	10/25/24 11:33	10/25/24 14:22	1
Methylcyclohexane	ND		12	1.4	ug/Kg	☼	10/25/24 11:33	10/25/24 14:22	1
Methylene Chloride	ND	*+	29	14	ug/Kg	☼	10/25/24 11:33	10/25/24 14:22	1
Styrene	ND		5.8	1.4	ug/Kg	☼	10/25/24 11:33	10/25/24 14:22	1
Tetrachloroethene	ND		5.8	2.2	ug/Kg	☼	10/25/24 11:33	10/25/24 14:22	1
Toluene	ND		5.8	0.90	ug/Kg	☼	10/25/24 11:33	10/25/24 14:22	1
trans-1,2-Dichloroethene	ND		5.8	1.7	ug/Kg	☼	10/25/24 11:33	10/25/24 14:22	1
trans-1,3-Dichloropropene	ND		5.8	2.1	ug/Kg	☼	10/25/24 11:33	10/25/24 14:22	1
Trichloroethene	ND		5.8	1.7	ug/Kg	☼	10/25/24 11:33	10/25/24 14:22	1
Trichlorofluoromethane	ND		5.8	3.1	ug/Kg	☼	10/25/24 11:33	10/25/24 14:22	1
Vinyl chloride	ND		5.8	2.1	ug/Kg	☼	10/25/24 11:33	10/25/24 14:22	1
Xylenes, Total	ND		12	1.8	ug/Kg	☼	10/25/24 11:33	10/25/24 14:22	1

Client Sample ID: SB-4-16.0-18.0
Date Collected: 10/18/24 11:11
Date Received: 10/18/24 16:00

Lab Sample ID: 240-213404-9
Matrix: Solid
Percent Solids: 80.7

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Toluene-d8 (Surr)	*112*		*56 - 125*	*10/25/24 11:33*	*10/25/24 14:22*	*1*
Dibromofluoromethane (Surr)	*99*		*41 - 138*	*10/25/24 11:33*	*10/25/24 14:22*	*1*
4-Bromofluorobenzene (Surr)	*121*		*41 - 143*	*10/25/24 11:33*	*10/25/24 14:22*	*1*
1,2-Dichloroethane-d4 (Surr)	*99*		*58 - 125*	*10/25/24 11:33*	*10/25/24 14:22*	*1*

Method: SW846 8270E - Semivolatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1'-Biphenyl	ND		120	34	ug/Kg	☼	10/24/24 08:36	10/25/24 12:37	1
bis (2-chloroisopropyl) ether	ND		120	32	ug/Kg	☼	10/24/24 08:36	10/25/24 12:37	1
2,4,5-Trichlorophenol	ND		180	40	ug/Kg	☼	10/24/24 08:36	10/25/24 12:37	1
2,4,6-Trichlorophenol	ND		180	35	ug/Kg	☼	10/24/24 08:36	10/25/24 12:37	1
2,4-Dichlorophenol	ND		180	33	ug/Kg	☼	10/24/24 08:36	10/25/24 12:37	1
2,4-Dimethylphenol	ND		180	44	ug/Kg	☼	10/24/24 08:36	10/25/24 12:37	1
2,4-Dinitrophenol	ND		400	210	ug/Kg	☼	10/24/24 08:36	10/25/24 12:37	1
2,4-Dinitrotoluene	ND		240	28	ug/Kg	☼	10/24/24 08:36	10/25/24 12:37	1
2,6-Dinitrotoluene	ND		240	44	ug/Kg	☼	10/24/24 08:36	10/25/24 12:37	1
2-Chloronaphthalene	ND		120	34	ug/Kg	☼	10/24/24 08:36	10/25/24 12:37	1
2-Chlorophenol	ND		120	32	ug/Kg	☼	10/24/24 08:36	10/25/24 12:37	1
2-Methylnaphthalene	ND		49	16	ug/Kg	☼	10/24/24 08:36	10/25/24 12:37	1
2-Methylphenol	ND		240	50	ug/Kg	☼	10/24/24 08:36	10/25/24 12:37	1
2-Nitroaniline	ND		240	46	ug/Kg	☼	10/24/24 08:36	10/25/24 12:37	1
2-Nitrophenol	ND		120	43	ug/Kg	☼	10/24/24 08:36	10/25/24 12:37	1
3,3'-Dichlorobenzidine	ND		180	120	ug/Kg	☼	10/24/24 08:36	10/25/24 12:37	1
3-Nitroaniline	ND		240	43	ug/Kg	☼	10/24/24 08:36	10/25/24 12:37	1
4,6-Dinitro-2-methylphenol	ND		400	130	ug/Kg	☼	10/24/24 08:36	10/25/24 12:37	1
4-Bromophenyl phenyl ether	ND		120	39	ug/Kg	☼	10/24/24 08:36	10/25/24 12:37	1
4-Chloro-3-methylphenol	ND		180	46	ug/Kg	☼	10/24/24 08:36	10/25/24 12:37	1
4-Chloroaniline	ND		180	19	ug/Kg	☼	10/24/24 08:36	10/25/24 12:37	1
4-Chlorophenyl phenyl ether	ND		120	34	ug/Kg	☼	10/24/24 08:36	10/25/24 12:37	1
4-Nitroaniline	ND		240	32	ug/Kg	☼	10/24/24 08:36	10/25/24 12:37	1
4-Nitrophenol	ND		400	110	ug/Kg	☼	10/24/24 08:36	10/25/24 12:37	1
Acenaphthene	ND		49	17	ug/Kg	☼	10/24/24 08:36	10/25/24 12:37	1
Acenaphthylene	ND		49	18	ug/Kg	☼	10/24/24 08:36	10/25/24 12:37	1
Acetophenone	ND		120	30	ug/Kg	☼	10/24/24 08:36	10/25/24 12:37	1
Anthracene	ND		49	15	ug/Kg	☼	10/24/24 08:36	10/25/24 12:37	1
Atrazine	ND		400	84	ug/Kg	☼	10/24/24 08:36	10/25/24 12:37	1
Benzaldehyde	ND		400	68	ug/Kg	☼	10/24/24 08:36	10/25/24 12:37	1
Benzo[a]anthracene	ND		49	18	ug/Kg	☼	10/24/24 08:36	10/25/24 12:37	1
Benzo[a]pyrene	ND		49	17	ug/Kg	☼	10/24/24 08:36	10/25/24 12:37	1
Benzo[b]fluoranthene	ND		49	15	ug/Kg	☼	10/24/24 08:36	10/25/24 12:37	1
Benzo[g,h,i]perylene	ND		49	33	ug/Kg	☼	10/24/24 08:36	10/25/24 12:37	1
Benzo[k]fluoranthene	ND		49	12	ug/Kg	☼	10/24/24 08:36	10/25/24 12:37	1
Bis(2-chloroethoxy)methane	ND		120	24	ug/Kg	☼	10/24/24 08:36	10/25/24 12:37	1
Bis(2-chloroethyl)ether	ND		120	27	ug/Kg	☼	10/24/24 08:36	10/25/24 12:37	1
Bis(2-ethylhexyl) phthalate	**89**	**J B**	180	68	ug/Kg	☼	10/24/24 08:36	10/25/24 12:37	1
Butyl benzyl phthalate	ND		180	62	ug/Kg	☼	10/24/24 08:36	10/25/24 12:37	1
Caprolactam	ND		400	84	ug/Kg	☼	10/24/24 08:36	10/25/24 12:37	1
Carbazole	ND		120	33	ug/Kg	☼	10/24/24 08:36	10/25/24 12:37	1
Chrysene	ND		49	17	ug/Kg	☼	10/24/24 08:36	10/25/24 12:37	1
Dibenz(a,h)anthracene	ND		49	18	ug/Kg	☼	10/24/24 08:36	10/25/24 12:37	1

Client Sample ID: SB-4-16.0-18.0
Date Collected: 10/18/24 11:11
Date Received: 10/18/24 16:00

Lab Sample ID: 240-213404-9
Matrix: Solid
Percent Solids: 80.7

Method: SW846 8270E - Semivolatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Dibenzofuran	ND		120	35	ug/Kg	☼	10/24/24 08:36	10/25/24 12:37	1
Diethyl phthalate	ND		180	52	ug/Kg	☼	10/24/24 08:36	10/25/24 12:37	1
Dimethyl phthalate	ND		180	49	ug/Kg	☼	10/24/24 08:36	10/25/24 12:37	1
Di-n-butyl phthalate	ND		180	62	ug/Kg	☼	10/24/24 08:36	10/25/24 12:37	1
Di-n-octyl phthalate	ND		180	61	ug/Kg	☼	10/24/24 08:36	10/25/24 12:37	1
Fluoranthene	ND		49	17	ug/Kg	☼	10/24/24 08:36	10/25/24 12:37	1
Fluorene	ND		49	17	ug/Kg	☼	10/24/24 08:36	10/25/24 12:37	1
Hexachlorobenzene	ND		49	17	ug/Kg	☼	10/24/24 08:36	10/25/24 12:37	1
Hexachlorobutadiene	ND		120	26	ug/Kg	☼	10/24/24 08:36	10/25/24 12:37	1
Hexachlorocyclopentadiene	ND		400	47	ug/Kg	☼	10/24/24 08:36	10/25/24 12:37	1
Hexachloroethane	ND		120	39	ug/Kg	☼	10/24/24 08:36	10/25/24 12:37	1
Indeno[1,2,3-cd]pyrene	ND		49	15	ug/Kg	☼	10/24/24 08:36	10/25/24 12:37	1
Isophorone	ND		120	32	ug/Kg	☼	10/24/24 08:36	10/25/24 12:37	1
N-Nitrosodi-n-propylamine	ND		120	45	ug/Kg	☼	10/24/24 08:36	10/25/24 12:37	1
N-Nitrosodiphenylamine	ND		120	33	ug/Kg	☼	10/24/24 08:36	10/25/24 12:37	1
Naphthalene	ND		49	16	ug/Kg	☼	10/24/24 08:36	10/25/24 12:37	1
Nitrobenzene	ND		120	27	ug/Kg	☼	10/24/24 08:36	10/25/24 12:37	1
Pentachlorophenol	ND		330	130	ug/Kg	☼	10/24/24 08:36	10/25/24 12:37	1
Phenanthrene	ND		49	16	ug/Kg	☼	10/24/24 08:36	10/25/24 12:37	1
Phenol	ND		120	46	ug/Kg	☼	10/24/24 08:36	10/25/24 12:37	1
Pyrene	ND		49	19	ug/Kg	☼	10/24/24 08:36	10/25/24 12:37	1
3 & 4 Methylphenol	ND		490	50	ug/Kg	☼	10/24/24 08:36	10/25/24 12:37	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Terphenyl-d14 (Surr)	*52*		*37 - 120*	*10/24/24 08:36*	*10/25/24 12:37*	*1*
Phenol-d5 (Surr)	*55*		*29 - 120*	*10/24/24 08:36*	*10/25/24 12:37*	*1*
Nitrobenzene-d5 (Surr)	*47*		*28 - 120*	*10/24/24 08:36*	*10/25/24 12:37*	*1*
2-Fluorophenol (Surr)	*55*		*26 - 120*	*10/24/24 08:36*	*10/25/24 12:37*	*1*
2-Fluorobiphenyl (Surr)	*52*		*36 - 120*	*10/24/24 08:36*	*10/25/24 12:37*	*1*
2,4,6-Tribromophenol (Surr)	*31*		*10 - 120*	*10/24/24 08:36*	*10/25/24 12:37*	*1*

Method: SW846 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aroclor-1016	ND		64	32	ug/Kg	☼	10/23/24 09:32	10/24/24 05:17	1
Aroclor-1221	ND		64	38	ug/Kg	☼	10/23/24 09:32	10/24/24 05:17	1
Aroclor-1232	ND		64	27	ug/Kg	☼	10/23/24 09:32	10/24/24 05:17	1
Aroclor-1242	ND		64	24	ug/Kg	☼	10/23/24 09:32	10/24/24 05:17	1
Aroclor-1248	ND		64	22	ug/Kg	☼	10/23/24 09:32	10/24/24 05:17	1
Aroclor-1254	ND		64	27	ug/Kg	☼	10/23/24 09:32	10/24/24 05:17	1
Aroclor-1260	ND		64	27	ug/Kg	☼	10/23/24 09:32	10/24/24 05:17	1
Aroclor-1262	ND		64	28	ug/Kg	☼	10/23/24 09:32	10/24/24 05:17	1
Aroclor-1268	ND		64	20	ug/Kg	☼	10/23/24 09:32	10/24/24 05:17	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Tetrachloro-m-xylene	*60*		*10 - 149*	*10/23/24 09:32*	*10/24/24 05:17*	*1*
DCB Decachlorobiphenyl	*55*		*10 - 174*	*10/23/24 09:32*	*10/24/24 05:17*	*1*

Method: SW846 6010D - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	**18**		1.8	0.38	mg/Kg	☼	10/21/24 15:00	10/22/24 11:33	1

Client: August Mack Environmental, Inc.
Project/Site: MSC Canfield

Job ID: 240-213404-1

Client Sample ID: SB-4-16.0-18.0
Date Collected: 10/18/24 11:11
Date Received: 10/18/24 16:00

Lab Sample ID: 240-213404-9
Matrix: Solid
Percent Solids: 80.7

Method: SW846 6010D - Metals (ICP) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Barium	**16**	**J**	24	0.15	mg/Kg	☼	10/21/24 15:00	10/22/24 11:33	1
Cadmium	ND		0.60	0.058	mg/Kg	☼	10/21/24 15:00	10/22/24 11:33	1
Chromium	**12**		1.2	0.41	mg/Kg	☼	10/21/24 15:00	10/22/24 11:33	1
Copper	**17**		3.0	0.84	mg/Kg	☼	10/21/24 15:00	10/22/24 11:33	1
Lead	**8.7**		1.2	0.34	mg/Kg	☼	10/21/24 15:00	10/22/24 11:33	1
Selenium	**0.61**	**J**	2.4	0.56	mg/Kg	☼	10/21/24 15:00	10/22/24 11:33	1
Silver	ND		1.2	0.097	mg/Kg	☼	10/21/24 15:00	10/22/24 11:33	1
Zinc	**55**		6.0	4.4	mg/Kg	☼	10/21/24 15:00	10/22/24 11:33	1

Method: SW846 7471B - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	ND		0.11	0.020	mg/Kg	☼	10/21/24 15:00	10/22/24 10:47	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cr (VI) (SW846 7196A)	ND		0.51	0.17	mg/Kg	☼	10/31/24 17:59	10/31/24 21:52	1
Cyanide, Total (SW846 9012B)	ND		0.70	0.56	mg/Kg	☼	10/29/24 14:51	10/29/24 17:18	1

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Solids (EPA Moisture)	**80.7**		0.1	0.1	%			10/21/24 10:55	1
Percent Moisture (EPA Moisture)	**19.3**		0.1	0.1	%			10/21/24 10:55	1

General Chemistry - ASTM Leach

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cyanide, Free (OI CORP OIA-1677)	ND		0.0060	0.0050	mg/L			10/31/24 16:04	1

Surrogate Summary

Client: August Mack Environmental, Inc.
Project/Site: MSC Canfield

Job ID: 240-213404-1

Method: 8260D - Volatile Organic Compounds by GC/MS

Matrix: Solid

Prep Type: Total/NA

		Percent Surrogate Recovery (Acceptance Limits)			
		TOL	DBFM	BFB	DCA
Lab Sample ID	Client Sample ID	(56-125)	(41-138)	(41-143)	(58-125)
240-213404-1	SB-8-12.0-14.0	101	101	92	103
240-213404-2	SB-8-20.0-22.0	103	96	91	96
240-213404-2 MS	SB-8-20.0-22.0	103	97	97	92
240-213404-2 MSD	SB-8-20.0-22.0	103	98	94	90
240-213404-3	SB-DUP-3	100	97	92	99
240-213404-5	SB-6-8.0-10.0	101	98	90	99
240-213404-6	SB-6-12.0-14.0	102	100	95	101
240-213404-7	SB-6-18.0-20.0	100	97	95	96
240-213404-7 MS	SB-6-18.0-20.0	102	101	98	99
240-213404-7 MSD	SB-6-18.0-20.0	102	101	101	98
240-213404-8	SB-4-8.0-10.0	103	101	94	99
240-213404-9	SB-4-16.0-18.0	112	99	121	99
LCS 240-631807/5	Lab Control Sample	98	97	93	95
LCS 240-631971/2-A	Lab Control Sample	101	96	97	93
LCS 240-632002/5	Lab Control Sample	101	98	95	95
LCS 240-632210/5	Lab Control Sample	100	100	95	97
LCS 240-632400/6	Lab Control Sample	100	100	93	99
MB 240-631807/7	Method Blank	99	100	91	102
MB 240-631971/1-A	Method Blank	102	94	93	96
MB 240-632002/7	Method Blank	100	99	91	97
MB 240-632210/7	Method Blank	100	101	92	101
MB 240-632400/8	Method Blank	99	101	90	101

Surrogate Legend

TOL = Toluene-d8 (Surr)
DBFM = Dibromofluoromethane (Surr)
BFB = 4-Bromofluorobenzene (Surr)
DCA = 1,2-Dichloroethane-d4 (Surr)

Method: 8270E - Semivolatile Organic Compounds (GC/MS)

Matrix: Solid

Prep Type: Total/NA

		Percent Surrogate Recovery (Acceptance Limits)					
		TPHL	PHL	NBZ	2FP	FBP	TBP
Lab Sample ID	Client Sample ID	(37-120)	(29-120)	(28-120)	(26-120)	(36-120)	(10-120)
240-213404-1	SB-8-12.0-14.0	83	79	68	78	74	76
240-213404-1 MS	SB-8-12.0-14.0	59	80	54	75	55	70
240-213404-1 MSD	SB-8-12.0-14.0	39	42	31	41	33 S1-	40
240-213404-2	SB-8-20.0-22.0	65	64	56	65	60	43
240-213404-3	SB-DUP-3	68	56	47	56	54	57
240-213404-5	SB-6-8.0-10.0	65	59	50	59	55	56
240-213404-6	SB-6-12.0-14.0	67	60	51	61	59	43
240-213404-7	SB-6-18.0-20.0	76	71	63	72	68	43
240-213404-8	SB-4-8.0-10.0	66	61	52	62	58	65
240-213404-9	SB-4-16.0-18.0	52	55	47	55	52	31
LCS 240-632215/2-A	Lab Control Sample	68	64	62	63	61	72
MB 240-632215/1-A	Method Blank	76	78	66	77	73	76

Surrogate Legend

TPHL = Terphenyl-d14 (Surr)
PHL = Phenol-d5 (Surr)

Surrogate Summary

Client: August Mack Environmental, Inc. Job ID: 240-213404-1
Project/Site: MSC Canfield

NBZ = Nitrobenzene-d5 (Surr)
2FP = 2-Fluorophenol (Surr)
FBP = 2-Fluorobiphenyl (Surr)
TBP = 2,4,6-Tribromophenol (Surr)

Method: 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Matrix: Solid **Prep Type: Total/NA**

		Percent Surrogate Recovery (Acceptance Limits)									
		TCX1	DCBP1								
Lab Sample ID	Client Sample ID	(10-149)	(10-174)								
240-213404-1	SB-8-12.0-14.0	77	68								
240-213404-2	SB-8-20.0-22.0	66	58								
240-213404-3	SB-DUP-3	75	82								
240-213404-5	SB-6-8.0-10.0	79	79								
240-213404-6	SB-6-12.0-14.0	69	68								
240-213404-7	SB-6-18.0-20.0	61	61								
240-213404-8	SB-4-8.0-10.0	73	74								
240-213404-9	SB-4-16.0-18.0	60	55								
LCS 240-632074/2-A	Lab Control Sample	35	55								
MB 240-632074/1-A	Method Blank	59	62								

Surrogate Legend

TCX = Tetrachloro-m-xylene
DCBP = DCB Decachlorobiphenyl

Method: 8260D - Volatile Organic Compounds by GC/MS

Lab Sample ID: MB 240-631807/7
Matrix: Solid
Analysis Batch: 631807

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		5.0	1.8	ug/Kg			10/22/24 11:01	1
1,1,2,2-Tetrachloroethane	ND		5.0	1.4	ug/Kg			10/22/24 11:01	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		5.0	1.3	ug/Kg			10/22/24 11:01	1
1,1,2-Trichloroethane	ND		5.0	1.1	ug/Kg			10/22/24 11:01	1
1,1-Dichloroethane	ND		5.0	1.4	ug/Kg			10/22/24 11:01	1
1,1-Dichloroethene	ND		5.0	1.8	ug/Kg			10/22/24 11:01	1
1,2,4-Trichlorobenzene	ND		5.0	2.5	ug/Kg			10/22/24 11:01	1
1,2-Dibromo-3-Chloropropane	ND		10	3.6	ug/Kg			10/22/24 11:01	1
Ethylene Dibromide	ND		5.0	1.7	ug/Kg			10/22/24 11:01	1
1,2-Dichlorobenzene	ND		5.0	1.1	ug/Kg			10/22/24 11:01	1
1,2-Dichloroethane	ND		5.0	1.8	ug/Kg			10/22/24 11:01	1
1,2-Dichloropropane	ND		5.0	0.85	ug/Kg			10/22/24 11:01	1
1,3-Dichlorobenzene	ND		5.0	1.6	ug/Kg			10/22/24 11:01	1
1,4-Dichlorobenzene	ND		5.0	0.88	ug/Kg			10/22/24 11:01	1
2-Butanone (MEK)	ND		20	3.6	ug/Kg			10/22/24 11:01	1
2-Hexanone	ND		20	4.1	ug/Kg			10/22/24 11:01	1
4-Methyl-2-pentanone (MIBK)	ND		20	3.7	ug/Kg			10/22/24 11:01	1
Acetone	ND		25	21	ug/Kg			10/22/24 11:01	1
Benzene	ND		5.0	1.5	ug/Kg			10/22/24 11:01	1
Dichlorobromomethane	ND		5.0	1.5	ug/Kg			10/22/24 11:01	1
Bromoform	ND		5.0	2.4	ug/Kg			10/22/24 11:01	1
Bromomethane	ND		5.0	4.2	ug/Kg			10/22/24 11:01	1
Carbon disulfide	ND		5.0	1.2	ug/Kg			10/22/24 11:01	1
Carbon tetrachloride	ND		5.0	3.3	ug/Kg			10/22/24 11:01	1
Chlorobenzene	ND		5.0	0.92	ug/Kg			10/22/24 11:01	1
Chloroethane	ND		5.0	2.7	ug/Kg			10/22/24 11:01	1
Chloroform	ND		5.0	1.8	ug/Kg			10/22/24 11:01	1
Chloromethane	ND		5.0	2.3	ug/Kg			10/22/24 11:01	1
cis-1,2-Dichloroethene	ND		5.0	1.5	ug/Kg			10/22/24 11:01	1
cis-1,3-Dichloropropene	ND		5.0	2.9	ug/Kg			10/22/24 11:01	1
Cyclohexane	ND		10	1.4	ug/Kg			10/22/24 11:01	1
Chlorodibromomethane	ND		5.0	2.8	ug/Kg			10/22/24 11:01	1
Dichlorodifluoromethane	ND		5.0	2.3	ug/Kg			10/22/24 11:01	1
Ethylbenzene	ND		5.0	1.0	ug/Kg			10/22/24 11:01	1
Isopropylbenzene	ND		5.0	1.9	ug/Kg			10/22/24 11:01	1
Methyl acetate	ND		25	3.4	ug/Kg			10/22/24 11:01	1
Methyl tert-butyl ether	ND		5.0	2.0	ug/Kg			10/22/24 11:01	1
Methylcyclohexane	ND		10	1.2	ug/Kg			10/22/24 11:01	1
Methylene Chloride	ND		25	12	ug/Kg			10/22/24 11:01	1
Styrene	ND		5.0	1.2	ug/Kg			10/22/24 11:01	1
Tetrachloroethene	ND		5.0	1.9	ug/Kg			10/22/24 11:01	1
Toluene	ND		5.0	0.77	ug/Kg			10/22/24 11:01	1
trans-1,2-Dichloroethene	ND		5.0	1.4	ug/Kg			10/22/24 11:01	1
trans-1,3-Dichloropropene	ND		5.0	1.8	ug/Kg			10/22/24 11:01	1
Trichloroethene	ND		5.0	1.4	ug/Kg			10/22/24 11:01	1
Trichlorofluoromethane	ND		5.0	2.7	ug/Kg			10/22/24 11:01	1
Vinyl chloride	ND		5.0	1.8	ug/Kg			10/22/24 11:01	1
Xylenes, Total	ND		10	1.6	ug/Kg			10/22/24 11:01	1

Method: 8260D - Volatile Organic Compounds by GC/MS (Continued)

Lab Sample ID: MB 240-631807/7
Matrix: Solid
Analysis Batch: 631807

Client Sample ID: Method Blank
Prep Type: Total/NA

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
Toluene-d8 (Surr)	*99*		*56 - 125*		*10/22/24 11:01*	*1*
Dibromofluoromethane (Surr)	*100*		*41 - 138*		*10/22/24 11:01*	*1*
4-Bromofluorobenzene (Surr)	*91*		*41 - 143*		*10/22/24 11:01*	*1*
1,2-Dichloroethane-d4 (Surr)	*102*		*58 - 125*		*10/22/24 11:01*	*1*

Lab Sample ID: LCS 240-631807/5
Matrix: Solid
Analysis Batch: 631807

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
1,1,1-Trichloroethane	50.0	52.7		ug/Kg		105	74 - 136
1,1,2,2-Tetrachloroethane	50.0	49.8		ug/Kg		100	66 - 129
1,1,2-Trichloro-1,2,2-trifluoroethane	50.0	61.5		ug/Kg		123	64 - 148
1,1,2-Trichloroethane	50.0	50.7		ug/Kg		101	79 - 120
1,1-Dichloroethane	50.0	47.5		ug/Kg		95	74 - 121
1,1-Dichloroethene	50.0	58.2		ug/Kg		116	68 - 141
1,2,4-Trichlorobenzene	50.0	58.3		ug/Kg		117	58 - 132
1,2-Dibromo-3-Chloropropane	50.0	57.6		ug/Kg		115	52 - 133
Ethylene Dibromide	50.0	51.3		ug/Kg		103	80 - 121
1,2-Dichlorobenzene	50.0	54.1		ug/Kg		108	73 - 120
1,2-Dichloroethane	50.0	47.2		ug/Kg		94	71 - 123
1,2-Dichloropropane	50.0	46.9		ug/Kg		94	76 - 126
1,3-Dichlorobenzene	50.0	51.1		ug/Kg		102	73 - 120
1,4-Dichlorobenzene	50.0	50.8		ug/Kg		102	74 - 120
2-Butanone (MEK)	100	92.8		ug/Kg		93	63 - 142
2-Hexanone	100	84.7		ug/Kg		85	65 - 142
4-Methyl-2-pentanone (MIBK)	100	99.3		ug/Kg		99	62 - 142
Acetone	100	126		ug/Kg		126	58 - 160
Benzene	50.0	46.7		ug/Kg		93	76 - 121
Dichlorobromomethane	50.0	49.6		ug/Kg		99	71 - 138
Bromoform	50.0	52.8		ug/Kg		106	57 - 140
Bromomethane	50.0	63.9		ug/Kg		128	10 - 171
Carbon disulfide	50.0	56.5		ug/Kg		113	43 - 152
Carbon tetrachloride	50.0	52.4		ug/Kg		105	64 - 144
Chlorobenzene	50.0	50.6		ug/Kg		101	80 - 120
Chloroethane	50.0	56.5		ug/Kg		113	11 - 164
Chloroform	50.0	48.5		ug/Kg		97	78 - 120
Chloromethane	50.0	50.0		ug/Kg		100	41 - 142
cis-1,2-Dichloroethene	50.0	49.0		ug/Kg		98	78 - 124
cis-1,3-Dichloropropene	50.0	43.6		ug/Kg		87	70 - 133
Cyclohexane	50.0	51.9		ug/Kg		104	65 - 137
Chlorodibromomethane	50.0	52.2		ug/Kg		104	68 - 131
Dichlorodifluoromethane	50.0	43.6		ug/Kg		87	21 - 150
Ethylbenzene	50.0	50.3		ug/Kg		101	80 - 120
Isopropylbenzene	50.0	59.6		ug/Kg		119	80 - 130
Methyl acetate	100	92.3		ug/Kg		92	60 - 133
Methyl tert-butyl ether	50.0	47.9		ug/Kg		96	70 - 130
Methylcyclohexane	50.0	50.0		ug/Kg		100	70 - 138

Method: 8260D - Volatile Organic Compounds by GC/MS (Continued)

Lab Sample ID: LCS 240-631807/5
Matrix: Solid
Analysis Batch: 631807

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Methylene Chloride	50.0	57.0		ug/Kg		114	71 - 124
Styrene	50.0	50.5		ug/Kg		101	75 - 140
Tetrachloroethene	50.0	51.4		ug/Kg		103	76 - 127
Toluene	50.0	49.4		ug/Kg		99	80 - 120
trans-1,2-Dichloroethene	50.0	50.5		ug/Kg		101	76 - 130
trans-1,3-Dichloropropene	50.0	49.5		ug/Kg		99	61 - 121
Trichloroethene	50.0	50.8		ug/Kg		102	74 - 130
Trichlorofluoromethane	50.0	58.6		ug/Kg		117	50 - 154
Vinyl chloride	50.0	60.1		ug/Kg		120	49 - 146
Xylenes, Total	100	103		ug/Kg		103	80 - 122
m-Xylene & p-Xylene	50.0	50.0		ug/Kg		100	80 - 122
o-Xylene	50.0	53.1		ug/Kg		106	80 - 124

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
Toluene-d8 (Surr)	*98*		*56 - 125*
Dibromofluoromethane (Surr)	*97*		*41 - 138*
4-Bromofluorobenzene (Surr)	*93*		*41 - 143*
1,2-Dichloroethane-d4 (Surr)	*95*		*58 - 125*

Lab Sample ID: MB 240-631971/1-A
Matrix: Solid
Analysis Batch: 632002

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 631971

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		250	89	ug/Kg		10/22/24 16:33	10/23/24 11:24	1
1,1,2,2-Tetrachloroethane	ND		250	72	ug/Kg		10/22/24 16:33	10/23/24 11:24	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		250	64	ug/Kg		10/22/24 16:33	10/23/24 11:24	1
1,1,2-Trichloroethane	ND		250	57	ug/Kg		10/22/24 16:33	10/23/24 11:24	1
1,1-Dichloroethane	ND		250	71	ug/Kg		10/22/24 16:33	10/23/24 11:24	1
1,1-Dichloroethene	ND		250	91	ug/Kg		10/22/24 16:33	10/23/24 11:24	1
1,2,4-Trichlorobenzene	ND		250	130	ug/Kg		10/22/24 16:33	10/23/24 11:24	1
1,2-Dibromo-3-Chloropropane	ND		500	180	ug/Kg		10/22/24 16:33	10/23/24 11:24	1
Ethylene Dibromide	ND		250	84	ug/Kg		10/22/24 16:33	10/23/24 11:24	1
1,2-Dichlorobenzene	ND		250	56	ug/Kg		10/22/24 16:33	10/23/24 11:24	1
1,2-Dichloroethane	ND		250	90	ug/Kg		10/22/24 16:33	10/23/24 11:24	1
1,2-Dichloropropane	ND		250	43	ug/Kg		10/22/24 16:33	10/23/24 11:24	1
1,3-Dichlorobenzene	ND		250	82	ug/Kg		10/22/24 16:33	10/23/24 11:24	1
1,4-Dichlorobenzene	ND		250	44	ug/Kg		10/22/24 16:33	10/23/24 11:24	1
2-Butanone (MEK)	ND		1000	180	ug/Kg		10/22/24 16:33	10/23/24 11:24	1
2-Hexanone	ND		1000	200	ug/Kg		10/22/24 16:33	10/23/24 11:24	1
4-Methyl-2-pentanone (MIBK)	ND		1000	190	ug/Kg		10/22/24 16:33	10/23/24 11:24	1
Acetone	ND		1300	1100	ug/Kg		10/22/24 16:33	10/23/24 11:24	1
Benzene	ND		250	75	ug/Kg		10/22/24 16:33	10/23/24 11:24	1
Dichlorobromomethane	ND		250	75	ug/Kg		10/22/24 16:33	10/23/24 11:24	1
Bromoform	ND		250	120	ug/Kg		10/22/24 16:33	10/23/24 11:24	1
Bromomethane	ND		250	210	ug/Kg		10/22/24 16:33	10/23/24 11:24	1
Carbon disulfide	ND		250	58	ug/Kg		10/22/24 16:33	10/23/24 11:24	1
Carbon tetrachloride	ND		250	160	ug/Kg		10/22/24 16:33	10/23/24 11:24	1

Method: 8260D - Volatile Organic Compounds by GC/MS (Continued)

Lab Sample ID: MB 240-631971/1-A
Matrix: Solid
Analysis Batch: 632002

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 631971

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chlorobenzene	ND		250	46	ug/Kg		10/22/24 16:33	10/23/24 11:24	1
Chloroethane	ND		250	140	ug/Kg		10/22/24 16:33	10/23/24 11:24	1
Chloroform	ND		250	90	ug/Kg		10/22/24 16:33	10/23/24 11:24	1
Chloromethane	ND		250	110	ug/Kg		10/22/24 16:33	10/23/24 11:24	1
cis-1,2-Dichloroethene	ND		250	74	ug/Kg		10/22/24 16:33	10/23/24 11:24	1
cis-1,3-Dichloropropene	ND		250	140	ug/Kg		10/22/24 16:33	10/23/24 11:24	1
Cyclohexane	ND		500	69	ug/Kg		10/22/24 16:33	10/23/24 11:24	1
Chlorodibromomethane	ND		250	140	ug/Kg		10/22/24 16:33	10/23/24 11:24	1
Dichlorodifluoromethane	ND		250	110	ug/Kg		10/22/24 16:33	10/23/24 11:24	1
Ethylbenzene	ND		250	52	ug/Kg		10/22/24 16:33	10/23/24 11:24	1
Isopropylbenzene	ND		250	96	ug/Kg		10/22/24 16:33	10/23/24 11:24	1
Methyl acetate	ND		1300	170	ug/Kg		10/22/24 16:33	10/23/24 11:24	1
Methyl tert-butyl ether	ND		250	99	ug/Kg		10/22/24 16:33	10/23/24 11:24	1
Methylcyclohexane	ND		500	61	ug/Kg		10/22/24 16:33	10/23/24 11:24	1
Methylene Chloride	ND		1300	600	ug/Kg		10/22/24 16:33	10/23/24 11:24	1
Styrene	ND		250	58	ug/Kg		10/22/24 16:33	10/23/24 11:24	1
Tetrachloroethene	ND		250	96	ug/Kg		10/22/24 16:33	10/23/24 11:24	1
Toluene	ND		250	39	ug/Kg		10/22/24 16:33	10/23/24 11:24	1
trans-1,2-Dichloroethene	ND		250	71	ug/Kg		10/22/24 16:33	10/23/24 11:24	1
trans-1,3-Dichloropropene	ND		250	91	ug/Kg		10/22/24 16:33	10/23/24 11:24	1
Trichloroethene	ND		250	72	ug/Kg		10/22/24 16:33	10/23/24 11:24	1
Trichlorofluoromethane	ND		250	130	ug/Kg		10/22/24 16:33	10/23/24 11:24	1
Vinyl chloride	ND		250	89	ug/Kg		10/22/24 16:33	10/23/24 11:24	1
Xylenes, Total	ND		500	79	ug/Kg		10/22/24 16:33	10/23/24 11:24	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Toluene-d8 (Surr)	*102*		*56 - 125*	*10/22/24 16:33*	*10/23/24 11:24*	*1*
Dibromofluoromethane (Surr)	*94*		*41 - 138*	*10/22/24 16:33*	*10/23/24 11:24*	*1*
4-Bromofluorobenzene (Surr)	*93*		*41 - 143*	*10/22/24 16:33*	*10/23/24 11:24*	*1*
1,2-Dichloroethane-d4 (Surr)	*96*		*58 - 125*	*10/22/24 16:33*	*10/23/24 11:24*	*1*

Lab Sample ID: LCS 240-631971/2-A
Matrix: Solid
Analysis Batch: 632002

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 631971

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
1,1,1-Trichloroethane	2500	2120		ug/Kg		85	74 - 136
1,1,2,2-Tetrachloroethane	2500	2370		ug/Kg		95	66 - 129
1,1,2-Trichloro-1,2,2-trifluoroetha ne	2500	2560		ug/Kg		102	64 - 148
1,1,2-Trichloroethane	2500	2270		ug/Kg		91	79 - 120
1,1-Dichloroethane	2500	2080		ug/Kg		83	74 - 121
1,1-Dichloroethene	2500	2400		ug/Kg		96	68 - 141
1,2,4-Trichlorobenzene	2500	2750		ug/Kg		110	58 - 132
1,2-Dibromo-3-Chloropropane	2500	2270		ug/Kg		91	52 - 133
Ethylene Dibromide	2500	2260		ug/Kg		90	80 - 121
1,2-Dichlorobenzene	2500	2510		ug/Kg		100	73 - 120
1,2-Dichloroethane	2500	2090		ug/Kg		83	71 - 123
1,2-Dichloropropane	2500	2090		ug/Kg		84	76 - 126

Method: 8260D - Volatile Organic Compounds by GC/MS (Continued)

Lab Sample ID: LCS 240-631971/2-A
Matrix: Solid
Analysis Batch: 632002

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 631971

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
1,3-Dichlorobenzene	2500	2370		ug/Kg		95	73 - 120
1,4-Dichlorobenzene	2500	2330		ug/Kg		93	74 - 120
2-Butanone (MEK)	5000	4150		ug/Kg		83	63 - 142
2-Hexanone	5000	3890		ug/Kg		78	65 - 142
4-Methyl-2-pentanone (MIBK)	5000	4430		ug/Kg		89	62 - 142
Acetone	5000	4720		ug/Kg		94	58 - 160
Benzene	2500	2070		ug/Kg		83	76 - 121
Dichlorobromomethane	2500	2030		ug/Kg		81	71 - 138
Bromoform	2500	1990		ug/Kg		80	57 - 140
Bromomethane	2500	2020		ug/Kg		81	10 - 171
Carbon disulfide	2500	2240		ug/Kg		90	43 - 152
Carbon tetrachloride	2500	1950		ug/Kg		78	64 - 144
Chlorobenzene	2500	2270		ug/Kg		91	80 - 120
Chloroethane	2500	1980		ug/Kg		79	11 - 164
Chloroform	2500	2090		ug/Kg		84	78 - 120
Chloromethane	2500	2200		ug/Kg		88	41 - 142
cis-1,2-Dichloroethene	2500	2160		ug/Kg		86	78 - 124
cis-1,3-Dichloropropene	2500	1880		ug/Kg		75	70 - 133
Cyclohexane	2500	2230		ug/Kg		89	65 - 137
Chlorodibromomethane	2500	2100		ug/Kg		84	68 - 131
Dichlorodifluoromethane	2500	1750		ug/Kg		70	21 - 150
Ethylbenzene	2500	2160		ug/Kg		87	80 - 120
Isopropylbenzene	2500	2580		ug/Kg		103	80 - 130
Methyl acetate	5000	3990		ug/Kg		80	60 - 133
Methyl tert-butyl ether	2500	2200		ug/Kg		88	70 - 130
Methylcyclohexane	2500	2100		ug/Kg		84	70 - 138
Methylene Chloride	2500	2550		ug/Kg		102	71 - 124
Styrene	2500	2240		ug/Kg		90	75 - 140
Tetrachloroethene	2500	2200		ug/Kg		88	76 - 127
Toluene	2500	2160		ug/Kg		86	80 - 120
trans-1,2-Dichloroethene	2500	2150		ug/Kg		86	76 - 130
trans-1,3-Dichloropropene	2500	2140		ug/Kg		86	61 - 121
Trichloroethene	2500	2100		ug/Kg		84	74 - 130
Trichlorofluoromethane	2500	2130		ug/Kg		85	50 - 154
Vinyl chloride	2500	2590		ug/Kg		104	49 - 146
Xylenes, Total	5000	4500		ug/Kg		90	80 - 122
m-Xylene & p-Xylene	2500	2170		ug/Kg		87	80 - 122
o-Xylene	2500	2330		ug/Kg		93	80 - 124

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
Toluene-d8 (Surr)	*101*		*56 - 125*
Dibromofluoromethane (Surr)	*96*		*41 - 138*
4-Bromofluorobenzene (Surr)	*97*		*41 - 143*
1,2-Dichloroethane-d4 (Surr)	*93*		*58 - 125*

Method: 8260D - Volatile Organic Compounds by GC/MS (Continued)

Lab Sample ID: 240-213404-2 MS
Matrix: Solid
Analysis Batch: 632210

Client Sample ID: SB-8-20.0-22.0
Prep Type: Total/NA
Prep Batch: 631971

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
1,1,1-Trichloroethane	ND		6990	5820		ug/Kg	☼	83	46 - 144
1,1,2,2-Tetrachloroethane	ND		6990	7020		ug/Kg	☼	101	26 - 159
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		6990	6760		ug/Kg	☼	97	35 - 164
1,1,2-Trichloroethane	ND		6990	6500		ug/Kg	☼	93	26 - 149
1,1-Dichloroethane	ND		6990	5820		ug/Kg	☼	83	46 - 135
1,1-Dichloroethene	ND		6990	6730		ug/Kg	☼	96	44 - 160
1,2,4-Trichlorobenzene	ND		6990	6360		ug/Kg	☼	91	10 - 120
1,2-Dibromo-3-Chloropropane	ND		6990	6680		ug/Kg	☼	96	12 - 144
Ethylene Dibromide	ND		6990	6520		ug/Kg	☼	93	31 - 142
1,2-Dichlorobenzene	ND		6990	6800		ug/Kg	☼	97	10 - 126
1,2-Dichloroethane	ND		6990	5900		ug/Kg	☼	84	40 - 132
1,2-Dichloropropane	ND		6990	5990		ug/Kg	☼	86	45 - 133
1,3-Dichlorobenzene	ND		6990	6160		ug/Kg	☼	88	10 - 131
1,4-Dichlorobenzene	ND		6990	6090		ug/Kg	☼	87	10 - 129
2-Butanone (MEK)	ND		14000	11500		ug/Kg	☼	82	30 - 157
2-Hexanone	ND		14000	10900		ug/Kg	☼	78	20 - 166
4-Methyl-2-pentanone (MIBK)	ND		14000	12900		ug/Kg	☼	92	31 - 159
Acetone	710	J	14000	11900		ug/Kg	☼	80	35 - 167
Benzene	ND		6990	5790		ug/Kg	☼	83	39 - 134
Dichlorobromomethane	ND		6990	5820		ug/Kg	☼	83	32 - 146
Bromoform	ND		6990	5580		ug/Kg	☼	80	12 - 144
Bromomethane	ND		6990	6620		ug/Kg	☼	95	10 - 161
Carbon disulfide	ND		6990	6110		ug/Kg	☼	87	24 - 153
Carbon tetrachloride	ND		6990	5340		ug/Kg	☼	76	37 - 145
Chlorobenzene	ND		6990	6130		ug/Kg	☼	88	18 - 134
Chloroethane	ND		6990	6010		ug/Kg	☼	86	14 - 159
Chloroform	ND		6990	5880		ug/Kg	☼	84	43 - 134
Chloromethane	ND		6990	5910		ug/Kg	☼	85	32 - 151
cis-1,2-Dichloroethene	ND		6990	6200		ug/Kg	☼	89	48 - 132
cis-1,3-Dichloropropene	ND		6990	5040		ug/Kg	☼	72	23 - 139
Cyclohexane	ND		6990	5950		ug/Kg	☼	85	31 - 147
Chlorodibromomethane	ND		6990	5890		ug/Kg	☼	84	25 - 143
Dichlorodifluoromethane	ND		6990	4590		ug/Kg	☼	66	16 - 157
Ethylbenzene	ND		6990	5990		ug/Kg	☼	86	17 - 137
Isopropylbenzene	ND		6990	7040		ug/Kg	☼	101	10 - 146
Methyl acetate	ND		14000	11400		ug/Kg	☼	82	13 - 164
Methyl tert-butyl ether	ND		6990	6150		ug/Kg	☼	88	55 - 134
Methylcyclohexane	ND		6990	5630		ug/Kg	☼	81	20 - 153
Methylene Chloride	ND		6990	7220		ug/Kg	☼	103	38 - 145
Styrene	ND		6990	6050		ug/Kg	☼	87	10 - 149
Tetrachloroethene	ND		6990	5860		ug/Kg	☼	84	19 - 147
Toluene	ND		6990	5970		ug/Kg	☼	85	30 - 137
trans-1,2-Dichloroethene	ND		6990	5980		ug/Kg	☼	86	41 - 145
trans-1,3-Dichloropropene	ND		6990	5770		ug/Kg	☼	83	19 - 130
Trichloroethene	27000		6990	31700		ug/Kg	☼	73	21 - 158
Trichlorofluoromethane	ND		6990	6360		ug/Kg	☼	91	36 - 161
Vinyl chloride	ND		6990	6790		ug/Kg	☼	97	32 - 163
Xylenes, Total	ND		14000	12200		ug/Kg	☼	87	17 - 138

Method: 8260D - Volatile Organic Compounds by GC/MS (Continued)

Lab Sample ID: 240-213404-2 MS
Matrix: Solid
Analysis Batch: 632210

Client Sample ID: SB-8-20.0-22.0
Prep Type: Total/NA
Prep Batch: 631971

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
m-Xylene & p-Xylene	ND		6990	5830		ug/Kg	☼	83	10 - 141
o-Xylene	ND		6990	6320		ug/Kg	☼	90	18 - 139

Surrogate	*MS %Recovery*	*MS Qualifier*	*Limits*
Toluene-d8 (Surr)	*103*		*56 - 125*
Dibromofluoromethane (Surr)	*97*		*41 - 138*
4-Bromofluorobenzene (Surr)	*97*		*41 - 143*
1,2-Dichloroethane-d4 (Surr)	*92*		*58 - 125*

Lab Sample ID: 240-213404-2 MSD
Matrix: Solid
Analysis Batch: 632210

Client Sample ID: SB-8-20.0-22.0
Prep Type: Total/NA
Prep Batch: 631971

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
1,1,1-Trichloroethane	ND		6990	5740		ug/Kg	☼	82	46 - 144	1	37
1,1,2,2-Tetrachloroethane	ND		6990	6590		ug/Kg	☼	94	26 - 159	6	40
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		6990	6550		ug/Kg	☼	94	35 - 164	3	37
1,1,2-Trichloroethane	ND		6990	6180		ug/Kg	☼	88	26 - 149	5	40
1,1-Dichloroethane	ND		6990	5600		ug/Kg	☼	80	46 - 135	4	36
1,1-Dichloroethene	ND		6990	6260		ug/Kg	☼	90	44 - 160	7	37
1,2,4-Trichlorobenzene	ND		6990	6080		ug/Kg	☼	87	10 - 120	5	40
1,2-Dibromo-3-Chloropropane	ND		6990	6010		ug/Kg	☼	86	12 - 144	11	40
Ethylene Dibromide	ND		6990	6080		ug/Kg	☼	87	31 - 142	7	40
1,2-Dichlorobenzene	ND		6990	6450		ug/Kg	☼	92	10 - 126	5	40
1,2-Dichloroethane	ND		6990	5550		ug/Kg	☼	79	40 - 132	6	35
1,2-Dichloropropane	ND		6990	5680		ug/Kg	☼	81	45 - 133	5	37
1,3-Dichlorobenzene	ND		6990	5780		ug/Kg	☼	83	10 - 131	6	40
1,4-Dichlorobenzene	ND		6990	5750		ug/Kg	☼	82	10 - 129	6	40
2-Butanone (MEK)	ND		14000	10800		ug/Kg	☼	77	30 - 157	7	40
2-Hexanone	ND		14000	10400		ug/Kg	☼	74	20 - 166	5	40
4-Methyl-2-pentanone (MIBK)	ND		14000	12100		ug/Kg	☼	87	31 - 159	6	40
Acetone	710	J	14000	12200		ug/Kg	☼	82	35 - 167	2	40
Benzene	ND		6990	5530		ug/Kg	☼	79	39 - 134	5	40
Dichlorobromomethane	ND		6990	5530		ug/Kg	☼	79	32 - 146	5	39
Bromoform	ND		6990	5310		ug/Kg	☼	76	12 - 144	5	40
Bromomethane	ND		6990	6540		ug/Kg	☼	94	10 - 161	1	40
Carbon disulfide	ND		6990	5880		ug/Kg	☼	84	24 - 153	4	40
Carbon tetrachloride	ND		6990	5220		ug/Kg	☼	75	37 - 145	2	38
Chlorobenzene	ND		6990	5930		ug/Kg	☼	85	18 - 134	3	40
Chloroethane	ND		6990	5920		ug/Kg	☼	85	14 - 159	2	40
Chloroform	ND		6990	5640		ug/Kg	☼	81	43 - 134	4	36
Chloromethane	ND		6990	5640		ug/Kg	☼	81	32 - 151	5	38
cis-1,2-Dichloroethene	ND		6990	5930		ug/Kg	☼	85	48 - 132	5	37
cis-1,3-Dichloropropene	ND		6990	4790		ug/Kg	☼	69	23 - 139	5	39
Cyclohexane	ND		6990	5680		ug/Kg	☼	81	31 - 147	5	39
Chlorodibromomethane	ND		6990	5670		ug/Kg	☼	81	25 - 143	4	40
Dichlorodifluoromethane	ND		6990	4300		ug/Kg	☼	62	16 - 157	7	40
Ethylbenzene	ND		6990	5750		ug/Kg	☼	82	17 - 137	4	40

Method: 8260D - Volatile Organic Compounds by GC/MS (Continued)

Lab Sample ID: 240-213404-2 MSD
Matrix: Solid
Analysis Batch: 632210

Client Sample ID: SB-8-20.0-22.0
Prep Type: Total/NA
Prep Batch: 631971

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Isopropylbenzene	ND		6990	6910		ug/Kg	☼	99	10 - 146	2	40
Methyl acetate	ND		14000	11100		ug/Kg	☼	79	13 - 164	3	40
Methyl tert-butyl ether	ND		6990	5860		ug/Kg	☼	84	55 - 134	5	37
Methylcyclohexane	ND		6990	5410		ug/Kg	☼	77	20 - 153	4	40
Methylene Chloride	ND		6990	6790		ug/Kg	☼	97	38 - 145	6	40
Styrene	ND		6990	5820		ug/Kg	☼	83	10 - 149	4	40
Tetrachloroethene	ND		6990	5710		ug/Kg	☼	82	19 - 147	3	40
Toluene	ND		6990	5780		ug/Kg	☼	83	30 - 137	3	40
trans-1,2-Dichloroethene	ND		6990	5720		ug/Kg	☼	82	41 - 145	4	37
trans-1,3-Dichloropropene	ND		6990	5570		ug/Kg	☼	80	19 - 130	3	40
Trichloroethene	27000		6990	31600		ug/Kg	☼	71	21 - 158	0	40
Trichlorofluoromethane	ND		6990	6100		ug/Kg	☼	87	36 - 161	4	40
Vinyl chloride	ND		6990	6550		ug/Kg	☼	94	32 - 163	3	38
Xylenes, Total	ND		14000	11800		ug/Kg	☼	85	17 - 138	3	40
m-Xylene & p-Xylene	ND		6990	5620		ug/Kg	☼	80	10 - 141	4	40
o-Xylene	ND		6990	6200		ug/Kg	☼	89	18 - 139	2	40

Surrogate	*MSD %Recovery*	*MSD Qualifier*	*Limits*
Toluene-d8 (Surr)	*103*		*56 - 125*
Dibromofluoromethane (Surr)	*98*		*41 - 138*
4-Bromofluorobenzene (Surr)	*94*		*41 - 143*
1,2-Dichloroethane-d4 (Surr)	*90*		*58 - 125*

Lab Sample ID: MB 240-632002/7
Matrix: Solid
Analysis Batch: 632002

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		5.0	1.8	ug/Kg			10/23/24 10:15	1
1,1,2,2-Tetrachloroethane	ND		5.0	1.4	ug/Kg			10/23/24 10:15	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		5.0	1.3	ug/Kg			10/23/24 10:15	1
1,1,2-Trichloroethane	ND		5.0	1.1	ug/Kg			10/23/24 10:15	1
1,1-Dichloroethane	ND		5.0	1.4	ug/Kg			10/23/24 10:15	1
1,1-Dichloroethene	ND		5.0	1.8	ug/Kg			10/23/24 10:15	1
1,2,4-Trichlorobenzene	ND		5.0	2.5	ug/Kg			10/23/24 10:15	1
1,2-Dibromo-3-Chloropropane	ND		10	3.6	ug/Kg			10/23/24 10:15	1
Ethylene Dibromide	ND		5.0	1.7	ug/Kg			10/23/24 10:15	1
1,2-Dichlorobenzene	ND		5.0	1.1	ug/Kg			10/23/24 10:15	1
1,2-Dichloroethane	ND		5.0	1.8	ug/Kg			10/23/24 10:15	1
1,2-Dichloropropane	ND		5.0	0.85	ug/Kg			10/23/24 10:15	1
1,3-Dichlorobenzene	ND		5.0	1.6	ug/Kg			10/23/24 10:15	1
1,4-Dichlorobenzene	ND		5.0	0.88	ug/Kg			10/23/24 10:15	1
2-Butanone (MEK)	3.76	J	20	3.6	ug/Kg			10/23/24 10:15	1
2-Hexanone	ND		20	4.1	ug/Kg			10/23/24 10:15	1
4-Methyl-2-pentanone (MIBK)	ND		20	3.7	ug/Kg			10/23/24 10:15	1
Acetone	ND		25	21	ug/Kg			10/23/24 10:15	1
Benzene	ND		5.0	1.5	ug/Kg			10/23/24 10:15	1
Dichlorobromomethane	ND		5.0	1.5	ug/Kg			10/23/24 10:15	1

Method: 8260D - Volatile Organic Compounds by GC/MS (Continued)

Lab Sample ID: MB 240-632002/7
Matrix: Solid
Analysis Batch: 632002

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Bromoform	ND		5.0	2.4	ug/Kg			10/23/24 10:15	1
Bromomethane	ND		5.0	4.2	ug/Kg			10/23/24 10:15	1
Carbon disulfide	ND		5.0	1.2	ug/Kg			10/23/24 10:15	1
Carbon tetrachloride	ND		5.0	3.3	ug/Kg			10/23/24 10:15	1
Chlorobenzene	ND		5.0	0.92	ug/Kg			10/23/24 10:15	1
Chloroethane	ND		5.0	2.7	ug/Kg			10/23/24 10:15	1
Chloroform	ND		5.0	1.8	ug/Kg			10/23/24 10:15	1
Chloromethane	ND		5.0	2.3	ug/Kg			10/23/24 10:15	1
cis-1,2-Dichloroethene	ND		5.0	1.5	ug/Kg			10/23/24 10:15	1
cis-1,3-Dichloropropene	ND		5.0	2.9	ug/Kg			10/23/24 10:15	1
Cyclohexane	ND		10	1.4	ug/Kg			10/23/24 10:15	1
Chlorodibromomethane	ND		5.0	2.8	ug/Kg			10/23/24 10:15	1
Dichlorodifluoromethane	ND		5.0	2.3	ug/Kg			10/23/24 10:15	1
Ethylbenzene	ND		5.0	1.0	ug/Kg			10/23/24 10:15	1
Isopropylbenzene	ND		5.0	1.9	ug/Kg			10/23/24 10:15	1
Methyl acetate	ND		25	3.4	ug/Kg			10/23/24 10:15	1
Methyl tert-butyl ether	ND		5.0	2.0	ug/Kg			10/23/24 10:15	1
Methylcyclohexane	ND		10	1.2	ug/Kg			10/23/24 10:15	1
Methylene Chloride	ND		25	12	ug/Kg			10/23/24 10:15	1
Styrene	ND		5.0	1.2	ug/Kg			10/23/24 10:15	1
Tetrachloroethene	ND		5.0	1.9	ug/Kg			10/23/24 10:15	1
Toluene	ND		5.0	0.77	ug/Kg			10/23/24 10:15	1
trans-1,2-Dichloroethene	ND		5.0	1.4	ug/Kg			10/23/24 10:15	1
trans-1,3-Dichloropropene	ND		5.0	1.8	ug/Kg			10/23/24 10:15	1
Trichloroethene	ND		5.0	1.4	ug/Kg			10/23/24 10:15	1
Trichlorofluoromethane	ND		5.0	2.7	ug/Kg			10/23/24 10:15	1
Vinyl chloride	ND		5.0	1.8	ug/Kg			10/23/24 10:15	1
Xylenes, Total	ND		10	1.6	ug/Kg			10/23/24 10:15	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Toluene-d8 (Surr)	*100*		*56 - 125*		*10/23/24 10:15*	*1*
Dibromofluoromethane (Surr)	*99*		*41 - 138*		*10/23/24 10:15*	*1*
4-Bromofluorobenzene (Surr)	*91*		*41 - 143*		*10/23/24 10:15*	*1*
1,2-Dichloroethane-d4 (Surr)	*97*		*58 - 125*		*10/23/24 10:15*	*1*

Lab Sample ID: LCS 240-632002/5
Matrix: Solid
Analysis Batch: 632002

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
1,1,1-Trichloroethane	50.0	50.8		ug/Kg		102	74 - 136
1,1,2,2-Tetrachloroethane	50.0	48.9		ug/Kg		98	66 - 129
1,1,2-Trichloro-1,2,2-trifluoroethane	50.0	58.3		ug/Kg		117	64 - 148
1,1,2-Trichloroethane	50.0	48.7		ug/Kg		97	79 - 120
1,1-Dichloroethane	50.0	46.1		ug/Kg		92	74 - 121
1,1-Dichloroethene	50.0	55.4		ug/Kg		111	68 - 141
1,2,4-Trichlorobenzene	50.0	54.3		ug/Kg		109	58 - 132
1,2-Dibromo-3-Chloropropane	50.0	53.6		ug/Kg		107	52 - 133

Method: 8260D - Volatile Organic Compounds by GC/MS (Continued)

Lab Sample ID: LCS 240-632002/5
Matrix: Solid
Analysis Batch: 632002

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Ethylene Dibromide	50.0	48.7		ug/Kg		97	80 - 121
1,2-Dichlorobenzene	50.0	53.0		ug/Kg		106	73 - 120
1,2-Dichloroethane	50.0	44.7		ug/Kg		89	71 - 123
1,2-Dichloropropane	50.0	44.9		ug/Kg		90	76 - 126
1,3-Dichlorobenzene	50.0	49.8		ug/Kg		100	73 - 120
1,4-Dichlorobenzene	50.0	48.9		ug/Kg		98	74 - 120
2-Butanone (MEK)	100	87.9		ug/Kg		88	63 - 142
2-Hexanone	100	78.7		ug/Kg		79	65 - 142
4-Methyl-2-pentanone (MIBK)	100	94.1		ug/Kg		94	62 - 142
Acetone	100	110		ug/Kg		110	58 - 160
Benzene	50.0	45.6		ug/Kg		91	76 - 121
Dichlorobromomethane	50.0	47.1		ug/Kg		94	71 - 138
Bromoform	50.0	49.8		ug/Kg		100	57 - 140
Bromomethane	50.0	63.4		ug/Kg		127	10 - 171
Carbon disulfide	50.0	54.0		ug/Kg		108	43 - 152
Carbon tetrachloride	50.0	49.8		ug/Kg		100	64 - 144
Chlorobenzene	50.0	48.7		ug/Kg		97	80 - 120
Chloroethane	50.0	55.5		ug/Kg		111	11 - 164
Chloroform	50.0	46.1		ug/Kg		92	78 - 120
Chloromethane	50.0	48.7		ug/Kg		97	41 - 142
cis-1,2-Dichloroethene	50.0	47.3		ug/Kg		95	78 - 124
cis-1,3-Dichloropropene	50.0	41.7		ug/Kg		83	70 - 133
Cyclohexane	50.0	49.8		ug/Kg		100	65 - 137
Chlorodibromomethane	50.0	49.4		ug/Kg		99	68 - 131
Dichlorodifluoromethane	50.0	40.2		ug/Kg		80	21 - 150
Ethylbenzene	50.0	47.8		ug/Kg		96	80 - 120
Isopropylbenzene	50.0	57.7		ug/Kg		115	80 - 130
Methyl acetate	100	84.6		ug/Kg		85	60 - 133
Methyl tert-butyl ether	50.0	45.9		ug/Kg		92	70 - 130
Methylcyclohexane	50.0	47.6		ug/Kg		95	70 - 138
Methylene Chloride	50.0	54.6		ug/Kg		109	71 - 124
Styrene	50.0	48.0		ug/Kg		96	75 - 140
Tetrachloroethene	50.0	49.0		ug/Kg		98	76 - 127
Toluene	50.0	47.1		ug/Kg		94	80 - 120
trans-1,2-Dichloroethene	50.0	48.4		ug/Kg		97	76 - 130
trans-1,3-Dichloropropene	50.0	47.7		ug/Kg		95	61 - 121
Trichloroethene	50.0	48.4		ug/Kg		97	74 - 130
Trichlorofluoromethane	50.0	55.1		ug/Kg		110	50 - 154
Vinyl chloride	50.0	59.4		ug/Kg		119	49 - 146
Xylenes, Total	100	97.7		ug/Kg		98	80 - 122
m-Xylene & p-Xylene	50.0	47.4		ug/Kg		95	80 - 122
o-Xylene	50.0	50.3		ug/Kg		101	80 - 124

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
Toluene-d8 (Surr)	*101*		*56 - 125*
Dibromofluoromethane (Surr)	*98*		*41 - 138*
4-Bromofluorobenzene (Surr)	*95*		*41 - 143*
1,2-Dichloroethane-d4 (Surr)	*95*		*58 - 125*

Method: 8260D - Volatile Organic Compounds by GC/MS (Continued)

Lab Sample ID: 240-213404-7 MS
Matrix: Solid
Analysis Batch: 632002

Client Sample ID: SB-6-18.0-20.0
Prep Type: Total/NA
Prep Batch: 632082

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
1,1,1-Trichloroethane	ND		54.0	48.2		ug/Kg	☼	89	46 - 144
1,1,2,2-Tetrachloroethane	ND		54.0	38.4		ug/Kg	☼	71	26 - 159
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		54.0	64.0		ug/Kg	☼	118	35 - 164
1,1,2-Trichloroethane	ND		54.0	39.0		ug/Kg	☼	72	26 - 149
1,1-Dichloroethane	ND		54.0	43.9		ug/Kg	☼	81	46 - 135
1,1-Dichloroethene	ND		54.0	56.2		ug/Kg	☼	104	44 - 160
1,2,4-Trichlorobenzene	ND		54.0	15.0		ug/Kg	☼	28	10 - 120
1,2-Dibromo-3-Chloropropane	ND		54.0	33.9		ug/Kg	☼	63	12 - 144
Ethylene Dibromide	ND		54.0	32.9		ug/Kg	☼	61	31 - 142
1,2-Dichlorobenzene	ND		54.0	22.9		ug/Kg	☼	42	10 - 126
1,2-Dichloroethane	ND		54.0	37.9		ug/Kg	☼	70	40 - 132
1,2-Dichloropropane	ND		54.0	39.6		ug/Kg	☼	73	45 - 133
1,3-Dichlorobenzene	ND		54.0	20.5		ug/Kg	☼	38	10 - 131
1,4-Dichlorobenzene	ND		54.0	19.0		ug/Kg	☼	35	10 - 129
2-Butanone (MEK)	ND		108	87.5		ug/Kg	☼	81	30 - 157
2-Hexanone	ND		108	69.6		ug/Kg	☼	64	20 - 166
4-Methyl-2-pentanone (MIBK)	ND		108	90.0		ug/Kg	☼	83	31 - 159
Acetone	ND		108	129		ug/Kg	☼	119	35 - 167
Benzene	ND		54.0	40.6		ug/Kg	☼	75	39 - 134
Dichlorobromomethane	ND		54.0	37.3		ug/Kg	☼	69	32 - 146
Bromoform	ND		54.0	28.5		ug/Kg	☼	53	12 - 144
Bromomethane	ND		54.0	58.6		ug/Kg	☼	108	10 - 161
Carbon disulfide	ND		54.0	50.2		ug/Kg	☼	93	24 - 153
Carbon tetrachloride	ND		54.0	44.3		ug/Kg	☼	82	37 - 145
Chlorobenzene	ND		54.0	30.3		ug/Kg	☼	56	18 - 134
Chloroethane	ND		54.0	53.0		ug/Kg	☼	98	14 - 159
Chloroform	ND		54.0	42.2		ug/Kg	☼	78	43 - 134
Chloromethane	ND		54.0	48.5		ug/Kg	☼	90	32 - 151
cis-1,2-Dichloroethene	ND		54.0	41.3		ug/Kg	☼	76	48 - 132
cis-1,3-Dichloropropene	ND		54.0	28.1		ug/Kg	☼	52	23 - 139
Cyclohexane	ND		54.0	49.9		ug/Kg	☼	92	31 - 147
Chlorodibromomethane	ND		54.0	32.9		ug/Kg	☼	61	25 - 143
Dichlorodifluoromethane	ND		54.0	41.5		ug/Kg	☼	77	16 - 157
Ethylbenzene	ND		54.0	30.3		ug/Kg	☼	56	17 - 137
Isopropylbenzene	ND		54.0	33.7		ug/Kg	☼	62	10 - 146
Methyl acetate	ND		108	85.9		ug/Kg	☼	80	13 - 164
Methyl tert-butyl ether	ND		54.0	47.8		ug/Kg	☼	89	55 - 134
Methylcyclohexane	ND		54.0	45.9		ug/Kg	☼	85	20 - 153
Methylene Chloride	ND		54.0	50.8		ug/Kg	☼	94	38 - 145
Styrene	ND		54.0	25.7		ug/Kg	☼	48	10 - 149
Tetrachloroethene	ND		54.0	36.2		ug/Kg	☼	67	19 - 147
Toluene	ND		54.0	36.6		ug/Kg	☼	68	30 - 137
trans-1,2-Dichloroethene	ND		54.0	44.5		ug/Kg	☼	82	41 - 145
trans-1,3-Dichloropropene	ND		54.0	28.1		ug/Kg	☼	52	19 - 130
Trichloroethene	ND		54.0	39.8		ug/Kg	☼	74	21 - 158
Trichlorofluoromethane	ND		54.0	54.9		ug/Kg	☼	102	36 - 161
Vinyl chloride	ND		54.0	58.5		ug/Kg	☼	108	32 - 163
Xylenes, Total	ND		108	59.8		ug/Kg	☼	55	17 - 138

Method: 8260D - Volatile Organic Compounds by GC/MS (Continued)

Lab Sample ID: 240-213404-7 MS
Matrix: Solid
Analysis Batch: 632002

Client Sample ID: SB-6-18.0-20.0
Prep Type: Total/NA
Prep Batch: 632082

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
m-Xylene & p-Xylene	ND		54.0	28.4		ug/Kg	☼	53	10 - 141
o-Xylene	ND		54.0	31.4		ug/Kg	☼	58	18 - 139

Surrogate	*MS %Recovery*	*MS Qualifier*	*Limits*
Toluene-d8 (Surr)	*102*		*56 - 125*
Dibromofluoromethane (Surr)	*101*		*41 - 138*
4-Bromofluorobenzene (Surr)	*98*		*41 - 143*
1,2-Dichloroethane-d4 (Surr)	*99*		*58 - 125*

Lab Sample ID: 240-213404-7 MSD
Matrix: Solid
Analysis Batch: 632002

Client Sample ID: SB-6-18.0-20.0
Prep Type: Total/NA
Prep Batch: 632082

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
1,1,1-Trichloroethane	ND		52.9	48.1		ug/Kg	☼	91	46 - 144	0	37
1,1,2,2-Tetrachloroethane	ND		52.9	36.6		ug/Kg	☼	69	26 - 159	5	40
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		52.9	62.4		ug/Kg	☼	118	35 - 164	2	37
1,1,2-Trichloroethane	ND		52.9	36.5		ug/Kg	☼	69	26 - 149	6	40
1,1-Dichloroethane	ND		52.9	42.8		ug/Kg	☼	81	46 - 135	2	36
1,1-Dichloroethene	ND		52.9	54.1		ug/Kg	☼	102	44 - 160	4	37
1,2,4-Trichlorobenzene	ND		52.9	13.8		ug/Kg	☼	26	10 - 120	8	40
1,2-Dibromo-3-Chloropropane	ND		52.9	31.1		ug/Kg	☼	59	12 - 144	9	40
Ethylene Dibromide	ND		52.9	29.6		ug/Kg	☼	56	31 - 142	10	40
1,2-Dichlorobenzene	ND		52.9	20.5		ug/Kg	☼	39	10 - 126	11	40
1,2-Dichloroethane	ND		52.9	35.8		ug/Kg	☼	68	40 - 132	6	35
1,2-Dichloropropane	ND		52.9	38.2		ug/Kg	☼	72	45 - 133	4	37
1,3-Dichlorobenzene	ND		52.9	18.3		ug/Kg	☼	35	10 - 131	11	40
1,4-Dichlorobenzene	ND		52.9	17.2		ug/Kg	☼	33	10 - 129	10	40
2-Butanone (MEK)	ND		106	86.0		ug/Kg	☼	81	30 - 157	2	40
2-Hexanone	ND		106	65.0		ug/Kg	☼	61	20 - 166	7	40
4-Methyl-2-pentanone (MIBK)	ND		106	85.9		ug/Kg	☼	81	31 - 159	5	40
Acetone	ND		106	120		ug/Kg	☼	113	35 - 167	7	40
Benzene	ND		52.9	38.7		ug/Kg	☼	73	39 - 134	5	40
Dichlorobromomethane	ND		52.9	35.3		ug/Kg	☼	67	32 - 146	6	39
Bromoform	ND		52.9	26.3		ug/Kg	☼	50	12 - 144	8	40
Bromomethane	ND		52.9	61.5		ug/Kg	☼	116	10 - 161	5	40
Carbon disulfide	ND		52.9	48.6		ug/Kg	☼	92	24 - 153	3	40
Carbon tetrachloride	ND		52.9	44.4		ug/Kg	☼	84	37 - 145	0	38
Chlorobenzene	ND		52.9	27.1		ug/Kg	☼	51	18 - 134	11	40
Chloroethane	ND		52.9	54.0		ug/Kg	☼	102	14 - 159	2	40
Chloroform	ND		52.9	40.7		ug/Kg	☼	77	43 - 134	4	36
Chloromethane	ND		52.9	48.8		ug/Kg	☼	92	32 - 151	0	38
cis-1,2-Dichloroethene	ND		52.9	39.1		ug/Kg	☼	74	48 - 132	5	37
cis-1,3-Dichloropropene	ND		52.9	25.8		ug/Kg	☼	49	23 - 139	9	39
Cyclohexane	ND		52.9	48.2		ug/Kg	☼	91	31 - 147	3	39
Chlorodibromomethane	ND		52.9	31.1		ug/Kg	☼	59	25 - 143	6	40
Dichlorodifluoromethane	ND		52.9	43.0		ug/Kg	☼	81	16 - 157	4	40
Ethylbenzene	ND		52.9	27.5		ug/Kg	☼	52	17 - 137	10	40

Method: 8260D - Volatile Organic Compounds by GC/MS (Continued)

Lab Sample ID: 240-213404-7 MSD
Matrix: Solid
Analysis Batch: 632002

Client Sample ID: SB-6-18.0-20.0
Prep Type: Total/NA
Prep Batch: 632082

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Isopropylbenzene	ND		52.9	30.4		ug/Kg	☼	57	10 - 146	10	40
Methyl acetate	ND		106	83.9		ug/Kg	☼	79	13 - 164	2	40
Methyl tert-butyl ether	ND		52.9	46.6		ug/Kg	☼	88	55 - 134	3	37
Methylcyclohexane	ND		52.9	43.4		ug/Kg	☼	82	20 - 153	6	40
Methylene Chloride	ND		52.9	50.8		ug/Kg	☼	96	38 - 145	0	40
Styrene	ND		52.9	22.6		ug/Kg	☼	43	10 - 149	13	40
Tetrachloroethene	ND		52.9	33.9		ug/Kg	☼	64	19 - 147	7	40
Toluene	ND		52.9	34.3		ug/Kg	☼	65	30 - 137	6	40
trans-1,2-Dichloroethene	ND		52.9	42.2		ug/Kg	☼	80	41 - 145	5	37
trans-1,3-Dichloropropene	ND		52.9	25.4		ug/Kg	☼	48	19 - 130	10	40
Trichloroethene	ND		52.9	36.9		ug/Kg	☼	70	21 - 158	8	40
Trichlorofluoromethane	ND		52.9	56.4		ug/Kg	☼	107	36 - 161	3	40
Vinyl chloride	ND		52.9	59.5		ug/Kg	☼	112	32 - 163	2	38
Xylenes, Total	ND		106	54.4		ug/Kg	☼	51	17 - 138	9	40
m-Xylene & p-Xylene	ND		52.9	25.7		ug/Kg	☼	48	10 - 141	10	40
o-Xylene	ND		52.9	28.7		ug/Kg	☼	54	18 - 139	9	40

Surrogate	*MSD %Recovery*	*MSD Qualifier*	*Limits*
Toluene-d8 (Surr)	*102*		*56 - 125*
Dibromofluoromethane (Surr)	*101*		*41 - 138*
4-Bromofluorobenzene (Surr)	*101*		*41 - 143*
1,2-Dichloroethane-d4 (Surr)	*98*		*58 - 125*

Lab Sample ID: MB 240-632210/7
Matrix: Solid
Analysis Batch: 632210

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		5.0	1.8	ug/Kg			10/24/24 11:09	1
1,1,2,2-Tetrachloroethane	ND		5.0	1.4	ug/Kg			10/24/24 11:09	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		5.0	1.3	ug/Kg			10/24/24 11:09	1
1,1,2-Trichloroethane	ND		5.0	1.1	ug/Kg			10/24/24 11:09	1
1,1-Dichloroethane	ND		5.0	1.4	ug/Kg			10/24/24 11:09	1
1,1-Dichloroethene	ND		5.0	1.8	ug/Kg			10/24/24 11:09	1
1,2,4-Trichlorobenzene	ND		5.0	2.5	ug/Kg			10/24/24 11:09	1
1,2-Dibromo-3-Chloropropane	ND		10	3.6	ug/Kg			10/24/24 11:09	1
Ethylene Dibromide	ND		5.0	1.7	ug/Kg			10/24/24 11:09	1
1,2-Dichlorobenzene	ND		5.0	1.1	ug/Kg			10/24/24 11:09	1
1,2-Dichloroethane	ND		5.0	1.8	ug/Kg			10/24/24 11:09	1
1,2-Dichloropropane	ND		5.0	0.85	ug/Kg			10/24/24 11:09	1
1,3-Dichlorobenzene	ND		5.0	1.6	ug/Kg			10/24/24 11:09	1
1,4-Dichlorobenzene	ND		5.0	0.88	ug/Kg			10/24/24 11:09	1
2-Butanone (MEK)	ND		20	3.6	ug/Kg			10/24/24 11:09	1
2-Hexanone	ND		20	4.1	ug/Kg			10/24/24 11:09	1
4-Methyl-2-pentanone (MIBK)	ND		20	3.7	ug/Kg			10/24/24 11:09	1
Acetone	ND		25	21	ug/Kg			10/24/24 11:09	1
Benzene	ND		5.0	1.5	ug/Kg			10/24/24 11:09	1
Dichlorobromomethane	ND		5.0	1.5	ug/Kg			10/24/24 11:09	1

Method: 8260D - Volatile Organic Compounds by GC/MS (Continued)

Lab Sample ID: MB 240-632210/7
Matrix: Solid
Analysis Batch: 632210

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Bromoform	ND		5.0	2.4	ug/Kg			10/24/24 11:09	1
Bromomethane	ND		5.0	4.2	ug/Kg			10/24/24 11:09	1
Carbon disulfide	ND		5.0	1.2	ug/Kg			10/24/24 11:09	1
Carbon tetrachloride	ND		5.0	3.3	ug/Kg			10/24/24 11:09	1
Chlorobenzene	ND		5.0	0.92	ug/Kg			10/24/24 11:09	1
Chloroethane	ND		5.0	2.7	ug/Kg			10/24/24 11:09	1
Chloroform	ND		5.0	1.8	ug/Kg			10/24/24 11:09	1
Chloromethane	ND		5.0	2.3	ug/Kg			10/24/24 11:09	1
cis-1,2-Dichloroethene	ND		5.0	1.5	ug/Kg			10/24/24 11:09	1
cis-1,3-Dichloropropene	ND		5.0	2.9	ug/Kg			10/24/24 11:09	1
Cyclohexane	ND		10	1.4	ug/Kg			10/24/24 11:09	1
Chlorodibromomethane	ND		5.0	2.8	ug/Kg			10/24/24 11:09	1
Dichlorodifluoromethane	ND		5.0	2.3	ug/Kg			10/24/24 11:09	1
Ethylbenzene	ND		5.0	1.0	ug/Kg			10/24/24 11:09	1
Isopropylbenzene	ND		5.0	1.9	ug/Kg			10/24/24 11:09	1
Methyl acetate	ND		25	3.4	ug/Kg			10/24/24 11:09	1
Methyl tert-butyl ether	ND		5.0	2.0	ug/Kg			10/24/24 11:09	1
Methylcyclohexane	ND		10	1.2	ug/Kg			10/24/24 11:09	1
Methylene Chloride	ND		25	12	ug/Kg			10/24/24 11:09	1
Styrene	ND		5.0	1.2	ug/Kg			10/24/24 11:09	1
Tetrachloroethene	ND		5.0	1.9	ug/Kg			10/24/24 11:09	1
Toluene	ND		5.0	0.77	ug/Kg			10/24/24 11:09	1
trans-1,2-Dichloroethene	ND		5.0	1.4	ug/Kg			10/24/24 11:09	1
trans-1,3-Dichloropropene	ND		5.0	1.8	ug/Kg			10/24/24 11:09	1
Trichloroethene	ND		5.0	1.4	ug/Kg			10/24/24 11:09	1
Trichlorofluoromethane	ND		5.0	2.7	ug/Kg			10/24/24 11:09	1
Vinyl chloride	ND		5.0	1.8	ug/Kg			10/24/24 11:09	1
Xylenes, Total	ND		10	1.6	ug/Kg			10/24/24 11:09	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Toluene-d8 (Surr)	*100*		*56 - 125*		*10/24/24 11:09*	*1*
Dibromofluoromethane (Surr)	*101*		*41 - 138*		*10/24/24 11:09*	*1*
4-Bromofluorobenzene (Surr)	*92*		*41 - 143*		*10/24/24 11:09*	*1*
1,2-Dichloroethane-d4 (Surr)	*101*		*58 - 125*		*10/24/24 11:09*	*1*

Lab Sample ID: LCS 240-632210/5
Matrix: Solid
Analysis Batch: 632210

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
1,1,1-Trichloroethane	50.0	47.2		ug/Kg		94	74 - 136
1,1,2,2-Tetrachloroethane	50.0	44.7		ug/Kg		89	66 - 129
1,1,2-Trichloro-1,2,2-trifluoroetha ne	50.0	51.3		ug/Kg		103	64 - 148
1,1,2-Trichloroethane	50.0	44.5		ug/Kg		89	79 - 120
1,1-Dichloroethane	50.0	41.7		ug/Kg		83	74 - 121
1,1-Dichloroethene	50.0	45.7		ug/Kg		91	68 - 141
1,2,4-Trichlorobenzene	50.0	53.0		ug/Kg		106	58 - 132
1,2-Dibromo-3-Chloropropane	50.0	52.0		ug/Kg		104	52 - 133

Method: 8260D - Volatile Organic Compounds by GC/MS (Continued)

Lab Sample ID: LCS 240-632210/5
Matrix: Solid
Analysis Batch: 632210

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Ethylene Dibromide	50.0	45.0		ug/Kg		90	80 - 121
1,2-Dichlorobenzene	50.0	48.7		ug/Kg		97	73 - 120
1,2-Dichloroethane	50.0	40.4		ug/Kg		81	71 - 123
1,2-Dichloropropane	50.0	40.7		ug/Kg		81	76 - 126
1,3-Dichlorobenzene	50.0	45.1		ug/Kg		90	73 - 120
1,4-Dichlorobenzene	50.0	44.1		ug/Kg		88	74 - 120
2-Butanone (MEK)	100	83.2		ug/Kg		83	63 - 142
2-Hexanone	100	75.3		ug/Kg		75	65 - 142
4-Methyl-2-pentanone (MIBK)	100	88.4		ug/Kg		88	62 - 142
Acetone	100	114		ug/Kg		114	58 - 160
Benzene	50.0	41.1		ug/Kg		82	76 - 121
Dichlorobromomethane	50.0	42.4		ug/Kg		85	71 - 138
Bromoform	50.0	44.2		ug/Kg		88	57 - 140
Bromomethane	50.0	54.0		ug/Kg		108	10 - 171
Carbon disulfide	50.0	49.4		ug/Kg		99	43 - 152
Carbon tetrachloride	50.0	44.8		ug/Kg		90	64 - 144
Chlorobenzene	50.0	43.8		ug/Kg		88	80 - 120
Chloroethane	50.0	49.4		ug/Kg		99	11 - 164
Chloroform	50.0	41.9		ug/Kg		84	78 - 120
Chloromethane	50.0	44.5		ug/Kg		89	41 - 142
cis-1,2-Dichloroethene	50.0	42.6		ug/Kg		85	78 - 124
cis-1,3-Dichloropropene	50.0	37.2		ug/Kg		74	70 - 133
Cyclohexane	50.0	45.6		ug/Kg		91	65 - 137
Chlorodibromomethane	50.0	44.7		ug/Kg		89	68 - 131
Dichlorodifluoromethane	50.0	36.2		ug/Kg		72	21 - 150
Ethylbenzene	50.0	43.4		ug/Kg		87	80 - 120
Isopropylbenzene	50.0	52.6		ug/Kg		105	80 - 130
Methyl acetate	100	82.2		ug/Kg		82	60 - 133
Methyl tert-butyl ether	50.0	42.1		ug/Kg		84	70 - 130
Methylcyclohexane	50.0	43.4		ug/Kg		87	70 - 138
Methylene Chloride	50.0	49.9		ug/Kg		100	71 - 124
Styrene	50.0	43.6		ug/Kg		87	75 - 140
Tetrachloroethene	50.0	45.1		ug/Kg		90	76 - 127
Toluene	50.0	42.6		ug/Kg		85	80 - 120
trans-1,2-Dichloroethene	50.0	44.3		ug/Kg		89	76 - 130
trans-1,3-Dichloropropene	50.0	43.0		ug/Kg		86	61 - 121
Trichloroethene	50.0	43.4		ug/Kg		87	74 - 130
Trichlorofluoromethane	50.0	52.1		ug/Kg		104	50 - 154
Vinyl chloride	50.0	54.0		ug/Kg		108	49 - 146
Xylenes, Total	100	88.8		ug/Kg		89	80 - 122
m-Xylene & p-Xylene	50.0	42.7		ug/Kg		85	80 - 122
o-Xylene	50.0	46.1		ug/Kg		92	80 - 124

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
Toluene-d8 (Surr)	*100*		*56 - 125*
Dibromofluoromethane (Surr)	*100*		*41 - 138*
4-Bromofluorobenzene (Surr)	*95*		*41 - 143*
1,2-Dichloroethane-d4 (Surr)	*97*		*58 - 125*

Method: 8260D - Volatile Organic Compounds by GC/MS (Continued)

Lab Sample ID: MB 240-632400/8
Matrix: Solid
Analysis Batch: 632400

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		5.0	1.8	ug/Kg			10/25/24 12:11	1
1,1,2,2-Tetrachloroethane	ND		5.0	1.4	ug/Kg			10/25/24 12:11	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		5.0	1.3	ug/Kg			10/25/24 12:11	1
1,1,2-Trichloroethane	ND		5.0	1.1	ug/Kg			10/25/24 12:11	1
1,1-Dichloroethane	ND		5.0	1.4	ug/Kg			10/25/24 12:11	1
1,1-Dichloroethene	ND		5.0	1.8	ug/Kg			10/25/24 12:11	1
1,2,4-Trichlorobenzene	ND		5.0	2.5	ug/Kg			10/25/24 12:11	1
1,2-Dibromo-3-Chloropropane	ND		10	3.6	ug/Kg			10/25/24 12:11	1
Ethylene Dibromide	ND		5.0	1.7	ug/Kg			10/25/24 12:11	1
1,2-Dichlorobenzene	ND		5.0	1.1	ug/Kg			10/25/24 12:11	1
1,2-Dichloroethane	ND		5.0	1.8	ug/Kg			10/25/24 12:11	1
1,2-Dichloropropane	ND		5.0	0.85	ug/Kg			10/25/24 12:11	1
1,3-Dichlorobenzene	ND		5.0	1.6	ug/Kg			10/25/24 12:11	1
1,4-Dichlorobenzene	ND		5.0	0.88	ug/Kg			10/25/24 12:11	1
2-Butanone (MEK)	ND		20	3.6	ug/Kg			10/25/24 12:11	1
2-Hexanone	ND		20	4.1	ug/Kg			10/25/24 12:11	1
4-Methyl-2-pentanone (MIBK)	ND		20	3.7	ug/Kg			10/25/24 12:11	1
Acetone	ND		25	21	ug/Kg			10/25/24 12:11	1
Benzene	ND		5.0	1.5	ug/Kg			10/25/24 12:11	1
Dichlorobromomethane	ND		5.0	1.5	ug/Kg			10/25/24 12:11	1
Bromoform	ND		5.0	2.4	ug/Kg			10/25/24 12:11	1
Bromomethane	ND		5.0	4.2	ug/Kg			10/25/24 12:11	1
Carbon disulfide	ND		5.0	1.2	ug/Kg			10/25/24 12:11	1
Carbon tetrachloride	ND		5.0	3.3	ug/Kg			10/25/24 12:11	1
Chlorobenzene	ND		5.0	0.92	ug/Kg			10/25/24 12:11	1
Chloroethane	ND		5.0	2.7	ug/Kg			10/25/24 12:11	1
Chloroform	ND		5.0	1.8	ug/Kg			10/25/24 12:11	1
Chloromethane	ND		5.0	2.3	ug/Kg			10/25/24 12:11	1
cis-1,2-Dichloroethene	ND		5.0	1.5	ug/Kg			10/25/24 12:11	1
cis-1,3-Dichloropropene	ND		5.0	2.9	ug/Kg			10/25/24 12:11	1
Cyclohexane	ND		10	1.4	ug/Kg			10/25/24 12:11	1
Chlorodibromomethane	ND		5.0	2.8	ug/Kg			10/25/24 12:11	1
Dichlorodifluoromethane	ND		5.0	2.3	ug/Kg			10/25/24 12:11	1
Ethylbenzene	ND		5.0	1.0	ug/Kg			10/25/24 12:11	1
Isopropylbenzene	ND		5.0	1.9	ug/Kg			10/25/24 12:11	1
Methyl acetate	ND		25	3.4	ug/Kg			10/25/24 12:11	1
Methyl tert-butyl ether	ND		5.0	2.0	ug/Kg			10/25/24 12:11	1
Methylcyclohexane	ND		10	1.2	ug/Kg			10/25/24 12:11	1
Methylene Chloride	ND		25	12	ug/Kg			10/25/24 12:11	1
Styrene	ND		5.0	1.2	ug/Kg			10/25/24 12:11	1
Tetrachloroethene	ND		5.0	1.9	ug/Kg			10/25/24 12:11	1
Toluene	ND		5.0	0.77	ug/Kg			10/25/24 12:11	1
trans-1,2-Dichloroethene	ND		5.0	1.4	ug/Kg			10/25/24 12:11	1
trans-1,3-Dichloropropene	ND		5.0	1.8	ug/Kg			10/25/24 12:11	1
Trichloroethene	ND		5.0	1.4	ug/Kg			10/25/24 12:11	1
Trichlorofluoromethane	ND		5.0	2.7	ug/Kg			10/25/24 12:11	1
Vinyl chloride	ND		5.0	1.8	ug/Kg			10/25/24 12:11	1
Xylenes, Total	ND		10	1.6	ug/Kg			10/25/24 12:11	1

Method: 8260D - Volatile Organic Compounds by GC/MS (Continued)

Lab Sample ID: MB 240-632400/8
Matrix: Solid
Analysis Batch: 632400

Client Sample ID: Method Blank
Prep Type: Total/NA

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
Toluene-d8 (Surr)	*99*		*56 - 125*		*10/25/24 12:11*	*1*
Dibromofluoromethane (Surr)	*101*		*41 - 138*		*10/25/24 12:11*	*1*
4-Bromofluorobenzene (Surr)	*90*		*41 - 143*		*10/25/24 12:11*	*1*
1,2-Dichloroethane-d4 (Surr)	*101*		*58 - 125*		*10/25/24 12:11*	*1*

Lab Sample ID: LCS 240-632400/6
Matrix: Solid
Analysis Batch: 632400

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
1,1,1-Trichloroethane	50.0	48.1		ug/Kg		96	74 - 136
1,1,2,2-Tetrachloroethane	50.0	45.0		ug/Kg		90	66 - 129
1,1,2-Trichloro-1,2,2-trifluoroethane	50.0	54.0		ug/Kg		108	64 - 148
1,1,2-Trichloroethane	50.0	46.2		ug/Kg		92	79 - 120
1,1-Dichloroethane	50.0	43.2		ug/Kg		86	74 - 121
1,1-Dichloroethene	50.0	49.4		ug/Kg		99	68 - 141
1,2,4-Trichlorobenzene	50.0	51.2		ug/Kg		102	58 - 132
1,2-Dibromo-3-Chloropropane	50.0	52.6		ug/Kg		105	52 - 133
Ethylene Dibromide	50.0	45.8		ug/Kg		92	80 - 121
1,2-Dichlorobenzene	50.0	48.8		ug/Kg		98	73 - 120
1,2-Dichloroethane	50.0	41.8		ug/Kg		84	71 - 123
1,2-Dichloropropane	50.0	42.5		ug/Kg		85	76 - 126
1,3-Dichlorobenzene	50.0	45.2		ug/Kg		90	73 - 120
1,4-Dichlorobenzene	50.0	44.9		ug/Kg		90	74 - 120
2-Butanone (MEK)	100	91.9		ug/Kg		92	63 - 142
2-Hexanone	100	79.7		ug/Kg		80	65 - 142
4-Methyl-2-pentanone (MIBK)	100	95.6		ug/Kg		96	62 - 142
Acetone	100	124		ug/Kg		124	58 - 160
Benzene	50.0	42.6		ug/Kg		85	76 - 121
Dichlorobromomethane	50.0	44.2		ug/Kg		88	71 - 138
Bromoform	50.0	46.0		ug/Kg		92	57 - 140
Bromomethane	50.0	64.0		ug/Kg		128	10 - 171
Carbon disulfide	50.0	49.6		ug/Kg		99	43 - 152
Carbon tetrachloride	50.0	46.7		ug/Kg		93	64 - 144
Chlorobenzene	50.0	45.0		ug/Kg		90	80 - 120
Chloroethane	50.0	55.2		ug/Kg		110	11 - 164
Chloroform	50.0	43.3		ug/Kg		87	78 - 120
Chloromethane	50.0	52.8		ug/Kg		106	41 - 142
cis-1,2-Dichloroethene	50.0	44.5		ug/Kg		89	78 - 124
cis-1,3-Dichloropropene	50.0	38.4		ug/Kg		77	70 - 133
Cyclohexane	50.0	47.0		ug/Kg		94	65 - 137
Chlorodibromomethane	50.0	45.8		ug/Kg		92	68 - 131
Dichlorodifluoromethane	50.0	49.2		ug/Kg		98	21 - 150
Ethylbenzene	50.0	44.3		ug/Kg		89	80 - 120
Isopropylbenzene	50.0	54.0		ug/Kg		108	80 - 130
Methyl acetate	100	86.3		ug/Kg		86	60 - 133
Methyl tert-butyl ether	50.0	43.7		ug/Kg		87	70 - 130
Methylcyclohexane	50.0	44.8		ug/Kg		90	70 - 138

Method: 8260D - Volatile Organic Compounds by GC/MS (Continued)

Lab Sample ID: LCS 240-632400/6
Matrix: Solid
Analysis Batch: 632400

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Methylene Chloride	50.0	63.7	*+	ug/Kg		127	71 - 124
Styrene	50.0	44.3		ug/Kg		89	75 - 140
Tetrachloroethene	50.0	45.7		ug/Kg		91	76 - 127
Toluene	50.0	43.8		ug/Kg		88	80 - 120
trans-1,2-Dichloroethene	50.0	45.8		ug/Kg		92	76 - 130
trans-1,3-Dichloropropene	50.0	43.5		ug/Kg		87	61 - 121
Trichloroethene	50.0	46.1		ug/Kg		92	74 - 130
Trichlorofluoromethane	50.0	56.8		ug/Kg		114	50 - 154
Vinyl chloride	50.0	62.1		ug/Kg		124	49 - 146
Xylenes, Total	100	91.3		ug/Kg		91	80 - 122
m-Xylene & p-Xylene	50.0	44.1		ug/Kg		88	80 - 122
o-Xylene	50.0	47.2		ug/Kg		94	80 - 124

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
Toluene-d8 (Surr)	*100*		*56 - 125*
Dibromofluoromethane (Surr)	*100*		*41 - 138*
4-Bromofluorobenzene (Surr)	*93*		*41 - 143*
1,2-Dichloroethane-d4 (Surr)	*99*		*58 - 125*

Method: 8270E - Semivolatile Organic Compounds (GC/MS)

Lab Sample ID: MB 240-632215/1-A
Matrix: Solid
Analysis Batch: 632390

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 632215

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1'-Biphenyl	ND		100	28	ug/Kg		10/24/24 08:36	10/25/24 07:50	1
bis (2-chloroisopropyl) ether	ND		100	26	ug/Kg		10/24/24 08:36	10/25/24 07:50	1
2,4,5-Trichlorophenol	ND		150	33	ug/Kg		10/24/24 08:36	10/25/24 07:50	1
2,4,6-Trichlorophenol	ND		150	29	ug/Kg		10/24/24 08:36	10/25/24 07:50	1
2,4-Dichlorophenol	ND		150	27	ug/Kg		10/24/24 08:36	10/25/24 07:50	1
2,4-Dimethylphenol	ND		150	36	ug/Kg		10/24/24 08:36	10/25/24 07:50	1
2,4-Dinitrophenol	ND		330	170	ug/Kg		10/24/24 08:36	10/25/24 07:50	1
2,4-Dinitrotoluene	ND		200	23	ug/Kg		10/24/24 08:36	10/25/24 07:50	1
2,6-Dinitrotoluene	ND		200	36	ug/Kg		10/24/24 08:36	10/25/24 07:50	1
2-Chloronaphthalene	ND		100	28	ug/Kg		10/24/24 08:36	10/25/24 07:50	1
2-Chlorophenol	ND		100	26	ug/Kg		10/24/24 08:36	10/25/24 07:50	1
2-Methylnaphthalene	ND		40	13	ug/Kg		10/24/24 08:36	10/25/24 07:50	1
2-Methylphenol	ND		200	41	ug/Kg		10/24/24 08:36	10/25/24 07:50	1
2-Nitroaniline	ND		200	38	ug/Kg		10/24/24 08:36	10/25/24 07:50	1
2-Nitrophenol	ND		100	35	ug/Kg		10/24/24 08:36	10/25/24 07:50	1
3,3'-Dichlorobenzidine	ND		150	95	ug/Kg		10/24/24 08:36	10/25/24 07:50	1
3-Nitroaniline	ND		200	35	ug/Kg		10/24/24 08:36	10/25/24 07:50	1
4,6-Dinitro-2-methylphenol	ND		330	100	ug/Kg		10/24/24 08:36	10/25/24 07:50	1
4-Bromophenyl phenyl ether	ND		100	32	ug/Kg		10/24/24 08:36	10/25/24 07:50	1
4-Chloro-3-methylphenol	ND		150	38	ug/Kg		10/24/24 08:36	10/25/24 07:50	1
4-Chloroaniline	ND		150	16	ug/Kg		10/24/24 08:36	10/25/24 07:50	1
4-Chlorophenyl phenyl ether	ND		100	28	ug/Kg		10/24/24 08:36	10/25/24 07:50	1
4-Nitroaniline	ND		200	26	ug/Kg		10/24/24 08:36	10/25/24 07:50	1

Method: 8270E - Semivolatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: MB 240-632215/1-A
Matrix: Solid
Analysis Batch: 632390

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 632215

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
4-Nitrophenol	ND		330	90	ug/Kg		10/24/24 08:36	10/25/24 07:50	1
Acenaphthene	ND		40	14	ug/Kg		10/24/24 08:36	10/25/24 07:50	1
Acenaphthylene	ND		40	15	ug/Kg		10/24/24 08:36	10/25/24 07:50	1
Acetophenone	ND		100	25	ug/Kg		10/24/24 08:36	10/25/24 07:50	1
Anthracene	ND		40	12	ug/Kg		10/24/24 08:36	10/25/24 07:50	1
Atrazine	ND		330	69	ug/Kg		10/24/24 08:36	10/25/24 07:50	1
Benzaldehyde	ND		330	56	ug/Kg		10/24/24 08:36	10/25/24 07:50	1
Benzo[a]anthracene	ND		40	15	ug/Kg		10/24/24 08:36	10/25/24 07:50	1
Benzo[a]pyrene	ND		40	14	ug/Kg		10/24/24 08:36	10/25/24 07:50	1
Benzo[b]fluoranthene	ND		40	12	ug/Kg		10/24/24 08:36	10/25/24 07:50	1
Benzo[g,h,i]perylene	ND		40	27	ug/Kg		10/24/24 08:36	10/25/24 07:50	1
Benzo[k]fluoranthene	ND		40	10	ug/Kg		10/24/24 08:36	10/25/24 07:50	1
Bis(2-chloroethoxy)methane	ND		100	20	ug/Kg		10/24/24 08:36	10/25/24 07:50	1
Bis(2-chloroethyl)ether	ND		100	22	ug/Kg		10/24/24 08:36	10/25/24 07:50	1
Bis(2-ethylhexyl) phthalate	57.7	J	150	56	ug/Kg		10/24/24 08:36	10/25/24 07:50	1
Butyl benzyl phthalate	ND		150	51	ug/Kg		10/24/24 08:36	10/25/24 07:50	1
Caprolactam	ND		330	69	ug/Kg		10/24/24 08:36	10/25/24 07:50	1
Carbazole	ND		100	27	ug/Kg		10/24/24 08:36	10/25/24 07:50	1
Chrysene	ND		40	14	ug/Kg		10/24/24 08:36	10/25/24 07:50	1
Dibenz(a,h)anthracene	ND		40	15	ug/Kg		10/24/24 08:36	10/25/24 07:50	1
Dibenzofuran	ND		100	29	ug/Kg		10/24/24 08:36	10/25/24 07:50	1
Diethyl phthalate	ND		150	43	ug/Kg		10/24/24 08:36	10/25/24 07:50	1
Dimethyl phthalate	ND		150	40	ug/Kg		10/24/24 08:36	10/25/24 07:50	1
Di-n-butyl phthalate	ND		150	51	ug/Kg		10/24/24 08:36	10/25/24 07:50	1
Di-n-octyl phthalate	ND		150	50	ug/Kg		10/24/24 08:36	10/25/24 07:50	1
Fluoranthene	ND		40	14	ug/Kg		10/24/24 08:36	10/25/24 07:50	1
Fluorene	ND		40	14	ug/Kg		10/24/24 08:36	10/25/24 07:50	1
Hexachlorobenzene	ND		40	14	ug/Kg		10/24/24 08:36	10/25/24 07:50	1
Hexachlorobutadiene	ND		100	21	ug/Kg		10/24/24 08:36	10/25/24 07:50	1
Hexachlorocyclopentadiene	ND		330	39	ug/Kg		10/24/24 08:36	10/25/24 07:50	1
Hexachloroethane	ND		100	32	ug/Kg		10/24/24 08:36	10/25/24 07:50	1
Indeno[1,2,3-cd]pyrene	ND		40	12	ug/Kg		10/24/24 08:36	10/25/24 07:50	1
Isophorone	ND		100	26	ug/Kg		10/24/24 08:36	10/25/24 07:50	1
N-Nitrosodi-n-propylamine	ND		100	37	ug/Kg		10/24/24 08:36	10/25/24 07:50	1
N-Nitrosodiphenylamine	ND		100	27	ug/Kg		10/24/24 08:36	10/25/24 07:50	1
Naphthalene	ND		40	13	ug/Kg		10/24/24 08:36	10/25/24 07:50	1
Nitrobenzene	ND		100	22	ug/Kg		10/24/24 08:36	10/25/24 07:50	1
Pentachlorophenol	ND		270	110	ug/Kg		10/24/24 08:36	10/25/24 07:50	1
Phenanthrene	ND		40	13	ug/Kg		10/24/24 08:36	10/25/24 07:50	1
Phenol	ND		100	38	ug/Kg		10/24/24 08:36	10/25/24 07:50	1
Pyrene	ND		40	16	ug/Kg		10/24/24 08:36	10/25/24 07:50	1
3 & 4 Methylphenol	ND		400	41	ug/Kg		10/24/24 08:36	10/25/24 07:50	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Terphenyl-d14 (Surr)	*76*		*37 - 120*	*10/24/24 08:36*	*10/25/24 07:50*	*1*
Phenol-d5 (Surr)	*78*		*29 - 120*	*10/24/24 08:36*	*10/25/24 07:50*	*1*
Nitrobenzene-d5 (Surr)	*66*		*28 - 120*	*10/24/24 08:36*	*10/25/24 07:50*	*1*
2-Fluorophenol (Surr)	*77*		*26 - 120*	*10/24/24 08:36*	*10/25/24 07:50*	*1*

Method: 8270E - Semivolatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: MB 240-632215/1-A
Matrix: Solid
Analysis Batch: 632390

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 632215

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
2-Fluorobiphenyl (Surr)	73		36 - 120	10/24/24 08:36	10/25/24 07:50	1
2,4,6-Tribromophenol (Surr)	76		10 - 120	10/24/24 08:36	10/25/24 07:50	1

Lab Sample ID: LCS 240-632215/2-A
Matrix: Solid
Analysis Batch: 632390

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 632215

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
1,1'-Biphenyl	1330	885		ug/Kg		66	54 - 120
bis (2-chloroisopropyl) ether	1330	811		ug/Kg		61	42 - 120
2,4,5-Trichlorophenol	1330	965		ug/Kg		72	53 - 120
2,4,6-Trichlorophenol	1330	912		ug/Kg		68	53 - 120
2,4-Dichlorophenol	1330	966		ug/Kg		72	55 - 120
2,4-Dimethylphenol	1330	661		ug/Kg		50	39 - 120
2,4-Dinitrophenol	2670	1130		ug/Kg		42	10 - 120
2,4-Dinitrotoluene	1330	1080		ug/Kg		81	56 - 120
2,6-Dinitrotoluene	1330	1020		ug/Kg		76	57 - 120
2-Chloronaphthalene	1330	899		ug/Kg		67	54 - 120
2-Chlorophenol	1330	921		ug/Kg		69	54 - 120
2-Methylnaphthalene	1330	914		ug/Kg		69	56 - 120
2-Methylphenol	1330	949		ug/Kg		71	51 - 120
2-Nitroaniline	1330	1000		ug/Kg		75	53 - 120
2-Nitrophenol	1330	939		ug/Kg		70	51 - 120
3,3'-Dichlorobenzidine	2670	1410		ug/Kg		53	31 - 120
3-Nitroaniline	1330	794		ug/Kg		60	36 - 120
4,6-Dinitro-2-methylphenol	2670	1420		ug/Kg		53	10 - 120
4-Bromophenyl phenyl ether	1330	1020		ug/Kg		77	56 - 120
4-Chloro-3-methylphenol	1330	1020		ug/Kg		76	55 - 120
4-Chloroaniline	1330	540		ug/Kg		40	23 - 120
4-Chlorophenyl phenyl ether	1330	948		ug/Kg		71	54 - 120
4-Nitroaniline	1330	868		ug/Kg		65	46 - 120
4-Nitrophenol	2670	1890		ug/Kg		71	41 - 123
Acenaphthene	1330	887		ug/Kg		67	56 - 120
Acenaphthylene	1330	931		ug/Kg		70	54 - 120
Acetophenone	1330	891		ug/Kg		67	53 - 120
Anthracene	1330	1010		ug/Kg		76	59 - 120
Atrazine	2670	1950		ug/Kg		73	56 - 136
Benzaldehyde	2670	1570		ug/Kg		59	50 - 120
Benzo[a]anthracene	1330	1060		ug/Kg		80	59 - 120
Benzo[a]pyrene	1330	1030		ug/Kg		77	54 - 120
Benzo[b]fluoranthene	1330	1010		ug/Kg		76	58 - 120
Benzo[g,h,i]perylene	1330	1040		ug/Kg		78	56 - 120
Benzo[k]fluoranthene	1330	1040		ug/Kg		78	59 - 120
Bis(2-chloroethoxy)methane	1330	887		ug/Kg		67	53 - 120
Bis(2-chloroethyl)ether	1330	776		ug/Kg		58	45 - 120
Bis(2-ethylhexyl) phthalate	1330	1050		ug/Kg		79	52 - 120
Butyl benzyl phthalate	1330	1040		ug/Kg		78	54 - 120
Caprolactam	2670	2030		ug/Kg		76	55 - 120

Method: 8270E - Semivolatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: LCS 240-632215/2-A
Matrix: Solid
Analysis Batch: 632390

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 632215

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Carbazole	1330	999		ug/Kg		75	61 - 120
Chrysene	1330	1000		ug/Kg		75	58 - 120
Dibenz(a,h)anthracene	1330	1070		ug/Kg		80	54 - 120
Dibenzofuran	1330	929		ug/Kg		70	54 - 120
Diethyl phthalate	1330	1010		ug/Kg		76	58 - 120
Dimethyl phthalate	1330	995		ug/Kg		75	58 - 120
Di-n-butyl phthalate	1330	969		ug/Kg		73	54 - 124
Di-n-octyl phthalate	1330	989		ug/Kg		74	53 - 120
Fluoranthene	1330	1050		ug/Kg		79	59 - 120
Fluorene	1330	930		ug/Kg		70	56 - 120
Hexachlorobenzene	1330	969		ug/Kg		73	51 - 120
Hexachlorobutadiene	1330	864		ug/Kg		65	46 - 120
Hexachlorocyclopentadiene	1330	263	J	ug/Kg		20	12 - 120
Hexachloroethane	1330	832		ug/Kg		62	49 - 120
Indeno[1,2,3-cd]pyrene	1330	1070		ug/Kg		81	53 - 120
Isophorone	1330	927		ug/Kg		69	52 - 120
N-Nitrosodi-n-propylamine	1330	886		ug/Kg		66	52 - 120
N-Nitrosodiphenylamine	1330	982		ug/Kg		74	58 - 120
Naphthalene	1330	881		ug/Kg		66	54 - 120
Nitrobenzene	1330	867		ug/Kg		65	52 - 120
Pentachlorophenol	2670	1360		ug/Kg		51	31 - 120
Phenanthrene	1330	947		ug/Kg		71	57 - 120
Phenol	1330	941		ug/Kg		71	48 - 120
Pyrene	1330	1040		ug/Kg		78	59 - 120
3 & 4 Methylphenol	1330	983		ug/Kg		74	51 - 120

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
Terphenyl-d14 (Surr)	*68*		*37 - 120*
Phenol-d5 (Surr)	*64*		*29 - 120*
Nitrobenzene-d5 (Surr)	*62*		*28 - 120*
2-Fluorophenol (Surr)	*63*		*26 - 120*
2-Fluorobiphenyl (Surr)	*61*		*36 - 120*
2,4,6-Tribromophenol (Surr)	*72*		*10 - 120*

Lab Sample ID: 240-213404-1 MS
Matrix: Solid
Analysis Batch: 632390

Client Sample ID: SB-8-12.0-14.0
Prep Type: Total/NA
Prep Batch: 632215

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
1,1'-Biphenyl	ND	F2	1520	907		ug/Kg	☼	60	30 - 120
bis (2-chloroisopropyl) ether	ND	F2	1520	686		ug/Kg	☼	45	19 - 120
2,4,5-Trichlorophenol	ND	F2	1520	1280		ug/Kg	☼	84	35 - 120
2,4,6-Trichlorophenol	ND	F2	1520	955		ug/Kg	☼	63	25 - 120
2,4-Dichlorophenol	ND	F2	1520	1290		ug/Kg	☼	85	35 - 120
2,4-Dimethylphenol	ND	F2	1520	926		ug/Kg	☼	61	20 - 120
2,4-Dinitrophenol	ND	F2 F1	3040	240	J F1	ug/Kg	☼	8	10 - 120
2,4-Dinitrotoluene	ND	F2	1520	1500		ug/Kg	☼	99	24 - 122
2,6-Dinitrotoluene	ND	F2	1520	1430		ug/Kg	☼	94	27 - 120

Method: 8270E - Semivolatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: 240-213404-1 MS
Matrix: Solid
Analysis Batch: 632390

Client Sample ID: SB-8-12.0-14.0
Prep Type: Total/NA
Prep Batch: 632215

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
2-Chloronaphthalene	ND	F2	1520	890		ug/Kg	☼	58	33 - 120
2-Chlorophenol	ND	F2	1520	1230		ug/Kg	☼	81	33 - 120
2-Methylnaphthalene	ND	F2	1520	852		ug/Kg	☼	56	18 - 120
2-Methylphenol	ND	F2	1520	1390		ug/Kg	☼	92	30 - 120
2-Nitroaniline	ND	F2	1520	1390		ug/Kg	☼	91	13 - 128
2-Nitrophenol	ND	F2	1520	1110		ug/Kg	☼	73	21 - 120
3,3'-Dichlorobenzidine	ND	F2	3040	2560		ug/Kg	☼	84	10 - 143
3-Nitroaniline	ND	F2	1520	1360		ug/Kg	☼	89	10 - 120
4,6-Dinitro-2-methylphenol	ND	F2 F1	3040	200	J F1	ug/Kg	☼	7	10 - 120
4-Bromophenyl phenyl ether	ND	F2	1520	1120		ug/Kg	☼	74	39 - 120
4-Chloro-3-methylphenol	ND	F2	1520	1440		ug/Kg	☼	95	26 - 120
4-Chloroaniline	ND	F2	1520	1080		ug/Kg	☼	71	19 - 120
4-Chlorophenyl phenyl ether	ND	F2	1520	1060		ug/Kg	☼	70	37 - 120
4-Nitroaniline	ND	F2	1520	1200		ug/Kg	☼	79	22 - 120
4-Nitrophenol	ND		3040	1780		ug/Kg	☼	58	18 - 124
Acenaphthene	ND	F2	1520	965		ug/Kg	☼	63	26 - 120
Acenaphthylene	ND	F2	1520	1110		ug/Kg	☼	73	25 - 120
Acetophenone	ND	F2	1520	1110		ug/Kg	☼	73	32 - 120
Anthracene	ND	F2	1520	1220		ug/Kg	☼	80	25 - 121
Atrazine	ND	F2	3040	2760		ug/Kg	☼	91	43 - 130
Benzaldehyde	ND	F2	3040	1620		ug/Kg	☼	53	27 - 120
Benzo[a]anthracene	ND	F2	1520	1130		ug/Kg	☼	74	21 - 130
Benzo[a]pyrene	ND	F2	1520	995		ug/Kg	☼	65	12 - 131
Benzo[b]fluoranthene	ND	F2	1520	1020		ug/Kg	☼	67	14 - 134
Benzo[g,h,i]perylene	ND		1520	928		ug/Kg	☼	61	10 - 145
Benzo[k]fluoranthene	ND		1520	945		ug/Kg	☼	62	18 - 126
Bis(2-chloroethoxy)methane	ND	F2	1520	1170		ug/Kg	☼	77	28 - 120
Bis(2-chloroethyl)ether	ND	F2	1520	815		ug/Kg	☼	54	23 - 120
Bis(2-ethylhexyl) phthalate	120	J B	1520	629		ug/Kg	☼	33	24 - 131
Butyl benzyl phthalate	ND	F2	1520	1180		ug/Kg	☼	78	41 - 120
Caprolactam	ND	F2	3040	1780		ug/Kg	☼	59	28 - 120
Carbazole	ND	F2	1520	1370		ug/Kg	☼	90	40 - 120
Chrysene	ND	F2	1520	1080		ug/Kg	☼	71	20 - 126
Dibenz(a,h)anthracene	ND		1520	902		ug/Kg	☼	59	10 - 141
Dibenzofuran	ND	F2	1520	1080		ug/Kg	☼	71	35 - 120
Diethyl phthalate	ND	F2	1520	1360		ug/Kg	☼	89	33 - 120
Dimethyl phthalate	ND	F2	1520	1390		ug/Kg	☼	92	15 - 120
Di-n-butyl phthalate	ND	F2	1520	1200		ug/Kg	☼	79	25 - 132
Di-n-octyl phthalate	ND	F1	1520	420	F1	ug/Kg	☼	28	37 - 120
Fluoranthene	ND	F2	1520	1270		ug/Kg	☼	83	18 - 139
Fluorene	ND	F2	1520	1140		ug/Kg	☼	75	29 - 120
Hexachlorobenzene	ND		1520	802		ug/Kg	☼	53	36 - 120
Hexachlorobutadiene	ND	F2 F1	1520	242	F1	ug/Kg	☼	16	18 - 120
Hexachlorocyclopentadiene	ND	F1	1520	138	J F1	ug/Kg	☼	9	10 - 120
Hexachloroethane	ND	F2 F1	1520	164	F1	ug/Kg	☼	11	14 - 120
Indeno[1,2,3-cd]pyrene	ND		1520	934		ug/Kg	☼	61	10 - 143
Isophorone	ND	F2	1520	1280		ug/Kg	☼	84	33 - 120
N-Nitrosodi-n-propylamine	ND	F2	1520	1160		ug/Kg	☼	76	33 - 120
N-Nitrosodiphenylamine	ND	F2	1520	1340		ug/Kg	☼	88	35 - 120

Method: 8270E - Semivolatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: 240-213404-1 MS
Matrix: Solid
Analysis Batch: 632390

Client Sample ID: SB-8-12.0-14.0
Prep Type: Total/NA
Prep Batch: 632215

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Naphthalene	ND		1520	723		ug/Kg	☼	48	17 - 120
Nitrobenzene	ND	F2	1520	938		ug/Kg	☼	62	25 - 120
Pentachlorophenol	ND		3040	510		ug/Kg	☼	17	10 - 120
Phenanthrene	ND	F2	1520	1190		ug/Kg	☼	79	18 - 122
Phenol	ND	F2	1520	1340		ug/Kg	☼	88	29 - 120
Pyrene	ND	F2	1520	1220		ug/Kg	☼	80	18 - 136
3 & 4 Methylphenol	ND	F2	1520	1500		ug/Kg	☼	98	30 - 120

Surrogate	*MS %Recovery*	*MS Qualifier*	*Limits*
Terphenyl-d14 (Surr)	*59*		*37 - 120*
Phenol-d5 (Surr)	*80*		*29 - 120*
Nitrobenzene-d5 (Surr)	*54*		*28 - 120*
2-Fluorophenol (Surr)	*75*		*26 - 120*
2-Fluorobiphenyl (Surr)	*55*		*36 - 120*
2,4,6-Tribromophenol (Surr)	*70*		*10 - 120*

Lab Sample ID: 240-213404-1 MSD
Matrix: Solid
Analysis Batch: 632390

Client Sample ID: SB-8-12.0-14.0
Prep Type: Total/NA
Prep Batch: 632215

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
1,1'-Biphenyl	ND	F2	1480	525	F2	ug/Kg	☼	36	30 - 120	53	40
bis (2-chloroisopropyl) ether	ND	F2	1480	441	F2	ug/Kg	☼	30	19 - 120	43	40
2,4,5-Trichlorophenol	ND	F2	1480	659	F2	ug/Kg	☼	45	35 - 120	64	40
2,4,6-Trichlorophenol	ND	F2	1480	575	F2	ug/Kg	☼	39	25 - 120	50	40
2,4-Dichlorophenol	ND	F2	1480	667	F2	ug/Kg	☼	45	35 - 120	64	40
2,4-Dimethylphenol	ND	F2	1480	461	F2	ug/Kg	☼	31	20 - 120	67	40
2,4-Dinitrophenol	ND	F2 F1	2950	388	F2	ug/Kg	☼	13	10 - 120	47	40
2,4-Dinitrotoluene	ND	F2	1480	804	F2	ug/Kg	☼	55	24 - 122	60	40
2,6-Dinitrotoluene	ND	F2	1480	745	F2	ug/Kg	☼	51	27 - 120	63	40
2-Chloronaphthalene	ND	F2	1480	513	F2	ug/Kg	☼	35	33 - 120	54	40
2-Chlorophenol	ND	F2	1480	622	F2	ug/Kg	☼	42	33 - 120	65	40
2-Methylnaphthalene	ND	F2	1480	519	F2	ug/Kg	☼	35	18 - 120	49	40
2-Methylphenol	ND	F2	1480	697	F2	ug/Kg	☼	47	30 - 120	67	40
2-Nitroaniline	ND	F2	1480	737	F2	ug/Kg	☼	50	13 - 128	61	40
2-Nitrophenol	ND	F2	1480	590	F2	ug/Kg	☼	40	21 - 120	61	40
3,3'-Dichlorobenzidine	ND	F2	2950	1480	F2	ug/Kg	☼	50	10 - 143	54	40
3-Nitroaniline	ND	F2	1480	720	F2	ug/Kg	☼	49	10 - 120	61	40
4,6-Dinitro-2-methylphenol	ND	F2 F1	2950	499	F2	ug/Kg	☼	17	10 - 120	86	40
4-Bromophenyl phenyl ether	ND	F2	1480	655	F2	ug/Kg	☼	44	39 - 120	53	40
4-Chloro-3-methylphenol	ND	F2	1480	747	F2	ug/Kg	☼	51	26 - 120	63	40
4-Chloroaniline	ND	F2	1480	567	F2	ug/Kg	☼	38	19 - 120	62	40
4-Chlorophenyl phenyl ether	ND	F2	1480	598	F2	ug/Kg	☼	41	37 - 120	56	40
4-Nitroaniline	ND	F2	1480	678	F2	ug/Kg	☼	46	22 - 120	56	40
4-Nitrophenol	ND		2950	1230		ug/Kg	☼	42	18 - 124	36	40
Acenaphthene	ND	F2	1480	536	F2	ug/Kg	☼	36	26 - 120	57	40
Acenaphthylene	ND	F2	1480	593	F2	ug/Kg	☼	40	25 - 120	61	40
Acetophenone	ND	F2	1480	572	F2	ug/Kg	☼	39	32 - 120	64	40

Method: 8270E - Semivolatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: 240-213404-1 MSD
Matrix: Solid
Analysis Batch: 632390

Client Sample ID: SB-8-12.0-14.0
Prep Type: Total/NA
Prep Batch: 632215

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Anthracene	ND	F2	1480	685	F2	ug/Kg	☼	46	25 - 121	56	40
Atrazine	ND	F2	2950	1540	F2	ug/Kg	☼	52	43 - 130	57	40
Benzaldehyde	ND	F2	2950	880	F2	ug/Kg	☼	30	27 - 120	59	40
Benzo[a]anthracene	ND	F2	1480	688	F2	ug/Kg	☼	47	21 - 130	49	40
Benzo[a]pyrene	ND	F2	1480	656	F2	ug/Kg	☼	44	12 - 131	41	40
Benzo[b]fluoranthene	ND	F2	1480	643	F2	ug/Kg	☼	44	14 - 134	46	40
Benzo[g,h,i]perylene	ND		1480	665		ug/Kg	☼	45	10 - 145	33	40
Benzo[k]fluoranthene	ND		1480	659		ug/Kg	☼	45	18 - 126	36	40
Bis(2-chloroethoxy)methane	ND	F2	1480	626	F2	ug/Kg	☼	42	28 - 120	61	40
Bis(2-chloroethyl)ether	ND	F2	1480	485	F2	ug/Kg	☼	33	23 - 120	51	40
Bis(2-ethylhexyl) phthalate	120	J B	1480	706		ug/Kg	☼	39	24 - 131	12	40
Butyl benzyl phthalate	ND	F2	1480	742	F2	ug/Kg	☼	50	41 - 120	46	40
Caprolactam	ND	F2	2950	1200	F2	ug/Kg	☼	41	28 - 120	39	35
Carbazole	ND	F2	1480	742	F2	ug/Kg	☼	50	40 - 120	59	40
Chrysene	ND	F2	1480	660	F2	ug/Kg	☼	45	20 - 126	48	40
Dibenz(a,h)anthracene	ND		1480	681		ug/Kg	☼	46	10 - 141	28	40
Dibenzofuran	ND	F2	1480	580	F2	ug/Kg	☼	39	35 - 120	60	40
Diethyl phthalate	ND	F2	1480	740	F2	ug/Kg	☼	50	33 - 120	59	40
Dimethyl phthalate	ND	F2	1480	738	F2	ug/Kg	☼	50	15 - 120	62	40
Di-n-butyl phthalate	ND	F2	1480	722	F2	ug/Kg	☼	49	25 - 132	50	40
Di-n-octyl phthalate	ND	F1	1480	605		ug/Kg	☼	41	37 - 120	36	40
Fluoranthene	ND	F2	1480	722	F2	ug/Kg	☼	49	18 - 139	55	40
Fluorene	ND	F2	1480	613	F2	ug/Kg	☼	42	29 - 120	60	40
Hexachlorobenzene	ND		1480	556		ug/Kg	☼	38	36 - 120	36	40
Hexachlorobutadiene	ND	F2 F1	1480	372	F2	ug/Kg	☼	25	18 - 120	42	40
Hexachlorocyclopentadiene	ND	F1	1480	129	J F1	ug/Kg	☼	9	10 - 120	7	40
Hexachloroethane	ND	F2 F1	1480	338	F2	ug/Kg	☼	23	14 - 120	69	40
Indeno[1,2,3-cd]pyrene	ND		1480	682		ug/Kg	☼	46	10 - 143	31	40
Isophorone	ND	F2	1480	658	F2	ug/Kg	☼	45	33 - 120	64	40
N-Nitrosodi-n-propylamine	ND	F2	1480	595	F2	ug/Kg	☼	40	33 - 120	64	40
N-Nitrosodiphenylamine	ND	F2	1480	733	F2	ug/Kg	☼	50	35 - 120	58	40
Naphthalene	ND		1480	481		ug/Kg	☼	33	17 - 120	40	40
Nitrobenzene	ND	F2	1480	532	F2	ug/Kg	☼	36	25 - 120	55	40
Pentachlorophenol	ND		2950	667		ug/Kg	☼	23	10 - 120	27	40
Phenanthrene	ND	F2	1480	664	F2	ug/Kg	☼	45	18 - 122	57	40
Phenol	ND	F2	1480	694	F2	ug/Kg	☼	47	29 - 120	63	40
Pyrene	ND	F2	1480	719	F2	ug/Kg	☼	49	18 - 136	52	40
3 & 4 Methylphenol	ND	F2	1480	700	F2	ug/Kg	☼	47	30 - 120	73	40

Surrogate	*MSD %Recovery*	*MSD Qualifier*	*Limits*
Terphenyl-d14 (Surr)	*39*		*37 - 120*
Phenol-d5 (Surr)	*42*		*29 - 120*
Nitrobenzene-d5 (Surr)	*31*		*28 - 120*
2-Fluorophenol (Surr)	*41*		*26 - 120*
2-Fluorobiphenyl (Surr)	*33*	*S1-*	*36 - 120*
2,4,6-Tribromophenol (Surr)	*40*		*10 - 120*

Method: 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Lab Sample ID: MB 240-632074/1-A
Matrix: Solid
Analysis Batch: 632175

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 632074

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aroclor-1016	ND		50	25	ug/Kg		10/23/24 09:32	10/23/24 22:30	1
Aroclor-1221	ND		50	30	ug/Kg		10/23/24 09:32	10/23/24 22:30	1
Aroclor-1232	ND		50	21	ug/Kg		10/23/24 09:32	10/23/24 22:30	1
Aroclor-1242	ND		50	19	ug/Kg		10/23/24 09:32	10/23/24 22:30	1
Aroclor-1248	ND		50	17	ug/Kg		10/23/24 09:32	10/23/24 22:30	1
Aroclor-1254	ND		50	21	ug/Kg		10/23/24 09:32	10/23/24 22:30	1
Aroclor-1260	ND		50	21	ug/Kg		10/23/24 09:32	10/23/24 22:30	1
Aroclor-1262	ND		50	22	ug/Kg		10/23/24 09:32	10/23/24 22:30	1
Aroclor-1268	ND		50	16	ug/Kg		10/23/24 09:32	10/23/24 22:30	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Tetrachloro-m-xylene	*59*		*10 - 149*	*10/23/24 09:32*	*10/23/24 22:30*	*1*
DCB Decachlorobiphenyl	*62*		*10 - 174*	*10/23/24 09:32*	*10/23/24 22:30*	*1*

Lab Sample ID: LCS 240-632074/2-A
Matrix: Solid
Analysis Batch: 632175

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 632074

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
Aroclor-1016			1000	364		ug/Kg		36	28 - 140		
Aroclor-1260			1000	474		ug/Kg		47	39 - 153		

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
Tetrachloro-m-xylene	*35*		*10 - 149*
DCB Decachlorobiphenyl	*55*		*10 - 174*

Method: 6010D - Metals (ICP)

Lab Sample ID: MB 240-631706/1-A
Matrix: Solid
Analysis Batch: 631995

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 631706

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	ND		1.5	0.32	mg/Kg		10/21/24 15:00	10/22/24 10:15	1
Barium	ND		20	0.13	mg/Kg		10/21/24 15:00	10/22/24 10:15	1
Cadmium	ND		0.50	0.048	mg/Kg		10/21/24 15:00	10/22/24 10:15	1
Chromium	ND		1.0	0.34	mg/Kg		10/21/24 15:00	10/22/24 10:15	1
Copper	ND		2.5	0.70	mg/Kg		10/21/24 15:00	10/22/24 10:15	1
Lead	ND		1.0	0.28	mg/Kg		10/21/24 15:00	10/22/24 10:15	1
Selenium	ND		2.0	0.47	mg/Kg		10/21/24 15:00	10/22/24 10:15	1
Silver	0.0865	J	1.0	0.081	mg/Kg		10/21/24 15:00	10/22/24 10:15	1
Zinc	ND		5.0	3.6	mg/Kg		10/21/24 15:00	10/22/24 10:15	1

Method: 6010D - Metals (ICP) (Continued)

Lab Sample ID: LCS 240-631706/2-A
Matrix: Solid
Analysis Batch: 631995

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 631706

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Arsenic	200	194		mg/Kg		97	80 - 120
Barium	200	183		mg/Kg		92	80 - 120
Cadmium	100	94.9		mg/Kg		95	80 - 120
Chromium	100	92.9		mg/Kg		93	80 - 120
Copper	100	91.9		mg/Kg		92	80 - 120
Lead	100	91.0		mg/Kg		91	80 - 120
Selenium	200	193		mg/Kg		96	80 - 120
Silver	10.0	9.35		mg/Kg		93	80 - 120
Zinc	100	96.6		mg/Kg		97	80 - 120

Method: 7471B - Mercury (CVAA)

Lab Sample ID: MB 240-631707/1-A
Matrix: Solid
Analysis Batch: 631905

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 631707

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	ND		0.10	0.018	mg/Kg		10/21/24 15:00	10/22/24 10:23	1

Lab Sample ID: LCS 240-631707/2-A
Matrix: Solid
Analysis Batch: 631905

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 631707

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Mercury	0.833	0.832		mg/Kg		100	80 - 120

Method: 7196A - Chromium, Hexavalent

Lab Sample ID: MB 410-570129/1-A
Matrix: Solid
Analysis Batch: 570177

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 570129

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cr (VI)	ND		0.42	0.14	mg/Kg		10/31/24 17:59	10/31/24 21:52	1

Lab Sample ID: LCS 410-570129/2-A
Matrix: Solid
Analysis Batch: 570177

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 570129

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Cr (VI)	5.00	4.93		mg/Kg		99	80 - 120

Lab Sample ID: LCSI 410-570129/3-A
Matrix: Solid
Analysis Batch: 570177

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 570129

Analyte	Spike Added	LCSI Result	LCSI Qualifier	Unit	D	%Rec	%Rec Limits
Cr (VI)	650	622		mg/Kg		96	80 - 120

Method: 9012B - Cyanide, Total andor Amenable

Lab Sample ID: MB 240-632928/1-A
Matrix: Solid
Analysis Batch: 632983

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 632928

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cyanide, Total	ND		0.52	0.41	mg/Kg		10/29/24 09:44	10/29/24 11:46	1

Lab Sample ID: LCS 240-632928/2-A
Matrix: Solid
Analysis Batch: 632983

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 632928

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Cyanide, Total	8.53	8.56		mg/Kg		100	65 - 128

Lab Sample ID: MRL 240-632983/10
Matrix: Solid
Analysis Batch: 632983

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	MRL Result	MRL Qualifier	Unit	D	%Rec	%Rec Limits
Cyanide, Total	0.0100	0.0124		mg/L		124	70 - 130

Lab Sample ID: MB 240-633012/1-A
Matrix: Solid
Analysis Batch: 633060

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 633012

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cyanide, Total	ND		0.50	0.40	mg/Kg		10/29/24 14:51	10/29/24 17:08	1

Lab Sample ID: LCS 240-633012/2-A
Matrix: Solid
Analysis Batch: 633060

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 633012

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Cyanide, Total	7.55	7.92		mg/Kg		105	65 - 128

Method: Moisture - Percent Moisture

Lab Sample ID: 240-213404-6 DU
Matrix: Solid
Analysis Batch: 631663

Client Sample ID: SB-6-12.0-14.0
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	DU Result	DU Qualifier	Unit	D	RPD	RPD Limit
Percent Solids	83.3		77.2		%		8	20
Percent Moisture	16.7		22.8	F3	%		31	20

Lab Sample ID: 240-213404-8 DU
Matrix: Solid
Analysis Batch: 631663

Client Sample ID: SB-4-8.0-10.0
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	DU Result	DU Qualifier	Unit	D	RPD	RPD Limit
Percent Solids	85.5		84.9		%		0.7	20
Percent Moisture	14.5		15.1		%		4	20

Method: OIA-1677 - Cyanide, Free (Flow Injection)

Lab Sample ID: MB 410-569681/49
Matrix: Solid
Analysis Batch: 569681

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cyanide, Free	ND		0.0060	0.0050	mg/L			10/30/24 14:19	1

Lab Sample ID: MB 410-569681/67
Matrix: Solid
Analysis Batch: 569681

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cyanide, Free	ND		0.0060	0.0050	mg/L			10/30/24 15:04	1

Lab Sample ID: LCS 410-569681/66
Matrix: Solid
Analysis Batch: 569681

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Cyanide, Free	0.0500	0.0438		mg/L		88	82 - 132

Lab Sample ID: MB 410-570146/17
Matrix: Solid
Analysis Batch: 570146

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cyanide, Free	ND		0.0060	0.0050	mg/L			10/31/24 14:26	1

Lab Sample ID: MB 410-570146/33
Matrix: Solid
Analysis Batch: 570146

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cyanide, Free	ND		0.0060	0.0050	mg/L			10/31/24 15:06	1

Lab Sample ID: MB 410-570146/49
Matrix: Solid
Analysis Batch: 570146

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cyanide, Free	ND		0.0060	0.0050	mg/L			10/31/24 15:46	1

Lab Sample ID: LCS 410-570146/32
Matrix: Solid
Analysis Batch: 570146

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Cyanide, Free	0.0500	0.0483		mg/L		97	82 - 132

Lab Sample ID: LCS 410-570146/48
Matrix: Solid
Analysis Batch: 570146

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Cyanide, Free	0.0500	0.0475		mg/L		95	82 - 132

GC/MS VOA

Analysis Batch: 631807

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
240-213404-1	SB-8-12.0-14.0	Total/NA	Solid	8260D	631878
240-213404-3	SB-DUP-3	Total/NA	Solid	8260D	631878
240-213404-5	SB-6-8.0-10.0	Total/NA	Solid	8260D	631878
240-213404-6	SB-6-12.0-14.0	Total/NA	Solid	8260D	631878
MB 240-631807/7	Method Blank	Total/NA	Solid	8260D	
LCS 240-631807/5	Lab Control Sample	Total/NA	Solid	8260D	

Prep Batch: 631878

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
240-213404-1	SB-8-12.0-14.0	Total/NA	Solid	5030C	
240-213404-3	SB-DUP-3	Total/NA	Solid	5030C	
240-213404-5	SB-6-8.0-10.0	Total/NA	Solid	5030C	
240-213404-6	SB-6-12.0-14.0	Total/NA	Solid	5030C	

Prep Batch: 631971

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
240-213404-2	SB-8-20.0-22.0	Total/NA	Solid	5030C	
MB 240-631971/1-A	Method Blank	Total/NA	Solid	5030C	
LCS 240-631971/2-A	Lab Control Sample	Total/NA	Solid	5030C	
240-213404-2 MS	SB-8-20.0-22.0	Total/NA	Solid	5030C	
240-213404-2 MSD	SB-8-20.0-22.0	Total/NA	Solid	5030C	

Analysis Batch: 632002

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
240-213404-7	SB-6-18.0-20.0	Total/NA	Solid	8260D	632082
MB 240-631971/1-A	Method Blank	Total/NA	Solid	8260D	631971
MB 240-632002/7	Method Blank	Total/NA	Solid	8260D	
LCS 240-631971/2-A	Lab Control Sample	Total/NA	Solid	8260D	631971
LCS 240-632002/5	Lab Control Sample	Total/NA	Solid	8260D	
240-213404-7 MS	SB-6-18.0-20.0	Total/NA	Solid	8260D	632082
240-213404-7 MSD	SB-6-18.0-20.0	Total/NA	Solid	8260D	632082

Prep Batch: 632082

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
240-213404-7	SB-6-18.0-20.0	Total/NA	Solid	5030C	
240-213404-7 MS	SB-6-18.0-20.0	Total/NA	Solid	5030C	
240-213404-7 MSD	SB-6-18.0-20.0	Total/NA	Solid	5030C	

Analysis Batch: 632210

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
240-213404-2	SB-8-20.0-22.0	Total/NA	Solid	8260D	631971
240-213404-8	SB-4-8.0-10.0	Total/NA	Solid	8260D	632297
MB 240-632210/7	Method Blank	Total/NA	Solid	8260D	
LCS 240-632210/5	Lab Control Sample	Total/NA	Solid	8260D	
240-213404-2 MS	SB-8-20.0-22.0	Total/NA	Solid	8260D	631971
240-213404-2 MSD	SB-8-20.0-22.0	Total/NA	Solid	8260D	631971

Prep Batch: 632297

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
240-213404-8	SB-4-8.0-10.0	Total/NA	Solid	5030C	

QC Association Summary

Client: August Mack Environmental, Inc.
Project/Site: MSC Canfield

Job ID: 240-213404-1

GC/MS VOA

Analysis Batch: 632400

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
240-213404-9	SB-4-16.0-18.0	Total/NA	Solid	8260D	632517
MB 240-632400/8	Method Blank	Total/NA	Solid	8260D	
LCS 240-632400/6	Lab Control Sample	Total/NA	Solid	8260D	

Prep Batch: 632517

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
240-213404-9	SB-4-16.0-18.0	Total/NA	Solid	5030C	

GC/MS Semi VOA

Prep Batch: 632215

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
240-213404-1	SB-8-12.0-14.0	Total/NA	Solid	3546	
240-213404-2	SB-8-20.0-22.0	Total/NA	Solid	3546	
240-213404-3	SB-DUP-3	Total/NA	Solid	3546	
240-213404-5	SB-6-8.0-10.0	Total/NA	Solid	3546	
240-213404-6	SB-6-12.0-14.0	Total/NA	Solid	3546	
240-213404-7	SB-6-18.0-20.0	Total/NA	Solid	3546	
240-213404-8	SB-4-8.0-10.0	Total/NA	Solid	3546	
240-213404-9	SB-4-16.0-18.0	Total/NA	Solid	3546	
MB 240-632215/1-A	Method Blank	Total/NA	Solid	3546	
LCS 240-632215/2-A	Lab Control Sample	Total/NA	Solid	3546	
240-213404-1 MS	SB-8-12.0-14.0	Total/NA	Solid	3546	
240-213404-1 MSD	SB-8-12.0-14.0	Total/NA	Solid	3546	

Analysis Batch: 632390

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
240-213404-1	SB-8-12.0-14.0	Total/NA	Solid	8270E	632215
240-213404-2	SB-8-20.0-22.0	Total/NA	Solid	8270E	632215
240-213404-3	SB-DUP-3	Total/NA	Solid	8270E	632215
240-213404-5	SB-6-8.0-10.0	Total/NA	Solid	8270E	632215
240-213404-6	SB-6-12.0-14.0	Total/NA	Solid	8270E	632215
240-213404-7	SB-6-18.0-20.0	Total/NA	Solid	8270E	632215
240-213404-8	SB-4-8.0-10.0	Total/NA	Solid	8270E	632215
240-213404-9	SB-4-16.0-18.0	Total/NA	Solid	8270E	632215
MB 240-632215/1-A	Method Blank	Total/NA	Solid	8270E	632215
LCS 240-632215/2-A	Lab Control Sample	Total/NA	Solid	8270E	632215
240-213404-1 MS	SB-8-12.0-14.0	Total/NA	Solid	8270E	632215
240-213404-1 MSD	SB-8-12.0-14.0	Total/NA	Solid	8270E	632215

GC Semi VOA

Prep Batch: 632074

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
240-213404-1	SB-8-12.0-14.0	Total/NA	Solid	3546	
240-213404-2	SB-8-20.0-22.0	Total/NA	Solid	3546	
240-213404-3	SB-DUP-3	Total/NA	Solid	3546	
240-213404-5	SB-6-8.0-10.0	Total/NA	Solid	3546	
240-213404-6	SB-6-12.0-14.0	Total/NA	Solid	3546	
240-213404-7	SB-6-18.0-20.0	Total/NA	Solid	3546	
240-213404-8	SB-4-8.0-10.0	Total/NA	Solid	3546	
240-213404-9	SB-4-16.0-18.0	Total/NA	Solid	3546	

GC Semi VOA (Continued)

Prep Batch: 632074 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
MB 240-632074/1-A	Method Blank	Total/NA	Solid	3546	
LCS 240-632074/2-A	Lab Control Sample	Total/NA	Solid	3546	

Analysis Batch: 632175

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
240-213404-1	SB-8-12.0-14.0	Total/NA	Solid	8082A	632074
240-213404-2	SB-8-20.0-22.0	Total/NA	Solid	8082A	632074
240-213404-3	SB-DUP-3	Total/NA	Solid	8082A	632074
240-213404-5	SB-6-8.0-10.0	Total/NA	Solid	8082A	632074
240-213404-6	SB-6-12.0-14.0	Total/NA	Solid	8082A	632074
240-213404-7	SB-6-18.0-20.0	Total/NA	Solid	8082A	632074
240-213404-8	SB-4-8.0-10.0	Total/NA	Solid	8082A	632074
240-213404-9	SB-4-16.0-18.0	Total/NA	Solid	8082A	632074
MB 240-632074/1-A	Method Blank	Total/NA	Solid	8082A	632074
LCS 240-632074/2-A	Lab Control Sample	Total/NA	Solid	8082A	632074

Metals

Prep Batch: 631706

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
240-213404-1	SB-8-12.0-14.0	Total/NA	Solid	3050B	
240-213404-2	SB-8-20.0-22.0	Total/NA	Solid	3050B	
240-213404-3	SB-DUP-3	Total/NA	Solid	3050B	
240-213404-5	SB-6-8.0-10.0	Total/NA	Solid	3050B	
240-213404-6	SB-6-12.0-14.0	Total/NA	Solid	3050B	
240-213404-7	SB-6-18.0-20.0	Total/NA	Solid	3050B	
240-213404-8	SB-4-8.0-10.0	Total/NA	Solid	3050B	
240-213404-9	SB-4-16.0-18.0	Total/NA	Solid	3050B	
MB 240-631706/1-A	Method Blank	Total/NA	Solid	3050B	
LCS 240-631706/2-A	Lab Control Sample	Total/NA	Solid	3050B	

Prep Batch: 631707

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
240-213404-1	SB-8-12.0-14.0	Total/NA	Solid	7471B	
240-213404-2	SB-8-20.0-22.0	Total/NA	Solid	7471B	
240-213404-3	SB-DUP-3	Total/NA	Solid	7471B	
240-213404-5	SB-6-8.0-10.0	Total/NA	Solid	7471B	
240-213404-6	SB-6-12.0-14.0	Total/NA	Solid	7471B	
240-213404-7	SB-6-18.0-20.0	Total/NA	Solid	7471B	
240-213404-8	SB-4-8.0-10.0	Total/NA	Solid	7471B	
240-213404-9	SB-4-16.0-18.0	Total/NA	Solid	7471B	
MB 240-631707/1-A	Method Blank	Total/NA	Solid	7471B	
LCS 240-631707/2-A	Lab Control Sample	Total/NA	Solid	7471B	

Analysis Batch: 631905

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
240-213404-1	SB-8-12.0-14.0	Total/NA	Solid	7471B	631707
240-213404-2	SB-8-20.0-22.0	Total/NA	Solid	7471B	631707
240-213404-3	SB-DUP-3	Total/NA	Solid	7471B	631707
240-213404-5	SB-6-8.0-10.0	Total/NA	Solid	7471B	631707
240-213404-6	SB-6-12.0-14.0	Total/NA	Solid	7471B	631707

Metals (Continued)

Analysis Batch: 631905 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
240-213404-7	SB-6-18.0-20.0	Total/NA	Solid	7471B	631707
240-213404-8	SB-4-8.0-10.0	Total/NA	Solid	7471B	631707
240-213404-9	SB-4-16.0-18.0	Total/NA	Solid	7471B	631707
MB 240-631707/1-A	Method Blank	Total/NA	Solid	7471B	631707
LCS 240-631707/2-A	Lab Control Sample	Total/NA	Solid	7471B	631707

Analysis Batch: 631995

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
240-213404-1	SB-8-12.0-14.0	Total/NA	Solid	6010D	631706
240-213404-2	SB-8-20.0-22.0	Total/NA	Solid	6010D	631706
240-213404-3	SB-DUP-3	Total/NA	Solid	6010D	631706
240-213404-5	SB-6-8.0-10.0	Total/NA	Solid	6010D	631706
240-213404-6	SB-6-12.0-14.0	Total/NA	Solid	6010D	631706
240-213404-7	SB-6-18.0-20.0	Total/NA	Solid	6010D	631706
240-213404-8	SB-4-8.0-10.0	Total/NA	Solid	6010D	631706
240-213404-9	SB-4-16.0-18.0	Total/NA	Solid	6010D	631706
MB 240-631706/1-A	Method Blank	Total/NA	Solid	6010D	631706
LCS 240-631706/2-A	Lab Control Sample	Total/NA	Solid	6010D	631706

General Chemistry

Leach Batch: 566731

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
240-213404-1	SB-8-12.0-14.0	ASTM Leach	Solid	D3987-85	
240-213404-2	SB-8-20.0-22.0	ASTM Leach	Solid	D3987-85	
240-213404-3	SB-DUP-3	ASTM Leach	Solid	D3987-85	
240-213404-5	SB-6-8.0-10.0	ASTM Leach	Solid	D3987-85	
240-213404-6	SB-6-12.0-14.0	ASTM Leach	Solid	D3987-85	
240-213404-7	SB-6-18.0-20.0	ASTM Leach	Solid	D3987-85	
240-213404-8	SB-4-8.0-10.0	ASTM Leach	Solid	D3987-85	
240-213404-9	SB-4-16.0-18.0	ASTM Leach	Solid	D3987-85	

Analysis Batch: 569681

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
240-213404-2	SB-8-20.0-22.0	ASTM Leach	Solid	OIA-1677	566731
240-213404-5	SB-6-8.0-10.0	ASTM Leach	Solid	OIA-1677	566731
MB 410-569681/49	Method Blank	Total/NA	Solid	OIA-1677	
MB 410-569681/67	Method Blank	Total/NA	Solid	OIA-1677	
LCS 410-569681/66	Lab Control Sample	Total/NA	Solid	OIA-1677	

Prep Batch: 570129

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
240-213404-1	SB-8-12.0-14.0	Total/NA	Solid	3060A	
240-213404-2	SB-8-20.0-22.0	Total/NA	Solid	3060A	
240-213404-3	SB-DUP-3	Total/NA	Solid	3060A	
240-213404-5	SB-6-8.0-10.0	Total/NA	Solid	3060A	
240-213404-6	SB-6-12.0-14.0	Total/NA	Solid	3060A	
240-213404-7	SB-6-18.0-20.0	Total/NA	Solid	3060A	
240-213404-8	SB-4-8.0-10.0	Total/NA	Solid	3060A	
240-213404-9	SB-4-16.0-18.0	Total/NA	Solid	3060A	
MB 410-570129/1-A	Method Blank	Total/NA	Solid	3060A	

General Chemistry (Continued)

Prep Batch: 570129 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
LCS 410-570129/2-A	Lab Control Sample	Total/NA	Solid	3060A	
LCSI 410-570129/3-A	Lab Control Sample	Total/NA	Solid	3060A	

Analysis Batch: 570146

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
240-213404-1	SB-8-12.0-14.0	ASTM Leach	Solid	OIA-1677	566731
240-213404-3	SB-DUP-3	ASTM Leach	Solid	OIA-1677	566731
240-213404-6	SB-6-12.0-14.0	ASTM Leach	Solid	OIA-1677	566731
240-213404-7	SB-6-18.0-20.0	ASTM Leach	Solid	OIA-1677	566731
240-213404-8	SB-4-8.0-10.0	ASTM Leach	Solid	OIA-1677	566731
240-213404-9	SB-4-16.0-18.0	ASTM Leach	Solid	OIA-1677	566731
MB 410-570146/17	Method Blank	Total/NA	Solid	OIA-1677	
MB 410-570146/33	Method Blank	Total/NA	Solid	OIA-1677	
MB 410-570146/49	Method Blank	Total/NA	Solid	OIA-1677	
LCS 410-570146/32	Lab Control Sample	Total/NA	Solid	OIA-1677	
LCS 410-570146/48	Lab Control Sample	Total/NA	Solid	OIA-1677	

Analysis Batch: 570177

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
240-213404-1	SB-8-12.0-14.0	Total/NA	Solid	7196A	570129
240-213404-2	SB-8-20.0-22.0	Total/NA	Solid	7196A	570129
240-213404-3	SB-DUP-3	Total/NA	Solid	7196A	570129
240-213404-5	SB-6-8.0-10.0	Total/NA	Solid	7196A	570129
240-213404-6	SB-6-12.0-14.0	Total/NA	Solid	7196A	570129
240-213404-7	SB-6-18.0-20.0	Total/NA	Solid	7196A	570129
240-213404-8	SB-4-8.0-10.0	Total/NA	Solid	7196A	570129
240-213404-9	SB-4-16.0-18.0	Total/NA	Solid	7196A	570129
MB 410-570129/1-A	Method Blank	Total/NA	Solid	7196A	570129
LCS 410-570129/2-A	Lab Control Sample	Total/NA	Solid	7196A	570129
LCSI 410-570129/3-A	Lab Control Sample	Total/NA	Solid	7196A	570129

Analysis Batch: 631663

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
240-213404-1	SB-8-12.0-14.0	Total/NA	Solid	Moisture	
240-213404-2	SB-8-20.0-22.0	Total/NA	Solid	Moisture	
240-213404-3	SB-DUP-3	Total/NA	Solid	Moisture	
240-213404-5	SB-6-8.0-10.0	Total/NA	Solid	Moisture	
240-213404-6	SB-6-12.0-14.0	Total/NA	Solid	Moisture	
240-213404-7	SB-6-18.0-20.0	Total/NA	Solid	Moisture	
240-213404-8	SB-4-8.0-10.0	Total/NA	Solid	Moisture	
240-213404-9	SB-4-16.0-18.0	Total/NA	Solid	Moisture	
240-213404-6 DU	SB-6-12.0-14.0	Total/NA	Solid	Moisture	
240-213404-8 DU	SB-4-8.0-10.0	Total/NA	Solid	Moisture	

Prep Batch: 632928

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
240-213404-1	SB-8-12.0-14.0	Total/NA	Solid	9012B	
240-213404-2	SB-8-20.0-22.0	Total/NA	Solid	9012B	
240-213404-3	SB-DUP-3	Total/NA	Solid	9012B	
240-213404-5	SB-6-8.0-10.0	Total/NA	Solid	9012B	
240-213404-6	SB-6-12.0-14.0	Total/NA	Solid	9012B	

General Chemistry (Continued)

Prep Batch: 632928 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
240-213404-7	SB-6-18.0-20.0	Total/NA	Solid	9012B	
240-213404-8	SB-4-8.0-10.0	Total/NA	Solid	9012B	
MB 240-632928/1-A	Method Blank	Total/NA	Solid	9012B	
LCS 240-632928/2-A	Lab Control Sample	Total/NA	Solid	9012B	

Analysis Batch: 632983

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
240-213404-1	SB-8-12.0-14.0	Total/NA	Solid	9012B	632928
240-213404-2	SB-8-20.0-22.0	Total/NA	Solid	9012B	632928
240-213404-3	SB-DUP-3	Total/NA	Solid	9012B	632928
240-213404-5	SB-6-8.0-10.0	Total/NA	Solid	9012B	632928
240-213404-6	SB-6-12.0-14.0	Total/NA	Solid	9012B	632928
240-213404-7	SB-6-18.0-20.0	Total/NA	Solid	9012B	632928
240-213404-8	SB-4-8.0-10.0	Total/NA	Solid	9012B	632928
MB 240-632928/1-A	Method Blank	Total/NA	Solid	9012B	632928
LCS 240-632928/2-A	Lab Control Sample	Total/NA	Solid	9012B	632928
MRL 240-632983/10	Lab Control Sample	Total/NA	Solid	9012B	

Prep Batch: 633012

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
240-213404-9	SB-4-16.0-18.0	Total/NA	Solid	9012B	
MB 240-633012/1-A	Method Blank	Total/NA	Solid	9012B	
LCS 240-633012/2-A	Lab Control Sample	Total/NA	Solid	9012B	

Analysis Batch: 633060

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
240-213404-9	SB-4-16.0-18.0	Total/NA	Solid	9012B	633012
MB 240-633012/1-A	Method Blank	Total/NA	Solid	9012B	633012
LCS 240-633012/2-A	Lab Control Sample	Total/NA	Solid	9012B	633012

Client Sample ID: SB-8-12.0-14.0

Lab Sample ID: 240-213404-1

Date Collected: 10/17/24 15:56

Matrix: Solid

Date Received: 10/18/24 16:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	Moisture		1	631663	PQD2	EET CLE	10/21/24 10:30
ASTM Leach	Leach	D3987-85			566731	UNWS	ELLE	10/23/24 12:30 - 10/24/24 06:15 [1]
ASTM Leach	Analysis	OIA-1677		1	570146	UJE2	ELLE	10/31/24 15:36

Client Sample ID: SB-8-12.0-14.0

Lab Sample ID: 240-213404-1

Date Collected: 10/17/24 15:56

Matrix: Solid

Date Received: 10/18/24 16:00

Percent Solids: 87.8

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5030C			631878	TJL2	EET CLE	10/22/24 10:32
Total/NA	Analysis	8260D		1	631807	TJL2	EET CLE	10/22/24 19:56
Total/NA	Prep	3546			632215	BV1	EET CLE	10/24/24 08:36
Total/NA	Analysis	8270E		1	632390	LKG	EET CLE	10/25/24 09:25
Total/NA	Prep	3546			632074	L6TL	EET CLE	10/23/24 09:32
Total/NA	Analysis	8082A		1	632175	MBB	EET CLE	10/24/24 03:02
Total/NA	Prep	3050B			631706	DEE	EET CLE	10/21/24 15:00
Total/NA	Analysis	6010D		1	631995	RKT	EET CLE	10/22/24 10:54
Total/NA	Prep	7471B			631707	DEE	EET CLE	10/21/24 15:00
Total/NA	Analysis	7471B		1	631905	S4FJ	EET CLE	10/22/24 10:35
Total/NA	Prep	3060A			570129	UDS7	ELLE	10/31/24 17:59
Total/NA	Analysis	7196A		1	570177	UDS7	ELLE	10/31/24 21:52
Total/NA	Prep	9012B			632928	C5SV	EET CLE	10/29/24 09:44
Total/NA	Analysis	9012B		1	632983	C5SV	EET CLE	10/29/24 12:22

Client Sample ID: SB-8-20.0-22.0

Lab Sample ID: 240-213404-2

Date Collected: 10/17/24 16:05

Matrix: Solid

Date Received: 10/18/24 16:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	Moisture		1	631663	PQD2	EET CLE	10/21/24 10:30
ASTM Leach	Leach	D3987-85			566731	UNWS	ELLE	10/23/24 12:30 - 10/24/24 06:15 [1]
ASTM Leach	Analysis	OIA-1677		1	569681	UJE2	ELLE	10/30/24 15:17

Client Sample ID: SB-8-20.0-22.0

Lab Sample ID: 240-213404-2

Date Collected: 10/17/24 16:05

Matrix: Solid

Date Received: 10/18/24 16:00

Percent Solids: 82.0

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5030C			631971	LAM	EET CLE	10/22/24 16:33
Total/NA	Analysis	8260D		2	632210	TJL2	EET CLE	10/24/24 20:46
Total/NA	Prep	3546			632215	BV1	EET CLE	10/24/24 08:36
Total/NA	Analysis	8270E		1	632390	LKG	EET CLE	10/25/24 10:37
Total/NA	Prep	3546			632074	L6TL	EET CLE	10/23/24 09:32
Total/NA	Analysis	8082A		1	632175	MBB	EET CLE	10/24/24 03:18

Client Sample ID: SB-8-20.0-22.0
Lab Sample ID: 240-213404-2

Date Collected: 10/17/24 16:05
Matrix: Solid
Date Received: 10/18/24 16:00
Percent Solids: 82.0

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	3050B			631706	DEE	EET CLE	10/21/24 15:00
Total/NA	Analysis	6010D		1	631995	RKT	EET CLE	10/22/24 11:07
Total/NA	Prep	7471B			631707	DEE	EET CLE	10/21/24 15:00
Total/NA	Analysis	7471B		1	631905	S4FJ	EET CLE	10/22/24 10:37
Total/NA	Prep	3060A			570129	UDS7	ELLE	10/31/24 17:59
Total/NA	Analysis	7196A		1	570177	UDS7	ELLE	10/31/24 21:52
Total/NA	Prep	9012B			632928	C5SV	EET CLE	10/29/24 09:44
Total/NA	Analysis	9012B		1	632983	C5SV	EET CLE	10/29/24 12:28

Client Sample ID: SB-DUP-3
Lab Sample ID: 240-213404-3

Date Collected: 10/17/24 00:00
Matrix: Solid
Date Received: 10/18/24 16:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	Moisture		1	631663	PQD2	EET CLE	10/21/24 10:30
ASTM Leach	Leach	D3987-85			566731	UNWS	ELLE	10/23/24 12:30 - 10/24/24 06:15 [1]
ASTM Leach	Analysis	OIA-1677		1	570146	UJE2	ELLE	10/31/24 15:39

Client Sample ID: SB-DUP-3
Lab Sample ID: 240-213404-3

Date Collected: 10/17/24 00:00
Matrix: Solid
Date Received: 10/18/24 16:00
Percent Solids: 86.1

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5030C			631878	TJL2	EET CLE	10/22/24 10:32
Total/NA	Analysis	8260D		1	631807	TJL2	EET CLE	10/22/24 20:17
Total/NA	Prep	3546			632215	BV1	EET CLE	10/24/24 08:36
Total/NA	Analysis	8270E		1	632390	LKG	EET CLE	10/25/24 11:01
Total/NA	Prep	3546			632074	L6TL	EET CLE	10/23/24 09:32
Total/NA	Analysis	8082A		1	632175	MBB	EET CLE	10/24/24 03:35
Total/NA	Prep	3050B			631706	DEE	EET CLE	10/21/24 15:00
Total/NA	Analysis	6010D		1	631995	RKT	EET CLE	10/22/24 11:11
Total/NA	Prep	7471B			631707	DEE	EET CLE	10/21/24 15:00
Total/NA	Analysis	7471B		1	631905	S4FJ	EET CLE	10/22/24 10:38
Total/NA	Prep	3060A			570129	UDS7	ELLE	10/31/24 17:59
Total/NA	Analysis	7196A		1	570177	UDS7	ELLE	10/31/24 21:52
Total/NA	Prep	9012B			632928	C5SV	EET CLE	10/29/24 09:44
Total/NA	Analysis	9012B		1	632983	C5SV	EET CLE	10/29/24 12:29

Client Sample ID: SB-6-8.0-10.0
Lab Sample ID: 240-213404-5

Date Collected: 10/18/24 08:40
Matrix: Solid
Date Received: 10/18/24 16:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	Moisture		1	631663	PQD2	EET CLE	10/21/24 10:30

Client Sample ID: SB-6-8.0-10.0
Lab Sample ID: 240-213404-5

Date Collected: 10/18/24 08:40
Matrix: Solid
Date Received: 10/18/24 16:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
ASTM Leach	Leach	D3987-85			566731	UNWS	ELLE	10/23/24 12:30 - 10/24/24 06:15 [1]
ASTM Leach	Analysis	OIA-1677		1	569681	UJE2	ELLE	10/30/24 15:39

Client Sample ID: SB-6-8.0-10.0
Lab Sample ID: 240-213404-5

Date Collected: 10/18/24 08:40
Matrix: Solid
Date Received: 10/18/24 16:00
Percent Solids: 87.6

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5030C			631878	TJL2	EET CLE	10/22/24 10:32
Total/NA	Analysis	8260D		1	631807	TJL2	EET CLE	10/22/24 20:38
Total/NA	Prep	3546			632215	BV1	EET CLE	10/24/24 08:36
Total/NA	Analysis	8270E		1	632390	LKG	EET CLE	10/25/24 11:25
Total/NA	Prep	3546			632074	L6TL	EET CLE	10/23/24 09:32
Total/NA	Analysis	8082A		1	632175	MBB	EET CLE	10/24/24 04:09
Total/NA	Prep	3050B			631706	DEE	EET CLE	10/21/24 15:00
Total/NA	Analysis	6010D		1	631995	RKT	EET CLE	10/22/24 11:16
Total/NA	Prep	7471B			631707	DEE	EET CLE	10/21/24 15:00
Total/NA	Analysis	7471B		1	631905	S4FJ	EET CLE	10/22/24 10:40
Total/NA	Prep	3060A			570129	UDS7	ELLE	10/31/24 17:59
Total/NA	Analysis	7196A		1	570177	UDS7	ELLE	10/31/24 21:52
Total/NA	Prep	9012B			632928	C5SV	EET CLE	10/29/24 09:44
Total/NA	Analysis	9012B		1	632983	C5SV	EET CLE	10/29/24 12:31

Client Sample ID: SB-6-12.0-14.0
Lab Sample ID: 240-213404-6

Date Collected: 10/18/24 08:45
Matrix: Solid
Date Received: 10/18/24 16:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	Moisture		1	631663	PQD2	EET CLE	10/21/24 10:55
ASTM Leach	Leach	D3987-85			566731	UNWS	ELLE	10/23/24 12:30 - 10/24/24 06:15 [1]
ASTM Leach	Analysis	OIA-1677		1	570146	UJE2	ELLE	10/31/24 15:41

Client Sample ID: SB-6-12.0-14.0
Lab Sample ID: 240-213404-6

Date Collected: 10/18/24 08:45
Matrix: Solid
Date Received: 10/18/24 16:00
Percent Solids: 83.3

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5030C			631878	TJL2	EET CLE	10/22/24 10:32
Total/NA	Analysis	8260D		1	631807	TJL2	EET CLE	10/22/24 20:59
Total/NA	Prep	3546			632215	BV1	EET CLE	10/24/24 08:36
Total/NA	Analysis	8270E		1	632390	LKG	EET CLE	10/25/24 12:13
Total/NA	Prep	3546			632074	L6TL	EET CLE	10/23/24 09:32
Total/NA	Analysis	8082A		1	632175	MBB	EET CLE	10/24/24 04:26
Total/NA	Prep	3050B			631706	DEE	EET CLE	10/21/24 15:00
Total/NA	Analysis	6010D		1	631995	RKT	EET CLE	10/22/24 11:20

Client Sample ID: SB-6-12.0-14.0

Lab Sample ID: 240-213404-6

Date Collected: 10/18/24 08:45

Matrix: Solid

Date Received: 10/18/24 16:00

Percent Solids: 83.3

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	7471B			631707	DEE	EET CLE	10/21/24 15:00
Total/NA	Analysis	7471B		1	631905	S4FJ	EET CLE	10/22/24 10:42
Total/NA	Prep	3060A			570129	UDS7	ELLE	10/31/24 17:59
Total/NA	Analysis	7196A		1	570177	UDS7	ELLE	10/31/24 21:52
Total/NA	Prep	9012B			632928	C5SV	EET CLE	10/29/24 09:44
Total/NA	Analysis	9012B		1	632983	C5SV	EET CLE	10/29/24 12:33

Client Sample ID: SB-6-18.0-20.0

Lab Sample ID: 240-213404-7

Date Collected: 10/18/24 08:52

Matrix: Solid

Date Received: 10/18/24 16:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	Moisture		1	631663	PQD2	EET CLE	10/21/24 10:55
ASTM Leach	Leach	D3987-85			566731	UNWS	ELLE	10/23/24 12:30 - 10/24/24 06:15 [1]
ASTM Leach	Analysis	OIA-1677		1	570146	UJE2	ELLE	10/31/24 16:06

Client Sample ID: SB-6-18.0-20.0

Lab Sample ID: 240-213404-7

Date Collected: 10/18/24 08:52

Matrix: Solid

Date Received: 10/18/24 16:00

Percent Solids: 87.2

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5030C			632082	TJL2	EET CLE	10/23/24 09:44
Total/NA	Analysis	8260D		1	632002	TJL2	EET CLE	10/23/24 18:31
Total/NA	Prep	3546			632215	BV1	EET CLE	10/24/24 08:36
Total/NA	Analysis	8270E		1	632390	LKG	EET CLE	10/25/24 13:01
Total/NA	Prep	3546			632074	L6TL	EET CLE	10/23/24 09:32
Total/NA	Analysis	8082A		1	632175	MBB	EET CLE	10/24/24 04:43
Total/NA	Prep	3050B			631706	DEE	EET CLE	10/21/24 15:00
Total/NA	Analysis	6010D		1	631995	RKT	EET CLE	10/22/24 11:24
Total/NA	Prep	7471B			631707	DEE	EET CLE	10/21/24 15:00
Total/NA	Analysis	7471B		1	631905	S4FJ	EET CLE	10/22/24 10:44
Total/NA	Prep	3060A			570129	UDS7	ELLE	10/31/24 17:59
Total/NA	Analysis	7196A		1	570177	UDS7	ELLE	10/31/24 21:52
Total/NA	Prep	9012B			632928	C5SV	EET CLE	10/29/24 09:44
Total/NA	Analysis	9012B		1	632983	C5SV	EET CLE	10/29/24 12:35

Client Sample ID: SB-4-8.0-10.0

Lab Sample ID: 240-213404-8

Date Collected: 10/18/24 11:02

Matrix: Solid

Date Received: 10/18/24 16:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	Moisture		1	631663	PQD2	EET CLE	10/21/24 11:52
ASTM Leach	Leach	D3987-85			566731	UNWS	ELLE	10/23/24 12:30 - 10/24/24 06:15 [1]
ASTM Leach	Analysis	OIA-1677		1	570146	UJE2	ELLE	10/31/24 16:09

Client Sample ID: SB-4-8.0-10.0
Lab Sample ID: 240-213404-8

Date Collected: 10/18/24 11:02
Matrix: Solid
Date Received: 10/18/24 16:00
Percent Solids: 85.5

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5030C			632297	TJL2	EET CLE	10/24/24 11:19
Total/NA	Analysis	8260D		1	632210	TJL2	EET CLE	10/24/24 12:34
Total/NA	Prep	3546			632215	BV1	EET CLE	10/24/24 08:36
Total/NA	Analysis	8270E		1	632390	LKG	EET CLE	10/25/24 11:49
Total/NA	Prep	3546			632074	L6TL	EET CLE	10/23/24 09:32
Total/NA	Analysis	8082A		1	632175	MBB	EET CLE	10/24/24 05:00
Total/NA	Prep	3050B			631706	DEE	EET CLE	10/21/24 15:00
Total/NA	Analysis	6010D		1	631995	RKT	EET CLE	10/22/24 11:29
Total/NA	Prep	7471B			631707	DEE	EET CLE	10/21/24 15:00
Total/NA	Analysis	7471B		1	631905	S4FJ	EET CLE	10/22/24 10:45
Total/NA	Prep	3060A			570129	UDS7	ELLE	10/31/24 17:59
Total/NA	Analysis	7196A		1	570177	UDS7	ELLE	10/31/24 21:52
Total/NA	Prep	9012B			632928	C5SV	EET CLE	10/29/24 09:44
Total/NA	Analysis	9012B		1	632983	C5SV	EET CLE	10/29/24 12:37

Client Sample ID: SB-4-16.0-18.0
Lab Sample ID: 240-213404-9

Date Collected: 10/18/24 11:11
Matrix: Solid
Date Received: 10/18/24 16:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	Moisture		1	631663	PQD2	EET CLE	10/21/24 10:55
ASTM Leach	Leach	D3987-85			566731	UNWS	ELLE	10/23/24 12:30 - 10/24/24 06:15 [1]
ASTM Leach	Analysis	OIA-1677		1	570146	UJE2	ELLE	10/31/24 16:04

Client Sample ID: SB-4-16.0-18.0
Lab Sample ID: 240-213404-9

Date Collected: 10/18/24 11:11
Matrix: Solid
Date Received: 10/18/24 16:00
Percent Solids: 80.7

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5030C			632517	TJL2	EET CLE	10/25/24 11:33
Total/NA	Analysis	8260D		1	632400	CS	EET CLE	10/25/24 14:22
Total/NA	Prep	3546			632215	BV1	EET CLE	10/24/24 08:36
Total/NA	Analysis	8270E		1	632390	LKG	EET CLE	10/25/24 12:37
Total/NA	Prep	3546			632074	L6TL	EET CLE	10/23/24 09:32
Total/NA	Analysis	8082A		1	632175	MBB	EET CLE	10/24/24 05:17
Total/NA	Prep	3050B			631706	DEE	EET CLE	10/21/24 15:00
Total/NA	Analysis	6010D		1	631995	RKT	EET CLE	10/22/24 11:33
Total/NA	Prep	7471B			631707	DEE	EET CLE	10/21/24 15:00
Total/NA	Analysis	7471B		1	631905	S4FJ	EET CLE	10/22/24 10:47
Total/NA	Prep	3060A			570129	UDS7	ELLE	10/31/24 17:59
Total/NA	Analysis	7196A		1	570177	UDS7	ELLE	10/31/24 21:52
Total/NA	Prep	9012B			633012	C5SV	EET CLE	10/29/24 14:51
Total/NA	Analysis	9012B		1	633060	C5SV	EET CLE	10/29/24 17:18

[1] This procedure uses a method stipulated length of time for the process. Both start and end times are displayed.

Lab Chronicle

Client: August Mack Environmental, Inc.
Job ID: 240-213404-1
Project/Site: MSC Canfield

Laboratory References:

EET CLE = Eurofins Cleveland, 180 S. Van Buren Avenue, Barberton, OH 44203, TEL (330)497-9396

ELLE = Eurofins Lancaster Laboratories Environment Testing, LLC, 2425 New Holland Pike, Lancaster, PA 17601, TEL (717)656-2300

Accreditation/Certification Summary

Client: August Mack Environmental, Inc.
Project/Site: MSC Canfield

Job ID: 240-213404-1

Laboratory: Eurofins Cleveland

All accreditations/certifications held by this laboratory are listed. Not all accreditations/certifications are applicable to this report.

Authority	Program	Identification Number	Expiration Date
California	State	2927	02-28-25
Connecticut	State	PH-0806	12-31-26
Georgia	State	4062	02-27-25
Illinois	NELAP	200004	08-31-25
Iowa	State	421	06-01-25
Kentucky (UST)	State	112225	02-27-25
Kentucky (WW)	State	KY98016	12-30-24
Minnesota	NELAP	039-999-348	12-31-24
New Hampshire	NELAP	225024	09-30-25
New Jersey	NELAP	OH001	07-03-25
New York	NELAP	10975	04-02-25
Ohio VAP	State	ORELAP 4062	02-27-25
Oregon	NELAP	4062	02-27-25
Pennsylvania	NELAP	68-00340	08-31-25
Texas	NELAP	T104704517-22-19	08-31-25
USDA	US Federal Programs	P330-18-00281	01-05-27
Virginia	NELAP	460175	09-14-25
West Virginia DEP	State	210	12-31-24

Laboratory: Eurofins Lancaster Laboratories Environment Testing, LLC

All accreditations/certifications held by this laboratory are listed. Not all accreditations/certifications are applicable to this report.

Authority	Program	Identification Number	Expiration Date
A2LA	Dept. of Defense ELAP	0001.01	11-30-26
A2LA	Dept. of Energy	0001.01	11-30-26
A2LA	ISO/IEC 17025	0001.01	11-30-26
Alabama	State	43200	01-31-25
Alaska	State	PA00009	06-30-25
Alaska (UST)	State	17-027	02-28-25
Arizona	State	AZ0780	03-12-25
Arkansas DEQ	State	88-00660	08-09-25
California	State	2792	11-30-24
Colorado	State	PA00009	06-30-25
Connecticut	State	PH-0746	06-30-25
DE Haz. Subst. Cleanup Act (HSCA)	State	019-006 (PA cert)	01-31-25
Delaware (DW)	State	N/A	01-31-25
Florida	NELAP	E87997	06-30-25
Georgia (DW)	State	C048	01-31-25
Hawaii	State	N/A	01-31-25
Illinois	NELAP	200027	01-31-25
Iowa	State	361	03-01-26
Kansas	NELAP	E-10151	10-31-24
Kentucky (DW)	State	KY90088	12-31-24
Kentucky (UST)	State	0001.01	11-30-26
Kentucky (WW)	State	KY90088	12-31-24
Louisiana (All)	NELAP	02055	06-30-25
Maine	State	2019012	03-12-25
Maryland	State	100	06-30-25
Massachusetts	State	M-PA009	06-30-25
Michigan	State	9930	01-31-25

Accreditation/Certification Summary

Client: August Mack Environmental, Inc.
Project/Site: MSC Canfield

Job ID: 240-213404-1

Laboratory: Eurofins Lancaster Laboratories Environment Testing, LLC (Continued)

All accreditations/certifications held by this laboratory are listed. Not all accreditations/certifications are applicable to this report.

Authority	Program	Identification Number	Expiration Date
Minnesota	NELAP	042-999-487	12-31-24
Mississippi	State	023	01-31-25
Missouri	State	450	01-31-25
Montana (DW)	State	0098	01-01-25
Nebraska	State	NE-OS-32-17	01-31-25
New Hampshire	NELAP	2730	01-10-25
New Jersey	NELAP	PA011	06-30-25
New York	NELAP	10670	04-01-25
North Carolina (DW)	State	42705	07-31-25
North Carolina (WW/SW)	State	521	12-31-25
North Dakota	State	R-205	01-31-24 *
Oklahoma	NELAP	9804	08-31-24 *
Oregon	NELAP	PA200001	09-11-25
Pennsylvania	NELAP	36-00037	01-31-25
Quebec Ministry of Environment and Fight against Climate Change	PALA	507	09-16-29
Rhode Island	State	LAO00338	12-30-24
South Carolina	State	89002	01-31-25
Tennessee	State	02838	01-31-25
Texas	NELAP	T104704194-23-46	08-31-25
USDA	US Federal Programs	525-22-298-19481	10-25-25
Vermont	State	VT - 36037	10-28-25
Virginia	NELAP	460182	06-14-25
Washington	State	C457	04-11-25
West Virginia (DW)	State	9906 C	01-31-25
West Virginia DEP	State	055	07-31-25
Wyoming	State	8TMS-L	01-31-25
Wyoming (UST)	A2LA	0001.01	11-30-26

* Accreditation/Certification renewal pending - accreditation/certification considered valid.

Chain of Custody Record 728913

eurofins | Environment Testing America

Address: _____

Regulatory Program: ☐ DW ☐ NPDES ☐ RCRA ☐ Other: 2r

TAL-8210

Client Contact	Project Manager: Kain Lager-Lowe	Site Contact:	Date:	COC No:
Company Name: AME	Tel/Email: 740-548-1515	Lab Contact:	Carrier:	____ of ____ COCs
Address: 7830 N. Central Dr. Ste B	Analysis Turnaround Time			Sampler:
City/State/Zip: Lewis Center OH, 43035	☐ CALENDAR DAYS ☐ WORKING DAYS			For Lab Use Only:
Phone: 740-548-1515	TAT if different from Below ____			Walk-in Client:
Fax:	☐ 2 weeks			Lab Sampling:
Project Name:	☐ 1 week			
Site: MSC Canfield	☐ 2 days			Job / SDG No.:
PO# JY2380	☐ 1 day			

Sample Identification	Sample Date	Sample Time	Sample Type (C=Comp, G=Grab)	Matrix	# of Cont.	Filtered Sample (Y/N)	Perform MS / MSD (Y/N)	8260D-VO	8270E-SVOCS	8082A-PCBS	6010D, 747B-RCRS, Lu	9012B-Tot. Cn	7196A-Crb	1677-Free Cn	Sample Specific Notes:
~~SB-12.0-14~~ SB-8-12.0-14.0	10/17/24	1556	G	Solid	6	N	N	X	X	X	X	X	X	X	
SB-8-20.0-22.0	10/17/24	1605	G	Solid	6	N	N	X	X	X	X	X	X	X	
SB-DUP-3	10/17/24	/	G	Solid	6	N	N	X	X	X	X	X	X	X	
TB-11-20241017	10/17/24	/	G	Water	1	N	N	X	X	X	X	X	X	X	
SB-6-8.0-10.0	10/18/24	0840	G	Solid	6	N	N	X	X	X	X	X	X	X	
SB-6-12.0-14.0	10/18/24	0845	G	Solid	6	N	N	X	X	X	X	X	X	X	
SB-6-18.0-20.0	10/18/24	0852	G	Solid	6	N	N	X	X	X	X	X	X	X	
SB-4-8.0-10.0	10/18/24	1102	G	Solid	6	N	N	X	X	X	X	X	X	X	
SB-4-16.0-18.0	10/18/24	1111	G	Solid	6	N	N	X	X	X	X	X	X	X	

24-213404 COC

Preservation Used: 1= Ice, 2= HCl; 3= H2SO4; 4=HNO3; 5=NaOH; 6= Other _____

Possible Hazard Identification:
Are any samples from a listed EPA Hazardous Waste? Please List any EPA Waste Codes for the sample in the Comments Section if the lab is to dispose of the sample.

☐ Non-Hazard ☐ Flammable ☐ Skin Irritant ☐ Poison B ☐ Unknown

Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)

☐ Return to Client ☐ Disposal by Lab ☐ Archive for _____ Months

Special Instructions/QC Requirements & Comments:

Custody Seals Intact: ☐ Yes ☐ No | Custody Seal No.: | Cooler Temp. (°C): Obs'd: _____ Corr'd: _____ Therm ID No.: _____

Relinquished by:	Company:	Date/Time:	Received by:	Company:	Date/Time:
Nathan Byrd	AME	10/18/24 1455	[signature]	EUR	10/18/24 1453
[signature]	EUR	10/18/24 1600	[signature]	Euro	10/18/24 1600
			Received in Laboratory by:		

Eurofins – Cleveland Sample Receipt Form/Narrative **Login # :** _____
Barberton Facility

Client AMC Site Name _____ Cooler unpacked by: JT

Cooler Received on 10/19/24 10/18/24 Opened on 10/19/24

FedEx. 1st Grd Exp UPS FAS Waypoint (Client Drop Off) Eurofins Courier Other

Receipt After-hours Drop-off Date/Time _____ Storage Location _____

Eurofins Cooler # EC Foam Box Client Cooler Box Other _____

Packing material used. (Bubble Wrap) Foam Plastic Bag None Other _____

COOLANT (Wet Ice) Blue Ice Dry Ice Water None

1 Cooler temperature upon receipt ☐ See Multiple Cooler Form

IR GUN # 18 (CF -0.3 °C) Observed Cooler Temp. 5.1 °C Corrected Cooler Temp. 4.8 °C

2. Were tamper/custody seals on the outside of the cooler(s)? If Yes Quantity_____	Yes (No)	**Tests that are not checked for pH by Receiving:**
-Were the seals on the outside of the cooler(s) signed & dated?	Yes No (NA)	
-Were tamper/custody seals on the bottle(s) or bottle kits (LLHg/MeHg)?	Yes (No)	**VOAs**
-Were tamper/custody seals intact and uncompromised?	Yes No (NA)	**Oil and Grease**
3 Shippers' packing slip attached to the cooler(s)?	Yes (No)	**TOC**
4. Did custody papers accompany the sample(s)?	(Yes) No	
5 Were the custody papers relinquished & signed in the appropriate place?	(Yes) No	
6. Was/were the person(s) who collected the samples clearly identified on the COC?	Yes (No)	
7 Did all bottles arrive in good condition (Unbroken)?	(Yes) No	
8 Could all bottle labels (ID/Date/Time) be reconciled with the COC?	Yes (No)	
9 For each sample, does the COC specify preservatives (Y/N), # of containers (Y/N), and sample type of grab/comp(Y/N)?	(Y) N	
10 Were correct bottle(s) used for the test(s) indicated?	(Yes) No	
11 Sufficient quantity received to perform indicated analyses?	(Yes) No	
12. Are these work share samples and all listed on the COC?	Yes (No)	
If yes, Questions 13-17 have been checked at the originating laboratory		
13 Were all preserved sample(s) at the correct pH upon receipt?	Yes No (NA)	pH Strip Lot# HC447997
14 Were VOAs on the COC?	Yes (No)	
15 Were air bubbles >6 mm in any VOA vials? ● ⬅ Larger than this.	Yes No (NA)	
16 Was a VOA trip blank present in the cooler(s)? Trip Blank Lot #_____	Yes (No)	
17 Was a LL Hg or Me Hg trip blank present? _____	Yes (No)	

Contacted PM _____ Date _____ by _____ via Verbal Voice Mail Other

Concerning _____

18. CHAIN OF CUSTODY & SAMPLE DISCREPANCIES ☐ additional next page | Samples processed by:

_____

_____

_____

_____

19. SAMPLE CONDITION

Sample(s) _____ were received after the recommended holding time had expired.

Sample(s) _____ were received in a broken container

Sample(s) _____ were received with bubble >6 mm in diameter (Notify PM)

20. SAMPLE PRESERVATION

Sample(s) _____ were further preserved in the laboratory

Time preserved: _____ Preservative(s) added/Lot number(s). _____

VOA Sample Preservation - Date/Time VOAs Frozen. _____

10/19/2024

Login Container Summary Report

240-213404

11/12/2024

Temperature readings _____

Client Sample ID	Lab ID	Container Type	Container pH	Container Temp	Preservation Added	Preservation Lot Number
SB-8-12 0-14 0	240-213404-A-1	SnapCap 1/2 ounce unpreserved				
SB-8-12 0-14 0	240-213404-B-1	Soil jar 2oz - clear glass				
SB-8-12 0-14 0	240-213404-C-1	Soil jar 4oz - clear glass				
SB-8-12.0-14 0	240-213404-D-1	Soil jar 4oz - clear glass				
SB-8-12 0-14 0	240-213404-E-1	Soil jar 4oz - clear glass				
SB-8-12 0-14 0	240-213404-F-1	Soil jar 4oz - clear glass				
SB-8-12 0-14 0	240-213404-G-1	Soil jar 4oz - clear glass				
SB-8-20 0-22 0	240-213404-A-2	SnapCap 1/2 ounce unpreserved				
SB-8-20 0-22 0	240-213404-B-2	Soil jar 2oz - clear glass				
SB-8-20 0-22 0	240-213404-C-2	Soil jar 4oz - clear glass				
SB-8-20 0-22 0	240-213404-D-2	Soil jar 4oz - clear glass				
SB-8-20 0-22 0	240-213404-E-2	Soil jar 4oz - clear glass				
SB-8-20 0-22 0	240-213404-F-2	Soil jar 4oz - clear glass				
SB-8-20 0-22 0	240-213404-G-2	Soil jar 4oz - clear glass				
SB-DUP-3	240-213404-A-3	SnapCap 1/2 ounce unpreserved				
SB-DUP-3	240-213404-B-3	Soil jar 2oz - clear glass				
SB-DUP-3	240-213404-C-3	Soil jar 4oz - clear glass				
SB-DUP-3	240-213404-D-3	Soil jar 4oz - clear glass				
SB-DUP-3	240-213404-E-3	Soil jar 4oz - clear glass				
SB-DUP-3	240-213404-F-3	Soil jar 4oz - clear glass				
SB-DUP-3	240-213404-G-3	Soil jar 4oz - clear glass				
TB-11-20241017	240-213404-H-4	Voa Vial 40ml - Hydrochloric Acid				
SB-6-8 0-10 0	240-213404-A-5	SnapCap 1/2 ounce unpreserved				
SB-6-8 0-10.0	240-213404-B-5	Soil jar 2oz - clear glass				
SB-6-8 0-10 0	240-213404-C-5	Soil jar 4oz - clear glass				
SB-6-8 0-10 0	240-213404-D-5	Soil jar 4oz - clear glass				
SB-6-8 0-10 0	240-213404-E-5	Soil jar 4oz - clear glass				
SB-6-8 0-10 0	240-213404-F-5	Soil jar 4oz - clear glass				
SB-6-8 0-10 0	240-213404-G-5	Soil jar 4oz - clear glass				
SB-6-12 0-14 0	240-213404-A-6	SnapCap 1/2 ounce unpreserved				
SB-6-12 0-14 0	240-213404-B-6	Soil jar 2oz - clear glass				
SB-6-12 0-14 0	240-213404-C-6	Soil jar 4oz - clear glass				
SB-6-12 0-14 0	240-213404-D-6	Soil jar 4oz - clear glass				
SB-6-12 0-14 0	240-213404-E-6	Soil jar 4oz - clear glass				
SB-6-12 0-14 0	240-213404-F-6	Soil jar 4oz - clear glass				

Client Sample ID	Lab ID	Container Type	Container pH	Container Temp	Preservation Added	Preservation Lot Number
SB-6-12 0-14 0	240-213404-G-6	Soil jar 4oz - clear glass				
SB-18.0-20 0	240-213404-A-7	SnapCap 1/2 ounce unpreserved				
SB-18 0-20 0	240-213404-B-7	Soil jar 2oz - clear glass				
SB-18 0-20.0	240-213404-C-7	Soil jar 4oz - clear glass				
SB-18 0-20 0	240-213404-D-7	Soil jar 4oz - clear glass				
SB-18 0-20 0	240-213404-E-7	Soil jar 4oz - clear glass				
SB-18 0-20 0	240-213404-F-7	Soil jar 4oz - clear glass				
SB-18 0-20 0	240-213404-G-7	Soil jar 4oz - clear glass				
SB-4-8 0-10 0	240-213404-B-8	SnapCap 1/2 ounce unpreserved				
SB-4-8 0-10 0	240-213404-C-8	Soil jar 2oz - clear glass				
SB-4-8 0-10 0	240-213404-D-8	Soil jar 4oz - clear glass				
SB-4-8 0-10 0	240-213404-E-8	Soil jar 4oz - clear glass				
SB-4-8 0-10 0	240-213404-F-8	Soil jar 4oz - clear glass				
SB-4-8 0-10 0	240-213404-G-8	Soil jar 4oz - clear glass				
SB-4-8 0-10 0	240-213404-H-8	Soil jar 4oz - clear glass				
SB-4-16 0-18 0	240-213404-A-9	SnapCap 1/2 ounce unpreserved				
SB-4-16 0-18 0	240-213404-B-9	Soil jar 2oz - clear glass				
SB-4-16.0-18 0	240-213404-C-9	Soil jar 4oz - clear glass				
SB-4-16 0-18 0	240-213404-D-9	Soil jar 4oz - clear glass				
SB-4-16 0-18 0	240-213404-E-9	Soil jar 4oz - clear glass				
SB-4-16 0-18 0	240-213404-F-9	Soil jar 4oz - clear glass				
SB-4-16 0-18 0	240-213404-G-9	Soil jar 4oz - clear glass				

Chain of Custody Record 728913

eurofins | Environment Testing America

Address: _____

Regulatory Program: ☐ DW ☐ NPDES ☐ RCRA ☐ Other: 2r

TAL-8210

Client Contact	Project Manager: Kain Lager-Lowe	Site Contact:	Date:	COC No:
Company Name: AME	Tel/Email: 740-548-1515	Lab Contact:	Carrier:	____ of ____ COCs
Address: 7830 N. Central Dr. Ste B	Analysis Turnaround Time			Sampler:
City/State/Zip: Lewis Center OH, 43035	☐ CALENDAR DAYS ☐ WORKING DAYS			For Lab Use Only:
Phone: 740-548-1515	TAT if different from Below ____			Walk-in Client:
Fax:	☐ 2 weeks			Lab Sampling:
Project Name:	☐ 1 week			
Site: MSC Canfield	☐ 2 days			Job / SDG No.:
PO# JY2380	☐ 1 day			

Sample Identification	Sample Date	Sample Time	Sample Type (C=Comp, G=Grab)	Matrix	# of Cont.	Filtered Sample (Y/N)	Perform MS / MSD (Y/N)	8260D-VO	8270E-SVOCS	8082A-PCBS	6010D,747 B-RCRS, Lu	9012B-Tot. Cn	7196A-Cr6	1677-Free Cn	Sample Specific Notes:
~~SB-12.0-14~~ SB-8-12.0-14.0	10/17/24	1556	G	Solid	6	N	N	X	X	X	X	X	X	X	
SB-8-20.0-22.0	10/17/24	1605	G	Solid	6	N	N	X	X	X	X	X	X	X	
SB-DUP-3	10/17/24	/	G	Solid	6	N	N	X	X	X	X	X	X	X	
TB-11-20241017	10/17/24	/	G	Water	1	N	N	X	X	X	X	X	X	X	
SB-6-8.0-10.0	10/18/24	0840	G	Solid	6	N	N	X	X	X	X	X	X	X	
SB-6-12.0-14.0	10/18/24	0845	G	Solid	6	N	N	X	X	X	X	X	X	X	
SB-6-18.0-20.0	10/18/24	0852	G	Solid	6	N	N	X	X	X	X	X	X	X	
SB-4-8.0-10.0	10/18/24	1102	G	Solid	6	N	N	X	X	X	X	X	X	X	
SB-4-16.0-18.0	10/18/24	1111	G	Solid	6	N	N	X	X	X	X	X	X	X	

24 -213404 COC

Preservation Used: 1= Ice, 2= HCl; 3= H2SO4; 4=HNO3; 5=NaOH; 6= Other _____

Possible Hazard Identification:
Are any samples from a listed EPA Hazardous Waste? Please List any EPA Waste Codes for the sample in the Comments Section if the lab is to dispose of the sample.

☐ Non-Hazard ☐ Flammable ☐ Skin Irritant ☐ Poison B ☐ Unknown

Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)

☐ Return to Client ☐ Disposal by Lab ☐ Archive for _____ Months

Special Instructions/QC Requirements & Comments:

Custody Seals Intact: ☐ Yes ☐ No | Custody Seal No.: | Cooler Temp. (°C): Obs'd: _____ Corr'd: _____ Therm ID No.: _____

Relinquished by:	Company:	Date/Time:	Received by:	Company:	Date/Time:
Nathan Byrd	AME	10/18/24 1455	[signature]	EUR	10/18/24 1453
[signature]	EUR	10/18/24 1600	[signature]	Euro	10/18/24 1600
			Received in Laboratory by:		

Eurofins – Cleveland Sample Receipt Form/Narrative **Login # :** _____
Barberton Facility

Client AMG Site Name _____ Cooler unpacked by: TF

Cooler Received on ~~10/19/24~~ 10/18/24 Opened on 10/19/24

FedEx. 1st Grd Exp UPS FAS Waypoint (Client Drop Off) Eurofins Courier Other _____

Receipt After-hours Drop-off Date/Time _____ Storage Location _____

Eurofins Cooler # EC Foam Box Client Cooler Box Other _____

Packing material used. (Bubble Wrap) Foam Plastic Bag None Other _____

COOLANT (Wet Ice) Blue Ice Dry Ice Water None

1 Cooler temperature upon receipt ☐ See Multiple Cooler Form

IR GUN # 18 (CF -0.3 °C) Observed Cooler Temp. 5.1 °C Corrected Cooler Temp 4.8 °C

2. Were tamper/custody seals on the outside of the cooler(s)? If Yes Quantity_____	Yes (No)	**Tests that are not checked for pH by Receiving:**
-Were the seals on the outside of the cooler(s) signed & dated?	Yes No (NA)	
-Were tamper/custody seals on the bottle(s) or bottle kits (LLHg/MeHg)?	Yes (No)	**VOAs**
-Were tamper/custody seals intact and uncompromised?	Yes No (NA)	**Oil and Grease**
3 Shippers' packing slip attached to the cooler(s)?	Yes (No)	**TOC**
4. Did custody papers accompany the sample(s)?	(Yes) No	
5 Were the custody papers relinquished & signed in the appropriate place?	(Yes) No	
6 Was/were the person(s) who collected the samples clearly identified on the COC?	Yes (No)	
7 Did all bottles arrive in good condition (Unbroken)?	(Yes) No	
8 Could all bottle labels (ID/Date/Time) be reconciled with the COC?	Yes (No)	
9 For each sample, does the COC specify preservatives (Y/N), # of containers (Y/N), and sample type of grab/comp(Y/N)?		
10 Were correct bottle(s) used for the test(s) indicated?	(Yes) No	
11 Sufficient quantity received to perform indicated analyses?	(Yes) No	
12 Are these work share samples and all listed on the COC?	Yes (No)	
If yes, Questions 13-17 have been checked at the originating laboratory		
13 Were all preserved sample(s) at the correct pH upon receipt?	Yes No (NA)	pH Strip Lot# HC447997
14 Were VOAs on the COC?	Yes (No)	
15 Were air bubbles >6 mm in any VOA vials? ● ⬅ Larger than this	Yes No (NA)	
16. Was a VOA trip blank present in the cooler(s)? Trip Blank Lot #_____	Yes (No)	
17 Was a LL Hg or Me Hg trip blank present? _____	Yes (No)	

Contacted PM _____ Date _____ by _____ via Verbal Voice Mail Other

Concerning _____

18. CHAIN OF CUSTODY & SAMPLE DISCREPANCIES ☐ additional next page | Samples processed by:

Did not recieve TB-11-20241017

19 SAMPLE CONDITION

Sample(s) _____ were received after the recommended holding time had expired

Sample(s) _____ were received in a broken container

Sample(s) _____ were received with bubble >6 mm in diameter (Notify PM)

20. SAMPLE PRESERVATION

Sample(s) _____ were further preserved in the laboratory

Time preserved. _____ Preservative(s) added/Lot number(s). _____

VOA Sample Preservation - Date/Time VOAs Frozen _____

10/19/2024

Login Container Summary Report

240-213404

11/12/2024

Temperature readings _____

Client Sample ID	Lab ID	Container Type	Container pH	Container Temp	Preservation Added	Preservation Lot Number
SB-8-12 0-14 0	240-213404-A-1	SnapCap 1/2 ounce unpreserved				
SB-8-12 0-14 0	240-213404-B-1	Soil jar 2oz - clear glass				
SB-8-12 0-14 0	240-213404-C-1	Soil jar 4oz - clear glass				
SB-8-12 0-14 0	240-213404-D-1	Soil jar 4oz - clear glass				
SB-8-12 0-14 0	240-213404-E-1	Soil jar 4oz - clear glass				
SB-8-12 0-14.0	240-213404-F-1	Soil jar 4oz - clear glass				
SB-8-12.0-14.0	240-213404-G-1	Soil jar 4oz - clear glass				
SB-8-20 0-22 0	240-213404-A-2	SnapCap 1/2 ounce unpreserved				
SB-8-20 0-22 0	240-213404-B-2	Soil jar 2oz - clear glass				
SB-8-20 0-22 0	240-213404-C-2	Soil jar 4oz - clear glass				
SB-8-20 0-22 0	240-213404-D-2	Soil jar 4oz - clear glass				
SB-8-20 0-22 0	240-213404-E-2	Soil jar 4oz - clear glass				
SB-8-20 0-22 0	240-213404-F-2	Soil jar 4oz - clear glass				
SB-8-20 0-22 0	240-213404-G-2	Soil jar 4oz - clear glass				
SB-DUP-3	240-213404-A-3	SnapCap 1/2 ounce unpreserved				
SB-DUP-3	240-213404-B-3	Soil jar 2oz - clear glass				
SB-DUP-3	240-213404-C-3	Soil jar 4oz - clear glass				
SB-DUP-3	240-213404-D-3	Soil jar 4oz - clear glass				
SB-DUP-3	240-213404-E-3	Soil jar 4oz - clear glass				
SB-DUP-3	240-213404-F-3	Soil jar 4oz - clear glass				
SB-DUP-3	240-213404-G-3	Soil jar 4oz - clear glass				
TB-11-20241017	240-213404-H-4	Voa Vial 40ml - Hydrochloric Acid				
SB-6-8 0-10 0	240-213404-A-5	SnapCap 1/2 ounce unpreserved				
SB-6-8 0-10 0	240-213404-B-5	Soil jar 2oz - clear glass				
SB-6-8 0-10 0	240-213404-C-5	Soil jar 4oz - clear glass				
SB-6-8 0-10 0	240-213404-D-5	Soil jar 4oz - clear glass				
SB-6-8 0-10 0	240-213404-E-5	Soil jar 4oz - clear glass				
SB-6-8 0-10 0	240-213404-F-5	Soil jar 4oz - clear glass				
SB-6-8 0-10 0	240-213404-G-5	Soil jar 4oz - clear glass				
SB-6-12 0-14 0	240-213404-A-6	SnapCap 1/2 ounce unpreserved				
SB-6-12 0-14 0	240-213404-B-6	Soil jar 2oz - clear glass				
SB-6-12 0-14 0	240-213404-C-6	Soil jar 4oz - clear glass				
SB-6-12 0-14 0	240-213404-D-6	Soil jar 4oz - clear glass				
SB-6-12 0-14 0	240-213404-E-6	Soil jar 4oz - clear glass				
SB-6-12 0-14 0	240-213404-F-6	Soil jar 4oz - clear glass				

Client Sample ID	Lab ID	Container Type	Container pH	Container Temp	Preservation Added	Preservation Lot Number
SB-6-12 0-14 0	240-213404-G-6	Soil jar 4oz - clear glass				
SB-18 0-20 0	240-213404-A-7	SnapCap 1/2 ounce unpreserved				
SB-18 0-20 0	240-213404-B-7	Soil jar 2oz - clear glass				
SB-18 0-20 0	240-213404-C-7	Soil jar 4oz - clear glass				
SB-18 0-20 0	240-213404-D-7	Soil jar 4oz - clear glass				
SB-18 0-20 0	240-213404-E-7	Soil jar 4oz - clear glass				
SB-18 0-20 0	240-213404-F-7	Soil jar 4oz - clear glass				
SB-18 0-20 0	240-213404-G-7	Soil jar 4oz - clear glass				
SB-4-8 0-10 0	240-213404-B-8	SnapCap 1/2 ounce unpreserved				
SB-4-8 0-10 0	240-213404-C-8	Soil jar 2oz - clear glass				
SB-4-8 0-10 0	240-213404-D-8	Soil jar 4oz - clear glass				
SB-4-8 0-10 0	240-213404-E-8	Soil jar 4oz - clear glass				
SB-4-8 0-10 0	240-213404-F-8	Soil jar 4oz - clear glass				
SB-4-8 0-10 0	240-213404-G-8	Soil jar 4oz - clear glass				
SB-4-8 0-10 0	240-213404-H-8	Soil jar 4oz - clear glass				
SB-4-16 0-18 0	240-213404-A-9	SnapCap 1/2 ounce unpreserved				
SB-4-16 0-18 0	240-213404-B-9	Soil jar 2oz - clear glass				
SB-4-16 0-18 0	240-213404-C-9	Soil jar 4oz - clear glass				
SB-4-16 0-18 0	240-213404-D-9	Soil jar 4oz - clear glass				
SB-4-16 0-18 0	240-213404-E-9	Soil jar 4oz - clear glass				
SB-4-16 0-18 0	240-213404-F-9	Soil jar 4oz - clear glass				
SB-4-16 0-18 0	240-213404-G-9	Soil jar 4oz - clear glass				

Eurofins Cleveland
180 S. Van Buren Avenue
Barberton, OH 44203
Phone: 330-497-9396 Fax: 330-497-0772

Chain of Custody Record

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Client Information (Sub Contract Lab)	Sampler: N/A	Lab PM: Kalis, Nicole A	Carrier Tracking No(s): N/A	COC No: 240-192440.1
Client Contact: Shipping/Receiving	Phone: N/A	E-Mail: Nicole.Kalis@et.eurofinsus.com	State of Origin: Ohio	Page: Page 1 of 1
Company: Eurofins Lancaster Laboratories Environm		Accreditations Required (See note): N/A		Job #: 240-213404-1
Address: 2425 New Holland Pike, ,	Due Date Requested: 10/31/2024			Preservation Codes: -
City: Lancaster	TAT Requested (days): N/A			
State, Zip: PA, 17601				
Phone: 717-656-2300(Tel)	PO #: N/A			
Email: N/A	WO #: N/A			
Project Name: MSC Canfield	Project #: 24033889			
Site: N/A	SSOW#: N/A			Other: N/A

Sample Identification - Client ID (Lab ID)	Sample Date	Sample Time	Sample Type (C=Comp, G=grab)	Matrix (W=water, S=solid, O=waste/oil, BT=Tissue, A=Air)	Field Filtered Sample (Yes or No)	Perform MS/MSD (Yes or No)	1677_Free/ASTM_LEACH_NP Cyanide, Free	7196A/3060A Chromium, Hexavalent	Total Number of containers	Special Instructions/Note:
			Preservation Code:							
SB-8-12.0-14.0 (240-213404-1)	10/17/24	15:56 Eastern	G	Solid			X	X	2	Use caution! Site contaminated with solvent waste
SB-8-20.0-22.0 (240-213404-2)	10/17/24	16:05 Eastern	G	Solid			X	X	2	Use caution! Site contaminated with solvent waste
SB-DUP-3 (240-213404-3)	10/17/24	Eastern	G	Solid			X	X	2	Use caution! Site contaminated with solvent waste
SB-6-8.0-10.0 (240-213404-5)	10/18/24	08:40 Eastern	G	Solid			X	X	2	Use caution! Site contaminated with solvent waste
SB-6-12.0-14.0 (240-213404-6)	10/18/24	08:45 Eastern	G	Solid			X	X	2	Use caution! Site contaminated with solvent waste
SB-6-18.0-20.0 (240-213404-7)	10/18/24	08:52 Eastern	G	Solid			X	X	2	Use caution! Site contaminated with solvent waste
SB-4-8.0-10.0 (240-213404-8)	10/18/24	11:02 Eastern	G	Solid			X	X	2	Use caution! Site contaminated with solvent waste
SB-4-16.0-18.0 (240-213404-9)	10/18/24	11:11 Eastern	G	Solid			X	X	2	Use caution! Site contaminated with solvent waste

Note: Since laboratory accreditations are subject to change, Eurofins Environment Testing North Central, LLC places the ownership of method, analyte & accreditation compliance upon our subcontract laboratories. This sample shipment is forwarded under chain-of-custody. If the laboratory does not currently maintain accreditation in the State of Origin listed above for analysis/tests/matrix being analyzed, the samples must be shipped back to the Eurofins Environment Testing North Central, LLC laboratory or other instructions will be provided. Any changes to accreditation status should be brought to Eurofins Environment Testing North Central, LLC attention immediately. If all requested accreditations are current to date, return the signed Chain of Custody attesting to said compliance to Eurofins Environment Testing North Central, LLC.

Possible Hazard Identification	*Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)*
Unconfirmed	☐ *Return To Client* ☐ *Disposal By Lab* ☐ *Archive For* _____ *Months*
Deliverable Requested: I, II, III, IV, Other (specify) Primary Deliverable Rank: 2	Special Instructions/QC Requirements:

Empty Kit Relinquished by:	Date:	Time:	Method of Shipment:

Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company
MALISSA LOAR	10/21/24				
Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company
Relinquished by:	Date/Time:	Company	Received by:	Date/Time: 10/22/24 1012	Company ELLET

Custody Seals Intact: Δ Yes Δ No	Custody Seal No.:	Cooler Temperature(s) °C and Other Remarks: R:3.7 C:3.5

Ver: 10/10/2024

Login Sample Receipt Checklist

Client: August Mack Environmental, Inc.

Job Number: 240-213404-1

Login Number: 213404
List Number: 2
Creator: Santiago, Nathaniel

List Source: Eurofins Lancaster Laboratories Environment Testing, LLC
List Creation: 10/22/24 11:40 AM

Question	Answer	Comment
The cooler's custody seal is intact.	N/A	
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	True	
Cooler Temperature acceptable,where thermal pres is required(</=6C, not frozen).	True	
Cooler Temperature is recorded.	True	
WV:Container Temp acceptable,where thermal pres is required (</=6C, not frozen).	N/A	
WV: Container Temperature is recorded.	N/A	
COC is present.	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information.	True	
There are no discrepancies between the containers received and the COC.	True	
Sample containers have legible labels.	True	
Containers are not broken or leaking.	True	
Sample collection date/times are provided.	True	
Appropriate sample containers are used.	True	
Sample bottles are completely filled.	True	
There is sufficient vol. for all requested analyses.	True	
Is the Field Sampler's name present on COC?	False	Received project as a subcontract.
Sample custody seals are intact.	N/A	
VOA sample vials do not have headspace >6mm in diameter (none, if from WV)?	N/A	

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ANALYTICAL REPORT

PREPARED FOR

Attn: Kain Lager-Lowe
August Mack Environmental, Inc.
7830 North Central Drive, Suite B
Lewis Center, Ohio 43035

Generated 11/6/2024 5:09:03 PM

JOB DESCRIPTION

MSC Canfield - Soil

JOB NUMBER

240-213441-1

Eurofins Cleveland
180 S. Van Buren Avenue
Barberton OH 44203

See page two for job notes and contact information.

my EOL

Job Notes

This report may not be reproduced except in full, and with written approval from the laboratory. The results relate only to the samples tested. For questions please contact the Project Manager at the e-mail address or telephone number listed on this page.

The test results in this report relate only to the samples as received by the laboratory and will meet all requirements of the methodology, with any exceptions noted. This report shall not be reproduced except in full, without the express written approval of the laboratory. All questions should be directed to the Eurofins Environment Testing North Central, LLC Project Manager.

Authorization



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11/6/2024 5:09:03 PM

Authorized for release by
Nicole Kalis, Project Manager I
Nicole.Kalis@et.eurofinsus.com
(330)497-9396

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Definitions/Glossary

Client: August Mack Environmental, Inc. Job ID: 240-213441-1
Project/Site: MSC Canfield - Soil

Qualifiers

GC/MS Semi VOA

Qualifier	Qualifier Description
B	Compound was found in the blank and sample.
J	Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.

Metals

Qualifier	Qualifier Description
J	Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.

General Chemistry

Qualifier	Qualifier Description
J	Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.

Glossary

Abbreviation	These commonly used abbreviations may or may not be present in this report.
☼	Listed under the "D" column to designate that the result is reported on a dry weight basis
%R	Percent Recovery
CFL	Contains Free Liquid
CFU	Colony Forming Unit
CNF	Contains No Free Liquid
DER	Duplicate Error Ratio (normalized absolute difference)
Dil Fac	Dilution Factor
DL	Detection Limit (DoD/DOE)
DL, RA, RE, IN	Indicates a Dilution, Re-analysis, Re-extraction, or additional Initial metals/anion analysis of the sample
DLC	Decision Level Concentration (Radiochemistry)
EDL	Estimated Detection Limit (Dioxin)
LOD	Limit of Detection (DoD/DOE)
LOQ	Limit of Quantitation (DoD/DOE)
MCL	EPA recommended "Maximum Contaminant Level"
MDA	Minimum Detectable Activity (Radiochemistry)
MDC	Minimum Detectable Concentration (Radiochemistry)
MDL	Method Detection Limit
ML	Minimum Level (Dioxin)
MPN	Most Probable Number
MQL	Method Quantitation Limit
NC	Not Calculated
ND	Not Detected at the reporting limit (or MDL or EDL if shown)
NEG	Negative / Absent
POS	Positive / Present
PQL	Practical Quantitation Limit
PRES	Presumptive
QC	Quality Control
RER	Relative Error Ratio (Radiochemistry)
RL	Reporting Limit or Requested Limit (Radiochemistry)
RPD	Relative Percent Difference, a measure of the relative difference between two points
TEF	Toxicity Equivalent Factor (Dioxin)
TEQ	Toxicity Equivalent Quotient (Dioxin)
TNTC	Too Numerous To Count

Job ID: 240-213441-1 Eurofins Cleveland

Job Narrative
240-213441-1

Analytical test results meet all requirements of the associated regulatory program listed on the Accreditation/Certification Summary Page unless otherwise noted under the individual analysis. Data qualifiers and/or narrative comments are included to explain any exceptions, if applicable.

- Matrix QC may not be reported if insufficient sample is provided or site-specific QC samples were not submitted. In these situations, to demonstrate precision and accuracy at a batch level, a LCS/LCSD may be performed, unless otherwise specified in the method.
- Surrogate and/or isotope dilution analyte recoveries (if applicable) which are outside of the QC window are confirmed unless attributed to a dilution or otherwise noted in the narrative.

Regulated compliance samples (e.g. SDWA, NPDES) must comply with the associated agency requirements/permits.

Receipt
The samples were received on 10/21/2024 4:22 PM. Unless otherwise noted below, the samples arrived in good condition, and, where required, properly preserved and on ice. The temperatures of the 4 coolers at receipt time were 1.3°C, 1.4°C, 2.3°C and 4.8°C.

GC/MS VOA
Method 8260D: The continuing calibration verification (CCV) analyzed in batch 240-632868 was outside the method criteria for the following analyte(s): Chloroethane, Chloromethane, Dichlorodifluoromethane and Vinyl chloride. A CCV standard at or below the reporting limit (RL) was analyzed with the affected samples and found to be acceptable. As indicated in the reference method, sample analysis may proceed; however, any detection for the affected analyte(s) is considered estimated.

Method 8260D: The continuing calibration verification (CCV) associated with batch 240-632210 recovered above the upper control limit for 1,1,2-Trichloro-1,2,2-trifluoroethane. The samples associated with this CCV were non-detects for the affected analytes; therefore, the data have been reported.

No additional analytical or quality issues were noted, other than those described above or in the Definitions/ Glossary page.

GC/MS Semi VOA
No additional analytical or quality issues were noted, other than those described above or in the Definitions/ Glossary page.

PCBs
Method 8082A: The following samples required a tetrabutylammonium sulfite (TBA) clean-up to reduce matrix interferences caused by sulfur: SB-1-18-20 (240-213441-2), SB-2-10-12 (240-213441-4), (LCS 240-632121/2-A) and (MB 240-632121/1-A).

No additional analytical or quality issues were noted, other than those described above or in the Definitions/ Glossary page.

Metals
No additional analytical or quality issues were noted, other than those described above or in the Definitions/ Glossary page.

General Chemistry
Method 7196A: The matrix spike soluble/matrix spike insoluble (MSS/MSI) recoveries for batch were outside control limits due to sample matrix. The associated laboratory control sample (LCSS/LCSI) recoveries met acceptance criteria.

No additional analytical or quality issues were noted, other than those described above or in the Definitions/ Glossary page.

Method Summary

Client: August Mack Environmental, Inc.
Job ID: 240-213441-1
Project/Site: MSC Canfield - Soil

Method	Method Description	Protocol	Laboratory
8260D	Volatile Organic Compounds by GC/MS	SW846	EET CLE
8270E	Semivolatile Organic Compounds (GC/MS)	SW846	EET CLE
8082A	Polychlorinated Biphenyls (PCBs) by Gas Chromatography	SW846	EET CLE
6010D	Metals (ICP)	SW846	EET CLE
7471B	Mercury (CVAA)	SW846	EET CLE
7196A	Chromium, Hexavalent	SW846	ELLE
9012B	Cyanide, Total andor Amenable	SW846	EET CLE
Moisture	Percent Moisture	EPA	EET CLE
OIA-1677	Cyanide, Free (Flow Injection)	OI CORP	ELLE
3050B	Preparation, Metals	SW846	EET CLE
3060A	Alkaline Digestion (Chromium, Hexavalent)	SW846	ELLE
3546	Microwave Extraction	SW846	EET CLE
5030C	Purge and Trap	SW846	EET CLE
7471B	Preparation, Mercury	SW846	EET CLE
9012B	Cyanide, Total and/or Amenable, Distillation	SW846	EET CLE
D3987-85	ASTM Leaching Procedure	ASTM	ELLE

Protocol References:

ASTM = ASTM International

EPA = US Environmental Protection Agency

OI CORP = OI Corporation Instrument Manual.

SW846 = "Test Methods For Evaluating Solid Waste, Physical/Chemical Methods", Third Edition, November 1986 And Its Updates.

Laboratory References:

EET CLE = Eurofins Cleveland, 180 S. Van Buren Avenue, Barberton, OH 44203, TEL (330)497-9396

ELLE = Eurofins Lancaster Laboratories Environment Testing, LLC, 2425 New Holland Pike, Lancaster, PA 17601, TEL (717)656-2300

Sample Summary

Client: August Mack Environmental, Inc.
Project/Site: MSC Canfield - Soil

Job ID: 240-213441-1

Lab Sample ID	Client Sample ID	Matrix	Collected	Received
240-213441-1	SB-1-4-6	Solid	10/18/24 14:20	10/21/24 16:22
240-213441-2	SB-1-18-20	Solid	10/18/24 14:36	10/21/24 16:22
240-213441-3	SB-2-6-8	Solid	10/21/24 09:54	10/21/24 16:22
240-213441-4	SB-2-10-12	Solid	10/21/24 10:05	10/21/24 16:22
240-213441-5	SB-2-16-18	Solid	10/21/24 10:10	10/21/24 16:22
240-213441-6	TB-13-20241018	Water	10/18/24 00:00	10/21/24 16:22

Detection Summary

Client: August Mack Environmental, Inc.
Project/Site: MSC Canfield - Soil

Job ID: 240-213441-1

Client Sample ID: SB-1-4-6 — Lab Sample ID: 240-213441-1

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Bis(2-ethylhexyl) phthalate	150	J B	170	65	ug/Kg	1	☼	8270E	Total/NA
Arsenic	13		1.6	0.35	mg/Kg	1	☼	6010D	Total/NA
Barium	45		22	0.14	mg/Kg	1	☼	6010D	Total/NA
Cadmium	0.11	J	0.55	0.052	mg/Kg	1	☼	6010D	Total/NA
Chromium	12		1.1	0.37	mg/Kg	1	☼	6010D	Total/NA
Copper	17		2.7	0.77	mg/Kg	1	☼	6010D	Total/NA
Lead	9.6		1.1	0.31	mg/Kg	1	☼	6010D	Total/NA
Zinc	79		5.5	4.0	mg/Kg	1	☼	6010D	Total/NA

Client Sample ID: SB-1-18-20 — Lab Sample ID: 240-213441-2

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Bis(2-ethylhexyl) phthalate	110	J B	170	63	ug/Kg	1	☼	8270E	Total/NA
Arsenic	14		1.2	0.24	mg/Kg	1	☼	6010D	Total/NA
Barium	17		15	0.097	mg/Kg	1	☼	6010D	Total/NA
Cadmium	0.091	J	0.39	0.037	mg/Kg	1	☼	6010D	Total/NA
Chromium	9.2		0.77	0.26	mg/Kg	1	☼	6010D	Total/NA
Copper	18		1.9	0.54	mg/Kg	1	☼	6010D	Total/NA
Lead	8.4		0.77	0.22	mg/Kg	1	☼	6010D	Total/NA
Zinc	74		3.9	2.8	mg/Kg	1	☼	6010D	Total/NA

Client Sample ID: SB-2-6-8 — Lab Sample ID: 240-213441-3

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Bis(2-ethylhexyl) phthalate	83	J B	170	64	ug/Kg	1	☼	8270E	Total/NA
Arsenic	13		1.4	0.29	mg/Kg	1	☼	6010D	Total/NA
Barium	32		18	0.11	mg/Kg	1	☼	6010D	Total/NA
Cadmium	0.081	J	0.45	0.044	mg/Kg	1	☼	6010D	Total/NA
Chromium	11		0.91	0.31	mg/Kg	1	☼	6010D	Total/NA
Copper	17		2.3	0.64	mg/Kg	1	☼	6010D	Total/NA
Lead	11		0.91	0.26	mg/Kg	1	☼	6010D	Total/NA
Zinc	59		4.5	3.3	mg/Kg	1	☼	6010D	Total/NA
Cyanide, Free	0.0058	J	0.0060	0.0050	mg/L	1		OIA-1677	ASTM Leach

Client Sample ID: SB-2-10-12 — Lab Sample ID: 240-213441-4

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Bis(2-ethylhexyl) phthalate	81	J B	170	65	ug/Kg	1	☼	8270E	Total/NA
Arsenic	13		1.7	0.35	mg/Kg	1	☼	6010D	Total/NA
Barium	33		22	0.14	mg/Kg	1	☼	6010D	Total/NA
Cadmium	0.090	J	0.56	0.053	mg/Kg	1	☼	6010D	Total/NA
Chromium	13		1.1	0.38	mg/Kg	1	☼	6010D	Total/NA
Copper	17		2.8	0.78	mg/Kg	1	☼	6010D	Total/NA
Lead	9.7		1.1	0.31	mg/Kg	1	☼	6010D	Total/NA
Zinc	60		5.6	4.0	mg/Kg	1	☼	6010D	Total/NA
Cyanide, Free	0.020		0.0060	0.0050	mg/L	1		OIA-1677	ASTM Leach

Client Sample ID: SB-2-16-18 — Lab Sample ID: 240-213441-5

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Bis(2-ethylhexyl) phthalate	160	J B	180	69	ug/Kg	1	☼	8270E	Total/NA
Arsenic	17		1.6	0.33	mg/Kg	1	☼	6010D	Total/NA
Barium	14	J	21	0.13	mg/Kg	1	☼	6010D	Total/NA

This Detection Summary does not include radiochemical test results.

Eurofins Cleveland

Client Sample ID: SB-2-16-18 (Continued)
Lab Sample ID: 240-213441-5

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Cadmium	0.069	J	0.52	0.050	mg/Kg	1	☼	6010D	Total/NA
Chromium	12		1.0	0.36	mg/Kg	1	☼	6010D	Total/NA
Copper	17		2.6	0.73	mg/Kg	1	☼	6010D	Total/NA
Lead	8.4		1.0	0.29	mg/Kg	1	☼	6010D	Total/NA
Zinc	54		5.2	3.8	mg/Kg	1	☼	6010D	Total/NA

Client Sample ID: TB-13-20241018
Lab Sample ID: 240-213441-6

No Detections.

This Detection Summary does not include radiochemical test results.

Client: August Mack Environmental, Inc.
Project/Site: MSC Canfield - Soil

Job ID: 240-213441-1

Client Sample ID: SB-1-4-6
Date Collected: 10/18/24 14:20
Date Received: 10/21/24 16:22

Lab Sample ID: 240-213441-1
Matrix: Solid
Percent Solids: 87.2

Method: SW846 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		5.3	1.9	ug/Kg	☼	10/24/24 11:19	10/24/24 13:17	1
1,1,2,2-Tetrachloroethane	ND		5.3	1.5	ug/Kg	☼	10/24/24 11:19	10/24/24 13:17	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		5.3	1.4	ug/Kg	☼	10/24/24 11:19	10/24/24 13:17	1
1,1,2-Trichloroethane	ND		5.3	1.2	ug/Kg	☼	10/24/24 11:19	10/24/24 13:17	1
1,1-Dichloroethane	ND		5.3	1.5	ug/Kg	☼	10/24/24 11:19	10/24/24 13:17	1
1,1-Dichloroethene	ND		5.3	1.9	ug/Kg	☼	10/24/24 11:19	10/24/24 13:17	1
1,2,4-Trichlorobenzene	ND		5.3	2.7	ug/Kg	☼	10/24/24 11:19	10/24/24 13:17	1
1,2-Dibromo-3-Chloropropane	ND		11	3.9	ug/Kg	☼	10/24/24 11:19	10/24/24 13:17	1
Ethylene Dibromide	ND		5.3	1.8	ug/Kg	☼	10/24/24 11:19	10/24/24 13:17	1
1,2-Dichlorobenzene	ND		5.3	1.2	ug/Kg	☼	10/24/24 11:19	10/24/24 13:17	1
1,2-Dichloroethane	ND		5.3	1.9	ug/Kg	☼	10/24/24 11:19	10/24/24 13:17	1
1,2-Dichloropropane	ND		5.3	0.91	ug/Kg	☼	10/24/24 11:19	10/24/24 13:17	1
1,3-Dichlorobenzene	ND		5.3	1.8	ug/Kg	☼	10/24/24 11:19	10/24/24 13:17	1
1,4-Dichlorobenzene	ND		5.3	0.94	ug/Kg	☼	10/24/24 11:19	10/24/24 13:17	1
2-Butanone (MEK)	ND		21	3.8	ug/Kg	☼	10/24/24 11:19	10/24/24 13:17	1
2-Hexanone	ND		21	4.4	ug/Kg	☼	10/24/24 11:19	10/24/24 13:17	1
4-Methyl-2-pentanone (MIBK)	ND		21	4.0	ug/Kg	☼	10/24/24 11:19	10/24/24 13:17	1
Acetone	ND		27	22	ug/Kg	☼	10/24/24 11:19	10/24/24 13:17	1
Benzene	ND		5.3	1.6	ug/Kg	☼	10/24/24 11:19	10/24/24 13:17	1
Dichlorobromomethane	ND		5.3	1.6	ug/Kg	☼	10/24/24 11:19	10/24/24 13:17	1
Bromoform	ND		5.3	2.6	ug/Kg	☼	10/24/24 11:19	10/24/24 13:17	1
Bromomethane	ND		5.3	4.4	ug/Kg	☼	10/24/24 11:19	10/24/24 13:17	1
Carbon disulfide	ND		5.3	1.2	ug/Kg	☼	10/24/24 11:19	10/24/24 13:17	1
Carbon tetrachloride	ND		5.3	3.5	ug/Kg	☼	10/24/24 11:19	10/24/24 13:17	1
Chlorobenzene	ND		5.3	0.98	ug/Kg	☼	10/24/24 11:19	10/24/24 13:17	1
Chloroethane	ND		5.3	2.9	ug/Kg	☼	10/24/24 11:19	10/24/24 13:17	1
Chloroform	ND		5.3	1.9	ug/Kg	☼	10/24/24 11:19	10/24/24 13:17	1
Chloromethane	ND		5.3	2.4	ug/Kg	☼	10/24/24 11:19	10/24/24 13:17	1
cis-1,2-Dichloroethene	ND		5.3	1.6	ug/Kg	☼	10/24/24 11:19	10/24/24 13:17	1
cis-1,3-Dichloropropene	ND		5.3	3.1	ug/Kg	☼	10/24/24 11:19	10/24/24 13:17	1
Cyclohexane	ND		11	1.5	ug/Kg	☼	10/24/24 11:19	10/24/24 13:17	1
Chlorodibromomethane	ND		5.3	3.0	ug/Kg	☼	10/24/24 11:19	10/24/24 13:17	1
Dichlorodifluoromethane	ND		5.3	2.4	ug/Kg	☼	10/24/24 11:19	10/24/24 13:17	1
Ethylbenzene	ND		5.3	1.1	ug/Kg	☼	10/24/24 11:19	10/24/24 13:17	1
Isopropylbenzene	ND		5.3	2.1	ug/Kg	☼	10/24/24 11:19	10/24/24 13:17	1
Methyl acetate	ND		27	3.6	ug/Kg	☼	10/24/24 11:19	10/24/24 13:17	1
Methyl tert-butyl ether	ND		5.3	2.1	ug/Kg	☼	10/24/24 11:19	10/24/24 13:17	1
Methylcyclohexane	ND		11	1.3	ug/Kg	☼	10/24/24 11:19	10/24/24 13:17	1
Methylene Chloride	ND		27	13	ug/Kg	☼	10/24/24 11:19	10/24/24 13:17	1
Styrene	ND		5.3	1.2	ug/Kg	☼	10/24/24 11:19	10/24/24 13:17	1
Tetrachloroethene	ND		5.3	2.1	ug/Kg	☼	10/24/24 11:19	10/24/24 13:17	1
Toluene	ND		5.3	0.83	ug/Kg	☼	10/24/24 11:19	10/24/24 13:17	1
trans-1,2-Dichloroethene	ND		5.3	1.5	ug/Kg	☼	10/24/24 11:19	10/24/24 13:17	1
trans-1,3-Dichloropropene	ND		5.3	1.9	ug/Kg	☼	10/24/24 11:19	10/24/24 13:17	1
Trichloroethene	ND		5.3	1.5	ug/Kg	☼	10/24/24 11:19	10/24/24 13:17	1
Trichlorofluoromethane	ND		5.3	2.9	ug/Kg	☼	10/24/24 11:19	10/24/24 13:17	1
Vinyl chloride	ND		5.3	1.9	ug/Kg	☼	10/24/24 11:19	10/24/24 13:17	1
Xylenes, Total	ND		11	1.7	ug/Kg	☼	10/24/24 11:19	10/24/24 13:17	1

Client: August Mack Environmental, Inc.
Project/Site: MSC Canfield - Soil

Job ID: 240-213441-1

Client Sample ID: SB-1-4-6
Date Collected: 10/18/24 14:20
Date Received: 10/21/24 16:22

Lab Sample ID: 240-213441-1
Matrix: Solid
Percent Solids: 87.2

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Toluene-d8 (Surr)	*99*		*56 - 125*	*10/24/24 11:19*	*10/24/24 13:17*	*1*
Dibromofluoromethane (Surr)	*98*		*41 - 138*	*10/24/24 11:19*	*10/24/24 13:17*	*1*
4-Bromofluorobenzene (Surr)	*89*		*41 - 143*	*10/24/24 11:19*	*10/24/24 13:17*	*1*
1,2-Dichloroethane-d4 (Surr)	*99*		*58 - 125*	*10/24/24 11:19*	*10/24/24 13:17*	*1*

Method: SW846 8270E - Semivolatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1'-Biphenyl	ND		120	32	ug/Kg	☼	10/24/24 08:36	10/25/24 16:37	1
bis (2-chloroisopropyl) ether	ND		120	30	ug/Kg	☼	10/24/24 08:36	10/25/24 16:37	1
2,4,5-Trichlorophenol	ND		170	38	ug/Kg	☼	10/24/24 08:36	10/25/24 16:37	1
2,4,6-Trichlorophenol	ND		170	34	ug/Kg	☼	10/24/24 08:36	10/25/24 16:37	1
2,4-Dichlorophenol	ND		170	31	ug/Kg	☼	10/24/24 08:36	10/25/24 16:37	1
2,4-Dimethylphenol	ND		170	42	ug/Kg	☼	10/24/24 08:36	10/25/24 16:37	1
2,4-Dinitrophenol	ND		380	200	ug/Kg	☼	10/24/24 08:36	10/25/24 16:37	1
2,4-Dinitrotoluene	ND		230	27	ug/Kg	☼	10/24/24 08:36	10/25/24 16:37	1
2,6-Dinitrotoluene	ND		230	42	ug/Kg	☼	10/24/24 08:36	10/25/24 16:37	1
2-Chloronaphthalene	ND		120	32	ug/Kg	☼	10/24/24 08:36	10/25/24 16:37	1
2-Chlorophenol	ND		120	30	ug/Kg	☼	10/24/24 08:36	10/25/24 16:37	1
2-Methylnaphthalene	ND		46	15	ug/Kg	☼	10/24/24 08:36	10/25/24 16:37	1
2-Methylphenol	ND		230	47	ug/Kg	☼	10/24/24 08:36	10/25/24 16:37	1
2-Nitroaniline	ND		230	44	ug/Kg	☼	10/24/24 08:36	10/25/24 16:37	1
2-Nitrophenol	ND		120	40	ug/Kg	☼	10/24/24 08:36	10/25/24 16:37	1
3,3'-Dichlorobenzidine	ND		170	110	ug/Kg	☼	10/24/24 08:36	10/25/24 16:37	1
3-Nitroaniline	ND		230	40	ug/Kg	☼	10/24/24 08:36	10/25/24 16:37	1
4,6-Dinitro-2-methylphenol	ND		380	120	ug/Kg	☼	10/24/24 08:36	10/25/24 16:37	1
4-Bromophenyl phenyl ether	ND		120	37	ug/Kg	☼	10/24/24 08:36	10/25/24 16:37	1
4-Chloro-3-methylphenol	ND		170	44	ug/Kg	☼	10/24/24 08:36	10/25/24 16:37	1
4-Chloroaniline	ND		170	18	ug/Kg	☼	10/24/24 08:36	10/25/24 16:37	1
4-Chlorophenyl phenyl ether	ND		120	32	ug/Kg	☼	10/24/24 08:36	10/25/24 16:37	1
4-Nitroaniline	ND		230	30	ug/Kg	☼	10/24/24 08:36	10/25/24 16:37	1
4-Nitrophenol	ND		380	100	ug/Kg	☼	10/24/24 08:36	10/25/24 16:37	1
Acenaphthene	ND		46	16	ug/Kg	☼	10/24/24 08:36	10/25/24 16:37	1
Acenaphthylene	ND		46	17	ug/Kg	☼	10/24/24 08:36	10/25/24 16:37	1
Acetophenone	ND		120	29	ug/Kg	☼	10/24/24 08:36	10/25/24 16:37	1
Anthracene	ND		46	14	ug/Kg	☼	10/24/24 08:36	10/25/24 16:37	1
Atrazine	ND		380	80	ug/Kg	☼	10/24/24 08:36	10/25/24 16:37	1
Benzaldehyde	ND		380	65	ug/Kg	☼	10/24/24 08:36	10/25/24 16:37	1
Benzo[a]anthracene	ND		46	17	ug/Kg	☼	10/24/24 08:36	10/25/24 16:37	1
Benzo[a]pyrene	ND		46	16	ug/Kg	☼	10/24/24 08:36	10/25/24 16:37	1
Benzo[b]fluoranthene	ND		46	14	ug/Kg	☼	10/24/24 08:36	10/25/24 16:37	1
Benzo[g,h,i]perylene	ND		46	31	ug/Kg	☼	10/24/24 08:36	10/25/24 16:37	1
Benzo[k]fluoranthene	ND		46	12	ug/Kg	☼	10/24/24 08:36	10/25/24 16:37	1
Bis(2-chloroethoxy)methane	ND		120	23	ug/Kg	☼	10/24/24 08:36	10/25/24 16:37	1
Bis(2-chloroethyl)ether	ND		120	25	ug/Kg	☼	10/24/24 08:36	10/25/24 16:37	1
Bis(2-ethylhexyl) phthalate	**150**	**J B**	170	65	ug/Kg	☼	10/24/24 08:36	10/25/24 16:37	1
Butyl benzyl phthalate	ND		170	59	ug/Kg	☼	10/24/24 08:36	10/25/24 16:37	1
Caprolactam	ND		380	80	ug/Kg	☼	10/24/24 08:36	10/25/24 16:37	1
Carbazole	ND		120	31	ug/Kg	☼	10/24/24 08:36	10/25/24 16:37	1
Chrysene	ND		46	16	ug/Kg	☼	10/24/24 08:36	10/25/24 16:37	1
Dibenz(a,h)anthracene	ND		46	17	ug/Kg	☼	10/24/24 08:36	10/25/24 16:37	1

Client Sample ID: SB-1-4-6
Date Collected: 10/18/24 14:20
Date Received: 10/21/24 16:22

Lab Sample ID: 240-213441-1
Matrix: Solid
Percent Solids: 87.2

Method: SW846 8270E - Semivolatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Dibenzofuran	ND		120	34	ug/Kg	☼	10/24/24 08:36	10/25/24 16:37	1
Diethyl phthalate	ND		170	50	ug/Kg	☼	10/24/24 08:36	10/25/24 16:37	1
Dimethyl phthalate	ND		170	46	ug/Kg	☼	10/24/24 08:36	10/25/24 16:37	1
Di-n-butyl phthalate	ND		170	59	ug/Kg	☼	10/24/24 08:36	10/25/24 16:37	1
Di-n-octyl phthalate	ND		170	58	ug/Kg	☼	10/24/24 08:36	10/25/24 16:37	1
Fluoranthene	ND		46	16	ug/Kg	☼	10/24/24 08:36	10/25/24 16:37	1
Fluorene	ND		46	16	ug/Kg	☼	10/24/24 08:36	10/25/24 16:37	1
Hexachlorobenzene	ND		46	16	ug/Kg	☼	10/24/24 08:36	10/25/24 16:37	1
Hexachlorobutadiene	ND		120	24	ug/Kg	☼	10/24/24 08:36	10/25/24 16:37	1
Hexachlorocyclopentadiene	ND		380	45	ug/Kg	☼	10/24/24 08:36	10/25/24 16:37	1
Hexachloroethane	ND		120	37	ug/Kg	☼	10/24/24 08:36	10/25/24 16:37	1
Indeno[1,2,3-cd]pyrene	ND		46	14	ug/Kg	☼	10/24/24 08:36	10/25/24 16:37	1
Isophorone	ND		120	30	ug/Kg	☼	10/24/24 08:36	10/25/24 16:37	1
N-Nitrosodi-n-propylamine	ND		120	43	ug/Kg	☼	10/24/24 08:36	10/25/24 16:37	1
N-Nitrosodiphenylamine	ND		120	31	ug/Kg	☼	10/24/24 08:36	10/25/24 16:37	1
Naphthalene	ND		46	15	ug/Kg	☼	10/24/24 08:36	10/25/24 16:37	1
Nitrobenzene	ND		120	25	ug/Kg	☼	10/24/24 08:36	10/25/24 16:37	1
Pentachlorophenol	ND		310	120	ug/Kg	☼	10/24/24 08:36	10/25/24 16:37	1
Phenanthrene	ND		46	15	ug/Kg	☼	10/24/24 08:36	10/25/24 16:37	1
Phenol	ND		120	44	ug/Kg	☼	10/24/24 08:36	10/25/24 16:37	1
Pyrene	ND		46	18	ug/Kg	☼	10/24/24 08:36	10/25/24 16:37	1
3 & 4 Methylphenol	ND		460	47	ug/Kg	☼	10/24/24 08:36	10/25/24 16:37	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Terphenyl-d14 (Surr)	*67*		*37 - 120*	*10/24/24 08:36*	*10/25/24 16:37*	*1*
Phenol-d5 (Surr)	*69*		*29 - 120*	*10/24/24 08:36*	*10/25/24 16:37*	*1*
Nitrobenzene-d5 (Surr)	*59*		*28 - 120*	*10/24/24 08:36*	*10/25/24 16:37*	*1*
2-Fluorophenol (Surr)	*69*		*26 - 120*	*10/24/24 08:36*	*10/25/24 16:37*	*1*
2-Fluorobiphenyl (Surr)	*62*		*36 - 120*	*10/24/24 08:36*	*10/25/24 16:37*	*1*
2,4,6-Tribromophenol (Surr)	*44*		*10 - 120*	*10/24/24 08:36*	*10/25/24 16:37*	*1*

Method: SW846 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aroclor-1016	ND		57	28	ug/Kg	☼	10/23/24 12:00	10/24/24 19:51	1
Aroclor-1221	ND		57	34	ug/Kg	☼	10/23/24 12:00	10/24/24 19:51	1
Aroclor-1232	ND		57	24	ug/Kg	☼	10/23/24 12:00	10/24/24 19:51	1
Aroclor-1242	ND		57	22	ug/Kg	☼	10/23/24 12:00	10/24/24 19:51	1
Aroclor-1248	ND		57	19	ug/Kg	☼	10/23/24 12:00	10/24/24 19:51	1
Aroclor-1254	ND		57	24	ug/Kg	☼	10/23/24 12:00	10/24/24 19:51	1
Aroclor-1260	ND		57	24	ug/Kg	☼	10/23/24 12:00	10/24/24 19:51	1
Aroclor-1262	ND		57	25	ug/Kg	☼	10/23/24 12:00	10/24/24 19:51	1
Aroclor-1268	ND		57	18	ug/Kg	☼	10/23/24 12:00	10/24/24 19:51	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Tetrachloro-m-xylene	*70*		*10 - 149*	*10/23/24 12:00*	*10/24/24 19:51*	*1*
DCB Decachlorobiphenyl	*76*		*10 - 174*	*10/23/24 12:00*	*10/24/24 19:51*	*1*

Method: SW846 6010D - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	**13**		1.6	0.35	mg/Kg	☼	10/22/24 15:00	10/23/24 12:26	1

Client: August Mack Environmental, Inc.
Project/Site: MSC Canfield - Soil

Job ID: 240-213441-1

Client Sample ID: SB-1-4-6
Date Collected: 10/18/24 14:20
Date Received: 10/21/24 16:22

Lab Sample ID: 240-213441-1
Matrix: Solid
Percent Solids: 87.2

Method: SW846 6010D - Metals (ICP) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Barium	**45**		22	0.14	mg/Kg	☼	10/22/24 15:00	10/23/24 12:26	1
Cadmium	**0.11**	**J**	0.55	0.052	mg/Kg	☼	10/22/24 15:00	10/23/24 12:26	1
Chromium	**12**		1.1	0.37	mg/Kg	☼	10/22/24 15:00	10/23/24 12:26	1
Copper	**17**		2.7	0.77	mg/Kg	☼	10/22/24 15:00	10/23/24 12:26	1
Lead	**9.6**		1.1	0.31	mg/Kg	☼	10/22/24 15:00	10/23/24 12:26	1
Selenium	ND		2.2	0.51	mg/Kg	☼	10/22/24 15:00	10/23/24 12:26	1
Silver	ND		1.1	0.088	mg/Kg	☼	10/22/24 15:00	10/23/24 12:26	1
Zinc	**79**		5.5	4.0	mg/Kg	☼	10/22/24 15:00	10/23/24 12:26	1

Method: SW846 7471B - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	ND		0.10	0.018	mg/Kg	☼	10/22/24 15:00	10/23/24 10:25	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cr (VI) (SW846 7196A)	ND		0.48	0.16	mg/Kg	☼	11/01/24 12:50	11/03/24 01:12	1
Cyanide, Total (SW846 9012B)	ND		0.62	0.49	mg/Kg	☼	10/29/24 14:51	10/29/24 17:20	1

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Solids (EPA Moisture)	**87.2**		0.1	0.1	%			10/22/24 14:37	1
Percent Moisture (EPA Moisture)	**12.8**		0.1	0.1	%			10/22/24 14:37	1

General Chemistry - ASTM Leach

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cyanide, Free (OI CORP OIA-1677)	ND		0.0060	0.0050	mg/L			11/01/24 12:46	1

Client: August Mack Environmental, Inc.
Project/Site: MSC Canfield - Soil

Job ID: 240-213441-1

Client Sample ID: SB-1-18-20
Date Collected: 10/18/24 14:36
Date Received: 10/21/24 16:22

Lab Sample ID: 240-213441-2
Matrix: Solid
Percent Solids: 87.0

Method: SW846 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		5.3	1.9	ug/Kg	☼	10/24/24 11:19	10/24/24 13:39	1
1,1,2,2-Tetrachloroethane	ND		5.3	1.5	ug/Kg	☼	10/24/24 11:19	10/24/24 13:39	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		5.3	1.4	ug/Kg	☼	10/24/24 11:19	10/24/24 13:39	1
1,1,2-Trichloroethane	ND		5.3	1.2	ug/Kg	☼	10/24/24 11:19	10/24/24 13:39	1
1,1-Dichloroethane	ND		5.3	1.5	ug/Kg	☼	10/24/24 11:19	10/24/24 13:39	1
1,1-Dichloroethene	ND		5.3	1.9	ug/Kg	☼	10/24/24 11:19	10/24/24 13:39	1
1,2,4-Trichlorobenzene	ND		5.3	2.7	ug/Kg	☼	10/24/24 11:19	10/24/24 13:39	1
1,2-Dibromo-3-Chloropropane	ND		11	3.8	ug/Kg	☼	10/24/24 11:19	10/24/24 13:39	1
Ethylene Dibromide	ND		5.3	1.8	ug/Kg	☼	10/24/24 11:19	10/24/24 13:39	1
1,2-Dichlorobenzene	ND		5.3	1.2	ug/Kg	☼	10/24/24 11:19	10/24/24 13:39	1
1,2-Dichloroethane	ND		5.3	1.9	ug/Kg	☼	10/24/24 11:19	10/24/24 13:39	1
1,2-Dichloropropane	ND		5.3	0.91	ug/Kg	☼	10/24/24 11:19	10/24/24 13:39	1
1,3-Dichlorobenzene	ND		5.3	1.8	ug/Kg	☼	10/24/24 11:19	10/24/24 13:39	1
1,4-Dichlorobenzene	ND		5.3	0.94	ug/Kg	☼	10/24/24 11:19	10/24/24 13:39	1
2-Butanone (MEK)	ND		21	3.8	ug/Kg	☼	10/24/24 11:19	10/24/24 13:39	1
2-Hexanone	ND		21	4.4	ug/Kg	☼	10/24/24 11:19	10/24/24 13:39	1
4-Methyl-2-pentanone (MIBK)	ND		21	4.0	ug/Kg	☼	10/24/24 11:19	10/24/24 13:39	1
Acetone	ND		27	22	ug/Kg	☼	10/24/24 11:19	10/24/24 13:39	1
Benzene	ND		5.3	1.6	ug/Kg	☼	10/24/24 11:19	10/24/24 13:39	1
Dichlorobromomethane	ND		5.3	1.6	ug/Kg	☼	10/24/24 11:19	10/24/24 13:39	1
Bromoform	ND		5.3	2.6	ug/Kg	☼	10/24/24 11:19	10/24/24 13:39	1
Bromomethane	ND		5.3	4.4	ug/Kg	☼	10/24/24 11:19	10/24/24 13:39	1
Carbon disulfide	ND		5.3	1.2	ug/Kg	☼	10/24/24 11:19	10/24/24 13:39	1
Carbon tetrachloride	ND		5.3	3.5	ug/Kg	☼	10/24/24 11:19	10/24/24 13:39	1
Chlorobenzene	ND		5.3	0.98	ug/Kg	☼	10/24/24 11:19	10/24/24 13:39	1
Chloroethane	ND		5.3	2.9	ug/Kg	☼	10/24/24 11:19	10/24/24 13:39	1
Chloroform	ND		5.3	1.9	ug/Kg	☼	10/24/24 11:19	10/24/24 13:39	1
Chloromethane	ND		5.3	2.4	ug/Kg	☼	10/24/24 11:19	10/24/24 13:39	1
cis-1,2-Dichloroethene	ND		5.3	1.6	ug/Kg	☼	10/24/24 11:19	10/24/24 13:39	1
cis-1,3-Dichloropropene	ND		5.3	3.1	ug/Kg	☼	10/24/24 11:19	10/24/24 13:39	1
Cyclohexane	ND		11	1.5	ug/Kg	☼	10/24/24 11:19	10/24/24 13:39	1
Chlorodibromomethane	ND		5.3	3.0	ug/Kg	☼	10/24/24 11:19	10/24/24 13:39	1
Dichlorodifluoromethane	ND		5.3	2.4	ug/Kg	☼	10/24/24 11:19	10/24/24 13:39	1
Ethylbenzene	ND		5.3	1.1	ug/Kg	☼	10/24/24 11:19	10/24/24 13:39	1
Isopropylbenzene	ND		5.3	2.0	ug/Kg	☼	10/24/24 11:19	10/24/24 13:39	1
Methyl acetate	ND		27	3.6	ug/Kg	☼	10/24/24 11:19	10/24/24 13:39	1
Methyl tert-butyl ether	ND		5.3	2.1	ug/Kg	☼	10/24/24 11:19	10/24/24 13:39	1
Methylcyclohexane	ND		11	1.3	ug/Kg	☼	10/24/24 11:19	10/24/24 13:39	1
Methylene Chloride	ND		27	13	ug/Kg	☼	10/24/24 11:19	10/24/24 13:39	1
Styrene	ND		5.3	1.2	ug/Kg	☼	10/24/24 11:19	10/24/24 13:39	1
Tetrachloroethene	ND		5.3	2.0	ug/Kg	☼	10/24/24 11:19	10/24/24 13:39	1
Toluene	ND		5.3	0.82	ug/Kg	☼	10/24/24 11:19	10/24/24 13:39	1
trans-1,2-Dichloroethene	ND		5.3	1.5	ug/Kg	☼	10/24/24 11:19	10/24/24 13:39	1
trans-1,3-Dichloropropene	ND		5.3	1.9	ug/Kg	☼	10/24/24 11:19	10/24/24 13:39	1
Trichloroethene	ND		5.3	1.5	ug/Kg	☼	10/24/24 11:19	10/24/24 13:39	1
Trichlorofluoromethane	ND		5.3	2.9	ug/Kg	☼	10/24/24 11:19	10/24/24 13:39	1
Vinyl chloride	ND		5.3	1.9	ug/Kg	☼	10/24/24 11:19	10/24/24 13:39	1
Xylenes, Total	ND		11	1.7	ug/Kg	☼	10/24/24 11:19	10/24/24 13:39	1

Client: August Mack Environmental, Inc.
Project/Site: MSC Canfield - Soil

Job ID: 240-213441-1

Client Sample ID: SB-1-18-20
Date Collected: 10/18/24 14:36
Date Received: 10/21/24 16:22

Lab Sample ID: 240-213441-2
Matrix: Solid
Percent Solids: 87.0

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
Toluene-d8 (Surr)	*104*		*56 - 125*	*10/24/24 11:19*	*10/24/24 13:39*	*1*
Dibromofluoromethane (Surr)	*103*		*41 - 138*	*10/24/24 11:19*	*10/24/24 13:39*	*1*
4-Bromofluorobenzene (Surr)	*95*		*41 - 143*	*10/24/24 11:19*	*10/24/24 13:39*	*1*
1,2-Dichloroethane-d4 (Surr)	*101*		*58 - 125*	*10/24/24 11:19*	*10/24/24 13:39*	*1*

Method: SW846 8270E - Semivolatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1'-Biphenyl	ND		110	31	ug/Kg	☼	10/24/24 08:36	10/25/24 17:01	1
bis (2-chloroisopropyl) ether	ND		110	29	ug/Kg	☼	10/24/24 08:36	10/25/24 17:01	1
2,4,5-Trichlorophenol	ND		170	37	ug/Kg	☼	10/24/24 08:36	10/25/24 17:01	1
2,4,6-Trichlorophenol	ND		170	33	ug/Kg	☼	10/24/24 08:36	10/25/24 17:01	1
2,4-Dichlorophenol	ND		170	30	ug/Kg	☼	10/24/24 08:36	10/25/24 17:01	1
2,4-Dimethylphenol	ND		170	40	ug/Kg	☼	10/24/24 08:36	10/25/24 17:01	1
2,4-Dinitrophenol	ND		370	190	ug/Kg	☼	10/24/24 08:36	10/25/24 17:01	1
2,4-Dinitrotoluene	ND		220	26	ug/Kg	☼	10/24/24 08:36	10/25/24 17:01	1
2,6-Dinitrotoluene	ND		220	40	ug/Kg	☼	10/24/24 08:36	10/25/24 17:01	1
2-Chloronaphthalene	ND		110	31	ug/Kg	☼	10/24/24 08:36	10/25/24 17:01	1
2-Chlorophenol	ND		110	29	ug/Kg	☼	10/24/24 08:36	10/25/24 17:01	1
2-Methylnaphthalene	ND		45	15	ug/Kg	☼	10/24/24 08:36	10/25/24 17:01	1
2-Methylphenol	ND		220	46	ug/Kg	☼	10/24/24 08:36	10/25/24 17:01	1
2-Nitroaniline	ND		220	43	ug/Kg	☼	10/24/24 08:36	10/25/24 17:01	1
2-Nitrophenol	ND		110	39	ug/Kg	☼	10/24/24 08:36	10/25/24 17:01	1
3,3'-Dichlorobenzidine	ND		170	110	ug/Kg	☼	10/24/24 08:36	10/25/24 17:01	1
3-Nitroaniline	ND		220	39	ug/Kg	☼	10/24/24 08:36	10/25/24 17:01	1
4,6-Dinitro-2-methylphenol	ND		370	120	ug/Kg	☼	10/24/24 08:36	10/25/24 17:01	1
4-Bromophenyl phenyl ether	ND		110	36	ug/Kg	☼	10/24/24 08:36	10/25/24 17:01	1
4-Chloro-3-methylphenol	ND		170	43	ug/Kg	☼	10/24/24 08:36	10/25/24 17:01	1
4-Chloroaniline	ND		170	18	ug/Kg	☼	10/24/24 08:36	10/25/24 17:01	1
4-Chlorophenyl phenyl ether	ND		110	31	ug/Kg	☼	10/24/24 08:36	10/25/24 17:01	1
4-Nitroaniline	ND		220	29	ug/Kg	☼	10/24/24 08:36	10/25/24 17:01	1
4-Nitrophenol	ND		370	100	ug/Kg	☼	10/24/24 08:36	10/25/24 17:01	1
Acenaphthene	ND		45	16	ug/Kg	☼	10/24/24 08:36	10/25/24 17:01	1
Acenaphthylene	ND		45	17	ug/Kg	☼	10/24/24 08:36	10/25/24 17:01	1
Acetophenone	ND		110	28	ug/Kg	☼	10/24/24 08:36	10/25/24 17:01	1
Anthracene	ND		45	13	ug/Kg	☼	10/24/24 08:36	10/25/24 17:01	1
Atrazine	ND		370	78	ug/Kg	☼	10/24/24 08:36	10/25/24 17:01	1
Benzaldehyde	ND		370	63	ug/Kg	☼	10/24/24 08:36	10/25/24 17:01	1
Benzo[a]anthracene	ND		45	17	ug/Kg	☼	10/24/24 08:36	10/25/24 17:01	1
Benzo[a]pyrene	ND		45	16	ug/Kg	☼	10/24/24 08:36	10/25/24 17:01	1
Benzo[b]fluoranthene	ND		45	13	ug/Kg	☼	10/24/24 08:36	10/25/24 17:01	1
Benzo[g,h,i]perylene	ND		45	30	ug/Kg	☼	10/24/24 08:36	10/25/24 17:01	1
Benzo[k]fluoranthene	ND		45	11	ug/Kg	☼	10/24/24 08:36	10/25/24 17:01	1
Bis(2-chloroethoxy)methane	ND		110	22	ug/Kg	☼	10/24/24 08:36	10/25/24 17:01	1
Bis(2-chloroethyl)ether	ND		110	25	ug/Kg	☼	10/24/24 08:36	10/25/24 17:01	1
Bis(2-ethylhexyl) phthalate	**110**	**J B**	170	63	ug/Kg	☼	10/24/24 08:36	10/25/24 17:01	1
Butyl benzyl phthalate	ND		170	57	ug/Kg	☼	10/24/24 08:36	10/25/24 17:01	1
Caprolactam	ND		370	78	ug/Kg	☼	10/24/24 08:36	10/25/24 17:01	1
Carbazole	ND		110	30	ug/Kg	☼	10/24/24 08:36	10/25/24 17:01	1
Chrysene	ND		45	16	ug/Kg	☼	10/24/24 08:36	10/25/24 17:01	1
Dibenz(a,h)anthracene	ND		45	17	ug/Kg	☼	10/24/24 08:36	10/25/24 17:01	1

Client Sample ID: SB-1-18-20
Date Collected: 10/18/24 14:36
Date Received: 10/21/24 16:22

Lab Sample ID: 240-213441-2
Matrix: Solid
Percent Solids: 87.0

Method: SW846 8270E - Semivolatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Dibenzofuran	ND		110	33	ug/Kg	☼	10/24/24 08:36	10/25/24 17:01	1
Diethyl phthalate	ND		170	48	ug/Kg	☼	10/24/24 08:36	10/25/24 17:01	1
Dimethyl phthalate	ND		170	45	ug/Kg	☼	10/24/24 08:36	10/25/24 17:01	1
Di-n-butyl phthalate	ND		170	57	ug/Kg	☼	10/24/24 08:36	10/25/24 17:01	1
Di-n-octyl phthalate	ND		170	56	ug/Kg	☼	10/24/24 08:36	10/25/24 17:01	1
Fluoranthene	ND		45	16	ug/Kg	☼	10/24/24 08:36	10/25/24 17:01	1
Fluorene	ND		45	16	ug/Kg	☼	10/24/24 08:36	10/25/24 17:01	1
Hexachlorobenzene	ND		45	16	ug/Kg	☼	10/24/24 08:36	10/25/24 17:01	1
Hexachlorobutadiene	ND		110	24	ug/Kg	☼	10/24/24 08:36	10/25/24 17:01	1
Hexachlorocyclopentadiene	ND		370	44	ug/Kg	☼	10/24/24 08:36	10/25/24 17:01	1
Hexachloroethane	ND		110	36	ug/Kg	☼	10/24/24 08:36	10/25/24 17:01	1
Indeno[1,2,3-cd]pyrene	ND		45	13	ug/Kg	☼	10/24/24 08:36	10/25/24 17:01	1
Isophorone	ND		110	29	ug/Kg	☼	10/24/24 08:36	10/25/24 17:01	1
N-Nitrosodi-n-propylamine	ND		110	42	ug/Kg	☼	10/24/24 08:36	10/25/24 17:01	1
N-Nitrosodiphenylamine	ND		110	30	ug/Kg	☼	10/24/24 08:36	10/25/24 17:01	1
Naphthalene	ND		45	15	ug/Kg	☼	10/24/24 08:36	10/25/24 17:01	1
Nitrobenzene	ND		110	25	ug/Kg	☼	10/24/24 08:36	10/25/24 17:01	1
Pentachlorophenol	ND		300	120	ug/Kg	☼	10/24/24 08:36	10/25/24 17:01	1
Phenanthrene	ND		45	15	ug/Kg	☼	10/24/24 08:36	10/25/24 17:01	1
Phenol	ND		110	43	ug/Kg	☼	10/24/24 08:36	10/25/24 17:01	1
Pyrene	ND		45	18	ug/Kg	☼	10/24/24 08:36	10/25/24 17:01	1
3 & 4 Methylphenol	ND		450	46	ug/Kg	☼	10/24/24 08:36	10/25/24 17:01	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Terphenyl-d14 (Surr)	*73*		*37 - 120*	*10/24/24 08:36*	*10/25/24 17:01*	*1*
Phenol-d5 (Surr)	*69*		*29 - 120*	*10/24/24 08:36*	*10/25/24 17:01*	*1*
Nitrobenzene-d5 (Surr)	*58*		*28 - 120*	*10/24/24 08:36*	*10/25/24 17:01*	*1*
2-Fluorophenol (Surr)	*68*		*26 - 120*	*10/24/24 08:36*	*10/25/24 17:01*	*1*
2-Fluorobiphenyl (Surr)	*64*		*36 - 120*	*10/24/24 08:36*	*10/25/24 17:01*	*1*
2,4,6-Tribromophenol (Surr)	*57*		*10 - 120*	*10/24/24 08:36*	*10/25/24 17:01*	*1*

Method: SW846 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aroclor-1016	ND		56	28	ug/Kg	☼	10/23/24 12:00	10/24/24 20:37	1
Aroclor-1221	ND		56	34	ug/Kg	☼	10/23/24 12:00	10/24/24 20:37	1
Aroclor-1232	ND		56	23	ug/Kg	☼	10/23/24 12:00	10/24/24 20:37	1
Aroclor-1242	ND		56	21	ug/Kg	☼	10/23/24 12:00	10/24/24 20:37	1
Aroclor-1248	ND		56	19	ug/Kg	☼	10/23/24 12:00	10/24/24 20:37	1
Aroclor-1254	ND		56	23	ug/Kg	☼	10/23/24 12:00	10/24/24 20:37	1
Aroclor-1260	ND		56	23	ug/Kg	☼	10/23/24 12:00	10/24/24 20:37	1
Aroclor-1262	ND		56	25	ug/Kg	☼	10/23/24 12:00	10/24/24 20:37	1
Aroclor-1268	ND		56	18	ug/Kg	☼	10/23/24 12:00	10/24/24 20:37	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Tetrachloro-m-xylene	*61*		*10 - 149*	*10/23/24 12:00*	*10/24/24 20:37*	*1*
DCB Decachlorobiphenyl	*69*		*10 - 174*	*10/23/24 12:00*	*10/24/24 20:37*	*1*

Method: SW846 6010D - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	**14**		1.2	0.24	mg/Kg	☼	10/22/24 15:00	10/23/24 12:31	1

Client: August Mack Environmental, Inc.
Project/Site: MSC Canfield - Soil

Job ID: 240-213441-1

Client Sample ID: SB-1-18-20
Date Collected: 10/18/24 14:36
Date Received: 10/21/24 16:22

Lab Sample ID: 240-213441-2
Matrix: Solid
Percent Solids: 87.0

Method: SW846 6010D - Metals (ICP) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Barium	17		15	0.097	mg/Kg	☼	10/22/24 15:00	10/23/24 12:31	1
Cadmium	0.091	J	0.39	0.037	mg/Kg	☼	10/22/24 15:00	10/23/24 12:31	1
Chromium	9.2		0.77	0.26	mg/Kg	☼	10/22/24 15:00	10/23/24 12:31	1
Copper	18		1.9	0.54	mg/Kg	☼	10/22/24 15:00	10/23/24 12:31	1
Lead	8.4		0.77	0.22	mg/Kg	☼	10/22/24 15:00	10/23/24 12:31	1
Selenium	ND		1.5	0.36	mg/Kg	☼	10/22/24 15:00	10/23/24 12:31	1
Silver	ND		0.77	0.062	mg/Kg	☼	10/22/24 15:00	10/23/24 12:31	1
Zinc	74		3.9	2.8	mg/Kg	☼	10/22/24 15:00	10/23/24 12:31	1

Method: SW846 7471B - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	ND		0.10	0.018	mg/Kg	☼	10/22/24 15:00	10/23/24 10:27	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cr (VI) (SW846 7196A)	ND		0.48	0.16	mg/Kg	☼	11/01/24 12:50	11/03/24 01:12	1
Cyanide, Total (SW846 9012B)	ND		0.50	0.39	mg/Kg	☼	10/29/24 14:51	10/29/24 17:22	1

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Solids (EPA Moisture)	87.0		0.1	0.1	%			10/22/24 14:37	1
Percent Moisture (EPA Moisture)	13.0		0.1	0.1	%			10/22/24 14:37	1

General Chemistry - ASTM Leach

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cyanide, Free (OI CORP OIA-1677)	ND		0.0060	0.0050	mg/L			11/01/24 12:56	1

Client: August Mack Environmental, Inc.
Project/Site: MSC Canfield - Soil

Job ID: 240-213441-1

Client Sample ID: SB-2-6-8
Date Collected: 10/21/24 09:54
Date Received: 10/21/24 16:22

Lab Sample ID: 240-213441-3
Matrix: Solid
Percent Solids: 86.7

Method: SW846 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		5.4	1.9	ug/Kg	☼	10/24/24 11:19	10/24/24 14:00	1
1,1,2,2-Tetrachloroethane	ND		5.4	1.5	ug/Kg	☼	10/24/24 11:19	10/24/24 14:00	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		5.4	1.4	ug/Kg	☼	10/24/24 11:19	10/24/24 14:00	1
1,1,2-Trichloroethane	ND		5.4	1.2	ug/Kg	☼	10/24/24 11:19	10/24/24 14:00	1
1,1-Dichloroethane	ND		5.4	1.5	ug/Kg	☼	10/24/24 11:19	10/24/24 14:00	1
1,1-Dichloroethene	ND		5.4	2.0	ug/Kg	☼	10/24/24 11:19	10/24/24 14:00	1
1,2,4-Trichlorobenzene	ND		5.4	2.7	ug/Kg	☼	10/24/24 11:19	10/24/24 14:00	1
1,2-Dibromo-3-Chloropropane	ND		11	3.9	ug/Kg	☼	10/24/24 11:19	10/24/24 14:00	1
Ethylene Dibromide	ND		5.4	1.8	ug/Kg	☼	10/24/24 11:19	10/24/24 14:00	1
1,2-Dichlorobenzene	ND		5.4	1.2	ug/Kg	☼	10/24/24 11:19	10/24/24 14:00	1
1,2-Dichloroethane	ND		5.4	1.9	ug/Kg	☼	10/24/24 11:19	10/24/24 14:00	1
1,2-Dichloropropane	ND		5.4	0.92	ug/Kg	☼	10/24/24 11:19	10/24/24 14:00	1
1,3-Dichlorobenzene	ND		5.4	1.8	ug/Kg	☼	10/24/24 11:19	10/24/24 14:00	1
1,4-Dichlorobenzene	ND		5.4	0.95	ug/Kg	☼	10/24/24 11:19	10/24/24 14:00	1
2-Butanone (MEK)	ND		22	3.8	ug/Kg	☼	10/24/24 11:19	10/24/24 14:00	1
2-Hexanone	ND		22	4.4	ug/Kg	☼	10/24/24 11:19	10/24/24 14:00	1
4-Methyl-2-pentanone (MIBK)	ND		22	4.0	ug/Kg	☼	10/24/24 11:19	10/24/24 14:00	1
Acetone	ND		27	23	ug/Kg	☼	10/24/24 11:19	10/24/24 14:00	1
Benzene	ND		5.4	1.6	ug/Kg	☼	10/24/24 11:19	10/24/24 14:00	1
Dichlorobromomethane	ND		5.4	1.6	ug/Kg	☼	10/24/24 11:19	10/24/24 14:00	1
Bromoform	ND		5.4	2.6	ug/Kg	☼	10/24/24 11:19	10/24/24 14:00	1
Bromomethane	ND		5.4	4.5	ug/Kg	☼	10/24/24 11:19	10/24/24 14:00	1
Carbon disulfide	ND		5.4	1.3	ug/Kg	☼	10/24/24 11:19	10/24/24 14:00	1
Carbon tetrachloride	ND		5.4	3.5	ug/Kg	☼	10/24/24 11:19	10/24/24 14:00	1
Chlorobenzene	ND		5.4	0.99	ug/Kg	☼	10/24/24 11:19	10/24/24 14:00	1
Chloroethane	ND		5.4	3.0	ug/Kg	☼	10/24/24 11:19	10/24/24 14:00	1
Chloroform	ND		5.4	1.9	ug/Kg	☼	10/24/24 11:19	10/24/24 14:00	1
Chloromethane	ND		5.4	2.5	ug/Kg	☼	10/24/24 11:19	10/24/24 14:00	1
cis-1,2-Dichloroethene	ND		5.4	1.6	ug/Kg	☼	10/24/24 11:19	10/24/24 14:00	1
cis-1,3-Dichloropropene	ND		5.4	3.1	ug/Kg	☼	10/24/24 11:19	10/24/24 14:00	1
Cyclohexane	ND		11	1.5	ug/Kg	☼	10/24/24 11:19	10/24/24 14:00	1
Chlorodibromomethane	ND		5.4	3.0	ug/Kg	☼	10/24/24 11:19	10/24/24 14:00	1
Dichlorodifluoromethane	ND		5.4	2.4	ug/Kg	☼	10/24/24 11:19	10/24/24 14:00	1
Ethylbenzene	ND		5.4	1.1	ug/Kg	☼	10/24/24 11:19	10/24/24 14:00	1
Isopropylbenzene	ND		5.4	2.1	ug/Kg	☼	10/24/24 11:19	10/24/24 14:00	1
Methyl acetate	ND		27	3.7	ug/Kg	☼	10/24/24 11:19	10/24/24 14:00	1
Methyl tert-butyl ether	ND		5.4	2.1	ug/Kg	☼	10/24/24 11:19	10/24/24 14:00	1
Methylcyclohexane	ND		11	1.3	ug/Kg	☼	10/24/24 11:19	10/24/24 14:00	1
Methylene Chloride	ND		27	13	ug/Kg	☼	10/24/24 11:19	10/24/24 14:00	1
Styrene	ND		5.4	1.2	ug/Kg	☼	10/24/24 11:19	10/24/24 14:00	1
Tetrachloroethene	ND		5.4	2.1	ug/Kg	☼	10/24/24 11:19	10/24/24 14:00	1
Toluene	ND		5.4	0.83	ug/Kg	☼	10/24/24 11:19	10/24/24 14:00	1
trans-1,2-Dichloroethene	ND		5.4	1.5	ug/Kg	☼	10/24/24 11:19	10/24/24 14:00	1
trans-1,3-Dichloropropene	ND		5.4	2.0	ug/Kg	☼	10/24/24 11:19	10/24/24 14:00	1
Trichloroethene	ND		5.4	1.5	ug/Kg	☼	10/24/24 11:19	10/24/24 14:00	1
Trichlorofluoromethane	ND		5.4	2.9	ug/Kg	☼	10/24/24 11:19	10/24/24 14:00	1
Vinyl chloride	ND		5.4	1.9	ug/Kg	☼	10/24/24 11:19	10/24/24 14:00	1
Xylenes, Total	ND		11	1.7	ug/Kg	☼	10/24/24 11:19	10/24/24 14:00	1

Client: August Mack Environmental, Inc.
Project/Site: MSC Canfield - Soil

Job ID: 240-213441-1

Client Sample ID: SB-2-6-8
Date Collected: 10/21/24 09:54
Date Received: 10/21/24 16:22

Lab Sample ID: 240-213441-3
Matrix: Solid
Percent Solids: 86.7

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
Toluene-d8 (Surr)	*100*		*56 - 125*	*10/24/24 11:19*	*10/24/24 14:00*	*1*
Dibromofluoromethane (Surr)	*98*		*41 - 138*	*10/24/24 11:19*	*10/24/24 14:00*	*1*
4-Bromofluorobenzene (Surr)	*91*		*41 - 143*	*10/24/24 11:19*	*10/24/24 14:00*	*1*
1,2-Dichloroethane-d4 (Surr)	*97*		*58 - 125*	*10/24/24 11:19*	*10/24/24 14:00*	*1*

Method: SW846 8270E - Semivolatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1'-Biphenyl	ND		110	32	ug/Kg	☼	10/24/24 08:36	10/25/24 17:25	1
bis (2-chloroisopropyl) ether	ND		110	30	ug/Kg	☼	10/24/24 08:36	10/25/24 17:25	1
2,4,5-Trichlorophenol	ND		170	38	ug/Kg	☼	10/24/24 08:36	10/25/24 17:25	1
2,4,6-Trichlorophenol	ND		170	33	ug/Kg	☼	10/24/24 08:36	10/25/24 17:25	1
2,4-Dichlorophenol	ND		170	31	ug/Kg	☼	10/24/24 08:36	10/25/24 17:25	1
2,4-Dimethylphenol	ND		170	41	ug/Kg	☼	10/24/24 08:36	10/25/24 17:25	1
2,4-Dinitrophenol	ND		380	190	ug/Kg	☼	10/24/24 08:36	10/25/24 17:25	1
2,4-Dinitrotoluene	ND		230	26	ug/Kg	☼	10/24/24 08:36	10/25/24 17:25	1
2,6-Dinitrotoluene	ND		230	41	ug/Kg	☼	10/24/24 08:36	10/25/24 17:25	1
2-Chloronaphthalene	ND		110	32	ug/Kg	☼	10/24/24 08:36	10/25/24 17:25	1
2-Chlorophenol	ND		110	30	ug/Kg	☼	10/24/24 08:36	10/25/24 17:25	1
2-Methylnaphthalene	ND		46	15	ug/Kg	☼	10/24/24 08:36	10/25/24 17:25	1
2-Methylphenol	ND		230	47	ug/Kg	☼	10/24/24 08:36	10/25/24 17:25	1
2-Nitroaniline	ND		230	43	ug/Kg	☼	10/24/24 08:36	10/25/24 17:25	1
2-Nitrophenol	ND		110	40	ug/Kg	☼	10/24/24 08:36	10/25/24 17:25	1
3,3'-Dichlorobenzidine	ND		170	110	ug/Kg	☼	10/24/24 08:36	10/25/24 17:25	1
3-Nitroaniline	ND		230	40	ug/Kg	☼	10/24/24 08:36	10/25/24 17:25	1
4,6-Dinitro-2-methylphenol	ND		380	120	ug/Kg	☼	10/24/24 08:36	10/25/24 17:25	1
4-Bromophenyl phenyl ether	ND		110	36	ug/Kg	☼	10/24/24 08:36	10/25/24 17:25	1
4-Chloro-3-methylphenol	ND		170	43	ug/Kg	☼	10/24/24 08:36	10/25/24 17:25	1
4-Chloroaniline	ND		170	18	ug/Kg	☼	10/24/24 08:36	10/25/24 17:25	1
4-Chlorophenyl phenyl ether	ND		110	32	ug/Kg	☼	10/24/24 08:36	10/25/24 17:25	1
4-Nitroaniline	ND		230	30	ug/Kg	☼	10/24/24 08:36	10/25/24 17:25	1
4-Nitrophenol	ND		380	100	ug/Kg	☼	10/24/24 08:36	10/25/24 17:25	1
Acenaphthene	ND		46	16	ug/Kg	☼	10/24/24 08:36	10/25/24 17:25	1
Acenaphthylene	ND		46	17	ug/Kg	☼	10/24/24 08:36	10/25/24 17:25	1
Acetophenone	ND		110	28	ug/Kg	☼	10/24/24 08:36	10/25/24 17:25	1
Anthracene	ND		46	14	ug/Kg	☼	10/24/24 08:36	10/25/24 17:25	1
Atrazine	ND		380	79	ug/Kg	☼	10/24/24 08:36	10/25/24 17:25	1
Benzaldehyde	ND		380	64	ug/Kg	☼	10/24/24 08:36	10/25/24 17:25	1
Benzo[a]anthracene	ND		46	17	ug/Kg	☼	10/24/24 08:36	10/25/24 17:25	1
Benzo[a]pyrene	ND		46	16	ug/Kg	☼	10/24/24 08:36	10/25/24 17:25	1
Benzo[b]fluoranthene	ND		46	14	ug/Kg	☼	10/24/24 08:36	10/25/24 17:25	1
Benzo[g,h,i]perylene	ND		46	31	ug/Kg	☼	10/24/24 08:36	10/25/24 17:25	1
Benzo[k]fluoranthene	ND		46	11	ug/Kg	☼	10/24/24 08:36	10/25/24 17:25	1
Bis(2-chloroethoxy)methane	ND		110	23	ug/Kg	☼	10/24/24 08:36	10/25/24 17:25	1
Bis(2-chloroethyl)ether	ND		110	25	ug/Kg	☼	10/24/24 08:36	10/25/24 17:25	1
Bis(2-ethylhexyl) phthalate	**83**	**J B**	170	64	ug/Kg	☼	10/24/24 08:36	10/25/24 17:25	1
Butyl benzyl phthalate	ND		170	58	ug/Kg	☼	10/24/24 08:36	10/25/24 17:25	1
Caprolactam	ND		380	79	ug/Kg	☼	10/24/24 08:36	10/25/24 17:25	1
Carbazole	ND		110	31	ug/Kg	☼	10/24/24 08:36	10/25/24 17:25	1
Chrysene	ND		46	16	ug/Kg	☼	10/24/24 08:36	10/25/24 17:25	1
Dibenz(a,h)anthracene	ND		46	17	ug/Kg	☼	10/24/24 08:36	10/25/24 17:25	1

Client Sample ID: SB-2-6-8
Date Collected: 10/21/24 09:54
Date Received: 10/21/24 16:22

Lab Sample ID: 240-213441-3
Matrix: Solid
Percent Solids: 86.7

Method: SW846 8270E - Semivolatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Dibenzofuran	ND		110	33	ug/Kg	☼	10/24/24 08:36	10/25/24 17:25	1
Diethyl phthalate	ND		170	49	ug/Kg	☼	10/24/24 08:36	10/25/24 17:25	1
Dimethyl phthalate	ND		170	46	ug/Kg	☼	10/24/24 08:36	10/25/24 17:25	1
Di-n-butyl phthalate	ND		170	58	ug/Kg	☼	10/24/24 08:36	10/25/24 17:25	1
Di-n-octyl phthalate	ND		170	57	ug/Kg	☼	10/24/24 08:36	10/25/24 17:25	1
Fluoranthene	ND		46	16	ug/Kg	☼	10/24/24 08:36	10/25/24 17:25	1
Fluorene	ND		46	16	ug/Kg	☼	10/24/24 08:36	10/25/24 17:25	1
Hexachlorobenzene	ND		46	16	ug/Kg	☼	10/24/24 08:36	10/25/24 17:25	1
Hexachlorobutadiene	ND		110	24	ug/Kg	☼	10/24/24 08:36	10/25/24 17:25	1
Hexachlorocyclopentadiene	ND		380	44	ug/Kg	☼	10/24/24 08:36	10/25/24 17:25	1
Hexachloroethane	ND		110	36	ug/Kg	☼	10/24/24 08:36	10/25/24 17:25	1
Indeno[1,2,3-cd]pyrene	ND		46	14	ug/Kg	☼	10/24/24 08:36	10/25/24 17:25	1
Isophorone	ND		110	30	ug/Kg	☼	10/24/24 08:36	10/25/24 17:25	1
N-Nitrosodi-n-propylamine	ND		110	42	ug/Kg	☼	10/24/24 08:36	10/25/24 17:25	1
N-Nitrosodiphenylamine	ND		110	31	ug/Kg	☼	10/24/24 08:36	10/25/24 17:25	1
Naphthalene	ND		46	15	ug/Kg	☼	10/24/24 08:36	10/25/24 17:25	1
Nitrobenzene	ND		110	25	ug/Kg	☼	10/24/24 08:36	10/25/24 17:25	1
Pentachlorophenol	ND		310	120	ug/Kg	☼	10/24/24 08:36	10/25/24 17:25	1
Phenanthrene	ND		46	15	ug/Kg	☼	10/24/24 08:36	10/25/24 17:25	1
Phenol	ND		110	43	ug/Kg	☼	10/24/24 08:36	10/25/24 17:25	1
Pyrene	ND		46	18	ug/Kg	☼	10/24/24 08:36	10/25/24 17:25	1
3 & 4 Methylphenol	ND		460	47	ug/Kg	☼	10/24/24 08:36	10/25/24 17:25	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Terphenyl-d14 (Surr)	*68*		*37 - 120*	*10/24/24 08:36*	*10/25/24 17:25*	*1*
Phenol-d5 (Surr)	*63*		*29 - 120*	*10/24/24 08:36*	*10/25/24 17:25*	*1*
Nitrobenzene-d5 (Surr)	*54*		*28 - 120*	*10/24/24 08:36*	*10/25/24 17:25*	*1*
2-Fluorophenol (Surr)	*64*		*26 - 120*	*10/24/24 08:36*	*10/25/24 17:25*	*1*
2-Fluorobiphenyl (Surr)	*61*		*36 - 120*	*10/24/24 08:36*	*10/25/24 17:25*	*1*
2,4,6-Tribromophenol (Surr)	*33*		*10 - 120*	*10/24/24 08:36*	*10/25/24 17:25*	*1*

Method: SW846 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aroclor-1016	ND		58	29	ug/Kg	☼	10/23/24 12:00	10/24/24 20:53	1
Aroclor-1221	ND		58	35	ug/Kg	☼	10/23/24 12:00	10/24/24 20:53	1
Aroclor-1232	ND		58	25	ug/Kg	☼	10/23/24 12:00	10/24/24 20:53	1
Aroclor-1242	ND		58	22	ug/Kg	☼	10/23/24 12:00	10/24/24 20:53	1
Aroclor-1248	ND		58	20	ug/Kg	☼	10/23/24 12:00	10/24/24 20:53	1
Aroclor-1254	ND		58	25	ug/Kg	☼	10/23/24 12:00	10/24/24 20:53	1
Aroclor-1260	ND		58	25	ug/Kg	☼	10/23/24 12:00	10/24/24 20:53	1
Aroclor-1262	ND		58	26	ug/Kg	☼	10/23/24 12:00	10/24/24 20:53	1
Aroclor-1268	ND		58	19	ug/Kg	☼	10/23/24 12:00	10/24/24 20:53	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Tetrachloro-m-xylene	*76*		*10 - 149*	*10/23/24 12:00*	*10/24/24 20:53*	*1*
DCB Decachlorobiphenyl	*84*		*10 - 174*	*10/23/24 12:00*	*10/24/24 20:53*	*1*

Method: SW846 6010D - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	**13**		1.4	0.29	mg/Kg	☼	10/22/24 15:00	10/23/24 12:35	1

Client: August Mack Environmental, Inc.
Project/Site: MSC Canfield - Soil

Job ID: 240-213441-1

Client Sample ID: SB-2-6-8

Date Collected: 10/21/24 09:54
Date Received: 10/21/24 16:22

Lab Sample ID: 240-213441-3

Matrix: Solid
Percent Solids: 86.7

Method: SW846 6010D - Metals (ICP) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Barium	32		18	0.11	mg/Kg	☼	10/22/24 15:00	10/23/24 12:35	1
Cadmium	0.081	J	0.45	0.044	mg/Kg	☼	10/22/24 15:00	10/23/24 12:35	1
Chromium	11		0.91	0.31	mg/Kg	☼	10/22/24 15:00	10/23/24 12:35	1
Copper	17		2.3	0.64	mg/Kg	☼	10/22/24 15:00	10/23/24 12:35	1
Lead	11		0.91	0.26	mg/Kg	☼	10/22/24 15:00	10/23/24 12:35	1
Selenium	ND		1.8	0.43	mg/Kg	☼	10/22/24 15:00	10/23/24 12:35	1
Silver	ND		0.91	0.074	mg/Kg	☼	10/22/24 15:00	10/23/24 12:35	1
Zinc	59		4.5	3.3	mg/Kg	☼	10/22/24 15:00	10/23/24 12:35	1

Method: SW846 7471B - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	ND		0.12	0.022	mg/Kg	☼	10/22/24 15:00	10/23/24 10:32	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cr (VI) (SW846 7196A)	ND		0.48	0.16	mg/Kg	☼	11/01/24 12:50	11/03/24 01:12	1
Cyanide, Total (SW846 9012B)	ND		0.66	0.52	mg/Kg	☼	10/29/24 14:51	10/29/24 17:24	1

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Solids (EPA Moisture)	86.7		0.1	0.1	%			10/22/24 14:37	1
Percent Moisture (EPA Moisture)	13.3		0.1	0.1	%			10/22/24 14:37	1

General Chemistry - ASTM Leach

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cyanide, Free (OI CORP OIA-1677)	0.0058	J	0.0060	0.0050	mg/L			11/04/24 15:57	1

Client: August Mack Environmental, Inc.
Project/Site: MSC Canfield - Soil

Job ID: 240-213441-1

Client Sample ID: SB-2-10-12
Date Collected: 10/21/24 10:05
Date Received: 10/21/24 16:22

Lab Sample ID: 240-213441-4
Matrix: Solid
Percent Solids: 85.0

Method: SW846 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		5.5	2.0	ug/Kg	☼	10/24/24 11:19	10/24/24 14:21	1
1,1,2,2-Tetrachloroethane	ND		5.5	1.6	ug/Kg	☼	10/24/24 11:19	10/24/24 14:21	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		5.5	1.4	ug/Kg	☼	10/24/24 11:19	10/24/24 14:21	1
1,1,2-Trichloroethane	ND		5.5	1.2	ug/Kg	☼	10/24/24 11:19	10/24/24 14:21	1
1,1-Dichloroethane	ND		5.5	1.6	ug/Kg	☼	10/24/24 11:19	10/24/24 14:21	1
1,1-Dichloroethene	ND		5.5	2.0	ug/Kg	☼	10/24/24 11:19	10/24/24 14:21	1
1,2,4-Trichlorobenzene	ND		5.5	2.8	ug/Kg	☼	10/24/24 11:19	10/24/24 14:21	1
1,2-Dibromo-3-Chloropropane	ND		11	4.0	ug/Kg	☼	10/24/24 11:19	10/24/24 14:21	1
Ethylene Dibromide	ND		5.5	1.9	ug/Kg	☼	10/24/24 11:19	10/24/24 14:21	1
1,2-Dichlorobenzene	ND		5.5	1.2	ug/Kg	☼	10/24/24 11:19	10/24/24 14:21	1
1,2-Dichloroethane	ND		5.5	2.0	ug/Kg	☼	10/24/24 11:19	10/24/24 14:21	1
1,2-Dichloropropane	ND		5.5	0.94	ug/Kg	☼	10/24/24 11:19	10/24/24 14:21	1
1,3-Dichlorobenzene	ND		5.5	1.8	ug/Kg	☼	10/24/24 11:19	10/24/24 14:21	1
1,4-Dichlorobenzene	ND		5.5	0.97	ug/Kg	☼	10/24/24 11:19	10/24/24 14:21	1
2-Butanone (MEK)	ND		22	3.9	ug/Kg	☼	10/24/24 11:19	10/24/24 14:21	1
2-Hexanone	ND		22	4.5	ug/Kg	☼	10/24/24 11:19	10/24/24 14:21	1
4-Methyl-2-pentanone (MIBK)	ND		22	4.1	ug/Kg	☼	10/24/24 11:19	10/24/24 14:21	1
Acetone	ND		28	23	ug/Kg	☼	10/24/24 11:19	10/24/24 14:21	1
Benzene	ND		5.5	1.7	ug/Kg	☼	10/24/24 11:19	10/24/24 14:21	1
Dichlorobromomethane	ND		5.5	1.7	ug/Kg	☼	10/24/24 11:19	10/24/24 14:21	1
Bromoform	ND		5.5	2.6	ug/Kg	☼	10/24/24 11:19	10/24/24 14:21	1
Bromomethane	ND		5.5	4.6	ug/Kg	☼	10/24/24 11:19	10/24/24 14:21	1
Carbon disulfide	ND		5.5	1.3	ug/Kg	☼	10/24/24 11:19	10/24/24 14:21	1
Carbon tetrachloride	ND		5.5	3.6	ug/Kg	☼	10/24/24 11:19	10/24/24 14:21	1
Chlorobenzene	ND		5.5	1.0	ug/Kg	☼	10/24/24 11:19	10/24/24 14:21	1
Chloroethane	ND		5.5	3.0	ug/Kg	☼	10/24/24 11:19	10/24/24 14:21	1
Chloroform	ND		5.5	2.0	ug/Kg	☼	10/24/24 11:19	10/24/24 14:21	1
Chloromethane	ND		5.5	2.5	ug/Kg	☼	10/24/24 11:19	10/24/24 14:21	1
cis-1,2-Dichloroethene	ND		5.5	1.6	ug/Kg	☼	10/24/24 11:19	10/24/24 14:21	1
cis-1,3-Dichloropropene	ND		5.5	3.2	ug/Kg	☼	10/24/24 11:19	10/24/24 14:21	1
Cyclohexane	ND		11	1.5	ug/Kg	☼	10/24/24 11:19	10/24/24 14:21	1
Chlorodibromomethane	ND		5.5	3.1	ug/Kg	☼	10/24/24 11:19	10/24/24 14:21	1
Dichlorodifluoromethane	ND		5.5	2.5	ug/Kg	☼	10/24/24 11:19	10/24/24 14:21	1
Ethylbenzene	ND		5.5	1.2	ug/Kg	☼	10/24/24 11:19	10/24/24 14:21	1
Isopropylbenzene	ND		5.5	2.1	ug/Kg	☼	10/24/24 11:19	10/24/24 14:21	1
Methyl acetate	ND		28	3.7	ug/Kg	☼	10/24/24 11:19	10/24/24 14:21	1
Methyl tert-butyl ether	ND		5.5	2.2	ug/Kg	☼	10/24/24 11:19	10/24/24 14:21	1
Methylcyclohexane	ND		11	1.4	ug/Kg	☼	10/24/24 11:19	10/24/24 14:21	1
Methylene Chloride	ND		28	13	ug/Kg	☼	10/24/24 11:19	10/24/24 14:21	1
Styrene	ND		5.5	1.3	ug/Kg	☼	10/24/24 11:19	10/24/24 14:21	1
Tetrachloroethene	ND		5.5	2.1	ug/Kg	☼	10/24/24 11:19	10/24/24 14:21	1
Toluene	ND		5.5	0.85	ug/Kg	☼	10/24/24 11:19	10/24/24 14:21	1
trans-1,2-Dichloroethene	ND		5.5	1.6	ug/Kg	☼	10/24/24 11:19	10/24/24 14:21	1
trans-1,3-Dichloropropene	ND		5.5	2.0	ug/Kg	☼	10/24/24 11:19	10/24/24 14:21	1
Trichloroethene	ND		5.5	1.6	ug/Kg	☼	10/24/24 11:19	10/24/24 14:21	1
Trichlorofluoromethane	ND		5.5	3.0	ug/Kg	☼	10/24/24 11:19	10/24/24 14:21	1
Vinyl chloride	ND		5.5	2.0	ug/Kg	☼	10/24/24 11:19	10/24/24 14:21	1
Xylenes, Total	ND		11	1.7	ug/Kg	☼	10/24/24 11:19	10/24/24 14:21	1

Client: August Mack Environmental, Inc.
Project/Site: MSC Canfield - Soil

Job ID: 240-213441-1

Client Sample ID: SB-2-10-12
Date Collected: 10/21/24 10:05
Date Received: 10/21/24 16:22

Lab Sample ID: 240-213441-4
Matrix: Solid
Percent Solids: 85.0

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Toluene-d8 (Surr)	*94*		*56 - 125*	*10/24/24 11:19*	*10/24/24 14:21*	*1*
Dibromofluoromethane (Surr)	*94*		*41 - 138*	*10/24/24 11:19*	*10/24/24 14:21*	*1*
4-Bromofluorobenzene (Surr)	*86*		*41 - 143*	*10/24/24 11:19*	*10/24/24 14:21*	*1*
1,2-Dichloroethane-d4 (Surr)	*95*		*58 - 125*	*10/24/24 11:19*	*10/24/24 14:21*	*1*

Method: SW846 8270E - Semivolatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1'-Biphenyl	ND		120	33	ug/Kg	☼	10/24/24 08:36	10/25/24 17:49	1
bis (2-chloroisopropyl) ether	ND		120	30	ug/Kg	☼	10/24/24 08:36	10/25/24 17:49	1
2,4,5-Trichlorophenol	ND		170	38	ug/Kg	☼	10/24/24 08:36	10/25/24 17:49	1
2,4,6-Trichlorophenol	ND		170	34	ug/Kg	☼	10/24/24 08:36	10/25/24 17:49	1
2,4-Dichlorophenol	ND		170	31	ug/Kg	☼	10/24/24 08:36	10/25/24 17:49	1
2,4-Dimethylphenol	ND		170	42	ug/Kg	☼	10/24/24 08:36	10/25/24 17:49	1
2,4-Dinitrophenol	ND		380	200	ug/Kg	☼	10/24/24 08:36	10/25/24 17:49	1
2,4-Dinitrotoluene	ND		230	27	ug/Kg	☼	10/24/24 08:36	10/25/24 17:49	1
2,6-Dinitrotoluene	ND		230	42	ug/Kg	☼	10/24/24 08:36	10/25/24 17:49	1
2-Chloronaphthalene	ND		120	33	ug/Kg	☼	10/24/24 08:36	10/25/24 17:49	1
2-Chlorophenol	ND		120	30	ug/Kg	☼	10/24/24 08:36	10/25/24 17:49	1
2-Methylnaphthalene	ND		47	15	ug/Kg	☼	10/24/24 08:36	10/25/24 17:49	1
2-Methylphenol	ND		230	48	ug/Kg	☼	10/24/24 08:36	10/25/24 17:49	1
2-Nitroaniline	ND		230	44	ug/Kg	☼	10/24/24 08:36	10/25/24 17:49	1
2-Nitrophenol	ND		120	41	ug/Kg	☼	10/24/24 08:36	10/25/24 17:49	1
3,3'-Dichlorobenzidine	ND		170	110	ug/Kg	☼	10/24/24 08:36	10/25/24 17:49	1
3-Nitroaniline	ND		230	41	ug/Kg	☼	10/24/24 08:36	10/25/24 17:49	1
4,6-Dinitro-2-methylphenol	ND		380	120	ug/Kg	☼	10/24/24 08:36	10/25/24 17:49	1
4-Bromophenyl phenyl ether	ND		120	37	ug/Kg	☼	10/24/24 08:36	10/25/24 17:49	1
4-Chloro-3-methylphenol	ND		170	44	ug/Kg	☼	10/24/24 08:36	10/25/24 17:49	1
4-Chloroaniline	ND		170	19	ug/Kg	☼	10/24/24 08:36	10/25/24 17:49	1
4-Chlorophenyl phenyl ether	ND		120	33	ug/Kg	☼	10/24/24 08:36	10/25/24 17:49	1
4-Nitroaniline	ND		230	30	ug/Kg	☼	10/24/24 08:36	10/25/24 17:49	1
4-Nitrophenol	ND		380	100	ug/Kg	☼	10/24/24 08:36	10/25/24 17:49	1
Acenaphthene	ND		47	16	ug/Kg	☼	10/24/24 08:36	10/25/24 17:49	1
Acenaphthylene	ND		47	17	ug/Kg	☼	10/24/24 08:36	10/25/24 17:49	1
Acetophenone	ND		120	29	ug/Kg	☼	10/24/24 08:36	10/25/24 17:49	1
Anthracene	ND		47	14	ug/Kg	☼	10/24/24 08:36	10/25/24 17:49	1
Atrazine	ND		380	80	ug/Kg	☼	10/24/24 08:36	10/25/24 17:49	1
Benzaldehyde	ND		380	65	ug/Kg	☼	10/24/24 08:36	10/25/24 17:49	1
Benzo[a]anthracene	ND		47	17	ug/Kg	☼	10/24/24 08:36	10/25/24 17:49	1
Benzo[a]pyrene	ND		47	16	ug/Kg	☼	10/24/24 08:36	10/25/24 17:49	1
Benzo[b]fluoranthene	ND		47	14	ug/Kg	☼	10/24/24 08:36	10/25/24 17:49	1
Benzo[g,h,i]perylene	ND		47	31	ug/Kg	☼	10/24/24 08:36	10/25/24 17:49	1
Benzo[k]fluoranthene	ND		47	12	ug/Kg	☼	10/24/24 08:36	10/25/24 17:49	1
Bis(2-chloroethoxy)methane	ND		120	23	ug/Kg	☼	10/24/24 08:36	10/25/24 17:49	1
Bis(2-chloroethyl)ether	ND		120	26	ug/Kg	☼	10/24/24 08:36	10/25/24 17:49	1
Bis(2-ethylhexyl) phthalate	**81**	**J B**	170	65	ug/Kg	☼	10/24/24 08:36	10/25/24 17:49	1
Butyl benzyl phthalate	ND		170	59	ug/Kg	☼	10/24/24 08:36	10/25/24 17:49	1
Caprolactam	ND		380	80	ug/Kg	☼	10/24/24 08:36	10/25/24 17:49	1
Carbazole	ND		120	31	ug/Kg	☼	10/24/24 08:36	10/25/24 17:49	1
Chrysene	ND		47	16	ug/Kg	☼	10/24/24 08:36	10/25/24 17:49	1
Dibenz(a,h)anthracene	ND		47	17	ug/Kg	☼	10/24/24 08:36	10/25/24 17:49	1

Client Sample ID: SB-2-10-12
Date Collected: 10/21/24 10:05
Date Received: 10/21/24 16:22

Lab Sample ID: 240-213441-4
Matrix: Solid
Percent Solids: 85.0

Method: SW846 8270E - Semivolatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Dibenzofuran	ND		120	34	ug/Kg	☼	10/24/24 08:36	10/25/24 17:49	1
Diethyl phthalate	ND		170	50	ug/Kg	☼	10/24/24 08:36	10/25/24 17:49	1
Dimethyl phthalate	ND		170	47	ug/Kg	☼	10/24/24 08:36	10/25/24 17:49	1
Di-n-butyl phthalate	ND		170	59	ug/Kg	☼	10/24/24 08:36	10/25/24 17:49	1
Di-n-octyl phthalate	ND		170	58	ug/Kg	☼	10/24/24 08:36	10/25/24 17:49	1
Fluoranthene	ND		47	16	ug/Kg	☼	10/24/24 08:36	10/25/24 17:49	1
Fluorene	ND		47	16	ug/Kg	☼	10/24/24 08:36	10/25/24 17:49	1
Hexachlorobenzene	ND		47	16	ug/Kg	☼	10/24/24 08:36	10/25/24 17:49	1
Hexachlorobutadiene	ND		120	24	ug/Kg	☼	10/24/24 08:36	10/25/24 17:49	1
Hexachlorocyclopentadiene	ND		380	45	ug/Kg	☼	10/24/24 08:36	10/25/24 17:49	1
Hexachloroethane	ND		120	37	ug/Kg	☼	10/24/24 08:36	10/25/24 17:49	1
Indeno[1,2,3-cd]pyrene	ND		47	14	ug/Kg	☼	10/24/24 08:36	10/25/24 17:49	1
Isophorone	ND		120	30	ug/Kg	☼	10/24/24 08:36	10/25/24 17:49	1
N-Nitrosodi-n-propylamine	ND		120	43	ug/Kg	☼	10/24/24 08:36	10/25/24 17:49	1
N-Nitrosodiphenylamine	ND		120	31	ug/Kg	☼	10/24/24 08:36	10/25/24 17:49	1
Naphthalene	ND		47	15	ug/Kg	☼	10/24/24 08:36	10/25/24 17:49	1
Nitrobenzene	ND		120	26	ug/Kg	☼	10/24/24 08:36	10/25/24 17:49	1
Pentachlorophenol	ND		310	120	ug/Kg	☼	10/24/24 08:36	10/25/24 17:49	1
Phenanthrene	ND		47	15	ug/Kg	☼	10/24/24 08:36	10/25/24 17:49	1
Phenol	ND		120	44	ug/Kg	☼	10/24/24 08:36	10/25/24 17:49	1
Pyrene	ND		47	19	ug/Kg	☼	10/24/24 08:36	10/25/24 17:49	1
3 & 4 Methylphenol	ND		470	48	ug/Kg	☼	10/24/24 08:36	10/25/24 17:49	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Terphenyl-d14 (Surr)	*68*		*37 - 120*	*10/24/24 08:36*	*10/25/24 17:49*	*1*
Phenol-d5 (Surr)	*62*		*29 - 120*	*10/24/24 08:36*	*10/25/24 17:49*	*1*
Nitrobenzene-d5 (Surr)	*49*		*28 - 120*	*10/24/24 08:36*	*10/25/24 17:49*	*1*
2-Fluorophenol (Surr)	*61*		*26 - 120*	*10/24/24 08:36*	*10/25/24 17:49*	*1*
2-Fluorobiphenyl (Surr)	*57*		*36 - 120*	*10/24/24 08:36*	*10/25/24 17:49*	*1*
2,4,6-Tribromophenol (Surr)	*73*		*10 - 120*	*10/24/24 08:36*	*10/25/24 17:49*	*1*

Method: SW846 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aroclor-1016	ND		59	30	ug/Kg	☼	10/23/24 12:00	10/24/24 21:09	1
Aroclor-1221	ND		59	35	ug/Kg	☼	10/23/24 12:00	10/24/24 21:09	1
Aroclor-1232	ND		59	25	ug/Kg	☼	10/23/24 12:00	10/24/24 21:09	1
Aroclor-1242	ND		59	22	ug/Kg	☼	10/23/24 12:00	10/24/24 21:09	1
Aroclor-1248	ND		59	20	ug/Kg	☼	10/23/24 12:00	10/24/24 21:09	1
Aroclor-1254	ND		59	25	ug/Kg	☼	10/23/24 12:00	10/24/24 21:09	1
Aroclor-1260	ND		59	25	ug/Kg	☼	10/23/24 12:00	10/24/24 21:09	1
Aroclor-1262	ND		59	26	ug/Kg	☼	10/23/24 12:00	10/24/24 21:09	1
Aroclor-1268	ND		59	19	ug/Kg	☼	10/23/24 12:00	10/24/24 21:09	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Tetrachloro-m-xylene	*81*		*10 - 149*	*10/23/24 12:00*	*10/24/24 21:09*	*1*
DCB Decachlorobiphenyl	*87*		*10 - 174*	*10/23/24 12:00*	*10/24/24 21:09*	*1*

Method: SW846 6010D - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	**13**		1.7	0.35	mg/Kg	☼	10/22/24 15:00	10/23/24 12:39	1

Client: August Mack Environmental, Inc.
Project/Site: MSC Canfield - Soil

Job ID: 240-213441-1

Client Sample ID: SB-2-10-12
Date Collected: 10/21/24 10:05
Date Received: 10/21/24 16:22

Lab Sample ID: 240-213441-4
Matrix: Solid
Percent Solids: 85.0

Method: SW846 6010D - Metals (ICP) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Barium	33		22	0.14	mg/Kg	☼	10/22/24 15:00	10/23/24 12:39	1
Cadmium	0.090	J	0.56	0.053	mg/Kg	☼	10/22/24 15:00	10/23/24 12:39	1
Chromium	13		1.1	0.38	mg/Kg	☼	10/22/24 15:00	10/23/24 12:39	1
Copper	17		2.8	0.78	mg/Kg	☼	10/22/24 15:00	10/23/24 12:39	1
Lead	9.7		1.1	0.31	mg/Kg	☼	10/22/24 15:00	10/23/24 12:39	1
Selenium	ND		2.2	0.52	mg/Kg	☼	10/22/24 15:00	10/23/24 12:39	1
Silver	ND		1.1	0.090	mg/Kg	☼	10/22/24 15:00	10/23/24 12:39	1
Zinc	60		5.6	4.0	mg/Kg	☼	10/22/24 15:00	10/23/24 12:39	1

Method: SW846 7471B - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	ND		0.11	0.020	mg/Kg	☼	10/22/24 15:00	10/23/24 10:34	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cr (VI) (SW846 7196A)	ND		0.48	0.16	mg/Kg	☼	11/01/24 12:50	11/03/24 01:12	1
Cyanide, Total (SW846 9012B)	ND		0.64	0.51	mg/Kg	☼	10/29/24 14:51	10/29/24 17:29	1

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Solids (EPA Moisture)	85.0		0.1	0.1	%			10/22/24 14:37	1
Percent Moisture (EPA Moisture)	15.0		0.1	0.1	%			10/22/24 14:37	1

General Chemistry - ASTM Leach

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cyanide, Free (OI CORP OIA-1677)	0.020		0.0060	0.0050	mg/L			11/01/24 13:53	1

Client: August Mack Environmental, Inc.
Project/Site: MSC Canfield - Soil

Job ID: 240-213441-1

Client Sample ID: SB-2-16-18
Date Collected: 10/21/24 10:10
Date Received: 10/21/24 16:22

Lab Sample ID: 240-213441-5
Matrix: Solid
Percent Solids: 81.8

Method: SW846 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		5.8	2.0	ug/Kg	☼	10/24/24 11:19	10/24/24 14:43	1
1,1,2,2-Tetrachloroethane	ND		5.8	1.6	ug/Kg	☼	10/24/24 11:19	10/24/24 14:43	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		5.8	1.5	ug/Kg	☼	10/24/24 11:19	10/24/24 14:43	1
1,1,2-Trichloroethane	ND		5.8	1.3	ug/Kg	☼	10/24/24 11:19	10/24/24 14:43	1
1,1-Dichloroethane	ND		5.8	1.6	ug/Kg	☼	10/24/24 11:19	10/24/24 14:43	1
1,1-Dichloroethene	ND		5.8	2.1	ug/Kg	☼	10/24/24 11:19	10/24/24 14:43	1
1,2,4-Trichlorobenzene	ND		5.8	2.9	ug/Kg	☼	10/24/24 11:19	10/24/24 14:43	1
1,2-Dibromo-3-Chloropropane	ND		12	4.2	ug/Kg	☼	10/24/24 11:19	10/24/24 14:43	1
Ethylene Dibromide	ND		5.8	1.9	ug/Kg	☼	10/24/24 11:19	10/24/24 14:43	1
1,2-Dichlorobenzene	ND		5.8	1.3	ug/Kg	☼	10/24/24 11:19	10/24/24 14:43	1
1,2-Dichloroethane	ND		5.8	2.1	ug/Kg	☼	10/24/24 11:19	10/24/24 14:43	1
1,2-Dichloropropane	ND		5.8	0.98	ug/Kg	☼	10/24/24 11:19	10/24/24 14:43	1
1,3-Dichlorobenzene	ND		5.8	1.9	ug/Kg	☼	10/24/24 11:19	10/24/24 14:43	1
1,4-Dichlorobenzene	ND		5.8	1.0	ug/Kg	☼	10/24/24 11:19	10/24/24 14:43	1
2-Butanone (MEK)	ND		23	4.1	ug/Kg	☼	10/24/24 11:19	10/24/24 14:43	1
2-Hexanone	ND		23	4.7	ug/Kg	☼	10/24/24 11:19	10/24/24 14:43	1
4-Methyl-2-pentanone (MIBK)	ND		23	4.3	ug/Kg	☼	10/24/24 11:19	10/24/24 14:43	1
Acetone	ND		29	24	ug/Kg	☼	10/24/24 11:19	10/24/24 14:43	1
Benzene	ND		5.8	1.7	ug/Kg	☼	10/24/24 11:19	10/24/24 14:43	1
Dichlorobromomethane	ND		5.8	1.7	ug/Kg	☼	10/24/24 11:19	10/24/24 14:43	1
Bromoform	ND		5.8	2.8	ug/Kg	☼	10/24/24 11:19	10/24/24 14:43	1
Bromomethane	ND		5.8	4.8	ug/Kg	☼	10/24/24 11:19	10/24/24 14:43	1
Carbon disulfide	ND		5.8	1.3	ug/Kg	☼	10/24/24 11:19	10/24/24 14:43	1
Carbon tetrachloride	ND		5.8	3.7	ug/Kg	☼	10/24/24 11:19	10/24/24 14:43	1
Chlorobenzene	ND		5.8	1.1	ug/Kg	☼	10/24/24 11:19	10/24/24 14:43	1
Chloroethane	ND		5.8	3.2	ug/Kg	☼	10/24/24 11:19	10/24/24 14:43	1
Chloroform	ND		5.8	2.1	ug/Kg	☼	10/24/24 11:19	10/24/24 14:43	1
Chloromethane	ND		5.8	2.6	ug/Kg	☼	10/24/24 11:19	10/24/24 14:43	1
cis-1,2-Dichloroethene	ND		5.8	1.7	ug/Kg	☼	10/24/24 11:19	10/24/24 14:43	1
cis-1,3-Dichloropropene	ND		5.8	3.3	ug/Kg	☼	10/24/24 11:19	10/24/24 14:43	1
Cyclohexane	ND		12	1.6	ug/Kg	☼	10/24/24 11:19	10/24/24 14:43	1
Chlorodibromomethane	ND		5.8	3.2	ug/Kg	☼	10/24/24 11:19	10/24/24 14:43	1
Dichlorodifluoromethane	ND		5.8	2.6	ug/Kg	☼	10/24/24 11:19	10/24/24 14:43	1
Ethylbenzene	ND		5.8	1.2	ug/Kg	☼	10/24/24 11:19	10/24/24 14:43	1
Isopropylbenzene	ND		5.8	2.2	ug/Kg	☼	10/24/24 11:19	10/24/24 14:43	1
Methyl acetate	ND		29	3.9	ug/Kg	☼	10/24/24 11:19	10/24/24 14:43	1
Methyl tert-butyl ether	ND		5.8	2.3	ug/Kg	☼	10/24/24 11:19	10/24/24 14:43	1
Methylcyclohexane	ND		12	1.4	ug/Kg	☼	10/24/24 11:19	10/24/24 14:43	1
Methylene Chloride	ND		29	14	ug/Kg	☼	10/24/24 11:19	10/24/24 14:43	1
Styrene	ND		5.8	1.3	ug/Kg	☼	10/24/24 11:19	10/24/24 14:43	1
Tetrachloroethene	ND		5.8	2.2	ug/Kg	☼	10/24/24 11:19	10/24/24 14:43	1
Toluene	ND		5.8	0.89	ug/Kg	☼	10/24/24 11:19	10/24/24 14:43	1
trans-1,2-Dichloroethene	ND		5.8	1.6	ug/Kg	☼	10/24/24 11:19	10/24/24 14:43	1
trans-1,3-Dichloropropene	ND		5.8	2.1	ug/Kg	☼	10/24/24 11:19	10/24/24 14:43	1
Trichloroethene	ND		5.8	1.7	ug/Kg	☼	10/24/24 11:19	10/24/24 14:43	1
Trichlorofluoromethane	ND		5.8	3.1	ug/Kg	☼	10/24/24 11:19	10/24/24 14:43	1
Vinyl chloride	ND		5.8	2.0	ug/Kg	☼	10/24/24 11:19	10/24/24 14:43	1
Xylenes, Total	ND		12	1.8	ug/Kg	☼	10/24/24 11:19	10/24/24 14:43	1

Client: August Mack Environmental, Inc.
Project/Site: MSC Canfield - Soil

Job ID: 240-213441-1

Client Sample ID: SB-2-16-18
Date Collected: 10/21/24 10:10
Date Received: 10/21/24 16:22

Lab Sample ID: 240-213441-5
Matrix: Solid
Percent Solids: 81.8

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Toluene-d8 (Surr)	*102*		*56 - 125*	*10/24/24 11:19*	*10/24/24 14:43*	*1*
Dibromofluoromethane (Surr)	*102*		*41 - 138*	*10/24/24 11:19*	*10/24/24 14:43*	*1*
4-Bromofluorobenzene (Surr)	*95*		*41 - 143*	*10/24/24 11:19*	*10/24/24 14:43*	*1*
1,2-Dichloroethane-d4 (Surr)	*101*		*58 - 125*	*10/24/24 11:19*	*10/24/24 14:43*	*1*

Method: SW846 8270E - Semivolatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1'-Biphenyl	ND		120	34	ug/Kg	☼	10/24/24 08:36	10/25/24 18:13	1
bis (2-chloroisopropyl) ether	ND		120	32	ug/Kg	☼	10/24/24 08:36	10/25/24 18:13	1
2,4,5-Trichlorophenol	ND		180	40	ug/Kg	☼	10/24/24 08:36	10/25/24 18:13	1
2,4,6-Trichlorophenol	ND		180	35	ug/Kg	☼	10/24/24 08:36	10/25/24 18:13	1
2,4-Dichlorophenol	ND		180	33	ug/Kg	☼	10/24/24 08:36	10/25/24 18:13	1
2,4-Dimethylphenol	ND		180	44	ug/Kg	☼	10/24/24 08:36	10/25/24 18:13	1
2,4-Dinitrophenol	ND		400	210	ug/Kg	☼	10/24/24 08:36	10/25/24 18:13	1
2,4-Dinitrotoluene	ND		240	28	ug/Kg	☼	10/24/24 08:36	10/25/24 18:13	1
2,6-Dinitrotoluene	ND		240	44	ug/Kg	☼	10/24/24 08:36	10/25/24 18:13	1
2-Chloronaphthalene	ND		120	34	ug/Kg	☼	10/24/24 08:36	10/25/24 18:13	1
2-Chlorophenol	ND		120	32	ug/Kg	☼	10/24/24 08:36	10/25/24 18:13	1
2-Methylnaphthalene	ND		49	16	ug/Kg	☼	10/24/24 08:36	10/25/24 18:13	1
2-Methylphenol	ND		240	50	ug/Kg	☼	10/24/24 08:36	10/25/24 18:13	1
2-Nitroaniline	ND		240	46	ug/Kg	☼	10/24/24 08:36	10/25/24 18:13	1
2-Nitrophenol	ND		120	43	ug/Kg	☼	10/24/24 08:36	10/25/24 18:13	1
3,3'-Dichlorobenzidine	ND		180	120	ug/Kg	☼	10/24/24 08:36	10/25/24 18:13	1
3-Nitroaniline	ND		240	43	ug/Kg	☼	10/24/24 08:36	10/25/24 18:13	1
4,6-Dinitro-2-methylphenol	ND		400	130	ug/Kg	☼	10/24/24 08:36	10/25/24 18:13	1
4-Bromophenyl phenyl ether	ND		120	39	ug/Kg	☼	10/24/24 08:36	10/25/24 18:13	1
4-Chloro-3-methylphenol	ND		180	46	ug/Kg	☼	10/24/24 08:36	10/25/24 18:13	1
4-Chloroaniline	ND		180	20	ug/Kg	☼	10/24/24 08:36	10/25/24 18:13	1
4-Chlorophenyl phenyl ether	ND		120	34	ug/Kg	☼	10/24/24 08:36	10/25/24 18:13	1
4-Nitroaniline	ND		240	32	ug/Kg	☼	10/24/24 08:36	10/25/24 18:13	1
4-Nitrophenol	ND		400	110	ug/Kg	☼	10/24/24 08:36	10/25/24 18:13	1
Acenaphthene	ND		49	17	ug/Kg	☼	10/24/24 08:36	10/25/24 18:13	1
Acenaphthylene	ND		49	18	ug/Kg	☼	10/24/24 08:36	10/25/24 18:13	1
Acetophenone	ND		120	31	ug/Kg	☼	10/24/24 08:36	10/25/24 18:13	1
Anthracene	ND		49	15	ug/Kg	☼	10/24/24 08:36	10/25/24 18:13	1
Atrazine	ND		400	84	ug/Kg	☼	10/24/24 08:36	10/25/24 18:13	1
Benzaldehyde	ND		400	69	ug/Kg	☼	10/24/24 08:36	10/25/24 18:13	1
Benzo[a]anthracene	ND		49	18	ug/Kg	☼	10/24/24 08:36	10/25/24 18:13	1
Benzo[a]pyrene	ND		49	17	ug/Kg	☼	10/24/24 08:36	10/25/24 18:13	1
Benzo[b]fluoranthene	ND		49	15	ug/Kg	☼	10/24/24 08:36	10/25/24 18:13	1
Benzo[g,h,i]perylene	ND		49	33	ug/Kg	☼	10/24/24 08:36	10/25/24 18:13	1
Benzo[k]fluoranthene	ND		49	12	ug/Kg	☼	10/24/24 08:36	10/25/24 18:13	1
Bis(2-chloroethoxy)methane	ND		120	24	ug/Kg	☼	10/24/24 08:36	10/25/24 18:13	1
Bis(2-chloroethyl)ether	ND		120	27	ug/Kg	☼	10/24/24 08:36	10/25/24 18:13	1
Bis(2-ethylhexyl) phthalate	**160**	**J B**	180	69	ug/Kg	☼	10/24/24 08:36	10/25/24 18:13	1
Butyl benzyl phthalate	ND		180	62	ug/Kg	☼	10/24/24 08:36	10/25/24 18:13	1
Caprolactam	ND		400	84	ug/Kg	☼	10/24/24 08:36	10/25/24 18:13	1
Carbazole	ND		120	33	ug/Kg	☼	10/24/24 08:36	10/25/24 18:13	1
Chrysene	ND		49	17	ug/Kg	☼	10/24/24 08:36	10/25/24 18:13	1
Dibenz(a,h)anthracene	ND		49	18	ug/Kg	☼	10/24/24 08:36	10/25/24 18:13	1

Client Sample ID: SB-2-16-18
Date Collected: 10/21/24 10:10
Date Received: 10/21/24 16:22

Lab Sample ID: 240-213441-5
Matrix: Solid
Percent Solids: 81.8

Method: SW846 8270E - Semivolatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Dibenzofuran	ND		120	35	ug/Kg	☼	10/24/24 08:36	10/25/24 18:13	1
Diethyl phthalate	ND		180	53	ug/Kg	☼	10/24/24 08:36	10/25/24 18:13	1
Dimethyl phthalate	ND		180	49	ug/Kg	☼	10/24/24 08:36	10/25/24 18:13	1
Di-n-butyl phthalate	ND		180	62	ug/Kg	☼	10/24/24 08:36	10/25/24 18:13	1
Di-n-octyl phthalate	ND		180	61	ug/Kg	☼	10/24/24 08:36	10/25/24 18:13	1
Fluoranthene	ND		49	17	ug/Kg	☼	10/24/24 08:36	10/25/24 18:13	1
Fluorene	ND		49	17	ug/Kg	☼	10/24/24 08:36	10/25/24 18:13	1
Hexachlorobenzene	ND		49	17	ug/Kg	☼	10/24/24 08:36	10/25/24 18:13	1
Hexachlorobutadiene	ND		120	26	ug/Kg	☼	10/24/24 08:36	10/25/24 18:13	1
Hexachlorocyclopentadiene	ND		400	48	ug/Kg	☼	10/24/24 08:36	10/25/24 18:13	1
Hexachloroethane	ND		120	39	ug/Kg	☼	10/24/24 08:36	10/25/24 18:13	1
Indeno[1,2,3-cd]pyrene	ND		49	15	ug/Kg	☼	10/24/24 08:36	10/25/24 18:13	1
Isophorone	ND		120	32	ug/Kg	☼	10/24/24 08:36	10/25/24 18:13	1
N-Nitrosodi-n-propylamine	ND		120	45	ug/Kg	☼	10/24/24 08:36	10/25/24 18:13	1
N-Nitrosodiphenylamine	ND		120	33	ug/Kg	☼	10/24/24 08:36	10/25/24 18:13	1
Naphthalene	ND		49	16	ug/Kg	☼	10/24/24 08:36	10/25/24 18:13	1
Nitrobenzene	ND		120	27	ug/Kg	☼	10/24/24 08:36	10/25/24 18:13	1
Pentachlorophenol	ND		330	130	ug/Kg	☼	10/24/24 08:36	10/25/24 18:13	1
Phenanthrene	ND		49	16	ug/Kg	☼	10/24/24 08:36	10/25/24 18:13	1
Phenol	ND		120	46	ug/Kg	☼	10/24/24 08:36	10/25/24 18:13	1
Pyrene	ND		49	20	ug/Kg	☼	10/24/24 08:36	10/25/24 18:13	1
3 & 4 Methylphenol	ND		490	50	ug/Kg	☼	10/24/24 08:36	10/25/24 18:13	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Terphenyl-d14 (Surr)	*57*		*37 - 120*	*10/24/24 08:36*	*10/25/24 18:13*	*1*
Phenol-d5 (Surr)	*59*		*29 - 120*	*10/24/24 08:36*	*10/25/24 18:13*	*1*
Nitrobenzene-d5 (Surr)	*36*		*28 - 120*	*10/24/24 08:36*	*10/25/24 18:13*	*1*
2-Fluorophenol (Surr)	*59*		*26 - 120*	*10/24/24 08:36*	*10/25/24 18:13*	*1*
2-Fluorobiphenyl (Surr)	*56*		*36 - 120*	*10/24/24 08:36*	*10/25/24 18:13*	*1*
2,4,6-Tribromophenol (Surr)	*34*		*10 - 120*	*10/24/24 08:36*	*10/25/24 18:13*	*1*

Method: SW846 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aroclor-1016	ND		60	30	ug/Kg	☼	10/23/24 12:00	10/24/24 21:24	1
Aroclor-1221	ND		60	36	ug/Kg	☼	10/23/24 12:00	10/24/24 21:24	1
Aroclor-1232	ND		60	25	ug/Kg	☼	10/23/24 12:00	10/24/24 21:24	1
Aroclor-1242	ND		60	23	ug/Kg	☼	10/23/24 12:00	10/24/24 21:24	1
Aroclor-1248	ND		60	20	ug/Kg	☼	10/23/24 12:00	10/24/24 21:24	1
Aroclor-1254	ND		60	25	ug/Kg	☼	10/23/24 12:00	10/24/24 21:24	1
Aroclor-1260	ND		60	25	ug/Kg	☼	10/23/24 12:00	10/24/24 21:24	1
Aroclor-1262	ND		60	26	ug/Kg	☼	10/23/24 12:00	10/24/24 21:24	1
Aroclor-1268	ND		60	19	ug/Kg	☼	10/23/24 12:00	10/24/24 21:24	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Tetrachloro-m-xylene	*44*		*10 - 149*	*10/23/24 12:00*	*10/24/24 21:24*	*1*
DCB Decachlorobiphenyl	*48*		*10 - 174*	*10/23/24 12:00*	*10/24/24 21:24*	*1*

Method: SW846 6010D - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	**17**		1.6	0.33	mg/Kg	☼	10/22/24 15:00	10/23/24 12:44	1

Client: August Mack Environmental, Inc.
Project/Site: MSC Canfield - Soil

Job ID: 240-213441-1

Client Sample ID: SB-2-16-18
Date Collected: 10/21/24 10:10
Date Received: 10/21/24 16:22

Lab Sample ID: 240-213441-5
Matrix: Solid
Percent Solids: 81.8

Method: SW846 6010D - Metals (ICP) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Barium	14	J	21	0.13	mg/Kg	☼	10/22/24 15:00	10/23/24 12:44	1
Cadmium	0.069	J	0.52	0.050	mg/Kg	☼	10/22/24 15:00	10/23/24 12:44	1
Chromium	12		1.0	0.36	mg/Kg	☼	10/22/24 15:00	10/23/24 12:44	1
Copper	17		2.6	0.73	mg/Kg	☼	10/22/24 15:00	10/23/24 12:44	1
Lead	8.4		1.0	0.29	mg/Kg	☼	10/22/24 15:00	10/23/24 12:44	1
Selenium	ND		2.1	0.49	mg/Kg	☼	10/22/24 15:00	10/23/24 12:44	1
Silver	ND		1.0	0.085	mg/Kg	☼	10/22/24 15:00	10/23/24 12:44	1
Zinc	54		5.2	3.8	mg/Kg	☼	10/22/24 15:00	10/23/24 12:44	1

Method: SW846 7471B - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	ND		0.12	0.022	mg/Kg	☼	10/22/24 15:00	10/23/24 10:35	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cr (VI) (SW846 7196A)	ND		0.51	0.17	mg/Kg	☼	11/01/24 12:50	11/03/24 01:12	1
Cyanide, Total (SW846 9012B)	ND		0.57	0.45	mg/Kg	☼	10/29/24 14:51	10/29/24 17:31	1

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Solids (EPA Moisture)	81.8		0.1	0.1	%			10/22/24 14:37	1
Percent Moisture (EPA Moisture)	18.2		0.1	0.1	%			10/22/24 14:37	1

General Chemistry - ASTM Leach

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cyanide, Free (OI CORP OIA-1677)	ND		0.0060	0.0050	mg/L			11/01/24 13:11	1

Client: August Mack Environmental, Inc.
Project/Site: MSC Canfield - Soil

Job ID: 240-213441-1

Client Sample ID: TB-13-20241018
Date Collected: 10/18/24 00:00
Date Received: 10/21/24 16:22

Lab Sample ID: 240-213441-6
Matrix: Water

Method: SW846 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		1.0	0.48	ug/L			10/29/24 10:30	1
1,1,2,2-Tetrachloroethane	ND		1.0	0.60	ug/L			10/29/24 10:30	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		1.0	0.41	ug/L			10/29/24 10:30	1
1,1,2-Trichloroethane	ND		1.0	0.48	ug/L			10/29/24 10:30	1
1,1-Dichloroethane	ND		1.0	0.47	ug/L			10/29/24 10:30	1
1,1-Dichloroethene	ND		1.0	0.49	ug/L			10/29/24 10:30	1
1,2,4-Trichlorobenzene	ND		1.0	0.77	ug/L			10/29/24 10:30	1
1,2-Dibromo-3-Chloropropane	ND		2.0	0.91	ug/L			10/29/24 10:30	1
Ethylene Dibromide	ND		1.0	0.41	ug/L			10/29/24 10:30	1
1,2-Dichlorobenzene	ND		1.0	0.48	ug/L			10/29/24 10:30	1
1,2-Dichloroethane	ND		1.0	0.46	ug/L			10/29/24 10:30	1
1,2-Dichloropropane	ND		1.0	0.47	ug/L			10/29/24 10:30	1
1,3-Dichlorobenzene	ND		1.0	0.45	ug/L			10/29/24 10:30	1
1,4-Dichlorobenzene	ND		1.0	0.41	ug/L			10/29/24 10:30	1
2-Butanone (MEK)	ND		10	1.2	ug/L			10/29/24 10:30	1
2-Hexanone	ND		10	1.1	ug/L			10/29/24 10:30	1
4-Methyl-2-pentanone (MIBK)	ND		10	0.99	ug/L			10/29/24 10:30	1
Acetone	ND		10	5.4	ug/L			10/29/24 10:30	1
Benzene	ND		1.0	0.42	ug/L			10/29/24 10:30	1
Dichlorobromomethane	ND		1.0	0.38	ug/L			10/29/24 10:30	1
Bromoform	ND		1.0	0.76	ug/L			10/29/24 10:30	1
Bromomethane	ND		1.0	0.42	ug/L			10/29/24 10:30	1
Carbon disulfide	ND		1.0	0.59	ug/L			10/29/24 10:30	1
Carbon tetrachloride	ND		1.0	0.26	ug/L			10/29/24 10:30	1
Chlorobenzene	ND		1.0	0.38	ug/L			10/29/24 10:30	1
Chloroethane	ND		1.0	0.83	ug/L			10/29/24 10:30	1
Chloroform	ND		1.0	0.47	ug/L			10/29/24 10:30	1
Chloromethane	ND		1.0	0.63	ug/L			10/29/24 10:30	1
cis-1,2-Dichloroethene	ND		1.0	0.46	ug/L			10/29/24 10:30	1
cis-1,3-Dichloropropene	ND		1.0	0.61	ug/L			10/29/24 10:30	1
Cyclohexane	ND		1.0	0.48	ug/L			10/29/24 10:30	1
Chlorodibromomethane	ND		1.0	0.39	ug/L			10/29/24 10:30	1
Dichlorodifluoromethane	ND		1.0	0.35	ug/L			10/29/24 10:30	1
Ethylbenzene	ND		1.0	0.42	ug/L			10/29/24 10:30	1
Isopropylbenzene	ND		1.0	0.49	ug/L			10/29/24 10:30	1
Methyl acetate	ND		10	1.7	ug/L			10/29/24 10:30	1
Methyl tert-butyl ether	ND		1.0	0.47	ug/L			10/29/24 10:30	1
Methylcyclohexane	ND		1.0	0.33	ug/L			10/29/24 10:30	1
Methylene Chloride	ND		5.0	2.6	ug/L			10/29/24 10:30	1
Styrene	ND		1.0	0.45	ug/L			10/29/24 10:30	1
Tetrachloroethene	ND		1.0	0.44	ug/L			10/29/24 10:30	1
Toluene	ND		1.0	0.44	ug/L			10/29/24 10:30	1
trans-1,2-Dichloroethene	ND		1.0	0.51	ug/L			10/29/24 10:30	1
trans-1,3-Dichloropropene	ND		1.0	0.67	ug/L			10/29/24 10:30	1
Trichloroethene	ND		1.0	0.44	ug/L			10/29/24 10:30	1
Trichlorofluoromethane	ND		1.0	0.45	ug/L			10/29/24 10:30	1
Vinyl chloride	ND		1.0	0.45	ug/L			10/29/24 10:30	1
Xylenes, Total	ND		2.0	0.42	ug/L			10/29/24 10:30	1

Client: August Mack Environmental, Inc.
Project/Site: MSC Canfield - Soil

Job ID: 240-213441-1

Client Sample ID: TB-13-20241018
Date Collected: 10/18/24 00:00
Date Received: 10/21/24 16:22

Lab Sample ID: 240-213441-6
Matrix: Water

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
Toluene-d8 (Surr)	92		78 - 122		10/29/24 10:30	1
Dibromofluoromethane (Surr)	86		73 - 120		10/29/24 10:30	1
4-Bromofluorobenzene (Surr)	98		56 - 136		10/29/24 10:30	1
1,2-Dichloroethane-d4 (Surr)	87		62 - 137		10/29/24 10:30	1

Surrogate Summary

Client: August Mack Environmental, Inc.
Project/Site: MSC Canfield - Soil

Job ID: 240-213441-1

Method: 8260D - Volatile Organic Compounds by GC/MS

Matrix: Solid — **Prep Type: Total/NA**

		Percent Surrogate Recovery (Acceptance Limits)			
		TOL	DBFM	BFB	DCA
Lab Sample ID	Client Sample ID	(56-125)	(41-138)	(41-143)	(58-125)
240-213441-1	SB-1-4-6	99	98	89	99
240-213441-2	SB-1-18-20	104	103	95	101
240-213441-3	SB-2-6-8	100	98	91	97
240-213441-4	SB-2-10-12	94	94	86	95
240-213441-5	SB-2-16-18	102	102	95	101
240-213441-5 MS	SB-2-16-18	95	91	90	89
240-213441-5 MSD	SB-2-16-18	104	100	100	97
LCS 240-632210/5	Lab Control Sample	100	100	95	97
MB 240-632210/7	Method Blank	100	101	92	101

Surrogate Legend

TOL = Toluene-d8 (Surr)
DBFM = Dibromofluoromethane (Surr)
BFB = 4-Bromofluorobenzene (Surr)
DCA = 1,2-Dichloroethane-d4 (Surr)

Method: 8260D - Volatile Organic Compounds by GC/MS

Matrix: Water — **Prep Type: Total/NA**

		Percent Surrogate Recovery (Acceptance Limits)			
		TOL	DBFM	BFB	DCA
Lab Sample ID	Client Sample ID	(78-122)	(73-120)	(56-136)	(62-137)
240-213441-6	TB-13-20241018	92	86	98	87
LCS 240-632868/4	Lab Control Sample	95	87	101	85
MB 240-632868/7	Method Blank	97	89	101	89

Surrogate Legend

TOL = Toluene-d8 (Surr)
DBFM = Dibromofluoromethane (Surr)
BFB = 4-Bromofluorobenzene (Surr)
DCA = 1,2-Dichloroethane-d4 (Surr)

Method: 8270E - Semivolatile Organic Compounds (GC/MS)

Matrix: Solid — **Prep Type: Total/NA**

		Percent Surrogate Recovery (Acceptance Limits)					
		TPHL	PHL	NBZ	2FP	FBP	TBP
Lab Sample ID	Client Sample ID	(37-120)	(29-120)	(28-120)	(26-120)	(36-120)	(10-120)
240-213441-1	SB-1-4-6	67	69	59	69	62	44
240-213441-2	SB-1-18-20	73	69	58	68	64	57
240-213441-3	SB-2-6-8	68	63	54	64	61	33
240-213441-4	SB-2-10-12	68	62	49	61	57	73
240-213441-5	SB-2-16-18	57	59	36	59	56	34
LCS 240-632215/2-A	Lab Control Sample	68	64	62	63	61	72
MB 240-632215/1-A	Method Blank	76	78	66	77	73	76

Surrogate Legend

TPHL = Terphenyl-d14 (Surr)
PHL = Phenol-d5 (Surr)
NBZ = Nitrobenzene-d5 (Surr)
2FP = 2-Fluorophenol (Surr)
FBP = 2-Fluorobiphenyl (Surr)

Surrogate Summary

Client: August Mack Environmental, Inc.
Job ID: 240-213441-1
Project/Site: MSC Canfield - Soil

TBP = 2,4,6-Tribromophenol (Surr)

Method: 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Matrix: Solid
Prep Type: Total/NA

		Percent Surrogate Recovery (Acceptance Limits)											
		TCX1	DCBP1										
Lab Sample ID	Client Sample ID	(10-149)	(10-174)										
240-213441-1	SB-1-4-6	70	76										
240-213441-1 MS	SB-1-4-6	69	78										
240-213441-1 MSD	SB-1-4-6	75	85										
240-213441-2	SB-1-18-20	61	69										
240-213441-3	SB-2-6-8	76	84										
240-213441-4	SB-2-10-12	81	87										
240-213441-5	SB-2-16-18	44	48										
LCS 240-632121/2-A	Lab Control Sample	44	49										
MB 240-632121/1-A	Method Blank	45	42										

Surrogate Legend

TCX = Tetrachloro-m-xylene

DCBP = DCB Decachlorobiphenyl

Method: 8260D - Volatile Organic Compounds by GC/MS

Lab Sample ID: MB 240-632210/7
Matrix: Solid
Analysis Batch: 632210

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		5.0	1.8	ug/Kg			10/24/24 11:09	1
1,1,2,2-Tetrachloroethane	ND		5.0	1.4	ug/Kg			10/24/24 11:09	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		5.0	1.3	ug/Kg			10/24/24 11:09	1
1,1,2-Trichloroethane	ND		5.0	1.1	ug/Kg			10/24/24 11:09	1
1,1-Dichloroethane	ND		5.0	1.4	ug/Kg			10/24/24 11:09	1
1,1-Dichloroethene	ND		5.0	1.8	ug/Kg			10/24/24 11:09	1
1,2,4-Trichlorobenzene	ND		5.0	2.5	ug/Kg			10/24/24 11:09	1
1,2-Dibromo-3-Chloropropane	ND		10	3.6	ug/Kg			10/24/24 11:09	1
Ethylene Dibromide	ND		5.0	1.7	ug/Kg			10/24/24 11:09	1
1,2-Dichlorobenzene	ND		5.0	1.1	ug/Kg			10/24/24 11:09	1
1,2-Dichloroethane	ND		5.0	1.8	ug/Kg			10/24/24 11:09	1
1,2-Dichloropropane	ND		5.0	0.85	ug/Kg			10/24/24 11:09	1
1,3-Dichlorobenzene	ND		5.0	1.6	ug/Kg			10/24/24 11:09	1
1,4-Dichlorobenzene	ND		5.0	0.88	ug/Kg			10/24/24 11:09	1
2-Butanone (MEK)	ND		20	3.6	ug/Kg			10/24/24 11:09	1
2-Hexanone	ND		20	4.1	ug/Kg			10/24/24 11:09	1
4-Methyl-2-pentanone (MIBK)	ND		20	3.7	ug/Kg			10/24/24 11:09	1
Acetone	ND		25	21	ug/Kg			10/24/24 11:09	1
Benzene	ND		5.0	1.5	ug/Kg			10/24/24 11:09	1
Dichlorobromomethane	ND		5.0	1.5	ug/Kg			10/24/24 11:09	1
Bromoform	ND		5.0	2.4	ug/Kg			10/24/24 11:09	1
Bromomethane	ND		5.0	4.2	ug/Kg			10/24/24 11:09	1
Carbon disulfide	ND		5.0	1.2	ug/Kg			10/24/24 11:09	1
Carbon tetrachloride	ND		5.0	3.3	ug/Kg			10/24/24 11:09	1
Chlorobenzene	ND		5.0	0.92	ug/Kg			10/24/24 11:09	1
Chloroethane	ND		5.0	2.7	ug/Kg			10/24/24 11:09	1
Chloroform	ND		5.0	1.8	ug/Kg			10/24/24 11:09	1
Chloromethane	ND		5.0	2.3	ug/Kg			10/24/24 11:09	1
cis-1,2-Dichloroethene	ND		5.0	1.5	ug/Kg			10/24/24 11:09	1
cis-1,3-Dichloropropene	ND		5.0	2.9	ug/Kg			10/24/24 11:09	1
Cyclohexane	ND		10	1.4	ug/Kg			10/24/24 11:09	1
Chlorodibromomethane	ND		5.0	2.8	ug/Kg			10/24/24 11:09	1
Dichlorodifluoromethane	ND		5.0	2.3	ug/Kg			10/24/24 11:09	1
Ethylbenzene	ND		5.0	1.0	ug/Kg			10/24/24 11:09	1
Isopropylbenzene	ND		5.0	1.9	ug/Kg			10/24/24 11:09	1
Methyl acetate	ND		25	3.4	ug/Kg			10/24/24 11:09	1
Methyl tert-butyl ether	ND		5.0	2.0	ug/Kg			10/24/24 11:09	1
Methylcyclohexane	ND		10	1.2	ug/Kg			10/24/24 11:09	1
Methylene Chloride	ND		25	12	ug/Kg			10/24/24 11:09	1
Styrene	ND		5.0	1.2	ug/Kg			10/24/24 11:09	1
Tetrachloroethene	ND		5.0	1.9	ug/Kg			10/24/24 11:09	1
Toluene	ND		5.0	0.77	ug/Kg			10/24/24 11:09	1
trans-1,2-Dichloroethene	ND		5.0	1.4	ug/Kg			10/24/24 11:09	1
trans-1,3-Dichloropropene	ND		5.0	1.8	ug/Kg			10/24/24 11:09	1
Trichloroethene	ND		5.0	1.4	ug/Kg			10/24/24 11:09	1
Trichlorofluoromethane	ND		5.0	2.7	ug/Kg			10/24/24 11:09	1
Vinyl chloride	ND		5.0	1.8	ug/Kg			10/24/24 11:09	1
Xylenes, Total	ND		10	1.6	ug/Kg			10/24/24 11:09	1

Method: 8260D - Volatile Organic Compounds by GC/MS (Continued)

Lab Sample ID: MB 240-632210/7
Matrix: Solid
Analysis Batch: 632210

Client Sample ID: Method Blank
Prep Type: Total/NA

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
Toluene-d8 (Surr)	*100*		*56 - 125*		*10/24/24 11:09*	*1*
Dibromofluoromethane (Surr)	*101*		*41 - 138*		*10/24/24 11:09*	*1*
4-Bromofluorobenzene (Surr)	*92*		*41 - 143*		*10/24/24 11:09*	*1*
1,2-Dichloroethane-d4 (Surr)	*101*		*58 - 125*		*10/24/24 11:09*	*1*

Lab Sample ID: LCS 240-632210/5
Matrix: Solid
Analysis Batch: 632210

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
1,1,1-Trichloroethane	50.0	47.2		ug/Kg		94	74 - 136
1,1,2,2-Tetrachloroethane	50.0	44.7		ug/Kg		89	66 - 129
1,1,2-Trichloro-1,2,2-trifluoroethane	50.0	51.3		ug/Kg		103	64 - 148
1,1,2-Trichloroethane	50.0	44.5		ug/Kg		89	79 - 120
1,1-Dichloroethane	50.0	41.7		ug/Kg		83	74 - 121
1,1-Dichloroethene	50.0	45.7		ug/Kg		91	68 - 141
1,2,4-Trichlorobenzene	50.0	53.0		ug/Kg		106	58 - 132
1,2-Dibromo-3-Chloropropane	50.0	52.0		ug/Kg		104	52 - 133
Ethylene Dibromide	50.0	45.0		ug/Kg		90	80 - 121
1,2-Dichlorobenzene	50.0	48.7		ug/Kg		97	73 - 120
1,2-Dichloroethane	50.0	40.4		ug/Kg		81	71 - 123
1,2-Dichloropropane	50.0	40.7		ug/Kg		81	76 - 126
1,3-Dichlorobenzene	50.0	45.1		ug/Kg		90	73 - 120
1,4-Dichlorobenzene	50.0	44.1		ug/Kg		88	74 - 120
2-Butanone (MEK)	100	83.2		ug/Kg		83	63 - 142
2-Hexanone	100	75.3		ug/Kg		75	65 - 142
4-Methyl-2-pentanone (MIBK)	100	88.4		ug/Kg		88	62 - 142
Acetone	100	114		ug/Kg		114	58 - 160
Benzene	50.0	41.1		ug/Kg		82	76 - 121
Dichlorobromomethane	50.0	42.4		ug/Kg		85	71 - 138
Bromoform	50.0	44.2		ug/Kg		88	57 - 140
Bromomethane	50.0	54.0		ug/Kg		108	10 - 171
Carbon disulfide	50.0	49.4		ug/Kg		99	43 - 152
Carbon tetrachloride	50.0	44.8		ug/Kg		90	64 - 144
Chlorobenzene	50.0	43.8		ug/Kg		88	80 - 120
Chloroethane	50.0	49.4		ug/Kg		99	11 - 164
Chloroform	50.0	41.9		ug/Kg		84	78 - 120
Chloromethane	50.0	44.5		ug/Kg		89	41 - 142
cis-1,2-Dichloroethene	50.0	42.6		ug/Kg		85	78 - 124
cis-1,3-Dichloropropene	50.0	37.2		ug/Kg		74	70 - 133
Cyclohexane	50.0	45.6		ug/Kg		91	65 - 137
Chlorodibromomethane	50.0	44.7		ug/Kg		89	68 - 131
Dichlorodifluoromethane	50.0	36.2		ug/Kg		72	21 - 150
Ethylbenzene	50.0	43.4		ug/Kg		87	80 - 120
Isopropylbenzene	50.0	52.6		ug/Kg		105	80 - 130
Methyl acetate	100	82.2		ug/Kg		82	60 - 133
Methyl tert-butyl ether	50.0	42.1		ug/Kg		84	70 - 130
Methylcyclohexane	50.0	43.4		ug/Kg		87	70 - 138

Method: 8260D - Volatile Organic Compounds by GC/MS (Continued)

Lab Sample ID: LCS 240-632210/5
Matrix: Solid
Analysis Batch: 632210

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Methylene Chloride	50.0	49.9		ug/Kg		100	71 - 124
Styrene	50.0	43.6		ug/Kg		87	75 - 140
Tetrachloroethene	50.0	45.1		ug/Kg		90	76 - 127
Toluene	50.0	42.6		ug/Kg		85	80 - 120
trans-1,2-Dichloroethene	50.0	44.3		ug/Kg		89	76 - 130
trans-1,3-Dichloropropene	50.0	43.0		ug/Kg		86	61 - 121
Trichloroethene	50.0	43.4		ug/Kg		87	74 - 130
Trichlorofluoromethane	50.0	52.1		ug/Kg		104	50 - 154
Vinyl chloride	50.0	54.0		ug/Kg		108	49 - 146
Xylenes, Total	100	88.8		ug/Kg		89	80 - 122
m-Xylene & p-Xylene	50.0	42.7		ug/Kg		85	80 - 122
o-Xylene	50.0	46.1		ug/Kg		92	80 - 124

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
Toluene-d8 (Surr)	*100*		*56 - 125*
Dibromofluoromethane (Surr)	*100*		*41 - 138*
4-Bromofluorobenzene (Surr)	*95*		*41 - 143*
1,2-Dichloroethane-d4 (Surr)	*97*		*58 - 125*

Lab Sample ID: 240-213441-5 MS
Matrix: Solid
Analysis Batch: 632210

Client Sample ID: SB-2-16-18
Prep Type: Total/NA
Prep Batch: 632297

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
1,1,1-Trichloroethane	ND		60.0	54.4		ug/Kg	☼	91	46 - 144
1,1,2,2-Tetrachloroethane	ND		60.0	54.6		ug/Kg	☼	91	26 - 159
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		60.0	65.6		ug/Kg	☼	109	35 - 164
1,1,2-Trichloroethane	ND		60.0	51.7		ug/Kg	☼	86	26 - 149
1,1-Dichloroethane	ND		60.0	47.2		ug/Kg	☼	79	46 - 135
1,1-Dichloroethene	ND		60.0	55.6		ug/Kg	☼	93	44 - 160
1,2,4-Trichlorobenzene	ND		60.0	27.1		ug/Kg	☼	45	10 - 120
1,2-Dibromo-3-Chloropropane	ND		60.0	51.2		ug/Kg	☼	85	12 - 144
Ethylene Dibromide	ND		60.0	45.2		ug/Kg	☼	75	31 - 142
1,2-Dichlorobenzene	ND		60.0	42.5		ug/Kg	☼	71	10 - 126
1,2-Dichloroethane	ND		60.0	44.8		ug/Kg	☼	75	40 - 132
1,2-Dichloropropane	ND		60.0	46.1		ug/Kg	☼	77	45 - 133
1,3-Dichlorobenzene	ND		60.0	36.0		ug/Kg	☼	60	10 - 131
1,4-Dichlorobenzene	ND		60.0	35.0		ug/Kg	☼	58	10 - 129
2-Butanone (MEK)	ND		120	97.6		ug/Kg	☼	81	30 - 157
2-Hexanone	ND		120	86.2		ug/Kg	☼	72	20 - 166
4-Methyl-2-pentanone (MIBK)	ND		120	107		ug/Kg	☼	89	31 - 159
Acetone	ND		120	126		ug/Kg	☼	105	35 - 167
Benzene	ND		60.0	45.5		ug/Kg	☼	76	39 - 134
Dichlorobromomethane	ND		60.0	45.3		ug/Kg	☼	76	32 - 146
Bromoform	ND		60.0	44.4		ug/Kg	☼	74	12 - 144
Bromomethane	ND		60.0	62.7		ug/Kg	☼	104	10 - 161
Carbon disulfide	ND		60.0	46.8		ug/Kg	☼	78	24 - 153
Carbon tetrachloride	ND		60.0	48.8		ug/Kg	☼	81	37 - 145

Method: 8260D - Volatile Organic Compounds by GC/MS (Continued)

Lab Sample ID: 240-213441-5 MS
Matrix: Solid
Analysis Batch: 632210

Client Sample ID: SB-2-16-18
Prep Type: Total/NA
Prep Batch: 632297

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Chlorobenzene	ND		60.0	42.5		ug/Kg	☼	71	18 - 134
Chloroethane	ND		60.0	54.6		ug/Kg	☼	91	14 - 159
Chloroform	ND		60.0	47.4		ug/Kg	☼	79	43 - 134
Chloromethane	ND		60.0	51.0		ug/Kg	☼	85	32 - 151
cis-1,2-Dichloroethene	ND		60.0	45.1		ug/Kg	☼	75	48 - 132
cis-1,3-Dichloropropene	ND		60.0	34.8		ug/Kg	☼	58	23 - 139
Cyclohexane	ND		60.0	51.3		ug/Kg	☼	86	31 - 147
Chlorodibromomethane	ND		60.0	46.7		ug/Kg	☼	78	25 - 143
Dichlorodifluoromethane	ND		60.0	41.3		ug/Kg	☼	69	16 - 157
Ethylbenzene	ND		60.0	44.1		ug/Kg	☼	74	17 - 137
Isopropylbenzene	ND		60.0	53.8		ug/Kg	☼	90	10 - 146
Methyl acetate	ND		120	92.2		ug/Kg	☼	77	13 - 164
Methyl tert-butyl ether	ND		60.0	51.4		ug/Kg	☼	86	55 - 134
Methylcyclohexane	ND		60.0	45.1		ug/Kg	☼	75	20 - 153
Methylene Chloride	ND		60.0	58.0		ug/Kg	☼	97	38 - 145
Styrene	ND		60.0	40.2		ug/Kg	☼	67	10 - 149
Tetrachloroethene	ND		60.0	45.6		ug/Kg	☼	76	19 - 147
Toluene	ND		60.0	46.3		ug/Kg	☼	77	30 - 137
trans-1,2-Dichloroethene	ND		60.0	44.8		ug/Kg	☼	75	41 - 145
trans-1,3-Dichloropropene	ND		60.0	38.6		ug/Kg	☼	64	19 - 130
Trichloroethene	ND		60.0	42.6		ug/Kg	☼	71	21 - 158
Trichlorofluoromethane	ND		60.0	57.0		ug/Kg	☼	95	36 - 161
Vinyl chloride	ND		60.0	58.1		ug/Kg	☼	97	32 - 163
Xylenes, Total	ND		120	92.3		ug/Kg	☼	77	17 - 138
m-Xylene & p-Xylene	ND		60.0	42.9		ug/Kg	☼	71	10 - 141
o-Xylene	ND		60.0	49.4		ug/Kg	☼	82	18 - 139

Surrogate	*MS %Recovery*	*MS Qualifier*	*Limits*
Toluene-d8 (Surr)	*95*		*56 - 125*
Dibromofluoromethane (Surr)	*91*		*41 - 138*
4-Bromofluorobenzene (Surr)	*90*		*41 - 143*
1,2-Dichloroethane-d4 (Surr)	*89*		*58 - 125*

Lab Sample ID: 240-213441-5 MSD
Matrix: Solid
Analysis Batch: 632210

Client Sample ID: SB-2-16-18
Prep Type: Total/NA
Prep Batch: 632297

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
1,1,1-Trichloroethane	ND		57.7	51.0		ug/Kg	☼	88	46 - 144	6	37
1,1,2,2-Tetrachloroethane	ND		57.7	50.0		ug/Kg	☼	87	26 - 159	9	40
1,1,2-Trichloro-1,2,2-trifluoroetha ne	ND		57.7	61.0		ug/Kg	☼	106	35 - 164	7	37
1,1,2-Trichloroethane	ND		57.7	47.0		ug/Kg	☼	81	26 - 149	9	40
1,1-Dichloroethane	ND		57.7	45.6		ug/Kg	☼	79	46 - 135	4	36
1,1-Dichloroethene	ND		57.7	52.5		ug/Kg	☼	91	44 - 160	6	37
1,2,4-Trichlorobenzene	ND		57.7	23.6		ug/Kg	☼	41	10 - 120	14	40
1,2-Dibromo-3-Chloropropane	ND		57.7	49.1		ug/Kg	☼	85	12 - 144	4	40
Ethylene Dibromide	ND		57.7	40.8		ug/Kg	☼	71	31 - 142	10	40
1,2-Dichlorobenzene	ND		57.7	39.0		ug/Kg	☼	67	10 - 126	9	40

Method: 8260D - Volatile Organic Compounds by GC/MS (Continued)

Lab Sample ID: 240-213441-5 MSD
Matrix: Solid
Analysis Batch: 632210

Client Sample ID: SB-2-16-18
Prep Type: Total/NA
Prep Batch: 632297

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
1,2-Dichloroethane	ND		57.7	42.3		ug/Kg	☼	73	40 - 132	6	35
1,2-Dichloropropane	ND		57.7	43.6		ug/Kg	☼	76	45 - 133	5	37
1,3-Dichlorobenzene	ND		57.7	33.5		ug/Kg	☼	58	10 - 131	7	40
1,4-Dichlorobenzene	ND		57.7	31.9		ug/Kg	☼	55	10 - 129	9	40
2-Butanone (MEK)	ND		115	96.8		ug/Kg	☼	84	30 - 157	1	40
2-Hexanone	ND		115	81.7		ug/Kg	☼	71	20 - 166	5	40
4-Methyl-2-pentanone (MIBK)	ND		115	101		ug/Kg	☼	87	31 - 159	5	40
Acetone	ND		115	107		ug/Kg	☼	93	35 - 167	16	40
Benzene	ND		57.7	43.2		ug/Kg	☼	75	39 - 134	5	40
Dichlorobromomethane	ND		57.7	42.5		ug/Kg	☼	74	32 - 146	6	39
Bromoform	ND		57.7	40.5		ug/Kg	☼	70	12 - 144	9	40
Bromomethane	ND		57.7	58.5		ug/Kg	☼	101	10 - 161	7	40
Carbon disulfide	ND		57.7	42.9		ug/Kg	☼	74	24 - 153	9	40
Carbon tetrachloride	ND		57.7	46.6		ug/Kg	☼	81	37 - 145	5	38
Chlorobenzene	ND		57.7	39.0		ug/Kg	☼	68	18 - 134	9	40
Chloroethane	ND		57.7	52.6		ug/Kg	☼	91	14 - 159	4	40
Chloroform	ND		57.7	45.1		ug/Kg	☼	78	43 - 134	5	36
Chloromethane	ND		57.7	48.2		ug/Kg	☼	83	32 - 151	6	38
cis-1,2-Dichloroethene	ND		57.7	42.3		ug/Kg	☼	73	48 - 132	6	37
cis-1,3-Dichloropropene	ND		57.7	32.9		ug/Kg	☼	57	23 - 139	6	39
Cyclohexane	ND		57.7	48.1		ug/Kg	☼	83	31 - 147	7	39
Chlorodibromomethane	ND		57.7	42.6		ug/Kg	☼	74	25 - 143	9	40
Dichlorodifluoromethane	ND		57.7	38.9		ug/Kg	☼	67	16 - 157	6	40
Ethylbenzene	ND		57.7	40.1		ug/Kg	☼	70	17 - 137	9	40
Isopropylbenzene	ND		57.7	49.2		ug/Kg	☼	85	10 - 146	9	40
Methyl acetate	ND		115	90.3		ug/Kg	☼	78	13 - 164	2	40
Methyl tert-butyl ether	ND		57.7	49.1		ug/Kg	☼	85	55 - 134	5	37
Methylcyclohexane	ND		57.7	42.2		ug/Kg	☼	73	20 - 153	7	40
Methylene Chloride	ND		57.7	54.2		ug/Kg	☼	94	38 - 145	7	40
Styrene	ND		57.7	36.5		ug/Kg	☼	63	10 - 149	10	40
Tetrachloroethene	ND		57.7	41.7		ug/Kg	☼	72	19 - 147	9	40
Toluene	ND		57.7	43.1		ug/Kg	☼	75	30 - 137	7	40
trans-1,2-Dichloroethene	ND		57.7	42.0		ug/Kg	☼	73	41 - 145	7	37
trans-1,3-Dichloropropene	ND		57.7	35.0		ug/Kg	☼	61	19 - 130	10	40
Trichloroethene	ND		57.7	41.0		ug/Kg	☼	71	21 - 158	4	40
Trichlorofluoromethane	ND		57.7	54.4		ug/Kg	☼	94	36 - 161	5	40
Vinyl chloride	ND		57.7	54.9		ug/Kg	☼	95	32 - 163	6	38
Xylenes, Total	ND		115	84.7		ug/Kg	☼	73	17 - 138	9	40
m-Xylene & p-Xylene	ND		57.7	39.5		ug/Kg	☼	68	10 - 141	8	40
o-Xylene	ND		57.7	45.2		ug/Kg	☼	78	18 - 139	9	40

Surrogate	*MSD %Recovery*	*MSD Qualifier*	*Limits*
Toluene-d8 (Surr)	*104*		*56 - 125*
Dibromofluoromethane (Surr)	*100*		*41 - 138*
4-Bromofluorobenzene (Surr)	*100*		*41 - 143*
1,2-Dichloroethane-d4 (Surr)	*97*		*58 - 125*

Method: 8260D - Volatile Organic Compounds by GC/MS (Continued)

Lab Sample ID: MB 240-632868/7
Matrix: Water
Analysis Batch: 632868

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		1.0	0.48	ug/L			10/29/24 10:07	1
1,1,2,2-Tetrachloroethane	ND		1.0	0.60	ug/L			10/29/24 10:07	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		1.0	0.41	ug/L			10/29/24 10:07	1
1,1,2-Trichloroethane	ND		1.0	0.48	ug/L			10/29/24 10:07	1
1,1-Dichloroethane	ND		1.0	0.47	ug/L			10/29/24 10:07	1
1,1-Dichloroethene	ND		1.0	0.49	ug/L			10/29/24 10:07	1
1,2,4-Trichlorobenzene	ND		1.0	0.77	ug/L			10/29/24 10:07	1
1,2-Dibromo-3-Chloropropane	ND		2.0	0.91	ug/L			10/29/24 10:07	1
Ethylene Dibromide	ND		1.0	0.41	ug/L			10/29/24 10:07	1
1,2-Dichlorobenzene	ND		1.0	0.48	ug/L			10/29/24 10:07	1
1,2-Dichloroethane	ND		1.0	0.46	ug/L			10/29/24 10:07	1
1,2-Dichloropropane	ND		1.0	0.47	ug/L			10/29/24 10:07	1
1,3-Dichlorobenzene	ND		1.0	0.45	ug/L			10/29/24 10:07	1
1,4-Dichlorobenzene	ND		1.0	0.41	ug/L			10/29/24 10:07	1
2-Butanone (MEK)	ND		10	1.2	ug/L			10/29/24 10:07	1
2-Hexanone	ND		10	1.1	ug/L			10/29/24 10:07	1
4-Methyl-2-pentanone (MIBK)	ND		10	0.99	ug/L			10/29/24 10:07	1
Acetone	ND		10	5.4	ug/L			10/29/24 10:07	1
Benzene	ND		1.0	0.42	ug/L			10/29/24 10:07	1
Dichlorobromomethane	ND		1.0	0.38	ug/L			10/29/24 10:07	1
Bromoform	ND		1.0	0.76	ug/L			10/29/24 10:07	1
Bromomethane	ND		1.0	0.42	ug/L			10/29/24 10:07	1
Carbon disulfide	ND		1.0	0.59	ug/L			10/29/24 10:07	1
Carbon tetrachloride	ND		1.0	0.26	ug/L			10/29/24 10:07	1
Chlorobenzene	ND		1.0	0.38	ug/L			10/29/24 10:07	1
Chloroethane	ND		1.0	0.83	ug/L			10/29/24 10:07	1
Chloroform	ND		1.0	0.47	ug/L			10/29/24 10:07	1
Chloromethane	ND		1.0	0.63	ug/L			10/29/24 10:07	1
cis-1,2-Dichloroethene	ND		1.0	0.46	ug/L			10/29/24 10:07	1
cis-1,3-Dichloropropene	ND		1.0	0.61	ug/L			10/29/24 10:07	1
Cyclohexane	ND		1.0	0.48	ug/L			10/29/24 10:07	1
Chlorodibromomethane	ND		1.0	0.39	ug/L			10/29/24 10:07	1
Dichlorodifluoromethane	ND		1.0	0.35	ug/L			10/29/24 10:07	1
Ethylbenzene	ND		1.0	0.42	ug/L			10/29/24 10:07	1
Isopropylbenzene	ND		1.0	0.49	ug/L			10/29/24 10:07	1
Methyl acetate	ND		10	1.7	ug/L			10/29/24 10:07	1
Methyl tert-butyl ether	ND		1.0	0.47	ug/L			10/29/24 10:07	1
Methylcyclohexane	ND		1.0	0.33	ug/L			10/29/24 10:07	1
Methylene Chloride	ND		5.0	2.6	ug/L			10/29/24 10:07	1
Styrene	ND		1.0	0.45	ug/L			10/29/24 10:07	1
Tetrachloroethene	ND		1.0	0.44	ug/L			10/29/24 10:07	1
Toluene	ND		1.0	0.44	ug/L			10/29/24 10:07	1
trans-1,2-Dichloroethene	ND		1.0	0.51	ug/L			10/29/24 10:07	1
trans-1,3-Dichloropropene	ND		1.0	0.67	ug/L			10/29/24 10:07	1
Trichloroethene	ND		1.0	0.44	ug/L			10/29/24 10:07	1
Trichlorofluoromethane	ND		1.0	0.45	ug/L			10/29/24 10:07	1
Vinyl chloride	ND		1.0	0.45	ug/L			10/29/24 10:07	1
Xylenes, Total	ND		2.0	0.42	ug/L			10/29/24 10:07	1

Method: 8260D - Volatile Organic Compounds by GC/MS (Continued)

Lab Sample ID: MB 240-632868/7
Matrix: Water
Analysis Batch: 632868

Client Sample ID: Method Blank
Prep Type: Total/NA

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
Toluene-d8 (Surr)	*97*		*78 - 122*		*10/29/24 10:07*	*1*
Dibromofluoromethane (Surr)	*89*		*73 - 120*		*10/29/24 10:07*	*1*
4-Bromofluorobenzene (Surr)	*101*		*56 - 136*		*10/29/24 10:07*	*1*
1,2-Dichloroethane-d4 (Surr)	*89*		*62 - 137*		*10/29/24 10:07*	*1*

Lab Sample ID: LCS 240-632868/4
Matrix: Water
Analysis Batch: 632868

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
1,1,1-Trichloroethane	25.0	24.2		ug/L		97	64 - 131
1,1,2,2-Tetrachloroethane	25.0	20.1		ug/L		81	58 - 157
1,1,2-Trichloro-1,2,2-trifluoroethane	25.0	22.9		ug/L		91	51 - 146
1,1,2-Trichloroethane	25.0	21.8		ug/L		87	70 - 138
1,1-Dichloroethane	25.0	19.2		ug/L		77	72 - 127
1,1-Dichloroethene	25.0	22.7		ug/L		91	63 - 134
1,2,4-Trichlorobenzene	25.0	23.2		ug/L		93	44 - 147
1,2-Dibromo-3-Chloropropane	25.0	19.6		ug/L		78	53 - 135
Ethylene Dibromide	25.0	21.4		ug/L		86	71 - 134
1,2-Dichlorobenzene	25.0	20.8		ug/L		83	78 - 120
1,2-Dichloroethane	25.0	20.8		ug/L		83	66 - 128
1,2-Dichloropropane	25.0	20.0		ug/L		80	75 - 133
1,3-Dichlorobenzene	25.0	22.7		ug/L		91	80 - 120
1,4-Dichlorobenzene	25.0	22.2		ug/L		89	80 - 120
2-Butanone (MEK)	50.0	28.5		ug/L		57	54 - 156
2-Hexanone	50.0	33.8		ug/L		68	43 - 167
4-Methyl-2-pentanone (MIBK)	50.0	32.4		ug/L		65	46 - 158
Acetone	50.0	33.2		ug/L		66	50 - 149
Benzene	25.0	21.4		ug/L		85	77 - 123
Dichlorobromomethane	25.0	20.3		ug/L		81	69 - 126
Bromoform	25.0	22.0		ug/L		88	57 - 129
Bromomethane	12.5	12.5		ug/L		100	36 - 142
Carbon disulfide	25.0	22.4		ug/L		89	43 - 140
Carbon tetrachloride	25.0	26.0		ug/L		104	55 - 137
Chlorobenzene	25.0	21.8		ug/L		87	80 - 121
Chloroethane	12.5	9.34		ug/L		75	38 - 152
Chloroform	25.0	20.8		ug/L		83	74 - 122
Chloromethane	12.5	7.79		ug/L		62	47 - 143
cis-1,2-Dichloroethene	25.0	22.3		ug/L		89	77 - 123
cis-1,3-Dichloropropene	25.0	21.3		ug/L		85	64 - 130
Cyclohexane	25.0	20.0		ug/L		80	58 - 146
Chlorodibromomethane	25.0	23.3		ug/L		93	70 - 124
Dichlorodifluoromethane	12.5	8.74		ug/L		70	34 - 153
Ethylbenzene	25.0	25.3		ug/L		101	80 - 121
Isopropylbenzene	25.0	29.1		ug/L		116	74 - 128
Methyl acetate	50.0	27.4		ug/L		55	42 - 169
Methyl tert-butyl ether	25.0	22.3		ug/L		89	65 - 126
Methylcyclohexane	25.0	23.2		ug/L		93	62 - 136

Method: 8260D - Volatile Organic Compounds by GC/MS (Continued)

Lab Sample ID: LCS 240-632868/4
Matrix: Water
Analysis Batch: 632868

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Methylene Chloride	25.0	22.4		ug/L		90	71 - 125
Styrene	25.0	25.0		ug/L		100	80 - 135
Tetrachloroethene	25.0	24.3		ug/L		97	76 - 123
Toluene	25.0	22.5		ug/L		90	80 - 123
trans-1,2-Dichloroethene	25.0	20.4		ug/L		82	75 - 124
trans-1,3-Dichloropropene	25.0	23.4		ug/L		94	57 - 129
Trichloroethene	25.0	20.8		ug/L		83	70 - 122
Trichlorofluoromethane	12.5	10.4		ug/L		83	30 - 170
Vinyl chloride	12.5	8.61		ug/L		69	60 - 144
Xylenes, Total	50.0	51.3		ug/L		103	80 - 121
m-Xylene & p-Xylene	25.0	25.3		ug/L		101	80 - 120
o-Xylene	25.0	26.0		ug/L		104	80 - 123

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
Toluene-d8 (Surr)	*95*		*78 - 122*
Dibromofluoromethane (Surr)	*87*		*73 - 120*
4-Bromofluorobenzene (Surr)	*101*		*56 - 136*
1,2-Dichloroethane-d4 (Surr)	*85*		*62 - 137*

Method: 8270E - Semivolatile Organic Compounds (GC/MS)

Lab Sample ID: MB 240-632215/1-A
Matrix: Solid
Analysis Batch: 632390

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 632215

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1'-Biphenyl	ND		100	28	ug/Kg		10/24/24 08:36	10/25/24 07:50	1
bis (2-chloroisopropyl) ether	ND		100	26	ug/Kg		10/24/24 08:36	10/25/24 07:50	1
2,4,5-Trichlorophenol	ND		150	33	ug/Kg		10/24/24 08:36	10/25/24 07:50	1
2,4,6-Trichlorophenol	ND		150	29	ug/Kg		10/24/24 08:36	10/25/24 07:50	1
2,4-Dichlorophenol	ND		150	27	ug/Kg		10/24/24 08:36	10/25/24 07:50	1
2,4-Dimethylphenol	ND		150	36	ug/Kg		10/24/24 08:36	10/25/24 07:50	1
2,4-Dinitrophenol	ND		330	170	ug/Kg		10/24/24 08:36	10/25/24 07:50	1
2,4-Dinitrotoluene	ND		200	23	ug/Kg		10/24/24 08:36	10/25/24 07:50	1
2,6-Dinitrotoluene	ND		200	36	ug/Kg		10/24/24 08:36	10/25/24 07:50	1
2-Chloronaphthalene	ND		100	28	ug/Kg		10/24/24 08:36	10/25/24 07:50	1
2-Chlorophenol	ND		100	26	ug/Kg		10/24/24 08:36	10/25/24 07:50	1
2-Methylnaphthalene	ND		40	13	ug/Kg		10/24/24 08:36	10/25/24 07:50	1
2-Methylphenol	ND		200	41	ug/Kg		10/24/24 08:36	10/25/24 07:50	1
2-Nitroaniline	ND		200	38	ug/Kg		10/24/24 08:36	10/25/24 07:50	1
2-Nitrophenol	ND		100	35	ug/Kg		10/24/24 08:36	10/25/24 07:50	1
3,3'-Dichlorobenzidine	ND		150	95	ug/Kg		10/24/24 08:36	10/25/24 07:50	1
3-Nitroaniline	ND		200	35	ug/Kg		10/24/24 08:36	10/25/24 07:50	1
4,6-Dinitro-2-methylphenol	ND		330	100	ug/Kg		10/24/24 08:36	10/25/24 07:50	1
4-Bromophenyl phenyl ether	ND		100	32	ug/Kg		10/24/24 08:36	10/25/24 07:50	1
4-Chloro-3-methylphenol	ND		150	38	ug/Kg		10/24/24 08:36	10/25/24 07:50	1
4-Chloroaniline	ND		150	16	ug/Kg		10/24/24 08:36	10/25/24 07:50	1
4-Chlorophenyl phenyl ether	ND		100	28	ug/Kg		10/24/24 08:36	10/25/24 07:50	1
4-Nitroaniline	ND		200	26	ug/Kg		10/24/24 08:36	10/25/24 07:50	1

Method: 8270E - Semivolatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: MB 240-632215/1-A
Matrix: Solid
Analysis Batch: 632390

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 632215

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
4-Nitrophenol	ND		330	90	ug/Kg		10/24/24 08:36	10/25/24 07:50	1
Acenaphthene	ND		40	14	ug/Kg		10/24/24 08:36	10/25/24 07:50	1
Acenaphthylene	ND		40	15	ug/Kg		10/24/24 08:36	10/25/24 07:50	1
Acetophenone	ND		100	25	ug/Kg		10/24/24 08:36	10/25/24 07:50	1
Anthracene	ND		40	12	ug/Kg		10/24/24 08:36	10/25/24 07:50	1
Atrazine	ND		330	69	ug/Kg		10/24/24 08:36	10/25/24 07:50	1
Benzaldehyde	ND		330	56	ug/Kg		10/24/24 08:36	10/25/24 07:50	1
Benzo[a]anthracene	ND		40	15	ug/Kg		10/24/24 08:36	10/25/24 07:50	1
Benzo[a]pyrene	ND		40	14	ug/Kg		10/24/24 08:36	10/25/24 07:50	1
Benzo[b]fluoranthene	ND		40	12	ug/Kg		10/24/24 08:36	10/25/24 07:50	1
Benzo[g,h,i]perylene	ND		40	27	ug/Kg		10/24/24 08:36	10/25/24 07:50	1
Benzo[k]fluoranthene	ND		40	10	ug/Kg		10/24/24 08:36	10/25/24 07:50	1
Bis(2-chloroethoxy)methane	ND		100	20	ug/Kg		10/24/24 08:36	10/25/24 07:50	1
Bis(2-chloroethyl)ether	ND		100	22	ug/Kg		10/24/24 08:36	10/25/24 07:50	1
Bis(2-ethylhexyl) phthalate	57.7	J	150	56	ug/Kg		10/24/24 08:36	10/25/24 07:50	1
Butyl benzyl phthalate	ND		150	51	ug/Kg		10/24/24 08:36	10/25/24 07:50	1
Caprolactam	ND		330	69	ug/Kg		10/24/24 08:36	10/25/24 07:50	1
Carbazole	ND		100	27	ug/Kg		10/24/24 08:36	10/25/24 07:50	1
Chrysene	ND		40	14	ug/Kg		10/24/24 08:36	10/25/24 07:50	1
Dibenz(a,h)anthracene	ND		40	15	ug/Kg		10/24/24 08:36	10/25/24 07:50	1
Dibenzofuran	ND		100	29	ug/Kg		10/24/24 08:36	10/25/24 07:50	1
Diethyl phthalate	ND		150	43	ug/Kg		10/24/24 08:36	10/25/24 07:50	1
Dimethyl phthalate	ND		150	40	ug/Kg		10/24/24 08:36	10/25/24 07:50	1
Di-n-butyl phthalate	ND		150	51	ug/Kg		10/24/24 08:36	10/25/24 07:50	1
Di-n-octyl phthalate	ND		150	50	ug/Kg		10/24/24 08:36	10/25/24 07:50	1
Fluoranthene	ND		40	14	ug/Kg		10/24/24 08:36	10/25/24 07:50	1
Fluorene	ND		40	14	ug/Kg		10/24/24 08:36	10/25/24 07:50	1
Hexachlorobenzene	ND		40	14	ug/Kg		10/24/24 08:36	10/25/24 07:50	1
Hexachlorobutadiene	ND		100	21	ug/Kg		10/24/24 08:36	10/25/24 07:50	1
Hexachlorocyclopentadiene	ND		330	39	ug/Kg		10/24/24 08:36	10/25/24 07:50	1
Hexachloroethane	ND		100	32	ug/Kg		10/24/24 08:36	10/25/24 07:50	1
Indeno[1,2,3-cd]pyrene	ND		40	12	ug/Kg		10/24/24 08:36	10/25/24 07:50	1
Isophorone	ND		100	26	ug/Kg		10/24/24 08:36	10/25/24 07:50	1
N-Nitrosodi-n-propylamine	ND		100	37	ug/Kg		10/24/24 08:36	10/25/24 07:50	1
N-Nitrosodiphenylamine	ND		100	27	ug/Kg		10/24/24 08:36	10/25/24 07:50	1
Naphthalene	ND		40	13	ug/Kg		10/24/24 08:36	10/25/24 07:50	1
Nitrobenzene	ND		100	22	ug/Kg		10/24/24 08:36	10/25/24 07:50	1
Pentachlorophenol	ND		270	110	ug/Kg		10/24/24 08:36	10/25/24 07:50	1
Phenanthrene	ND		40	13	ug/Kg		10/24/24 08:36	10/25/24 07:50	1
Phenol	ND		100	38	ug/Kg		10/24/24 08:36	10/25/24 07:50	1
Pyrene	ND		40	16	ug/Kg		10/24/24 08:36	10/25/24 07:50	1
3 & 4 Methylphenol	ND		400	41	ug/Kg		10/24/24 08:36	10/25/24 07:50	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Terphenyl-d14 (Surr)	*76*		*37 - 120*	*10/24/24 08:36*	*10/25/24 07:50*	*1*
Phenol-d5 (Surr)	*78*		*29 - 120*	*10/24/24 08:36*	*10/25/24 07:50*	*1*
Nitrobenzene-d5 (Surr)	*66*		*28 - 120*	*10/24/24 08:36*	*10/25/24 07:50*	*1*
2-Fluorophenol (Surr)	*77*		*26 - 120*	*10/24/24 08:36*	*10/25/24 07:50*	*1*

Method: 8270E - Semivolatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: MB 240-632215/1-A
Matrix: Solid
Analysis Batch: 632390

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 632215

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
2-Fluorobiphenyl (Surr)	73		36 - 120	10/24/24 08:36	10/25/24 07:50	1
2,4,6-Tribromophenol (Surr)	76		10 - 120	10/24/24 08:36	10/25/24 07:50	1

Lab Sample ID: LCS 240-632215/2-A
Matrix: Solid
Analysis Batch: 632390

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 632215

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
1,1'-Biphenyl	1330	885		ug/Kg		66	54 - 120
bis (2-chloroisopropyl) ether	1330	811		ug/Kg		61	42 - 120
2,4,5-Trichlorophenol	1330	965		ug/Kg		72	53 - 120
2,4,6-Trichlorophenol	1330	912		ug/Kg		68	53 - 120
2,4-Dichlorophenol	1330	966		ug/Kg		72	55 - 120
2,4-Dimethylphenol	1330	661		ug/Kg		50	39 - 120
2,4-Dinitrophenol	2670	1130		ug/Kg		42	10 - 120
2,4-Dinitrotoluene	1330	1080		ug/Kg		81	56 - 120
2,6-Dinitrotoluene	1330	1020		ug/Kg		76	57 - 120
2-Chloronaphthalene	1330	899		ug/Kg		67	54 - 120
2-Chlorophenol	1330	921		ug/Kg		69	54 - 120
2-Methylnaphthalene	1330	914		ug/Kg		69	56 - 120
2-Methylphenol	1330	949		ug/Kg		71	51 - 120
2-Nitroaniline	1330	1000		ug/Kg		75	53 - 120
2-Nitrophenol	1330	939		ug/Kg		70	51 - 120
3,3'-Dichlorobenzidine	2670	1410		ug/Kg		53	31 - 120
3-Nitroaniline	1330	794		ug/Kg		60	36 - 120
4,6-Dinitro-2-methylphenol	2670	1420		ug/Kg		53	10 - 120
4-Bromophenyl phenyl ether	1330	1020		ug/Kg		77	56 - 120
4-Chloro-3-methylphenol	1330	1020		ug/Kg		76	55 - 120
4-Chloroaniline	1330	540		ug/Kg		40	23 - 120
4-Chlorophenyl phenyl ether	1330	948		ug/Kg		71	54 - 120
4-Nitroaniline	1330	868		ug/Kg		65	46 - 120
4-Nitrophenol	2670	1890		ug/Kg		71	41 - 123
Acenaphthene	1330	887		ug/Kg		67	56 - 120
Acenaphthylene	1330	931		ug/Kg		70	54 - 120
Acetophenone	1330	891		ug/Kg		67	53 - 120
Anthracene	1330	1010		ug/Kg		76	59 - 120
Atrazine	2670	1950		ug/Kg		73	56 - 136
Benzaldehyde	2670	1570		ug/Kg		59	50 - 120
Benzo[a]anthracene	1330	1060		ug/Kg		80	59 - 120
Benzo[a]pyrene	1330	1030		ug/Kg		77	54 - 120
Benzo[b]fluoranthene	1330	1010		ug/Kg		76	58 - 120
Benzo[g,h,i]perylene	1330	1040		ug/Kg		78	56 - 120
Benzo[k]fluoranthene	1330	1040		ug/Kg		78	59 - 120
Bis(2-chloroethoxy)methane	1330	887		ug/Kg		67	53 - 120
Bis(2-chloroethyl)ether	1330	776		ug/Kg		58	45 - 120
Bis(2-ethylhexyl) phthalate	1330	1050		ug/Kg		79	52 - 120
Butyl benzyl phthalate	1330	1040		ug/Kg		78	54 - 120
Caprolactam	2670	2030		ug/Kg		76	55 - 120

Method: 8270E - Semivolatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: LCS 240-632215/2-A
Matrix: Solid
Analysis Batch: 632390

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 632215

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Carbazole	1330	999		ug/Kg		75	61 - 120
Chrysene	1330	1000		ug/Kg		75	58 - 120
Dibenz(a,h)anthracene	1330	1070		ug/Kg		80	54 - 120
Dibenzofuran	1330	929		ug/Kg		70	54 - 120
Diethyl phthalate	1330	1010		ug/Kg		76	58 - 120
Dimethyl phthalate	1330	995		ug/Kg		75	58 - 120
Di-n-butyl phthalate	1330	969		ug/Kg		73	54 - 124
Di-n-octyl phthalate	1330	989		ug/Kg		74	53 - 120
Fluoranthene	1330	1050		ug/Kg		79	59 - 120
Fluorene	1330	930		ug/Kg		70	56 - 120
Hexachlorobenzene	1330	969		ug/Kg		73	51 - 120
Hexachlorobutadiene	1330	864		ug/Kg		65	46 - 120
Hexachlorocyclopentadiene	1330	263	J	ug/Kg		20	12 - 120
Hexachloroethane	1330	832		ug/Kg		62	49 - 120
Indeno[1,2,3-cd]pyrene	1330	1070		ug/Kg		81	53 - 120
Isophorone	1330	927		ug/Kg		69	52 - 120
N-Nitrosodi-n-propylamine	1330	886		ug/Kg		66	52 - 120
N-Nitrosodiphenylamine	1330	982		ug/Kg		74	58 - 120
Naphthalene	1330	881		ug/Kg		66	54 - 120
Nitrobenzene	1330	867		ug/Kg		65	52 - 120
Pentachlorophenol	2670	1360		ug/Kg		51	31 - 120
Phenanthrene	1330	947		ug/Kg		71	57 - 120
Phenol	1330	941		ug/Kg		71	48 - 120
Pyrene	1330	1040		ug/Kg		78	59 - 120
3 & 4 Methylphenol	1330	983		ug/Kg		74	51 - 120

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
Terphenyl-d14 (Surr)	*68*		*37 - 120*
Phenol-d5 (Surr)	*64*		*29 - 120*
Nitrobenzene-d5 (Surr)	*62*		*28 - 120*
2-Fluorophenol (Surr)	*63*		*26 - 120*
2-Fluorobiphenyl (Surr)	*61*		*36 - 120*
2,4,6-Tribromophenol (Surr)	*72*		*10 - 120*

Method: 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Lab Sample ID: MB 240-632121/1-A
Matrix: Solid
Analysis Batch: 632345

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 632121

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aroclor-1016	ND		50	25	ug/Kg		10/23/24 12:00	10/24/24 23:45	1
Aroclor-1221	ND		50	30	ug/Kg		10/23/24 12:00	10/24/24 23:45	1
Aroclor-1232	ND		50	21	ug/Kg		10/23/24 12:00	10/24/24 23:45	1
Aroclor-1242	ND		50	19	ug/Kg		10/23/24 12:00	10/24/24 23:45	1
Aroclor-1248	ND		50	17	ug/Kg		10/23/24 12:00	10/24/24 23:45	1
Aroclor-1254	ND		50	21	ug/Kg		10/23/24 12:00	10/24/24 23:45	1
Aroclor-1260	ND		50	21	ug/Kg		10/23/24 12:00	10/24/24 23:45	1
Aroclor-1262	ND		50	22	ug/Kg		10/23/24 12:00	10/24/24 23:45	1

Method: 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography (Continued)

Lab Sample ID: MB 240-632121/1-A
Matrix: Solid
Analysis Batch: 632345

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 632121

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aroclor-1268	ND		50	16	ug/Kg		10/23/24 12:00	10/24/24 23:45	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Tetrachloro-m-xylene	*45*		*10 - 149*	*10/23/24 12:00*	*10/24/24 23:45*	*1*
DCB Decachlorobiphenyl	*42*		*10 - 174*	*10/23/24 12:00*	*10/24/24 23:45*	*1*

Lab Sample ID: LCS 240-632121/2-A
Matrix: Solid
Analysis Batch: 632345

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 632121

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
Aroclor-1016			1000	391		ug/Kg		39	28 - 140		
Aroclor-1260			1000	415		ug/Kg		42	39 - 153		

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
Tetrachloro-m-xylene	*44*		*10 - 149*
DCB Decachlorobiphenyl	*49*		*10 - 174*

Lab Sample ID: 240-213441-1 MS
Matrix: Solid
Analysis Batch: 632345

Client Sample ID: SB-1-4-6
Prep Type: Total/NA
Prep Batch: 632121

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits		
Aroclor-1016	ND		1180	678		ug/Kg	☼	58	10 - 146		
Aroclor-1260	ND		1180	807		ug/Kg	☼	68	10 - 158		

Surrogate	*MS %Recovery*	*MS Qualifier*	*Limits*
Tetrachloro-m-xylene	*69*		*10 - 149*
DCB Decachlorobiphenyl	*78*		*10 - 174*

Lab Sample ID: 240-213441-1 MSD
Matrix: Solid
Analysis Batch: 632345

Client Sample ID: SB-1-4-6
Prep Type: Total/NA
Prep Batch: 632121

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Aroclor-1016	ND		1140	732		ug/Kg	☼	64	10 - 146	8	40
Aroclor-1260	ND		1140	851		ug/Kg	☼	75	10 - 158	5	40

Surrogate	*MSD %Recovery*	*MSD Qualifier*	*Limits*
Tetrachloro-m-xylene	*75*		*10 - 149*
DCB Decachlorobiphenyl	*85*		*10 - 174*

Method: 6010D - Metals (ICP)

Lab Sample ID: MB 240-631904/1-A
Matrix: Solid
Analysis Batch: 632183

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 631904

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	ND		1.5	0.32	mg/Kg		10/22/24 15:00	10/23/24 09:44	1
Barium	ND		20	0.13	mg/Kg		10/22/24 15:00	10/23/24 09:44	1
Cadmium	ND		0.50	0.048	mg/Kg		10/22/24 15:00	10/23/24 09:44	1
Chromium	ND		1.0	0.34	mg/Kg		10/22/24 15:00	10/23/24 09:44	1
Copper	ND		2.5	0.70	mg/Kg		10/22/24 15:00	10/23/24 09:44	1
Lead	ND		1.0	0.28	mg/Kg		10/22/24 15:00	10/23/24 09:44	1
Selenium	ND		2.0	0.47	mg/Kg		10/22/24 15:00	10/23/24 09:44	1
Silver	ND		1.0	0.081	mg/Kg		10/22/24 15:00	10/23/24 09:44	1
Zinc	ND		5.0	3.6	mg/Kg		10/22/24 15:00	10/23/24 09:44	1

Lab Sample ID: LCS 240-631904/2-A
Matrix: Solid
Analysis Batch: 632183

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 631904

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Arsenic	200	193		mg/Kg		96	80 - 120
Barium	200	184		mg/Kg		92	80 - 120
Cadmium	100	93.6		mg/Kg		94	80 - 120
Chromium	100	93.2		mg/Kg		93	80 - 120
Copper	100	91.8		mg/Kg		92	80 - 120
Lead	100	90.4		mg/Kg		90	80 - 120
Selenium	200	191		mg/Kg		95	80 - 120
Silver	10.0	9.31		mg/Kg		93	80 - 120
Zinc	100	98.0		mg/Kg		98	80 - 120

Method: 7471B - Mercury (CVAA)

Lab Sample ID: MB 240-631906/1-A
Matrix: Solid
Analysis Batch: 632114

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 631906

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	ND		0.10	0.018	mg/Kg		10/22/24 15:00	10/23/24 09:56	1

Lab Sample ID: LCS 240-631906/2-A
Matrix: Solid
Analysis Batch: 632114

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 631906

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Mercury	0.833	0.798		mg/Kg		96	80 - 120

Method: 7196A - Chromium, Hexavalent

Lab Sample ID: MB 410-570459/1-A
Matrix: Solid
Analysis Batch: 570666

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 570459

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cr (VI)	ND		0.42	0.14	mg/Kg		11/01/24 12:50	11/03/24 01:12	1

Method: 7196A - Chromium, Hexavalent (Continued)

Lab Sample ID: LCS 410-570459/2-A
Matrix: Solid
Analysis Batch: 570666

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 570459

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Cr (VI)	5.00	4.71		mg/Kg		94	80 - 120

Lab Sample ID: LCSI 410-570459/3-A
Matrix: Solid
Analysis Batch: 570666

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 570459

Analyte	Spike Added	LCSI Result	LCSI Qualifier	Unit	D	%Rec	%Rec Limits
Cr (VI)	1050	984		mg/Kg		94	80 - 120

Method: 9012B - Cyanide, Total andor Amenable

Lab Sample ID: MB 240-633012/1-A
Matrix: Solid
Analysis Batch: 633060

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 633012

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cyanide, Total	ND		0.50	0.40	mg/Kg		10/29/24 14:51	10/29/24 17:08	1

Lab Sample ID: LCS 240-633012/2-A
Matrix: Solid
Analysis Batch: 633060

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 633012

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Cyanide, Total	7.55	7.92		mg/Kg		105	65 - 128

Method: Moisture - Percent Moisture

Lab Sample ID: 240-213441-1 DU
Matrix: Solid
Analysis Batch: 631947

Client Sample ID: SB-1-4-6
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	DU Result	DU Qualifier	Unit	D	RPD	RPD Limit
Percent Solids	87.2		87.8		%		0.6	20
Percent Moisture	12.8		12.2		%		4	20

Method: OIA-1677 - Cyanide, Free (Flow Injection)

Lab Sample ID: MB 410-570882/17
Matrix: Solid
Analysis Batch: 570882

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cyanide, Free	ND		0.0060	0.0050	mg/L			11/01/24 11:56	1

Lab Sample ID: MB 410-570882/33
Matrix: Solid
Analysis Batch: 570882

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cyanide, Free	ND		0.0060	0.0050	mg/L			11/01/24 12:36	1

Method: OIA-1677 - Cyanide, Free (Flow Injection) (Continued)

Lab Sample ID: MB 410-570882/49
Matrix: Solid
Analysis Batch: 570882

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cyanide, Free	ND		0.0060	0.0050	mg/L			11/01/24 13:16	1

Lab Sample ID: LCS 410-570882/32
Matrix: Solid
Analysis Batch: 570882

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Cyanide, Free	0.0500	0.0476		mg/L		95	82 - 132

Lab Sample ID: LCS 410-570882/48
Matrix: Solid
Analysis Batch: 570882

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Cyanide, Free	0.0500	0.0485		mg/L		97	82 - 132

Lab Sample ID: MB 410-571173/33
Matrix: Solid
Analysis Batch: 571173

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cyanide, Free	ND		0.0060	0.0050	mg/L			11/04/24 14:59	1

Lab Sample ID: MB 410-571173/49
Matrix: Solid
Analysis Batch: 571173

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cyanide, Free	ND		0.0060	0.0050	mg/L			11/04/24 15:39	1

Lab Sample ID: LCS 410-571173/48
Matrix: Solid
Analysis Batch: 571173

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Cyanide, Free	0.0500	0.0533		mg/L		107	82 - 132

GC/MS VOA

Analysis Batch: 632210

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
240-213441-1	SB-1-4-6	Total/NA	Solid	8260D	632297
240-213441-2	SB-1-18-20	Total/NA	Solid	8260D	632297
240-213441-3	SB-2-6-8	Total/NA	Solid	8260D	632297
240-213441-4	SB-2-10-12	Total/NA	Solid	8260D	632297
240-213441-5	SB-2-16-18	Total/NA	Solid	8260D	632297
MB 240-632210/7	Method Blank	Total/NA	Solid	8260D	
LCS 240-632210/5	Lab Control Sample	Total/NA	Solid	8260D	
240-213441-5 MS	SB-2-16-18	Total/NA	Solid	8260D	632297
240-213441-5 MSD	SB-2-16-18	Total/NA	Solid	8260D	632297

Prep Batch: 632297

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
240-213441-1	SB-1-4-6	Total/NA	Solid	5030C	
240-213441-2	SB-1-18-20	Total/NA	Solid	5030C	
240-213441-3	SB-2-6-8	Total/NA	Solid	5030C	
240-213441-4	SB-2-10-12	Total/NA	Solid	5030C	
240-213441-5	SB-2-16-18	Total/NA	Solid	5030C	
240-213441-5 MS	SB-2-16-18	Total/NA	Solid	5030C	
240-213441-5 MSD	SB-2-16-18	Total/NA	Solid	5030C	

Analysis Batch: 632868

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
240-213441-6	TB-13-20241018	Total/NA	Water	8260D	
MB 240-632868/7	Method Blank	Total/NA	Water	8260D	
LCS 240-632868/4	Lab Control Sample	Total/NA	Water	8260D	

GC/MS Semi VOA

Prep Batch: 632215

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
240-213441-1	SB-1-4-6	Total/NA	Solid	3546	
240-213441-2	SB-1-18-20	Total/NA	Solid	3546	
240-213441-3	SB-2-6-8	Total/NA	Solid	3546	
240-213441-4	SB-2-10-12	Total/NA	Solid	3546	
240-213441-5	SB-2-16-18	Total/NA	Solid	3546	
MB 240-632215/1-A	Method Blank	Total/NA	Solid	3546	
LCS 240-632215/2-A	Lab Control Sample	Total/NA	Solid	3546	

Analysis Batch: 632390

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
240-213441-1	SB-1-4-6	Total/NA	Solid	8270E	632215
240-213441-2	SB-1-18-20	Total/NA	Solid	8270E	632215
240-213441-3	SB-2-6-8	Total/NA	Solid	8270E	632215
240-213441-4	SB-2-10-12	Total/NA	Solid	8270E	632215
240-213441-5	SB-2-16-18	Total/NA	Solid	8270E	632215
MB 240-632215/1-A	Method Blank	Total/NA	Solid	8270E	632215
LCS 240-632215/2-A	Lab Control Sample	Total/NA	Solid	8270E	632215

GC Semi VOA

Prep Batch: 632121

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
240-213441-1	SB-1-4-6	Total/NA	Solid	3546	
240-213441-2	SB-1-18-20	Total/NA	Solid	3546	
240-213441-3	SB-2-6-8	Total/NA	Solid	3546	
240-213441-4	SB-2-10-12	Total/NA	Solid	3546	
240-213441-5	SB-2-16-18	Total/NA	Solid	3546	
MB 240-632121/1-A	Method Blank	Total/NA	Solid	3546	
LCS 240-632121/2-A	Lab Control Sample	Total/NA	Solid	3546	
240-213441-1 MS	SB-1-4-6	Total/NA	Solid	3546	
240-213441-1 MSD	SB-1-4-6	Total/NA	Solid	3546	

Analysis Batch: 632345

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
240-213441-1	SB-1-4-6	Total/NA	Solid	8082A	632121
240-213441-2	SB-1-18-20	Total/NA	Solid	8082A	632121
240-213441-3	SB-2-6-8	Total/NA	Solid	8082A	632121
240-213441-4	SB-2-10-12	Total/NA	Solid	8082A	632121
240-213441-5	SB-2-16-18	Total/NA	Solid	8082A	632121
MB 240-632121/1-A	Method Blank	Total/NA	Solid	8082A	632121
LCS 240-632121/2-A	Lab Control Sample	Total/NA	Solid	8082A	632121
240-213441-1 MS	SB-1-4-6	Total/NA	Solid	8082A	632121
240-213441-1 MSD	SB-1-4-6	Total/NA	Solid	8082A	632121

Metals

Prep Batch: 631904

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
240-213441-1	SB-1-4-6	Total/NA	Solid	3050B	
240-213441-2	SB-1-18-20	Total/NA	Solid	3050B	
240-213441-3	SB-2-6-8	Total/NA	Solid	3050B	
240-213441-4	SB-2-10-12	Total/NA	Solid	3050B	
240-213441-5	SB-2-16-18	Total/NA	Solid	3050B	
MB 240-631904/1-A	Method Blank	Total/NA	Solid	3050B	
LCS 240-631904/2-A	Lab Control Sample	Total/NA	Solid	3050B	

Prep Batch: 631906

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
240-213441-1	SB-1-4-6	Total/NA	Solid	7471B	
240-213441-2	SB-1-18-20	Total/NA	Solid	7471B	
240-213441-3	SB-2-6-8	Total/NA	Solid	7471B	
240-213441-4	SB-2-10-12	Total/NA	Solid	7471B	
240-213441-5	SB-2-16-18	Total/NA	Solid	7471B	
MB 240-631906/1-A	Method Blank	Total/NA	Solid	7471B	
LCS 240-631906/2-A	Lab Control Sample	Total/NA	Solid	7471B	

Analysis Batch: 632114

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
240-213441-1	SB-1-4-6	Total/NA	Solid	7471B	631906
240-213441-2	SB-1-18-20	Total/NA	Solid	7471B	631906
240-213441-3	SB-2-6-8	Total/NA	Solid	7471B	631906
240-213441-4	SB-2-10-12	Total/NA	Solid	7471B	631906
240-213441-5	SB-2-16-18	Total/NA	Solid	7471B	631906

Metals (Continued)

Analysis Batch: 632114 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
MB 240-631906/1-A	Method Blank	Total/NA	Solid	7471B	631906
LCS 240-631906/2-A	Lab Control Sample	Total/NA	Solid	7471B	631906

Analysis Batch: 632183

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
240-213441-1	SB-1-4-6	Total/NA	Solid	6010D	631904
240-213441-2	SB-1-18-20	Total/NA	Solid	6010D	631904
240-213441-3	SB-2-6-8	Total/NA	Solid	6010D	631904
240-213441-4	SB-2-10-12	Total/NA	Solid	6010D	631904
240-213441-5	SB-2-16-18	Total/NA	Solid	6010D	631904
MB 240-631904/1-A	Method Blank	Total/NA	Solid	6010D	631904
LCS 240-631904/2-A	Lab Control Sample	Total/NA	Solid	6010D	631904

General Chemistry

Leach Batch: 567291

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
240-213441-1	SB-1-4-6	ASTM Leach	Solid	D3987-85	
240-213441-2	SB-1-18-20	ASTM Leach	Solid	D3987-85	
240-213441-3	SB-2-6-8	ASTM Leach	Solid	D3987-85	
240-213441-4	SB-2-10-12	ASTM Leach	Solid	D3987-85	
240-213441-5	SB-2-16-18	ASTM Leach	Solid	D3987-85	

Prep Batch: 570459

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
240-213441-1	SB-1-4-6	Total/NA	Solid	3060A	
240-213441-2	SB-1-18-20	Total/NA	Solid	3060A	
240-213441-3	SB-2-6-8	Total/NA	Solid	3060A	
240-213441-4	SB-2-10-12	Total/NA	Solid	3060A	
240-213441-5	SB-2-16-18	Total/NA	Solid	3060A	
MB 410-570459/1-A	Method Blank	Total/NA	Solid	3060A	
LCS 410-570459/2-A	Lab Control Sample	Total/NA	Solid	3060A	
LCSI 410-570459/3-A	Lab Control Sample	Total/NA	Solid	3060A	

Analysis Batch: 570666

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
240-213441-1	SB-1-4-6	Total/NA	Solid	7196A	570459
240-213441-2	SB-1-18-20	Total/NA	Solid	7196A	570459
240-213441-3	SB-2-6-8	Total/NA	Solid	7196A	570459
240-213441-4	SB-2-10-12	Total/NA	Solid	7196A	570459
240-213441-5	SB-2-16-18	Total/NA	Solid	7196A	570459
MB 410-570459/1-A	Method Blank	Total/NA	Solid	7196A	570459
LCS 410-570459/2-A	Lab Control Sample	Total/NA	Solid	7196A	570459
LCSI 410-570459/3-A	Lab Control Sample	Total/NA	Solid	7196A	570459

Analysis Batch: 570882

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
240-213441-1	SB-1-4-6	ASTM Leach	Solid	OIA-1677	567291
240-213441-2	SB-1-18-20	ASTM Leach	Solid	OIA-1677	567291
240-213441-4	SB-2-10-12	ASTM Leach	Solid	OIA-1677	567291
240-213441-5	SB-2-16-18	ASTM Leach	Solid	OIA-1677	567291

General Chemistry (Continued)

Analysis Batch: 570882 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
MB 410-570882/17	Method Blank	Total/NA	Solid	OIA-1677	
MB 410-570882/33	Method Blank	Total/NA	Solid	OIA-1677	
MB 410-570882/49	Method Blank	Total/NA	Solid	OIA-1677	
LCS 410-570882/32	Lab Control Sample	Total/NA	Solid	OIA-1677	
LCS 410-570882/48	Lab Control Sample	Total/NA	Solid	OIA-1677	

Analysis Batch: 571173

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
240-213441-3	SB-2-6-8	ASTM Leach	Solid	OIA-1677	567291
MB 410-571173/33	Method Blank	Total/NA	Solid	OIA-1677	
MB 410-571173/49	Method Blank	Total/NA	Solid	OIA-1677	
LCS 410-571173/48	Lab Control Sample	Total/NA	Solid	OIA-1677	

Analysis Batch: 631947

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
240-213441-1	SB-1-4-6	Total/NA	Solid	Moisture	
240-213441-2	SB-1-18-20	Total/NA	Solid	Moisture	
240-213441-3	SB-2-6-8	Total/NA	Solid	Moisture	
240-213441-4	SB-2-10-12	Total/NA	Solid	Moisture	
240-213441-5	SB-2-16-18	Total/NA	Solid	Moisture	
240-213441-1 DU	SB-1-4-6	Total/NA	Solid	Moisture	

Prep Batch: 633012

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
240-213441-1	SB-1-4-6	Total/NA	Solid	9012B	
240-213441-2	SB-1-18-20	Total/NA	Solid	9012B	
240-213441-3	SB-2-6-8	Total/NA	Solid	9012B	
240-213441-4	SB-2-10-12	Total/NA	Solid	9012B	
240-213441-5	SB-2-16-18	Total/NA	Solid	9012B	
MB 240-633012/1-A	Method Blank	Total/NA	Solid	9012B	
LCS 240-633012/2-A	Lab Control Sample	Total/NA	Solid	9012B	

Analysis Batch: 633060

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
240-213441-1	SB-1-4-6	Total/NA	Solid	9012B	633012
240-213441-2	SB-1-18-20	Total/NA	Solid	9012B	633012
240-213441-3	SB-2-6-8	Total/NA	Solid	9012B	633012
240-213441-4	SB-2-10-12	Total/NA	Solid	9012B	633012
240-213441-5	SB-2-16-18	Total/NA	Solid	9012B	633012
MB 240-633012/1-A	Method Blank	Total/NA	Solid	9012B	633012
LCS 240-633012/2-A	Lab Control Sample	Total/NA	Solid	9012B	633012

Client Sample ID: SB-1-4-6 — **Lab Sample ID: 240-213441-1**
Date Collected: 10/18/24 14:20 — **Matrix: Solid**
Date Received: 10/21/24 16:22

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	Moisture		1	631947	AJ	EET CLE	10/22/24 14:37
ASTM Leach	Leach	D3987-85			567291	UNWS	ELLE	10/24/24 14:15 - 10/25/24 08:00 [1]
ASTM Leach	Analysis	OIA-1677		1	570882	UJE2	ELLE	11/01/24 12:46

Client Sample ID: SB-1-4-6 — **Lab Sample ID: 240-213441-1**
Date Collected: 10/18/24 14:20 — **Matrix: Solid**
Date Received: 10/21/24 16:22 — **Percent Solids: 87.2**

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5030C			632297	TJL2	EET CLE	10/24/24 11:19
Total/NA	Analysis	8260D		1	632210	TJL2	EET CLE	10/24/24 13:17
Total/NA	Prep	3546			632215	BV1	EET CLE	10/24/24 08:36
Total/NA	Analysis	8270E		1	632390	LKG	EET CLE	10/25/24 16:37
Total/NA	Prep	3546			632121	BV1	EET CLE	10/23/24 12:00
Total/NA	Analysis	8082A		1	632345	LSH	EET CLE	10/24/24 19:51
Total/NA	Prep	3050B			631904	DEE	EET CLE	10/22/24 15:00
Total/NA	Analysis	6010D		1	632183	RKT	EET CLE	10/23/24 12:26
Total/NA	Prep	7471B			631906	DEE	EET CLE	10/22/24 15:00
Total/NA	Analysis	7471B		1	632114	S4FJ	EET CLE	10/23/24 10:25
Total/NA	Prep	3060A			570459	W2JF	ELLE	11/01/24 12:50
Total/NA	Analysis	7196A		1	570666	UDS7	ELLE	11/03/24 01:12
Total/NA	Prep	9012B			633012	C5SV	EET CLE	10/29/24 14:51
Total/NA	Analysis	9012B		1	633060	C5SV	EET CLE	10/29/24 17:20

Client Sample ID: SB-1-18-20 — **Lab Sample ID: 240-213441-2**
Date Collected: 10/18/24 14:36 — **Matrix: Solid**
Date Received: 10/21/24 16:22

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	Moisture		1	631947	AJ	EET CLE	10/22/24 14:37
ASTM Leach	Leach	D3987-85			567291	UNWS	ELLE	10/24/24 14:15 - 10/25/24 08:00 [1]
ASTM Leach	Analysis	OIA-1677		1	570882	UJE2	ELLE	11/01/24 12:56

Client Sample ID: SB-1-18-20 — **Lab Sample ID: 240-213441-2**
Date Collected: 10/18/24 14:36 — **Matrix: Solid**
Date Received: 10/21/24 16:22 — **Percent Solids: 87.0**

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5030C			632297	TJL2	EET CLE	10/24/24 11:19
Total/NA	Analysis	8260D		1	632210	TJL2	EET CLE	10/24/24 13:39
Total/NA	Prep	3546			632215	BV1	EET CLE	10/24/24 08:36
Total/NA	Analysis	8270E		1	632390	LKG	EET CLE	10/25/24 17:01
Total/NA	Prep	3546			632121	BV1	EET CLE	10/23/24 12:00
Total/NA	Analysis	8082A		1	632345	LSH	EET CLE	10/24/24 20:37

Lab Chronicle

Client: August Mack Environmental, Inc.
Job ID: 240-213441-1
Project/Site: MSC Canfield - Soil

Client Sample ID: SB-1-18-20
Lab Sample ID: 240-213441-2
Date Collected: 10/18/24 14:36
Matrix: Solid
Date Received: 10/21/24 16:22
Percent Solids: 87.0

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	3050B			631904	DEE	EET CLE	10/22/24 15:00
Total/NA	Analysis	6010D		1	632183	RKT	EET CLE	10/23/24 12:31
Total/NA	Prep	7471B			631906	DEE	EET CLE	10/22/24 15:00
Total/NA	Analysis	7471B		1	632114	S4FJ	EET CLE	10/23/24 10:27
Total/NA	Prep	3060A			570459	W2JF	ELLE	11/01/24 12:50
Total/NA	Analysis	7196A		1	570666	UDS7	ELLE	11/03/24 01:12
Total/NA	Prep	9012B			633012	C5SV	EET CLE	10/29/24 14:51
Total/NA	Analysis	9012B		1	633060	C5SV	EET CLE	10/29/24 17:22

Client Sample ID: SB-2-6-8
Lab Sample ID: 240-213441-3
Date Collected: 10/21/24 09:54
Matrix: Solid
Date Received: 10/21/24 16:22

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	Moisture		1	631947	AJ	EET CLE	10/22/24 14:37
ASTM Leach	Leach	D3987-85			567291	UNWS	ELLE	10/24/24 14:15 - 10/25/24 08:00 [1]
ASTM Leach	Analysis	OIA-1677		1	571173	UJE2	ELLE	11/04/24 15:57

Client Sample ID: SB-2-6-8
Lab Sample ID: 240-213441-3
Date Collected: 10/21/24 09:54
Matrix: Solid
Date Received: 10/21/24 16:22
Percent Solids: 86.7

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5030C			632297	TJL2	EET CLE	10/24/24 11:19
Total/NA	Analysis	8260D		1	632210	TJL2	EET CLE	10/24/24 14:00
Total/NA	Prep	3546			632215	BV1	EET CLE	10/24/24 08:36
Total/NA	Analysis	8270E		1	632390	LKG	EET CLE	10/25/24 17:25
Total/NA	Prep	3546			632121	BV1	EET CLE	10/23/24 12:00
Total/NA	Analysis	8082A		1	632345	LSH	EET CLE	10/24/24 20:53
Total/NA	Prep	3050B			631904	DEE	EET CLE	10/22/24 15:00
Total/NA	Analysis	6010D		1	632183	RKT	EET CLE	10/23/24 12:35
Total/NA	Prep	7471B			631906	DEE	EET CLE	10/22/24 15:00
Total/NA	Analysis	7471B		1	632114	S4FJ	EET CLE	10/23/24 10:32
Total/NA	Prep	3060A			570459	W2JF	ELLE	11/01/24 12:50
Total/NA	Analysis	7196A		1	570666	UDS7	ELLE	11/03/24 01:12
Total/NA	Prep	9012B			633012	C5SV	EET CLE	10/29/24 14:51
Total/NA	Analysis	9012B		1	633060	C5SV	EET CLE	10/29/24 17:24

Client Sample ID: SB-2-10-12
Lab Sample ID: 240-213441-4
Date Collected: 10/21/24 10:05
Matrix: Solid
Date Received: 10/21/24 16:22

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	Moisture		1	631947	AJ	EET CLE	10/22/24 14:37

Lab Chronicle

Client: August Mack Environmental, Inc.
Project/Site: MSC Canfield - Soil

Job ID: 240-213441-1

Client Sample ID: SB-2-10-12

Lab Sample ID: 240-213441-4

Date Collected: 10/21/24 10:05
Matrix: Solid
Date Received: 10/21/24 16:22

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
ASTM Leach	Leach	D3987-85			567291	UNWS	ELLE	10/24/24 14:15 - 10/25/24 08:00 [1]
ASTM Leach	Analysis	OIA-1677		1	570882	UJE2	ELLE	11/01/24 13:53

Client Sample ID: SB-2-10-12

Lab Sample ID: 240-213441-4

Date Collected: 10/21/24 10:05
Matrix: Solid
Date Received: 10/21/24 16:22
Percent Solids: 85.0

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5030C			632297	TJL2	EET CLE	10/24/24 11:19
Total/NA	Analysis	8260D		1	632210	TJL2	EET CLE	10/24/24 14:21
Total/NA	Prep	3546			632215	BV1	EET CLE	10/24/24 08:36
Total/NA	Analysis	8270E		1	632390	LKG	EET CLE	10/25/24 17:49
Total/NA	Prep	3546			632121	BV1	EET CLE	10/23/24 12:00
Total/NA	Analysis	8082A		1	632345	LSH	EET CLE	10/24/24 21:09
Total/NA	Prep	3050B			631904	DEE	EET CLE	10/22/24 15:00
Total/NA	Analysis	6010D		1	632183	RKT	EET CLE	10/23/24 12:39
Total/NA	Prep	7471B			631906	DEE	EET CLE	10/22/24 15:00
Total/NA	Analysis	7471B		1	632114	S4FJ	EET CLE	10/23/24 10:34
Total/NA	Prep	3060A			570459	W2JF	ELLE	11/01/24 12:50
Total/NA	Analysis	7196A		1	570666	UDS7	ELLE	11/03/24 01:12
Total/NA	Prep	9012B			633012	C5SV	EET CLE	10/29/24 14:51
Total/NA	Analysis	9012B		1	633060	C5SV	EET CLE	10/29/24 17:29

Client Sample ID: SB-2-16-18

Lab Sample ID: 240-213441-5

Date Collected: 10/21/24 10:10
Matrix: Solid
Date Received: 10/21/24 16:22

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	Moisture		1	631947	AJ	EET CLE	10/22/24 14:37
ASTM Leach	Leach	D3987-85			567291	UNWS	ELLE	10/24/24 14:15 - 10/25/24 08:00 [1]
ASTM Leach	Analysis	OIA-1677		1	570882	UJE2	ELLE	11/01/24 13:11

Client Sample ID: SB-2-16-18

Lab Sample ID: 240-213441-5

Date Collected: 10/21/24 10:10
Matrix: Solid
Date Received: 10/21/24 16:22
Percent Solids: 81.8

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5030C			632297	TJL2	EET CLE	10/24/24 11:19
Total/NA	Analysis	8260D		1	632210	TJL2	EET CLE	10/24/24 14:43
Total/NA	Prep	3546			632215	BV1	EET CLE	10/24/24 08:36
Total/NA	Analysis	8270E		1	632390	LKG	EET CLE	10/25/24 18:13
Total/NA	Prep	3546			632121	BV1	EET CLE	10/23/24 12:00
Total/NA	Analysis	8082A		1	632345	LSH	EET CLE	10/24/24 21:24
Total/NA	Prep	3050B			631904	DEE	EET CLE	10/22/24 15:00
Total/NA	Analysis	6010D		1	632183	RKT	EET CLE	10/23/24 12:44

Lab Chronicle

Client: August Mack Environmental, Inc.
Project/Site: MSC Canfield - Soil

Job ID: 240-213441-1

Client Sample ID: SB-2-16-18

Lab Sample ID: 240-213441-5

Date Collected: 10/21/24 10:10
Date Received: 10/21/24 16:22

Matrix: Solid
Percent Solids: 81.8

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	7471B			631906	DEE	EET CLE	10/22/24 15:00
Total/NA	Analysis	7471B		1	632114	S4FJ	EET CLE	10/23/24 10:35
Total/NA	Prep	3060A			570459	W2JF	ELLE	11/01/24 12:50
Total/NA	Analysis	7196A		1	570666	UDS7	ELLE	11/03/24 01:12
Total/NA	Prep	9012B			633012	C5SV	EET CLE	10/29/24 14:51
Total/NA	Analysis	9012B		1	633060	C5SV	EET CLE	10/29/24 17:31

Client Sample ID: TB-13-20241018

Lab Sample ID: 240-213441-6

Date Collected: 10/18/24 00:00
Date Received: 10/21/24 16:22

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260D		1	632868	LEE	EET CLE	10/29/24 10:30

[1] This procedure uses a method stipulated length of time for the process. Both start and end times are displayed.

Laboratory References:

EET CLE = Eurofins Cleveland, 180 S. Van Buren Avenue, Barberton, OH 44203, TEL (330)497-9396

ELLE = Eurofins Lancaster Laboratories Environment Testing, LLC, 2425 New Holland Pike, Lancaster, PA 17601, TEL (717)656-2300

Accreditation/Certification Summary

Client: August Mack Environmental, Inc.
Project/Site: MSC Canfield - Soil

Job ID: 240-213441-1

Laboratory: Eurofins Cleveland

All accreditations/certifications held by this laboratory are listed. Not all accreditations/certifications are applicable to this report.

Authority	Program	Identification Number	Expiration Date
California	State	2927	02-28-25
Connecticut	State	PH-0806	12-31-26
Georgia	State	4062	02-27-25
Illinois	NELAP	200004	08-31-25
Iowa	State	421	06-01-25
Kentucky (UST)	State	112225	02-27-25
Kentucky (WW)	State	KY98016	12-30-24
Minnesota	NELAP	039-999-348	12-31-24
New Hampshire	NELAP	225024	09-30-25
New Jersey	NELAP	OH001	07-03-25
New York	NELAP	10975	04-02-25
Ohio VAP	State	ORELAP 4062	02-27-25
Oregon	NELAP	4062	02-27-25
Pennsylvania	NELAP	68-00340	08-31-25
Texas	NELAP	T104704517-22-19	08-31-25
USDA	US Federal Programs	P330-18-00281	01-05-27
Virginia	NELAP	460175	09-14-25
West Virginia DEP	State	210	12-31-24

Laboratory: Eurofins Lancaster Laboratories Environment Testing, LLC

All accreditations/certifications held by this laboratory are listed. Not all accreditations/certifications are applicable to this report.

Authority	Program	Identification Number	Expiration Date
A2LA	Dept. of Defense ELAP	0001.01	11-30-26
A2LA	ISO/IEC 17025	0001.01	11-30-26
Alabama	State	43200	01-31-25
Alaska	State	PA00009	06-30-25
Alaska (UST)	State	17-027	02-28-25
Arizona	State	AZ0780	03-12-25
Arkansas DEQ	State	88-00660	08-09-25
California	State	2792	11-30-24
Colorado	State	PA00009	06-30-25
Connecticut	State	PH-0746	06-30-25
DE Haz. Subst. Cleanup Act (HSCA)	State	019-006 (PA cert)	01-31-25
Delaware (DW)	State	N/A	01-31-25
Florida	NELAP	E87997	06-30-25
Georgia (DW)	State	C048	01-31-25
Hawaii	State	N/A	01-31-25
Illinois	NELAP	200027	01-31-25
Iowa	State	361	03-01-26
Kentucky (DW)	State	KY90088	12-31-24
Kentucky (UST)	State	0001.01	11-30-26
Kentucky (WW)	State	KY90088	12-31-24
Louisiana (All)	NELAP	02055	06-30-25
Maine	State	2019012	03-12-25
Maryland	State	100	06-30-25
Massachusetts	State	M-PA009	06-30-25
Michigan	State	9930	01-31-25
Minnesota	NELAP	042-999-487	12-31-24
Mississippi	State	023	01-31-25

Accreditation/Certification Summary

Client: August Mack Environmental, Inc. Job ID: 240-213441-1
Project/Site: MSC Canfield - Soil

Laboratory: Eurofins Lancaster Laboratories Environment Testing, LLC (Continued)

All accreditations/certifications held by this laboratory are listed. Not all accreditations/certifications are applicable to this report.

Authority	Program	Identification Number	Expiration Date
Missouri	State	450	01-31-25
Montana (DW)	State	0098	01-01-25
Nebraska	State	NE-OS-32-17	01-31-25
New Hampshire	NELAP	2730	01-10-25
New Jersey	NELAP	PA011	06-30-25
New York	NELAP	10670	04-01-25
North Carolina (DW)	State	42705	07-31-25
North Carolina (WW/SW)	State	521	12-31-25
North Dakota	State	R-205	01-31-24 *
Oklahoma	NELAP	9804	08-31-24 *
Oregon	NELAP	PA200001	09-11-25
Pennsylvania	NELAP	36-00037	01-31-25
Quebec Ministry of Environment and Fight against Climate Change	PALA	507	09-16-29
Rhode Island	State	LAO00338	12-30-24
South Carolina	State	89002	01-31-25
Tennessee	State	02838	01-31-25
Texas	NELAP	T104704194-23-46	08-31-25
USDA	US Federal Programs	525-22-298-19481	10-25-25
Vermont	State	VT - 36037	10-28-25
Virginia	NELAP	460182	06-14-25
Washington	State	C457	04-11-25
West Virginia (DW)	State	9906 C	01-31-25
West Virginia DEP	State	055	07-31-25
Wyoming	State	8TMS-L	01-31-25
Wyoming (UST)	A2LA	0001.01	11-30-26

* Accreditation/Certification renewal pending - accreditation/certification considered valid.

Eurofins Cleveland
180 S. Van Buren Avenue
Barberton, OH 44203
Phone (330) 497-9396 Phone (330) 497-0772

Chain of Custody Record

eurofins | Environment Testing

Client Information	Sampler:	Lab PM: Kalis, Nicole A	Carrier Tracking No(s):	COC No: 240-124901-43556.4
Client Contact: Kain Lager-Lowe	Phone:	E-Mail: Nicole.Kalis@et.eurofinsus.com	State of Origin:	Page: Page 4 of 12
Company: August Mack Environmental, Inc.	PWSID:			Job #:
Address: 7830 North Central Drive, Suite B	Due Date Requested:			
City: Lewis Center	TAT Requested (days): Standard			
State, Zip: OH, 43035	Compliance Project: Δ Yes Δ No			
Phone: 740-548-1515(Tel)	PO #:			
Email: klagerlowe@augustmack.com	WO #:			
Project Name: MSC Canfield - Soil/Surface Water	Project #: DO NOT DELETE - 24033889			
Site:	SSOW#:			

Analysis Requested

Preservation Codes:
N - None
A - HCL
B - NaOH
D - HNO3
Other:

Sample Identification	Sample Date	Sample Time	Sample Type (C=comp, G=grab)	Matrix (W=water, S=solid, O=waste/oil, BT=Tissue, A=Air)	Field Filtered Sample (Yes or No)	Perform MS/MSD (Yes or No)	8260D - VOCs	8270E - SVOCs	8082A - PCBs	6010D, 7471B - RCRA 8, Cu & Zn	9012B - Total Cyanide	7196A - Hexavalent Chromium	1677 - Free Cyanide	Total Number of containers	Special Instructions/Note:
			Preservation Code:				N	N	N	N	N	N	N		
SB-1-4-6	10/18/24	1420	G	Solid	N	N	X	X	X	X	X	X	X		
SB-1-18-20	10/18/24	1436	G	Solid	N	N	X	X	X	X	X	X	X		
SB-2-6-8	10/21/24	0954	G	Solid	N	N	X	X	X	X	X	X	X		
SB-2-10-12	10/21/24	1005	G	Solid	N	N	X	X	X	X	X	X	X		
SB-2-16-18	10/21/24	1010	G	Solid	N	N	X	X	X	X	X	X	X		
TB-13-20241018	10/18/24			~~Solid~~ Water	N	N	X								
				Solid											
				Solid											
				Solid											
				Solid											
				Solid											

240-213441 COC

Possible Hazard Identification
Non-Hazard Flammable Skin Irritant Poison B Unknown Radiological

Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)
Return To Client Disposal By Lab Archive For _____ Months

Deliverable Requested: I, II, III, IV, Other (specify)

Special Instructions/QC Requirements:

Empty Kit Relinquished by:	Date:	Time:	Method of Shipment:

Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company
Nathan Byrd	10/21/24 1450	AME		10/21/24 1450	EUR
	10/21/24 1622	EUR	JMOROSKO	10/21/24 1622	EUR

Custody Seals Intact: Δ Yes Δ No	Custody Seal No.:	Cooler Temperature(s) °C and Other Remarks:

Eurofins – Cleveland Sample Receipt Form/Narrative Login # :
Barberton Facility

Client August Mack Site Name

Cooler unpacked by: JMOROSKO

Cooler Received on 10/22/24 Opened on 10/22/24

FedEx: 1st Grd Exp UPS FAS Waypoint Client Drop Off Eurofins Courier Other

Receipt After-hours Drop-off Date/Time Storage Location

Eurofins Cooler # EC Foam Box Client Cooler Box Other

Packing material used. Bubble Wrap Foam Plastic Bag None Other

COOLANT Wet Ice Blue Ice Dry Ice Water None

1 Cooler temperature upon receipt ☒ See Multiple Cooler Form

IR GUN # 17 (CF 10.1 °C) Observed Cooler Temp. °C Corrected Cooler Temp °C

2. Were tamper/custody seals on the outside of the cooler(s)? If Yes Quantity	Yes (No)	**Tests that are not checked for pH by Receiving:**
-Were the seals on the outside of the cooler(s) signed & dated?	Yes No (NA)	**VOAs**
-Were tamper/custody seals on the bottle(s) or bottle kits (LLHg/MeHg)?	Yes (No)	**Oil and Grease**
-Were tamper/custody seals intact and uncompromised?	Yes No (NA)	**TOC**
3 Shippers' packing slip attached to the cooler(s)?	Yes (No)	
4. Did custody papers accompany the sample(s)?	(Yes) No	
5 Were the custody papers relinquished & signed in the appropriate place?	(Yes) No	
6 Was/were the person(s) who collected the samples clearly identified on the COC?	(Yes) No	
7 Did all bottles arrive in good condition (Unbroken)?	(Yes) No	
8 Could all bottle labels (ID/Date/Time) be reconciled with the COC?	(Yes) No	
9 For each sample, does the COC specify preservatives (Y(N), # of containers (Y(N) and sample type of grab/comp (Y)N)?		
10 Were correct bottle(s) used for the test(s) indicated?	(Yes) No	
11 Sufficient quantity received to perform indicated analyses?	(Yes) No	
12. Are these work share samples and all listed on the COC?	Yes (No)	
If yes, Questions 13-17 have been checked at the originating laboratory		
13 Were all preserved sample(s) at the correct pH upon receipt?	Yes No (NA)	pH Strip Lot# HC447997
14 Were VOAs on the COC?	(Yes) No	
15 Were air bubbles >6 mm in any VOA vials? ● ⬅ Larger than this.	Yes (No) NA	
16 Was a VOA trip blank present in the cooler(s)? Trip Blank Lot # Covered	(Yes) No	
17 Was a LL Hg or Me Hg trip blank present?	Yes (No)	

Contacted PM Date by via Verbal Voice Mail Other

Concerning

18. CHAIN OF CUSTODY & SAMPLE DISCREPANCIES ☐ additional next page

Samples processed by:

19 SAMPLE CONDITION

Sample(s) were received after the recommended holding time had expired.

Sample(s) were received in a broken container

Sample(s) were received with bubble >6 mm in diameter (Notify PM)

20. SAMPLE PRESERVATION

Sample(s) were further preserved in the laboratory

Time preserved. Preservative(s) added/Lot number(s)

VOA Sample Preservation - Date/Time VOAs Frozen.

Login # : _____

Eurofins - Cleveland Sample Receipt Multiple Cooler Form

Cooler Description (Circle)	IR Gun # (Circle)	Observed Temp °C	Corrected Temp °C	Coolant (Circle)
EC Client Box Other	IR GUN #: 17	1.2	1.3	Wet Ice Blue Ice Dry Ice Water None
EC Client Box Other	IR GUN #:	2.2	2.3	Wet Ice Blue Ice Dry Ice Water None
EC Client Box Other	IR GUN #:	1.3	1.4	Wet Ice Blue Ice Dry Ice Water None
EC Client Box Other	IR GUN #:	4.7	4.8	Wet Ice Blue Ice Dry Ice Water None
EC Client Box Other	IR GUN #:			Wet Ice Blue Ice Dry Ice Water None
EC Client Box Other	IR GUN #:			Wet Ice Blue Ice Dry Ice Water None
EC Client Box Other	IR GUN #:			Wet Ice Blue Ice Dry Ice Water None
EC Client Box Other	IR GUN #:			Wet Ice Blue Ice Dry Ice Water None
EC Client Box Other	IR GUN #:			Wet Ice Blue Ice Dry Ice Water None
EC Client Box Other	IR GUN #:			Wet Ice Blue Ice Dry Ice Water None
EC Client Box Other	IR GUN #:			Wet Ice Blue Ice Dry Ice Water None
EC Client Box Other	IR GUN #:			Wet Ice Blue Ice Dry Ice Water None
EC Client Box Other	IR GUN #:			Wet Ice Blue Ice Dry Ice Water None
EC Client Box Other	IR GUN #:			Wet Ice Blue Ice Dry Ice Water None
EC Client Box Other	IR GUN #:			Wet Ice Blue Ice Dry Ice Water None
EC Client Box Other	IR GUN #:			Wet Ice Blue Ice Dry Ice Water None
EC Client Box Other	IR GUN #:			Wet Ice Blue Ice Dry Ice Water None
EC Client Box Other	IR GUN #:			Wet Ice Blue Ice Dry Ice Water None
EC Client Box Other	IR GUN #:			Wet Ice Blue Ice Dry Ice Water None
EC Client Box Other	IR GUN #:			Wet Ice Blue Ice Dry Ice Water None
EC Client Box Other	IR GUN #:			Wet Ice Blue Ice Dry Ice Water None
EC Client Box Other	IR GUN #:			Wet Ice Blue Ice Dry Ice Water None
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EC Client Box Other	IR GUN #:			Wet Ice Blue Ice Dry Ice Water None
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EC Client Box Other	IR GUN #:			Wet Ice Blue Ice Dry Ice Water None
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EC Client Box Other	IR GUN #:			Wet Ice Blue Ice Dry Ice Water None
EC Client Box Other	IR GUN #:			Wet Ice Blue Ice Dry Ice Water None
EC Client Box Other	IR GUN #:			Wet Ice Blue Ice Dry Ice Water None
EC Client Box Other	IR GUN #:			Wet Ice Blue Ice Dry Ice Water None
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EC Client Box Other	IR GUN #:			Wet Ice Blue Ice Dry Ice Water None
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EC Client Box Other	IR GUN #:			Wet Ice Blue Ice Dry Ice Water None
EC Client Box Other	IR GUN #:			Wet Ice Blue Ice Dry Ice Water None
EC Client Box Other	IR GUN #:			Wet Ice Blue Ice Dry Ice Water None
EC Client Box Other	IR GUN #:			Wet Ice Blue Ice Dry Ice Water None
EC Client Box Other	IR GUN #:			Wet Ice Blue Ice Dry Ice Water None
EC Client Box Other	IR GUN #:			Wet Ice Blue Ice Dry Ice Water None
EC Client Box Other	IR GUN #:			Wet Ice Blue Ice Dry Ice Water None
EC Client Box Other	IR GUN #:			Wet Ice Blue Ice Dry Ice Water None
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EC Client Box Other	IR GUN #:			Wet Ice Blue Ice Dry Ice Water None
EC Client Box Other	IR GUN #:			Wet Ice Blue Ice Dry Ice Water None
EC Client Box Other	IR GUN #:			Wet Ice Blue Ice Dry Ice Water None
EC Client Box Other	IR GUN #:			Wet Ice Blue Ice Dry Ice Water None
EC Client Box Other	IR GUN #:			Wet Ice Blue Ice Dry Ice Water None
EC Client Box Other	IR GUN #:			Wet Ice Blue Ice Dry Ice Water None
EC Client Box Other	IR GUN #:			Wet Ice Blue Ice Dry Ice Water None
EC Client Box Other	IR GUN #:			Wet Ice Blue Ice Dry Ice Water None
EC Client Box Other	IR GUN #:			Wet Ice Blue Ice Dry Ice Water None
EC Client Box Other	IR GUN #:			Wet Ice Blue Ice Dry Ice Water None
EC Client Box Other	IR GUN #:			Wet Ice Blue Ice Dry Ice Water None
EC Client Box Other	IR GUN #:			Wet Ice Blue Ice Dry Ice Water None
EC Client Box Other	IR GUN #:			Wet Ice Blue Ice Dry Ice Water None
EC Client Box Other	IR GUN #:			Wet Ice Blue Ice Dry Ice Water None

☐ See Temperature Excursion Form

10/22/2024

Login Container Summary Report

240-213441

11/6/2024

Temperature readings _____

Client Sample ID	Lab ID	Container Type	Container pH	Container Temp	Preservation Added	Preservation Lot Number
SB-1-4-6	240-213441-A-1	SnapCap 1/2 ounce unpreserved				
SB-1-4-6	240-213441-B-1	Soil jar 2oz - clear glass				
SB-1-4-6	240-213441-C-1	Soil jar 4oz - clear glass				
SB-1-4-6	240-213441-D-1	Soil jar 4oz - clear glass				
SB-1-4-6	240-213441-E-1	Soil jar 4oz - clear glass				
SB-1-4-6	240-213441-F-1	Soil jar 4oz - clear glass				
SB-1-4-6	240-213441-G-1	Soil jar 4oz - clear glass				
SB-1-18-20	240-213441-A-2	SnapCap 1/2 ounce unpreserved				
SB-1-18-20	240-213441-B-2	Soil jar 2oz - clear glass				
SB-1-18-20	240-213441-C-2	Soil jar 4oz - clear glass				
SB-1-18-20	240-213441-D-2	Soil jar 4oz - clear glass				
SB-1-18-20	240-213441-E-2	Soil jar 4oz - clear glass				
SB-1-18-20	240-213441-F-2	Soil jar 4oz - clear glass				
SB-1-18-20	240-213441-G-2	Soil jar 4oz - clear glass				
SB-2-6-8	240-213441-A-3	SnapCap 1/2 ounce unpreserved				
SB-2-6-8	240-213441-B-3	Soil jar 2oz - clear glass				
SB-2-6-8	240-213441-C-3	Soil jar 4oz - clear glass				
SB-2-6-8	240-213441-D-3	Soil jar 4oz - clear glass				
SB-2-6-8	240-213441-E-3	Soil jar 4oz - clear glass				
SB-2-6-8	240-213441-F-3	Soil jar 4oz - clear glass				
SB-2-6-8	240-213441-G-3	Soil jar 4oz - clear glass				
SB-2-10-12	240-213441-A-4	SnapCap 1/2 ounce unpreserved				
SB-2-10-12	240-213441-B-4	Soil jar 2oz - clear glass				
SB-2-10-12	240-213441-C-4	Soil jar 4oz - clear glass				
SB-2-10-12	240-213441-D-4	Soil jar 4oz - clear glass				
SB-2-10-12	240-213441-E-4	Soil jar 4oz - clear glass				
SB-2-10-12	240-213441-F-4	Soil jar 4oz - clear glass				
SB-2-10-12	240-213441-G-4	Soil jar 4oz - clear glass				
SB-2-16-18	240-213441-A-5	SnapCap 1/2 ounce unpreserved				
SB-2-16-18	240-213441-B-5	Soil jar 2oz - clear glass				
SB-2-16-18	240-213441-C-5	Soil jar 4oz - clear glass				
SB-2-16-18	240-213441-D-5	Soil jar 4oz - clear glass				
SB-2-16-18	240-213441-E-5	Soil jar 4oz - clear glass				
SB-2-16-18	240-213441-F-5	Soil jar 4oz - clear glass				
SB-2-16-18	240-213441-G-5	Soil jar 4oz - clear glass				

Client Sample ID	Lab ID	Container Type	Container pH	Container Temp	Preservation Added	Preservation Lot Number
TB-13-20241018	240-213441-A-6	Voa Vial 40ml - Hydrochloric Acid				

Eurofins Cleveland
180 S. Van Buren Avenue
Barberton, OH 44203
Phone: 330-497-9396 Fax: 330-497-0772

Chain of Custody Record

eurofins | Environment Testing

Client Information (Sub Contract Lab)	Sampler: N/A	Lab PM: Kalis, Nicole A	Carrier Tracking No(s): N/A	COC No: 240-192516.1
Client Contact: Shipping/Receiving	Phone: N/A	E-Mail: Nicole.Kalis@et.eurofinsus.com	State of Origin: Ohio	Page: Page 1 of 1
Company: Eurofins Lancaster Laboratories Environm		Accreditations Required (See note): N/A		Job #: 240-213441-1
Address: 2425 New Holland Pike, ,	Due Date Requested: 11/4/2024			Preservation Codes: -
City: Lancaster	TAT Requested (days): N/A			
State, Zip: PA, 17601				
Phone: 717-656-2300(Tel)	PO #: N/A			
Email: N/A	WO #: N/A			
Project Name: MSC Canfield	Project #: 24033889			
Site: N/A	SSOW#: N/A			Other: N/A

Analysis Requested

Sample Identification - Client ID (Lab ID)	Sample Date	Sample Time	Sample Type (C=comp, G=grab)	Matrix (W=water, S=solid, O=waste/oil, BT=Tissue, A=Air)	Field Filtered Sample (Yes or No)	Perform MS/MSD (Yes or No)	1677_Free/ASTM_LEACH_NP Cyanide, Free	7196A/3060A Chromium, Hexavalent	Total Number of containers	Special Instructions/Note:
			Preservation Code:							
SB-1-4-6 (240-213441-1)	10/18/24	14:20 Eastern	G	Solid			X	X	2	Use caution! Site contaminated with solvent waste
SB-1-18-20 (240-213441-2)	10/18/24	14:36 Eastern	G	Solid			X	X	2	Use caution! Site contaminated with solvent waste
SB-2-6-8 (240-213441-3)	10/21/24	09:54 Eastern	G	Solid			X	X	2	Use caution! Site contaminated with solvent waste
SB-2-10-12 (240-213441-4)	10/21/24	10:05 Eastern	G	Solid			X	X	2	Use caution! Site contaminated with solvent waste
SB-2-16-18 (240-213441-5)	10/21/24	10:10 Eastern	G	Solid			X	X	2	Use caution! Site contaminated with solvent waste

Note: Since laboratory accreditations are subject to change, Eurofins Environment Testing North Central, LLC places the ownership of method, analyte & accreditation compliance upon our subcontract laboratories. This sample shipment is forwarded under chain-of-custody. If the laboratory does not currently maintain accreditation in the State of Origin listed above for analysis/tests/matrix being analyzed, the samples must be shipped back to the Eurofins Environment Testing North Central, LLC laboratory or other instructions will be provided. Any changes to accreditation status should be brought to Eurofins Environment Testing North Central, LLC attention immediately. If all requested accreditations are current to date, return the signed Chain of Custody attesting to said compliance to Eurofins Environment Testing North Central, LLC.

Possible Hazard Identification	*Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)*
Unconfirmed	☐ *Return To Client* ☐ *Disposal By Lab* ☐ *Archive For* ____ *Months*
Deliverable Requested: I, II, III, IV, Other (specify) Primary Deliverable Rank: 2	Special Instructions/QC Requirements:

Empty Kit Relinquished by:	Date:	Time:	Method of Shipment:

Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company
MALISSA LOAR	10-22-24				
Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company
Relinquished by:	Date/Time:	Company	Received by:	Date/Time: 10/23/24 0933	Company GLFST

Custody Seals Intact: Δ Yes Δ No	Custody Seal No.:	Cooler Temperature(s) °C and Other Remarks: 2-4.5 C: 4.3

HM

Ver: 10/10/2024

Login Sample Receipt Checklist

Client: August Mack Environmental, Inc.

Job Number: 240-213441-1

Login Number: 213441
List Number: 2
Creator: Arroyo, Haley

List Source: Eurofins Lancaster Laboratories Environment Testing, LLC
List Creation: 10/23/24 11:24 AM

Question	Answer	Comment
The cooler's custody seal is intact.	N/A	
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	True	
Cooler Temperature acceptable,where thermal pres is required(</=6C, not frozen).	True	
Cooler Temperature is recorded.	True	
WV:Container Temp acceptable,where thermal pres is required (</=6C, not frozen).	N/A	
WV: Container Temperature is recorded.	N/A	
COC is present.	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information.	True	
There are no discrepancies between the containers received and the COC.	True	
Sample containers have legible labels.	True	
Containers are not broken or leaking.	True	
Sample collection date/times are provided.	True	
Appropriate sample containers are used.	True	
Sample bottles are completely filled.	True	
There is sufficient vol. for all requested analyses.	True	
Is the Field Sampler's name present on COC?	False	Received project as a subcontract.
Sample custody seals are intact.	N/A	
VOA sample vials do not have headspace >6mm in diameter (none, if from WV)?	N/A	

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ANALYTICAL REPORT

PREPARED FOR

Attn: Kain Lager-Lowe
August Mack Environmental, Inc.
7830 North Central Drive, Suite B
Lewis Center, Ohio 43035

Generated 10/31/2024 3:24:27 PM

JOB DESCRIPTION

MSC Canfield - Surface Water

JOB NUMBER

240-213443-1

Eurofins Cleveland
180 S. Van Buren Avenue
Barberton OH 44203

See page two for job notes and contact information.

my EOL

Job Notes

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The test results in this report relate only to the samples as received by the laboratory and will meet all requirements of the methodology, with any exceptions noted. This report shall not be reproduced except in full, without the express written approval of the laboratory. All questions should be directed to the Eurofins Environment Testing North Central, LLC Project Manager.

Authorization



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Authorized for release by
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Definitions/Glossary

Client: August Mack Environmental, Inc.
Job ID: 240-213443-1
Project/Site: MSC Canfield - Surface Water

Qualifiers

GC/MS Semi VOA

Qualifier	Qualifier Description
J	Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.

Metals

Qualifier	Qualifier Description
J	Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.

Glossary

Abbreviation	These commonly used abbreviations may or may not be present in this report.
☼	Listed under the "D" column to designate that the result is reported on a dry weight basis
%R	Percent Recovery
CFL	Contains Free Liquid
CFU	Colony Forming Unit
CNF	Contains No Free Liquid
DER	Duplicate Error Ratio (normalized absolute difference)
Dil Fac	Dilution Factor
DL	Detection Limit (DoD/DOE)
DL, RA, RE, IN	Indicates a Dilution, Re-analysis, Re-extraction, or additional Initial metals/anion analysis of the sample
DLC	Decision Level Concentration (Radiochemistry)
EDL	Estimated Detection Limit (Dioxin)
LOD	Limit of Detection (DoD/DOE)
LOQ	Limit of Quantitation (DoD/DOE)
MCL	EPA recommended "Maximum Contaminant Level"
MDA	Minimum Detectable Activity (Radiochemistry)
MDC	Minimum Detectable Concentration (Radiochemistry)
MDL	Method Detection Limit
ML	Minimum Level (Dioxin)
MPN	Most Probable Number
MQL	Method Quantitation Limit
NC	Not Calculated
ND	Not Detected at the reporting limit (or MDL or EDL if shown)
NEG	Negative / Absent
POS	Positive / Present
PQL	Practical Quantitation Limit
PRES	Presumptive
QC	Quality Control
RER	Relative Error Ratio (Radiochemistry)
RL	Reporting Limit or Requested Limit (Radiochemistry)
RPD	Relative Percent Difference, a measure of the relative difference between two points
TEF	Toxicity Equivalent Factor (Dioxin)
TEQ	Toxicity Equivalent Quotient (Dioxin)
TNTC	Too Numerous To Count

Job ID: 240-213443-1 Eurofins Cleveland

Job Narrative
240-213443-1

Analytical test results meet all requirements of the associated regulatory program listed on the Accreditation/Certification Summary Page unless otherwise noted under the individual analysis. Data qualifiers and/or narrative comments are included to explain any exceptions, if applicable.

- Matrix QC may not be reported if insufficient sample is provided or site-specific QC samples were not submitted. In these situations, to demonstrate precision and accuracy at a batch level, a LCS/LCSD may be performed, unless otherwise specified in the method.
- Surrogate and/or isotope dilution analyte recoveries (if applicable) which are outside of the QC window are confirmed unless attributed to a dilution or otherwise noted in the narrative.

Regulated compliance samples (e.g. SDWA, NPDES) must comply with the associated agency requirements/permits.

Receipt
The samples were received on 10/21/2024 4:22 PM. Unless otherwise noted below, the samples arrived in good condition, and, where required, properly preserved and on ice. The temperatures of the 4 coolers at receipt time were 1.3°C, 1.4°C, 2.3°C and 4.8°C.

GC/MS VOA
Method 8260D: The continuing calibration verification (CCV) analyzed in batch 240-632868 was outside the method criteria for the following analyte(s): Chloroethane, Chloromethane, Dichlorodifluoromethane and Vinyl chloride. A CCV standard at or below the reporting limit (RL) was analyzed with the affected samples and found to be acceptable. As indicated in the reference method, sample analysis may proceed; however, any detection for the affected analyte(s) is considered estimated.

No additional analytical or quality issues were noted, other than those described above or in the Definitions/ Glossary page.

GC/MS Semi VOA
Method 8270E: The continuing calibration verification (CCV) associated with batch 240-633094 recovered above the upper control limit for Bis(2-ethylhexyl) phthalate. The samples associated with this CCV were non-detects for the affected analyte; therefore, the data have been reported. The following sample was impacted: SB-9C-GW-24-34 (240-213443-2).

Method 8270E: The continuing calibration verification (CCV) associated with batch 240-633094 recovered outside acceptance criteria, low biased, for Phenol. A reporting limit (RL) standard was analyzed, and Phenol was detected. Since the associated samples were non-detect for the analyte, the data were reported. Samples SB-9C-GW-24-34 (240-213443-2) were impacted.

No additional analytical or quality issues were noted, other than those described above or in the Definitions/ Glossary page.

PCBs
Method 8082A: Insufficient sample volume was available to perform a matrix spike/matrix spike duplicate (MS/MSD) associated with preparation batch 240-632018.

No additional analytical or quality issues were noted, other than those described above or in the Definitions/ Glossary page.

Metals
No additional analytical or quality issues were noted, other than those described above or in the Definitions/ Glossary page.

Method Summary

Client: August Mack Environmental, Inc.
Project/Site: MSC Canfield - Surface Water

Job ID: 240-213443-1

Method	Method Description	Protocol	Laboratory
8260D	Volatile Organic Compounds by GC/MS	SW846	EET CLE
8270E	Semivolatile Organic Compounds (GC/MS)	SW846	EET CLE
8082A	Polychlorinated Biphenyls (PCBs) by Gas Chromatography	SW846	EET CLE
6010D	Metals (ICP)	SW846	EET CLE
7470A	Mercury (CVAA)	SW846	EET CLE
3005A	Preparation, Total Recoverable or Dissolved Metals	SW846	EET CLE
3510C	Liquid-Liquid Extraction (Separatory Funnel)	SW846	EET CLE
3510C LVI	Liquid-Liquid Extraction (Separatory Funnel) LVI	SW846	EET CLE
5030C	Purge and Trap	SW846	EET CLE
7470A	Preparation, Mercury	SW846	EET CLE

Protocol References:

SW846 = "Test Methods For Evaluating Solid Waste, Physical/Chemical Methods", Third Edition, November 1986 And Its Updates.

Laboratory References:

EET CLE = Eurofins Cleveland, 180 S. Van Buren Avenue, Barberton, OH 44203, TEL (330)497-9396

Sample Summary

Client: August Mack Environmental, Inc.
Project/Site: MSC Canfield - Surface Water

Job ID: 240-213443-1

Lab Sample ID	Client Sample ID	Matrix	Collected	Received
240-213443-1	SB-9B-GW-24-34	Water	10/19/24 12:45	10/21/24 16:22
240-213443-2	SB-9C-GW-24-34	Water	10/20/24 10:40	10/21/24 16:22
240-213443-3	TB-10-20241021	Water	10/21/24 15:00	10/21/24 16:22

Detection Summary

Client: August Mack Environmental, Inc.
Project/Site: MSC Canfield - Surface Water

Job ID: 240-213443-1

Client Sample ID: SB-9B-GW-24-34 — Lab Sample ID: 240-213443-1

No Detections.

Client Sample ID: SB-9C-GW-24-34 — Lab Sample ID: 240-213443-2

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
2-Methylnaphthalene	0.15	J	0.20	0.11	ug/L	1		8270E	Total/NA
Diethyl phthalate	0.44	J	5.0	0.41	ug/L	1		8270E	Total/NA
Dimethyl phthalate	0.62	J	2.0	0.52	ug/L	1		8270E	Total/NA
Naphthalene	0.27		0.20	0.11	ug/L	1		8270E	Total/NA
Arsenic	4.6	J	15	4.1	ug/L	1		6010D	Dissolved
Barium	51	J	200	1.3	ug/L	1		6010D	Dissolved
Chromium	1.0	J	10	0.76	ug/L	1		6010D	Dissolved

Client Sample ID: TB-10-20241021 — Lab Sample ID: 240-213443-3

No Detections.

This Detection Summary does not include radiochemical test results.

Client: August Mack Environmental, Inc.
Project/Site: MSC Canfield - Surface Water

Job ID: 240-213443-1

Client Sample ID: SB-9B-GW-24-34
Date Collected: 10/19/24 12:45
Date Received: 10/21/24 16:22

Lab Sample ID: 240-213443-1
Matrix: Water

Method: SW846 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aroclor-1016	ND		0.097	0.054	ug/L		10/23/24 08:16	10/23/24 13:48	1
Aroclor-1221	ND		0.097	0.055	ug/L		10/23/24 08:16	10/23/24 13:48	1
Aroclor-1232	ND		0.097	0.072	ug/L		10/23/24 08:16	10/23/24 13:48	1
Aroclor-1242	ND		0.097	0.074	ug/L		10/23/24 08:16	10/23/24 13:48	1
Aroclor-1248	ND		0.097	0.049	ug/L		10/23/24 08:16	10/23/24 13:48	1
Aroclor-1254	ND		0.097	0.039	ug/L		10/23/24 08:16	10/23/24 13:48	1
Aroclor-1260	ND		0.097	0.045	ug/L		10/23/24 08:16	10/23/24 13:48	1
Aroclor-1262	ND		0.097	0.056	ug/L		10/23/24 08:16	10/23/24 13:48	1
Aroclor-1268	ND		0.097	0.060	ug/L		10/23/24 08:16	10/23/24 13:48	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Tetrachloro-m-xylene	*58*		*10 - 149*	*10/23/24 08:16*	*10/23/24 13:48*	*1*
DCB Decachlorobiphenyl	*22*		*10 - 174*	*10/23/24 08:16*	*10/23/24 13:48*	*1*

Client: August Mack Environmental, Inc.
Project/Site: MSC Canfield - Surface Water

Job ID: 240-213443-1

Client Sample ID: SB-9C-GW-24-34
Date Collected: 10/20/24 10:40
Date Received: 10/21/24 16:22

Lab Sample ID: 240-213443-2
Matrix: Water

Method: SW846 8270E - Semivolatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1'-Biphenyl	ND		1.0	0.49	ug/L		10/23/24 08:24	10/30/24 17:36	1
bis (2-chloroisopropyl) ether	ND		1.0	0.24	ug/L		10/23/24 08:24	10/30/24 17:36	1
2,4,5-Trichlorophenol	ND		5.0	2.0	ug/L		10/23/24 08:24	10/30/24 17:36	1
2,4,6-Trichlorophenol	ND		5.0	1.8	ug/L		10/23/24 08:24	10/30/24 17:36	1
2,4-Dichlorophenol	ND		2.0	0.26	ug/L		10/23/24 08:24	10/30/24 17:36	1
2,4-Dimethylphenol	ND		2.0	0.25	ug/L		10/23/24 08:24	10/30/24 17:36	1
2,4-Dinitrophenol	ND		10	2.6	ug/L		10/23/24 08:24	10/30/24 17:36	1
2,4-Dinitrotoluene	ND		5.0	2.1	ug/L		10/23/24 08:24	10/30/24 17:36	1
2,6-Dinitrotoluene	ND		5.0	1.1	ug/L		10/23/24 08:24	10/30/24 17:36	1
2-Chloronaphthalene	ND		1.0	0.23	ug/L		10/23/24 08:24	10/30/24 17:36	1
2-Chlorophenol	ND		1.0	0.27	ug/L		10/23/24 08:24	10/30/24 17:36	1
2-Methylnaphthalene	**0.15**	**J**	0.20	0.11	ug/L		10/23/24 08:24	10/30/24 17:36	1
2-Methylphenol	ND		1.0	0.21	ug/L		10/23/24 08:24	10/30/24 17:36	1
2-Nitroaniline	ND		2.0	0.51	ug/L		10/23/24 08:24	10/30/24 17:36	1
2-Nitrophenol	ND		2.0	0.56	ug/L		10/23/24 08:24	10/30/24 17:36	1
3,3'-Dichlorobenzidine	ND		5.0	1.2	ug/L		10/23/24 08:24	10/30/24 17:36	1
3-Nitroaniline	ND		2.0	0.57	ug/L		10/23/24 08:24	10/30/24 17:36	1
4,6-Dinitro-2-methylphenol	ND		5.0	2.8	ug/L		10/23/24 08:24	10/30/24 17:36	1
4-Bromophenyl phenyl ether	ND		2.0	0.50	ug/L		10/23/24 08:24	10/30/24 17:36	1
4-Chloro-3-methylphenol	ND		2.0	0.30	ug/L		10/23/24 08:24	10/30/24 17:36	1
4-Chloroaniline	ND		2.0	0.32	ug/L		10/23/24 08:24	10/30/24 17:36	1
4-Chlorophenyl phenyl ether	ND		2.0	0.55	ug/L		10/23/24 08:24	10/30/24 17:36	1
4-Nitroaniline	ND		2.0	0.33	ug/L		10/23/24 08:24	10/30/24 17:36	1
4-Nitrophenol	ND		10	2.2	ug/L		10/23/24 08:24	10/30/24 17:36	1
Acenaphthene	ND		0.20	0.17	ug/L		10/23/24 08:24	10/30/24 17:36	1
Acenaphthylene	ND		0.20	0.13	ug/L		10/23/24 08:24	10/30/24 17:36	1
Acetophenone	ND		1.0	0.37	ug/L		10/23/24 08:24	10/30/24 17:36	1
Anthracene	ND		0.20	0.14	ug/L		10/23/24 08:24	10/30/24 17:36	1
Atrazine	ND		2.0	0.95	ug/L		10/23/24 08:24	10/30/24 17:36	1
Benzaldehyde	ND		2.0	0.76	ug/L		10/23/24 08:24	10/30/24 17:36	1
Benzo[a]anthracene	ND		0.20	0.068	ug/L		10/23/24 08:24	10/30/24 17:36	1
Benzo[a]pyrene	ND		0.20	0.17	ug/L		10/23/24 08:24	10/30/24 17:36	1
Benzo[b]fluoranthene	ND		0.20	0.15	ug/L		10/23/24 08:24	10/30/24 17:36	1
Benzo[g,h,i]perylene	ND		0.20	0.18	ug/L		10/23/24 08:24	10/30/24 17:36	1
Benzo[k]fluoranthene	ND		0.20	0.14	ug/L		10/23/24 08:24	10/30/24 17:36	1
Bis(2-chloroethoxy)methane	ND		1.0	0.22	ug/L		10/23/24 08:24	10/30/24 17:36	1
Bis(2-chloroethyl)ether	ND		1.0	0.40	ug/L		10/23/24 08:24	10/30/24 17:36	1
Bis(2-ethylhexyl) phthalate	ND		5.0	2.2	ug/L		10/23/24 08:24	10/30/24 17:36	1
Butyl benzyl phthalate	ND		2.0	0.67	ug/L		10/23/24 08:24	10/30/24 17:36	1
Caprolactam	ND		5.0	3.8	ug/L		10/23/24 08:24	10/30/24 17:36	1
Carbazole	ND		1.0	0.49	ug/L		10/23/24 08:24	10/30/24 17:36	1
Chrysene	ND		0.20	0.066	ug/L		10/23/24 08:24	10/30/24 17:36	1
Dibenz(a,h)anthracene	ND		0.20	0.15	ug/L		10/23/24 08:24	10/30/24 17:36	1
Dibenzofuran	ND		1.0	0.27	ug/L		10/23/24 08:24	10/30/24 17:36	1
Diethyl phthalate	**0.44**	**J**	5.0	0.41	ug/L		10/23/24 08:24	10/30/24 17:36	1
Dimethyl phthalate	**0.62**	**J**	2.0	0.52	ug/L		10/23/24 08:24	10/30/24 17:36	1
Di-n-butyl phthalate	ND		5.0	1.8	ug/L		10/23/24 08:24	10/30/24 17:36	1
Di-n-octyl phthalate	ND		2.0	0.82	ug/L		10/23/24 08:24	10/30/24 17:36	1
Fluoranthene	ND		0.20	0.16	ug/L		10/23/24 08:24	10/30/24 17:36	1

Client: August Mack Environmental, Inc.
Project/Site: MSC Canfield - Surface Water

Job ID: 240-213443-1

Client Sample ID: SB-9C-GW-24-34

Date Collected: 10/20/24 10:40
Date Received: 10/21/24 16:22

Lab Sample ID: 240-213443-2

Matrix: Water

Method: SW846 8270E - Semivolatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Fluorene	ND		0.20	0.079	ug/L		10/23/24 08:24	10/30/24 17:36	1
Hexachlorobenzene	ND		0.20	0.16	ug/L		10/23/24 08:24	10/30/24 17:36	1
Hexachlorobutadiene	ND		1.0	0.54	ug/L		10/23/24 08:24	10/30/24 17:36	1
Hexachlorocyclopentadiene	ND		10	1.8	ug/L		10/23/24 08:24	10/30/24 17:36	1
Hexachloroethane	ND		1.0	0.40	ug/L		10/23/24 08:24	10/30/24 17:36	1
Indeno[1,2,3-cd]pyrene	ND		0.20	0.14	ug/L		10/23/24 08:24	10/30/24 17:36	1
Isophorone	ND		1.0	0.32	ug/L		10/23/24 08:24	10/30/24 17:36	1
N-Nitrosodi-n-propylamine	ND		1.0	0.25	ug/L		10/23/24 08:24	10/30/24 17:36	1
N-Nitrosodiphenylamine	ND		1.0	0.44	ug/L		10/23/24 08:24	10/30/24 17:36	1
Naphthalene	**0.27**		0.20	0.11	ug/L		10/23/24 08:24	10/30/24 17:36	1
Nitrobenzene	ND		1.0	0.51	ug/L		10/23/24 08:24	10/30/24 17:36	1
Pentachlorophenol	ND		10	3.1	ug/L		10/23/24 08:24	10/30/24 17:36	1
Phenanthrene	ND		0.20	0.080	ug/L		10/23/24 08:24	10/30/24 17:36	1
Phenol	ND		1.0	0.40	ug/L		10/23/24 08:24	10/30/24 17:36	1
Pyrene	ND		0.20	0.083	ug/L		10/23/24 08:24	10/30/24 17:36	1
3 & 4 Methylphenol	ND		2.0	0.19	ug/L		10/23/24 08:24	10/30/24 17:36	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Terphenyl-d14 (Surr)	*78*		*43 - 136*	*10/23/24 08:24*	*10/30/24 17:36*	*1*
Phenol-d5 (Surr)	*63*		*10 - 120*	*10/23/24 08:24*	*10/30/24 17:36*	*1*
Nitrobenzene-d5 (Surr)	*70*		*40 - 120*	*10/23/24 08:24*	*10/30/24 17:36*	*1*
2-Fluorophenol (Surr)	*82*		*10 - 127*	*10/23/24 08:24*	*10/30/24 17:36*	*1*
2-Fluorobiphenyl (Surr)	*74*		*41 - 120*	*10/23/24 08:24*	*10/30/24 17:36*	*1*
2,4,6-Tribromophenol (Surr)	*83*		*23 - 127*	*10/23/24 08:24*	*10/30/24 17:36*	*1*

Method: SW846 6010D - Metals (ICP) - Dissolved

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	**4.6**	**J**	15	4.1	ug/L		10/23/24 14:00	10/24/24 13:28	1
Barium	**51**	**J**	200	1.3	ug/L		10/23/24 14:00	10/24/24 13:28	1
Cadmium	ND		5.0	0.45	ug/L		10/23/24 14:00	10/24/24 13:28	1
Chromium	**1.0**	**J**	10	0.76	ug/L		10/23/24 14:00	10/24/24 13:28	1
Copper	ND		25	3.5	ug/L		10/23/24 14:00	10/24/24 13:28	1
Lead	ND		10	2.8	ug/L		10/23/24 14:00	10/24/24 13:28	1
Selenium	ND		20	6.0	ug/L		10/23/24 14:00	10/24/24 13:28	1
Silver	ND		10	1.4	ug/L		10/23/24 14:00	10/24/24 13:28	1
Zinc	ND		50	23	ug/L		10/23/24 14:00	10/24/24 13:28	1

Method: SW846 7470A - Mercury (CVAA) - Dissolved

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	ND		0.20	0.13	ug/L		10/23/24 14:00	10/24/24 10:33	1

Client: August Mack Environmental, Inc.
Project/Site: MSC Canfield - Surface Water

Job ID: 240-213443-1

Client Sample ID: TB-10-20241021
Date Collected: 10/21/24 15:00
Date Received: 10/21/24 16:22

Lab Sample ID: 240-213443-3
Matrix: Water

Method: SW846 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		1.0	0.48	ug/L			10/29/24 10:53	1
1,1,2,2-Tetrachloroethane	ND		1.0	0.60	ug/L			10/29/24 10:53	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		1.0	0.41	ug/L			10/29/24 10:53	1
1,1,2-Trichloroethane	ND		1.0	0.48	ug/L			10/29/24 10:53	1
1,1-Dichloroethane	ND		1.0	0.47	ug/L			10/29/24 10:53	1
1,1-Dichloroethene	ND		1.0	0.49	ug/L			10/29/24 10:53	1
1,2,4-Trichlorobenzene	ND		1.0	0.77	ug/L			10/29/24 10:53	1
1,2-Dibromo-3-Chloropropane	ND		2.0	0.91	ug/L			10/29/24 10:53	1
Ethylene Dibromide	ND		1.0	0.41	ug/L			10/29/24 10:53	1
1,2-Dichlorobenzene	ND		1.0	0.48	ug/L			10/29/24 10:53	1
1,2-Dichloroethane	ND		1.0	0.46	ug/L			10/29/24 10:53	1
1,2-Dichloropropane	ND		1.0	0.47	ug/L			10/29/24 10:53	1
1,3-Dichlorobenzene	ND		1.0	0.45	ug/L			10/29/24 10:53	1
1,4-Dichlorobenzene	ND		1.0	0.41	ug/L			10/29/24 10:53	1
2-Butanone (MEK)	ND		10	1.2	ug/L			10/29/24 10:53	1
2-Hexanone	ND		10	1.1	ug/L			10/29/24 10:53	1
4-Methyl-2-pentanone (MIBK)	ND		10	0.99	ug/L			10/29/24 10:53	1
Acetone	ND		10	5.4	ug/L			10/29/24 10:53	1
Benzene	ND		1.0	0.42	ug/L			10/29/24 10:53	1
Dichlorobromomethane	ND		1.0	0.38	ug/L			10/29/24 10:53	1
Bromoform	ND		1.0	0.76	ug/L			10/29/24 10:53	1
Bromomethane	ND		1.0	0.42	ug/L			10/29/24 10:53	1
Carbon disulfide	ND		1.0	0.59	ug/L			10/29/24 10:53	1
Carbon tetrachloride	ND		1.0	0.26	ug/L			10/29/24 10:53	1
Chlorobenzene	ND		1.0	0.38	ug/L			10/29/24 10:53	1
Chloroethane	ND		1.0	0.83	ug/L			10/29/24 10:53	1
Chloroform	ND		1.0	0.47	ug/L			10/29/24 10:53	1
Chloromethane	ND		1.0	0.63	ug/L			10/29/24 10:53	1
cis-1,2-Dichloroethene	ND		1.0	0.46	ug/L			10/29/24 10:53	1
cis-1,3-Dichloropropene	ND		1.0	0.61	ug/L			10/29/24 10:53	1
Cyclohexane	ND		1.0	0.48	ug/L			10/29/24 10:53	1
Chlorodibromomethane	ND		1.0	0.39	ug/L			10/29/24 10:53	1
Dichlorodifluoromethane	ND		1.0	0.35	ug/L			10/29/24 10:53	1
Ethylbenzene	ND		1.0	0.42	ug/L			10/29/24 10:53	1
Isopropylbenzene	ND		1.0	0.49	ug/L			10/29/24 10:53	1
Methyl acetate	ND		10	1.7	ug/L			10/29/24 10:53	1
Methyl tert-butyl ether	ND		1.0	0.47	ug/L			10/29/24 10:53	1
Methylcyclohexane	ND		1.0	0.33	ug/L			10/29/24 10:53	1
Methylene Chloride	ND		5.0	2.6	ug/L			10/29/24 10:53	1
Styrene	ND		1.0	0.45	ug/L			10/29/24 10:53	1
Tetrachloroethene	ND		1.0	0.44	ug/L			10/29/24 10:53	1
Toluene	ND		1.0	0.44	ug/L			10/29/24 10:53	1
trans-1,2-Dichloroethene	ND		1.0	0.51	ug/L			10/29/24 10:53	1
trans-1,3-Dichloropropene	ND		1.0	0.67	ug/L			10/29/24 10:53	1
Trichloroethene	ND		1.0	0.44	ug/L			10/29/24 10:53	1
Trichlorofluoromethane	ND		1.0	0.45	ug/L			10/29/24 10:53	1
Vinyl chloride	ND		1.0	0.45	ug/L			10/29/24 10:53	1
Xylenes, Total	ND		2.0	0.42	ug/L			10/29/24 10:53	1

Client: August Mack Environmental, Inc.
Project/Site: MSC Canfield - Surface Water

Job ID: 240-213443-1

Client Sample ID: TB-10-20241021
Date Collected: 10/21/24 15:00
Date Received: 10/21/24 16:22

Lab Sample ID: 240-213443-3
Matrix: Water

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
Toluene-d8 (Surr)	90		78 - 122		10/29/24 10:53	1
Dibromofluoromethane (Surr)	84		73 - 120		10/29/24 10:53	1
4-Bromofluorobenzene (Surr)	90		56 - 136		10/29/24 10:53	1
1,2-Dichloroethane-d4 (Surr)	81		62 - 137		10/29/24 10:53	1

Surrogate Summary

Client: August Mack Environmental, Inc.
Project/Site: MSC Canfield - Surface Water

Job ID: 240-213443-1

Method: 8260D - Volatile Organic Compounds by GC/MS

Matrix: Water **Prep Type: Total/NA**

		Percent Surrogate Recovery (Acceptance Limits)			
		TOL	DBFM	BFB	DCA
Lab Sample ID	Client Sample ID	(78-122)	(73-120)	(56-136)	(62-137)
240-213443-3	TB-10-20241021	90	84	90	81
LCS 240-632868/4	Lab Control Sample	95	87	101	85
MB 240-632868/7	Method Blank	97	89	101	89

Surrogate Legend

TOL = Toluene-d8 (Surr)
DBFM = Dibromofluoromethane (Surr)
BFB = 4-Bromofluorobenzene (Surr)
DCA = 1,2-Dichloroethane-d4 (Surr)

Method: 8270E - Semivolatile Organic Compounds (GC/MS)

Matrix: Water **Prep Type: Total/NA**

		Percent Surrogate Recovery (Acceptance Limits)					
		TPHL	PHL	NBZ	2FP	FBP	TBP
Lab Sample ID	Client Sample ID	(43-136)	(10-120)	(40-120)	(10-127)	(41-120)	(23-127)
240-213443-2	SB-9C-GW-24-34	78	63	70	82	74	83
LCS 240-632022/2-A	Lab Control Sample	86	82	69	119	71	98
MB 240-632022/1-A	Method Blank	102	73	70	76	74	90

Surrogate Legend

TPHL = Terphenyl-d14 (Surr)
PHL = Phenol-d5 (Surr)
NBZ = Nitrobenzene-d5 (Surr)
2FP = 2-Fluorophenol (Surr)
FBP = 2-Fluorobiphenyl (Surr)
TBP = 2,4,6-Tribromophenol (Surr)

Method: 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Matrix: Water **Prep Type: Total/NA**

		Percent Surrogate Recovery (Acceptance Limits)	
		TCX2	DCBP2
Lab Sample ID	Client Sample ID	(10-149)	(10-174)
240-213443-1	SB-9B-GW-24-34	58	22
LCS 240-632018/2-A	Lab Control Sample	61	64
MB 240-632018/1-A	Method Blank	64	80

Surrogate Legend

TCX = Tetrachloro-m-xylene
DCBP = DCB Decachlorobiphenyl

Method: 8260D - Volatile Organic Compounds by GC/MS

Lab Sample ID: MB 240-632868/7
Matrix: Water
Analysis Batch: 632868

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		1.0	0.48	ug/L			10/29/24 10:07	1
1,1,2,2-Tetrachloroethane	ND		1.0	0.60	ug/L			10/29/24 10:07	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		1.0	0.41	ug/L			10/29/24 10:07	1
1,1,2-Trichloroethane	ND		1.0	0.48	ug/L			10/29/24 10:07	1
1,1-Dichloroethane	ND		1.0	0.47	ug/L			10/29/24 10:07	1
1,1-Dichloroethene	ND		1.0	0.49	ug/L			10/29/24 10:07	1
1,2,4-Trichlorobenzene	ND		1.0	0.77	ug/L			10/29/24 10:07	1
1,2-Dibromo-3-Chloropropane	ND		2.0	0.91	ug/L			10/29/24 10:07	1
Ethylene Dibromide	ND		1.0	0.41	ug/L			10/29/24 10:07	1
1,2-Dichlorobenzene	ND		1.0	0.48	ug/L			10/29/24 10:07	1
1,2-Dichloroethane	ND		1.0	0.46	ug/L			10/29/24 10:07	1
1,2-Dichloropropane	ND		1.0	0.47	ug/L			10/29/24 10:07	1
1,3-Dichlorobenzene	ND		1.0	0.45	ug/L			10/29/24 10:07	1
1,4-Dichlorobenzene	ND		1.0	0.41	ug/L			10/29/24 10:07	1
2-Butanone (MEK)	ND		10	1.2	ug/L			10/29/24 10:07	1
2-Hexanone	ND		10	1.1	ug/L			10/29/24 10:07	1
4-Methyl-2-pentanone (MIBK)	ND		10	0.99	ug/L			10/29/24 10:07	1
Acetone	ND		10	5.4	ug/L			10/29/24 10:07	1
Benzene	ND		1.0	0.42	ug/L			10/29/24 10:07	1
Dichlorobromomethane	ND		1.0	0.38	ug/L			10/29/24 10:07	1
Bromoform	ND		1.0	0.76	ug/L			10/29/24 10:07	1
Bromomethane	ND		1.0	0.42	ug/L			10/29/24 10:07	1
Carbon disulfide	ND		1.0	0.59	ug/L			10/29/24 10:07	1
Carbon tetrachloride	ND		1.0	0.26	ug/L			10/29/24 10:07	1
Chlorobenzene	ND		1.0	0.38	ug/L			10/29/24 10:07	1
Chloroethane	ND		1.0	0.83	ug/L			10/29/24 10:07	1
Chloroform	ND		1.0	0.47	ug/L			10/29/24 10:07	1
Chloromethane	ND		1.0	0.63	ug/L			10/29/24 10:07	1
cis-1,2-Dichloroethene	ND		1.0	0.46	ug/L			10/29/24 10:07	1
cis-1,3-Dichloropropene	ND		1.0	0.61	ug/L			10/29/24 10:07	1
Cyclohexane	ND		1.0	0.48	ug/L			10/29/24 10:07	1
Chlorodibromomethane	ND		1.0	0.39	ug/L			10/29/24 10:07	1
Dichlorodifluoromethane	ND		1.0	0.35	ug/L			10/29/24 10:07	1
Ethylbenzene	ND		1.0	0.42	ug/L			10/29/24 10:07	1
Isopropylbenzene	ND		1.0	0.49	ug/L			10/29/24 10:07	1
Methyl acetate	ND		10	1.7	ug/L			10/29/24 10:07	1
Methyl tert-butyl ether	ND		1.0	0.47	ug/L			10/29/24 10:07	1
Methylcyclohexane	ND		1.0	0.33	ug/L			10/29/24 10:07	1
Methylene Chloride	ND		5.0	2.6	ug/L			10/29/24 10:07	1
Styrene	ND		1.0	0.45	ug/L			10/29/24 10:07	1
Tetrachloroethene	ND		1.0	0.44	ug/L			10/29/24 10:07	1
Toluene	ND		1.0	0.44	ug/L			10/29/24 10:07	1
trans-1,2-Dichloroethene	ND		1.0	0.51	ug/L			10/29/24 10:07	1
trans-1,3-Dichloropropene	ND		1.0	0.67	ug/L			10/29/24 10:07	1
Trichloroethene	ND		1.0	0.44	ug/L			10/29/24 10:07	1
Trichlorofluoromethane	ND		1.0	0.45	ug/L			10/29/24 10:07	1
Vinyl chloride	ND		1.0	0.45	ug/L			10/29/24 10:07	1
Xylenes, Total	ND		2.0	0.42	ug/L			10/29/24 10:07	1

Method: 8260D - Volatile Organic Compounds by GC/MS (Continued)

Lab Sample ID: MB 240-632868/7
Matrix: Water
Analysis Batch: 632868

Client Sample ID: Method Blank
Prep Type: Total/NA

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
Toluene-d8 (Surr)	*97*		*78 - 122*		*10/29/24 10:07*	*1*
Dibromofluoromethane (Surr)	*89*		*73 - 120*		*10/29/24 10:07*	*1*
4-Bromofluorobenzene (Surr)	*101*		*56 - 136*		*10/29/24 10:07*	*1*
1,2-Dichloroethane-d4 (Surr)	*89*		*62 - 137*		*10/29/24 10:07*	*1*

Lab Sample ID: LCS 240-632868/4
Matrix: Water
Analysis Batch: 632868

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
1,1,1-Trichloroethane	25.0	24.2		ug/L		97	64 - 131
1,1,2,2-Tetrachloroethane	25.0	20.1		ug/L		81	58 - 157
1,1,2-Trichloro-1,2,2-trifluoroethane	25.0	22.9		ug/L		91	51 - 146
1,1,2-Trichloroethane	25.0	21.8		ug/L		87	70 - 138
1,1-Dichloroethane	25.0	19.2		ug/L		77	72 - 127
1,1-Dichloroethene	25.0	22.7		ug/L		91	63 - 134
1,2,4-Trichlorobenzene	25.0	23.2		ug/L		93	44 - 147
1,2-Dibromo-3-Chloropropane	25.0	19.6		ug/L		78	53 - 135
Ethylene Dibromide	25.0	21.4		ug/L		86	71 - 134
1,2-Dichlorobenzene	25.0	20.8		ug/L		83	78 - 120
1,2-Dichloroethane	25.0	20.8		ug/L		83	66 - 128
1,2-Dichloropropane	25.0	20.0		ug/L		80	75 - 133
1,3-Dichlorobenzene	25.0	22.7		ug/L		91	80 - 120
1,4-Dichlorobenzene	25.0	22.2		ug/L		89	80 - 120
2-Butanone (MEK)	50.0	28.5		ug/L		57	54 - 156
2-Hexanone	50.0	33.8		ug/L		68	43 - 167
4-Methyl-2-pentanone (MIBK)	50.0	32.4		ug/L		65	46 - 158
Acetone	50.0	33.2		ug/L		66	50 - 149
Benzene	25.0	21.4		ug/L		85	77 - 123
Dichlorobromomethane	25.0	20.3		ug/L		81	69 - 126
Bromoform	25.0	22.0		ug/L		88	57 - 129
Bromomethane	12.5	12.5		ug/L		100	36 - 142
Carbon disulfide	25.0	22.4		ug/L		89	43 - 140
Carbon tetrachloride	25.0	26.0		ug/L		104	55 - 137
Chlorobenzene	25.0	21.8		ug/L		87	80 - 121
Chloroethane	12.5	9.34		ug/L		75	38 - 152
Chloroform	25.0	20.8		ug/L		83	74 - 122
Chloromethane	12.5	7.79		ug/L		62	47 - 143
cis-1,2-Dichloroethene	25.0	22.3		ug/L		89	77 - 123
cis-1,3-Dichloropropene	25.0	21.3		ug/L		85	64 - 130
Cyclohexane	25.0	20.0		ug/L		80	58 - 146
Chlorodibromomethane	25.0	23.3		ug/L		93	70 - 124
Dichlorodifluoromethane	12.5	8.74		ug/L		70	34 - 153
Ethylbenzene	25.0	25.3		ug/L		101	80 - 121
Isopropylbenzene	25.0	29.1		ug/L		116	74 - 128
Methyl acetate	50.0	27.4		ug/L		55	42 - 169
Methyl tert-butyl ether	25.0	22.3		ug/L		89	65 - 126
Methylcyclohexane	25.0	23.2		ug/L		93	62 - 136

Method: 8260D - Volatile Organic Compounds by GC/MS (Continued)

Lab Sample ID: LCS 240-632868/4
Matrix: Water
Analysis Batch: 632868

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Methylene Chloride	25.0	22.4		ug/L		90	71 - 125
Styrene	25.0	25.0		ug/L		100	80 - 135
Tetrachloroethene	25.0	24.3		ug/L		97	76 - 123
Toluene	25.0	22.5		ug/L		90	80 - 123
trans-1,2-Dichloroethene	25.0	20.4		ug/L		82	75 - 124
trans-1,3-Dichloropropene	25.0	23.4		ug/L		94	57 - 129
Trichloroethene	25.0	20.8		ug/L		83	70 - 122
Trichlorofluoromethane	12.5	10.4		ug/L		83	30 - 170
Vinyl chloride	12.5	8.61		ug/L		69	60 - 144
Xylenes, Total	50.0	51.3		ug/L		103	80 - 121
m-Xylene & p-Xylene	25.0	25.3		ug/L		101	80 - 120
o-Xylene	25.0	26.0		ug/L		104	80 - 123

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
Toluene-d8 (Surr)	*95*		*78 - 122*
Dibromofluoromethane (Surr)	*87*		*73 - 120*
4-Bromofluorobenzene (Surr)	*101*		*56 - 136*
1,2-Dichloroethane-d4 (Surr)	*85*		*62 - 137*

Method: 8270E - Semivolatile Organic Compounds (GC/MS)

Lab Sample ID: MB 240-632022/1-A
Matrix: Water
Analysis Batch: 632396

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 632022

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1'-Biphenyl	ND		1.0	0.49	ug/L		10/23/24 08:24	10/25/24 10:05	1
bis (2-chloroisopropyl) ether	ND		1.0	0.24	ug/L		10/23/24 08:24	10/25/24 10:05	1
2,4,5-Trichlorophenol	ND		5.0	2.0	ug/L		10/23/24 08:24	10/25/24 10:05	1
2,4,6-Trichlorophenol	ND		5.0	1.8	ug/L		10/23/24 08:24	10/25/24 10:05	1
2,4-Dichlorophenol	ND		2.0	0.26	ug/L		10/23/24 08:24	10/25/24 10:05	1
2,4-Dimethylphenol	ND		2.0	0.25	ug/L		10/23/24 08:24	10/25/24 10:05	1
2,4-Dinitrophenol	ND		10	2.6	ug/L		10/23/24 08:24	10/25/24 10:05	1
2,4-Dinitrotoluene	ND		5.0	2.1	ug/L		10/23/24 08:24	10/25/24 10:05	1
2,6-Dinitrotoluene	ND		5.0	1.1	ug/L		10/23/24 08:24	10/25/24 10:05	1
2-Chloronaphthalene	ND		1.0	0.23	ug/L		10/23/24 08:24	10/25/24 10:05	1
2-Chlorophenol	ND		1.0	0.27	ug/L		10/23/24 08:24	10/25/24 10:05	1
2-Methylnaphthalene	ND		0.20	0.11	ug/L		10/23/24 08:24	10/25/24 10:05	1
2-Methylphenol	ND		1.0	0.21	ug/L		10/23/24 08:24	10/25/24 10:05	1
2-Nitroaniline	ND		2.0	0.51	ug/L		10/23/24 08:24	10/25/24 10:05	1
2-Nitrophenol	ND		2.0	0.56	ug/L		10/23/24 08:24	10/25/24 10:05	1
3,3'-Dichlorobenzidine	ND		5.0	1.2	ug/L		10/23/24 08:24	10/25/24 10:05	1
3-Nitroaniline	ND		2.0	0.57	ug/L		10/23/24 08:24	10/25/24 10:05	1
4,6-Dinitro-2-methylphenol	ND		5.0	2.8	ug/L		10/23/24 08:24	10/25/24 10:05	1
4-Bromophenyl phenyl ether	ND		2.0	0.50	ug/L		10/23/24 08:24	10/25/24 10:05	1
4-Chloro-3-methylphenol	ND		2.0	0.30	ug/L		10/23/24 08:24	10/25/24 10:05	1
4-Chloroaniline	ND		2.0	0.32	ug/L		10/23/24 08:24	10/25/24 10:05	1
4-Chlorophenyl phenyl ether	ND		2.0	0.55	ug/L		10/23/24 08:24	10/25/24 10:05	1
4-Nitroaniline	ND		2.0	0.33	ug/L		10/23/24 08:24	10/25/24 10:05	1

Method: 8270E - Semivolatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: MB 240-632022/1-A
Matrix: Water
Analysis Batch: 632396

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 632022

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
4-Nitrophenol	ND		10	2.2	ug/L		10/23/24 08:24	10/25/24 10:05	1
Acenaphthene	ND		0.20	0.17	ug/L		10/23/24 08:24	10/25/24 10:05	1
Acenaphthylene	ND		0.20	0.13	ug/L		10/23/24 08:24	10/25/24 10:05	1
Acetophenone	ND		1.0	0.37	ug/L		10/23/24 08:24	10/25/24 10:05	1
Anthracene	ND		0.20	0.14	ug/L		10/23/24 08:24	10/25/24 10:05	1
Atrazine	ND		2.0	0.95	ug/L		10/23/24 08:24	10/25/24 10:05	1
Benzaldehyde	ND		2.0	0.76	ug/L		10/23/24 08:24	10/25/24 10:05	1
Benzo[a]anthracene	ND		0.20	0.068	ug/L		10/23/24 08:24	10/25/24 10:05	1
Benzo[a]pyrene	ND		0.20	0.17	ug/L		10/23/24 08:24	10/25/24 10:05	1
Benzo[b]fluoranthene	ND		0.20	0.15	ug/L		10/23/24 08:24	10/25/24 10:05	1
Benzo[g,h,i]perylene	ND		0.20	0.18	ug/L		10/23/24 08:24	10/25/24 10:05	1
Benzo[k]fluoranthene	ND		0.20	0.14	ug/L		10/23/24 08:24	10/25/24 10:05	1
Bis(2-chloroethoxy)methane	ND		1.0	0.22	ug/L		10/23/24 08:24	10/25/24 10:05	1
Bis(2-chloroethyl)ether	ND		1.0	0.40	ug/L		10/23/24 08:24	10/25/24 10:05	1
Bis(2-ethylhexyl) phthalate	ND		5.0	2.2	ug/L		10/23/24 08:24	10/25/24 10:05	1
Butyl benzyl phthalate	ND		2.0	0.67	ug/L		10/23/24 08:24	10/25/24 10:05	1
Caprolactam	ND		5.0	3.8	ug/L		10/23/24 08:24	10/25/24 10:05	1
Carbazole	ND		1.0	0.49	ug/L		10/23/24 08:24	10/25/24 10:05	1
Chrysene	ND		0.20	0.066	ug/L		10/23/24 08:24	10/25/24 10:05	1
Dibenz(a,h)anthracene	ND		0.20	0.15	ug/L		10/23/24 08:24	10/25/24 10:05	1
Dibenzofuran	ND		1.0	0.27	ug/L		10/23/24 08:24	10/25/24 10:05	1
Diethyl phthalate	ND		5.0	0.41	ug/L		10/23/24 08:24	10/25/24 10:05	1
Dimethyl phthalate	ND		2.0	0.52	ug/L		10/23/24 08:24	10/25/24 10:05	1
Di-n-butyl phthalate	ND		5.0	1.8	ug/L		10/23/24 08:24	10/25/24 10:05	1
Di-n-octyl phthalate	ND		2.0	0.82	ug/L		10/23/24 08:24	10/25/24 10:05	1
Fluoranthene	ND		0.20	0.16	ug/L		10/23/24 08:24	10/25/24 10:05	1
Fluorene	ND		0.20	0.079	ug/L		10/23/24 08:24	10/25/24 10:05	1
Hexachlorobenzene	ND		0.20	0.16	ug/L		10/23/24 08:24	10/25/24 10:05	1
Hexachlorobutadiene	ND		1.0	0.54	ug/L		10/23/24 08:24	10/25/24 10:05	1
Hexachlorocyclopentadiene	ND		10	1.8	ug/L		10/23/24 08:24	10/25/24 10:05	1
Hexachloroethane	ND		1.0	0.40	ug/L		10/23/24 08:24	10/25/24 10:05	1
Indeno[1,2,3-cd]pyrene	ND		0.20	0.14	ug/L		10/23/24 08:24	10/25/24 10:05	1
Isophorone	ND		1.0	0.32	ug/L		10/23/24 08:24	10/25/24 10:05	1
N-Nitrosodi-n-propylamine	ND		1.0	0.25	ug/L		10/23/24 08:24	10/25/24 10:05	1
N-Nitrosodiphenylamine	ND		1.0	0.44	ug/L		10/23/24 08:24	10/25/24 10:05	1
Naphthalene	ND		0.20	0.11	ug/L		10/23/24 08:24	10/25/24 10:05	1
Nitrobenzene	ND		1.0	0.51	ug/L		10/23/24 08:24	10/25/24 10:05	1
Pentachlorophenol	ND		10	3.1	ug/L		10/23/24 08:24	10/25/24 10:05	1
Phenanthrene	ND		0.20	0.080	ug/L		10/23/24 08:24	10/25/24 10:05	1
Phenol	ND		1.0	0.40	ug/L		10/23/24 08:24	10/25/24 10:05	1
Pyrene	ND		0.20	0.083	ug/L		10/23/24 08:24	10/25/24 10:05	1
3 & 4 Methylphenol	ND		2.0	0.19	ug/L		10/23/24 08:24	10/25/24 10:05	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Terphenyl-d14 (Surr)	*102*		*43 - 136*	*10/23/24 08:24*	*10/25/24 10:05*	*1*
Phenol-d5 (Surr)	*73*		*10 - 120*	*10/23/24 08:24*	*10/25/24 10:05*	*1*
Nitrobenzene-d5 (Surr)	*70*		*40 - 120*	*10/23/24 08:24*	*10/25/24 10:05*	*1*
2-Fluorophenol (Surr)	*76*		*10 - 127*	*10/23/24 08:24*	*10/25/24 10:05*	*1*

Method: 8270E - Semivolatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: MB 240-632022/1-A
Matrix: Water
Analysis Batch: 632396

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 632022

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
2-Fluorobiphenyl (Surr)	74		41 - 120	10/23/24 08:24	10/25/24 10:05	1
2,4,6-Tribromophenol (Surr)	90		23 - 127	10/23/24 08:24	10/25/24 10:05	1

Lab Sample ID: LCS 240-632022/2-A
Matrix: Water
Analysis Batch: 632396

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 632022

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
1,1'-Biphenyl	32.0	24.5		ug/L		76	48 - 120
bis (2-chloroisopropyl) ether	32.0	26.8		ug/L		84	34 - 126
2,4,5-Trichlorophenol	32.0	29.4		ug/L		92	51 - 129
2,4,6-Trichlorophenol	32.0	29.6		ug/L		92	51 - 128
2,4-Dichlorophenol	32.0	28.5		ug/L		89	57 - 122
2,4-Dimethylphenol	32.0	21.0		ug/L		66	33 - 120
2,4-Dinitrophenol	64.0	51.4		ug/L		80	27 - 126
2,4-Dinitrotoluene	32.0	32.0		ug/L		100	55 - 131
2,6-Dinitrotoluene	32.0	30.2		ug/L		94	54 - 134
2-Chloronaphthalene	32.0	24.8		ug/L		78	50 - 120
2-Chlorophenol	32.0	30.2		ug/L		94	57 - 120
2-Methylnaphthalene	32.0	24.0		ug/L		75	47 - 120
2-Methylphenol	32.0	29.3		ug/L		92	47 - 120
2-Nitroaniline	32.0	30.9		ug/L		96	51 - 138
2-Nitrophenol	32.0	27.5		ug/L		86	53 - 127
3,3'-Dichlorobenzidine	64.0	62.4		ug/L		98	39 - 150
3-Nitroaniline	32.0	33.7		ug/L		105	13 - 156
4,6-Dinitro-2-methylphenol	64.0	58.6		ug/L		91	45 - 130
4-Bromophenyl phenyl ether	32.0	29.4		ug/L		92	51 - 129
4-Chloro-3-methylphenol	32.0	27.1		ug/L		85	57 - 126
4-Chloroaniline	32.0	8.96		ug/L		28	10 - 120
4-Chlorophenyl phenyl ether	32.0	27.5		ug/L		86	52 - 122
4-Nitroaniline	32.0	32.0		ug/L		100	44 - 156
4-Nitrophenol	64.0	55.3		ug/L		86	14 - 120
Acenaphthene	32.0	24.4		ug/L		76	50 - 120
Acenaphthylene	32.0	25.9		ug/L		81	49 - 120
Acetophenone	32.0	28.0		ug/L		88	52 - 120
Anthracene	32.0	28.7		ug/L		90	55 - 124
Atrazine	32.0	30.2		ug/L		94	50 - 152
Benzaldehyde	32.0	31.8		ug/L		99	36 - 168
Benzo[a]anthracene	32.0	32.0		ug/L		100	55 - 130
Benzo[a]pyrene	32.0	34.3		ug/L		107	51 - 123
Benzo[b]fluoranthene	32.0	37.3		ug/L		116	51 - 130
Benzo[g,h,i]perylene	32.0	31.0		ug/L		97	55 - 135
Benzo[k]fluoranthene	32.0	33.8		ug/L		106	53 - 130
Bis(2-chloroethoxy)methane	32.0	26.7		ug/L		83	50 - 121
Bis(2-chloroethyl)ether	32.0	25.7		ug/L		80	47 - 120
Bis(2-ethylhexyl) phthalate	32.0	40.1		ug/L		125	45 - 142
Butyl benzyl phthalate	32.0	33.3		ug/L		104	48 - 140
Caprolactam	32.0	11.3		ug/L		35	10 - 120

Method: 8270E - Semivolatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: LCS 240-632022/2-A
Matrix: Water
Analysis Batch: 632396

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 632022

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Carbazole	32.0	29.0		ug/L		90	56 - 135
Chrysene	32.0	29.9		ug/L		93	52 - 126
Dibenz(a,h)anthracene	32.0	36.2		ug/L		113	57 - 132
Dibenzofuran	32.0	26.3		ug/L		82	52 - 120
Diethyl phthalate	32.0	26.9		ug/L		84	51 - 127
Dimethyl phthalate	32.0	29.0		ug/L		91	40 - 136
Di-n-butyl phthalate	32.0	30.2		ug/L		94	56 - 138
Di-n-octyl phthalate	32.0	31.9		ug/L		100	45 - 135
Fluoranthene	32.0	29.5		ug/L		92	56 - 135
Fluorene	32.0	26.0		ug/L		81	52 - 124
Hexachlorobenzene	32.0	29.4		ug/L		92	49 - 127
Hexachlorobutadiene	32.0	22.8		ug/L		71	36 - 120
Hexachlorocyclopentadiene	32.0	8.32	J	ug/L		26	10 - 120
Hexachloroethane	32.0	22.5		ug/L		70	39 - 120
Indeno[1,2,3-cd]pyrene	32.0	34.8		ug/L		109	55 - 134
Isophorone	32.0	28.1		ug/L		88	50 - 127
N-Nitrosodi-n-propylamine	32.0	26.3		ug/L		82	49 - 128
N-Nitrosodiphenylamine	32.0	28.2		ug/L		88	53 - 127
Naphthalene	32.0	22.9		ug/L		72	46 - 120
Nitrobenzene	32.0	25.8		ug/L		81	50 - 123
Pentachlorophenol	64.0	59.3		ug/L		93	24 - 124
Phenanthrene	32.0	27.2		ug/L		85	54 - 120
Phenol	32.0	28.6		ug/L		89	10 - 120
Pyrene	32.0	30.5		ug/L		95	53 - 135
3 & 4 Methylphenol	32.0	30.5		ug/L		95	41 - 120

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
Terphenyl-d14 (Surr)	*86*		*43 - 136*
Phenol-d5 (Surr)	*82*		*10 - 120*
Nitrobenzene-d5 (Surr)	*69*		*40 - 120*
2-Fluorophenol (Surr)	*119*		*10 - 127*
2-Fluorobiphenyl (Surr)	*71*		*41 - 120*
2,4,6-Tribromophenol (Surr)	*98*		*23 - 127*

Method: 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Lab Sample ID: MB 240-632018/1-A
Matrix: Water
Analysis Batch: 632045

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 632018

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aroclor-1016	ND		0.10	0.056	ug/L		10/23/24 08:16	10/23/24 12:31	1
Aroclor-1221	ND		0.10	0.057	ug/L		10/23/24 08:16	10/23/24 12:31	1
Aroclor-1232	ND		0.10	0.074	ug/L		10/23/24 08:16	10/23/24 12:31	1
Aroclor-1242	ND		0.10	0.076	ug/L		10/23/24 08:16	10/23/24 12:31	1
Aroclor-1248	ND		0.10	0.050	ug/L		10/23/24 08:16	10/23/24 12:31	1
Aroclor-1254	ND		0.10	0.040	ug/L		10/23/24 08:16	10/23/24 12:31	1
Aroclor-1260	ND		0.10	0.046	ug/L		10/23/24 08:16	10/23/24 12:31	1
Aroclor-1262	ND		0.10	0.058	ug/L		10/23/24 08:16	10/23/24 12:31	1

Method: 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography (Continued)

Lab Sample ID: MB 240-632018/1-A
Matrix: Water
Analysis Batch: 632045

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 632018

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aroclor-1268	ND		0.10	0.062	ug/L		10/23/24 08:16	10/23/24 12:31	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Tetrachloro-m-xylene	*64*		*10 - 149*	*10/23/24 08:16*	*10/23/24 12:31*	*1*
DCB Decachlorobiphenyl	*80*		*10 - 174*	*10/23/24 08:16*	*10/23/24 12:31*	*1*

Lab Sample ID: LCS 240-632018/2-A
Matrix: Water
Analysis Batch: 632045

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 632018

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Aroclor-1016	2.50	1.65		ug/L		66	28 - 140
Aroclor-1260	2.50	1.86		ug/L		74	39 - 153

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
Tetrachloro-m-xylene	*61*		*10 - 149*
DCB Decachlorobiphenyl	*64*		*10 - 174*

Method: 6010D - Metals (ICP)

Lab Sample ID: MB 240-632066/1-A
Matrix: Water
Analysis Batch: 632391

Client Sample ID: Method Blank
Prep Type: Total Recoverable
Prep Batch: 632066

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	ND		15	4.1	ug/L		10/23/24 14:00	10/24/24 11:46	1
Barium	ND		200	1.3	ug/L		10/23/24 14:00	10/24/24 11:46	1
Cadmium	ND		5.0	0.45	ug/L		10/23/24 14:00	10/24/24 11:46	1
Chromium	ND		10	0.76	ug/L		10/23/24 14:00	10/24/24 11:46	1
Copper	ND		25	3.5	ug/L		10/23/24 14:00	10/24/24 11:46	1
Lead	ND		10	2.8	ug/L		10/23/24 14:00	10/24/24 11:46	1
Selenium	ND		20	6.0	ug/L		10/23/24 14:00	10/24/24 11:46	1
Silver	ND		10	1.4	ug/L		10/23/24 14:00	10/24/24 11:46	1
Zinc	ND		50	23	ug/L		10/23/24 14:00	10/24/24 11:46	1

Lab Sample ID: LCS 240-632066/2-A
Matrix: Water
Analysis Batch: 632391

Client Sample ID: Lab Control Sample
Prep Type: Total Recoverable
Prep Batch: 632066

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Arsenic	2000	2020		ug/L		101	80 - 120
Barium	2000	1890		ug/L		95	80 - 120
Cadmium	1000	981		ug/L		98	80 - 120
Chromium	1000	946		ug/L		95	80 - 120
Copper	1000	957		ug/L		96	80 - 120
Lead	1000	947		ug/L		95	80 - 120
Selenium	2000	2030		ug/L		102	80 - 120
Silver	100	99.6		ug/L		100	80 - 120
Zinc	1000	1010		ug/L		101	80 - 120

Client: August Mack Environmental, Inc.
Project/Site: MSC Canfield - Surface Water

Job ID: 240-213443-1

Method: 7470A - Mercury (CVAA)

Lab Sample ID: MB 240-632071/1-A
Matrix: Water
Analysis Batch: 632325

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 632071

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	ND		0.20	0.13	ug/L		10/23/24 14:00	10/24/24 09:52	1

Lab Sample ID: LCS 240-632071/2-A
Matrix: Water
Analysis Batch: 632325

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 632071

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
Mercury			5.00	5.23		ug/L		105	80 - 120		

GC/MS VOA

Analysis Batch: 632868

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
240-213443-3	TB-10-20241021	Total/NA	Water	8260D	
MB 240-632868/7	Method Blank	Total/NA	Water	8260D	
LCS 240-632868/4	Lab Control Sample	Total/NA	Water	8260D	

GC/MS Semi VOA

Prep Batch: 632022

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
240-213443-2	SB-9C-GW-24-34	Total/NA	Water	3510C LVI	
MB 240-632022/1-A	Method Blank	Total/NA	Water	3510C LVI	
LCS 240-632022/2-A	Lab Control Sample	Total/NA	Water	3510C LVI	

Analysis Batch: 632396

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
MB 240-632022/1-A	Method Blank	Total/NA	Water	8270E	632022
LCS 240-632022/2-A	Lab Control Sample	Total/NA	Water	8270E	632022

Analysis Batch: 633094

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
240-213443-2	SB-9C-GW-24-34	Total/NA	Water	8270E	632022

GC Semi VOA

Prep Batch: 632018

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
240-213443-1	SB-9B-GW-24-34	Total/NA	Water	3510C	
MB 240-632018/1-A	Method Blank	Total/NA	Water	3510C	
LCS 240-632018/2-A	Lab Control Sample	Total/NA	Water	3510C	

Analysis Batch: 632045

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
240-213443-1	SB-9B-GW-24-34	Total/NA	Water	8082A	632018
MB 240-632018/1-A	Method Blank	Total/NA	Water	8082A	632018
LCS 240-632018/2-A	Lab Control Sample	Total/NA	Water	8082A	632018

Metals

Prep Batch: 632066

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
240-213443-2	SB-9C-GW-24-34	Dissolved	Water	3005A	
MB 240-632066/1-A	Method Blank	Total Recoverable	Water	3005A	
LCS 240-632066/2-A	Lab Control Sample	Total Recoverable	Water	3005A	

Prep Batch: 632071

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
240-213443-2	SB-9C-GW-24-34	Dissolved	Water	7470A	
MB 240-632071/1-A	Method Blank	Total/NA	Water	7470A	
LCS 240-632071/2-A	Lab Control Sample	Total/NA	Water	7470A	

Analysis Batch: 632325

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
240-213443-2	SB-9C-GW-24-34	Dissolved	Water	7470A	632071

Metals (Continued)

Analysis Batch: 632325 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
MB 240-632071/1-A	Method Blank	Total/NA	Water	7470A	632071
LCS 240-632071/2-A	Lab Control Sample	Total/NA	Water	7470A	632071

Analysis Batch: 632391

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
240-213443-2	SB-9C-GW-24-34	Dissolved	Water	6010D	632066
MB 240-632066/1-A	Method Blank	Total Recoverable	Water	6010D	632066
LCS 240-632066/2-A	Lab Control Sample	Total Recoverable	Water	6010D	632066

Lab Chronicle

Client: August Mack Environmental, Inc.
Job ID: 240-213443-1
Project/Site: MSC Canfield - Surface Water

Client Sample ID: SB-9B-GW-24-34
Lab Sample ID: 240-213443-1
Date Collected: 10/19/24 12:45
Matrix: Water
Date Received: 10/21/24 16:22

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	3510C			632018	CR2J	EET CLE	10/23/24 08:16
Total/NA	Analysis	8082A		1	632045	MBB	EET CLE	10/23/24 13:48

Client Sample ID: SB-9C-GW-24-34
Lab Sample ID: 240-213443-2
Date Collected: 10/20/24 10:40
Matrix: Water
Date Received: 10/21/24 16:22

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	3510C LVI			632022	CR2J	EET CLE	10/23/24 08:24
Total/NA	Analysis	8270E		1	633094	MRU	EET CLE	10/30/24 17:36
Dissolved	Prep	3005A			632066	XWS6	EET CLE	10/23/24 14:00
Dissolved	Analysis	6010D		1	632391	RKT	EET CLE	10/24/24 13:28
Dissolved	Prep	7470A			632071	XWS6	EET CLE	10/23/24 14:00
Dissolved	Analysis	7470A		1	632325	S4FJ	EET CLE	10/24/24 10:33

Client Sample ID: TB-10-20241021
Lab Sample ID: 240-213443-3
Date Collected: 10/21/24 15:00
Matrix: Water
Date Received: 10/21/24 16:22

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260D		1	632868	LEE	EET CLE	10/29/24 10:53

Laboratory References:

EET CLE = Eurofins Cleveland, 180 S. Van Buren Avenue, Barberton, OH 44203, TEL (330)497-9396

Accreditation/Certification Summary

Client: August Mack Environmental, Inc.
Job ID: 240-213443-1
Project/Site: MSC Canfield - Surface Water

Laboratory: Eurofins Cleveland

All accreditations/certifications held by this laboratory are listed. Not all accreditations/certifications are applicable to this report.

Authority	Program	Identification Number	Expiration Date
California	State	2927	02-28-25
Connecticut	State	PH-0806	12-31-26
Georgia	State	4062	02-27-25
Illinois	NELAP	200004	08-31-25
Iowa	State	421	06-01-25
Kentucky (UST)	State	112225	02-27-25
Kentucky (WW)	State	KY98016	12-30-24
Minnesota	NELAP	039-999-348	12-31-24
New Hampshire	NELAP	225024	09-30-25
New Jersey	NELAP	OH001	07-03-25
New York	NELAP	10975	04-02-25
Ohio VAP	State	ORELAP 4062	02-27-25
Oregon	NELAP	4062	02-27-25
Pennsylvania	NELAP	68-00340	08-31-25
Texas	NELAP	T104704517-22-19	08-31-25
USDA	US Federal Programs	P330-18-00281	01-05-27
Virginia	NELAP	460175	09-14-25
West Virginia DEP	State	210	12-31-24

Eurofins Cleveland
180 S. Van Buren Avenue
Barberton, OH 44203
Phone (330) 497-9396 Phone (330) 497-0772

Chain of Custody Record

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Client Information	Sampler: Nathan Waite	Lab PM: Kalis, Nicole A	Carrier Tracking No(s):	COC No: 240-124901-43556.12
Client Contact: Kain Lager-Lowe	Phone:	E-Mail: Nicole.Kalis@et.eurofinsus.com	State of Origin:	Page: Page 1 of 1
Company: August Mack Environmental, Inc.	PWSID:			Job #: JY2380
Address: 7830 North Central Drive, Suite B	Due Date Requested:			
City: Lewis Center	TAT Requested (days): Standard			
State, Zip: OH, 43035	Compliance Project: Δ Yes Δ No			
Phone: 740-548-1515(Tel)	PO #:			
Email: klagerlowe@augustmack.com	WO #:			
Project Name: MSC Canfield - Soil/Surface Water	Project #: DO NOT DELETE - 24033889			
Site:	SSOW#:			

Analysis Requested

Preservation Codes:
N - None
A - HCL
B - NaOH
D - HNO3
Other:

Sample Identification	Sample Date	Sample Time	Sample Type (C=comp, G=grab)	Matrix (W=water, S=solid, O=waste/oil, BT=Tissue, A=Air)	Field Filtered Sample (Yes or No)	Perform MS/MSD (Yes or No)	8260 - VOCs	8270E - SVOCs	8082A - PCBs	9012 - Total Cyanide	1677 - Free Cyanide	6010D/7470A - Total RCRA 8, Cu & Zn	7196A - Total Hexavalent Chromium	6010D/7470A - Dissolved RCRA 8, Cu & Zn - Field Filtered	7196A - Dissolved Hexavalent Chromium	6010 - PIMA	7196A - Diss. Hexavalent Chromium - Field Filter	1677_Free - Cyanide, Free	8260 VOCs	Total Number of containers	Special Instructions/Note:
			Preservation Code:				A	N	N	B	B	D	N	D	N	D	N	B			
SB-9B-GW-24-34	10/19	1245	G	Water					X												
SB-9C-GW-24-34	10/20	1040	G	Water				X						X							
~~TB-14-20241020~~	~~10/20~~		G	Water															X		
TB-10-20241021	10/21	1500	G	Water															X	1	
				Water																	
				Water																	
				Water																	
				Water																	
				Water																	
				Water																	
				Water																	

240-213443 COC

Possible Hazard Identification
☐ Non-Hazard ☐ Flammable ☐ Skin Irritant ☐ Poison B ☐ Unknown ☐ Radiological

Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)
☐ Return To Client ☐ Disposal By Lab ☐ Archive For _____ Months

Deliverable Requested: I, II, III, IV, Other (specify)

Special Instructions/QC Requirements:

Empty Kit Relinquished by:	Date:	Time:	Method of Shipment:

Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company
E. Scott McBoos	10-21-24 / 1500	AME		10/21/24 1450	EUR
	10/21/24 1622	EUR	JMOROSKO	10/21/24 1622	GBTM

Custody Seals Intact: Δ Yes Δ No	Custody Seal No.:	Cooler Temperature(s) °C and Other Remarks:

Eurofins – Cleveland Sample Receipt Form/Narrative Login # :
Barberton Facility

Client August Mack Site Name

Cooler unpacked by: JMOROSKO

Cooler Received on 10/22/24 Opened on 10/22/24

FedEx. 1st Grd Exp UPS FAS Waypoint Client Drop Off Eurofins Courier Other

Receipt After-hours Drop-off Date/Time Storage Location

Eurofins Cooler # EC Foam Box Client Cooler Box Other

Packing material used. Bubble Wrap Foam Plastic Bag None Other

COOLANT: Wet Ice Blue Ice Dry Ice Water None

1 Cooler temperature upon receipt ☒ See Multiple Cooler Form

IR GUN # 17 (CF 10.1 °C) Observed Cooler Temp. °C Corrected Cooler Temp. °C

2. Were tamper/custody seals on the outside of the cooler(s)? If Yes Quantity	Yes (No)	**Tests that are not checked for pH by Receiving:**
-Were the seals on the outside of the cooler(s) signed & dated?	Yes No (NA)	
-Were tamper/custody seals on the bottle(s) or bottle kits (LLHg/MeHg)?	Yes (No)	**VOAs**
-Were tamper/custody seals intact and uncompromised?	Yes No (NA)	**Oil and Grease**
3 Shippers' packing slip attached to the cooler(s)?	Yes (No)	**TOC**
4. Did custody papers accompany the sample(s)?	(Yes) No	
5 Were the custody papers relinquished & signed in the appropriate place?	(Yes) No	
6. Was/were the person(s) who collected the samples clearly identified on the COC?	(Yes) No	
7 Did all bottles arrive in good condition (Unbroken)?	(Yes) No	
8. *Could all bottle labels (ID/Date/Time) be reconciled with the COC?*	(Yes) *No*	
9 For each sample, does the COC specify preservatives (Y/N), # of containers (Y/N), and sample type of grab/comp (Y/N)?		
10 Were correct bottle(s) used for the test(s) indicated?	(Yes) No	
11 Sufficient quantity received to perform indicated analyses?	(Yes) No	
12. Are these work share samples and all listed on the COC?	Yes (No)	
If yes, Questions 13-17 have been checked at the originating laboratory		
13 Were all preserved sample(s) at the correct pH upon receipt?	Yes No (NA)	pH Strip Lot# HC447997
14 Were VOAs on the COC?	(Yes) No	
15 Were air bubbles >6 mm in any VOA vials? ● ⬅ Larger than this.	Yes (No) NA	
16 Was a VOA trip blank present in the cooler(s)? Trip Blank Lot # 0Y4301T	(Yes) No	
17 Was a LL Hg or Me Hg trip blank present?	Yes (No)	

Contacted PM Date by via Verbal Voice Mail Other

Concerning

18. CHAIN OF CUSTODY & SAMPLE DISCREPANCIES ☐ additional next page

Samples processed by:

19 SAMPLE CONDITION

Sample(s) were received after the recommended holding time had expired.

Sample(s) were received in a broken container

Sample(s) were received with bubble >6 mm in diameter (Notify PM)

20. SAMPLE PRESERVATION

Sample(s) were further preserved in the laboratory

Time preserved: Preservative(s) added/Lot number(s).

VOA Sample Preservation - Date/Time VOAs Frozen.

Login # : _____

Eurofins - Cleveland Sample Receipt Multiple Cooler Form

Cooler Description (Circle)	IR Gun # (Circle)	Observed Temp °C	Corrected Temp °C	Coolant (Circle)
(EC) Client Box Other	IR GUN #: 17	1.2	1.3	(Wet Ice) Blue Ice Dry Ice Water None
EC Client Box Other	IR GUN #:	2.2	2.3	Wet Ice Blue Ice Dry Ice Water None
EC Client Box Other	IR GUN #:	1.3	1.4	Wet Ice Blue Ice Dry Ice Water None
EC Client Box Other	IR GUN #:	4.7	4.8	Wet Ice Blue Ice Dry Ice Water None
EC Client Box Other	IR GUN #:	

10/22/2024

Login Container Summary Report

240-213443

10/31/2024

Temperature readings. _____

Client Sample ID	Lab ID	Container Type	Container pH	Container Temp	Preservation Added	Preservation Lot Number
SB-9B-GW-24-34	240-213443-A-1	Amber Glass 1 liter - unpreserved				
SB-9B-GW-24-34	240-213443-B-1	Amber Glass 1 liter - unpreserved				
SB-9C-GW-24-34	240-213443-A-2	Amber Glass 250ml - unpreserved				
SB-9C-GW-24-34	240-213443-B-2	Amber Glass 250ml - unpreserved				
SB-9C-GW-24-34	240-213443-C-2	Plastic 500ml - w/ Nitric - Dis.	<2			
TB-10-20241021	240-213443-A-3	Voa Vial 40ml - Hydrochloric Acid				

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ANALYTICAL REPORT

PREPARED FOR

Attn: Kain Lager-Lowe
August Mack Environmental, Inc.
7830 North Central Drive, Suite B
Lewis Center, Ohio 43035

Generated 11/4/2024 5:34:13 PM

JOB DESCRIPTION

MSC Canfield - N Ditch Sampling

JOB NUMBER

240-213444-1

Eurofins Cleveland
180 S. Van Buren Avenue
Barberton OH 44203

See page two for job notes and contact information.

Job Notes

This report may not be reproduced except in full, and with written approval from the laboratory. The results relate only to the samples tested. For questions please contact the Project Manager at the e-mail address or telephone number listed on this page.

The test results in this report relate only to the samples as received by the laboratory and will meet all requirements of the methodology, with any exceptions noted. This report shall not be reproduced except in full, without the express written approval of the laboratory. All questions should be directed to the Eurofins Environment Testing North Central, LLC Project Manager.

Authorization



Generated
11/4/2024 5:34:13 PM

Authorized for release by
Nicole Kalis, Project Manager I
Nicole.Kalis@et.eurofinsus.com
(330)497-9396

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Definitions/Glossary

Client: August Mack Environmental, Inc. Job ID: 240-213444-1
Project/Site: MSC Canfield - N Ditch Sampling

Qualifiers

GC/MS VOA

Qualifier	Qualifier Description
J	Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.

GC/MS Semi VOA

Qualifier	Qualifier Description
F1	MS and/or MSD recovery exceeds control limits.
J	Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.

Metals

Qualifier	Qualifier Description
4	MS, MSD: The analyte present in the original sample is greater than 4 times the matrix spike concentration; therefore, control limits are not applicable.
F1	MS and/or MSD recovery exceeds control limits.
J	Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.

General Chemistry

Qualifier	Qualifier Description
F1	MS and/or MSD recovery exceeds control limits.
F5	Duplicate RPD exceeds limit, and one or both sample results are less than 5 times RL, and the absolute difference between results is < the upper reporting limits for both.
J	Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.

Glossary

Abbreviation	These commonly used abbreviations may or may not be present in this report.
☼	Listed under the "D" column to designate that the result is reported on a dry weight basis
%R	Percent Recovery
CFL	Contains Free Liquid
CFU	Colony Forming Unit
CNF	Contains No Free Liquid
DER	Duplicate Error Ratio (normalized absolute difference)
Dil Fac	Dilution Factor
DL	Detection Limit (DoD/DOE)
DL, RA, RE, IN	Indicates a Dilution, Re-analysis, Re-extraction, or additional Initial metals/anion analysis of the sample
DLC	Decision Level Concentration (Radiochemistry)
EDL	Estimated Detection Limit (Dioxin)
LOD	Limit of Detection (DoD/DOE)
LOQ	Limit of Quantitation (DoD/DOE)
MCL	EPA recommended "Maximum Contaminant Level"
MDA	Minimum Detectable Activity (Radiochemistry)
MDC	Minimum Detectable Concentration (Radiochemistry)
MDL	Method Detection Limit
ML	Minimum Level (Dioxin)
MPN	Most Probable Number
MQL	Method Quantitation Limit
NC	Not Calculated
ND	Not Detected at the reporting limit (or MDL or EDL if shown)
NEG	Negative / Absent
POS	Positive / Present
PQL	Practical Quantitation Limit
PRES	Presumptive
QC	Quality Control
RER	Relative Error Ratio (Radiochemistry)
RL	Reporting Limit or Requested Limit (Radiochemistry)
RPD	Relative Percent Difference, a measure of the relative difference between two points
TEF	Toxicity Equivalent Factor (Dioxin)
TEQ	Toxicity Equivalent Quotient (Dioxin)

Glossary (Continued)

Abbreviation	These commonly used abbreviations may or may not be present in this report.
TNTC	Too Numerous To Count

Job ID: 240-213444-1 Eurofins Cleveland

Job Narrative
240-213444-1

Analytical test results meet all requirements of the associated regulatory program listed on the Accreditation/Certification Summary Page unless otherwise noted under the individual analysis. Data qualifiers and/or narrative comments are included to explain any exceptions, if applicable.

- Matrix QC may not be reported if insufficient sample is provided or site-specific QC samples were not submitted. In these situations, to demonstrate precision and accuracy at a batch level, a LCS/LCSD may be performed, unless otherwise specified in the method.
- Surrogate and/or isotope dilution analyte recoveries (if applicable) which are outside of the QC window are confirmed unless attributed to a dilution or otherwise noted in the narrative.

Regulated compliance samples (e.g. SDWA, NPDES) must comply with the associated agency requirements/permits.

Receipt
The samples were received on 10/21/2024 4:22 PM. Unless otherwise noted below, the samples arrived in good condition, and, where required, properly preserved and on ice. The temperatures of the 4 coolers at receipt time were 1.3°C, 1.4°C, 2.3°C and 4.8°C.

GC/MS VOA
Method 8260D: The continuing calibration verification (CCV) analyzed in batch 240-632868 was outside the method criteria for the following analyte(s): Chloroethane, Chloromethane, Dichlorodifluoromethane and Vinyl chloride. A CCV standard at or below the reporting limit (RL) was analyzed with the affected samples and found to be acceptable. As indicated in the reference method, sample analysis may proceed; however, any detection for the affected analyte(s) is considered estimated.

No additional analytical or quality issues were noted, other than those described above or in the Definitions/ Glossary page.

GC/MS Semi VOA
No additional analytical or quality issues were noted, other than those described above or in the Definitions/ Glossary page.

Metals
No additional analytical or quality issues were noted, other than those described above or in the Definitions/ Glossary page.

General Chemistry
Method 7196A: The following sample was diluted due to the nature of the sample matrix: T2-1250-S-0.0 (240-213444-11). Elevated reporting limits (RLs) are provided.

Method 7196A: The matrix spike soluble/matrix spike insoluble (MSS/MSI) recoveries for batch were outside control limits due to sample matrix. The associated laboratory control sample (LCSS/LCSI) recoveries met acceptance criteria.

No additional analytical or quality issues were noted, other than those described above or in the Definitions/ Glossary page.

Method Summary

Client: August Mack Environmental, Inc.
Project/Site: MSC Canfield - N Ditch Sampling

Job ID: 240-213444-1

Method	Method Description	Protocol	Laboratory
8260D	Volatile Organic Compounds by GC/MS	SW846	EET CLE
8270E	Semivolatile Organic Compounds (GC/MS)	SW846	EET CLE
6010D	Metals (ICP)	SW846	EET CLE
7471B	Mercury (CVAA)	SW846	EET CLE
7196A	Chromium, Hexavalent	SW846	ELLE
9012B	Cyanide, Total andor Amenable	SW846	EET CLE
Moisture	Percent Moisture	EPA	EET CLE
OIA-1677	Cyanide, Free (Flow Injection)	OI CORP	ELLE
3050B	Preparation, Metals	SW846	EET CLE
3060A	Alkaline Digestion (Chromium, Hexavalent)	SW846	ELLE
3546	Microwave Extraction	SW846	EET CLE
5030C	Purge and Trap	SW846	EET CLE
7471B	Preparation, Mercury	SW846	EET CLE
9012B	Cyanide, Total and/or Amenable, Distillation	SW846	EET CLE
D3987-85	ASTM Leaching Procedure	ASTM	ELLE

Protocol References:

ASTM = ASTM International

EPA = US Environmental Protection Agency

OI CORP = OI Corporation Instrument Manual.

SW846 = "Test Methods For Evaluating Solid Waste, Physical/Chemical Methods", Third Edition, November 1986 And Its Updates.

Laboratory References:

EET CLE = Eurofins Cleveland, 180 S. Van Buren Avenue, Barberton, OH 44203, TEL (330)497-9396

ELLE = Eurofins Lancaster Laboratories Environment Testing, LLC, 2425 New Holland Pike, Lancaster, PA 17601, TEL (717)656-2300

Sample Summary

Client: August Mack Environmental, Inc.
Project/Site: MSC Canfield - N Ditch Sampling

Job ID: 240-213444-1

Lab Sample ID	Client Sample ID	Matrix	Collected	Received
240-213444-1	T2-1000-C-2.0	Solid	10/21/24 10:25	10/21/24 16:22
240-213444-2	T2-1000-C-0.0	Solid	10/21/24 10:10	10/21/24 16:22
240-213444-3	T2-1000-S-0.0	Solid	10/21/24 10:50	10/21/24 16:22
240-213444-4	DUP-1-20241021	Solid	10/21/24 00:00	10/21/24 16:22
240-213444-5	T2-1000-S-2.0	Solid	10/21/24 11:10	10/21/24 16:22
240-213444-6	T2-1000-N-0.0	Solid	10/21/24 11:25	10/21/24 16:22
240-213444-7	T2-1125-S-0.0	Solid	10/21/24 12:15	10/21/24 16:22
240-213444-8	T2-1125-S-2.0	Solid	10/21/24 12:30	10/21/24 16:22
240-213444-9	T2-1125-N-0.0	Solid	10/21/24 12:40	10/21/24 16:22
240-213444-10	T2-1125-N-2.0	Solid	10/21/24 12:55	10/21/24 16:22
240-213444-11	T2-1250-S-0.0	Solid	10/21/24 13:55	10/21/24 16:22
240-213444-12	TB-1-20241021	Water	10/21/24 14:00	10/21/24 16:22
240-213444-13	TB-2-20241021	Water	10/21/24 14:05	10/21/24 16:22

Detection Summary

Client: August Mack Environmental, Inc.
Project/Site: MSC Canfield - N Ditch Sampling

Job ID: 240-213444-1

Client Sample ID: T2-1000-C-2.0 — Lab Sample ID: 240-213444-1

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Benzo[a]anthracene	24	J	50	19	ug/Kg	1	☼	8270E	Total/NA
Benzo[a]pyrene	32	J	50	17	ug/Kg	1	☼	8270E	Total/NA
Benzo[b]fluoranthene	60		50	15	ug/Kg	1	☼	8270E	Total/NA
Benzo[k]fluoranthene	16	J	50	12	ug/Kg	1	☼	8270E	Total/NA
Chrysene	35	J	50	17	ug/Kg	1	☼	8270E	Total/NA
Fluoranthene	76		50	17	ug/Kg	1	☼	8270E	Total/NA
Indeno[1,2,3-cd]pyrene	20	J	50	15	ug/Kg	1	☼	8270E	Total/NA
Phenanthrene	28	J	50	16	ug/Kg	1	☼	8270E	Total/NA
Pyrene	60		50	20	ug/Kg	1	☼	8270E	Total/NA
Arsenic	13		1.4	0.29	mg/Kg	1	☼	6010D	Total/NA
Barium	93		18	0.12	mg/Kg	1	☼	6010D	Total/NA
Cadmium	0.12	J	0.46	0.044	mg/Kg	1	☼	6010D	Total/NA
Chromium	23		0.92	0.32	mg/Kg	1	☼	6010D	Total/NA
Copper	17		2.3	0.65	mg/Kg	1	☼	6010D	Total/NA
Lead	12		0.92	0.26	mg/Kg	1	☼	6010D	Total/NA
Selenium	0.64	J	1.8	0.43	mg/Kg	1	☼	6010D	Total/NA
Zinc	68		4.6	3.3	mg/Kg	1	☼	6010D	Total/NA
Cyanide, Total	29		3.3	2.6	mg/Kg	5	☼	9012B	Total/NA

Client Sample ID: T2-1000-C-0.0 — Lab Sample ID: 240-213444-2

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Anthracene	220		98	29	ug/Kg	2	☼	8270E	Total/NA
Benzo[a]anthracene	1400		98	37	ug/Kg	2	☼	8270E	Total/NA
Benzo[a]pyrene	1700		98	34	ug/Kg	2	☼	8270E	Total/NA
Benzo[b]fluoranthene	2400		98	29	ug/Kg	2	☼	8270E	Total/NA
Benzo[g,h,i]perylene	1400		98	66	ug/Kg	2	☼	8270E	Total/NA
Benzo[k]fluoranthene	1100		98	25	ug/Kg	2	☼	8270E	Total/NA
Chrysene	1900		98	34	ug/Kg	2	☼	8270E	Total/NA
Dibenz(a,h)anthracene	280		98	37	ug/Kg	2	☼	8270E	Total/NA
Fluoranthene	3600		98	34	ug/Kg	2	☼	8270E	Total/NA
Fluorene	41	J	98	34	ug/Kg	2	☼	8270E	Total/NA
Indeno[1,2,3-cd]pyrene	1100		98	29	ug/Kg	2	☼	8270E	Total/NA
Phenanthrene	910		98	32	ug/Kg	2	☼	8270E	Total/NA
Pyrene	2700		98	39	ug/Kg	2	☼	8270E	Total/NA
Arsenic	27		1.5	0.32	mg/Kg	1	☼	6010D	Total/NA
Barium	69		20	0.13	mg/Kg	1	☼	6010D	Total/NA
Cadmium	0.20	J	0.51	0.049	mg/Kg	1	☼	6010D	Total/NA
Chromium	12		1.0	0.35	mg/Kg	1	☼	6010D	Total/NA
Copper	6.1		2.5	0.71	mg/Kg	1	☼	6010D	Total/NA
Lead	21		1.0	0.29	mg/Kg	1	☼	6010D	Total/NA
Selenium	1.1	J	2.0	0.48	mg/Kg	1	☼	6010D	Total/NA
Zinc	730		5.1	3.7	mg/Kg	1	☼	6010D	Total/NA
Cyanide, Total	250		31	25	mg/Kg	50	☼	9012B	Total/NA
Cyanide, Free	0.017		0.0060	0.0050	mg/L	1		OIA-1677	ASTM Leach

Client Sample ID: T2-1000-S-0.0 — Lab Sample ID: 240-213444-3

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Acenaphthene	33	J	51	18	ug/Kg	1	☼	8270E	Total/NA
Acenaphthylene	37	J	51	19	ug/Kg	1	☼	8270E	Total/NA
Anthracene	140		51	15	ug/Kg	1	☼	8270E	Total/NA

This Detection Summary does not include radiochemical test results.

Eurofins Cleveland

Client Sample ID: T2-1000-S-0.0 (Continued)

Lab Sample ID: 240-213444-3

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Benzo[a]anthracene	900		51	19	ug/Kg	1	☼	8270E	Total/NA
Benzo[a]pyrene	1200		51	18	ug/Kg	1	☼	8270E	Total/NA
Benzo[b]fluoranthene	1900		51	15	ug/Kg	1	☼	8270E	Total/NA
Benzo[g,h,i]perylene	990		51	35	ug/Kg	1	☼	8270E	Total/NA
Benzo[k]fluoranthene	790		51	13	ug/Kg	1	☼	8270E	Total/NA
Chrysene	1400		51	18	ug/Kg	1	☼	8270E	Total/NA
Dibenz(a,h)anthracene	190		51	19	ug/Kg	1	☼	8270E	Total/NA
Fluoranthene	2400		51	18	ug/Kg	1	☼	8270E	Total/NA
Fluorene	35	J	51	18	ug/Kg	1	☼	8270E	Total/NA
Indeno[1,2,3-cd]pyrene	780		51	15	ug/Kg	1	☼	8270E	Total/NA
Naphthalene	26	J	51	17	ug/Kg	1	☼	8270E	Total/NA
Phenanthrene	780		51	17	ug/Kg	1	☼	8270E	Total/NA
Pyrene	1800		51	20	ug/Kg	1	☼	8270E	Total/NA
Arsenic	8.9		1.6	0.35	mg/Kg	1	☼	6010D	Total/NA
Barium	56		22	0.14	mg/Kg	1	☼	6010D	Total/NA
Cadmium	0.29	J	0.55	0.052	mg/Kg	1	☼	6010D	Total/NA
Chromium	19		1.1	0.38	mg/Kg	1	☼	6010D	Total/NA
Copper	13		2.7	0.77	mg/Kg	1	☼	6010D	Total/NA
Lead	20		1.1	0.31	mg/Kg	1	☼	6010D	Total/NA
Selenium	0.86	J	2.2	0.51	mg/Kg	1	☼	6010D	Total/NA
Zinc	500		5.5	4.0	mg/Kg	1	☼	6010D	Total/NA
Mercury	0.034	J	0.12	0.022	mg/Kg	1	☼	7471B	Total/NA
Cyanide, Total	80		13	10	mg/Kg	25	☼	9012B	Total/NA
Cyanide, Free	0.023		0.0060	0.0050	mg/L	1		OIA-1677	ASTM Leach

Client Sample ID: DUP-1-20241021

Lab Sample ID: 240-213444-4

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Acenaphthene	47	J	53	19	ug/Kg	1	☼	8270E	Total/NA
Acenaphthylene	42	J	53	20	ug/Kg	1	☼	8270E	Total/NA
Anthracene	170		53	16	ug/Kg	1	☼	8270E	Total/NA
Benzo[a]anthracene	980		53	20	ug/Kg	1	☼	8270E	Total/NA
Benzo[a]pyrene	1300		53	19	ug/Kg	1	☼	8270E	Total/NA
Benzo[b]fluoranthene	2100		53	16	ug/Kg	1	☼	8270E	Total/NA
Benzo[g,h,i]perylene	1000		53	36	ug/Kg	1	☼	8270E	Total/NA
Benzo[k]fluoranthene	800		53	13	ug/Kg	1	☼	8270E	Total/NA
Chrysene	1400		53	19	ug/Kg	1	☼	8270E	Total/NA
Dibenz(a,h)anthracene	190		53	20	ug/Kg	1	☼	8270E	Total/NA
Fluoranthene	2500		53	19	ug/Kg	1	☼	8270E	Total/NA
Fluorene	47	J	53	19	ug/Kg	1	☼	8270E	Total/NA
Indeno[1,2,3-cd]pyrene	790		53	16	ug/Kg	1	☼	8270E	Total/NA
Naphthalene	34	J	53	17	ug/Kg	1	☼	8270E	Total/NA
Phenanthrene	940		53	17	ug/Kg	1	☼	8270E	Total/NA
Pyrene	1900		53	21	ug/Kg	1	☼	8270E	Total/NA
Arsenic	10		1.9	0.40	mg/Kg	1	☼	6010D	Total/NA
Barium	62		25	0.16	mg/Kg	1	☼	6010D	Total/NA
Cadmium	0.32	J	0.63	0.061	mg/Kg	1	☼	6010D	Total/NA
Chromium	20		1.3	0.44	mg/Kg	1	☼	6010D	Total/NA
Copper	17		3.2	0.89	mg/Kg	1	☼	6010D	Total/NA
Lead	21		1.3	0.36	mg/Kg	1	☼	6010D	Total/NA
Selenium	0.61	J	2.5	0.59	mg/Kg	1	☼	6010D	Total/NA

This Detection Summary does not include radiochemical test results.

Client Sample ID: DUP-1-20241021 (Continued)
Lab Sample ID: 240-213444-4

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Zinc	240		6.3	4.6	mg/Kg	1	☼	6010D	Total/NA
Mercury	0.040	J	0.12	0.022	mg/Kg	1	☼	7471B	Total/NA
Cyanide, Total	89		17	14	mg/Kg	25	☼	9012B	Total/NA

Client Sample ID: T2-1000-S-2.0
Lab Sample ID: 240-213444-5

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Benzo[a]anthracene	92		64	24	ug/Kg	1	☼	8270E	Total/NA
Benzo[a]pyrene	120		64	22	ug/Kg	1	☼	8270E	Total/NA
Benzo[b]fluoranthene	180		64	19	ug/Kg	1	☼	8270E	Total/NA
Benzo[g,h,i]perylene	49	J	64	43	ug/Kg	1	☼	8270E	Total/NA
Benzo[k]fluoranthene	76		64	16	ug/Kg	1	☼	8270E	Total/NA
Chrysene	130		64	22	ug/Kg	1	☼	8270E	Total/NA
Dibenz(a,h)anthracene	27	J	64	24	ug/Kg	1	☼	8270E	Total/NA
Fluoranthene	290		64	22	ug/Kg	1	☼	8270E	Total/NA
Indeno[1,2,3-cd]pyrene	70		64	19	ug/Kg	1	☼	8270E	Total/NA
Phenanthrene	94		64	21	ug/Kg	1	☼	8270E	Total/NA
Pyrene	200		64	26	ug/Kg	1	☼	8270E	Total/NA
Arsenic	11		2.0	0.42	mg/Kg	1	☼	6010D	Total/NA
Barium	80		26	0.17	mg/Kg	1	☼	6010D	Total/NA
Cadmium	0.21	J	0.66	0.063	mg/Kg	1	☼	6010D	Total/NA
Chromium	20		1.3	0.45	mg/Kg	1	☼	6010D	Total/NA
Copper	20		3.3	0.92	mg/Kg	1	☼	6010D	Total/NA
Lead	15		1.3	0.37	mg/Kg	1	☼	6010D	Total/NA
Selenium	0.96	J	2.6	0.62	mg/Kg	1	☼	6010D	Total/NA
Zinc	86		6.6	4.8	mg/Kg	1	☼	6010D	Total/NA
Cyanide, Total	93		4.4	3.5	mg/Kg	5	☼	9012B	Total/NA
Cyanide, Free	0.0051	J	0.0060	0.0050	mg/L	1		OIA-1677	ASTM Leach

Client Sample ID: T2-1000-N-0.0
Lab Sample ID: 240-213444-6

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Benzo[a]anthracene	33	J	53	20	ug/Kg	1	☼	8270E	Total/NA
Benzo[a]pyrene	45	J	53	18	ug/Kg	1	☼	8270E	Total/NA
Benzo[b]fluoranthene	81		53	16	ug/Kg	1	☼	8270E	Total/NA
Benzo[k]fluoranthene	27	J	53	13	ug/Kg	1	☼	8270E	Total/NA
Chrysene	54		53	18	ug/Kg	1	☼	8270E	Total/NA
Fluoranthene	110		53	18	ug/Kg	1	☼	8270E	Total/NA
Indeno[1,2,3-cd]pyrene	28	J	53	16	ug/Kg	1	☼	8270E	Total/NA
Phenanthrene	31	J	53	17	ug/Kg	1	☼	8270E	Total/NA
Pyrene	75		53	21	ug/Kg	1	☼	8270E	Total/NA
Arsenic	13		1.8	0.38	mg/Kg	1	☼	6010D	Total/NA
Barium	67		24	0.15	mg/Kg	1	☼	6010D	Total/NA
Cadmium	0.12	J	0.59	0.057	mg/Kg	1	☼	6010D	Total/NA
Chromium	18		1.2	0.41	mg/Kg	1	☼	6010D	Total/NA
Copper	18		3.0	0.83	mg/Kg	1	☼	6010D	Total/NA
Lead	12		1.2	0.33	mg/Kg	1	☼	6010D	Total/NA
Selenium	0.58	J	2.4	0.56	mg/Kg	1	☼	6010D	Total/NA
Zinc	71		5.9	4.3	mg/Kg	1	☼	6010D	Total/NA
Mercury	0.024	J	0.12	0.021	mg/Kg	1	☼	7471B	Total/NA
Cyanide, Total	9.2		0.70	0.56	mg/Kg	1	☼	9012B	Total/NA
Cyanide, Free	0.0094		0.0060	0.0050	mg/L	1		OIA-1677	ASTM Leach

This Detection Summary does not include radiochemical test results.

Detection Summary

Client: August Mack Environmental, Inc.
Project/Site: MSC Canfield - N Ditch Sampling

Job ID: 240-213444-1

Client Sample ID: T2-1125-S-0.0 — Lab Sample ID: 240-213444-7

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Anthracene	88		70	21	ug/Kg	1	☼	8270E	Total/NA
Benzo[a]anthracene	590		70	26	ug/Kg	1	☼	8270E	Total/NA
Benzo[a]pyrene	800		70	24	ug/Kg	1	☼	8270E	Total/NA
Benzo[b]fluoranthene	1500		70	21	ug/Kg	1	☼	8270E	Total/NA
Benzo[g,h,i]perylene	780		70	47	ug/Kg	1	☼	8270E	Total/NA
Benzo[k]fluoranthene	420		70	17	ug/Kg	1	☼	8270E	Total/NA
Chrysene	980		70	24	ug/Kg	1	☼	8270E	Total/NA
Dibenz(a,h)anthracene	140		70	26	ug/Kg	1	☼	8270E	Total/NA
Fluoranthene	1800		70	24	ug/Kg	1	☼	8270E	Total/NA
Indeno[1,2,3-cd]pyrene	600		70	21	ug/Kg	1	☼	8270E	Total/NA
Naphthalene	30	J	70	23	ug/Kg	1	☼	8270E	Total/NA
Phenanthrene	540		70	23	ug/Kg	1	☼	8270E	Total/NA
Pyrene	1300		70	28	ug/Kg	1	☼	8270E	Total/NA
Arsenic	13		2.2	0.47	mg/Kg	1	☼	6010D	Total/NA
Barium	75		30	0.19	mg/Kg	1	☼	6010D	Total/NA
Cadmium	0.34	J	0.74	0.071	mg/Kg	1	☼	6010D	Total/NA
Chromium	22		1.5	0.51	mg/Kg	1	☼	6010D	Total/NA
Copper	11		3.7	1.0	mg/Kg	1	☼	6010D	Total/NA
Lead	22		1.5	0.42	mg/Kg	1	☼	6010D	Total/NA
Selenium	1.0	J	3.0	0.69	mg/Kg	1	☼	6010D	Total/NA
Zinc	1900		7.4	5.4	mg/Kg	1	☼	6010D	Total/NA
Mercury	0.034	J	0.15	0.027	mg/Kg	1	☼	7471B	Total/NA
Cyanide, Total	49		37	29	mg/Kg	50	☼	9012B	Total/NA
Cyanide, Free	0.047		0.0060	0.0050	mg/L	1		OIA-1677	ASTM Leach

Client Sample ID: T2-1125-S-2.0 — Lab Sample ID: 240-213444-8

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Benzo[a]anthracene	26	J	51	19	ug/Kg	1	☼	8270E	Total/NA
Benzo[a]pyrene	34	J	51	18	ug/Kg	1	☼	8270E	Total/NA
Benzo[b]fluoranthene	50	J	51	15	ug/Kg	1	☼	8270E	Total/NA
Benzo[k]fluoranthene	27	J	51	13	ug/Kg	1	☼	8270E	Total/NA
Chrysene	41	J	51	18	ug/Kg	1	☼	8270E	Total/NA
Fluoranthene	75		51	18	ug/Kg	1	☼	8270E	Total/NA
Indeno[1,2,3-cd]pyrene	21	J	51	15	ug/Kg	1	☼	8270E	Total/NA
Phenanthrene	30	J	51	16	ug/Kg	1	☼	8270E	Total/NA
Pyrene	53		51	20	ug/Kg	1	☼	8270E	Total/NA
Arsenic	11		1.6	0.33	mg/Kg	1	☼	6010D	Total/NA
Barium	120		21	0.13	mg/Kg	1	☼	6010D	Total/NA
Cadmium	0.11	J	0.52	0.050	mg/Kg	1	☼	6010D	Total/NA
Chromium	21		1.0	0.36	mg/Kg	1	☼	6010D	Total/NA
Copper	20		2.6	0.73	mg/Kg	1	☼	6010D	Total/NA
Lead	11		1.0	0.30	mg/Kg	1	☼	6010D	Total/NA
Selenium	0.63	J	2.1	0.49	mg/Kg	1	☼	6010D	Total/NA
Zinc	73		5.2	3.8	mg/Kg	1	☼	6010D	Total/NA
Cyanide, Total	240		17	14	mg/Kg	25	☼	9012B	Total/NA

Client Sample ID: T2-1125-N-0.0 — Lab Sample ID: 240-213444-9

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Anthracene	110		71	21	ug/Kg	1	☼	8270E	Total/NA
Benzo[a]anthracene	650		71	27	ug/Kg	1	☼	8270E	Total/NA

This Detection Summary does not include radiochemical test results.

Eurofins Cleveland

Client Sample ID: T2-1125-N-0.0 (Continued)

Lab Sample ID: 240-213444-9

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Benzo[a]pyrene	910		71	25	ug/Kg	1	☼	8270E	Total/NA
Benzo[b]fluoranthene	1600		71	21	ug/Kg	1	☼	8270E	Total/NA
Benzo[g,h,i]perylene	620		71	48	ug/Kg	1	☼	8270E	Total/NA
Benzo[k]fluoranthene	490		71	18	ug/Kg	1	☼	8270E	Total/NA
Chrysene	1100		71	25	ug/Kg	1	☼	8270E	Total/NA
Dibenz(a,h)anthracene	130		71	27	ug/Kg	1	☼	8270E	Total/NA
Fluoranthene	2000		71	25	ug/Kg	1	☼	8270E	Total/NA
Fluorene	29	J	71	25	ug/Kg	1	☼	8270E	Total/NA
Indeno[1,2,3-cd]pyrene	520		71	21	ug/Kg	1	☼	8270E	Total/NA
Naphthalene	30	J	71	23	ug/Kg	1	☼	8270E	Total/NA
Phenanthrene	580		71	23	ug/Kg	1	☼	8270E	Total/NA
Pyrene	1500		71	28	ug/Kg	1	☼	8270E	Total/NA
Arsenic	13		2.7	0.57	mg/Kg	1	☼	6010D	Total/NA
Barium	80		36	0.23	mg/Kg	1	☼	6010D	Total/NA
Cadmium	0.39	J	0.90	0.086	mg/Kg	1	☼	6010D	Total/NA
Chromium	25		1.8	0.62	mg/Kg	1	☼	6010D	Total/NA
Copper	16		4.5	1.3	mg/Kg	1	☼	6010D	Total/NA
Lead	24		1.8	0.51	mg/Kg	1	☼	6010D	Total/NA
Selenium	1.3	J	3.6	0.84	mg/Kg	1	☼	6010D	Total/NA
Zinc	1300		9.0	6.5	mg/Kg	1	☼	6010D	Total/NA
Cyanide, Free	0.026		0.0060	0.0050	mg/L	1		OIA-1677	ASTM Leach

Client Sample ID: T2-1125-N-2.0

Lab Sample ID: 240-213444-10

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Benzo[a]anthracene	22	J	51	19	ug/Kg	1	☼	8270E	Total/NA
Benzo[a]pyrene	24	J	51	18	ug/Kg	1	☼	8270E	Total/NA
Benzo[b]fluoranthene	41	J	51	15	ug/Kg	1	☼	8270E	Total/NA
Benzo[k]fluoranthene	14	J	51	13	ug/Kg	1	☼	8270E	Total/NA
Chrysene	34	J	51	18	ug/Kg	1	☼	8270E	Total/NA
Fluoranthene	55		51	18	ug/Kg	1	☼	8270E	Total/NA
Phenanthrene	20	J	51	16	ug/Kg	1	☼	8270E	Total/NA
Pyrene	51		51	20	ug/Kg	1	☼	8270E	Total/NA
Arsenic	16		1.8	0.37	mg/Kg	1	☼	6010D	Total/NA
Barium	95		24	0.15	mg/Kg	1	☼	6010D	Total/NA
Cadmium	0.15	J	0.59	0.057	mg/Kg	1	☼	6010D	Total/NA
Chromium	18		1.2	0.41	mg/Kg	1	☼	6010D	Total/NA
Copper	17		3.0	0.83	mg/Kg	1	☼	6010D	Total/NA
Lead	12		1.2	0.33	mg/Kg	1	☼	6010D	Total/NA
Selenium	0.93	J	2.4	0.56	mg/Kg	1	☼	6010D	Total/NA
Zinc	90		5.9	4.3	mg/Kg	1	☼	6010D	Total/NA
Cyanide, Total	230		19	15	mg/Kg	25	☼	9012B	Total/NA
Cyanide, Free	0.0062		0.0060	0.0050	mg/L	1		OIA-1677	ASTM Leach

Client Sample ID: T2-1250-S-0.0

Lab Sample ID: 240-213444-11

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Anthracene	110		79	24	ug/Kg	1	☼	8270E	Total/NA
Benzo[a]anthracene	690		79	30	ug/Kg	1	☼	8270E	Total/NA
Benzo[a]pyrene	920		79	28	ug/Kg	1	☼	8270E	Total/NA
Benzo[b]fluoranthene	1600	F1	79	24	ug/Kg	1	☼	8270E	Total/NA
Benzo[g,h,i]perylene	760		79	53	ug/Kg	1	☼	8270E	Total/NA

This Detection Summary does not include radiochemical test results.

Client Sample ID: T2-1250-S-0.0 (Continued)

Lab Sample ID: 240-213444-11

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Benzo[k]fluoranthene	470		79	20	ug/Kg	1	☼	8270E	Total/NA
Chrysene	1200	F1	79	28	ug/Kg	1	☼	8270E	Total/NA
Dibenz(a,h)anthracene	150		79	30	ug/Kg	1	☼	8270E	Total/NA
Fluoranthene	2100	F1	79	28	ug/Kg	1	☼	8270E	Total/NA
Indeno[1,2,3-cd]pyrene	630		79	24	ug/Kg	1	☼	8270E	Total/NA
Naphthalene	27	J	79	26	ug/Kg	1	☼	8270E	Total/NA
Phenanthrene	610		79	26	ug/Kg	1	☼	8270E	Total/NA
Pyrene	1600	F1	79	31	ug/Kg	1	☼	8270E	Total/NA
Arsenic	11		2.9	0.62	mg/Kg	1	☼	6010D	Total/NA
Barium	68		39	0.25	mg/Kg	1	☼	6010D	Total/NA
Cadmium	0.41	J	0.98	0.094	mg/Kg	1	☼	6010D	Total/NA
Chromium	22		2.0	0.67	mg/Kg	1	☼	6010D	Total/NA
Copper	5.5	F1	4.9	1.4	mg/Kg	1	☼	6010D	Total/NA
Lead	22		2.0	0.55	mg/Kg	1	☼	6010D	Total/NA
Selenium	1.4	J	3.9	0.92	mg/Kg	1	☼	6010D	Total/NA
Zinc	4300		9.8	7.1	mg/Kg	1	☼	6010D	Total/NA
Cr (VI)	2.8	J F1	4.1	1.4	mg/Kg	5	☼	7196A	Total/NA
Cyanide, Free	0.027		0.0060	0.0050	mg/L	1		OIA-1677	ASTM Leach

Client Sample ID: TB-1-20241021

Lab Sample ID: 240-213444-12

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Bromomethane	0.71	J	1.0	0.42	ug/L	1		8260D	Total/NA

Client Sample ID: TB-2-20241021

Lab Sample ID: 240-213444-13

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Bromomethane	0.63	J	1.0	0.42	ug/L	1		8260D	Total/NA

This Detection Summary does not include radiochemical test results.

Client Sample ID: T2-1000-C-2.0
Lab Sample ID: 240-213444-1
Date Collected: 10/21/24 10:25
Matrix: Solid
Date Received: 10/21/24 16:22
Percent Solids: 78.4

Method: SW846 8270E - Semivolatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acenaphthene	ND		50	17	ug/Kg	☼	10/24/24 09:40	10/25/24 21:39	1
Acenaphthylene	ND		50	19	ug/Kg	☼	10/24/24 09:40	10/25/24 21:39	1
Anthracene	ND		50	15	ug/Kg	☼	10/24/24 09:40	10/25/24 21:39	1
Benzo[a]anthracene	**24**	**J**	50	19	ug/Kg	☼	10/24/24 09:40	10/25/24 21:39	1
Benzo[a]pyrene	**32**	**J**	50	17	ug/Kg	☼	10/24/24 09:40	10/25/24 21:39	1
Benzo[b]fluoranthene	**60**		50	15	ug/Kg	☼	10/24/24 09:40	10/25/24 21:39	1
Benzo[g,h,i]perylene	ND		50	34	ug/Kg	☼	10/24/24 09:40	10/25/24 21:39	1
Benzo[k]fluoranthene	**16**	**J**	50	12	ug/Kg	☼	10/24/24 09:40	10/25/24 21:39	1
Chrysene	**35**	**J**	50	17	ug/Kg	☼	10/24/24 09:40	10/25/24 21:39	1
Dibenz(a,h)anthracene	ND		50	19	ug/Kg	☼	10/24/24 09:40	10/25/24 21:39	1
Fluoranthene	**76**		50	17	ug/Kg	☼	10/24/24 09:40	10/25/24 21:39	1
Fluorene	ND		50	17	ug/Kg	☼	10/24/24 09:40	10/25/24 21:39	1
Indeno[1,2,3-cd]pyrene	**20**	**J**	50	15	ug/Kg	☼	10/24/24 09:40	10/25/24 21:39	1
Naphthalene	ND		50	16	ug/Kg	☼	10/24/24 09:40	10/25/24 21:39	1
Phenanthrene	**28**	**J**	50	16	ug/Kg	☼	10/24/24 09:40	10/25/24 21:39	1
Pyrene	**60**		50	20	ug/Kg	☼	10/24/24 09:40	10/25/24 21:39	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2,4,6-Tribromophenol (Surr)	*71*		*10 - 120*	*10/24/24 09:40*	*10/25/24 21:39*	*1*
2-Fluorobiphenyl (Surr)	*81*		*36 - 120*	*10/24/24 09:40*	*10/25/24 21:39*	*1*
2-Fluorophenol (Surr)	*80*		*26 - 120*	*10/24/24 09:40*	*10/25/24 21:39*	*1*
Nitrobenzene-d5 (Surr)	*78*		*28 - 120*	*10/24/24 09:40*	*10/25/24 21:39*	*1*
Phenol-d5 (Surr)	*84*		*29 - 120*	*10/24/24 09:40*	*10/25/24 21:39*	*1*
Terphenyl-d14 (Surr)	*68*		*37 - 120*	*10/24/24 09:40*	*10/25/24 21:39*	*1*

Method: SW846 6010D - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	**13**		1.4	0.29	mg/Kg	☼	10/22/24 15:00	10/23/24 10:45	1
Barium	**93**		18	0.12	mg/Kg	☼	10/22/24 15:00	10/23/24 10:45	1
Cadmium	**0.12**	**J**	0.46	0.044	mg/Kg	☼	10/22/24 15:00	10/23/24 10:45	1
Chromium	**23**		0.92	0.32	mg/Kg	☼	10/22/24 15:00	10/23/24 10:45	1
Copper	**17**		2.3	0.65	mg/Kg	☼	10/22/24 15:00	10/23/24 10:45	1
Lead	**12**		0.92	0.26	mg/Kg	☼	10/22/24 15:00	10/23/24 10:45	1
Selenium	**0.64**	**J**	1.8	0.43	mg/Kg	☼	10/22/24 15:00	10/23/24 10:45	1
Silver	ND		0.92	0.075	mg/Kg	☼	10/22/24 15:00	10/23/24 10:45	1
Zinc	**68**		4.6	3.3	mg/Kg	☼	10/22/24 15:00	10/23/24 10:45	1

Method: SW846 7471B - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	ND		0.11	0.020	mg/Kg	☼	10/22/24 15:00	10/23/24 10:05	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cr (VI) (SW846 7196A)	ND		0.53	0.18	mg/Kg	☼	11/01/24 12:50	11/03/24 01:12	1
Cyanide, Total (SW846 9012B)	**29**		3.3	2.6	mg/Kg	☼	10/29/24 14:51	10/29/24 18:49	5

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Solids (EPA Moisture)	**78.4**		0.1	0.1	%			10/22/24 14:59	1
Percent Moisture (EPA Moisture)	**21.6**		0.1	0.1	%			10/22/24 14:59	1

Client Sample Results

Client: August Mack Environmental, Inc.
Job ID: 240-213444-1
Project/Site: MSC Canfield - N Ditch Sampling

Client Sample ID: T2-1000-C-2.0
Lab Sample ID: 240-213444-1
Date Collected: 10/21/24 10:25
Matrix: Solid
Date Received: 10/21/24 16:22
Percent Solids: 78.4

General Chemistry - ASTM Leach

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cyanide, Free (OI CORP OIA-1677)	ND		0.0060	0.0050	mg/L			11/01/24 13:23	1

Client: August Mack Environmental, Inc.
Project/Site: MSC Canfield - N Ditch Sampling

Job ID: 240-213444-1

Client Sample ID: T2-1000-C-0.0

Date Collected: 10/21/24 10:10
Date Received: 10/21/24 16:22

Lab Sample ID: 240-213444-2

Matrix: Solid
Percent Solids: 83.0

Method: SW846 8270E - Semivolatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acenaphthene	ND		98	34	ug/Kg	☼	10/24/24 09:40	10/25/24 18:05	2
Acenaphthylene	ND		98	37	ug/Kg	☼	10/24/24 09:40	10/25/24 18:05	2
Anthracene	**220**		98	29	ug/Kg	☼	10/24/24 09:40	10/25/24 18:05	2
Benzo[a]anthracene	**1400**		98	37	ug/Kg	☼	10/24/24 09:40	10/25/24 18:05	2
Benzo[a]pyrene	**1700**		98	34	ug/Kg	☼	10/24/24 09:40	10/25/24 18:05	2
Benzo[b]fluoranthene	**2400**		98	29	ug/Kg	☼	10/24/24 09:40	10/25/24 18:05	2
Benzo[g,h,i]perylene	**1400**		98	66	ug/Kg	☼	10/24/24 09:40	10/25/24 18:05	2
Benzo[k]fluoranthene	**1100**		98	25	ug/Kg	☼	10/24/24 09:40	10/25/24 18:05	2
Chrysene	**1900**		98	34	ug/Kg	☼	10/24/24 09:40	10/25/24 18:05	2
Dibenz(a,h)anthracene	**280**		98	37	ug/Kg	☼	10/24/24 09:40	10/25/24 18:05	2
Fluoranthene	**3600**		98	34	ug/Kg	☼	10/24/24 09:40	10/25/24 18:05	2
Fluorene	**41**	**J**	98	34	ug/Kg	☼	10/24/24 09:40	10/25/24 18:05	2
Indeno[1,2,3-cd]pyrene	**1100**		98	29	ug/Kg	☼	10/24/24 09:40	10/25/24 18:05	2
Naphthalene	ND		98	32	ug/Kg	☼	10/24/24 09:40	10/25/24 18:05	2
Phenanthrene	**910**		98	32	ug/Kg	☼	10/24/24 09:40	10/25/24 18:05	2
Pyrene	**2700**		98	39	ug/Kg	☼	10/24/24 09:40	10/25/24 18:05	2

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2,4,6-Tribromophenol (Surr)	*73*		*10 - 120*	*10/24/24 09:40*	*10/25/24 18:05*	*2*
2-Fluorobiphenyl (Surr)	*80*		*36 - 120*	*10/24/24 09:40*	*10/25/24 18:05*	*2*
2-Fluorophenol (Surr)	*85*		*26 - 120*	*10/24/24 09:40*	*10/25/24 18:05*	*2*
Nitrobenzene-d5 (Surr)	*78*		*28 - 120*	*10/24/24 09:40*	*10/25/24 18:05*	*2*
Phenol-d5 (Surr)	*88*		*29 - 120*	*10/24/24 09:40*	*10/25/24 18:05*	*2*
Terphenyl-d14 (Surr)	*73*		*37 - 120*	*10/24/24 09:40*	*10/25/24 18:05*	*2*

Method: SW846 6010D - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	**27**		1.5	0.32	mg/Kg	☼	10/22/24 15:00	10/23/24 10:49	1
Barium	**69**		20	0.13	mg/Kg	☼	10/22/24 15:00	10/23/24 10:49	1
Cadmium	**0.20**	**J**	0.51	0.049	mg/Kg	☼	10/22/24 15:00	10/23/24 10:49	1
Chromium	**12**		1.0	0.35	mg/Kg	☼	10/22/24 15:00	10/23/24 10:49	1
Copper	**6.1**		2.5	0.71	mg/Kg	☼	10/22/24 15:00	10/23/24 10:49	1
Lead	**21**		1.0	0.29	mg/Kg	☼	10/22/24 15:00	10/23/24 10:49	1
Selenium	**1.1**	**J**	2.0	0.48	mg/Kg	☼	10/22/24 15:00	10/23/24 10:49	1
Silver	ND		1.0	0.082	mg/Kg	☼	10/22/24 15:00	10/23/24 10:49	1
Zinc	**730**		5.1	3.7	mg/Kg	☼	10/22/24 15:00	10/23/24 10:49	1

Method: SW846 7471B - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	ND		0.11	0.019	mg/Kg	☼	10/22/24 15:00	10/23/24 10:06	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cr (VI) (SW846 7196A)	ND		0.50	0.17	mg/Kg	☼	11/01/24 12:50	11/03/24 01:12	1
Cyanide, Total (SW846 9012B)	**250**		31	25	mg/Kg	☼	10/29/24 14:51	10/29/24 17:51	50

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Solids (EPA Moisture)	**83.0**		0.1	0.1	%			10/22/24 14:59	1
Percent Moisture (EPA Moisture)	**17.0**		0.1	0.1	%			10/22/24 14:59	1

Client: August Mack Environmental, Inc.
Job ID: 240-213444-1
Project/Site: MSC Canfield - N Ditch Sampling

Client Sample ID: T2-1000-C-0.0
Lab Sample ID: 240-213444-2
Date Collected: 10/21/24 10:10
Matrix: Solid
Date Received: 10/21/24 16:22
Percent Solids: 83.0

General Chemistry - ASTM Leach

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cyanide, Free (OI CORP OIA-1677)	0.017		0.0060	0.0050	mg/L			11/01/24 12:58	1

Client: August Mack Environmental, Inc.
Project/Site: MSC Canfield - N Ditch Sampling

Job ID: 240-213444-1

Client Sample ID: T2-1000-S-0.0

Date Collected: 10/21/24 10:50
Date Received: 10/21/24 16:22

Lab Sample ID: 240-213444-3

Matrix: Solid
Percent Solids: 79.5

Method: SW846 8270E - Semivolatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acenaphthene	33	J	51	18	ug/Kg	☼	10/24/24 09:40	10/25/24 20:04	1
Acenaphthylene	37	J	51	19	ug/Kg	☼	10/24/24 09:40	10/25/24 20:04	1
Anthracene	140		51	15	ug/Kg	☼	10/24/24 09:40	10/25/24 20:04	1
Benzo[a]anthracene	900		51	19	ug/Kg	☼	10/24/24 09:40	10/25/24 20:04	1
Benzo[a]pyrene	1200		51	18	ug/Kg	☼	10/24/24 09:40	10/25/24 20:04	1
Benzo[b]fluoranthene	1900		51	15	ug/Kg	☼	10/24/24 09:40	10/25/24 20:04	1
Benzo[g,h,i]perylene	990		51	35	ug/Kg	☼	10/24/24 09:40	10/25/24 20:04	1
Benzo[k]fluoranthene	790		51	13	ug/Kg	☼	10/24/24 09:40	10/25/24 20:04	1
Chrysene	1400		51	18	ug/Kg	☼	10/24/24 09:40	10/25/24 20:04	1
Dibenz(a,h)anthracene	190		51	19	ug/Kg	☼	10/24/24 09:40	10/25/24 20:04	1
Fluoranthene	2400		51	18	ug/Kg	☼	10/24/24 09:40	10/25/24 20:04	1
Fluorene	35	J	51	18	ug/Kg	☼	10/24/24 09:40	10/25/24 20:04	1
Indeno[1,2,3-cd]pyrene	780		51	15	ug/Kg	☼	10/24/24 09:40	10/25/24 20:04	1
Naphthalene	26	J	51	17	ug/Kg	☼	10/24/24 09:40	10/25/24 20:04	1
Phenanthrene	780		51	17	ug/Kg	☼	10/24/24 09:40	10/25/24 20:04	1
Pyrene	1800		51	20	ug/Kg	☼	10/24/24 09:40	10/25/24 20:04	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2,4,6-Tribromophenol (Surr)	*79*		*10 - 120*	*10/24/24 09:40*	*10/25/24 20:04*	*1*
2-Fluorobiphenyl (Surr)	*79*		*36 - 120*	*10/24/24 09:40*	*10/25/24 20:04*	*1*
2-Fluorophenol (Surr)	*82*		*26 - 120*	*10/24/24 09:40*	*10/25/24 20:04*	*1*
Nitrobenzene-d5 (Surr)	*79*		*28 - 120*	*10/24/24 09:40*	*10/25/24 20:04*	*1*
Phenol-d5 (Surr)	*88*		*29 - 120*	*10/24/24 09:40*	*10/25/24 20:04*	*1*
Terphenyl-d14 (Surr)	*77*		*37 - 120*	*10/24/24 09:40*	*10/25/24 20:04*	*1*

Method: SW846 6010D - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	8.9		1.6	0.35	mg/Kg	☼	10/22/24 15:00	10/23/24 10:54	1
Barium	56		22	0.14	mg/Kg	☼	10/22/24 15:00	10/23/24 10:54	1
Cadmium	0.29	J	0.55	0.052	mg/Kg	☼	10/22/24 15:00	10/23/24 10:54	1
Chromium	19		1.1	0.38	mg/Kg	☼	10/22/24 15:00	10/23/24 10:54	1
Copper	13		2.7	0.77	mg/Kg	☼	10/22/24 15:00	10/23/24 10:54	1
Lead	20		1.1	0.31	mg/Kg	☼	10/22/24 15:00	10/23/24 10:54	1
Selenium	0.86	J	2.2	0.51	mg/Kg	☼	10/22/24 15:00	10/23/24 10:54	1
Silver	ND		1.1	0.089	mg/Kg	☼	10/22/24 15:00	10/23/24 10:54	1
Zinc	500		5.5	4.0	mg/Kg	☼	10/22/24 15:00	10/23/24 10:54	1

Method: SW846 7471B - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.034	J	0.12	0.022	mg/Kg	☼	10/22/24 15:00	10/23/24 10:11	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cr (VI) (SW846 7196A)	ND		0.53	0.18	mg/Kg	☼	11/01/24 12:50	11/03/24 01:12	1
Cyanide, Total (SW846 9012B)	80		13	10	mg/Kg	☼	10/29/24 14:51	10/29/24 19:15	25

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Solids (EPA Moisture)	79.5		0.1	0.1	%			10/22/24 14:59	1
Percent Moisture (EPA Moisture)	20.5		0.1	0.1	%			10/22/24 14:59	1

Client: August Mack Environmental, Inc.
Job ID: 240-213444-1
Project/Site: MSC Canfield - N Ditch Sampling

Client Sample ID: T2-1000-S-0.0
Lab Sample ID: 240-213444-3
Date Collected: 10/21/24 10:50
Matrix: Solid
Date Received: 10/21/24 16:22
Percent Solids: 79.5

General Chemistry - ASTM Leach

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cyanide, Free (OI CORP OIA-1677)	0.023		0.0060	0.0050	mg/L			11/01/24 13:31	1

Client: August Mack Environmental, Inc.
Project/Site: MSC Canfield - N Ditch Sampling

Job ID: 240-213444-1

Client Sample ID: DUP-1-20241021

Date Collected: 10/21/24 00:00
Date Received: 10/21/24 16:22

Lab Sample ID: 240-213444-4

Matrix: Solid
Percent Solids: 78.1

Method: SW846 8270E - Semivolatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acenaphthene	47	J	53	19	ug/Kg	☼	10/24/24 09:40	10/25/24 20:28	1
Acenaphthylene	42	J	53	20	ug/Kg	☼	10/24/24 09:40	10/25/24 20:28	1
Anthracene	170		53	16	ug/Kg	☼	10/24/24 09:40	10/25/24 20:28	1
Benzo[a]anthracene	980		53	20	ug/Kg	☼	10/24/24 09:40	10/25/24 20:28	1
Benzo[a]pyrene	1300		53	19	ug/Kg	☼	10/24/24 09:40	10/25/24 20:28	1
Benzo[b]fluoranthene	2100		53	16	ug/Kg	☼	10/24/24 09:40	10/25/24 20:28	1
Benzo[g,h,i]perylene	1000		53	36	ug/Kg	☼	10/24/24 09:40	10/25/24 20:28	1
Benzo[k]fluoranthene	800		53	13	ug/Kg	☼	10/24/24 09:40	10/25/24 20:28	1
Chrysene	1400		53	19	ug/Kg	☼	10/24/24 09:40	10/25/24 20:28	1
Dibenz(a,h)anthracene	190		53	20	ug/Kg	☼	10/24/24 09:40	10/25/24 20:28	1
Fluoranthene	2500		53	19	ug/Kg	☼	10/24/24 09:40	10/25/24 20:28	1
Fluorene	47	J	53	19	ug/Kg	☼	10/24/24 09:40	10/25/24 20:28	1
Indeno[1,2,3-cd]pyrene	790		53	16	ug/Kg	☼	10/24/24 09:40	10/25/24 20:28	1
Naphthalene	34	J	53	17	ug/Kg	☼	10/24/24 09:40	10/25/24 20:28	1
Phenanthrene	940		53	17	ug/Kg	☼	10/24/24 09:40	10/25/24 20:28	1
Pyrene	1900		53	21	ug/Kg	☼	10/24/24 09:40	10/25/24 20:28	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2,4,6-Tribromophenol (Surr)	*78*		*10 - 120*	*10/24/24 09:40*	*10/25/24 20:28*	*1*
2-Fluorobiphenyl (Surr)	*81*		*36 - 120*	*10/24/24 09:40*	*10/25/24 20:28*	*1*
2-Fluorophenol (Surr)	*75*		*26 - 120*	*10/24/24 09:40*	*10/25/24 20:28*	*1*
Nitrobenzene-d5 (Surr)	*75*		*28 - 120*	*10/24/24 09:40*	*10/25/24 20:28*	*1*
Phenol-d5 (Surr)	*83*		*29 - 120*	*10/24/24 09:40*	*10/25/24 20:28*	*1*
Terphenyl-d14 (Surr)	*71*		*37 - 120*	*10/24/24 09:40*	*10/25/24 20:28*	*1*

Method: SW846 6010D - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	10		1.9	0.40	mg/Kg	☼	10/22/24 15:00	10/23/24 10:58	1
Barium	62		25	0.16	mg/Kg	☼	10/22/24 15:00	10/23/24 10:58	1
Cadmium	0.32	J	0.63	0.061	mg/Kg	☼	10/22/24 15:00	10/23/24 10:58	1
Chromium	20		1.3	0.44	mg/Kg	☼	10/22/24 15:00	10/23/24 10:58	1
Copper	17		3.2	0.89	mg/Kg	☼	10/22/24 15:00	10/23/24 10:58	1
Lead	21		1.3	0.36	mg/Kg	☼	10/22/24 15:00	10/23/24 10:58	1
Selenium	0.61	J	2.5	0.59	mg/Kg	☼	10/22/24 15:00	10/23/24 10:58	1
Silver	ND		1.3	0.10	mg/Kg	☼	10/22/24 15:00	10/23/24 10:58	1
Zinc	240		6.3	4.6	mg/Kg	☼	10/22/24 15:00	10/23/24 10:58	1

Method: SW846 7471B - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.040	J	0.12	0.022	mg/Kg	☼	10/22/24 15:00	10/23/24 10:13	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cr (VI) (SW846 7196A)	ND		0.53	0.18	mg/Kg	☼	11/01/24 12:50	11/03/24 01:12	1
Cyanide, Total (SW846 9012B)	89		17	14	mg/Kg	☼	10/29/24 14:51	10/29/24 19:20	25

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Solids (EPA Moisture)	78.1		0.1	0.1	%			10/22/24 14:59	1
Percent Moisture (EPA Moisture)	21.9		0.1	0.1	%			10/22/24 14:59	1

Client: August Mack Environmental, Inc.
Job ID: 240-213444-1
Project/Site: MSC Canfield - N Ditch Sampling

Client Sample ID: DUP-1-20241021
Lab Sample ID: 240-213444-4
Date Collected: 10/21/24 00:00
Matrix: Solid
Date Received: 10/21/24 16:22
Percent Solids: 78.1

General Chemistry - ASTM Leach

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cyanide, Free (OI CORP OIA-1677)	ND		0.0060	0.0050	mg/L			11/01/24 13:41	1

Client Sample ID: T2-1000-S-2.0
Lab Sample ID: 240-213444-5
Date Collected: 10/21/24 11:10
Matrix: Solid
Date Received: 10/21/24 16:22
Percent Solids: 64.2

Method: SW846 8270E - Semivolatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acenaphthene	ND		64	22	ug/Kg	☼	10/24/24 09:40	10/25/24 22:02	1
Acenaphthylene	ND		64	24	ug/Kg	☼	10/24/24 09:40	10/25/24 22:02	1
Anthracene	ND		64	19	ug/Kg	☼	10/24/24 09:40	10/25/24 22:02	1
Benzo[a]anthracene	**92**		64	24	ug/Kg	☼	10/24/24 09:40	10/25/24 22:02	1
Benzo[a]pyrene	**120**		64	22	ug/Kg	☼	10/24/24 09:40	10/25/24 22:02	1
Benzo[b]fluoranthene	**180**		64	19	ug/Kg	☼	10/24/24 09:40	10/25/24 22:02	1
Benzo[g,h,i]perylene	**49**	**J**	64	43	ug/Kg	☼	10/24/24 09:40	10/25/24 22:02	1
Benzo[k]fluoranthene	**76**		64	16	ug/Kg	☼	10/24/24 09:40	10/25/24 22:02	1
Chrysene	**130**		64	22	ug/Kg	☼	10/24/24 09:40	10/25/24 22:02	1
Dibenz(a,h)anthracene	**27**	**J**	64	24	ug/Kg	☼	10/24/24 09:40	10/25/24 22:02	1
Fluoranthene	**290**		64	22	ug/Kg	☼	10/24/24 09:40	10/25/24 22:02	1
Fluorene	ND		64	22	ug/Kg	☼	10/24/24 09:40	10/25/24 22:02	1
Indeno[1,2,3-cd]pyrene	**70**		64	19	ug/Kg	☼	10/24/24 09:40	10/25/24 22:02	1
Naphthalene	ND		64	21	ug/Kg	☼	10/24/24 09:40	10/25/24 22:02	1
Phenanthrene	**94**		64	21	ug/Kg	☼	10/24/24 09:40	10/25/24 22:02	1
Pyrene	**200**		64	26	ug/Kg	☼	10/24/24 09:40	10/25/24 22:02	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2,4,6-Tribromophenol (Surr)	*54*		*10 - 120*	*10/24/24 09:40*	*10/25/24 22:02*	*1*
2-Fluorobiphenyl (Surr)	*65*		*36 - 120*	*10/24/24 09:40*	*10/25/24 22:02*	*1*
2-Fluorophenol (Surr)	*68*		*26 - 120*	*10/24/24 09:40*	*10/25/24 22:02*	*1*
Nitrobenzene-d5 (Surr)	*55*		*28 - 120*	*10/24/24 09:40*	*10/25/24 22:02*	*1*
Phenol-d5 (Surr)	*71*		*29 - 120*	*10/24/24 09:40*	*10/25/24 22:02*	*1*
Terphenyl-d14 (Surr)	*60*		*37 - 120*	*10/24/24 09:40*	*10/25/24 22:02*	*1*

Method: SW846 6010D - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	**11**		2.0	0.42	mg/Kg	☼	10/22/24 15:00	10/23/24 11:02	1
Barium	**80**		26	0.17	mg/Kg	☼	10/22/24 15:00	10/23/24 11:02	1
Cadmium	**0.21**	**J**	0.66	0.063	mg/Kg	☼	10/22/24 15:00	10/23/24 11:02	1
Chromium	**20**		1.3	0.45	mg/Kg	☼	10/22/24 15:00	10/23/24 11:02	1
Copper	**20**		3.3	0.92	mg/Kg	☼	10/22/24 15:00	10/23/24 11:02	1
Lead	**15**		1.3	0.37	mg/Kg	☼	10/22/24 15:00	10/23/24 11:02	1
Selenium	**0.96**	**J**	2.6	0.62	mg/Kg	☼	10/22/24 15:00	10/23/24 11:02	1
Silver	ND		1.3	0.11	mg/Kg	☼	10/22/24 15:00	10/23/24 11:02	1
Zinc	**86**		6.6	4.8	mg/Kg	☼	10/22/24 15:00	10/23/24 11:02	1

Method: SW846 7471B - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	ND		0.18	0.032	mg/Kg	☼	10/22/24 15:00	10/23/24 10:15	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cr (VI) (SW846 7196A)	ND		0.65	0.22	mg/Kg	☼	11/01/24 12:50	11/03/24 01:12	1
Cyanide, Total (SW846 9012B)	**93**		4.4	3.5	mg/Kg	☼	10/29/24 14:51	10/29/24 19:02	5

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Solids (EPA Moisture)	**64.2**		0.1	0.1	%			10/22/24 14:59	1
Percent Moisture (EPA Moisture)	**35.8**		0.1	0.1	%			10/22/24 14:59	1

Client: August Mack Environmental, Inc.
Job ID: 240-213444-1
Project/Site: MSC Canfield - N Ditch Sampling

Client Sample ID: T2-1000-S-2.0
Lab Sample ID: 240-213444-5
Date Collected: 10/21/24 11:10
Matrix: Solid
Date Received: 10/21/24 16:22
Percent Solids: 64.2

General Chemistry - ASTM Leach

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cyanide, Free (OI CORP OIA-1677)	0.0051	J	0.0060	0.0050	mg/L			11/01/24 13:01	1

Client: August Mack Environmental, Inc.
Project/Site: MSC Canfield - N Ditch Sampling

Job ID: 240-213444-1

Client Sample ID: T2-1000-N-0.0
Date Collected: 10/21/24 11:25
Date Received: 10/21/24 16:22

Lab Sample ID: 240-213444-6
Matrix: Solid
Percent Solids: 73.9

Method: SW846 8270E - Semivolatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acenaphthene	ND		53	18	ug/Kg	☼	10/24/24 09:40	10/25/24 22:26	1
Acenaphthylene	ND		53	20	ug/Kg	☼	10/24/24 09:40	10/25/24 22:26	1
Anthracene	ND		53	16	ug/Kg	☼	10/24/24 09:40	10/25/24 22:26	1
Benzo[a]anthracene	**33**	**J**	53	20	ug/Kg	☼	10/24/24 09:40	10/25/24 22:26	1
Benzo[a]pyrene	**45**	**J**	53	18	ug/Kg	☼	10/24/24 09:40	10/25/24 22:26	1
Benzo[b]fluoranthene	**81**		53	16	ug/Kg	☼	10/24/24 09:40	10/25/24 22:26	1
Benzo[g,h,i]perylene	ND		53	36	ug/Kg	☼	10/24/24 09:40	10/25/24 22:26	1
Benzo[k]fluoranthene	**27**	**J**	53	13	ug/Kg	☼	10/24/24 09:40	10/25/24 22:26	1
Chrysene	**54**		53	18	ug/Kg	☼	10/24/24 09:40	10/25/24 22:26	1
Dibenz(a,h)anthracene	ND		53	20	ug/Kg	☼	10/24/24 09:40	10/25/24 22:26	1
Fluoranthene	**110**		53	18	ug/Kg	☼	10/24/24 09:40	10/25/24 22:26	1
Fluorene	ND		53	18	ug/Kg	☼	10/24/24 09:40	10/25/24 22:26	1
Indeno[1,2,3-cd]pyrene	**28**	**J**	53	16	ug/Kg	☼	10/24/24 09:40	10/25/24 22:26	1
Naphthalene	ND		53	17	ug/Kg	☼	10/24/24 09:40	10/25/24 22:26	1
Phenanthrene	**31**	**J**	53	17	ug/Kg	☼	10/24/24 09:40	10/25/24 22:26	1
Pyrene	**75**		53	21	ug/Kg	☼	10/24/24 09:40	10/25/24 22:26	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2,4,6-Tribromophenol (Surr)	*43*		*10 - 120*	*10/24/24 09:40*	*10/25/24 22:26*	*1*
2-Fluorobiphenyl (Surr)	*73*		*36 - 120*	*10/24/24 09:40*	*10/25/24 22:26*	*1*
2-Fluorophenol (Surr)	*75*		*26 - 120*	*10/24/24 09:40*	*10/25/24 22:26*	*1*
Nitrobenzene-d5 (Surr)	*70*		*28 - 120*	*10/24/24 09:40*	*10/25/24 22:26*	*1*
Phenol-d5 (Surr)	*77*		*29 - 120*	*10/24/24 09:40*	*10/25/24 22:26*	*1*
Terphenyl-d14 (Surr)	*68*		*37 - 120*	*10/24/24 09:40*	*10/25/24 22:26*	*1*

Method: SW846 6010D - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	**13**		1.8	0.38	mg/Kg	☼	10/22/24 15:00	10/23/24 11:07	1
Barium	**67**		24	0.15	mg/Kg	☼	10/22/24 15:00	10/23/24 11:07	1
Cadmium	**0.12**	**J**	0.59	0.057	mg/Kg	☼	10/22/24 15:00	10/23/24 11:07	1
Chromium	**18**		1.2	0.41	mg/Kg	☼	10/22/24 15:00	10/23/24 11:07	1
Copper	**18**		3.0	0.83	mg/Kg	☼	10/22/24 15:00	10/23/24 11:07	1
Lead	**12**		1.2	0.33	mg/Kg	☼	10/22/24 15:00	10/23/24 11:07	1
Selenium	**0.58**	**J**	2.4	0.56	mg/Kg	☼	10/22/24 15:00	10/23/24 11:07	1
Silver	ND		1.2	0.096	mg/Kg	☼	10/22/24 15:00	10/23/24 11:07	1
Zinc	**71**		5.9	4.3	mg/Kg	☼	10/22/24 15:00	10/23/24 11:07	1

Method: SW846 7471B - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	**0.024**	**J**	0.12	0.021	mg/Kg	☼	10/22/24 15:00	10/23/24 10:16	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cr (VI) (SW846 7196A)	ND		0.56	0.19	mg/Kg	☼	11/01/24 12:50	11/03/24 01:12	1
Cyanide, Total (SW846 9012B)	**9.2**		0.70	0.56	mg/Kg	☼	10/29/24 14:51	10/29/24 18:01	1

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Solids (EPA Moisture)	**73.9**		0.1	0.1	%			10/22/24 14:59	1
Percent Moisture (EPA Moisture)	**26.1**		0.1	0.1	%			10/22/24 14:59	1

Client: August Mack Environmental, Inc.
Job ID: 240-213444-1
Project/Site: MSC Canfield - N Ditch Sampling

Client Sample ID: T2-1000-N-0.0
Lab Sample ID: 240-213444-6
Date Collected: 10/21/24 11:25
Matrix: Solid
Date Received: 10/21/24 16:22
Percent Solids: 73.9

General Chemistry - ASTM Leach

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cyanide, Free (OI CORP OIA-1677)	0.0094		0.0060	0.0050	mg/L			11/04/24 15:34	1

Client Sample ID: T2-1125-S-0.0
Lab Sample ID: 240-213444-7
Date Collected: 10/21/24 12:15
Matrix: Solid
Date Received: 10/21/24 16:22
Percent Solids: 58.2

Method: SW846 8270E - Semivolatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acenaphthene	ND		70	24	ug/Kg	☼	10/24/24 09:40	10/25/24 17:42	1
Acenaphthylene	ND		70	26	ug/Kg	☼	10/24/24 09:40	10/25/24 17:42	1
Anthracene	**88**		70	21	ug/Kg	☼	10/24/24 09:40	10/25/24 17:42	1
Benzo[a]anthracene	**590**		70	26	ug/Kg	☼	10/24/24 09:40	10/25/24 17:42	1
Benzo[a]pyrene	**800**		70	24	ug/Kg	☼	10/24/24 09:40	10/25/24 17:42	1
Benzo[b]fluoranthene	**1500**		70	21	ug/Kg	☼	10/24/24 09:40	10/25/24 17:42	1
Benzo[g,h,i]perylene	**780**		70	47	ug/Kg	☼	10/24/24 09:40	10/25/24 17:42	1
Benzo[k]fluoranthene	**420**		70	17	ug/Kg	☼	10/24/24 09:40	10/25/24 17:42	1
Chrysene	**980**		70	24	ug/Kg	☼	10/24/24 09:40	10/25/24 17:42	1
Dibenz(a,h)anthracene	**140**		70	26	ug/Kg	☼	10/24/24 09:40	10/25/24 17:42	1
Fluoranthene	**1800**		70	24	ug/Kg	☼	10/24/24 09:40	10/25/24 17:42	1
Fluorene	ND		70	24	ug/Kg	☼	10/24/24 09:40	10/25/24 17:42	1
Indeno[1,2,3-cd]pyrene	**600**		70	21	ug/Kg	☼	10/24/24 09:40	10/25/24 17:42	1
Naphthalene	**30**	**J**	70	23	ug/Kg	☼	10/24/24 09:40	10/25/24 17:42	1
Phenanthrene	**540**		70	23	ug/Kg	☼	10/24/24 09:40	10/25/24 17:42	1
Pyrene	**1300**		70	28	ug/Kg	☼	10/24/24 09:40	10/25/24 17:42	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2,4,6-Tribromophenol (Surr)	*62*		*10 - 120*	*10/24/24 09:40*	*10/25/24 17:42*	*1*
2-Fluorobiphenyl (Surr)	*69*		*36 - 120*	*10/24/24 09:40*	*10/25/24 17:42*	*1*
2-Fluorophenol (Surr)	*70*		*26 - 120*	*10/24/24 09:40*	*10/25/24 17:42*	*1*
Nitrobenzene-d5 (Surr)	*68*		*28 - 120*	*10/24/24 09:40*	*10/25/24 17:42*	*1*
Phenol-d5 (Surr)	*75*		*29 - 120*	*10/24/24 09:40*	*10/25/24 17:42*	*1*
Terphenyl-d14 (Surr)	*60*		*37 - 120*	*10/24/24 09:40*	*10/25/24 17:42*	*1*

Method: SW846 6010D - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	**13**		2.2	0.47	mg/Kg	☼	10/22/24 15:00	10/23/24 11:11	1
Barium	**75**		30	0.19	mg/Kg	☼	10/22/24 15:00	10/23/24 11:11	1
Cadmium	**0.34**	**J**	0.74	0.071	mg/Kg	☼	10/22/24 15:00	10/23/24 11:11	1
Chromium	**22**		1.5	0.51	mg/Kg	☼	10/22/24 15:00	10/23/24 11:11	1
Copper	**11**		3.7	1.0	mg/Kg	☼	10/22/24 15:00	10/23/24 11:11	1
Lead	**22**		1.5	0.42	mg/Kg	☼	10/22/24 15:00	10/23/24 11:11	1
Selenium	**1.0**	**J**	3.0	0.69	mg/Kg	☼	10/22/24 15:00	10/23/24 11:11	1
Silver	ND		1.5	0.12	mg/Kg	☼	10/22/24 15:00	10/23/24 11:11	1
Zinc	**1900**		7.4	5.4	mg/Kg	☼	10/22/24 15:00	10/23/24 11:11	1

Method: SW846 7471B - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	**0.034**	**J**	0.15	0.027	mg/Kg	☼	10/22/24 15:00	10/23/24 10:18	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cr (VI) (SW846 7196A)	ND		0.71	0.24	mg/Kg	☼	11/01/24 12:50	11/03/24 01:12	1
Cyanide, Total (SW846 9012B)	**49**		37	29	mg/Kg	☼	10/29/24 14:51	10/29/24 18:06	50

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Solids (EPA Moisture)	**58.2**		0.1	0.1	%			10/22/24 14:59	1
Percent Moisture (EPA Moisture)	**41.8**		0.1	0.1	%			10/22/24 14:59	1

Client: August Mack Environmental, Inc.
Job ID: 240-213444-1
Project/Site: MSC Canfield - N Ditch Sampling

Client Sample ID: T2-1125-S-0.0
Lab Sample ID: 240-213444-7
Date Collected: 10/21/24 12:15
Matrix: Solid
Date Received: 10/21/24 16:22
Percent Solids: 58.2

General Chemistry - ASTM Leach

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cyanide, Free (OI CORP OIA-1677)	0.047		0.0060	0.0050	mg/L			11/04/24 15:32	1

Client Sample ID: T2-1125-S-2.0
Lab Sample ID: 240-213444-8

Date Collected: 10/21/24 12:30
Matrix: Solid

Date Received: 10/21/24 16:22
Percent Solids: 79.0

Method: SW846 8270E - Semivolatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acenaphthene	ND		51	18	ug/Kg	☼	10/24/24 09:40	10/25/24 23:13	1
Acenaphthylene	ND		51	19	ug/Kg	☼	10/24/24 09:40	10/25/24 23:13	1
Anthracene	ND		51	15	ug/Kg	☼	10/24/24 09:40	10/25/24 23:13	1
Benzo[a]anthracene	**26**	**J**	51	19	ug/Kg	☼	10/24/24 09:40	10/25/24 23:13	1
Benzo[a]pyrene	**34**	**J**	51	18	ug/Kg	☼	10/24/24 09:40	10/25/24 23:13	1
Benzo[b]fluoranthene	**50**	**J**	51	15	ug/Kg	☼	10/24/24 09:40	10/25/24 23:13	1
Benzo[g,h,i]perylene	ND		51	34	ug/Kg	☼	10/24/24 09:40	10/25/24 23:13	1
Benzo[k]fluoranthene	**27**	**J**	51	13	ug/Kg	☼	10/24/24 09:40	10/25/24 23:13	1
Chrysene	**41**	**J**	51	18	ug/Kg	☼	10/24/24 09:40	10/25/24 23:13	1
Dibenz(a,h)anthracene	ND		51	19	ug/Kg	☼	10/24/24 09:40	10/25/24 23:13	1
Fluoranthene	**75**		51	18	ug/Kg	☼	10/24/24 09:40	10/25/24 23:13	1
Fluorene	ND		51	18	ug/Kg	☼	10/24/24 09:40	10/25/24 23:13	1
Indeno[1,2,3-cd]pyrene	**21**	**J**	51	15	ug/Kg	☼	10/24/24 09:40	10/25/24 23:13	1
Naphthalene	ND		51	16	ug/Kg	☼	10/24/24 09:40	10/25/24 23:13	1
Phenanthrene	**30**	**J**	51	16	ug/Kg	☼	10/24/24 09:40	10/25/24 23:13	1
Pyrene	**53**		51	20	ug/Kg	☼	10/24/24 09:40	10/25/24 23:13	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2,4,6-Tribromophenol (Surr)	*45*		*10 - 120*	*10/24/24 09:40*	*10/25/24 23:13*	*1*
2-Fluorobiphenyl (Surr)	*74*		*36 - 120*	*10/24/24 09:40*	*10/25/24 23:13*	*1*
2-Fluorophenol (Surr)	*75*		*26 - 120*	*10/24/24 09:40*	*10/25/24 23:13*	*1*
Nitrobenzene-d5 (Surr)	*72*		*28 - 120*	*10/24/24 09:40*	*10/25/24 23:13*	*1*
Phenol-d5 (Surr)	*77*		*29 - 120*	*10/24/24 09:40*	*10/25/24 23:13*	*1*
Terphenyl-d14 (Surr)	*69*		*37 - 120*	*10/24/24 09:40*	*10/25/24 23:13*	*1*

Method: SW846 6010D - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	**11**		1.6	0.33	mg/Kg	☼	10/22/24 15:00	10/23/24 11:16	1
Barium	**120**		21	0.13	mg/Kg	☼	10/22/24 15:00	10/23/24 11:16	1
Cadmium	**0.11**	**J**	0.52	0.050	mg/Kg	☼	10/22/24 15:00	10/23/24 11:16	1
Chromium	**21**		1.0	0.36	mg/Kg	☼	10/22/24 15:00	10/23/24 11:16	1
Copper	**20**		2.6	0.73	mg/Kg	☼	10/22/24 15:00	10/23/24 11:16	1
Lead	**11**		1.0	0.30	mg/Kg	☼	10/22/24 15:00	10/23/24 11:16	1
Selenium	**0.63**	**J**	2.1	0.49	mg/Kg	☼	10/22/24 15:00	10/23/24 11:16	1
Silver	ND		1.0	0.085	mg/Kg	☼	10/22/24 15:00	10/23/24 11:16	1
Zinc	**73**		5.2	3.8	mg/Kg	☼	10/22/24 15:00	10/23/24 11:16	1

Method: SW846 7471B - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	ND		0.11	0.020	mg/Kg	☼	10/22/24 15:00	10/23/24 10:20	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cr (VI) (SW846 7196A)	ND		0.52	0.17	mg/Kg	☼	11/01/24 12:50	11/03/24 01:12	1
Cyanide, Total (SW846 9012B)	**240**		17	14	mg/Kg	☼	10/29/24 14:51	10/29/24 19:28	25

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Solids (EPA Moisture)	**79.0**		0.1	0.1	%			10/22/24 14:59	1
Percent Moisture (EPA Moisture)	**21.0**		0.1	0.1	%			10/22/24 14:59	1

Client: August Mack Environmental, Inc.
Job ID: 240-213444-1
Project/Site: MSC Canfield - N Ditch Sampling

Client Sample ID: T2-1125-S-2.0
Lab Sample ID: 240-213444-8
Date Collected: 10/21/24 12:30
Matrix: Solid
Date Received: 10/21/24 16:22
Percent Solids: 79.0

General Chemistry - ASTM Leach

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cyanide, Free (OI CORP OIA-1677)	ND		0.0060	0.0050	mg/L			11/01/24 12:31	1

Client Sample ID: T2-1125-N-0.0
Lab Sample ID: 240-213444-9
Date Collected: 10/21/24 12:40
Matrix: Solid
Date Received: 10/21/24 16:22
Percent Solids: 55.6

Method: SW846 8270E - Semivolatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acenaphthene	ND		71	25	ug/Kg	☼	10/24/24 09:40	10/25/24 21:15	1
Acenaphthylene	ND		71	27	ug/Kg	☼	10/24/24 09:40	10/25/24 21:15	1
Anthracene	**110**		71	21	ug/Kg	☼	10/24/24 09:40	10/25/24 21:15	1
Benzo[a]anthracene	**650**		71	27	ug/Kg	☼	10/24/24 09:40	10/25/24 21:15	1
Benzo[a]pyrene	**910**		71	25	ug/Kg	☼	10/24/24 09:40	10/25/24 21:15	1
Benzo[b]fluoranthene	**1600**		71	21	ug/Kg	☼	10/24/24 09:40	10/25/24 21:15	1
Benzo[g,h,i]perylene	**620**		71	48	ug/Kg	☼	10/24/24 09:40	10/25/24 21:15	1
Benzo[k]fluoranthene	**490**		71	18	ug/Kg	☼	10/24/24 09:40	10/25/24 21:15	1
Chrysene	**1100**		71	25	ug/Kg	☼	10/24/24 09:40	10/25/24 21:15	1
Dibenz(a,h)anthracene	**130**		71	27	ug/Kg	☼	10/24/24 09:40	10/25/24 21:15	1
Fluoranthene	**2000**		71	25	ug/Kg	☼	10/24/24 09:40	10/25/24 21:15	1
Fluorene	**29**	**J**	71	25	ug/Kg	☼	10/24/24 09:40	10/25/24 21:15	1
Indeno[1,2,3-cd]pyrene	**520**		71	21	ug/Kg	☼	10/24/24 09:40	10/25/24 21:15	1
Naphthalene	**30**	**J**	71	23	ug/Kg	☼	10/24/24 09:40	10/25/24 21:15	1
Phenanthrene	**580**		71	23	ug/Kg	☼	10/24/24 09:40	10/25/24 21:15	1
Pyrene	**1500**		71	28	ug/Kg	☼	10/24/24 09:40	10/25/24 21:15	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2,4,6-Tribromophenol (Surr)	*62*		*10 - 120*	*10/24/24 09:40*	*10/25/24 21:15*	*1*
2-Fluorobiphenyl (Surr)	*66*		*36 - 120*	*10/24/24 09:40*	*10/25/24 21:15*	*1*
2-Fluorophenol (Surr)	*66*		*26 - 120*	*10/24/24 09:40*	*10/25/24 21:15*	*1*
Nitrobenzene-d5 (Surr)	*66*		*28 - 120*	*10/24/24 09:40*	*10/25/24 21:15*	*1*
Phenol-d5 (Surr)	*67*		*29 - 120*	*10/24/24 09:40*	*10/25/24 21:15*	*1*
Terphenyl-d14 (Surr)	*50*		*37 - 120*	*10/24/24 09:40*	*10/25/24 21:15*	*1*

Method: SW846 6010D - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	**13**		2.7	0.57	mg/Kg	☼	10/22/24 15:00	10/23/24 12:09	1
Barium	**80**		36	0.23	mg/Kg	☼	10/22/24 15:00	10/23/24 12:09	1
Cadmium	**0.39**	**J**	0.90	0.086	mg/Kg	☼	10/22/24 15:00	10/23/24 12:09	1
Chromium	**25**		1.8	0.62	mg/Kg	☼	10/22/24 15:00	10/23/24 12:09	1
Copper	**16**		4.5	1.3	mg/Kg	☼	10/22/24 15:00	10/23/24 12:09	1
Lead	**24**		1.8	0.51	mg/Kg	☼	10/22/24 15:00	10/23/24 12:09	1
Selenium	**1.3**	**J**	3.6	0.84	mg/Kg	☼	10/22/24 15:00	10/23/24 12:09	1
Silver	ND		1.8	0.15	mg/Kg	☼	10/22/24 15:00	10/23/24 12:09	1
Zinc	**1300**		9.0	6.5	mg/Kg	☼	10/22/24 15:00	10/23/24 12:09	1

Method: SW846 7471B - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	ND		0.20	0.037	mg/Kg	☼	10/22/24 15:00	10/23/24 10:22	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cr (VI) (SW846 7196A)	ND		0.74	0.25	mg/Kg	☼	11/01/24 12:50	11/03/24 01:12	1
Cyanide, Total (SW846 9012B)	ND		42	33	mg/Kg	☼	10/29/24 14:51	10/29/24 18:12	50

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Solids (EPA Moisture)	**55.6**		0.1	0.1	%			10/22/24 14:59	1
Percent Moisture (EPA Moisture)	**44.4**		0.1	0.1	%			10/22/24 14:59	1

Client: August Mack Environmental, Inc.
Job ID: 240-213444-1
Project/Site: MSC Canfield - N Ditch Sampling

Client Sample ID: T2-1125-N-0.0
Lab Sample ID: 240-213444-9
Date Collected: 10/21/24 12:40
Matrix: Solid
Date Received: 10/21/24 16:22
Percent Solids: 55.6

General Chemistry - ASTM Leach

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cyanide, Free (OI CORP OIA-1677)	0.026		0.0060	0.0050	mg/L			11/01/24 13:43	1

Client Sample ID: T2-1125-N-2.0
Lab Sample ID: 240-213444-10
Date Collected: 10/21/24 12:55
Matrix: Solid
Date Received: 10/21/24 16:22
Percent Solids: 79.5

Method: SW846 8270E - Semivolatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acenaphthene	ND		51	18	ug/Kg	☼	10/24/24 09:40	10/25/24 22:50	1
Acenaphthylene	ND		51	19	ug/Kg	☼	10/24/24 09:40	10/25/24 22:50	1
Anthracene	ND		51	15	ug/Kg	☼	10/24/24 09:40	10/25/24 22:50	1
Benzo[a]anthracene	**22**	**J**	51	19	ug/Kg	☼	10/24/24 09:40	10/25/24 22:50	1
Benzo[a]pyrene	**24**	**J**	51	18	ug/Kg	☼	10/24/24 09:40	10/25/24 22:50	1
Benzo[b]fluoranthene	**41**	**J**	51	15	ug/Kg	☼	10/24/24 09:40	10/25/24 22:50	1
Benzo[g,h,i]perylene	ND		51	34	ug/Kg	☼	10/24/24 09:40	10/25/24 22:50	1
Benzo[k]fluoranthene	**14**	**J**	51	13	ug/Kg	☼	10/24/24 09:40	10/25/24 22:50	1
Chrysene	**34**	**J**	51	18	ug/Kg	☼	10/24/24 09:40	10/25/24 22:50	1
Dibenz(a,h)anthracene	ND		51	19	ug/Kg	☼	10/24/24 09:40	10/25/24 22:50	1
Fluoranthene	**55**		51	18	ug/Kg	☼	10/24/24 09:40	10/25/24 22:50	1
Fluorene	ND		51	18	ug/Kg	☼	10/24/24 09:40	10/25/24 22:50	1
Indeno[1,2,3-cd]pyrene	ND		51	15	ug/Kg	☼	10/24/24 09:40	10/25/24 22:50	1
Naphthalene	ND		51	16	ug/Kg	☼	10/24/24 09:40	10/25/24 22:50	1
Phenanthrene	**20**	**J**	51	16	ug/Kg	☼	10/24/24 09:40	10/25/24 22:50	1
Pyrene	**51**		51	20	ug/Kg	☼	10/24/24 09:40	10/25/24 22:50	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2,4,6-Tribromophenol (Surr)	*57*		*10 - 120*	*10/24/24 09:40*	*10/25/24 22:50*	*1*
2-Fluorobiphenyl (Surr)	*73*		*36 - 120*	*10/24/24 09:40*	*10/25/24 22:50*	*1*
2-Fluorophenol (Surr)	*73*		*26 - 120*	*10/24/24 09:40*	*10/25/24 22:50*	*1*
Nitrobenzene-d5 (Surr)	*70*		*28 - 120*	*10/24/24 09:40*	*10/25/24 22:50*	*1*
Phenol-d5 (Surr)	*77*		*29 - 120*	*10/24/24 09:40*	*10/25/24 22:50*	*1*
Terphenyl-d14 (Surr)	*67*		*37 - 120*	*10/24/24 09:40*	*10/25/24 22:50*	*1*

Method: SW846 6010D - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	**16**		1.8	0.37	mg/Kg	☼	10/22/24 15:00	10/23/24 12:22	1
Barium	**95**		24	0.15	mg/Kg	☼	10/22/24 15:00	10/23/24 12:22	1
Cadmium	**0.15**	**J**	0.59	0.057	mg/Kg	☼	10/22/24 15:00	10/23/24 12:22	1
Chromium	**18**		1.2	0.41	mg/Kg	☼	10/22/24 15:00	10/23/24 12:22	1
Copper	**17**		3.0	0.83	mg/Kg	☼	10/22/24 15:00	10/23/24 12:22	1
Lead	**12**		1.2	0.33	mg/Kg	☼	10/22/24 15:00	10/23/24 12:22	1
Selenium	**0.93**	**J**	2.4	0.56	mg/Kg	☼	10/22/24 15:00	10/23/24 12:22	1
Silver	ND		1.2	0.096	mg/Kg	☼	10/22/24 15:00	10/23/24 12:22	1
Zinc	**90**		5.9	4.3	mg/Kg	☼	10/22/24 15:00	10/23/24 12:22	1

Method: SW846 7471B - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	ND		0.12	0.021	mg/Kg	☼	10/22/24 15:00	10/23/24 10:23	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cr (VI) (SW846 7196A)	ND		0.53	0.18	mg/Kg	☼	11/01/24 12:50	11/03/24 01:12	1
Cyanide, Total (SW846 9012B)	**230**		19	15	mg/Kg	☼	10/29/24 14:51	10/29/24 19:33	25

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Solids (EPA Moisture)	**79.5**		0.1	0.1	%			10/22/24 14:59	1
Percent Moisture (EPA Moisture)	**20.5**		0.1	0.1	%			10/22/24 14:59	1

Client: August Mack Environmental, Inc.
Job ID: 240-213444-1
Project/Site: MSC Canfield - N Ditch Sampling

Client Sample ID: T2-1125-N-2.0
Lab Sample ID: 240-213444-10
Date Collected: 10/21/24 12:55
Matrix: Solid
Date Received: 10/21/24 16:22
Percent Solids: 79.5

General Chemistry - ASTM Leach

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cyanide, Free (OI CORP OIA-1677)	0.0062		0.0060	0.0050	mg/L			11/04/24 15:54	1

Client: August Mack Environmental, Inc.
Project/Site: MSC Canfield - N Ditch Sampling

Job ID: 240-213444-1

Client Sample ID: T2-1250-S-0.0
Date Collected: 10/21/24 13:55
Date Received: 10/21/24 16:22

Lab Sample ID: 240-213444-11
Matrix: Solid
Percent Solids: 50.9

Method: SW846 8270E - Semivolatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acenaphthene	ND		79	28	ug/Kg	☼	10/24/24 09:40	10/25/24 18:53	1
Acenaphthylene	ND		79	30	ug/Kg	☼	10/24/24 09:40	10/25/24 18:53	1
Anthracene	**110**		79	24	ug/Kg	☼	10/24/24 09:40	10/25/24 18:53	1
Benzo[a]anthracene	**690**		79	30	ug/Kg	☼	10/24/24 09:40	10/25/24 18:53	1
Benzo[a]pyrene	**920**		79	28	ug/Kg	☼	10/24/24 09:40	10/25/24 18:53	1
Benzo[b]fluoranthene	**1600**	**F1**	79	24	ug/Kg	☼	10/24/24 09:40	10/25/24 18:53	1
Benzo[g,h,i]perylene	**760**		79	53	ug/Kg	☼	10/24/24 09:40	10/25/24 18:53	1
Benzo[k]fluoranthene	**470**		79	20	ug/Kg	☼	10/24/24 09:40	10/25/24 18:53	1
Chrysene	**1200**	**F1**	79	28	ug/Kg	☼	10/24/24 09:40	10/25/24 18:53	1
Dibenz(a,h)anthracene	**150**		79	30	ug/Kg	☼	10/24/24 09:40	10/25/24 18:53	1
Fluoranthene	**2100**	**F1**	79	28	ug/Kg	☼	10/24/24 09:40	10/25/24 18:53	1
Fluorene	ND		79	28	ug/Kg	☼	10/24/24 09:40	10/25/24 18:53	1
Indeno[1,2,3-cd]pyrene	**630**		79	24	ug/Kg	☼	10/24/24 09:40	10/25/24 18:53	1
Naphthalene	**27**	**J**	79	26	ug/Kg	☼	10/24/24 09:40	10/25/24 18:53	1
Phenanthrene	**610**		79	26	ug/Kg	☼	10/24/24 09:40	10/25/24 18:53	1
Pyrene	**1600**	**F1**	79	31	ug/Kg	☼	10/24/24 09:40	10/25/24 18:53	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2,4,6-Tribromophenol (Surr)	*56*		*10 - 120*	*10/24/24 09:40*	*10/25/24 18:53*	*1*
2-Fluorobiphenyl (Surr)	*59*		*36 - 120*	*10/24/24 09:40*	*10/25/24 18:53*	*1*
2-Fluorophenol (Surr)	*61*		*26 - 120*	*10/24/24 09:40*	*10/25/24 18:53*	*1*
Nitrobenzene-d5 (Surr)	*58*		*28 - 120*	*10/24/24 09:40*	*10/25/24 18:53*	*1*
Phenol-d5 (Surr)	*63*		*29 - 120*	*10/24/24 09:40*	*10/25/24 18:53*	*1*
Terphenyl-d14 (Surr)	*45*		*37 - 120*	*10/24/24 09:40*	*10/25/24 18:53*	*1*

Method: SW846 6010D - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	**11**		2.9	0.62	mg/Kg	☼	10/22/24 15:00	10/23/24 09:53	1
Barium	**68**		39	0.25	mg/Kg	☼	10/22/24 15:00	10/23/24 09:53	1
Cadmium	**0.41**	**J**	0.98	0.094	mg/Kg	☼	10/22/24 15:00	10/23/24 09:53	1
Chromium	**22**		2.0	0.67	mg/Kg	☼	10/22/24 15:00	10/23/24 09:53	1
Copper	**5.5**	**F1**	4.9	1.4	mg/Kg	☼	10/22/24 15:00	10/23/24 09:53	1
Lead	**22**		2.0	0.55	mg/Kg	☼	10/22/24 15:00	10/23/24 09:53	1
Selenium	**1.4**	**J**	3.9	0.92	mg/Kg	☼	10/22/24 15:00	10/23/24 09:53	1
Silver	ND		2.0	0.16	mg/Kg	☼	10/22/24 15:00	10/23/24 09:53	1
Zinc	**4300**		9.8	7.1	mg/Kg	☼	10/22/24 15:00	10/23/24 09:53	1

Method: SW846 7471B - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	ND		0.22	0.039	mg/Kg	☼	10/22/24 15:00	10/23/24 09:59	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cr (VI) (SW846 7196A)	**2.8**	**J F1**	4.1	1.4	mg/Kg	☼	11/01/24 12:50	11/03/24 01:12	5
Cyanide, Total (SW846 9012B)	ND		47	38	mg/Kg	☼	10/29/24 14:51	10/29/24 17:38	50

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Solids (EPA Moisture)	**50.9**		0.1	0.1	%			10/22/24 14:59	1
Percent Moisture (EPA Moisture)	**49.1**		0.1	0.1	%			10/22/24 14:59	1

Client: August Mack Environmental, Inc.
Job ID: 240-213444-1
Project/Site: MSC Canfield - N Ditch Sampling

Client Sample ID: T2-1250-S-0.0
Lab Sample ID: 240-213444-11
Date Collected: 10/21/24 13:55
Matrix: Solid
Date Received: 10/21/24 16:22
Percent Solids: 50.9

General Chemistry - ASTM Leach

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cyanide, Free (OI CORP OIA-1677)	0.027		0.0060	0.0050	mg/L			11/01/24 12:38	1

Client: August Mack Environmental, Inc.
Project/Site: MSC Canfield - N Ditch Sampling

Job ID: 240-213444-1

Client Sample ID: TB-1-20241021
Date Collected: 10/21/24 14:00
Date Received: 10/21/24 16:22

Lab Sample ID: 240-213444-12
Matrix: Water

Method: SW846 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		1.0	0.48	ug/L			10/29/24 11:16	1
1,1,2,2-Tetrachloroethane	ND		1.0	0.60	ug/L			10/29/24 11:16	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		1.0	0.41	ug/L			10/29/24 11:16	1
1,1,2-Trichloroethane	ND		1.0	0.48	ug/L			10/29/24 11:16	1
1,1-Dichloroethane	ND		1.0	0.47	ug/L			10/29/24 11:16	1
1,1-Dichloroethene	ND		1.0	0.49	ug/L			10/29/24 11:16	1
1,2,4-Trichlorobenzene	ND		1.0	0.77	ug/L			10/29/24 11:16	1
1,2-Dibromo-3-Chloropropane	ND		2.0	0.91	ug/L			10/29/24 11:16	1
Ethylene Dibromide	ND		1.0	0.41	ug/L			10/29/24 11:16	1
1,2-Dichlorobenzene	ND		1.0	0.48	ug/L			10/29/24 11:16	1
1,2-Dichloroethane	ND		1.0	0.46	ug/L			10/29/24 11:16	1
1,2-Dichloropropane	ND		1.0	0.47	ug/L			10/29/24 11:16	1
1,3-Dichlorobenzene	ND		1.0	0.45	ug/L			10/29/24 11:16	1
1,4-Dichlorobenzene	ND		1.0	0.41	ug/L			10/29/24 11:16	1
2-Butanone (MEK)	ND		10	1.2	ug/L			10/29/24 11:16	1
2-Hexanone	ND		10	1.1	ug/L			10/29/24 11:16	1
4-Methyl-2-pentanone (MIBK)	ND		10	0.99	ug/L			10/29/24 11:16	1
Acetone	ND		10	5.4	ug/L			10/29/24 11:16	1
Benzene	ND		1.0	0.42	ug/L			10/29/24 11:16	1
Dichlorobromomethane	ND		1.0	0.38	ug/L			10/29/24 11:16	1
Bromoform	ND		1.0	0.76	ug/L			10/29/24 11:16	1
Bromomethane	**0.71**	**J**	1.0	0.42	ug/L			10/29/24 11:16	1
Carbon disulfide	ND		1.0	0.59	ug/L			10/29/24 11:16	1
Carbon tetrachloride	ND		1.0	0.26	ug/L			10/29/24 11:16	1
Chlorobenzene	ND		1.0	0.38	ug/L			10/29/24 11:16	1
Chloroethane	ND		1.0	0.83	ug/L			10/29/24 11:16	1
Chloroform	ND		1.0	0.47	ug/L			10/29/24 11:16	1
Chloromethane	ND		1.0	0.63	ug/L			10/29/24 11:16	1
cis-1,2-Dichloroethene	ND		1.0	0.46	ug/L			10/29/24 11:16	1
cis-1,3-Dichloropropene	ND		1.0	0.61	ug/L			10/29/24 11:16	1
Cyclohexane	ND		1.0	0.48	ug/L			10/29/24 11:16	1
Chlorodibromomethane	ND		1.0	0.39	ug/L			10/29/24 11:16	1
Dichlorodifluoromethane	ND		1.0	0.35	ug/L			10/29/24 11:16	1
Ethylbenzene	ND		1.0	0.42	ug/L			10/29/24 11:16	1
Isopropylbenzene	ND		1.0	0.49	ug/L			10/29/24 11:16	1
Methyl acetate	ND		10	1.7	ug/L			10/29/24 11:16	1
Methyl tert-butyl ether	ND		1.0	0.47	ug/L			10/29/24 11:16	1
Methylcyclohexane	ND		1.0	0.33	ug/L			10/29/24 11:16	1
Methylene Chloride	ND		5.0	2.6	ug/L			10/29/24 11:16	1
Styrene	ND		1.0	0.45	ug/L			10/29/24 11:16	1
Tetrachloroethene	ND		1.0	0.44	ug/L			10/29/24 11:16	1
Toluene	ND		1.0	0.44	ug/L			10/29/24 11:16	1
trans-1,2-Dichloroethene	ND		1.0	0.51	ug/L			10/29/24 11:16	1
trans-1,3-Dichloropropene	ND		1.0	0.67	ug/L			10/29/24 11:16	1
Trichloroethene	ND		1.0	0.44	ug/L			10/29/24 11:16	1
Trichlorofluoromethane	ND		1.0	0.45	ug/L			10/29/24 11:16	1
Vinyl chloride	ND		1.0	0.45	ug/L			10/29/24 11:16	1
Xylenes, Total	ND		2.0	0.42	ug/L			10/29/24 11:16	1

Client: August Mack Environmental, Inc.
Project/Site: MSC Canfield - N Ditch Sampling

Job ID: 240-213444-1

Client Sample ID: TB-1-20241021
Date Collected: 10/21/24 14:00
Date Received: 10/21/24 16:22

Lab Sample ID: 240-213444-12
Matrix: Water

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
Toluene-d8 (Surr)	92		78 - 122		10/29/24 11:16	1
Dibromofluoromethane (Surr)	90		73 - 120		10/29/24 11:16	1
4-Bromofluorobenzene (Surr)	98		56 - 136		10/29/24 11:16	1
1,2-Dichloroethane-d4 (Surr)	88		62 - 137		10/29/24 11:16	1

Client: August Mack Environmental, Inc.
Project/Site: MSC Canfield - N Ditch Sampling

Job ID: 240-213444-1

Client Sample ID: TB-2-20241021
Date Collected: 10/21/24 14:05
Date Received: 10/21/24 16:22

Lab Sample ID: 240-213444-13
Matrix: Water

Method: SW846 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		1.0	0.48	ug/L			10/29/24 11:39	1
1,1,2,2-Tetrachloroethane	ND		1.0	0.60	ug/L			10/29/24 11:39	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		1.0	0.41	ug/L			10/29/24 11:39	1
1,1,2-Trichloroethane	ND		1.0	0.48	ug/L			10/29/24 11:39	1
1,1-Dichloroethane	ND		1.0	0.47	ug/L			10/29/24 11:39	1
1,1-Dichloroethene	ND		1.0	0.49	ug/L			10/29/24 11:39	1
1,2,4-Trichlorobenzene	ND		1.0	0.77	ug/L			10/29/24 11:39	1
1,2-Dibromo-3-Chloropropane	ND		2.0	0.91	ug/L			10/29/24 11:39	1
Ethylene Dibromide	ND		1.0	0.41	ug/L			10/29/24 11:39	1
1,2-Dichlorobenzene	ND		1.0	0.48	ug/L			10/29/24 11:39	1
1,2-Dichloroethane	ND		1.0	0.46	ug/L			10/29/24 11:39	1
1,2-Dichloropropane	ND		1.0	0.47	ug/L			10/29/24 11:39	1
1,3-Dichlorobenzene	ND		1.0	0.45	ug/L			10/29/24 11:39	1
1,4-Dichlorobenzene	ND		1.0	0.41	ug/L			10/29/24 11:39	1
2-Butanone (MEK)	ND		10	1.2	ug/L			10/29/24 11:39	1
2-Hexanone	ND		10	1.1	ug/L			10/29/24 11:39	1
4-Methyl-2-pentanone (MIBK)	ND		10	0.99	ug/L			10/29/24 11:39	1
Acetone	ND		10	5.4	ug/L			10/29/24 11:39	1
Benzene	ND		1.0	0.42	ug/L			10/29/24 11:39	1
Dichlorobromomethane	ND		1.0	0.38	ug/L			10/29/24 11:39	1
Bromoform	ND		1.0	0.76	ug/L			10/29/24 11:39	1
Bromomethane	**0.63**	**J**	1.0	0.42	ug/L			10/29/24 11:39	1
Carbon disulfide	ND		1.0	0.59	ug/L			10/29/24 11:39	1
Carbon tetrachloride	ND		1.0	0.26	ug/L			10/29/24 11:39	1
Chlorobenzene	ND		1.0	0.38	ug/L			10/29/24 11:39	1
Chloroethane	ND		1.0	0.83	ug/L			10/29/24 11:39	1
Chloroform	ND		1.0	0.47	ug/L			10/29/24 11:39	1
Chloromethane	ND		1.0	0.63	ug/L			10/29/24 11:39	1
cis-1,2-Dichloroethene	ND		1.0	0.46	ug/L			10/29/24 11:39	1
cis-1,3-Dichloropropene	ND		1.0	0.61	ug/L			10/29/24 11:39	1
Cyclohexane	ND		1.0	0.48	ug/L			10/29/24 11:39	1
Chlorodibromomethane	ND		1.0	0.39	ug/L			10/29/24 11:39	1
Dichlorodifluoromethane	ND		1.0	0.35	ug/L			10/29/24 11:39	1
Ethylbenzene	ND		1.0	0.42	ug/L			10/29/24 11:39	1
Isopropylbenzene	ND		1.0	0.49	ug/L			10/29/24 11:39	1
Methyl acetate	ND		10	1.7	ug/L			10/29/24 11:39	1
Methyl tert-butyl ether	ND		1.0	0.47	ug/L			10/29/24 11:39	1
Methylcyclohexane	ND		1.0	0.33	ug/L			10/29/24 11:39	1
Methylene Chloride	ND		5.0	2.6	ug/L			10/29/24 11:39	1
Styrene	ND		1.0	0.45	ug/L			10/29/24 11:39	1
Tetrachloroethene	ND		1.0	0.44	ug/L			10/29/24 11:39	1
Toluene	ND		1.0	0.44	ug/L			10/29/24 11:39	1
trans-1,2-Dichloroethene	ND		1.0	0.51	ug/L			10/29/24 11:39	1
trans-1,3-Dichloropropene	ND		1.0	0.67	ug/L			10/29/24 11:39	1
Trichloroethene	ND		1.0	0.44	ug/L			10/29/24 11:39	1
Trichlorofluoromethane	ND		1.0	0.45	ug/L			10/29/24 11:39	1
Vinyl chloride	ND		1.0	0.45	ug/L			10/29/24 11:39	1
Xylenes, Total	ND		2.0	0.42	ug/L			10/29/24 11:39	1

Client: August Mack Environmental, Inc.
Project/Site: MSC Canfield - N Ditch Sampling

Job ID: 240-213444-1

Client Sample ID: TB-2-20241021
Date Collected: 10/21/24 14:05
Date Received: 10/21/24 16:22

Lab Sample ID: 240-213444-13
Matrix: Water

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
Toluene-d8 (Surr)	91		78 - 122		10/29/24 11:39	1
Dibromofluoromethane (Surr)	86		73 - 120		10/29/24 11:39	1
4-Bromofluorobenzene (Surr)	92		56 - 136		10/29/24 11:39	1
1,2-Dichloroethane-d4 (Surr)	82		62 - 137		10/29/24 11:39	1

Surrogate Summary

Client: August Mack Environmental, Inc.
Project/Site: MSC Canfield - N Ditch Sampling

Job ID: 240-213444-1

Method: 8260D - Volatile Organic Compounds by GC/MS

Matrix: Water — **Prep Type: Total/NA**

		Percent Surrogate Recovery (Acceptance Limits)			
		TOL	DBFM	BFB	DCA
Lab Sample ID	Client Sample ID	(78-122)	(73-120)	(56-136)	(62-137)
240-213444-12	TB-1-20241021	92	90	98	88
240-213444-13	TB-2-20241021	91	86	92	82
LCS 240-632868/4	Lab Control Sample	95	87	101	85
MB 240-632868/7	Method Blank	97	89	101	89

Surrogate Legend

TOL = Toluene-d8 (Surr)
DBFM = Dibromofluoromethane (Surr)
BFB = 4-Bromofluorobenzene (Surr)
DCA = 1,2-Dichloroethane-d4 (Surr)

Method: 8270E - Semivolatile Organic Compounds (GC/MS)

Matrix: Solid — **Prep Type: Total/NA**

		Percent Surrogate Recovery (Acceptance Limits)					
		TBP	FBP	2FP	NBZ	PHL	TPHL
Lab Sample ID	Client Sample ID	(10-120)	(36-120)	(26-120)	(28-120)	(29-120)	(37-120)
240-213444-1	T2-1000-C-2.0	71	81	80	78	84	68
240-213444-2	T2-1000-C-0.0	73	80	85	78	88	73
240-213444-3	T2-1000-S-0.0	79	79	82	79	88	77
240-213444-4	DUP-1-20241021	78	81	75	75	83	71
240-213444-5	T2-1000-S-2.0	54	65	68	55	71	60
240-213444-6	T2-1000-N-0.0	43	73	75	70	77	68
240-213444-7	T2-1125-S-0.0	62	69	70	68	75	60
240-213444-8	T2-1125-S-2.0	45	74	75	72	77	69
240-213444-9	T2-1125-N-0.0	62	66	66	66	67	50
240-213444-10	T2-1125-N-2.0	57	73	73	70	77	67
240-213444-11	T2-1250-S-0.0	56	59	61	58	63	45
240-213444-11 MS	T2-1250-S-0.0	71	72	73	68	77	68
240-213444-11 MSD	T2-1250-S-0.0	67	71	72	69	73	60
LCS 240-632253/2-A	Lab Control Sample	64	68	71	73	75	67
MB 240-632253/1-A	Method Blank	49	65	69	62	71	63

Surrogate Legend

TBP = 2,4,6-Tribromophenol (Surr)
FBP = 2-Fluorobiphenyl (Surr)
2FP = 2-Fluorophenol (Surr)
NBZ = Nitrobenzene-d5 (Surr)
PHL = Phenol-d5 (Surr)
TPHL = Terphenyl-d14 (Surr)

Method: 8260D - Volatile Organic Compounds by GC/MS

Lab Sample ID: MB 240-632868/7
Matrix: Water
Analysis Batch: 632868

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		1.0	0.48	ug/L			10/29/24 10:07	1
1,1,2,2-Tetrachloroethane	ND		1.0	0.60	ug/L			10/29/24 10:07	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		1.0	0.41	ug/L			10/29/24 10:07	1
1,1,2-Trichloroethane	ND		1.0	0.48	ug/L			10/29/24 10:07	1
1,1-Dichloroethane	ND		1.0	0.47	ug/L			10/29/24 10:07	1
1,1-Dichloroethene	ND		1.0	0.49	ug/L			10/29/24 10:07	1
1,2,4-Trichlorobenzene	ND		1.0	0.77	ug/L			10/29/24 10:07	1
1,2-Dibromo-3-Chloropropane	ND		2.0	0.91	ug/L			10/29/24 10:07	1
Ethylene Dibromide	ND		1.0	0.41	ug/L			10/29/24 10:07	1
1,2-Dichlorobenzene	ND		1.0	0.48	ug/L			10/29/24 10:07	1
1,2-Dichloroethane	ND		1.0	0.46	ug/L			10/29/24 10:07	1
1,2-Dichloropropane	ND		1.0	0.47	ug/L			10/29/24 10:07	1
1,3-Dichlorobenzene	ND		1.0	0.45	ug/L			10/29/24 10:07	1
1,4-Dichlorobenzene	ND		1.0	0.41	ug/L			10/29/24 10:07	1
2-Butanone (MEK)	ND		10	1.2	ug/L			10/29/24 10:07	1
2-Hexanone	ND		10	1.1	ug/L			10/29/24 10:07	1
4-Methyl-2-pentanone (MIBK)	ND		10	0.99	ug/L			10/29/24 10:07	1
Acetone	ND		10	5.4	ug/L			10/29/24 10:07	1
Benzene	ND		1.0	0.42	ug/L			10/29/24 10:07	1
Dichlorobromomethane	ND		1.0	0.38	ug/L			10/29/24 10:07	1
Bromoform	ND		1.0	0.76	ug/L			10/29/24 10:07	1
Bromomethane	ND		1.0	0.42	ug/L			10/29/24 10:07	1
Carbon disulfide	ND		1.0	0.59	ug/L			10/29/24 10:07	1
Carbon tetrachloride	ND		1.0	0.26	ug/L			10/29/24 10:07	1
Chlorobenzene	ND		1.0	0.38	ug/L			10/29/24 10:07	1
Chloroethane	ND		1.0	0.83	ug/L			10/29/24 10:07	1
Chloroform	ND		1.0	0.47	ug/L			10/29/24 10:07	1
Chloromethane	ND		1.0	0.63	ug/L			10/29/24 10:07	1
cis-1,2-Dichloroethene	ND		1.0	0.46	ug/L			10/29/24 10:07	1
cis-1,3-Dichloropropene	ND		1.0	0.61	ug/L			10/29/24 10:07	1
Cyclohexane	ND		1.0	0.48	ug/L			10/29/24 10:07	1
Chlorodibromomethane	ND		1.0	0.39	ug/L			10/29/24 10:07	1
Dichlorodifluoromethane	ND		1.0	0.35	ug/L			10/29/24 10:07	1
Ethylbenzene	ND		1.0	0.42	ug/L			10/29/24 10:07	1
Isopropylbenzene	ND		1.0	0.49	ug/L			10/29/24 10:07	1
Methyl acetate	ND		10	1.7	ug/L			10/29/24 10:07	1
Methyl tert-butyl ether	ND		1.0	0.47	ug/L			10/29/24 10:07	1
Methylcyclohexane	ND		1.0	0.33	ug/L			10/29/24 10:07	1
Methylene Chloride	ND		5.0	2.6	ug/L			10/29/24 10:07	1
Styrene	ND		1.0	0.45	ug/L			10/29/24 10:07	1
Tetrachloroethene	ND		1.0	0.44	ug/L			10/29/24 10:07	1
Toluene	ND		1.0	0.44	ug/L			10/29/24 10:07	1
trans-1,2-Dichloroethene	ND		1.0	0.51	ug/L			10/29/24 10:07	1
trans-1,3-Dichloropropene	ND		1.0	0.67	ug/L			10/29/24 10:07	1
Trichloroethene	ND		1.0	0.44	ug/L			10/29/24 10:07	1
Trichlorofluoromethane	ND		1.0	0.45	ug/L			10/29/24 10:07	1
Vinyl chloride	ND		1.0	0.45	ug/L			10/29/24 10:07	1
Xylenes, Total	ND		2.0	0.42	ug/L			10/29/24 10:07	1

Method: 8260D - Volatile Organic Compounds by GC/MS (Continued)

Lab Sample ID: MB 240-632868/7
Matrix: Water
Analysis Batch: 632868

Client Sample ID: Method Blank
Prep Type: Total/NA

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
Toluene-d8 (Surr)	*97*		*78 - 122*		*10/29/24 10:07*	*1*
Dibromofluoromethane (Surr)	*89*		*73 - 120*		*10/29/24 10:07*	*1*
4-Bromofluorobenzene (Surr)	*101*		*56 - 136*		*10/29/24 10:07*	*1*
1,2-Dichloroethane-d4 (Surr)	*89*		*62 - 137*		*10/29/24 10:07*	*1*

Lab Sample ID: LCS 240-632868/4
Matrix: Water
Analysis Batch: 632868

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
1,1,1-Trichloroethane	25.0	24.2		ug/L		97	64 - 131
1,1,2,2-Tetrachloroethane	25.0	20.1		ug/L		81	58 - 157
1,1,2-Trichloro-1,2,2-trifluoroethane	25.0	22.9		ug/L		91	51 - 146
1,1,2-Trichloroethane	25.0	21.8		ug/L		87	70 - 138
1,1-Dichloroethane	25.0	19.2		ug/L		77	72 - 127
1,1-Dichloroethene	25.0	22.7		ug/L		91	63 - 134
1,2,4-Trichlorobenzene	25.0	23.2		ug/L		93	44 - 147
1,2-Dibromo-3-Chloropropane	25.0	19.6		ug/L		78	53 - 135
Ethylene Dibromide	25.0	21.4		ug/L		86	71 - 134
1,2-Dichlorobenzene	25.0	20.8		ug/L		83	78 - 120
1,2-Dichloroethane	25.0	20.8		ug/L		83	66 - 128
1,2-Dichloropropane	25.0	20.0		ug/L		80	75 - 133
1,3-Dichlorobenzene	25.0	22.7		ug/L		91	80 - 120
1,4-Dichlorobenzene	25.0	22.2		ug/L		89	80 - 120
2-Butanone (MEK)	50.0	28.5		ug/L		57	54 - 156
2-Hexanone	50.0	33.8		ug/L		68	43 - 167
4-Methyl-2-pentanone (MIBK)	50.0	32.4		ug/L		65	46 - 158
Acetone	50.0	33.2		ug/L		66	50 - 149
Benzene	25.0	21.4		ug/L		85	77 - 123
Dichlorobromomethane	25.0	20.3		ug/L		81	69 - 126
Bromoform	25.0	22.0		ug/L		88	57 - 129
Bromomethane	12.5	12.5		ug/L		100	36 - 142
Carbon disulfide	25.0	22.4		ug/L		89	43 - 140
Carbon tetrachloride	25.0	26.0		ug/L		104	55 - 137
Chlorobenzene	25.0	21.8		ug/L		87	80 - 121
Chloroethane	12.5	9.34		ug/L		75	38 - 152
Chloroform	25.0	20.8		ug/L		83	74 - 122
Chloromethane	12.5	7.79		ug/L		62	47 - 143
cis-1,2-Dichloroethene	25.0	22.3		ug/L		89	77 - 123
cis-1,3-Dichloropropene	25.0	21.3		ug/L		85	64 - 130
Cyclohexane	25.0	20.0		ug/L		80	58 - 146
Chlorodibromomethane	25.0	23.3		ug/L		93	70 - 124
Dichlorodifluoromethane	12.5	8.74		ug/L		70	34 - 153
Ethylbenzene	25.0	25.3		ug/L		101	80 - 121
Isopropylbenzene	25.0	29.1		ug/L		116	74 - 128
Methyl acetate	50.0	27.4		ug/L		55	42 - 169
Methyl tert-butyl ether	25.0	22.3		ug/L		89	65 - 126
Methylcyclohexane	25.0	23.2		ug/L		93	62 - 136

Method: 8260D - Volatile Organic Compounds by GC/MS (Continued)

Lab Sample ID: LCS 240-632868/4
Matrix: Water
Analysis Batch: 632868

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Methylene Chloride	25.0	22.4		ug/L		90	71 - 125
Styrene	25.0	25.0		ug/L		100	80 - 135
Tetrachloroethene	25.0	24.3		ug/L		97	76 - 123
Toluene	25.0	22.5		ug/L		90	80 - 123
trans-1,2-Dichloroethene	25.0	20.4		ug/L		82	75 - 124
trans-1,3-Dichloropropene	25.0	23.4		ug/L		94	57 - 129
Trichloroethene	25.0	20.8		ug/L		83	70 - 122
Trichlorofluoromethane	12.5	10.4		ug/L		83	30 - 170
Vinyl chloride	12.5	8.61		ug/L		69	60 - 144
Xylenes, Total	50.0	51.3		ug/L		103	80 - 121
m-Xylene & p-Xylene	25.0	25.3		ug/L		101	80 - 120
o-Xylene	25.0	26.0		ug/L		104	80 - 123

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
Toluene-d8 (Surr)	*95*		*78 - 122*
Dibromofluoromethane (Surr)	*87*		*73 - 120*
4-Bromofluorobenzene (Surr)	*101*		*56 - 136*
1,2-Dichloroethane-d4 (Surr)	*85*		*62 - 137*

Method: 8270E - Semivolatile Organic Compounds (GC/MS)

Lab Sample ID: MB 240-632253/1-A
Matrix: Solid
Analysis Batch: 632425

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 632253

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acenaphthene	ND		40	14	ug/Kg		10/24/24 09:40	10/25/24 13:20	1
Acenaphthylene	ND		40	15	ug/Kg		10/24/24 09:40	10/25/24 13:20	1
Anthracene	ND		40	12	ug/Kg		10/24/24 09:40	10/25/24 13:20	1
Benzo[a]anthracene	ND		40	15	ug/Kg		10/24/24 09:40	10/25/24 13:20	1
Benzo[a]pyrene	ND		40	14	ug/Kg		10/24/24 09:40	10/25/24 13:20	1
Benzo[b]fluoranthene	ND		40	12	ug/Kg		10/24/24 09:40	10/25/24 13:20	1
Benzo[g,h,i]perylene	ND		40	27	ug/Kg		10/24/24 09:40	10/25/24 13:20	1
Benzo[k]fluoranthene	ND		40	10	ug/Kg		10/24/24 09:40	10/25/24 13:20	1
Chrysene	ND		40	14	ug/Kg		10/24/24 09:40	10/25/24 13:20	1
Dibenz(a,h)anthracene	ND		40	15	ug/Kg		10/24/24 09:40	10/25/24 13:20	1
Fluoranthene	ND		40	14	ug/Kg		10/24/24 09:40	10/25/24 13:20	1
Fluorene	ND		40	14	ug/Kg		10/24/24 09:40	10/25/24 13:20	1
Indeno[1,2,3-cd]pyrene	ND		40	12	ug/Kg		10/24/24 09:40	10/25/24 13:20	1
Naphthalene	ND		40	13	ug/Kg		10/24/24 09:40	10/25/24 13:20	1
Phenanthrene	ND		40	13	ug/Kg		10/24/24 09:40	10/25/24 13:20	1
Pyrene	ND		40	16	ug/Kg		10/24/24 09:40	10/25/24 13:20	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2,4,6-Tribromophenol (Surr)	*49*		*10 - 120*	*10/24/24 09:40*	*10/25/24 13:20*	*1*
2-Fluorobiphenyl (Surr)	*65*		*36 - 120*	*10/24/24 09:40*	*10/25/24 13:20*	*1*
2-Fluorophenol (Surr)	*69*		*26 - 120*	*10/24/24 09:40*	*10/25/24 13:20*	*1*
Nitrobenzene-d5 (Surr)	*62*		*28 - 120*	*10/24/24 09:40*	*10/25/24 13:20*	*1*

Method: 8270E - Semivolatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: MB 240-632253/1-A
Matrix: Solid
Analysis Batch: 632425

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 632253

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
Phenol-d5 (Surr)	71		29 - 120	10/24/24 09:40	10/25/24 13:20	1
Terphenyl-d14 (Surr)	63		37 - 120	10/24/24 09:40	10/25/24 13:20	1

Lab Sample ID: LCS 240-632253/2-A
Matrix: Solid
Analysis Batch: 632425

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 632253

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
Acenaphthene			1330	1010		ug/Kg		76	56 - 120		
Acenaphthylene			1330	1020		ug/Kg		76	54 - 120		
Anthracene			1330	1100		ug/Kg		83	59 - 120		
Benzo[a]anthracene			1330	1110		ug/Kg		83	59 - 120		
Benzo[a]pyrene			1330	1100		ug/Kg		83	54 - 120		
Benzo[b]fluoranthene			1330	1110		ug/Kg		84	58 - 120		
Benzo[g,h,i]perylene			1330	1220		ug/Kg		91	56 - 120		
Benzo[k]fluoranthene			1330	1050		ug/Kg		78	59 - 120		
Chrysene			1330	1110		ug/Kg		83	58 - 120		
Dibenz(a,h)anthracene			1330	1020		ug/Kg		76	54 - 120		
Fluoranthene			1330	1100		ug/Kg		83	59 - 120		
Fluorene			1330	1050		ug/Kg		79	56 - 120		
Indeno[1,2,3-cd]pyrene			1330	1240		ug/Kg		93	53 - 120		
Naphthalene			1330	1010		ug/Kg		76	54 - 120		
Phenanthrene			1330	1080		ug/Kg		81	57 - 120		
Pyrene			1330	1080		ug/Kg		81	59 - 120		

Surrogate	LCS %Recovery	LCS Qualifier	Limits
2,4,6-Tribromophenol (Surr)	64		10 - 120
2-Fluorobiphenyl (Surr)	68		36 - 120
2-Fluorophenol (Surr)	71		26 - 120
Nitrobenzene-d5 (Surr)	73		28 - 120
Phenol-d5 (Surr)	75		29 - 120
Terphenyl-d14 (Surr)	67		37 - 120

Lab Sample ID: 240-213444-11 MS
Matrix: Solid
Analysis Batch: 632425

Client Sample ID: T2-1250-S-0.0
Prep Type: Total/NA
Prep Batch: 632253

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits		
Acenaphthene	ND		2610	2160		ug/Kg	☼	83	26 - 120		
Acenaphthylene	ND		2610	2130		ug/Kg	☼	82	25 - 120		
Anthracene	110		2610	2430		ug/Kg	☼	89	25 - 121		
Benzo[a]anthracene	690		2610	3780		ug/Kg	☼	118	21 - 130		
Benzo[a]pyrene	920		2610	4280		ug/Kg	☼	129	12 - 131		
Benzo[b]fluoranthene	1600	F1	2610	5650	F1	ug/Kg	☼	154	14 - 134		
Benzo[g,h,i]perylene	760		2610	3680		ug/Kg	☼	112	10 - 145		
Benzo[k]fluoranthene	470		2610	3420		ug/Kg	☼	113	18 - 126		
Chrysene	1200	F1	2610	4500	F1	ug/Kg	☼	127	20 - 126		
Dibenz(a,h)anthracene	150		2610	2070		ug/Kg	☼	74	10 - 141		

Method: 8270E - Semivolatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: 240-213444-11 MS
Matrix: Solid
Analysis Batch: 632425

Client Sample ID: T2-1250-S-0.0
Prep Type: Total/NA
Prep Batch: 632253

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Fluoranthene	2100	F1	2610	6210	F1	ug/Kg	☼	156	18 - 139
Fluorene	ND		2610	2220		ug/Kg	☼	85	29 - 120
Indeno[1,2,3-cd]pyrene	630		2610	3710		ug/Kg	☼	118	10 - 143
Naphthalene	27	J	2610	2000		ug/Kg	☼	75	17 - 120
Phenanthrene	610		2610	3640		ug/Kg	☼	116	18 - 122
Pyrene	1600	F1	2610	5350	F1	ug/Kg	☼	145	18 - 136

Surrogate	*MS %Recovery*	*MS Qualifier*	*Limits*
2,4,6-Tribromophenol (Surr)	*71*		*10 - 120*
2-Fluorobiphenyl (Surr)	*72*		*36 - 120*
2-Fluorophenol (Surr)	*73*		*26 - 120*
Nitrobenzene-d5 (Surr)	*68*		*28 - 120*
Phenol-d5 (Surr)	*77*		*29 - 120*
Terphenyl-d14 (Surr)	*68*		*37 - 120*

Lab Sample ID: 240-213444-11 MSD
Matrix: Solid
Analysis Batch: 632425

Client Sample ID: T2-1250-S-0.0
Prep Type: Total/NA
Prep Batch: 632253

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Acenaphthene	ND		2580	2090		ug/Kg	☼	81	26 - 120	3	40
Acenaphthylene	ND		2580	2050		ug/Kg	☼	79	25 - 120	4	40
Anthracene	110		2580	2310		ug/Kg	☼	85	25 - 121	5	40
Benzo[a]anthracene	690		2580	2980		ug/Kg	☼	88	21 - 130	24	40
Benzo[a]pyrene	920		2580	3350		ug/Kg	☼	94	12 - 131	24	40
Benzo[b]fluoranthene	1600	F1	2580	3970		ug/Kg	☼	90	14 - 134	35	40
Benzo[g,h,i]perylene	760		2580	3000		ug/Kg	☼	87	10 - 145	20	40
Benzo[k]fluoranthene	470		2580	2970		ug/Kg	☼	97	18 - 126	14	40
Chrysene	1200	F1	2580	3370		ug/Kg	☼	84	20 - 126	29	40
Dibenz(a,h)anthracene	150		2580	1880		ug/Kg	☼	67	10 - 141	10	40
Fluoranthene	2100	F1	2580	4770		ug/Kg	☼	102	18 - 139	26	40
Fluorene	ND		2580	2130		ug/Kg	☼	83	29 - 120	4	40
Indeno[1,2,3-cd]pyrene	630		2580	2930		ug/Kg	☼	89	10 - 143	24	40
Naphthalene	27	J	2580	2060		ug/Kg	☼	79	17 - 120	3	40
Phenanthrene	610		2580	2950		ug/Kg	☼	91	18 - 122	21	40
Pyrene	1600	F1	2580	3910		ug/Kg	☼	91	18 - 136	31	40

Surrogate	*MSD %Recovery*	*MSD Qualifier*	*Limits*
2,4,6-Tribromophenol (Surr)	*67*		*10 - 120*
2-Fluorobiphenyl (Surr)	*71*		*36 - 120*
2-Fluorophenol (Surr)	*72*		*26 - 120*
Nitrobenzene-d5 (Surr)	*69*		*28 - 120*
Phenol-d5 (Surr)	*73*		*29 - 120*
Terphenyl-d14 (Surr)	*60*		*37 - 120*

Method: 6010D - Metals (ICP)

Lab Sample ID: MB 240-631904/1-A
Matrix: Solid
Analysis Batch: 632183

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 631904

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	ND		1.5	0.32	mg/Kg		10/22/24 15:00	10/23/24 09:44	1
Barium	ND		20	0.13	mg/Kg		10/22/24 15:00	10/23/24 09:44	1
Cadmium	ND		0.50	0.048	mg/Kg		10/22/24 15:00	10/23/24 09:44	1
Chromium	ND		1.0	0.34	mg/Kg		10/22/24 15:00	10/23/24 09:44	1
Copper	ND		2.5	0.70	mg/Kg		10/22/24 15:00	10/23/24 09:44	1
Lead	ND		1.0	0.28	mg/Kg		10/22/24 15:00	10/23/24 09:44	1
Selenium	ND		2.0	0.47	mg/Kg		10/22/24 15:00	10/23/24 09:44	1
Silver	ND		1.0	0.081	mg/Kg		10/22/24 15:00	10/23/24 09:44	1
Zinc	ND		5.0	3.6	mg/Kg		10/22/24 15:00	10/23/24 09:44	1

Lab Sample ID: LCS 240-631904/2-A
Matrix: Solid
Analysis Batch: 632183

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 631904

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Arsenic	200	193		mg/Kg		96	80 - 120
Barium	200	184		mg/Kg		92	80 - 120
Cadmium	100	93.6		mg/Kg		94	80 - 120
Chromium	100	93.2		mg/Kg		93	80 - 120
Copper	100	91.8		mg/Kg		92	80 - 120
Lead	100	90.4		mg/Kg		90	80 - 120
Selenium	200	191		mg/Kg		95	80 - 120
Silver	10.0	9.31		mg/Kg		93	80 - 120
Zinc	100	98.0		mg/Kg		98	80 - 120

Lab Sample ID: 240-213444-11 MS
Matrix: Solid
Analysis Batch: 632183

Client Sample ID: T2-1250-S-0.0
Prep Type: Total/NA
Prep Batch: 631904

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Arsenic	11		364	334		mg/Kg	☼	89	75 - 125
Barium	68		364	382		mg/Kg	☼	86	75 - 125
Cadmium	0.41	J	182	157		mg/Kg	☼	86	75 - 125
Chromium	22		182	178		mg/Kg	☼	86	75 - 125
Copper	5.5	F1	182	31.7	F1	mg/Kg	☼	14	75 - 125
Lead	22		182	168		mg/Kg	☼	80	75 - 125
Selenium	1.4	J	364	313		mg/Kg	☼	86	75 - 125
Silver	ND		18.2	15.6		mg/Kg	☼	86	75 - 125
Zinc	4300		182	3810	4	mg/Kg	☼	-256	75 - 125

Lab Sample ID: 240-213444-11 MSD
Matrix: Solid
Analysis Batch: 632183

Client Sample ID: T2-1250-S-0.0
Prep Type: Total/NA
Prep Batch: 631904

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Arsenic	11		364	341		mg/Kg	☼	91	75 - 125	2	20
Barium	68		364	393		mg/Kg	☼	89	75 - 125	3	20
Cadmium	0.41	J	182	158		mg/Kg	☼	87	75 - 125	1	20
Chromium	22		182	182		mg/Kg	☼	88	75 - 125	3	20

Method: 6010D - Metals (ICP) (Continued)

Lab Sample ID: 240-213444-11 MSD
Matrix: Solid
Analysis Batch: 632183

Client Sample ID: T2-1250-S-0.0
Prep Type: Total/NA
Prep Batch: 631904

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Copper	5.5	F1	182	30.1	F1	mg/Kg	☼	14	75 - 125	5	20
Lead	22		182	171		mg/Kg	☼	82	75 - 125	2	20
Selenium	1.4	J	364	319		mg/Kg	☼	87	75 - 125	2	20
Silver	ND		18.2	15.9		mg/Kg	☼	87	75 - 125	2	20
Zinc	4300		182	4380	4	mg/Kg	☼	57	75 - 125	14	20

Method: 7471B - Mercury (CVAA)

Lab Sample ID: MB 240-631906/1-A
Matrix: Solid
Analysis Batch: 632114

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 631906

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	ND		0.10	0.018	mg/Kg		10/22/24 15:00	10/23/24 09:56	1

Lab Sample ID: LCS 240-631906/2-A
Matrix: Solid
Analysis Batch: 632114

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 631906

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Mercury	0.833	0.798		mg/Kg		96	80 - 120

Lab Sample ID: 240-213444-11 MS
Matrix: Solid
Analysis Batch: 632114

Client Sample ID: T2-1250-S-0.0
Prep Type: Total/NA
Prep Batch: 631906

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Mercury	ND		0.307	0.332		mg/Kg	☼	108	80 - 120

Lab Sample ID: 240-213444-11 MSD
Matrix: Solid
Analysis Batch: 632114

Client Sample ID: T2-1250-S-0.0
Prep Type: Total/NA
Prep Batch: 631906

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Mercury	ND		0.307	0.357		mg/Kg	☼	116	80 - 120	7	20

Method: 7196A - Chromium, Hexavalent

Lab Sample ID: MB 410-570459/1-A
Matrix: Solid
Analysis Batch: 570666

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 570459

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cr (VI)	ND		0.42	0.14	mg/Kg		11/01/24 12:50	11/03/24 01:12	1

Lab Sample ID: LCS 410-570459/2-A
Matrix: Solid
Analysis Batch: 570666

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 570459

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Cr (VI)	5.00	4.71		mg/Kg		94	80 - 120

Method: 7196A - Chromium, Hexavalent

Lab Sample ID: LCSI 410-570459/3-A
Matrix: Solid
Analysis Batch: 570666

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 570459

Analyte			Spike Added	LCSI Result	LCSI Qualifier	Unit	D	%Rec	%Rec Limits		
Cr (VI)			1050	984		mg/Kg		94	80 - 120		

Lab Sample ID: 240-213444-11 MSI
Matrix: Solid
Analysis Batch: 570666

Client Sample ID: T2-1250-S-0.0
Prep Type: Total/NA
Prep Batch: 570459

Analyte	Sample Result	Sample Qualifier	Spike Added	MSI Result	MSI Qualifier	Unit	D	%Rec	%Rec Limits		
Cr (VI)	2.8	J F1	1420	282	F1	mg/Kg	☼	20	75 - 125		

Lab Sample ID: 240-213444-11 MSS
Matrix: Solid
Analysis Batch: 570666

Client Sample ID: T2-1250-S-0.0
Prep Type: Total/NA
Prep Batch: 570459

Analyte	Sample Result	Sample Qualifier	Spike Added	MSS Result	MSS Qualifier	Unit	D	%Rec	%Rec Limits		
Cr (VI)	2.8	J F1	78.6	1.71	J F1	mg/Kg	☼	-1	75 - 125		

Lab Sample ID: 240-213444-11 DU
Matrix: Solid
Analysis Batch: 570666

Client Sample ID: T2-1250-S-0.0
Prep Type: Total/NA
Prep Batch: 570459

Analyte	Sample Result	Sample Qualifier		DU Result	DU Qualifier	Unit	D			RPD	RPD Limit
Cr (VI)	2.8	J F1		1.71	J F5	mg/Kg	☼			50	20

Method: 9012B - Cyanide, Total andor Amenable

Lab Sample ID: MB 240-633012/1-A
Matrix: Solid
Analysis Batch: 633060

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 633012

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cyanide, Total	ND		0.50	0.40	mg/Kg		10/29/24 14:51	10/29/24 17:08	1

Lab Sample ID: LCS 240-633012/2-A
Matrix: Solid
Analysis Batch: 633060

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 633012

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
Cyanide, Total			7.55	7.92		mg/Kg		105	65 - 128		

Lab Sample ID: 240-213444-11 MS
Matrix: Solid
Analysis Batch: 633060

Client Sample ID: T2-1250-S-0.0
Prep Type: Total/NA
Prep Batch: 633012

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits		
Cyanide, Total	ND		1.75	272		mg/Kg	☼	NC	24 - 140		

Method: 9012B - Cyanide, Total andor Amenable (Continued)

Lab Sample ID: 240-213444-11 MSD
Matrix: Solid
Analysis Batch: 633060

Client Sample ID: T2-1250-S-0.0
Prep Type: Total/NA
Prep Batch: 633012

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Cyanide, Total	ND		1.75	330		mg/Kg	☼	NC	24 - 140	19	40

Method: Moisture - Percent Moisture

Lab Sample ID: 240-213444-11 DU
Matrix: Solid
Analysis Batch: 631947

Client Sample ID: T2-1250-S-0.0
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	DU Result	DU Qualifier	Unit	D	RPD	RPD Limit
Percent Solids	50.9		53.5		%		5	20
Percent Moisture	49.1		46.5		%		6	20

Method: OIA-1677 - Cyanide, Free (Flow Injection)

Lab Sample ID: MB 410-570882/17
Matrix: Solid
Analysis Batch: 570882

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cyanide, Free	ND		0.0060	0.0050	mg/L			11/01/24 11:56	1

Lab Sample ID: MB 410-570882/33
Matrix: Solid
Analysis Batch: 570882

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cyanide, Free	ND		0.0060	0.0050	mg/L			11/01/24 12:36	1

Lab Sample ID: MB 410-570882/49
Matrix: Solid
Analysis Batch: 570882

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cyanide, Free	ND		0.0060	0.0050	mg/L			11/01/24 13:16	1

Lab Sample ID: LCS 410-570882/16
Matrix: Solid
Analysis Batch: 570882

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Cyanide, Free	0.0500	0.0473		mg/L		95	82 - 132

Lab Sample ID: LCS 410-570882/32
Matrix: Solid
Analysis Batch: 570882

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Cyanide, Free	0.0500	0.0476		mg/L		95	82 - 132

Method: OIA-1677 - Cyanide, Free (Flow Injection) (Continued)

Lab Sample ID: LCS 410-570882/48
Matrix: Solid
Analysis Batch: 570882

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
Cyanide, Free			0.0500	0.0485		mg/L		97	82 - 132		

Lab Sample ID: MB 410-571173/33
Matrix: Solid
Analysis Batch: 571173

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cyanide, Free	ND		0.0060	0.0050	mg/L			11/04/24 14:59	1

Lab Sample ID: MB 410-571173/49
Matrix: Solid
Analysis Batch: 571173

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cyanide, Free	ND		0.0060	0.0050	mg/L			11/04/24 15:39	1

Lab Sample ID: LCS 410-571173/48
Matrix: Solid
Analysis Batch: 571173

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
Cyanide, Free			0.0500	0.0533		mg/L		107	82 - 132		

Lab Sample ID: 240-213444-1 MS
Matrix: Solid
Analysis Batch: 570882

Client Sample ID: T2-1000-C-2.0
Prep Type: ASTM Leach

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits		
Cyanide, Free	ND		0.0500	0.0559		mg/L		112	82 - 130		

Lab Sample ID: 240-213444-1 MSD
Matrix: Solid
Analysis Batch: 570882

Client Sample ID: T2-1000-C-2.0
Prep Type: ASTM Leach

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Cyanide, Free	ND		0.0500	0.0552		mg/L		110	82 - 130	1	11

Lab Sample ID: 240-213444-11 MS
Matrix: Solid
Analysis Batch: 570882

Client Sample ID: T2-1250-S-0.0
Prep Type: ASTM Leach

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits		
Cyanide, Free	0.027		0.0500	0.0750		mg/L		96	82 - 130		

Lab Sample ID: 240-213444-11 MSD
Matrix: Solid
Analysis Batch: 570882

Client Sample ID: T2-1250-S-0.0
Prep Type: ASTM Leach

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Cyanide, Free	0.027		0.0500	0.0753		mg/L		97	82 - 130	0	11

GC/MS VOA

Analysis Batch: 632868

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
240-213444-12	TB-1-20241021	Total/NA	Water	8260D	
240-213444-13	TB-2-20241021	Total/NA	Water	8260D	
MB 240-632868/7	Method Blank	Total/NA	Water	8260D	
LCS 240-632868/4	Lab Control Sample	Total/NA	Water	8260D	

GC/MS Semi VOA

Prep Batch: 632253

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
240-213444-1	T2-1000-C-2.0	Total/NA	Solid	3546	
240-213444-2	T2-1000-C-0.0	Total/NA	Solid	3546	
240-213444-3	T2-1000-S-0.0	Total/NA	Solid	3546	
240-213444-4	DUP-1-20241021	Total/NA	Solid	3546	
240-213444-5	T2-1000-S-2.0	Total/NA	Solid	3546	
240-213444-6	T2-1000-N-0.0	Total/NA	Solid	3546	
240-213444-7	T2-1125-S-0.0	Total/NA	Solid	3546	
240-213444-8	T2-1125-S-2.0	Total/NA	Solid	3546	
240-213444-9	T2-1125-N-0.0	Total/NA	Solid	3546	
240-213444-10	T2-1125-N-2.0	Total/NA	Solid	3546	
240-213444-11	T2-1250-S-0.0	Total/NA	Solid	3546	
MB 240-632253/1-A	Method Blank	Total/NA	Solid	3546	
LCS 240-632253/2-A	Lab Control Sample	Total/NA	Solid	3546	
240-213444-11 MS	T2-1250-S-0.0	Total/NA	Solid	3546	
240-213444-11 MSD	T2-1250-S-0.0	Total/NA	Solid	3546	

Analysis Batch: 632425

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
240-213444-1	T2-1000-C-2.0	Total/NA	Solid	8270E	632253
240-213444-2	T2-1000-C-0.0	Total/NA	Solid	8270E	632253
240-213444-3	T2-1000-S-0.0	Total/NA	Solid	8270E	632253
240-213444-4	DUP-1-20241021	Total/NA	Solid	8270E	632253
240-213444-5	T2-1000-S-2.0	Total/NA	Solid	8270E	632253
240-213444-6	T2-1000-N-0.0	Total/NA	Solid	8270E	632253
240-213444-7	T2-1125-S-0.0	Total/NA	Solid	8270E	632253
240-213444-8	T2-1125-S-2.0	Total/NA	Solid	8270E	632253
240-213444-9	T2-1125-N-0.0	Total/NA	Solid	8270E	632253
240-213444-10	T2-1125-N-2.0	Total/NA	Solid	8270E	632253
240-213444-11	T2-1250-S-0.0	Total/NA	Solid	8270E	632253
MB 240-632253/1-A	Method Blank	Total/NA	Solid	8270E	632253
LCS 240-632253/2-A	Lab Control Sample	Total/NA	Solid	8270E	632253
240-213444-11 MS	T2-1250-S-0.0	Total/NA	Solid	8270E	632253
240-213444-11 MSD	T2-1250-S-0.0	Total/NA	Solid	8270E	632253

Metals

Prep Batch: 631904

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
240-213444-1	T2-1000-C-2.0	Total/NA	Solid	3050B	
240-213444-2	T2-1000-C-0.0	Total/NA	Solid	3050B	
240-213444-3	T2-1000-S-0.0	Total/NA	Solid	3050B	
240-213444-4	DUP-1-20241021	Total/NA	Solid	3050B	
240-213444-5	T2-1000-S-2.0	Total/NA	Solid	3050B	

Metals (Continued)

Prep Batch: 631904 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
240-213444-6	T2-1000-N-0.0	Total/NA	Solid	3050B	
240-213444-7	T2-1125-S-0.0	Total/NA	Solid	3050B	
240-213444-8	T2-1125-S-2.0	Total/NA	Solid	3050B	
240-213444-9	T2-1125-N-0.0	Total/NA	Solid	3050B	
240-213444-10	T2-1125-N-2.0	Total/NA	Solid	3050B	
240-213444-11	T2-1250-S-0.0	Total/NA	Solid	3050B	
MB 240-631904/1-A	Method Blank	Total/NA	Solid	3050B	
LCS 240-631904/2-A	Lab Control Sample	Total/NA	Solid	3050B	
240-213444-11 MS	T2-1250-S-0.0	Total/NA	Solid	3050B	
240-213444-11 MSD	T2-1250-S-0.0	Total/NA	Solid	3050B	

Prep Batch: 631906

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
240-213444-1	T2-1000-C-2.0	Total/NA	Solid	7471B	
240-213444-2	T2-1000-C-0.0	Total/NA	Solid	7471B	
240-213444-3	T2-1000-S-0.0	Total/NA	Solid	7471B	
240-213444-4	DUP-1-20241021	Total/NA	Solid	7471B	
240-213444-5	T2-1000-S-2.0	Total/NA	Solid	7471B	
240-213444-6	T2-1000-N-0.0	Total/NA	Solid	7471B	
240-213444-7	T2-1125-S-0.0	Total/NA	Solid	7471B	
240-213444-8	T2-1125-S-2.0	Total/NA	Solid	7471B	
240-213444-9	T2-1125-N-0.0	Total/NA	Solid	7471B	
240-213444-10	T2-1125-N-2.0	Total/NA	Solid	7471B	
240-213444-11	T2-1250-S-0.0	Total/NA	Solid	7471B	
MB 240-631906/1-A	Method Blank	Total/NA	Solid	7471B	
LCS 240-631906/2-A	Lab Control Sample	Total/NA	Solid	7471B	
240-213444-11 MS	T2-1250-S-0.0	Total/NA	Solid	7471B	
240-213444-11 MSD	T2-1250-S-0.0	Total/NA	Solid	7471B	

Analysis Batch: 632114

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
240-213444-1	T2-1000-C-2.0	Total/NA	Solid	7471B	631906
240-213444-2	T2-1000-C-0.0	Total/NA	Solid	7471B	631906
240-213444-3	T2-1000-S-0.0	Total/NA	Solid	7471B	631906
240-213444-4	DUP-1-20241021	Total/NA	Solid	7471B	631906
240-213444-5	T2-1000-S-2.0	Total/NA	Solid	7471B	631906
240-213444-6	T2-1000-N-0.0	Total/NA	Solid	7471B	631906
240-213444-7	T2-1125-S-0.0	Total/NA	Solid	7471B	631906
240-213444-8	T2-1125-S-2.0	Total/NA	Solid	7471B	631906
240-213444-9	T2-1125-N-0.0	Total/NA	Solid	7471B	631906
240-213444-10	T2-1125-N-2.0	Total/NA	Solid	7471B	631906
240-213444-11	T2-1250-S-0.0	Total/NA	Solid	7471B	631906
MB 240-631906/1-A	Method Blank	Total/NA	Solid	7471B	631906
LCS 240-631906/2-A	Lab Control Sample	Total/NA	Solid	7471B	631906
240-213444-11 MS	T2-1250-S-0.0	Total/NA	Solid	7471B	631906
240-213444-11 MSD	T2-1250-S-0.0	Total/NA	Solid	7471B	631906

Analysis Batch: 632183

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
240-213444-1	T2-1000-C-2.0	Total/NA	Solid	6010D	631904
240-213444-2	T2-1000-C-0.0	Total/NA	Solid	6010D	631904

Metals (Continued)

Analysis Batch: 632183 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
240-213444-3	T2-1000-S-0.0	Total/NA	Solid	6010D	631904
240-213444-4	DUP-1-20241021	Total/NA	Solid	6010D	631904
240-213444-5	T2-1000-S-2.0	Total/NA	Solid	6010D	631904
240-213444-6	T2-1000-N-0.0	Total/NA	Solid	6010D	631904
240-213444-7	T2-1125-S-0.0	Total/NA	Solid	6010D	631904
240-213444-8	T2-1125-S-2.0	Total/NA	Solid	6010D	631904
240-213444-9	T2-1125-N-0.0	Total/NA	Solid	6010D	631904
240-213444-10	T2-1125-N-2.0	Total/NA	Solid	6010D	631904
240-213444-11	T2-1250-S-0.0	Total/NA	Solid	6010D	631904
MB 240-631904/1-A	Method Blank	Total/NA	Solid	6010D	631904
LCS 240-631904/2-A	Lab Control Sample	Total/NA	Solid	6010D	631904
240-213444-11 MS	T2-1250-S-0.0	Total/NA	Solid	6010D	631904
240-213444-11 MSD	T2-1250-S-0.0	Total/NA	Solid	6010D	631904

General Chemistry

Leach Batch: 567291

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
240-213444-1	T2-1000-C-2.0	ASTM Leach	Solid	D3987-85	
240-213444-2	T2-1000-C-0.0	ASTM Leach	Solid	D3987-85	
240-213444-3	T2-1000-S-0.0	ASTM Leach	Solid	D3987-85	
240-213444-4	DUP-1-20241021	ASTM Leach	Solid	D3987-85	
240-213444-5	T2-1000-S-2.0	ASTM Leach	Solid	D3987-85	
240-213444-6	T2-1000-N-0.0	ASTM Leach	Solid	D3987-85	
240-213444-7	T2-1125-S-0.0	ASTM Leach	Solid	D3987-85	
240-213444-8	T2-1125-S-2.0	ASTM Leach	Solid	D3987-85	
240-213444-9	T2-1125-N-0.0	ASTM Leach	Solid	D3987-85	
240-213444-10	T2-1125-N-2.0	ASTM Leach	Solid	D3987-85	
240-213444-11	T2-1250-S-0.0	ASTM Leach	Solid	D3987-85	
240-213444-1 MS	T2-1000-C-2.0	ASTM Leach	Solid	D3987-85	
240-213444-1 MSD	T2-1000-C-2.0	ASTM Leach	Solid	D3987-85	
240-213444-11 MS	T2-1250-S-0.0	ASTM Leach	Solid	D3987-85	
240-213444-11 MSD	T2-1250-S-0.0	ASTM Leach	Solid	D3987-85	

Prep Batch: 570459

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
240-213444-1	T2-1000-C-2.0	Total/NA	Solid	3060A	
240-213444-2	T2-1000-C-0.0	Total/NA	Solid	3060A	
240-213444-3	T2-1000-S-0.0	Total/NA	Solid	3060A	
240-213444-4	DUP-1-20241021	Total/NA	Solid	3060A	
240-213444-5	T2-1000-S-2.0	Total/NA	Solid	3060A	
240-213444-6	T2-1000-N-0.0	Total/NA	Solid	3060A	
240-213444-7	T2-1125-S-0.0	Total/NA	Solid	3060A	
240-213444-8	T2-1125-S-2.0	Total/NA	Solid	3060A	
240-213444-9	T2-1125-N-0.0	Total/NA	Solid	3060A	
240-213444-10	T2-1125-N-2.0	Total/NA	Solid	3060A	
240-213444-11	T2-1250-S-0.0	Total/NA	Solid	3060A	
MB 410-570459/1-A	Method Blank	Total/NA	Solid	3060A	
LCS 410-570459/2-A	Lab Control Sample	Total/NA	Solid	3060A	
LCSI 410-570459/3-A	Lab Control Sample	Total/NA	Solid	3060A	
240-213444-11 MSI	T2-1250-S-0.0	Total/NA	Solid	3060A	

General Chemistry (Continued)

Prep Batch: 570459 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
240-213444-11 MSS	T2-1250-S-0.0	Total/NA	Solid	3060A	
240-213444-11 DU	T2-1250-S-0.0	Total/NA	Solid	3060A	

Analysis Batch: 570666

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
240-213444-1	T2-1000-C-2.0	Total/NA	Solid	7196A	570459
240-213444-2	T2-1000-C-0.0	Total/NA	Solid	7196A	570459
240-213444-3	T2-1000-S-0.0	Total/NA	Solid	7196A	570459
240-213444-4	DUP-1-20241021	Total/NA	Solid	7196A	570459
240-213444-5	T2-1000-S-2.0	Total/NA	Solid	7196A	570459
240-213444-6	T2-1000-N-0.0	Total/NA	Solid	7196A	570459
240-213444-7	T2-1125-S-0.0	Total/NA	Solid	7196A	570459
240-213444-8	T2-1125-S-2.0	Total/NA	Solid	7196A	570459
240-213444-9	T2-1125-N-0.0	Total/NA	Solid	7196A	570459
240-213444-10	T2-1125-N-2.0	Total/NA	Solid	7196A	570459
240-213444-11	T2-1250-S-0.0	Total/NA	Solid	7196A	570459
MB 410-570459/1-A	Method Blank	Total/NA	Solid	7196A	570459
LCS 410-570459/2-A	Lab Control Sample	Total/NA	Solid	7196A	570459
LCSI 410-570459/3-A	Lab Control Sample	Total/NA	Solid	7196A	570459
240-213444-11 MSI	T2-1250-S-0.0	Total/NA	Solid	7196A	570459
240-213444-11 MSS	T2-1250-S-0.0	Total/NA	Solid	7196A	570459
240-213444-11 DU	T2-1250-S-0.0	Total/NA	Solid	7196A	570459

Analysis Batch: 570882

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
240-213444-1	T2-1000-C-2.0	ASTM Leach	Solid	OIA-1677	567291
240-213444-2	T2-1000-C-0.0	ASTM Leach	Solid	OIA-1677	567291
240-213444-3	T2-1000-S-0.0	ASTM Leach	Solid	OIA-1677	567291
240-213444-4	DUP-1-20241021	ASTM Leach	Solid	OIA-1677	567291
240-213444-5	T2-1000-S-2.0	ASTM Leach	Solid	OIA-1677	567291
240-213444-8	T2-1125-S-2.0	ASTM Leach	Solid	OIA-1677	567291
240-213444-9	T2-1125-N-0.0	ASTM Leach	Solid	OIA-1677	567291
240-213444-11	T2-1250-S-0.0	ASTM Leach	Solid	OIA-1677	567291
MB 410-570882/17	Method Blank	Total/NA	Solid	OIA-1677	
MB 410-570882/33	Method Blank	Total/NA	Solid	OIA-1677	
MB 410-570882/49	Method Blank	Total/NA	Solid	OIA-1677	
LCS 410-570882/16	Lab Control Sample	Total/NA	Solid	OIA-1677	
LCS 410-570882/32	Lab Control Sample	Total/NA	Solid	OIA-1677	
LCS 410-570882/48	Lab Control Sample	Total/NA	Solid	OIA-1677	
240-213444-1 MS	T2-1000-C-2.0	ASTM Leach	Solid	OIA-1677	567291
240-213444-1 MSD	T2-1000-C-2.0	ASTM Leach	Solid	OIA-1677	567291
240-213444-11 MS	T2-1250-S-0.0	ASTM Leach	Solid	OIA-1677	567291
240-213444-11 MSD	T2-1250-S-0.0	ASTM Leach	Solid	OIA-1677	567291

Analysis Batch: 571173

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
240-213444-6	T2-1000-N-0.0	ASTM Leach	Solid	OIA-1677	567291
240-213444-7	T2-1125-S-0.0	ASTM Leach	Solid	OIA-1677	567291
240-213444-10	T2-1125-N-2.0	ASTM Leach	Solid	OIA-1677	567291
MB 410-571173/33	Method Blank	Total/NA	Solid	OIA-1677	
MB 410-571173/49	Method Blank	Total/NA	Solid	OIA-1677	

General Chemistry (Continued)

Analysis Batch: 571173 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
LCS 410-571173/48	Lab Control Sample	Total/NA	Solid	OIA-1677	

Analysis Batch: 631947

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
240-213444-1	T2-1000-C-2.0	Total/NA	Solid	Moisture	
240-213444-2	T2-1000-C-0.0	Total/NA	Solid	Moisture	
240-213444-3	T2-1000-S-0.0	Total/NA	Solid	Moisture	
240-213444-4	DUP-1-20241021	Total/NA	Solid	Moisture	
240-213444-5	T2-1000-S-2.0	Total/NA	Solid	Moisture	
240-213444-6	T2-1000-N-0.0	Total/NA	Solid	Moisture	
240-213444-7	T2-1125-S-0.0	Total/NA	Solid	Moisture	
240-213444-8	T2-1125-S-2.0	Total/NA	Solid	Moisture	
240-213444-9	T2-1125-N-0.0	Total/NA	Solid	Moisture	
240-213444-10	T2-1125-N-2.0	Total/NA	Solid	Moisture	
240-213444-11	T2-1250-S-0.0	Total/NA	Solid	Moisture	
240-213444-11 DU	T2-1250-S-0.0	Total/NA	Solid	Moisture	

Prep Batch: 633012

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
240-213444-1	T2-1000-C-2.0	Total/NA	Solid	9012B	
240-213444-2	T2-1000-C-0.0	Total/NA	Solid	9012B	
240-213444-3	T2-1000-S-0.0	Total/NA	Solid	9012B	
240-213444-4	DUP-1-20241021	Total/NA	Solid	9012B	
240-213444-5	T2-1000-S-2.0	Total/NA	Solid	9012B	
240-213444-6	T2-1000-N-0.0	Total/NA	Solid	9012B	
240-213444-7	T2-1125-S-0.0	Total/NA	Solid	9012B	
240-213444-8	T2-1125-S-2.0	Total/NA	Solid	9012B	
240-213444-9	T2-1125-N-0.0	Total/NA	Solid	9012B	
240-213444-10	T2-1125-N-2.0	Total/NA	Solid	9012B	
240-213444-11	T2-1250-S-0.0	Total/NA	Solid	9012B	
MB 240-633012/1-A	Method Blank	Total/NA	Solid	9012B	
LCS 240-633012/2-A	Lab Control Sample	Total/NA	Solid	9012B	
240-213444-11 MS	T2-1250-S-0.0	Total/NA	Solid	9012B	
240-213444-11 MSD	T2-1250-S-0.0	Total/NA	Solid	9012B	

Analysis Batch: 633060

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
240-213444-1	T2-1000-C-2.0	Total/NA	Solid	9012B	633012
240-213444-2	T2-1000-C-0.0	Total/NA	Solid	9012B	633012
240-213444-3	T2-1000-S-0.0	Total/NA	Solid	9012B	633012
240-213444-4	DUP-1-20241021	Total/NA	Solid	9012B	633012
240-213444-5	T2-1000-S-2.0	Total/NA	Solid	9012B	633012
240-213444-6	T2-1000-N-0.0	Total/NA	Solid	9012B	633012
240-213444-7	T2-1125-S-0.0	Total/NA	Solid	9012B	633012
240-213444-8	T2-1125-S-2.0	Total/NA	Solid	9012B	633012
240-213444-9	T2-1125-N-0.0	Total/NA	Solid	9012B	633012
240-213444-10	T2-1125-N-2.0	Total/NA	Solid	9012B	633012
240-213444-11	T2-1250-S-0.0	Total/NA	Solid	9012B	633012
MB 240-633012/1-A	Method Blank	Total/NA	Solid	9012B	633012
LCS 240-633012/2-A	Lab Control Sample	Total/NA	Solid	9012B	633012
240-213444-11 MS	T2-1250-S-0.0	Total/NA	Solid	9012B	633012

General Chemistry (Continued)

Analysis Batch: 633060 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
240-213444-11 MSD	T2-1250-S-0.0	Total/NA	Solid	9012B	633012

Lab Chronicle

Client: August Mack Environmental, Inc.
Job ID: 240-213444-1
Project/Site: MSC Canfield - N Ditch Sampling

Client Sample ID: T2-1000-C-2.0
Lab Sample ID: 240-213444-1
Date Collected: 10/21/24 10:25
Matrix: Solid
Date Received: 10/21/24 16:22

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	Moisture		1	631947	AJ	EET CLE	10/22/24 14:59
ASTM Leach	Leach	D3987-85			567291	UNWS	ELLE	10/24/24 14:15 - 10/25/24 08:00 [1]
ASTM Leach	Analysis	OIA-1677		1	570882	UJE2	ELLE	11/01/24 13:23

Client Sample ID: T2-1000-C-2.0
Lab Sample ID: 240-213444-1
Date Collected: 10/21/24 10:25
Matrix: Solid
Date Received: 10/21/24 16:22
Percent Solids: 78.4

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	3546			632253	L6TL	EET CLE	10/24/24 09:40
Total/NA	Analysis	8270E		1	632425	JMG	EET CLE	10/25/24 21:39
Total/NA	Prep	3050B			631904	DEE	EET CLE	10/22/24 15:00
Total/NA	Analysis	6010D		1	632183	RKT	EET CLE	10/23/24 10:45
Total/NA	Prep	7471B			631906	DEE	EET CLE	10/22/24 15:00
Total/NA	Analysis	7471B		1	632114	S4FJ	EET CLE	10/23/24 10:05
Total/NA	Prep	3060A			570459	W2JF	ELLE	11/01/24 12:50
Total/NA	Analysis	7196A		1	570666	UDS7	ELLE	11/03/24 01:12
Total/NA	Prep	9012B			633012	C5SV	EET CLE	10/29/24 14:51
Total/NA	Analysis	9012B		5	633060	C5SV	EET CLE	10/29/24 18:49

Client Sample ID: T2-1000-C-0.0
Lab Sample ID: 240-213444-2
Date Collected: 10/21/24 10:10
Matrix: Solid
Date Received: 10/21/24 16:22

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	Moisture		1	631947	AJ	EET CLE	10/22/24 14:59
ASTM Leach	Leach	D3987-85			567291	UNWS	ELLE	10/24/24 14:15 - 10/25/24 08:00 [1]
ASTM Leach	Analysis	OIA-1677		1	570882	UJE2	ELLE	11/01/24 12:58

Client Sample ID: T2-1000-C-0.0
Lab Sample ID: 240-213444-2
Date Collected: 10/21/24 10:10
Matrix: Solid
Date Received: 10/21/24 16:22
Percent Solids: 83.0

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	3546			632253	L6TL	EET CLE	10/24/24 09:40
Total/NA	Analysis	8270E		2	632425	JMG	EET CLE	10/25/24 18:05
Total/NA	Prep	3050B			631904	DEE	EET CLE	10/22/24 15:00
Total/NA	Analysis	6010D		1	632183	RKT	EET CLE	10/23/24 10:49
Total/NA	Prep	7471B			631906	DEE	EET CLE	10/22/24 15:00
Total/NA	Analysis	7471B		1	632114	S4FJ	EET CLE	10/23/24 10:06
Total/NA	Prep	3060A			570459	W2JF	ELLE	11/01/24 12:50
Total/NA	Analysis	7196A		1	570666	UDS7	ELLE	11/03/24 01:12
Total/NA	Prep	9012B			633012	C5SV	EET CLE	10/29/24 14:51
Total/NA	Analysis	9012B		50	633060	C5SV	EET CLE	10/29/24 17:51

Lab Chronicle

Client: August Mack Environmental, Inc.
Job ID: 240-213444-1
Project/Site: MSC Canfield - N Ditch Sampling

Client Sample ID: T2-1000-S-0.0
Lab Sample ID: 240-213444-3
Date Collected: 10/21/24 10:50
Matrix: Solid
Date Received: 10/21/24 16:22

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	Moisture		1	631947	AJ	EET CLE	10/22/24 14:59
ASTM Leach	Leach	D3987-85			567291	UNWS	ELLE	10/24/24 14:15 - 10/25/24 08:00 [1]
ASTM Leach	Analysis	OIA-1677		1	570882	UJE2	ELLE	11/01/24 13:31

Client Sample ID: T2-1000-S-0.0
Lab Sample ID: 240-213444-3
Date Collected: 10/21/24 10:50
Matrix: Solid
Date Received: 10/21/24 16:22
Percent Solids: 79.5

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	3546			632253	L6TL	EET CLE	10/24/24 09:40
Total/NA	Analysis	8270E		1	632425	JMG	EET CLE	10/25/24 20:04
Total/NA	Prep	3050B			631904	DEE	EET CLE	10/22/24 15:00
Total/NA	Analysis	6010D		1	632183	RKT	EET CLE	10/23/24 10:54
Total/NA	Prep	7471B			631906	DEE	EET CLE	10/22/24 15:00
Total/NA	Analysis	7471B		1	632114	S4FJ	EET CLE	10/23/24 10:11
Total/NA	Prep	3060A			570459	W2JF	ELLE	11/01/24 12:50
Total/NA	Analysis	7196A		1	570666	UDS7	ELLE	11/03/24 01:12
Total/NA	Prep	9012B			633012	C5SV	EET CLE	10/29/24 14:51
Total/NA	Analysis	9012B		25	633060	C5SV	EET CLE	10/29/24 19:15

Client Sample ID: DUP-1-20241021
Lab Sample ID: 240-213444-4
Date Collected: 10/21/24 00:00
Matrix: Solid
Date Received: 10/21/24 16:22

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	Moisture		1	631947	AJ	EET CLE	10/22/24 14:59
ASTM Leach	Leach	D3987-85			567291	UNWS	ELLE	10/24/24 14:15 - 10/25/24 08:00 [1]
ASTM Leach	Analysis	OIA-1677		1	570882	UJE2	ELLE	11/01/24 13:41

Client Sample ID: DUP-1-20241021
Lab Sample ID: 240-213444-4
Date Collected: 10/21/24 00:00
Matrix: Solid
Date Received: 10/21/24 16:22
Percent Solids: 78.1

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	3546			632253	L6TL	EET CLE	10/24/24 09:40
Total/NA	Analysis	8270E		1	632425	JMG	EET CLE	10/25/24 20:28
Total/NA	Prep	3050B			631904	DEE	EET CLE	10/22/24 15:00
Total/NA	Analysis	6010D		1	632183	RKT	EET CLE	10/23/24 10:58
Total/NA	Prep	7471B			631906	DEE	EET CLE	10/22/24 15:00
Total/NA	Analysis	7471B		1	632114	S4FJ	EET CLE	10/23/24 10:13
Total/NA	Prep	3060A			570459	W2JF	ELLE	11/01/24 12:50
Total/NA	Analysis	7196A		1	570666	UDS7	ELLE	11/03/24 01:12
Total/NA	Prep	9012B			633012	C5SV	EET CLE	10/29/24 14:51
Total/NA	Analysis	9012B		25	633060	C5SV	EET CLE	10/29/24 19:20

Lab Chronicle

Client: August Mack Environmental, Inc.
Job ID: 240-213444-1
Project/Site: MSC Canfield - N Ditch Sampling

Client Sample ID: T2-1000-S-2.0
Lab Sample ID: 240-213444-5
Date Collected: 10/21/24 11:10
Matrix: Solid
Date Received: 10/21/24 16:22

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	Moisture		1	631947	AJ	EET CLE	10/22/24 14:59
ASTM Leach	Leach	D3987-85			567291	UNWS	ELLE	10/24/24 14:15 - 10/25/24 08:00 [1]
ASTM Leach	Analysis	OIA-1677		1	570882	UJE2	ELLE	11/01/24 13:01

Client Sample ID: T2-1000-S-2.0
Lab Sample ID: 240-213444-5
Date Collected: 10/21/24 11:10
Matrix: Solid
Date Received: 10/21/24 16:22
Percent Solids: 64.2

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	3546			632253	L6TL	EET CLE	10/24/24 09:40
Total/NA	Analysis	8270E		1	632425	JMG	EET CLE	10/25/24 22:02
Total/NA	Prep	3050B			631904	DEE	EET CLE	10/22/24 15:00
Total/NA	Analysis	6010D		1	632183	RKT	EET CLE	10/23/24 11:02
Total/NA	Prep	7471B			631906	DEE	EET CLE	10/22/24 15:00
Total/NA	Analysis	7471B		1	632114	S4FJ	EET CLE	10/23/24 10:15
Total/NA	Prep	3060A			570459	W2JF	ELLE	11/01/24 12:50
Total/NA	Analysis	7196A		1	570666	UDS7	ELLE	11/03/24 01:12
Total/NA	Prep	9012B			633012	C5SV	EET CLE	10/29/24 14:51
Total/NA	Analysis	9012B		5	633060	C5SV	EET CLE	10/29/24 19:02

Client Sample ID: T2-1000-N-0.0
Lab Sample ID: 240-213444-6
Date Collected: 10/21/24 11:25
Matrix: Solid
Date Received: 10/21/24 16:22

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	Moisture		1	631947	AJ	EET CLE	10/22/24 14:59
ASTM Leach	Leach	D3987-85			567291	UNWS	ELLE	10/24/24 14:15 - 10/25/24 08:00 [1]
ASTM Leach	Analysis	OIA-1677		1	571173	UJE2	ELLE	11/04/24 15:34

Client Sample ID: T2-1000-N-0.0
Lab Sample ID: 240-213444-6
Date Collected: 10/21/24 11:25
Matrix: Solid
Date Received: 10/21/24 16:22
Percent Solids: 73.9

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	3546			632253	L6TL	EET CLE	10/24/24 09:40
Total/NA	Analysis	8270E		1	632425	JMG	EET CLE	10/25/24 22:26
Total/NA	Prep	3050B			631904	DEE	EET CLE	10/22/24 15:00
Total/NA	Analysis	6010D		1	632183	RKT	EET CLE	10/23/24 11:07
Total/NA	Prep	7471B			631906	DEE	EET CLE	10/22/24 15:00
Total/NA	Analysis	7471B		1	632114	S4FJ	EET CLE	10/23/24 10:16
Total/NA	Prep	3060A			570459	W2JF	ELLE	11/01/24 12:50
Total/NA	Analysis	7196A		1	570666	UDS7	ELLE	11/03/24 01:12
Total/NA	Prep	9012B			633012	C5SV	EET CLE	10/29/24 14:51
Total/NA	Analysis	9012B		1	633060	C5SV	EET CLE	10/29/24 18:01

Lab Chronicle

Client: August Mack Environmental, Inc.
Job ID: 240-213444-1
Project/Site: MSC Canfield - N Ditch Sampling

Client Sample ID: T2-1125-S-0.0
Lab Sample ID: 240-213444-7
Date Collected: 10/21/24 12:15
Matrix: Solid
Date Received: 10/21/24 16:22

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	Moisture		1	631947	AJ	EET CLE	10/22/24 14:59
ASTM Leach	Leach	D3987-85			567291	UNWS	ELLE	10/24/24 14:15 - 10/25/24 08:00 [1]
ASTM Leach	Analysis	OIA-1677		1	571173	UJE2	ELLE	11/04/24 15:32

Client Sample ID: T2-1125-S-0.0
Lab Sample ID: 240-213444-7
Date Collected: 10/21/24 12:15
Matrix: Solid
Date Received: 10/21/24 16:22
Percent Solids: 58.2

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	3546			632253	L6TL	EET CLE	10/24/24 09:40
Total/NA	Analysis	8270E		1	632425	JMG	EET CLE	10/25/24 17:42
Total/NA	Prep	3050B			631904	DEE	EET CLE	10/22/24 15:00
Total/NA	Analysis	6010D		1	632183	RKT	EET CLE	10/23/24 11:11
Total/NA	Prep	7471B			631906	DEE	EET CLE	10/22/24 15:00
Total/NA	Analysis	7471B		1	632114	S4FJ	EET CLE	10/23/24 10:18
Total/NA	Prep	3060A			570459	W2JF	ELLE	11/01/24 12:50
Total/NA	Analysis	7196A		1	570666	UDS7	ELLE	11/03/24 01:12
Total/NA	Prep	9012B			633012	C5SV	EET CLE	10/29/24 14:51
Total/NA	Analysis	9012B		50	633060	C5SV	EET CLE	10/29/24 18:06

Client Sample ID: T2-1125-S-2.0
Lab Sample ID: 240-213444-8
Date Collected: 10/21/24 12:30
Matrix: Solid
Date Received: 10/21/24 16:22

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	Moisture		1	631947	AJ	EET CLE	10/22/24 14:59
ASTM Leach	Leach	D3987-85			567291	UNWS	ELLE	10/24/24 14:15 - 10/25/24 08:00 [1]
ASTM Leach	Analysis	OIA-1677		1	570882	UJE2	ELLE	11/01/24 12:31

Client Sample ID: T2-1125-S-2.0
Lab Sample ID: 240-213444-8
Date Collected: 10/21/24 12:30
Matrix: Solid
Date Received: 10/21/24 16:22
Percent Solids: 79.0

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	3546			632253	L6TL	EET CLE	10/24/24 09:40
Total/NA	Analysis	8270E		1	632425	JMG	EET CLE	10/25/24 23:13
Total/NA	Prep	3050B			631904	DEE	EET CLE	10/22/24 15:00
Total/NA	Analysis	6010D		1	632183	RKT	EET CLE	10/23/24 11:16
Total/NA	Prep	7471B			631906	DEE	EET CLE	10/22/24 15:00
Total/NA	Analysis	7471B		1	632114	S4FJ	EET CLE	10/23/24 10:20
Total/NA	Prep	3060A			570459	W2JF	ELLE	11/01/24 12:50
Total/NA	Analysis	7196A		1	570666	UDS7	ELLE	11/03/24 01:12
Total/NA	Prep	9012B			633012	C5SV	EET CLE	10/29/24 14:51
Total/NA	Analysis	9012B		25	633060	C5SV	EET CLE	10/29/24 19:28

Client Sample ID: T2-1125-N-0.0
Lab Sample ID: 240-213444-9
Date Collected: 10/21/24 12:40
Matrix: Solid
Date Received: 10/21/24 16:22

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	Moisture		1	631947	AJ	EET CLE	10/22/24 14:59
ASTM Leach	Leach	D3987-85			567291	UNWS	ELLE	10/24/24 14:15 - 10/25/24 08:00 [1]
ASTM Leach	Analysis	OIA-1677		1	570882	UJE2	ELLE	11/01/24 13:43

Client Sample ID: T2-1125-N-0.0
Lab Sample ID: 240-213444-9
Date Collected: 10/21/24 12:40
Matrix: Solid
Date Received: 10/21/24 16:22
Percent Solids: 55.6

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	3546			632253	L6TL	EET CLE	10/24/24 09:40
Total/NA	Analysis	8270E		1	632425	JMG	EET CLE	10/25/24 21:15
Total/NA	Prep	3050B			631904	DEE	EET CLE	10/22/24 15:00
Total/NA	Analysis	6010D		1	632183	RKT	EET CLE	10/23/24 12:09
Total/NA	Prep	7471B			631906	DEE	EET CLE	10/22/24 15:00
Total/NA	Analysis	7471B		1	632114	S4FJ	EET CLE	10/23/24 10:22
Total/NA	Prep	3060A			570459	W2JF	ELLE	11/01/24 12:50
Total/NA	Analysis	7196A		1	570666	UDS7	ELLE	11/03/24 01:12
Total/NA	Prep	9012B			633012	C5SV	EET CLE	10/29/24 14:51
Total/NA	Analysis	9012B		50	633060	C5SV	EET CLE	10/29/24 18:12

Client Sample ID: T2-1125-N-2.0
Lab Sample ID: 240-213444-10
Date Collected: 10/21/24 12:55
Matrix: Solid
Date Received: 10/21/24 16:22

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	Moisture		1	631947	AJ	EET CLE	10/22/24 14:59
ASTM Leach	Leach	D3987-85			567291	UNWS	ELLE	10/24/24 14:15 - 10/25/24 08:00 [1]
ASTM Leach	Analysis	OIA-1677		1	571173	UJE2	ELLE	11/04/24 15:54

Client Sample ID: T2-1125-N-2.0
Lab Sample ID: 240-213444-10
Date Collected: 10/21/24 12:55
Matrix: Solid
Date Received: 10/21/24 16:22
Percent Solids: 79.5

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	3546			632253	L6TL	EET CLE	10/24/24 09:40
Total/NA	Analysis	8270E		1	632425	JMG	EET CLE	10/25/24 22:50
Total/NA	Prep	3050B			631904	DEE	EET CLE	10/22/24 15:00
Total/NA	Analysis	6010D		1	632183	RKT	EET CLE	10/23/24 12:22
Total/NA	Prep	7471B			631906	DEE	EET CLE	10/22/24 15:00
Total/NA	Analysis	7471B		1	632114	S4FJ	EET CLE	10/23/24 10:23
Total/NA	Prep	3060A			570459	W2JF	ELLE	11/01/24 12:50
Total/NA	Analysis	7196A		1	570666	UDS7	ELLE	11/03/24 01:12
Total/NA	Prep	9012B			633012	C5SV	EET CLE	10/29/24 14:51
Total/NA	Analysis	9012B		25	633060	C5SV	EET CLE	10/29/24 19:33

Lab Chronicle

Client: August Mack Environmental, Inc.
Job ID: 240-213444-1
Project/Site: MSC Canfield - N Ditch Sampling

Client Sample ID: T2-1250-S-0.0
Lab Sample ID: 240-213444-11
Date Collected: 10/21/24 13:55
Matrix: Solid
Date Received: 10/21/24 16:22

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	Moisture		1	631947	AJ	EET CLE	10/22/24 14:59
ASTM Leach	Leach	D3987-85			567291	UNWS	ELLE	10/24/24 14:15 - 10/25/24 08:00 [1]
ASTM Leach	Analysis	OIA-1677		1	570882	UJE2	ELLE	11/01/24 12:38

Client Sample ID: T2-1250-S-0.0
Lab Sample ID: 240-213444-11
Date Collected: 10/21/24 13:55
Matrix: Solid
Date Received: 10/21/24 16:22
Percent Solids: 50.9

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	3546			632253	L6TL	EET CLE	10/24/24 09:40
Total/NA	Analysis	8270E		1	632425	JMG	EET CLE	10/25/24 18:53
Total/NA	Prep	3050B			631904	DEE	EET CLE	10/22/24 15:00
Total/NA	Analysis	6010D		1	632183	RKT	EET CLE	10/23/24 09:53
Total/NA	Prep	7471B			631906	DEE	EET CLE	10/22/24 15:00
Total/NA	Analysis	7471B		1	632114	S4FJ	EET CLE	10/23/24 09:59
Total/NA	Prep	3060A			570459	W2JF	ELLE	11/01/24 12:50
Total/NA	Analysis	7196A		5	570666	UDS7	ELLE	11/03/24 01:12
Total/NA	Prep	9012B			633012	C5SV	EET CLE	10/29/24 14:51
Total/NA	Analysis	9012B		50	633060	C5SV	EET CLE	10/29/24 17:38

Client Sample ID: TB-1-20241021
Lab Sample ID: 240-213444-12
Date Collected: 10/21/24 14:00
Matrix: Water
Date Received: 10/21/24 16:22

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260D		1	632868	LEE	EET CLE	10/29/24 11:16

Client Sample ID: TB-2-20241021
Lab Sample ID: 240-213444-13
Date Collected: 10/21/24 14:05
Matrix: Water
Date Received: 10/21/24 16:22

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260D		1	632868	LEE	EET CLE	10/29/24 11:39

[1] This procedure uses a method stipulated length of time for the process. Both start and end times are displayed.

Laboratory References:

EET CLE = Eurofins Cleveland, 180 S. Van Buren Avenue, Barberton, OH 44203, TEL (330)497-9396

ELLE = Eurofins Lancaster Laboratories Environment Testing, LLC, 2425 New Holland Pike, Lancaster, PA 17601, TEL (717)656-2300

Accreditation/Certification Summary

Client: August Mack Environmental, Inc. Job ID: 240-213444-1
Project/Site: MSC Canfield - N Ditch Sampling

Laboratory: Eurofins Cleveland

All accreditations/certifications held by this laboratory are listed. Not all accreditations/certifications are applicable to this report.

Authority	Program	Identification Number	Expiration Date
California	State	2927	02-28-25
Connecticut	State	PH-0806	12-31-26
Georgia	State	4062	02-27-25
Illinois	NELAP	200004	08-31-25
Iowa	State	421	06-01-25
Kentucky (UST)	State	112225	02-27-25
Kentucky (WW)	State	KY98016	12-30-24
Minnesota	NELAP	039-999-348	12-31-24
New Hampshire	NELAP	225024	09-30-25
New Jersey	NELAP	OH001	07-03-25
New York	NELAP	10975	04-02-25
Ohio VAP	State	ORELAP 4062	02-27-25
Oregon	NELAP	4062	02-27-25
Pennsylvania	NELAP	68-00340	08-31-25
Texas	NELAP	T104704517-22-19	08-31-25
USDA	US Federal Programs	P330-18-00281	01-05-27
Virginia	NELAP	460175	09-14-25
West Virginia DEP	State	210	12-31-24

Laboratory: Eurofins Lancaster Laboratories Environment Testing, LLC

All accreditations/certifications held by this laboratory are listed. Not all accreditations/certifications are applicable to this report.

Authority	Program	Identification Number	Expiration Date
A2LA	Dept. of Defense ELAP	0001.01	11-30-26
A2LA	ISO/IEC 17025	0001.01	11-30-26
Alabama	State	43200	01-31-25
Alaska	State	PA00009	06-30-25
Alaska (UST)	State	17-027	02-28-25
Arizona	State	AZ0780	03-12-25
Arkansas DEQ	State	88-00660	08-09-25
California	State	2792	11-30-24
Colorado	State	PA00009	06-30-25
Connecticut	State	PH-0746	06-30-25
DE Haz. Subst. Cleanup Act (HSCA)	State	019-006 (PA cert)	01-31-25
Delaware (DW)	State	N/A	01-31-25
Florida	NELAP	E87997	06-30-25
Georgia (DW)	State	C048	01-31-25
Hawaii	State	N/A	01-31-25
Illinois	NELAP	200027	01-31-25
Iowa	State	361	03-01-26
Kentucky (DW)	State	KY90088	12-31-24
Kentucky (UST)	State	0001.01	11-30-26
Kentucky (WW)	State	KY90088	12-31-24
Louisiana (All)	NELAP	02055	06-30-25
Maine	State	2019012	03-12-25
Maryland	State	100	06-30-25
Massachusetts	State	M-PA009	06-30-25
Michigan	State	9930	01-31-25
Minnesota	NELAP	042-999-487	12-31-24
Mississippi	State	023	01-31-25

Accreditation/Certification Summary

Client: August Mack Environmental, Inc. Job ID: 240-213444-1
Project/Site: MSC Canfield - N Ditch Sampling

Laboratory: Eurofins Lancaster Laboratories Environment Testing, LLC (Continued)

All accreditations/certifications held by this laboratory are listed. Not all accreditations/certifications are applicable to this report.

Authority	Program	Identification Number	Expiration Date
Missouri	State	450	01-31-25
Montana (DW)	State	0098	01-01-25
Nebraska	State	NE-OS-32-17	01-31-25
New Hampshire	NELAP	2730	01-10-25
New Jersey	NELAP	PA011	06-30-25
New York	NELAP	10670	04-01-25
North Carolina (DW)	State	42705	07-31-25
North Carolina (WW/SW)	State	521	12-31-25
North Dakota	State	R-205	01-31-24 *
Oklahoma	NELAP	9804	08-31-24 *
Oregon	NELAP	PA200001	09-11-25
Pennsylvania	NELAP	36-00037	01-31-25
Quebec Ministry of Environment and Fight against Climate Change	PALA	507	09-16-29
Rhode Island	State	LAO00338	12-30-24
South Carolina	State	89002	01-31-25
Tennessee	State	02838	01-31-25
Texas	NELAP	T104704194-23-46	08-31-25
USDA	US Federal Programs	525-22-298-19481	10-25-25
Vermont	State	VT - 36037	10-28-25
Virginia	NELAP	460182	06-14-25
Washington	State	C457	04-11-25
West Virginia (DW)	State	9906 C	01-31-25
West Virginia DEP	State	055	07-31-25
Wyoming	State	8TMS-L	01-31-25
Wyoming (UST)	A2LA	0001.01	11-30-26

* Accreditation/Certification renewal pending - accreditation/certification considered valid.

Eurofins Cleveland
180 S. Van Buren Avenue
Barberton, OH 44203
Phone (330) 497-9396 Phone (330) 497-0772

Chain of Custody Record

eurofins | Environment Testing

Client Information	Sampler: Elisabeth Webber	Lab PM: Kalis, Nicole A	Carrier Tracking No(s):	COC No: 240-124901-43556.4
Client Contact: Kain Lager-Lowe	Phone:	E-Mail: Nicole.Kalis@et.eurofinsus.com	State of Origin: OH	Page: ~~Page 4 of 12~~ 1 of 2
Company: August Mack Environmental, Inc.	PWSID:	Analysis Requested		Job #: 5Y2380.372
Address: 7830 North Central Drive, Suite B	Due Date Requested:			Preservation Codes: N - None A - HCL B - NaOH D - HNO3
City: Lewis Center	TAT Requested (days): Standard TAT			
State, Zip: OH, 43035	Compliance Project: Δ Yes Δ No			
Phone: 740-548-1515(Tel)	PO #:			
Email: klagerlowe@augustmack.com	WO #:			
Project Name: MSC Canfield - ~~Soil/Surface Water~~ N Ditch sampling	Project #: DO NOT DELETE - 24033889			Other:
Site:	SSOW#:			

Sample Identification	Sample Date	Sample Time	Sample Type (C=Comp, G=grab)	Matrix (W=water, S=solid, O=waste/oil, BT=Tissue, A=Air)	Field Filtered Sample (Yes or No)	Perform MS/MSD (Yes or No)	8260D - VOCs	8270E - SVOCs – PAH ONLY	8082A - PCBs	6010D, 7471B - RCRA 8, Cu & Zn	9012B - Total Cyanide	7196A - Hexavalent Chromium	1677 - Free Cyanide							Total Number of containers	Special Instructions/Note:
			Preservation Code:				N	N	N	N	N	N	N								
T2-1000-C-2.0	10-21-24	1025	G	Solid	N			X		X	X	X	X							5	
T2-1000-C-0.0	10-21-24	1010	G	Solid	N			X		X	X	X	X							5	
T2-1000-S-0.0	10-21-24	1050	G	Solid	N			X		X	X	X	X							5	
DUP-1-20241021	10-21-24	—	G	Solid	N			X		X	X	X	X							5	
T2-1000-S-2.0	10-21-24	1110	G	Solid	N			X		X	X	X	X							5	
T2-1000-N-0.0	10-21-24	1125	G	Solid	N			X		X	X	X	X							5	
T2-1125-S-0.0	10-21-24	1215	G	Solid	N			X		X	X	X	X							5	
T2-1125-S-2.0	10-21-24	1230	G	Solid	N			X		X	X	X	X							5	
T2-1125-N-0.0	10-21-24	1240	G	Solid	N			X		X	X	X	X							5	
T2-1125-N-2.0	10-21-24	1255	G	Solid	N			X		X	X	X	X							5	
~~T2-1125-C-0.0~~	~~10-21-24~~	~~1320~~	~~G~~	Solid	N			X		X	X	X	X							5	

240-213444 COC

EW 10-21-24

Possible Hazard Identification
☐ Non-Hazard ☐ Flammable ☐ Skin Irritant ☐ Poison B ☐ Unknown ☐ Radiological

Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)
☐ Return To Client ☐ Disposal By Lab ☐ Archive For _____ Months

Deliverable Requested: I, II, III, IV, Other (specify)

Special Instructions/QC Requirements:

Empty Kit Relinquished by:	Date:	Time:	Method of Shipment:

Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company
Elisabeth Webber	10-21-24 / 1500	AME		10/21/24 1449	EUR
	10/21/24 / 1622	EUR	J MOROSKO	10/21/24 1622	EUR

Custody Seals Intact: Δ Yes Δ No	Custody Seal No.:	Cooler Temperature(s) °C and Other Remarks:

Eurofins Cleveland
180 S. Van Buren Avenue
Barberton, OH 44203
Phone (330) 497-9396 Phone (330) 497-0772

Chain of Custody Record

eurofins | Environment Testing

Client Information	Sampler: Elisabeth Webber	Lab PM: Kalis, Nicole A	Carrier Tracking No(s):	COC No: 240-124901-43556.4
Client Contact: Kain Lager-Lowe	Phone:	E-Mail: Nicole.Kalis@et.eurofinsus.com	State of Origin: OH	Page: ~~Page 1 of 12~~ 2 of 2
Company: August Mack Environmental, Inc.	PWSID:			Job #: JY2380.372

Address: 7830 North Central Drive, Suite B	Due Date Requested:
City: Lewis Center	TAT Requested (days): Standard TAT
State, Zip: OH, 43035	Compliance Project: Δ Yes Δ No
Phone: 740-548-1515(Tel)	PO #:
Email: klagerlowe@augustmack.com	WO #:
Project Name: MSC Canfield - ~~Soil/Surface Water~~ NI Ditch Sampling	Project #: DO NOT DELETE - 24033889
Site:	SSOW#:

Analysis Requested

Preservation Codes:
N - None
A - HCL
B - NaOH
D - HNO3
Other:

Sample Identification	Sample Date	Sample Time	Sample Type (C=Comp, G=grab)	Matrix (W=water, S=solid, O=waste/oil, BT=Tissue, A=Air)	Field Filtered Sample (Yes or No)	Perform MS/MSD (Yes or No)	8260D - VOCs	8270E - SVOCs - PAH ONLY	8082A - PCBs	6010D, 7471B - RCRA 8, Cu & Zn	9012B - Total Cyanide	7196A - Hexavalent Chromium	1677 - Free Cyanide							Total Number of containers	Special Instructions/Note:
			Preservation Code:		X	X	N	N	N	N	N	N	N							X	
T2-1250-S-0.0	10-21-24	1355	G	Solid	N	Y		X		X	X	X	X							15	
TB-1-20241021	10-21-24	1400	G	~~W~~ Solid			X													1	
TB-2-20241021	10-21-24	1405	G	~~W~~ Solid			X													1	
				Solid																	
				Solid																	
				Solid																	
				Solid																	
				Solid																	
				Solid																	
				Solid																	
				Solid																	

Possible Hazard Identification
☐ Non-Hazard ☐ Flammable ☐ Skin Irritant ☐ Poison B ☐ Unknown ☐ Radiological

Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)
☐ Return To Client ☐ Disposal By Lab ☐ Archive For _____ Months

Deliverable Requested: I, II, III, IV, Other (specify)

Special Instructions/QC Requirements:

Empty Kit Relinquished by:	Date:	Time:	Method of Shipment:

Relinquished by: Elisabeth Webber	Date/Time: 10-21-24 / 1500	Company: AME	Received by:	Date/Time: 10/21/24 1449	Company: EUR
Relinquished by:	Date/Time: 10/21/24 1622	Company: EUR	Received by: JMOROSKO	Date/Time: 10/22/24 1622	Company: EUR
Relinquished by:	Date/Time:	Company	Received by:	Date/Time: 10.22	Company

Custody Seals Intact: Δ Yes Δ No | Custody Seal No.: | Cooler Temperature(s) °C and Other Remarks:

Eurofins – Cleveland Sample Receipt Form/Narrative **Login # :**
Barberton Facility

Client August Mack Site Name

Cooler unpacked by: JMOROSKO

Cooler Received on 10/22/24 Opened on 10/22/24

FedEx: 1st Grd Exp UPS FAS Waypoint Client Drop Off Eurofins Courier Other

Receipt After-hours: Drop-off Date/Time Storage Location

Eurofins Cooler # EC Foam Box Client Cooler Box Other

Packing material used: Bubble Wrap Foam Plastic Bag None Other

COOLANT: Wet Ice Blue Ice Dry Ice Water None

1. Cooler temperature upon receipt ☒ See Multiple Cooler Form

IR GUN # 17 (CF TD.1 °C) Observed Cooler Temp. °C Corrected Cooler Temp. °C

2. Were tamper/custody seals on the outside of the cooler(s)? If Yes Quantity	Yes (No)
-Were the seals on the outside of the cooler(s) signed & dated?	Yes No (NA)
-Were tamper/custody seals on the bottle(s) or bottle kits (LLHg/MeHg)?	Yes (No)
-Were tamper/custody seals intact and uncompromised?	Yes No (NA)
3. Shippers' packing slip attached to the cooler(s)?	Yes (No)
4. Did custody papers accompany the sample(s)?	(Yes) No
5. Were the custody papers relinquished & signed in the appropriate place?	(Yes) No
6. Was/were the person(s) who collected the samples clearly identified on the COC?	(Yes) No
7. Did all bottles arrive in good condition (Unbroken)?	(Yes) No
8. Could all bottle labels (ID/Date/Time) be reconciled with the COC?	(Yes) No
9. For each sample, does the COC specify preservatives (Y/N), # of containers (Y/N), and sample type of grab/comp (Y/N)?	
10. Were correct bottle(s) used for the test(s) indicated?	(Yes) No
11. Sufficient quantity received to perform indicated analyses?	(Yes) No
12. Are these work share samples and all listed on the COC?	Yes (No)
If yes, Questions 13-17 have been checked at the originating laboratory.	
13. Were all preserved sample(s) at the correct pH upon receipt?	Yes No (NA) pH Strip Lot# HC447997
14. Were VOAs on the COC?	(Yes) No
15. Were air bubbles >6 mm in any VOA vials? ● ⬅ Larger than this.	Yes (No) NA
16. Was a VOA trip blank present in the cooler(s)? Trip Blank Lot # covered	(Yes) No
17. Was a LL Hg or Me Hg trip blank present?	Yes (No)

Tests that are not checked for pH by Receiving:
VOAs
Oil and Grease
TOC

Contacted PM Date by via Verbal Voice Mail Other

Concerning

18. CHAIN OF CUSTODY & SAMPLE DISCREPANCIES ☐ additional next page

Samples processed by:

Sample T2-1250-S-0.0 has sample ID: T2-1125-S-0.0 on bottle. Matched using time & date. Logging per COC (SW)

19. SAMPLE CONDITION

Sample(s) were received after the recommended holding time had expired.

Sample(s) were received in a broken container.

Sample(s) were received with bubble >6 mm in diameter. (Notify PM)

20. SAMPLE PRESERVATION

Sample(s) were further preserved in the laboratory.

Time preserved: Preservative(s) added/Lot number(s):

VOA Sample Preservation - Date/Time VOAs Frozen:

Login # : _____

Eurofins - Cleveland Sample Receipt Multiple Cooler Form			
Cooler Description (Circle)	IR Gun # (Circle)	Observed Temp °C	Corrected Temp °C	Coolant (Circle)
EC Client Box Other	IR GUN #: 17	1.2	1.3	Wet Ice Blue Ice Dry Ice Water None
EC Client Box Other	IR GUN #:	2.2	2.3	Wet Ice Blue Ice Dry Ice Water None
EC Client Box Other	IR GUN #:	1.3	1.4	Wet Ice Blue Ice Dry Ice Water None
EC Client Box Other	IR GUN #:	4.7	4.8	Wet Ice Blue Ice Dry Ice Water None
EC Client Box Other	IR GUN #:	

10/22/2024

Login Container Summary Report

240-213444

11/4/2024

Temperature readings: _____

Client Sample ID	Lab ID	Container Type	Container pH	Container Temp	Preservation Added	Preservation Lot Number
T2-1000-C-2.0	240-213444-A-1	SnapCap 1/2 ounce unpreserved				
T2-1000-C-2.0	240-213444-B-1	Soil jar 4oz - clear glass				
T2-1000-C-2.0	240-213444-C-1	Soil jar 4oz - clear glass				
T2-1000-C-2.0	240-213444-D-1	Soil jar 4oz - clear glass				
T2-1000-C-2.0	240-213444-E-1	Soil jar 4oz - clear glass				
T2-1000-C-2.0	240-213444-F-1	Soil jar 4oz - clear glass				
T2-1000-C-0.0	240-213444-A-2	SnapCap 1/2 ounce unpreserved				
T2-1000-C-0.0	240-213444-B-2	Soil jar 4oz - clear glass				
T2-1000-C-0.0	240-213444-C-2	Soil jar 4oz - clear glass				
T2-1000-C-0.0	240-213444-D-2	Soil jar 4oz - clear glass				
T2-1000-C-0.0	240-213444-E-2	Soil jar 4oz - clear glass				
T2-1000-C-0.0	240-213444-F-2	Soil jar 4oz - clear glass				
T2-1000-S-0.0	240-213444-A-3	SnapCap 1/2 ounce unpreserved				
T2-1000-S-0.0	240-213444-B-3	Soil jar 4oz - clear glass				
T2-1000-S-0.0	240-213444-C-3	Soil jar 4oz - clear glass				
T2-1000-S-0.0	240-213444-D-3	Soil jar 4oz - clear glass				
T2-1000-S-0.0	240-213444-E-3	Soil jar 4oz - clear glass				
T2-1000-S-0.0	240-213444-F-3	Soil jar 4oz - clear glass				
DUP-1-20241021	240-213444-A-4	SnapCap 1/2 ounce unpreserved				
DUP-1-20241021	240-213444-B-4	Soil jar 4oz - clear glass				
DUP-1-20241021	240-213444-C-4	Soil jar 4oz - clear glass				
DUP-1-20241021	240-213444-D-4	Soil jar 4oz - clear glass				
DUP-1-20241021	240-213444-E-4	Soil jar 4oz - clear glass				
DUP-1-20241021	240-213444-F-4	Soil jar 4oz - clear glass				
T2-100-S-2.0	240-213444-A-5	SnapCap 1/2 ounce unpreserved				
T2-100-S-2.0	240-213444-B-5	Soil jar 4oz - clear glass				
T2-100-S-2.0	240-213444-C-5	Soil jar 4oz - clear glass				
T2-100-S-2.0	240-213444-D-5	Soil jar 4oz - clear glass				
T2-100-S-2.0	240-213444-E-5	Soil jar 4oz - clear glass				
T2-100-S-2.0	240-213444-F-5	Soil jar 4oz - clear glass				
T2-1000-N-0.0	240-213444-A-6	SnapCap 1/2 ounce unpreserved				
T2-1000-N-0.0	240-213444-B-6	Soil jar 4oz - clear glass				
T2-1000-N-0.0	240-213444-C-6	Soil jar 4oz - clear glass				
T2-1000-N-0.0	240-213444-D-6	Soil jar 4oz - clear glass				
T2-1000-N-0.0	240-213444-E-6	Soil jar 4oz - clear glass				

Client Sample ID	Lab ID	Container Type	Container pH	Container Temp	Preservation Added	Preservation Lot Number
T2-1000-N-0.0	240-213444-F-6	Soil jar 4oz - clear glass				
T2-1125-S-0.0	240-213444-A-7	SnapCap 1/2 ounce unpreserved				
T2-1125-S-0.0	240-213444-B-7	Soil jar 4oz - clear glass				
T2-1125-S-0.0	240-213444-C-7	Soil jar 4oz - clear glass				
T2-1125-S-0.0	240-213444-D-7	Soil jar 4oz - clear glass				
T2-1125-S-0.0	240-213444-E-7	Soil jar 4oz - clear glass				
T2-1125-S-0.0	240-213444-F-7	Soil jar 4oz - clear glass				
T2-1125-S-2.0	240-213444-A-8	SnapCap 1/2 ounce unpreserved				
T2-1125-S-2.0	240-213444-B-8	Soil jar 4oz - clear glass				
T2-1125-S-2.0	240-213444-C-8	Soil jar 4oz - clear glass				
T2-1125-S-2.0	240-213444-D-8	Soil jar 4oz - clear glass				
T2-1125-S-2.0	240-213444-E-8	Soil jar 4oz - clear glass				
T2-1125-S-2.0	240-213444-F-8	Soil jar 4oz - clear glass				
T2-1125-N-0.0	240-213444-A-9	SnapCap 1/2 ounce unpreserved				
T2-1125-N-0.0	240-213444-B-9	Soil jar 4oz - clear glass				
T2-1125-N-0.0	240-213444-C-9	Soil jar 4oz - clear glass				
T2-1125-N-0.0	240-213444-D-9	Soil jar 4oz - clear glass				
T2-1125-N-0.0	240-213444-E-9	Soil jar 4oz - clear glass				
T2-1125-N-0.0	240-213444-F-9	Soil jar 4oz - clear glass				
T2-1125-N-2.0	240-213444-A-10	SnapCap 1/2 ounce unpreserved				
T2-1125-N-2.0	240-213444-B-10	Soil jar 4oz - clear glass				
T2-1125-N-2.0	240-213444-C-10	Soil jar 4oz - clear glass				
T2-1125-N-2.0	240-213444-D-10	Soil jar 4oz - clear glass				
T2-1125-N-2.0	240-213444-E-10	Soil jar 4oz - clear glass				
T2-1125-N-2.0	240-213444-F-10	Soil jar 4oz - clear glass				
T2-1250-S-0.0	240-213444-A-11	SnapCap 1/2 ounce unpreserved				
T2-1250-S-0.0	240-213444-A-11 DU	SnapCap 1/2 ounce unpreserved				
T2-1250-S-0.0	240-213444-A-11 MS	Soil jar 4oz - clear glass				
T2-1250-S-0.0	240-213444-A-11 MSD	Soil jar 4oz - clear glass				
T2-1250-S-0.0	240-213444-A-11 MSI	Soil jar 4oz - clear glass				
T2-1250-S-0.0	240-213444-A-11 MSS	Soil jar 4oz - clear glass				
T2-1250-S-0.0	240-213444-B-11	Soil jar 4oz - clear glass				
T2-1250-S-0.0	240-213444-B-11 DU	Soil jar 4oz - clear glass				
T2-1250-S-0.0	240-213444-B-11 MS	Soil jar 4oz - clear glass				
T2-1250-S-0.0	240-213444-B-11 MSD	Soil jar 4oz - clear glass				
T2-1250-S-0.0	240-213444-C-11	Soil jar 4oz - clear glass				

Client Sample ID	Lab ID	Container Type	Container pH	Container Temp	Preservation Added	Preservation Lot Number
T2-1250-S-0 0	240-213444-C-11 MS	Soil jar 4oz - clear glass				
T2-1250-S-0 0	240-213444-C-11 MSD	Soil jar 4oz - clear glass				
T2-1250-S-0 0	240-213444-D-11	Soil jar 4oz - clear glass				
T2-1250-S-0 0	240-213444-D-11 MS	Soil jar 4oz - clear glass				
T2-1250-S-0 0	240-213444-E-11	Soil jar 4oz - clear glass				
T2-1250-S-0 0	240-213444-F-11	Soil jar 4oz - clear glass				
TB-1-20241021	240-213444-A-12	Voa Vial 40ml - Hydrochloric Acid				
TB-2-20241021	240-213444-A-13	Voa Vial 40ml - Hydrochloric Acid				

Eurofins Cleveland
180 S. Van Buren Avenue
Barberton, OH 44203
Phone: 330-497-9396 Fax: 330-497-0772

Chain of Custody Record

eurofins | Environment Testing

Client Information (Sub Contract Lab)	Sampler: N/A	Lab PM: Kalis, Nicole A	Carrier Tracking No(s): N/A	COC No: 240-192516.1
Client Contact: Shipping/Receiving	Phone: N/A	E-Mail: Nicole.Kalis@et.eurofinsus.com	State of Origin: Ohio	Page: Page 1 of 2
Company: Eurofins Lancaster Laboratories Environm		Accreditations Required (See note): N/A		Job #: 240-213444-1
Address: 2425 New Holland Pike, ,	Due Date Requested: 11/4/2024			
City: Lancaster	TAT Requested (days): N/A			
State, Zip: PA, 17601				
Phone: 717-656-2300(Tel)	PO #: N/A			
Email: N/A	WO #: N/A			
Project Name: MSC Canfield	Project #: 24033889			
Site: N/A	SSOW#: N/A			

Analysis Requested

Preservation Codes: -

Other: N/A

Sample Identification - Client ID (Lab ID)	Sample Date	Sample Time	Sample Type (C=comp, G=grab)	Matrix (W=water, S=solid, O=waste/oil, BT=Tissue, A=Air)	Field Filtered Sample (Yes or No)	Perform MS/MSD (Yes or No)	1677_Free/ASTM_LEACH_NP Cyanide, Free	7196A/3060A Chromium, Hexavalent	Total Number of containers	Special Instructions/Note:
			Preservation Code:							
T2-1000-C-2.0 (240-213444-1)	10/21/24	10:25 Eastern	G	Solid			X	X	2	Use caution! Site contaminated with solvent waste
T2-1000-C-0.0 (240-213444-2)	10/21/24	10:10 Eastern	G	Solid			X	X	2	Use caution! Site contaminated with solvent waste
T2-1000-S-0.0 (240-213444-3)	10/21/24	10:50 Eastern	G	Solid			X	X	2	Use caution! Site contaminated with solvent waste
DUP-1-20241021 (240-213444-4)	10/21/24	Eastern	G	Solid			X	X	2	Use caution! Site contaminated with solvent waste
T2-1000-S-2.0 (240-213444-5)	10/21/24	11:10 Eastern	G	Solid			X	X	2	Use caution! Site contaminated with solvent waste
T2-1000-N-0.0 (240-213444-6)	10/21/24	11:25 Eastern	G	Solid			X	X	2	Use caution! Site contaminated with solvent waste
T2-1125-S-0.0 (240-213444-7)	10/21/24	12:15 Eastern	G	Solid			X	X	2	Use caution! Site contaminated with solvent waste
T2-1125-S-2.0 (240-213444-8)	10/21/24	12:30 Eastern	G	Solid			X	X	2	Use caution! Site contaminated with solvent waste
T2-1125-N-0.0 (240-213444-9)	10/21/24	12:40 Eastern	G	Solid			X	X	2	Use caution! Site contaminated with solvent waste

Note: Since laboratory accreditations are subject to change, Eurofins Environment Testing North Central, LLC places the ownership of method, analyte & accreditation compliance upon our subcontract laboratories. This sample shipment is forwarded under chain-of-custody. If the laboratory does not currently maintain accreditation in the State of Origin listed above for analysis/tests/matrix being analyzed, the samples must be shipped back to the Eurofins Environment Testing North Central, LLC laboratory or other instructions will be provided. Any changes to accreditation status should be brought to Eurofins Environment Testing North Central, LLC attention immediately. If all requested accreditations are current to date, return the signed Chain of Custody attesting to said compliance to Eurofins Environment Testing North Central, LLC.

Possible Hazard Identification	Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)
Unconfirmed	☐ Return To Client ☐ Disposal By Lab ☐ Archive For ____ Months
Deliverable Requested: I, II, III, IV, Other (specify) Primary Deliverable Rank: 2	Special Instructions/QC Requirements:

Empty Kit Relinquished by:	Date:	Time:	Method of Shipment:

Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company
MALISSA LOAR	10-22-24				
Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company
Relinquished by:	Date/Time:	Company	Received by:	Date/Time: 10/23/24 0935	Company ELLET

Custody Seals Intact: Δ Yes Δ No	Custody Seal No.:	Cooler Temperature(s) °C and Other Remarks: 2: 4.5 C: 4.3

HAA

Ver: 10/10/2024

Eurofins Cleveland
180 S. Van Buren Avenue
Barberton, OH 44203
Phone: 330-497-9396 Fax: 330-497-0772

Chain of Custody Record

eurofins | Environment Testing

Client Information (Sub Contract Lab)	Sampler: N/A	Lab PM: Kalis, Nicole A	Carrier Tracking No(s): N/A	COC No: 240-192516.2
Client Contact: Shipping/Receiving	Phone: N/A	E-Mail: Nicole.Kalis@et.eurofinsus.com	State of Origin: Ohio	Page: Page 2 of 2
Company: Eurofins Lancaster Laboratories Environm		Accreditations Required (See note): N/A		Job #: 240-213444-1
Address: 2425 New Holland Pike, ,	Due Date Requested: 11/4/2024			Preservation Codes: -
City: Lancaster	TAT Requested (days): N/A			
State, Zip: PA, 17601				
Phone: 717-656-2300(Tel)	PO #: N/A			
Email: N/A	WO #: N/A			
Project Name: MSC Canfield	Project #: 24033889			
Site: N/A	SSOW#: N/A			Other: N/A

Sample Identification - Client ID (Lab ID)	Sample Date	Sample Time	Sample Type (C=Comp, G=grab)	Matrix (W=water, S=solid, O=waste/oil, BT=Tissue, A=Air)	Field Filtered Sample (Yes or No)	Perform MS/MSD (Yes or No)	1677_Free/ASTM_LEACH_NP Cyanide, Free	7196A/3060A Chromium, Hexavalent	Total Number of containers	Special Instructions/Note:
			Preservation Code:							
T2-1125-N-2.0 (240-213444-10)	10/21/24	12:55 Eastern	G	Solid			X	X	2	Use caution! Site contaminated with solvent waste
T2-1250-S-0.0 (240-213444-11)	10/21/24	13:55 Eastern	G	Solid			X	X	2	Use caution! Site contaminated with solvent waste
T2-1250-S-0.0 (240-213444-11DU)	10/21/24	13:55 Eastern	G	Solid				X	1	Use caution! Site contaminated with solvent waste
T2-1250-S-0.0 (240-213444-11MSI)	10/21/24	13:55 Eastern	G	Solid				X	1	Use caution! Site contaminated with solvent waste
T2-1250-S-0.0 (240-213444-11MSS)	10/21/24	13:55 Eastern	G	Solid				X	1	Use caution! Site contaminated with solvent waste

Note: Since laboratory accreditations are subject to change, Eurofins Environment Testing North Central, LLC places the ownership of method, analyte & accreditation compliance upon our subcontract laboratories. This sample shipment is forwarded under chain-of-custody. If the laboratory does not currently maintain accreditation in the State of Origin listed above for analysis/tests/matrix being analyzed, the samples must be shipped back to the Eurofins Environment Testing North Central, LLC laboratory or other instructions will be provided. Any changes to accreditation status should be brought to Eurofins Environment Testing North Central, LLC attention immediately. If all requested accreditations are current to date, return the signed Chain of Custody attesting to said compliance to Eurofins Environment Testing North Central, LLC.

Possible Hazard Identification	*Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)*
Unconfirmed	☐ *Return To Client* ☐ *Disposal By Lab* ☐ *Archive For* ____ *Months*
Deliverable Requested: I, II, III, IV, Other (specify) Primary Deliverable Rank: 2	Special Instructions/QC Requirements:

Empty Kit Relinquished by:	Date:	Time:	Method of Shipment:

Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company
MALISSA LOAR	10-22-24				
Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company
Relinquished by:	Date/Time:	Company	Received by:	Date/Time: 10/23/24 09:35	Company EUET

Custody Seals Intact: Δ Yes Δ No	Custody Seal No.:	Cooler Temperature(s) °C and Other Remarks: 12: 4.5 C: 4.3

HA

Ver: 10/10/2024

Eurofins Cleveland
180 S. Van Buren Avenue
Barberton, OH 44203
Phone: 330-497-9396 Fax: 330-497-0772

Chain of Custody Record

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Client Information (Sub Contract Lab)	Sampler: N/A	Lab PM: Kalis, Nicole A	Carrier Tracking No(s): N/A	COC No: 240-192726.1
Client Contact: Shipping/Receiving	Phone: N/A	E-Mail: Nicole.Kalis@et.eurofinsus.com	State of Origin: Ohio	Page: Page 1 of 1
Company: Eurofins Lancaster Laboratories Environm		Accreditations Required (See note): N/A		Job #: 240-213444-1
Address: 2425 New Holland Pike, ,	Due Date Requested: 11/4/2024			Preservation Codes: -
City: Lancaster	TAT Requested (days): N/A			
State, Zip: PA, 17601				
Phone: 717-656-2300(Tel)	PO #: N/A			
Email: N/A	WO #: N/A			
Project Name: MSC Canfield - N Ditch Sampling	Project #: 24033889			
Site: N/A	SSOW#: N/A			Other: N/A

Analysis Requested

Sample Identification - Client ID (Lab ID)	Sample Date	Sample Time	Sample Type (C=comp, G=grab)	Matrix (W=water, S=solid, O=waste/oil, BT=Tissue, A=Air)	Field Filtered Sample (Yes or No)	Perform MS/MSD (Yes or No)	1677_Free/ASTM_LEACH_NP Cyanide, Free	Total Number of containers	Special Instructions/Note:
			Preservation Code:						
T2-1250-S-0.0 (240-213444-11MS)	10/21/24	13:55 Eastern	G	Solid			X	1	Use caution! Site contaminated with solvent waste
T2-1250-S-0.0 (240-213444-11MSD)	10/21/24	13:55 Eastern	G	Solid			X	1	Use caution! Site contaminated with solvent waste

Note: Since laboratory accreditations are subject to change, Eurofins Environment Testing North Central, LLC places the ownership of method, analyte & accreditation compliance upon our subcontract laboratories. This sample shipment is forwarded under chain-of-custody. If the laboratory does not currently maintain accreditation in the State of Origin listed above for analysis/tests/matrix being analyzed, the samples must be shipped back to the Eurofins Environment Testing North Central, LLC laboratory or other instructions will be provided. Any changes to accreditation status should be brought to Eurofins Environment Testing North Central, LLC attention immediately. If all requested accreditations are current to date, return the signed Chain of Custody attesting to said compliance to Eurofins Environment Testing North Central, LLC.

Possible Hazard Identification	*Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)*
Unconfirmed	☐ *Return To Client* ☐ *Disposal By Lab* ☐ *Archive For* _____ *Months*
Deliverable Requested: I, II, III, IV, Other (specify) Primary Deliverable Rank: 2	Special Instructions/QC Requirements:

Empty Kit Relinquished by:	Date:	Time:	Method of Shipment:

Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company
Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company
Relinquished by:	Date/Time:	Company	Received by:	Date/Time: 10/26/24 10:10	Company EST

Custody Seals Intact: Δ Yes Δ No	Custody Seal No.:	Cooler Temperature(s) °C and Other Remarks: 1.8 cor 1.6

Login Sample Receipt Checklist

Client: August Mack Environmental, Inc.

Job Number: 240-213444-1

Login Number: 213444
List Number: 2
Creator: Arroyo, Haley

List Source: Eurofins Lancaster Laboratories Environment Testing, LLC
List Creation: 10/23/24 11:24 AM

Question	Answer	Comment
The cooler's custody seal is intact.	N/A	
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	True	
Cooler Temperature acceptable,where thermal pres is required(</=6C, not frozen).	True	
Cooler Temperature is recorded.	True	
WV:Container Temp acceptable,where thermal pres is required (</=6C, not frozen).	N/A	
WV: Container Temperature is recorded.	N/A	
COC is present.	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information.	True	
There are no discrepancies between the containers received and the COC.	True	
Sample containers have legible labels.	True	
Containers are not broken or leaking.	True	
Sample collection date/times are provided.	True	
Appropriate sample containers are used.	True	
Sample bottles are completely filled.	True	
There is sufficient vol. for all requested analyses.	True	
Is the Field Sampler's name present on COC?	False	Received project as a subcontract.
Sample custody seals are intact.	N/A	
VOA sample vials do not have headspace >6mm in diameter (none, if from WV)?	N/A	

Login Sample Receipt Checklist

Client: August Mack Environmental, Inc.

Job Number: 240-213444-1

Login Number: 213444
List Number: 3
Creator: Foreman, Kai

List Source: Eurofins Lancaster Laboratories Environment Testing, LLC
List Creation: 10/26/24 03:55 PM

Question	Answer	Comment
The cooler's custody seal is intact.	True	
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	True	
Cooler Temperature acceptable,where thermal pres is required(</=6C, not frozen).	True	
Cooler Temperature is recorded.	True	
WV:Container Temp acceptable,where thermal pres is required (</=6C, not frozen).	N/A	
WV: Container Temperature is recorded.	N/A	
COC is present.	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information.	True	
There are no discrepancies between the containers received and the COC.	True	
Sample containers have legible labels.	True	
Containers are not broken or leaking.	True	
Sample collection date/times are provided.	True	
Appropriate sample containers are used.	True	
Sample bottles are completely filled.	True	
There is sufficient vol. for all requested analyses.	True	
Is the Field Sampler's name present on COC?	False	Received project as a subcontract.
Sample custody seals are intact.	N/A	
VOA sample vials do not have headspace >6mm in diameter (none, if from WV)?	N/A	

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ANALYTICAL REPORT

PREPARED FOR

Attn: Kain Lager-Lowe
August Mack Environmental, Inc.
7830 North Central Drive, Suite B
Lewis Center, Ohio 43035

Generated 11/6/2024 8:08:42 AM

JOB DESCRIPTION

MSC Canfield - N. Ditch Sampling

JOB NUMBER

240-213542-1

Eurofins Cleveland
180 S. Van Buren Avenue
Barberton OH 44203

See page two for job notes and contact information.

Job Notes

This report may not be reproduced except in full, and with written approval from the laboratory. The results relate only to the samples tested. For questions please contact the Project Manager at the e-mail address or telephone number listed on this page.

The test results in this report relate only to the samples as received by the laboratory and will meet all requirements of the methodology, with any exceptions noted. This report shall not be reproduced except in full, without the express written approval of the laboratory. All questions should be directed to the Eurofins Environment Testing North Central, LLC Project Manager.

Authorization



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11/6/2024 8:08:42 AM

Authorized for release by
Nicole Kalis, Project Manager I
Nicole.Kalis@et.eurofinsus.com
(330)497-9396

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Qualifiers

GC/MS VOA

Qualifier	Qualifier Description
*+	LCS and/or LCSD is outside acceptance limits, high biased.
B	Compound was found in the blank and sample.
J	Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.

GC/MS Semi VOA

Qualifier	Qualifier Description
J	Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.
S1-	Surrogate recovery exceeds control limits, low biased.

Metals

Qualifier	Qualifier Description
F1	MS and/or MSD recovery exceeds control limits.
J	Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.

General Chemistry

Qualifier	Qualifier Description
F3	Duplicate RPD exceeds the control limit
J	Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.

Glossary

Abbreviation	These commonly used abbreviations may or may not be present in this report.
☼	Listed under the "D" column to designate that the result is reported on a dry weight basis
%R	Percent Recovery
CFL	Contains Free Liquid
CFU	Colony Forming Unit
CNF	Contains No Free Liquid
DER	Duplicate Error Ratio (normalized absolute difference)
Dil Fac	Dilution Factor
DL	Detection Limit (DoD/DOE)
DL, RA, RE, IN	Indicates a Dilution, Re-analysis, Re-extraction, or additional Initial metals/anion analysis of the sample
DLC	Decision Level Concentration (Radiochemistry)
EDL	Estimated Detection Limit (Dioxin)
LOD	Limit of Detection (DoD/DOE)
LOQ	Limit of Quantitation (DoD/DOE)
MCL	EPA recommended "Maximum Contaminant Level"
MDA	Minimum Detectable Activity (Radiochemistry)
MDC	Minimum Detectable Concentration (Radiochemistry)
MDL	Method Detection Limit
ML	Minimum Level (Dioxin)
MPN	Most Probable Number
MQL	Method Quantitation Limit
NC	Not Calculated
ND	Not Detected at the reporting limit (or MDL or EDL if shown)
NEG	Negative / Absent
POS	Positive / Present
PQL	Practical Quantitation Limit
PRES	Presumptive
QC	Quality Control
RER	Relative Error Ratio (Radiochemistry)
RL	Reporting Limit or Requested Limit (Radiochemistry)
RPD	Relative Percent Difference, a measure of the relative difference between two points
TEF	Toxicity Equivalent Factor (Dioxin)
TEQ	Toxicity Equivalent Quotient (Dioxin)
TNTC	Too Numerous To Count

Job ID: 240-213542-1 Eurofins Cleveland

Job Narrative
240-213542-1

Analytical test results meet all requirements of the associated regulatory program listed on the Accreditation/Certification Summary Page unless otherwise noted under the individual analysis. Data qualifiers and/or narrative comments are included to explain any exceptions, if applicable.

- Matrix QC may not be reported if insufficient sample is provided or site-specific QC samples were not submitted. In these situations, to demonstrate precision and accuracy at a batch level, a LCS/LCSD may be performed, unless otherwise specified in the method.
- Surrogate and/or isotope dilution analyte recoveries (if applicable) which are outside of the QC window are confirmed unless attributed to a dilution or otherwise noted in the narrative.

Regulated compliance samples (e.g. SDWA, NPDES) must comply with the associated agency requirements/permits.

Receipt
The samples were received on 10/22/2024 4:10 PM. Unless otherwise noted below, the samples arrived in good condition, and, where required, properly preserved and on ice. The temperatures of the 6 coolers at receipt time were 4.4°C, 4.9°C, 5.1°C, 5.9°C, 5.9°C and 6.1°C.

Receipt Exceptions
One container (E-14) for the following sample was received cracked but intact: DUP-3-20241022 (240-213542-14). Sample was not compromised so the container was placed in a plastic bag.

GC/MS VOA
Method 8260D: The method requirement for no headspace was not met. The following volatile samples were analyzed with headspace in the sample container(s): TB-3-20241022 (240-213542-16), TB-4-20241022 (240-213542-17) and TB-5-20241022 (240-213542-18). These samples (only 1 vial) were run on a previous day with a large amount of carryover from previous samples. This analysis was done but it appears there was needle carryover of the cis-1,2-Dichloroethene. Due to insufficient sample these results are submitted.

Method 8260D: The laboratory control sample (LCS) for analytical batch 240-633324 recovered outside control limits for the following analytes: Trichlorofluoromethane. These analytes were biased high in the LCS and were not detected in the associated samples; therefore, the data have been reported.

Method 8260D: The method blank for analytical batch 240-633324 contained cis-1,2-Dichloroethene above the method detection limit. This target analyte concentration was less than the reporting limit (RL) in the method blank; therefore, re-extraction and/or re-analysis of samples was not performed.

Method 8260D: The continuing calibration verification (CCV) analyzed in batch 240-633324 was outside the method criteria for the following analyte(s): 1,1,2-Trichloro-1,2,2-trifluoroethane, Bromomethane and Trichlorofluoromethane. A CCV standard at or below the reporting limit (RL) was analyzed with the affected samples and found to be acceptable. As indicated in the reference method, sample analysis may proceed; however, any detection for the affected analyte(s) is considered estimated.

No additional analytical or quality issues were noted, other than those described above or in the Definitions/ Glossary page.

GC/MS Semi VOA
Method 8270E: Insufficient sample volume was available to perform a matrix spike/matrix spike duplicate (MS/MSD) associated with preparation batch 240-632678.

Method 8270E: Six surrogates are used for this analysis. The laboratory's SOP allows one acid and one base of these surrogates to be outside acceptance criteria without performing re-extraction/re-analysis. The following sample contained an allowable number of surrogate compounds outside limits: DUP-3-20241022 (240-213542-14). These results have been reported and qualified.

No additional analytical or quality issues were noted, other than those described above or in the Definitions/ Glossary page.

Metals
No additional analytical or quality issues were noted, other than those described above or in the Definitions/ Glossary page.

General Chemistry

Job ID: 240-213542-1 (Continued) Eurofins Cleveland

No additional analytical or quality issues were noted, other than those described above or in the Definitions/ Glossary page.

Method Summary

Client: August Mack Environmental, Inc.
Project/Site: MSC Canfield - N. Ditch Sampling

Job ID: 240-213542-1

Method	Method Description	Protocol	Laboratory
8260D	Volatile Organic Compounds by GC/MS	SW846	EET CLE
8270E	Semivolatile Organic Compounds (GC/MS)	SW846	EET CLE
6010D	Metals (ICP)	SW846	EET CLE
7470A	Mercury (CVAA)	SW846	EET CLE
7471B	Mercury (CVAA)	SW846	EET CLE
7196A	Chromium, Hexavalent	SW846	EET CLE
7196A	Chromium, Hexavalent	SW846	ELLE
9012B	Cyanide, Total andor Amenable	SW846	EET CLE
Moisture	Percent Moisture	EPA	EET CLE
OIA-1677	Cyanide, Free (Flow Injection)	OI CORP	ELLE
3005A	Preparation, Total Recoverable or Dissolved Metals	SW846	EET CLE
3050B	Preparation, Metals	SW846	EET CLE
3060A	Alkaline Digestion (Chromium, Hexavalent)	SW846	ELLE
3510C LVI	Liquid-Liquid Extraction (Separatory Funnel) LVI	SW846	EET CLE
3546	Microwave Extraction	SW846	EET CLE
5030C	Purge and Trap	SW846	EET CLE
7470A	Preparation, Mercury	SW846	EET CLE
7471B	Preparation, Mercury	SW846	EET CLE
9012B	Cyanide, Total and/or Amenable, Distillation	SW846	EET CLE
D3987-85	ASTM Leaching Procedure	ASTM	ELLE

Protocol References:

ASTM = ASTM International

EPA = US Environmental Protection Agency

OI CORP = OI Corporation Instrument Manual.

SW846 = "Test Methods For Evaluating Solid Waste, Physical/Chemical Methods", Third Edition, November 1986 And Its Updates.

Laboratory References:

EET CLE = Eurofins Cleveland, 180 S. Van Buren Avenue, Barberton, OH 44203, TEL (330)497-9396

ELLE = Eurofins Lancaster Laboratories Environment Testing, LLC, 2425 New Holland Pike, Lancaster, PA 17601, TEL (717)656-2300

Sample Summary

Client: August Mack Environmental, Inc.
Project/Site: MSC Canfield - N. Ditch Sampling

Job ID: 240-213542-1

Lab Sample ID	Client Sample ID	Matrix	Collected	Received
240-213542-1	T2-1250-S-2.0	Solid	10/22/24 08:20	10/22/24 16:10
240-213542-2	T2-1250-N-0.0	Solid	10/22/24 08:30	10/22/24 16:10
240-213542-3	T2-1250-N-2.0	Solid	10/22/24 08:45	10/22/24 16:10
240-213542-4	T2-1375-N-0.0	Solid	10/22/24 09:35	10/22/24 16:10
240-213542-5	T2-1375-N-2.0	Solid	10/22/24 09:45	10/22/24 16:10
240-213542-6	T2-1375-S-0.0	Solid	10/22/24 09:55	10/22/24 16:10
240-213542-7	DUP-2-20241022	Solid	10/22/24 00:00	10/22/24 16:10
240-213542-8	T2-1375-S-2.0	Solid	10/22/24 10:05	10/22/24 16:10
240-213542-9	T2-1500-S-0.0	Solid	10/22/24 10:50	10/22/24 16:10
240-213542-10	T2-1500-S-2.0	Solid	10/22/24 11:21	10/22/24 16:10
240-213542-11	T2-1500-N-0.0	Solid	10/22/24 11:45	10/22/24 16:10
240-213542-12	T2-1500-N-2.0	Solid	10/22/24 11:55	10/22/24 16:10
240-213542-13	T2-1625-S-0.0	Solid	10/22/24 12:20	10/22/24 16:10
240-213542-14	DUP-3-20241022	Solid	10/22/24 00:00	10/22/24 16:10
240-213542-15	T2-1250-C-SW	Water	10/22/24 09:10	10/22/24 16:10
240-213542-16	TB-3-20241022	Water	10/22/24 14:00	10/22/24 16:10
240-213542-17	TB-4-20241022	Water	10/22/24 14:05	10/22/24 16:10
240-213542-18	TB-5-20241022	Water	10/22/24 14:10	10/22/24 16:10

Detection Summary

Client: August Mack Environmental, Inc.
Project/Site: MSC Canfield - N. Ditch Sampling

Job ID: 240-213542-1

Client Sample ID: T2-1250-S-2.0

Lab Sample ID: 240-213542-1

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Anthracene	27	J	52	16	ug/Kg	1	☼	8270E	Total/NA
Benzo[a]anthracene	170		52	20	ug/Kg	1	☼	8270E	Total/NA
Benzo[a]pyrene	230		52	18	ug/Kg	1	☼	8270E	Total/NA
Benzo[b]fluoranthene	310		52	16	ug/Kg	1	☼	8270E	Total/NA
Benzo[g,h,i]perylene	190		52	35	ug/Kg	1	☼	8270E	Total/NA
Benzo[k]fluoranthene	160		52	13	ug/Kg	1	☼	8270E	Total/NA
Chrysene	280		52	18	ug/Kg	1	☼	8270E	Total/NA
Dibenz(a,h)anthracene	45	J	52	20	ug/Kg	1	☼	8270E	Total/NA
Fluoranthene	520		52	18	ug/Kg	1	☼	8270E	Total/NA
Indeno[1,2,3-cd]pyrene	130		52	16	ug/Kg	1	☼	8270E	Total/NA
Phenanthrene	180		52	17	ug/Kg	1	☼	8270E	Total/NA
Pyrene	430		52	21	ug/Kg	1	☼	8270E	Total/NA
Arsenic	12		1.8	0.38	mg/Kg	1	☼	6010D	Total/NA
Barium	89		24	0.15	mg/Kg	1	☼	6010D	Total/NA
Cadmium	0.091	J	0.60	0.057	mg/Kg	1	☼	6010D	Total/NA
Chromium	20		1.2	0.41	mg/Kg	1	☼	6010D	Total/NA
Copper	19		3.0	0.84	mg/Kg	1	☼	6010D	Total/NA
Lead	15		1.2	0.34	mg/Kg	1	☼	6010D	Total/NA
Zinc	130	F1	6.0	4.3	mg/Kg	1	☼	6010D	Total/NA
Cyanide, Total	43		3.4	2.7	mg/Kg	5	☼	9012B	Total/NA

Client Sample ID: T2-1250-N-0.0

Lab Sample ID: 240-213542-2

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Acenaphthene	27	J	62	22	ug/Kg	1	☼	8270E	Total/NA
Anthracene	79		62	19	ug/Kg	1	☼	8270E	Total/NA
Benzo[a]anthracene	510		62	23	ug/Kg	1	☼	8270E	Total/NA
Benzo[a]pyrene	620		62	22	ug/Kg	1	☼	8270E	Total/NA
Benzo[b]fluoranthene	1200		62	19	ug/Kg	1	☼	8270E	Total/NA
Benzo[g,h,i]perylene	690		62	42	ug/Kg	1	☼	8270E	Total/NA
Benzo[k]fluoranthene	410		62	16	ug/Kg	1	☼	8270E	Total/NA
Chrysene	870		62	22	ug/Kg	1	☼	8270E	Total/NA
Dibenz(a,h)anthracene	100		62	23	ug/Kg	1	☼	8270E	Total/NA
Fluoranthene	1700		62	22	ug/Kg	1	☼	8270E	Total/NA
Fluorene	26	J	62	22	ug/Kg	1	☼	8270E	Total/NA
Indeno[1,2,3-cd]pyrene	510		62	19	ug/Kg	1	☼	8270E	Total/NA
Phenanthrene	550		62	20	ug/Kg	1	☼	8270E	Total/NA
Pyrene	1300		62	25	ug/Kg	1	☼	8270E	Total/NA
Arsenic	11		1.9	0.40	mg/Kg	1	☼	6010D	Total/NA
Barium	60		25	0.16	mg/Kg	1	☼	6010D	Total/NA
Cadmium	0.25	J	0.63	0.061	mg/Kg	1	☼	6010D	Total/NA
Chromium	17		1.3	0.44	mg/Kg	1	☼	6010D	Total/NA
Copper	8.4		3.2	0.89	mg/Kg	1	☼	6010D	Total/NA
Lead	20		1.3	0.36	mg/Kg	1	☼	6010D	Total/NA
Selenium	0.97	J	2.5	0.60	mg/Kg	1	☼	6010D	Total/NA
Zinc	1400		6.3	4.6	mg/Kg	1	☼	6010D	Total/NA
Cyanide, Total	220		23	18	mg/Kg	25	☼	9012B	Total/NA
Cyanide, Free	0.028		0.0060	0.0050	mg/L	1		OIA-1677	ASTM Leach

This Detection Summary does not include radiochemical test results.

Detection Summary

Client: August Mack Environmental, Inc.
Project/Site: MSC Canfield - N. Ditch Sampling

Job ID: 240-213542-1

Client Sample ID: T2-1250-N-2.0 — Lab Sample ID: 240-213542-3

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Arsenic	9.5		1.8	0.39	mg/Kg	1	☼	6010D	Total/NA
Barium	75		25	0.16	mg/Kg	1	☼	6010D	Total/NA
Chromium	22		1.2	0.42	mg/Kg	1	☼	6010D	Total/NA
Copper	18		3.1	0.86	mg/Kg	1	☼	6010D	Total/NA
Lead	9.4		1.2	0.35	mg/Kg	1	☼	6010D	Total/NA
Zinc	71		6.2	4.5	mg/Kg	1	☼	6010D	Total/NA
Cyanide, Total	29		3.0	2.4	mg/Kg	5	☼	9012B	Total/NA
Cyanide, Free	0.012		0.0060	0.0050	mg/L	1		OIA-1677	ASTM Leach

Client Sample ID: T2-1375-N-0.0 — Lab Sample ID: 240-213542-4

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Anthracene	66	J	75	23	ug/Kg	1	☼	8270E	Total/NA
Benzo[a]anthracene	550		75	28	ug/Kg	1	☼	8270E	Total/NA
Benzo[a]pyrene	810		75	26	ug/Kg	1	☼	8270E	Total/NA
Benzo[b]fluoranthene	1300		75	23	ug/Kg	1	☼	8270E	Total/NA
Benzo[g,h,i]perylene	770		75	51	ug/Kg	1	☼	8270E	Total/NA
Benzo[k]fluoranthene	500		75	19	ug/Kg	1	☼	8270E	Total/NA
Chrysene	1000		75	26	ug/Kg	1	☼	8270E	Total/NA
Dibenz(a,h)anthracene	140		75	28	ug/Kg	1	☼	8270E	Total/NA
Fluoranthene	1900		75	26	ug/Kg	1	☼	8270E	Total/NA
Indeno[1,2,3-cd]pyrene	590		75	23	ug/Kg	1	☼	8270E	Total/NA
Naphthalene	28	J	75	24	ug/Kg	1	☼	8270E	Total/NA
Phenanthrene	570		75	24	ug/Kg	1	☼	8270E	Total/NA
Pyrene	1500		75	30	ug/Kg	1	☼	8270E	Total/NA
Arsenic	14		2.7	0.57	mg/Kg	1	☼	6010D	Total/NA
Barium	88		36	0.23	mg/Kg	1	☼	6010D	Total/NA
Cadmium	0.43	J	0.90	0.087	mg/Kg	1	☼	6010D	Total/NA
Chromium	28		1.8	0.62	mg/Kg	1	☼	6010D	Total/NA
Copper	7.8		4.5	1.3	mg/Kg	1	☼	6010D	Total/NA
Lead	29		1.8	0.51	mg/Kg	1	☼	6010D	Total/NA
Zinc	3700		9.0	6.6	mg/Kg	1	☼	6010D	Total/NA
Mercury	0.052	J	0.23	0.041	mg/Kg	1	☼	7471B	Total/NA
Cyanide, Total	350		29	23	mg/Kg	25	☼	9012B	Total/NA
Cyanide, Free	0.035		0.0060	0.0050	mg/L	1		OIA-1677	ASTM Leach

Client Sample ID: T2-1375-N-2.0 — Lab Sample ID: 240-213542-5

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Benzo[a]anthracene	69		50	19	ug/Kg	1	☼	8270E	Total/NA
Benzo[a]pyrene	94		50	18	ug/Kg	1	☼	8270E	Total/NA
Benzo[b]fluoranthene	140		50	15	ug/Kg	1	☼	8270E	Total/NA
Benzo[g,h,i]perylene	74		50	34	ug/Kg	1	☼	8270E	Total/NA
Benzo[k]fluoranthene	40	J	50	13	ug/Kg	1	☼	8270E	Total/NA
Chrysene	110		50	18	ug/Kg	1	☼	8270E	Total/NA
Fluoranthene	170		50	18	ug/Kg	1	☼	8270E	Total/NA
Indeno[1,2,3-cd]pyrene	57		50	15	ug/Kg	1	☼	8270E	Total/NA
Phenanthrene	50		50	16	ug/Kg	1	☼	8270E	Total/NA
Pyrene	140		50	20	ug/Kg	1	☼	8270E	Total/NA
Arsenic	17		1.4	0.29	mg/Kg	1	☼	6010D	Total/NA
Barium	68		18	0.11	mg/Kg	1	☼	6010D	Total/NA
Cadmium	0.083	J	0.45	0.044	mg/Kg	1	☼	6010D	Total/NA

This Detection Summary does not include radiochemical test results.

Client Sample ID: T2-1375-N-2.0 (Continued)

Lab Sample ID: 240-213542-5

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Chromium	16		0.91	0.31	mg/Kg	1	☼	6010D	Total/NA
Copper	18		2.3	0.64	mg/Kg	1	☼	6010D	Total/NA
Lead	11		0.91	0.26	mg/Kg	1	☼	6010D	Total/NA
Zinc	77		4.5	3.3	mg/Kg	1	☼	6010D	Total/NA
Cyanide, Total	5.9		0.61	0.49	mg/Kg	1	☼	9012B	Total/NA
Cyanide, Free	0.0060		0.0060	0.0050	mg/L	1		OIA-1677	ASTM Leach

Client Sample ID: T2-1375-S-0.0

Lab Sample ID: 240-213542-6

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Benzo[a]anthracene	20	J	52	20	ug/Kg	1	☼	8270E	Total/NA
Benzo[a]pyrene	24	J	52	18	ug/Kg	1	☼	8270E	Total/NA
Benzo[b]fluoranthene	46	J	52	16	ug/Kg	1	☼	8270E	Total/NA
Chrysene	34	J	52	18	ug/Kg	1	☼	8270E	Total/NA
Fluoranthene	58		52	18	ug/Kg	1	☼	8270E	Total/NA
Indeno[1,2,3-cd]pyrene	22	J	52	16	ug/Kg	1	☼	8270E	Total/NA
Pyrene	46	J	52	21	ug/Kg	1	☼	8270E	Total/NA
Arsenic	12		1.7	0.35	mg/Kg	1	☼	6010D	Total/NA
Barium	57		22	0.14	mg/Kg	1	☼	6010D	Total/NA
Cadmium	0.071	J	0.56	0.054	mg/Kg	1	☼	6010D	Total/NA
Chromium	16		1.1	0.38	mg/Kg	1	☼	6010D	Total/NA
Copper	18		2.8	0.78	mg/Kg	1	☼	6010D	Total/NA
Lead	11		1.1	0.31	mg/Kg	1	☼	6010D	Total/NA
Zinc	150		5.6	4.0	mg/Kg	1	☼	6010D	Total/NA
Cyanide, Total	21		3.4	2.7	mg/Kg	5	☼	9012B	Total/NA

Client Sample ID: DUP-2-20241022

Lab Sample ID: 240-213542-7

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Benzo[b]fluoranthene	16	J	51	15	ug/Kg	1	☼	8270E	Total/NA
Fluoranthene	24	J	51	18	ug/Kg	1	☼	8270E	Total/NA
Arsenic	14		1.8	0.37	mg/Kg	1	☼	6010D	Total/NA
Barium	47		24	0.15	mg/Kg	1	☼	6010D	Total/NA
Cadmium	0.075	J	0.59	0.057	mg/Kg	1	☼	6010D	Total/NA
Chromium	17		1.2	0.40	mg/Kg	1	☼	6010D	Total/NA
Copper	19		2.9	0.83	mg/Kg	1	☼	6010D	Total/NA
Lead	12		1.2	0.33	mg/Kg	1	☼	6010D	Total/NA
Zinc	79		5.9	4.3	mg/Kg	1	☼	6010D	Total/NA
Cyanide, Total	3.3		0.60	0.47	mg/Kg	1	☼	9012B	Total/NA
Cyanide, Free	0.0093		0.0060	0.0050	mg/L	1		OIA-1677	ASTM Leach

Client Sample ID: T2-1375-S-2.0

Lab Sample ID: 240-213542-8

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Arsenic	11		1.5	0.32	mg/Kg	1	☼	6010D	Total/NA
Barium	68		20	0.13	mg/Kg	1	☼	6010D	Total/NA
Cadmium	0.071	J	0.51	0.049	mg/Kg	1	☼	6010D	Total/NA
Chromium	18		1.0	0.35	mg/Kg	1	☼	6010D	Total/NA
Copper	18		2.6	0.72	mg/Kg	1	☼	6010D	Total/NA
Lead	11		1.0	0.29	mg/Kg	1	☼	6010D	Total/NA
Zinc	72		5.1	3.7	mg/Kg	1	☼	6010D	Total/NA
Cyanide, Total	1.8		0.58	0.46	mg/Kg	1	☼	9012B	Total/NA

This Detection Summary does not include radiochemical test results.

Detection Summary

Client: August Mack Environmental, Inc.
Project/Site: MSC Canfield - N. Ditch Sampling

Job ID: 240-213542-1

Client Sample ID: T2-1500-S-0.0 — Lab Sample ID: 240-213542-9

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Arsenic	11		1.4	0.29	mg/Kg	1	☼	6010D	Total/NA
Barium	93		19	0.12	mg/Kg	1	☼	6010D	Total/NA
Cadmium	0.076	J	0.46	0.044	mg/Kg	1	☼	6010D	Total/NA
Chromium	19		0.93	0.32	mg/Kg	1	☼	6010D	Total/NA
Copper	17		2.3	0.65	mg/Kg	1	☼	6010D	Total/NA
Lead	10		0.93	0.26	mg/Kg	1	☼	6010D	Total/NA
Zinc	80		4.6	3.4	mg/Kg	1	☼	6010D	Total/NA
Cyanide, Total	7.0		0.76	0.61	mg/Kg	1	☼	9012B	Total/NA

Client Sample ID: T2-1500-S-2.0 — Lab Sample ID: 240-213542-10

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Arsenic	13		1.5	0.32	mg/Kg	1	☼	6010D	Total/NA
Barium	68		20	0.13	mg/Kg	1	☼	6010D	Total/NA
Cadmium	0.067	J	0.50	0.048	mg/Kg	1	☼	6010D	Total/NA
Chromium	20		1.0	0.35	mg/Kg	1	☼	6010D	Total/NA
Copper	18		2.5	0.71	mg/Kg	1	☼	6010D	Total/NA
Lead	10		1.0	0.28	mg/Kg	1	☼	6010D	Total/NA
Zinc	61		5.0	3.7	mg/Kg	1	☼	6010D	Total/NA

Client Sample ID: T2-1500-N-0.0 — Lab Sample ID: 240-213542-11

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Acenaphthene	48	J	60	21	ug/Kg	1	☼	8270E	Total/NA
Acenaphthylene	30	J	60	23	ug/Kg	1	☼	8270E	Total/NA
Anthracene	160		60	18	ug/Kg	1	☼	8270E	Total/NA
Benzo[a]anthracene	980		60	23	ug/Kg	1	☼	8270E	Total/NA
Benzo[a]pyrene	1100		60	21	ug/Kg	1	☼	8270E	Total/NA
Benzo[b]fluoranthene	1600		60	18	ug/Kg	1	☼	8270E	Total/NA
Benzo[g,h,i]perylene	880		60	41	ug/Kg	1	☼	8270E	Total/NA
Benzo[k]fluoranthene	570		60	15	ug/Kg	1	☼	8270E	Total/NA
Chrysene	1300		60	21	ug/Kg	1	☼	8270E	Total/NA
Dibenz(a,h)anthracene	140		60	23	ug/Kg	1	☼	8270E	Total/NA
Fluoranthene	2600		60	21	ug/Kg	1	☼	8270E	Total/NA
Fluorene	48	J	60	21	ug/Kg	1	☼	8270E	Total/NA
Indeno[1,2,3-cd]pyrene	680		60	18	ug/Kg	1	☼	8270E	Total/NA
Naphthalene	62		60	20	ug/Kg	1	☼	8270E	Total/NA
Phenanthrene	1000		60	20	ug/Kg	1	☼	8270E	Total/NA
Pyrene	2300		60	24	ug/Kg	1	☼	8270E	Total/NA
Arsenic	8.7		1.7	0.35	mg/Kg	1	☼	6010D	Total/NA
Barium	60		22	0.14	mg/Kg	1	☼	6010D	Total/NA
Cadmium	0.37	J	0.56	0.054	mg/Kg	1	☼	6010D	Total/NA
Chromium	21		1.1	0.38	mg/Kg	1	☼	6010D	Total/NA
Copper	9.9		2.8	0.78	mg/Kg	1	☼	6010D	Total/NA
Lead	23		1.1	0.32	mg/Kg	1	☼	6010D	Total/NA
Selenium	0.55	J	2.2	0.52	mg/Kg	1	☼	6010D	Total/NA
Zinc	1100		5.6	4.1	mg/Kg	1	☼	6010D	Total/NA
Mercury	0.047	J	0.14	0.025	mg/Kg	1	☼	7471B	Total/NA
Cyanide, Total	120		18	15	mg/Kg	25	☼	9012B	Total/NA
Cyanide, Free	0.0059	J	0.0060	0.0050	mg/L	1		OIA-1677	ASTM Leach

This Detection Summary does not include radiochemical test results.

Detection Summary

Client: August Mack Environmental, Inc.
Project/Site: MSC Canfield - N. Ditch Sampling

Job ID: 240-213542-1

Client Sample ID: T2-1500-N-2.0 — Lab Sample ID: 240-213542-12

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Benzo[b]fluoranthene	20	J	48	14	ug/Kg	1	☼	8270E	Total/NA
Chrysene	24	J	48	17	ug/Kg	1	☼	8270E	Total/NA
Fluoranthene	34	J	48	17	ug/Kg	1	☼	8270E	Total/NA
Pyrene	26	J	48	19	ug/Kg	1	☼	8270E	Total/NA
Arsenic	13		1.6	0.33	mg/Kg	1	☼	6010D	Total/NA
Barium	71		21	0.13	mg/Kg	1	☼	6010D	Total/NA
Cadmium	0.064	J	0.52	0.050	mg/Kg	1	☼	6010D	Total/NA
Chromium	15		1.0	0.36	mg/Kg	1	☼	6010D	Total/NA
Copper	17		2.6	0.73	mg/Kg	1	☼	6010D	Total/NA
Lead	9.5		1.0	0.29	mg/Kg	1	☼	6010D	Total/NA
Zinc	66		5.2	3.8	mg/Kg	1	☼	6010D	Total/NA
Cyanide, Total	3.2		0.56	0.44	mg/Kg	1	☼	9012B	Total/NA

Client Sample ID: T2-1625-S-0.0 — Lab Sample ID: 240-213542-13

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Acenaphthene	19	J	52	18	ug/Kg	1	☼	8270E	Total/NA
Anthracene	63		52	16	ug/Kg	1	☼	8270E	Total/NA
Benzo[a]anthracene	390		52	19	ug/Kg	1	☼	8270E	Total/NA
Benzo[a]pyrene	550		52	18	ug/Kg	1	☼	8270E	Total/NA
Benzo[b]fluoranthene	1000		52	16	ug/Kg	1	☼	8270E	Total/NA
Benzo[g,h,i]perylene	570		52	35	ug/Kg	1	☼	8270E	Total/NA
Benzo[k]fluoranthene	300		52	13	ug/Kg	1	☼	8270E	Total/NA
Chrysene	750		52	18	ug/Kg	1	☼	8270E	Total/NA
Dibenz(a,h)anthracene	87		52	19	ug/Kg	1	☼	8270E	Total/NA
Fluoranthene	1300		52	18	ug/Kg	1	☼	8270E	Total/NA
Fluorene	18	J	52	18	ug/Kg	1	☼	8270E	Total/NA
Indeno[1,2,3-cd]pyrene	420		52	16	ug/Kg	1	☼	8270E	Total/NA
Naphthalene	19	J	52	17	ug/Kg	1	☼	8270E	Total/NA
Phenanthrene	410		52	17	ug/Kg	1	☼	8270E	Total/NA
Pyrene	1000		52	21	ug/Kg	1	☼	8270E	Total/NA
Arsenic	7.2		1.7	0.36	mg/Kg	1	☼	6010D	Total/NA
Barium	44		23	0.14	mg/Kg	1	☼	6010D	Total/NA
Cadmium	0.19	J	0.57	0.055	mg/Kg	1	☼	6010D	Total/NA
Chromium	15		1.1	0.39	mg/Kg	1	☼	6010D	Total/NA
Copper	7.3		2.9	0.80	mg/Kg	1	☼	6010D	Total/NA
Lead	15		1.1	0.32	mg/Kg	1	☼	6010D	Total/NA
Zinc	1200		5.7	4.1	mg/Kg	1	☼	6010D	Total/NA
Cyanide, Total	37		3.3	2.6	mg/Kg	5	☼	9012B	Total/NA
Cyanide, Free	0.013		0.0060	0.0050	mg/L	1		OIA-1677	ASTM Leach

Client Sample ID: DUP-3-20241022 — Lab Sample ID: 240-213542-14

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Anthracene	35	J	54	16	ug/Kg	1	☼	8270E	Total/NA
Benzo[a]anthracene	230		54	20	ug/Kg	1	☼	8270E	Total/NA
Benzo[a]pyrene	260		54	19	ug/Kg	1	☼	8270E	Total/NA
Benzo[b]fluoranthene	340		54	16	ug/Kg	1	☼	8270E	Total/NA
Benzo[g,h,i]perylene	220		54	37	ug/Kg	1	☼	8270E	Total/NA
Benzo[k]fluoranthene	180		54	14	ug/Kg	1	☼	8270E	Total/NA
Chrysene	310		54	19	ug/Kg	1	☼	8270E	Total/NA
Dibenz(a,h)anthracene	53	J	54	20	ug/Kg	1	☼	8270E	Total/NA

This Detection Summary does not include radiochemical test results.

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Client Sample ID: DUP-3-20241022 (Continued) — Lab Sample ID: 240-213542-14

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Fluoranthene	720		54	19	ug/Kg	1	☼	8270E	Total/NA
Indeno[1,2,3-cd]pyrene	170		54	16	ug/Kg	1	☼	8270E	Total/NA
Phenanthrene	310		54	18	ug/Kg	1	☼	8270E	Total/NA
Pyrene	550		54	22	ug/Kg	1	☼	8270E	Total/NA
Arsenic	12		1.6	0.33	mg/Kg	1	☼	6010D	Total/NA
Barium	54		21	0.13	mg/Kg	1	☼	6010D	Total/NA
Cadmium	0.15	J	0.52	0.050	mg/Kg	1	☼	6010D	Total/NA
Chromium	14		1.0	0.35	mg/Kg	1	☼	6010D	Total/NA
Copper	10		2.6	0.72	mg/Kg	1	☼	6010D	Total/NA
Lead	18		1.0	0.29	mg/Kg	1	☼	6010D	Total/NA
Zinc	200		5.2	3.7	mg/Kg	1	☼	6010D	Total/NA
Cyanide, Total	35		3.5	2.7	mg/Kg	5	☼	9012B	Total/NA
Cyanide, Free	0.016		0.0060	0.0050	mg/L	1		OIA-1677	ASTM Leach

Client Sample ID: T2-1250-C-SW — Lab Sample ID: 240-213542-15

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Barium	45	J	200	1.3	ug/L	1		6010D	Total Recoverable
Chromium	1.6	J	10	0.76	ug/L	1		6010D	Total Recoverable
Zinc	67		50	23	ug/L	1		6010D	Total Recoverable
Barium	43	J	200	1.3	ug/L	1		6010D	Dissolved
Chromium	1.1	J	10	0.76	ug/L	1		6010D	Dissolved
Zinc	25	J	50	23	ug/L	1		6010D	Dissolved
Cyanide, Total	0.27		0.010	0.0060	mg/L	1		9012B	Total/NA
Cyanide, Free	0.018		0.0060	0.0050	mg/L	1		OIA-1677	Total/NA

Client Sample ID: TB-3-20241022 — Lab Sample ID: 240-213542-16

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
2-Butanone (MEK)	1.9	J	10	1.2	ug/L	1		8260D	Total/NA
cis-1,2-Dichloroethene	2.3	B	1.0	0.46	ug/L	1		8260D	Total/NA
Methylene Chloride	3.3	J	5.0	2.6	ug/L	1		8260D	Total/NA

Client Sample ID: TB-4-20241022 — Lab Sample ID: 240-213542-17

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
2-Butanone (MEK)	1.9	J	10	1.2	ug/L	1		8260D	Total/NA
Acetone	5.6	J	10	5.4	ug/L	1		8260D	Total/NA
cis-1,2-Dichloroethene	1.7	B	1.0	0.46	ug/L	1		8260D	Total/NA
Methylene Chloride	3.2	J	5.0	2.6	ug/L	1		8260D	Total/NA

Client Sample ID: TB-5-20241022 — Lab Sample ID: 240-213542-18

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
2-Butanone (MEK)	2.0	J	10	1.2	ug/L	1		8260D	Total/NA
cis-1,2-Dichloroethene	1.2	B	1.0	0.46	ug/L	1		8260D	Total/NA
Methylene Chloride	2.9	J	5.0	2.6	ug/L	1		8260D	Total/NA

This Detection Summary does not include radiochemical test results.

Client Sample ID: T2-1250-S-2.0
Lab Sample ID: 240-213542-1
Date Collected: 10/22/24 08:20
Matrix: Solid
Date Received: 10/22/24 16:10
Percent Solids: 77.7

Method: SW846 8270E - Semivolatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acenaphthene	ND		52	18	ug/Kg	☼	10/25/24 08:31	10/28/24 10:54	1
Acenaphthylene	ND		52	20	ug/Kg	☼	10/25/24 08:31	10/28/24 10:54	1
Anthracene	**27**	**J**	52	16	ug/Kg	☼	10/25/24 08:31	10/28/24 10:54	1
Benzo[a]anthracene	**170**		52	20	ug/Kg	☼	10/25/24 08:31	10/28/24 10:54	1
Benzo[a]pyrene	**230**		52	18	ug/Kg	☼	10/25/24 08:31	10/28/24 10:54	1
Benzo[b]fluoranthene	**310**		52	16	ug/Kg	☼	10/25/24 08:31	10/28/24 10:54	1
Benzo[g,h,i]perylene	**190**		52	35	ug/Kg	☼	10/25/24 08:31	10/28/24 10:54	1
Benzo[k]fluoranthene	**160**		52	13	ug/Kg	☼	10/25/24 08:31	10/28/24 10:54	1
Chrysene	**280**		52	18	ug/Kg	☼	10/25/24 08:31	10/28/24 10:54	1
Dibenz(a,h)anthracene	**45**	**J**	52	20	ug/Kg	☼	10/25/24 08:31	10/28/24 10:54	1
Fluoranthene	**520**		52	18	ug/Kg	☼	10/25/24 08:31	10/28/24 10:54	1
Fluorene	ND		52	18	ug/Kg	☼	10/25/24 08:31	10/28/24 10:54	1
Indeno[1,2,3-cd]pyrene	**130**		52	16	ug/Kg	☼	10/25/24 08:31	10/28/24 10:54	1
Naphthalene	ND		52	17	ug/Kg	☼	10/25/24 08:31	10/28/24 10:54	1
Phenanthrene	**180**		52	17	ug/Kg	☼	10/25/24 08:31	10/28/24 10:54	1
Pyrene	**430**		52	21	ug/Kg	☼	10/25/24 08:31	10/28/24 10:54	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2,4,6-Tribromophenol (Surr)	*71*		*10 - 120*	*10/25/24 08:31*	*10/28/24 10:54*	*1*
2-Fluorobiphenyl (Surr)	*79*		*36 - 120*	*10/25/24 08:31*	*10/28/24 10:54*	*1*
2-Fluorophenol (Surr)	*77*		*26 - 120*	*10/25/24 08:31*	*10/28/24 10:54*	*1*
Nitrobenzene-d5 (Surr)	*77*		*28 - 120*	*10/25/24 08:31*	*10/28/24 10:54*	*1*
Phenol-d5 (Surr)	*81*		*29 - 120*	*10/25/24 08:31*	*10/28/24 10:54*	*1*
Terphenyl-d14 (Surr)	*76*		*37 - 120*	*10/25/24 08:31*	*10/28/24 10:54*	*1*

Method: SW846 6010D - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	**12**		1.8	0.38	mg/Kg	☼	10/23/24 15:00	10/24/24 22:28	1
Barium	**89**		24	0.15	mg/Kg	☼	10/23/24 15:00	10/24/24 22:28	1
Cadmium	**0.091**	**J**	0.60	0.057	mg/Kg	☼	10/23/24 15:00	10/24/24 22:28	1
Chromium	**20**		1.2	0.41	mg/Kg	☼	10/23/24 15:00	10/24/24 22:28	1
Copper	**19**		3.0	0.84	mg/Kg	☼	10/23/24 15:00	10/24/24 22:28	1
Lead	**15**		1.2	0.34	mg/Kg	☼	10/23/24 15:00	10/24/24 22:28	1
Selenium	ND		2.4	0.56	mg/Kg	☼	10/23/24 15:00	10/24/24 22:28	1
Silver	ND		1.2	0.097	mg/Kg	☼	10/23/24 15:00	10/24/24 22:28	1
Zinc	**130**	**F1**	6.0	4.3	mg/Kg	☼	10/23/24 15:00	10/24/24 22:28	1

Method: SW846 7471B - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	ND		0.14	0.024	mg/Kg	☼	10/23/24 15:00	10/24/24 10:12	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cr (VI) (SW846 7196A)	ND		0.53	0.18	mg/Kg	☼	11/04/24 11:49	11/05/24 18:28	1
Cyanide, Total (SW846 9012B)	**43**		3.4	2.7	mg/Kg	☼	11/01/24 10:13	11/01/24 14:06	5

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Solids (EPA Moisture)	**77.7**		0.1	0.1	%			10/23/24 10:43	1
Percent Moisture (EPA Moisture)	**22.3**		0.1	0.1	%			10/23/24 10:43	1

Client: August Mack Environmental, Inc.
Job ID: 240-213542-1
Project/Site: MSC Canfield - N. Ditch Sampling

Client Sample ID: T2-1250-S-2.0
Lab Sample ID: 240-213542-1
Date Collected: 10/22/24 08:20
Matrix: Solid
Date Received: 10/22/24 16:10
Percent Solids: 77.7

General Chemistry - ASTM Leach

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cyanide, Free (OI CORP OIA-1677)	ND		0.0060	0.0050	mg/L			11/04/24 16:17	1

Client: August Mack Environmental, Inc.
Project/Site: MSC Canfield - N. Ditch Sampling

Job ID: 240-213542-1

Client Sample ID: T2-1250-N-0.0
Date Collected: 10/22/24 08:30
Date Received: 10/22/24 16:10

Lab Sample ID: 240-213542-2
Matrix: Solid
Percent Solids: 64.6

Method: SW846 8270E - Semivolatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acenaphthene	27	J	62	22	ug/Kg	☼	10/25/24 08:31	10/28/24 11:18	1
Acenaphthylene	ND		62	23	ug/Kg	☼	10/25/24 08:31	10/28/24 11:18	1
Anthracene	79		62	19	ug/Kg	☼	10/25/24 08:31	10/28/24 11:18	1
Benzo[a]anthracene	510		62	23	ug/Kg	☼	10/25/24 08:31	10/28/24 11:18	1
Benzo[a]pyrene	620		62	22	ug/Kg	☼	10/25/24 08:31	10/28/24 11:18	1
Benzo[b]fluoranthene	1200		62	19	ug/Kg	☼	10/25/24 08:31	10/28/24 11:18	1
Benzo[g,h,i]perylene	690		62	42	ug/Kg	☼	10/25/24 08:31	10/28/24 11:18	1
Benzo[k]fluoranthene	410		62	16	ug/Kg	☼	10/25/24 08:31	10/28/24 11:18	1
Chrysene	870		62	22	ug/Kg	☼	10/25/24 08:31	10/28/24 11:18	1
Dibenz(a,h)anthracene	100		62	23	ug/Kg	☼	10/25/24 08:31	10/28/24 11:18	1
Fluoranthene	1700		62	22	ug/Kg	☼	10/25/24 08:31	10/28/24 11:18	1
Fluorene	26	J	62	22	ug/Kg	☼	10/25/24 08:31	10/28/24 11:18	1
Indeno[1,2,3-cd]pyrene	510		62	19	ug/Kg	☼	10/25/24 08:31	10/28/24 11:18	1
Naphthalene	ND		62	20	ug/Kg	☼	10/25/24 08:31	10/28/24 11:18	1
Phenanthrene	550		62	20	ug/Kg	☼	10/25/24 08:31	10/28/24 11:18	1
Pyrene	1300		62	25	ug/Kg	☼	10/25/24 08:31	10/28/24 11:18	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2,4,6-Tribromophenol (Surr)	*59*		*10 - 120*	*10/25/24 08:31*	*10/28/24 11:18*	*1*
2-Fluorobiphenyl (Surr)	*76*		*36 - 120*	*10/25/24 08:31*	*10/28/24 11:18*	*1*
2-Fluorophenol (Surr)	*73*		*26 - 120*	*10/25/24 08:31*	*10/28/24 11:18*	*1*
Nitrobenzene-d5 (Surr)	*72*		*28 - 120*	*10/25/24 08:31*	*10/28/24 11:18*	*1*
Phenol-d5 (Surr)	*76*		*29 - 120*	*10/25/24 08:31*	*10/28/24 11:18*	*1*
Terphenyl-d14 (Surr)	*64*		*37 - 120*	*10/25/24 08:31*	*10/28/24 11:18*	*1*

Method: SW846 6010D - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	11		1.9	0.40	mg/Kg	☼	10/23/24 15:00	10/24/24 22:50	1
Barium	60		25	0.16	mg/Kg	☼	10/23/24 15:00	10/24/24 22:50	1
Cadmium	0.25	J	0.63	0.061	mg/Kg	☼	10/23/24 15:00	10/24/24 22:50	1
Chromium	17		1.3	0.44	mg/Kg	☼	10/23/24 15:00	10/24/24 22:50	1
Copper	8.4		3.2	0.89	mg/Kg	☼	10/23/24 15:00	10/24/24 22:50	1
Lead	20		1.3	0.36	mg/Kg	☼	10/23/24 15:00	10/24/24 22:50	1
Selenium	0.97	J	2.5	0.60	mg/Kg	☼	10/23/24 15:00	10/24/24 22:50	1
Silver	ND		1.3	0.10	mg/Kg	☼	10/23/24 15:00	10/24/24 22:50	1
Zinc	1400		6.3	4.6	mg/Kg	☼	10/23/24 15:00	10/25/24 19:52	1

Method: SW846 7471B - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	ND		0.17	0.030	mg/Kg	☼	10/23/24 15:00	10/24/24 10:21	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cr (VI) (SW846 7196A)	ND		0.64	0.21	mg/Kg	☼	11/04/24 11:49	11/05/24 18:28	1
Cyanide, Total (SW846 9012B)	220		23	18	mg/Kg	☼	11/01/24 10:13	11/01/24 12:48	25

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Solids (EPA Moisture)	64.6		0.1	0.1	%			10/23/24 10:43	1
Percent Moisture (EPA Moisture)	35.4		0.1	0.1	%			10/23/24 10:43	1

Client: August Mack Environmental, Inc.
Job ID: 240-213542-1
Project/Site: MSC Canfield - N. Ditch Sampling

Client Sample ID: T2-1250-N-0.0
Lab Sample ID: 240-213542-2
Date Collected: 10/22/24 08:30
Matrix: Solid
Date Received: 10/22/24 16:10
Percent Solids: 64.6

General Chemistry - ASTM Leach

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cyanide, Free (OI CORP OIA-1677)	0.028		0.0060	0.0050	mg/L			11/04/24 16:02	1

Client Sample ID: T2-1250-N-2.0
Lab Sample ID: 240-213542-3
Date Collected: 10/22/24 08:45
Matrix: Solid
Date Received: 10/22/24 16:10
Percent Solids: 78.9

Method: SW846 8270E - Semivolatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acenaphthene	ND		49	17	ug/Kg	☼	10/25/24 08:31	10/28/24 12:05	1
Acenaphthylene	ND		49	19	ug/Kg	☼	10/25/24 08:31	10/28/24 12:05	1
Anthracene	ND		49	15	ug/Kg	☼	10/25/24 08:31	10/28/24 12:05	1
Benzo[a]anthracene	ND		49	19	ug/Kg	☼	10/25/24 08:31	10/28/24 12:05	1
Benzo[a]pyrene	ND		49	17	ug/Kg	☼	10/25/24 08:31	10/28/24 12:05	1
Benzo[b]fluoranthene	ND		49	15	ug/Kg	☼	10/25/24 08:31	10/28/24 12:05	1
Benzo[g,h,i]perylene	ND		49	33	ug/Kg	☼	10/25/24 08:31	10/28/24 12:05	1
Benzo[k]fluoranthene	ND		49	12	ug/Kg	☼	10/25/24 08:31	10/28/24 12:05	1
Chrysene	ND		49	17	ug/Kg	☼	10/25/24 08:31	10/28/24 12:05	1
Dibenz(a,h)anthracene	ND		49	19	ug/Kg	☼	10/25/24 08:31	10/28/24 12:05	1
Fluoranthene	ND		49	17	ug/Kg	☼	10/25/24 08:31	10/28/24 12:05	1
Fluorene	ND		49	17	ug/Kg	☼	10/25/24 08:31	10/28/24 12:05	1
Indeno[1,2,3-cd]pyrene	ND		49	15	ug/Kg	☼	10/25/24 08:31	10/28/24 12:05	1
Naphthalene	ND		49	16	ug/Kg	☼	10/25/24 08:31	10/28/24 12:05	1
Phenanthrene	ND		49	16	ug/Kg	☼	10/25/24 08:31	10/28/24 12:05	1
Pyrene	ND		49	20	ug/Kg	☼	10/25/24 08:31	10/28/24 12:05	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2,4,6-Tribromophenol (Surr)	*41*		*10 - 120*	*10/25/24 08:31*	*10/28/24 12:05*	*1*
2-Fluorobiphenyl (Surr)	*72*		*36 - 120*	*10/25/24 08:31*	*10/28/24 12:05*	*1*
2-Fluorophenol (Surr)	*72*		*26 - 120*	*10/25/24 08:31*	*10/28/24 12:05*	*1*
Nitrobenzene-d5 (Surr)	*72*		*28 - 120*	*10/25/24 08:31*	*10/28/24 12:05*	*1*
Phenol-d5 (Surr)	*77*		*29 - 120*	*10/25/24 08:31*	*10/28/24 12:05*	*1*
Terphenyl-d14 (Surr)	*69*		*37 - 120*	*10/25/24 08:31*	*10/28/24 12:05*	*1*

Method: SW846 6010D - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	**9.5**		1.8	0.39	mg/Kg	☼	10/23/24 15:00	10/24/24 22:55	1
Barium	**75**		25	0.16	mg/Kg	☼	10/23/24 15:00	10/24/24 22:55	1
Cadmium	ND		0.62	0.059	mg/Kg	☼	10/23/24 15:00	10/24/24 22:55	1
Chromium	**22**		1.2	0.42	mg/Kg	☼	10/23/24 15:00	10/24/24 22:55	1
Copper	**18**		3.1	0.86	mg/Kg	☼	10/23/24 15:00	10/24/24 22:55	1
Lead	**9.4**		1.2	0.35	mg/Kg	☼	10/23/24 15:00	10/24/24 22:55	1
Selenium	ND		2.5	0.58	mg/Kg	☼	10/23/24 15:00	10/24/24 22:55	1
Silver	ND		1.2	0.10	mg/Kg	☼	10/23/24 15:00	10/24/24 22:55	1
Zinc	**71**		6.2	4.5	mg/Kg	☼	10/23/24 15:00	10/24/24 22:55	1

Method: SW846 7471B - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	ND		0.11	0.020	mg/Kg	☼	10/23/24 15:00	10/24/24 10:22	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cr (VI) (SW846 7196A)	ND		0.53	0.18	mg/Kg	☼	11/04/24 11:49	11/05/24 18:28	1
Cyanide, Total (SW846 9012B)	**29**		3.0	2.4	mg/Kg	☼	11/01/24 10:13	11/01/24 14:10	5

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Solids (EPA Moisture)	**78.9**		0.1	0.1	%			10/23/24 10:43	1
Percent Moisture (EPA Moisture)	**21.1**		0.1	0.1	%			10/23/24 10:43	1

Client: August Mack Environmental, Inc.
Job ID: 240-213542-1
Project/Site: MSC Canfield - N. Ditch Sampling

Client Sample ID: T2-1250-N-2.0
Lab Sample ID: 240-213542-3
Date Collected: 10/22/24 08:45
Matrix: Solid
Date Received: 10/22/24 16:10
Percent Solids: 78.9

General Chemistry - ASTM Leach

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cyanide, Free (OI CORP OIA-1677)	0.012		0.0060	0.0050	mg/L			11/04/24 15:59	1

Client Sample ID: T2-1375-N-0.0
Lab Sample ID: 240-213542-4
Date Collected: 10/22/24 09:35
Matrix: Solid
Date Received: 10/22/24 16:10
Percent Solids: 52.1

Method: SW846 8270E - Semivolatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acenaphthene	ND		75	26	ug/Kg	☼	10/25/24 08:31	10/28/24 12:52	1
Acenaphthylene	ND		75	28	ug/Kg	☼	10/25/24 08:31	10/28/24 12:52	1
Anthracene	**66**	**J**	75	23	ug/Kg	☼	10/25/24 08:31	10/28/24 12:52	1
Benzo[a]anthracene	**550**		75	28	ug/Kg	☼	10/25/24 08:31	10/28/24 12:52	1
Benzo[a]pyrene	**810**		75	26	ug/Kg	☼	10/25/24 08:31	10/28/24 12:52	1
Benzo[b]fluoranthene	**1300**		75	23	ug/Kg	☼	10/25/24 08:31	10/28/24 12:52	1
Benzo[g,h,i]perylene	**770**		75	51	ug/Kg	☼	10/25/24 08:31	10/28/24 12:52	1
Benzo[k]fluoranthene	**500**		75	19	ug/Kg	☼	10/25/24 08:31	10/28/24 12:52	1
Chrysene	**1000**		75	26	ug/Kg	☼	10/25/24 08:31	10/28/24 12:52	1
Dibenz(a,h)anthracene	**140**		75	28	ug/Kg	☼	10/25/24 08:31	10/28/24 12:52	1
Fluoranthene	**1900**		75	26	ug/Kg	☼	10/25/24 08:31	10/28/24 12:52	1
Fluorene	ND		75	26	ug/Kg	☼	10/25/24 08:31	10/28/24 12:52	1
Indeno[1,2,3-cd]pyrene	**590**		75	23	ug/Kg	☼	10/25/24 08:31	10/28/24 12:52	1
Naphthalene	**28**	**J**	75	24	ug/Kg	☼	10/25/24 08:31	10/28/24 12:52	1
Phenanthrene	**570**		75	24	ug/Kg	☼	10/25/24 08:31	10/28/24 12:52	1
Pyrene	**1500**		75	30	ug/Kg	☼	10/25/24 08:31	10/28/24 12:52	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2,4,6-Tribromophenol (Surr)	*63*		*10 - 120*	*10/25/24 08:31*	*10/28/24 12:52*	*1*
2-Fluorobiphenyl (Surr)	*76*		*36 - 120*	*10/25/24 08:31*	*10/28/24 12:52*	*1*
2-Fluorophenol (Surr)	*72*		*26 - 120*	*10/25/24 08:31*	*10/28/24 12:52*	*1*
Nitrobenzene-d5 (Surr)	*71*		*28 - 120*	*10/25/24 08:31*	*10/28/24 12:52*	*1*
Phenol-d5 (Surr)	*75*		*29 - 120*	*10/25/24 08:31*	*10/28/24 12:52*	*1*
Terphenyl-d14 (Surr)	*60*		*37 - 120*	*10/25/24 08:31*	*10/28/24 12:52*	*1*

Method: SW846 6010D - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	**14**		2.7	0.57	mg/Kg	☼	10/23/24 15:00	10/24/24 22:59	1
Barium	**88**		36	0.23	mg/Kg	☼	10/23/24 15:00	10/24/24 22:59	1
Cadmium	**0.43**	**J**	0.90	0.087	mg/Kg	☼	10/23/24 15:00	10/24/24 22:59	1
Chromium	**28**		1.8	0.62	mg/Kg	☼	10/23/24 15:00	10/24/24 22:59	1
Copper	**7.8**		4.5	1.3	mg/Kg	☼	10/23/24 15:00	10/24/24 22:59	1
Lead	**29**		1.8	0.51	mg/Kg	☼	10/23/24 15:00	10/24/24 22:59	1
Selenium	ND		3.6	0.85	mg/Kg	☼	10/23/24 15:00	10/24/24 22:59	1
Silver	ND		1.8	0.15	mg/Kg	☼	10/23/24 15:00	10/24/24 22:59	1
Zinc	**3700**		9.0	6.6	mg/Kg	☼	10/23/24 15:00	10/25/24 19:57	1

Method: SW846 7471B - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	**0.052**	**J**	0.23	0.041	mg/Kg	☼	10/23/24 15:00	10/24/24 10:24	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cr (VI) (SW846 7196A)	ND		0.78	0.26	mg/Kg	☼	11/04/24 11:49	11/05/24 18:28	1
Cyanide, Total (SW846 9012B)	**350**		29	23	mg/Kg	☼	11/01/24 10:13	11/01/24 12:58	25

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Solids (EPA Moisture)	**52.1**		0.1	0.1	%			10/23/24 15:51	1
Percent Moisture (EPA Moisture)	**47.9**		0.1	0.1	%			10/23/24 15:51	1

Client: August Mack Environmental, Inc.
Job ID: 240-213542-1
Project/Site: MSC Canfield - N. Ditch Sampling

Client Sample ID: T2-1375-N-0.0
Lab Sample ID: 240-213542-4
Date Collected: 10/22/24 09:35
Matrix: Solid
Date Received: 10/22/24 16:10
Percent Solids: 52.1

General Chemistry - ASTM Leach

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cyanide, Free (OI CORP OIA-1677)	0.035		0.0060	0.0050	mg/L			11/04/24 16:19	1

Client: August Mack Environmental, Inc.
Project/Site: MSC Canfield - N. Ditch Sampling

Job ID: 240-213542-1

Client Sample ID: T2-1375-N-2.0
Date Collected: 10/22/24 09:45
Date Received: 10/22/24 16:10

Lab Sample ID: 240-213542-5
Matrix: Solid
Percent Solids: 78.6

Method: SW846 8270E - Semivolatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acenaphthene	ND		50	18	ug/Kg	☼	10/25/24 08:31	10/28/24 12:28	1
Acenaphthylene	ND		50	19	ug/Kg	☼	10/25/24 08:31	10/28/24 12:28	1
Anthracene	ND		50	15	ug/Kg	☼	10/25/24 08:31	10/28/24 12:28	1
Benzo[a]anthracene	**69**		50	19	ug/Kg	☼	10/25/24 08:31	10/28/24 12:28	1
Benzo[a]pyrene	**94**		50	18	ug/Kg	☼	10/25/24 08:31	10/28/24 12:28	1
Benzo[b]fluoranthene	**140**		50	15	ug/Kg	☼	10/25/24 08:31	10/28/24 12:28	1
Benzo[g,h,i]perylene	**74**		50	34	ug/Kg	☼	10/25/24 08:31	10/28/24 12:28	1
Benzo[k]fluoranthene	**40**	**J**	50	13	ug/Kg	☼	10/25/24 08:31	10/28/24 12:28	1
Chrysene	**110**		50	18	ug/Kg	☼	10/25/24 08:31	10/28/24 12:28	1
Dibenz(a,h)anthracene	ND		50	19	ug/Kg	☼	10/25/24 08:31	10/28/24 12:28	1
Fluoranthene	**170**		50	18	ug/Kg	☼	10/25/24 08:31	10/28/24 12:28	1
Fluorene	ND		50	18	ug/Kg	☼	10/25/24 08:31	10/28/24 12:28	1
Indeno[1,2,3-cd]pyrene	**57**		50	15	ug/Kg	☼	10/25/24 08:31	10/28/24 12:28	1
Naphthalene	ND		50	16	ug/Kg	☼	10/25/24 08:31	10/28/24 12:28	1
Phenanthrene	**50**		50	16	ug/Kg	☼	10/25/24 08:31	10/28/24 12:28	1
Pyrene	**140**		50	20	ug/Kg	☼	10/25/24 08:31	10/28/24 12:28	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2,4,6-Tribromophenol (Surr)	*51*		*10 - 120*	*10/25/24 08:31*	*10/28/24 12:28*	*1*
2-Fluorobiphenyl (Surr)	*80*		*36 - 120*	*10/25/24 08:31*	*10/28/24 12:28*	*1*
2-Fluorophenol (Surr)	*79*		*26 - 120*	*10/25/24 08:31*	*10/28/24 12:28*	*1*
Nitrobenzene-d5 (Surr)	*82*		*28 - 120*	*10/25/24 08:31*	*10/28/24 12:28*	*1*
Phenol-d5 (Surr)	*84*		*29 - 120*	*10/25/24 08:31*	*10/28/24 12:28*	*1*
Terphenyl-d14 (Surr)	*76*		*37 - 120*	*10/25/24 08:31*	*10/28/24 12:28*	*1*

Method: SW846 6010D - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	**17**		1.4	0.29	mg/Kg	☼	10/23/24 15:00	10/24/24 23:04	1
Barium	**68**		18	0.11	mg/Kg	☼	10/23/24 15:00	10/24/24 23:04	1
Cadmium	**0.083**	**J**	0.45	0.044	mg/Kg	☼	10/23/24 15:00	10/24/24 23:04	1
Chromium	**16**		0.91	0.31	mg/Kg	☼	10/23/24 15:00	10/24/24 23:04	1
Copper	**18**		2.3	0.64	mg/Kg	☼	10/23/24 15:00	10/24/24 23:04	1
Lead	**11**		0.91	0.26	mg/Kg	☼	10/23/24 15:00	10/24/24 23:04	1
Selenium	ND		1.8	0.43	mg/Kg	☼	10/23/24 15:00	10/24/24 23:04	1
Silver	ND		0.91	0.074	mg/Kg	☼	10/23/24 15:00	10/24/24 23:04	1
Zinc	**77**		4.5	3.3	mg/Kg	☼	10/23/24 15:00	10/24/24 23:04	1

Method: SW846 7471B - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	ND		0.13	0.024	mg/Kg	☼	10/23/24 15:00	10/24/24 10:26	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cr (VI) (SW846 7196A)	ND		0.52	0.17	mg/Kg	☼	11/04/24 11:49	11/05/24 18:28	1
Cyanide, Total (SW846 9012B)	**5.9**		0.61	0.49	mg/Kg	☼	11/01/24 10:13	11/01/24 12:59	1

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Solids (EPA Moisture)	**78.6**		0.1	0.1	%			10/23/24 15:51	1
Percent Moisture (EPA Moisture)	**21.4**		0.1	0.1	%			10/23/24 15:51	1

Client: August Mack Environmental, Inc.
Job ID: 240-213542-1
Project/Site: MSC Canfield - N. Ditch Sampling

Client Sample ID: T2-1375-N-2.0
Lab Sample ID: 240-213542-5
Date Collected: 10/22/24 09:45
Matrix: Solid
Date Received: 10/22/24 16:10
Percent Solids: 78.6

General Chemistry - ASTM Leach

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cyanide, Free (OI CORP OIA-1677)	0.0060		0.0060	0.0050	mg/L			11/04/24 16:04	1

Client Sample ID: T2-1375-S-0.0
Lab Sample ID: 240-213542-6
Date Collected: 10/22/24 09:55
Matrix: Solid
Date Received: 10/22/24 16:10
Percent Solids: 75.9

Method: SW846 8270E - Semivolatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acenaphthene	ND		52	18	ug/Kg	☼	10/25/24 08:31	10/28/24 13:16	1
Acenaphthylene	ND		52	20	ug/Kg	☼	10/25/24 08:31	10/28/24 13:16	1
Anthracene	ND		52	16	ug/Kg	☼	10/25/24 08:31	10/28/24 13:16	1
Benzo[a]anthracene	**20**	**J**	52	20	ug/Kg	☼	10/25/24 08:31	10/28/24 13:16	1
Benzo[a]pyrene	**24**	**J**	52	18	ug/Kg	☼	10/25/24 08:31	10/28/24 13:16	1
Benzo[b]fluoranthene	**46**	**J**	52	16	ug/Kg	☼	10/25/24 08:31	10/28/24 13:16	1
Benzo[g,h,i]perylene	ND		52	35	ug/Kg	☼	10/25/24 08:31	10/28/24 13:16	1
Benzo[k]fluoranthene	ND		52	13	ug/Kg	☼	10/25/24 08:31	10/28/24 13:16	1
Chrysene	**34**	**J**	52	18	ug/Kg	☼	10/25/24 08:31	10/28/24 13:16	1
Dibenz(a,h)anthracene	ND		52	20	ug/Kg	☼	10/25/24 08:31	10/28/24 13:16	1
Fluoranthene	**58**		52	18	ug/Kg	☼	10/25/24 08:31	10/28/24 13:16	1
Fluorene	ND		52	18	ug/Kg	☼	10/25/24 08:31	10/28/24 13:16	1
Indeno[1,2,3-cd]pyrene	**22**	**J**	52	16	ug/Kg	☼	10/25/24 08:31	10/28/24 13:16	1
Naphthalene	ND		52	17	ug/Kg	☼	10/25/24 08:31	10/28/24 13:16	1
Phenanthrene	ND		52	17	ug/Kg	☼	10/25/24 08:31	10/28/24 13:16	1
Pyrene	**46**	**J**	52	21	ug/Kg	☼	10/25/24 08:31	10/28/24 13:16	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2,4,6-Tribromophenol (Surr)	*48*		*10 - 120*	*10/25/24 08:31*	*10/28/24 13:16*	*1*
2-Fluorobiphenyl (Surr)	*80*		*36 - 120*	*10/25/24 08:31*	*10/28/24 13:16*	*1*
2-Fluorophenol (Surr)	*83*		*26 - 120*	*10/25/24 08:31*	*10/28/24 13:16*	*1*
Nitrobenzene-d5 (Surr)	*83*		*28 - 120*	*10/25/24 08:31*	*10/28/24 13:16*	*1*
Phenol-d5 (Surr)	*86*		*29 - 120*	*10/25/24 08:31*	*10/28/24 13:16*	*1*
Terphenyl-d14 (Surr)	*79*		*37 - 120*	*10/25/24 08:31*	*10/28/24 13:16*	*1*

Method: SW846 6010D - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	**12**		1.7	0.35	mg/Kg	☼	10/23/24 15:00	10/24/24 23:08	1
Barium	**57**		22	0.14	mg/Kg	☼	10/23/24 15:00	10/24/24 23:08	1
Cadmium	**0.071**	**J**	0.56	0.054	mg/Kg	☼	10/23/24 15:00	10/24/24 23:08	1
Chromium	**16**		1.1	0.38	mg/Kg	☼	10/23/24 15:00	10/24/24 23:08	1
Copper	**18**		2.8	0.78	mg/Kg	☼	10/23/24 15:00	10/24/24 23:08	1
Lead	**11**		1.1	0.31	mg/Kg	☼	10/23/24 15:00	10/24/24 23:08	1
Selenium	ND		2.2	0.52	mg/Kg	☼	10/23/24 15:00	10/24/24 23:08	1
Silver	ND		1.1	0.090	mg/Kg	☼	10/23/24 15:00	10/24/24 23:08	1
Zinc	**150**		5.6	4.0	mg/Kg	☼	10/23/24 15:00	10/24/24 23:08	1

Method: SW846 7471B - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	ND		0.13	0.023	mg/Kg	☼	10/23/24 15:00	10/24/24 10:28	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cr (VI) (SW846 7196A)	ND		0.54	0.18	mg/Kg	☼	11/04/24 11:49	11/05/24 18:28	1
Cyanide, Total (SW846 9012B)	**21**		3.4	2.7	mg/Kg	☼	11/01/24 10:13	11/01/24 14:14	5

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Solids (EPA Moisture)	**75.9**		0.1	0.1	%			10/23/24 15:51	1
Percent Moisture (EPA Moisture)	**24.1**		0.1	0.1	%			10/23/24 15:51	1

Client: August Mack Environmental, Inc.
Job ID: 240-213542-1
Project/Site: MSC Canfield - N. Ditch Sampling

Client Sample ID: T2-1375-S-0.0
Lab Sample ID: 240-213542-6
Date Collected: 10/22/24 09:55
Matrix: Solid
Date Received: 10/22/24 16:10
Percent Solids: 75.9

General Chemistry - ASTM Leach

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cyanide, Free (OI CORP OIA-1677)	ND		0.0060	0.0050	mg/L			11/04/24 16:09	1

Client: August Mack Environmental, Inc.
Project/Site: MSC Canfield - N. Ditch Sampling

Job ID: 240-213542-1

Client Sample ID: DUP-2-20241022

Date Collected: 10/22/24 00:00
Date Received: 10/22/24 16:10

Lab Sample ID: 240-213542-7

Matrix: Solid
Percent Solids: 77.8

Method: SW846 8270E - Semivolatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acenaphthene	ND		51	18	ug/Kg	☼	10/25/24 08:31	10/28/24 14:26	1
Acenaphthylene	ND		51	19	ug/Kg	☼	10/25/24 08:31	10/28/24 14:26	1
Anthracene	ND		51	15	ug/Kg	☼	10/25/24 08:31	10/28/24 14:26	1
Benzo[a]anthracene	ND		51	19	ug/Kg	☼	10/25/24 08:31	10/28/24 14:26	1
Benzo[a]pyrene	ND		51	18	ug/Kg	☼	10/25/24 08:31	10/28/24 14:26	1
Benzo[b]fluoranthene	**16**	**J**	51	15	ug/Kg	☼	10/25/24 08:31	10/28/24 14:26	1
Benzo[g,h,i]perylene	ND		51	34	ug/Kg	☼	10/25/24 08:31	10/28/24 14:26	1
Benzo[k]fluoranthene	ND		51	13	ug/Kg	☼	10/25/24 08:31	10/28/24 14:26	1
Chrysene	ND		51	18	ug/Kg	☼	10/25/24 08:31	10/28/24 14:26	1
Dibenz(a,h)anthracene	ND		51	19	ug/Kg	☼	10/25/24 08:31	10/28/24 14:26	1
Fluoranthene	**24**	**J**	51	18	ug/Kg	☼	10/25/24 08:31	10/28/24 14:26	1
Fluorene	ND		51	18	ug/Kg	☼	10/25/24 08:31	10/28/24 14:26	1
Indeno[1,2,3-cd]pyrene	ND		51	15	ug/Kg	☼	10/25/24 08:31	10/28/24 14:26	1
Naphthalene	ND		51	16	ug/Kg	☼	10/25/24 08:31	10/28/24 14:26	1
Phenanthrene	ND		51	16	ug/Kg	☼	10/25/24 08:31	10/28/24 14:26	1
Pyrene	ND		51	20	ug/Kg	☼	10/25/24 08:31	10/28/24 14:26	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2,4,6-Tribromophenol (Surr)	*42*		*10 - 120*	*10/25/24 08:31*	*10/28/24 14:26*	*1*
2-Fluorobiphenyl (Surr)	*76*		*36 - 120*	*10/25/24 08:31*	*10/28/24 14:26*	*1*
2-Fluorophenol (Surr)	*76*		*26 - 120*	*10/25/24 08:31*	*10/28/24 14:26*	*1*
Nitrobenzene-d5 (Surr)	*75*		*28 - 120*	*10/25/24 08:31*	*10/28/24 14:26*	*1*
Phenol-d5 (Surr)	*78*		*29 - 120*	*10/25/24 08:31*	*10/28/24 14:26*	*1*
Terphenyl-d14 (Surr)	*71*		*37 - 120*	*10/25/24 08:31*	*10/28/24 14:26*	*1*

Method: SW846 6010D - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	**14**		1.8	0.37	mg/Kg	☼	10/23/24 15:00	10/24/24 23:22	1
Barium	**47**		24	0.15	mg/Kg	☼	10/23/24 15:00	10/24/24 23:22	1
Cadmium	**0.075**	**J**	0.59	0.057	mg/Kg	☼	10/23/24 15:00	10/24/24 23:22	1
Chromium	**17**		1.2	0.40	mg/Kg	☼	10/23/24 15:00	10/24/24 23:22	1
Copper	**19**		2.9	0.83	mg/Kg	☼	10/23/24 15:00	10/24/24 23:22	1
Lead	**12**		1.2	0.33	mg/Kg	☼	10/23/24 15:00	10/24/24 23:22	1
Selenium	ND		2.4	0.55	mg/Kg	☼	10/23/24 15:00	10/24/24 23:22	1
Silver	ND		1.2	0.096	mg/Kg	☼	10/23/24 15:00	10/24/24 23:22	1
Zinc	**79**		5.9	4.3	mg/Kg	☼	10/23/24 15:00	10/24/24 23:22	1

Method: SW846 7471B - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	ND		0.13	0.023	mg/Kg	☼	10/23/24 15:00	10/24/24 10:29	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cr (VI) (SW846 7196A)	ND		0.54	0.18	mg/Kg	☼	11/04/24 11:49	11/05/24 18:28	1
Cyanide, Total (SW846 9012B)	**3.3**		0.60	0.47	mg/Kg	☼	11/01/24 10:13	11/01/24 13:03	1

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Solids (EPA Moisture)	**77.8**		0.1	0.1	%			10/23/24 15:51	1
Percent Moisture (EPA Moisture)	**22.2**		0.1	0.1	%			10/23/24 15:51	1

Client: August Mack Environmental, Inc.
Project/Site: MSC Canfield - N. Ditch Sampling

Job ID: 240-213542-1

Client Sample ID: DUP-2-20241022
Date Collected: 10/22/24 00:00
Date Received: 10/22/24 16:10

Lab Sample ID: 240-213542-7
Matrix: Solid
Percent Solids: 77.8

General Chemistry - ASTM Leach

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cyanide, Free (OI CORP OIA-1677)	0.0093		0.0060	0.0050	mg/L			11/04/24 16:07	1

Client Sample ID: T2-1375-S-2.0
Date Collected: 10/22/24 10:05
Date Received: 10/22/24 16:10

Lab Sample ID: 240-213542-8
Matrix: Solid
Percent Solids: 79.7

Method: SW846 8270E - Semivolatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acenaphthene	ND		52	18	ug/Kg	☼	10/25/24 08:31	10/28/24 13:39	1
Acenaphthylene	ND		52	19	ug/Kg	☼	10/25/24 08:31	10/28/24 13:39	1
Anthracene	ND		52	16	ug/Kg	☼	10/25/24 08:31	10/28/24 13:39	1
Benzo[a]anthracene	ND		52	19	ug/Kg	☼	10/25/24 08:31	10/28/24 13:39	1
Benzo[a]pyrene	ND		52	18	ug/Kg	☼	10/25/24 08:31	10/28/24 13:39	1
Benzo[b]fluoranthene	ND		52	16	ug/Kg	☼	10/25/24 08:31	10/28/24 13:39	1
Benzo[g,h,i]perylene	ND		52	35	ug/Kg	☼	10/25/24 08:31	10/28/24 13:39	1
Benzo[k]fluoranthene	ND		52	13	ug/Kg	☼	10/25/24 08:31	10/28/24 13:39	1
Chrysene	ND		52	18	ug/Kg	☼	10/25/24 08:31	10/28/24 13:39	1
Dibenz(a,h)anthracene	ND		52	19	ug/Kg	☼	10/25/24 08:31	10/28/24 13:39	1
Fluoranthene	ND		52	18	ug/Kg	☼	10/25/24 08:31	10/28/24 13:39	1
Fluorene	ND		52	18	ug/Kg	☼	10/25/24 08:31	10/28/24 13:39	1
Indeno[1,2,3-cd]pyrene	ND		52	16	ug/Kg	☼	10/25/24 08:31	10/28/24 13:39	1
Naphthalene	ND		52	17	ug/Kg	☼	10/25/24 08:31	10/28/24 13:39	1
Phenanthrene	ND		52	17	ug/Kg	☼	10/25/24 08:31	10/28/24 13:39	1
Pyrene	ND		52	21	ug/Kg	☼	10/25/24 08:31	10/28/24 13:39	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2,4,6-Tribromophenol (Surr)	*44*		*10 - 120*	*10/25/24 08:31*	*10/28/24 13:39*	*1*
2-Fluorobiphenyl (Surr)	*75*		*36 - 120*	*10/25/24 08:31*	*10/28/24 13:39*	*1*
2-Fluorophenol (Surr)	*73*		*26 - 120*	*10/25/24 08:31*	*10/28/24 13:39*	*1*
Nitrobenzene-d5 (Surr)	*69*		*28 - 120*	*10/25/24 08:31*	*10/28/24 13:39*	*1*
Phenol-d5 (Surr)	*77*		*29 - 120*	*10/25/24 08:31*	*10/28/24 13:39*	*1*
Terphenyl-d14 (Surr)	*73*		*37 - 120*	*10/25/24 08:31*	*10/28/24 13:39*	*1*

Method: SW846 6010D - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	**11**		1.5	0.32	mg/Kg	☼	10/23/24 15:00	10/24/24 23:26	1
Barium	**68**		20	0.13	mg/Kg	☼	10/23/24 15:00	10/24/24 23:26	1
Cadmium	**0.071**	**J**	0.51	0.049	mg/Kg	☼	10/23/24 15:00	10/24/24 23:26	1
Chromium	**18**		1.0	0.35	mg/Kg	☼	10/23/24 15:00	10/24/24 23:26	1
Copper	**18**		2.6	0.72	mg/Kg	☼	10/23/24 15:00	10/24/24 23:26	1
Lead	**11**		1.0	0.29	mg/Kg	☼	10/23/24 15:00	10/24/24 23:26	1
Selenium	ND		2.0	0.48	mg/Kg	☼	10/23/24 15:00	10/24/24 23:26	1
Silver	ND		1.0	0.083	mg/Kg	☼	10/23/24 15:00	10/24/24 23:26	1
Zinc	**72**		5.1	3.7	mg/Kg	☼	10/23/24 15:00	10/24/24 23:26	1

Method: SW846 7471B - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	ND		0.11	0.020	mg/Kg	☼	10/23/24 15:00	10/24/24 10:31	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cr (VI) (SW846 7196A)	ND		0.52	0.17	mg/Kg	☼	11/04/24 11:49	11/05/24 18:28	1
Cyanide, Total (SW846 9012B)	**1.8**		0.58	0.46	mg/Kg	☼	11/01/24 10:13	11/01/24 13:05	1

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Solids (EPA Moisture)	**79.7**		0.1	0.1	%			10/23/24 15:51	1
Percent Moisture (EPA Moisture)	**20.3**		0.1	0.1	%			10/23/24 15:51	1

Client: August Mack Environmental, Inc.
Job ID: 240-213542-1
Project/Site: MSC Canfield - N. Ditch Sampling

Client Sample ID: T2-1375-S-2.0
Lab Sample ID: 240-213542-8
Date Collected: 10/22/24 10:05
Matrix: Solid
Date Received: 10/22/24 16:10
Percent Solids: 79.7

General Chemistry - ASTM Leach

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cyanide, Free (OI CORP OIA-1677)	ND		0.0060	0.0050	mg/L			11/05/24 13:41	1

Client Sample ID: T2-1500-S-0.0
Date Collected: 10/22/24 10:50
Date Received: 10/22/24 16:10

Lab Sample ID: 240-213542-9
Matrix: Solid
Percent Solids: 81.8

Method: SW846 8270E - Semivolatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acenaphthene	ND		48	17	ug/Kg	☼	10/25/24 08:31	10/28/24 14:50	1
Acenaphthylene	ND		48	18	ug/Kg	☼	10/25/24 08:31	10/28/24 14:50	1
Anthracene	ND		48	14	ug/Kg	☼	10/25/24 08:31	10/28/24 14:50	1
Benzo[a]anthracene	ND		48	18	ug/Kg	☼	10/25/24 08:31	10/28/24 14:50	1
Benzo[a]pyrene	ND		48	17	ug/Kg	☼	10/25/24 08:31	10/28/24 14:50	1
Benzo[b]fluoranthene	ND		48	14	ug/Kg	☼	10/25/24 08:31	10/28/24 14:50	1
Benzo[g,h,i]perylene	ND		48	32	ug/Kg	☼	10/25/24 08:31	10/28/24 14:50	1
Benzo[k]fluoranthene	ND		48	12	ug/Kg	☼	10/25/24 08:31	10/28/24 14:50	1
Chrysene	ND		48	17	ug/Kg	☼	10/25/24 08:31	10/28/24 14:50	1
Dibenz(a,h)anthracene	ND		48	18	ug/Kg	☼	10/25/24 08:31	10/28/24 14:50	1
Fluoranthene	ND		48	17	ug/Kg	☼	10/25/24 08:31	10/28/24 14:50	1
Fluorene	ND		48	17	ug/Kg	☼	10/25/24 08:31	10/28/24 14:50	1
Indeno[1,2,3-cd]pyrene	ND		48	14	ug/Kg	☼	10/25/24 08:31	10/28/24 14:50	1
Naphthalene	ND		48	16	ug/Kg	☼	10/25/24 08:31	10/28/24 14:50	1
Phenanthrene	ND		48	16	ug/Kg	☼	10/25/24 08:31	10/28/24 14:50	1
Pyrene	ND		48	19	ug/Kg	☼	10/25/24 08:31	10/28/24 14:50	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2,4,6-Tribromophenol (Surr)	*52*		*10 - 120*	*10/25/24 08:31*	*10/28/24 14:50*	*1*
2-Fluorobiphenyl (Surr)	*78*		*36 - 120*	*10/25/24 08:31*	*10/28/24 14:50*	*1*
2-Fluorophenol (Surr)	*77*		*26 - 120*	*10/25/24 08:31*	*10/28/24 14:50*	*1*
Nitrobenzene-d5 (Surr)	*78*		*28 - 120*	*10/25/24 08:31*	*10/28/24 14:50*	*1*
Phenol-d5 (Surr)	*80*		*29 - 120*	*10/25/24 08:31*	*10/28/24 14:50*	*1*
Terphenyl-d14 (Surr)	*75*		*37 - 120*	*10/25/24 08:31*	*10/28/24 14:50*	*1*

Method: SW846 6010D - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	**11**		1.4	0.29	mg/Kg	☼	10/23/24 15:00	10/24/24 23:31	1
Barium	**93**		19	0.12	mg/Kg	☼	10/23/24 15:00	10/24/24 23:31	1
Cadmium	**0.076**	**J**	0.46	0.044	mg/Kg	☼	10/23/24 15:00	10/24/24 23:31	1
Chromium	**19**		0.93	0.32	mg/Kg	☼	10/23/24 15:00	10/24/24 23:31	1
Copper	**17**		2.3	0.65	mg/Kg	☼	10/23/24 15:00	10/24/24 23:31	1
Lead	**10**		0.93	0.26	mg/Kg	☼	10/23/24 15:00	10/24/24 23:31	1
Selenium	ND		1.9	0.43	mg/Kg	☼	10/23/24 15:00	10/24/24 23:31	1
Silver	ND		0.93	0.075	mg/Kg	☼	10/23/24 15:00	10/24/24 23:31	1
Zinc	**80**		4.6	3.4	mg/Kg	☼	10/23/24 15:00	10/24/24 23:31	1

Method: SW846 7471B - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	ND		0.14	0.024	mg/Kg	☼	10/23/24 15:00	10/24/24 10:33	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cr (VI) (SW846 7196A)	ND		0.50	0.17	mg/Kg	☼	11/04/24 11:49	11/05/24 18:28	1
Cyanide, Total (SW846 9012B)	**7.0**		0.76	0.61	mg/Kg	☼	11/01/24 10:13	11/01/24 13:17	1

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Solids (EPA Moisture)	**81.8**		0.1	0.1	%			10/23/24 15:51	1
Percent Moisture (EPA Moisture)	**18.2**		0.1	0.1	%			10/23/24 15:51	1

Client: August Mack Environmental, Inc.
Job ID: 240-213542-1
Project/Site: MSC Canfield - N. Ditch Sampling

Client Sample ID: T2-1500-S-0.0
Lab Sample ID: 240-213542-9
Date Collected: 10/22/24 10:50
Matrix: Solid
Date Received: 10/22/24 16:10
Percent Solids: 81.8

General Chemistry - ASTM Leach

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cyanide, Free (OI CORP OIA-1677)	ND		0.0060	0.0050	mg/L			11/05/24 13:23	1

Client Sample ID: T2-1500-S-2.0
Lab Sample ID: 240-213542-10
Date Collected: 10/22/24 11:21
Matrix: Solid
Date Received: 10/22/24 16:10
Percent Solids: 78.2

Method: SW846 8270E - Semivolatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acenaphthene	ND		50	18	ug/Kg	☼	10/25/24 08:31	10/28/24 14:03	1
Acenaphthylene	ND		50	19	ug/Kg	☼	10/25/24 08:31	10/28/24 14:03	1
Anthracene	ND		50	15	ug/Kg	☼	10/25/24 08:31	10/28/24 14:03	1
Benzo[a]anthracene	ND		50	19	ug/Kg	☼	10/25/24 08:31	10/28/24 14:03	1
Benzo[a]pyrene	ND		50	18	ug/Kg	☼	10/25/24 08:31	10/28/24 14:03	1
Benzo[b]fluoranthene	ND		50	15	ug/Kg	☼	10/25/24 08:31	10/28/24 14:03	1
Benzo[g,h,i]perylene	ND		50	34	ug/Kg	☼	10/25/24 08:31	10/28/24 14:03	1
Benzo[k]fluoranthene	ND		50	13	ug/Kg	☼	10/25/24 08:31	10/28/24 14:03	1
Chrysene	ND		50	18	ug/Kg	☼	10/25/24 08:31	10/28/24 14:03	1
Dibenz(a,h)anthracene	ND		50	19	ug/Kg	☼	10/25/24 08:31	10/28/24 14:03	1
Fluoranthene	ND		50	18	ug/Kg	☼	10/25/24 08:31	10/28/24 14:03	1
Fluorene	ND		50	18	ug/Kg	☼	10/25/24 08:31	10/28/24 14:03	1
Indeno[1,2,3-cd]pyrene	ND		50	15	ug/Kg	☼	10/25/24 08:31	10/28/24 14:03	1
Naphthalene	ND		50	16	ug/Kg	☼	10/25/24 08:31	10/28/24 14:03	1
Phenanthrene	ND		50	16	ug/Kg	☼	10/25/24 08:31	10/28/24 14:03	1
Pyrene	ND		50	20	ug/Kg	☼	10/25/24 08:31	10/28/24 14:03	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2,4,6-Tribromophenol (Surr)	*50*		*10 - 120*	*10/25/24 08:31*	*10/28/24 14:03*	*1*
2-Fluorobiphenyl (Surr)	*70*		*36 - 120*	*10/25/24 08:31*	*10/28/24 14:03*	*1*
2-Fluorophenol (Surr)	*74*		*26 - 120*	*10/25/24 08:31*	*10/28/24 14:03*	*1*
Nitrobenzene-d5 (Surr)	*75*		*28 - 120*	*10/25/24 08:31*	*10/28/24 14:03*	*1*
Phenol-d5 (Surr)	*81*		*29 - 120*	*10/25/24 08:31*	*10/28/24 14:03*	*1*
Terphenyl-d14 (Surr)	*60*		*37 - 120*	*10/25/24 08:31*	*10/28/24 14:03*	*1*

Method: SW846 6010D - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	**13**		1.5	0.32	mg/Kg	☼	10/23/24 15:00	10/24/24 23:35	1
Barium	**68**		20	0.13	mg/Kg	☼	10/23/24 15:00	10/24/24 23:35	1
Cadmium	**0.067**	**J**	0.50	0.048	mg/Kg	☼	10/23/24 15:00	10/24/24 23:35	1
Chromium	**20**		1.0	0.35	mg/Kg	☼	10/23/24 15:00	10/24/24 23:35	1
Copper	**18**		2.5	0.71	mg/Kg	☼	10/23/24 15:00	10/24/24 23:35	1
Lead	**10**		1.0	0.28	mg/Kg	☼	10/23/24 15:00	10/24/24 23:35	1
Selenium	ND		2.0	0.47	mg/Kg	☼	10/23/24 15:00	10/24/24 23:35	1
Silver	ND		1.0	0.082	mg/Kg	☼	10/23/24 15:00	10/24/24 23:35	1
Zinc	**61**		5.0	3.7	mg/Kg	☼	10/23/24 15:00	10/24/24 23:35	1

Method: SW846 7471B - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	ND		0.12	0.022	mg/Kg	☼	10/23/24 15:00	10/24/24 10:38	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cr (VI) (SW846 7196A)	ND		0.52	0.17	mg/Kg	☼	11/04/24 11:49	11/05/24 18:28	1
Cyanide, Total (SW846 9012B)	ND		0.53	0.42	mg/Kg	☼	11/01/24 10:13	11/01/24 13:19	1

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Solids (EPA Moisture)	**78.2**		0.1	0.1	%			10/23/24 15:51	1
Percent Moisture (EPA Moisture)	**21.8**		0.1	0.1	%			10/23/24 15:51	1

Client: August Mack Environmental, Inc.
Job ID: 240-213542-1
Project/Site: MSC Canfield - N. Ditch Sampling

Client Sample ID: T2-1500-S-2.0
Lab Sample ID: 240-213542-10
Date Collected: 10/22/24 11:21
Matrix: Solid
Date Received: 10/22/24 16:10
Percent Solids: 78.2

General Chemistry - ASTM Leach

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cyanide, Free (OI CORP OIA-1677)	ND		0.0060	0.0050	mg/L			11/05/24 13:26	1

Client: August Mack Environmental, Inc.
Project/Site: MSC Canfield - N. Ditch Sampling

Job ID: 240-213542-1

Client Sample ID: T2-1500-N-0.0
Date Collected: 10/22/24 11:45
Date Received: 10/22/24 16:10

Lab Sample ID: 240-213542-11
Matrix: Solid
Percent Solids: 68.2

Method: SW846 8270E - Semivolatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acenaphthene	48	J	60	21	ug/Kg	☼	10/25/24 08:31	10/28/24 15:37	1
Acenaphthylene	30	J	60	23	ug/Kg	☼	10/25/24 08:31	10/28/24 15:37	1
Anthracene	160		60	18	ug/Kg	☼	10/25/24 08:31	10/28/24 15:37	1
Benzo[a]anthracene	980		60	23	ug/Kg	☼	10/25/24 08:31	10/28/24 15:37	1
Benzo[a]pyrene	1100		60	21	ug/Kg	☼	10/25/24 08:31	10/28/24 15:37	1
Benzo[b]fluoranthene	1600		60	18	ug/Kg	☼	10/25/24 08:31	10/28/24 15:37	1
Benzo[g,h,i]perylene	880		60	41	ug/Kg	☼	10/25/24 08:31	10/28/24 15:37	1
Benzo[k]fluoranthene	570		60	15	ug/Kg	☼	10/25/24 08:31	10/28/24 15:37	1
Chrysene	1300		60	21	ug/Kg	☼	10/25/24 08:31	10/28/24 15:37	1
Dibenz(a,h)anthracene	140		60	23	ug/Kg	☼	10/25/24 08:31	10/28/24 15:37	1
Fluoranthene	2600		60	21	ug/Kg	☼	10/25/24 08:31	10/28/24 15:37	1
Fluorene	48	J	60	21	ug/Kg	☼	10/25/24 08:31	10/28/24 15:37	1
Indeno[1,2,3-cd]pyrene	680		60	18	ug/Kg	☼	10/25/24 08:31	10/28/24 15:37	1
Naphthalene	62		60	20	ug/Kg	☼	10/25/24 08:31	10/28/24 15:37	1
Phenanthrene	1000		60	20	ug/Kg	☼	10/25/24 08:31	10/28/24 15:37	1
Pyrene	2300		60	24	ug/Kg	☼	10/25/24 08:31	10/28/24 15:37	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2,4,6-Tribromophenol (Surr)	*70*		*10 - 120*	*10/25/24 08:31*	*10/28/24 15:37*	*1*
2-Fluorobiphenyl (Surr)	*74*		*36 - 120*	*10/25/24 08:31*	*10/28/24 15:37*	*1*
2-Fluorophenol (Surr)	*79*		*26 - 120*	*10/25/24 08:31*	*10/28/24 15:37*	*1*
Nitrobenzene-d5 (Surr)	*60*		*28 - 120*	*10/25/24 08:31*	*10/28/24 15:37*	*1*
Phenol-d5 (Surr)	*82*		*29 - 120*	*10/25/24 08:31*	*10/28/24 15:37*	*1*
Terphenyl-d14 (Surr)	*70*		*37 - 120*	*10/25/24 08:31*	*10/28/24 15:37*	*1*

Method: SW846 6010D - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	8.7		1.7	0.35	mg/Kg	☼	10/23/24 15:00	10/24/24 23:40	1
Barium	60		22	0.14	mg/Kg	☼	10/23/24 15:00	10/24/24 23:40	1
Cadmium	0.37	J	0.56	0.054	mg/Kg	☼	10/23/24 15:00	10/24/24 23:40	1
Chromium	21		1.1	0.38	mg/Kg	☼	10/23/24 15:00	10/24/24 23:40	1
Copper	9.9		2.8	0.78	mg/Kg	☼	10/23/24 15:00	10/24/24 23:40	1
Lead	23		1.1	0.32	mg/Kg	☼	10/23/24 15:00	10/24/24 23:40	1
Selenium	0.55	J	2.2	0.52	mg/Kg	☼	10/23/24 15:00	10/24/24 23:40	1
Silver	ND		1.1	0.091	mg/Kg	☼	10/23/24 15:00	10/24/24 23:40	1
Zinc	1100		5.6	4.1	mg/Kg	☼	10/23/24 15:00	10/25/24 20:01	1

Method: SW846 7471B - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.047	J	0.14	0.025	mg/Kg	☼	10/23/24 15:00	10/24/24 10:40	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cr (VI) (SW846 7196A)	ND		0.60	0.20	mg/Kg	☼	11/04/24 11:49	11/05/24 18:28	1
Cyanide, Total (SW846 9012B)	120		18	15	mg/Kg	☼	11/01/24 10:13	11/01/24 13:24	25

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Solids (EPA Moisture)	68.2		0.1	0.1	%			10/23/24 15:51	1
Percent Moisture (EPA Moisture)	31.8		0.1	0.1	%			10/23/24 15:51	1

Client: August Mack Environmental, Inc.
Job ID: 240-213542-1
Project/Site: MSC Canfield - N. Ditch Sampling

Client Sample ID: T2-1500-N-0.0
Lab Sample ID: 240-213542-11
Date Collected: 10/22/24 11:45
Matrix: Solid
Date Received: 10/22/24 16:10
Percent Solids: 68.2

General Chemistry - ASTM Leach

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cyanide, Free (OI CORP OIA-1677)	0.0059	J	0.0060	0.0050	mg/L			11/05/24 13:18	1

Client: August Mack Environmental, Inc.
Project/Site: MSC Canfield - N. Ditch Sampling

Job ID: 240-213542-1

Client Sample ID: T2-1500-N-2.0
Date Collected: 10/22/24 11:55
Date Received: 10/22/24 16:10

Lab Sample ID: 240-213542-12
Matrix: Solid
Percent Solids: 83.2

Method: SW846 8270E - Semivolatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acenaphthene	ND		48	17	ug/Kg	☼	10/25/24 08:31	10/28/24 15:13	1
Acenaphthylene	ND		48	18	ug/Kg	☼	10/25/24 08:31	10/28/24 15:13	1
Anthracene	ND		48	14	ug/Kg	☼	10/25/24 08:31	10/28/24 15:13	1
Benzo[a]anthracene	ND		48	18	ug/Kg	☼	10/25/24 08:31	10/28/24 15:13	1
Benzo[a]pyrene	ND		48	17	ug/Kg	☼	10/25/24 08:31	10/28/24 15:13	1
Benzo[b]fluoranthene	**20**	**J**	48	14	ug/Kg	☼	10/25/24 08:31	10/28/24 15:13	1
Benzo[g,h,i]perylene	ND		48	32	ug/Kg	☼	10/25/24 08:31	10/28/24 15:13	1
Benzo[k]fluoranthene	ND		48	12	ug/Kg	☼	10/25/24 08:31	10/28/24 15:13	1
Chrysene	**24**	**J**	48	17	ug/Kg	☼	10/25/24 08:31	10/28/24 15:13	1
Dibenz(a,h)anthracene	ND		48	18	ug/Kg	☼	10/25/24 08:31	10/28/24 15:13	1
Fluoranthene	**34**	**J**	48	17	ug/Kg	☼	10/25/24 08:31	10/28/24 15:13	1
Fluorene	ND		48	17	ug/Kg	☼	10/25/24 08:31	10/28/24 15:13	1
Indeno[1,2,3-cd]pyrene	ND		48	14	ug/Kg	☼	10/25/24 08:31	10/28/24 15:13	1
Naphthalene	ND		48	16	ug/Kg	☼	10/25/24 08:31	10/28/24 15:13	1
Phenanthrene	ND		48	16	ug/Kg	☼	10/25/24 08:31	10/28/24 15:13	1
Pyrene	**26**	**J**	48	19	ug/Kg	☼	10/25/24 08:31	10/28/24 15:13	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2,4,6-Tribromophenol (Surr)	*52*		*10 - 120*	*10/25/24 08:31*	*10/28/24 15:13*	*1*
2-Fluorobiphenyl (Surr)	*82*		*36 - 120*	*10/25/24 08:31*	*10/28/24 15:13*	*1*
2-Fluorophenol (Surr)	*81*		*26 - 120*	*10/25/24 08:31*	*10/28/24 15:13*	*1*
Nitrobenzene-d5 (Surr)	*80*		*28 - 120*	*10/25/24 08:31*	*10/28/24 15:13*	*1*
Phenol-d5 (Surr)	*81*		*29 - 120*	*10/25/24 08:31*	*10/28/24 15:13*	*1*
Terphenyl-d14 (Surr)	*73*		*37 - 120*	*10/25/24 08:31*	*10/28/24 15:13*	*1*

Method: SW846 6010D - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	**13**		1.6	0.33	mg/Kg	☼	10/23/24 15:00	10/24/24 23:45	1
Barium	**71**		21	0.13	mg/Kg	☼	10/23/24 15:00	10/24/24 23:45	1
Cadmium	**0.064**	**J**	0.52	0.050	mg/Kg	☼	10/23/24 15:00	10/24/24 23:45	1
Chromium	**15**		1.0	0.36	mg/Kg	☼	10/23/24 15:00	10/24/24 23:45	1
Copper	**17**		2.6	0.73	mg/Kg	☼	10/23/24 15:00	10/24/24 23:45	1
Lead	**9.5**		1.0	0.29	mg/Kg	☼	10/23/24 15:00	10/24/24 23:45	1
Selenium	ND		2.1	0.49	mg/Kg	☼	10/23/24 15:00	10/24/24 23:45	1
Silver	ND		1.0	0.084	mg/Kg	☼	10/23/24 15:00	10/24/24 23:45	1
Zinc	**66**		5.2	3.8	mg/Kg	☼	10/23/24 15:00	10/24/24 23:45	1

Method: SW846 7471B - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	ND		0.11	0.021	mg/Kg	☼	10/23/24 15:00	10/24/24 10:41	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cr (VI) (SW846 7196A)	ND		0.50	0.17	mg/Kg	☼	11/04/24 11:49	11/05/24 18:28	1
Cyanide, Total (SW846 9012B)	**3.2**		0.56	0.44	mg/Kg	☼	11/01/24 10:13	11/01/24 13:26	1

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Solids (EPA Moisture)	**83.2**		0.1	0.1	%			10/23/24 15:51	1
Percent Moisture (EPA Moisture)	**16.8**		0.1	0.1	%			10/23/24 15:51	1

Client: August Mack Environmental, Inc.
Job ID: 240-213542-1
Project/Site: MSC Canfield - N. Ditch Sampling

Client Sample ID: T2-1500-N-2.0
Lab Sample ID: 240-213542-12
Date Collected: 10/22/24 11:55
Matrix: Solid
Date Received: 10/22/24 16:10
Percent Solids: 83.2

General Chemistry - ASTM Leach

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cyanide, Free (OI CORP OIA-1677)	ND		0.0060	0.0050	mg/L			11/05/24 13:21	1

Client Sample ID: T2-1625-S-0.0
Date Collected: 10/22/24 12:20
Date Received: 10/22/24 16:10

Lab Sample ID: 240-213542-13
Matrix: Solid
Percent Solids: 76.7

Method: SW846 8270E - Semivolatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acenaphthene	19	J	52	18	ug/Kg	☼	10/25/24 08:31	10/28/24 16:01	1
Acenaphthylene	ND		52	19	ug/Kg	☼	10/25/24 08:31	10/28/24 16:01	1
Anthracene	63		52	16	ug/Kg	☼	10/25/24 08:31	10/28/24 16:01	1
Benzo[a]anthracene	390		52	19	ug/Kg	☼	10/25/24 08:31	10/28/24 16:01	1
Benzo[a]pyrene	550		52	18	ug/Kg	☼	10/25/24 08:31	10/28/24 16:01	1
Benzo[b]fluoranthene	1000		52	16	ug/Kg	☼	10/25/24 08:31	10/28/24 16:01	1
Benzo[g,h,i]perylene	570		52	35	ug/Kg	☼	10/25/24 08:31	10/28/24 16:01	1
Benzo[k]fluoranthene	300		52	13	ug/Kg	☼	10/25/24 08:31	10/28/24 16:01	1
Chrysene	750		52	18	ug/Kg	☼	10/25/24 08:31	10/28/24 16:01	1
Dibenz(a,h)anthracene	87		52	19	ug/Kg	☼	10/25/24 08:31	10/28/24 16:01	1
Fluoranthene	1300		52	18	ug/Kg	☼	10/25/24 08:31	10/28/24 16:01	1
Fluorene	18	J	52	18	ug/Kg	☼	10/25/24 08:31	10/28/24 16:01	1
Indeno[1,2,3-cd]pyrene	420		52	16	ug/Kg	☼	10/25/24 08:31	10/28/24 16:01	1
Naphthalene	19	J	52	17	ug/Kg	☼	10/25/24 08:31	10/28/24 16:01	1
Phenanthrene	410		52	17	ug/Kg	☼	10/25/24 08:31	10/28/24 16:01	1
Pyrene	1000		52	21	ug/Kg	☼	10/25/24 08:31	10/28/24 16:01	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2,4,6-Tribromophenol (Surr)	*69*		*10 - 120*	*10/25/24 08:31*	*10/28/24 16:01*	*1*
2-Fluorobiphenyl (Surr)	*76*		*36 - 120*	*10/25/24 08:31*	*10/28/24 16:01*	*1*
2-Fluorophenol (Surr)	*76*		*26 - 120*	*10/25/24 08:31*	*10/28/24 16:01*	*1*
Nitrobenzene-d5 (Surr)	*66*		*28 - 120*	*10/25/24 08:31*	*10/28/24 16:01*	*1*
Phenol-d5 (Surr)	*80*		*29 - 120*	*10/25/24 08:31*	*10/28/24 16:01*	*1*
Terphenyl-d14 (Surr)	*60*		*37 - 120*	*10/25/24 08:31*	*10/28/24 16:01*	*1*

Method: SW846 6010D - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	7.2		1.7	0.36	mg/Kg	☼	10/23/24 15:00	10/24/24 23:49	1
Barium	44		23	0.14	mg/Kg	☼	10/23/24 15:00	10/24/24 23:49	1
Cadmium	0.19	J	0.57	0.055	mg/Kg	☼	10/23/24 15:00	10/24/24 23:49	1
Chromium	15		1.1	0.39	mg/Kg	☼	10/23/24 15:00	10/24/24 23:49	1
Copper	7.3		2.9	0.80	mg/Kg	☼	10/23/24 15:00	10/24/24 23:49	1
Lead	15		1.1	0.32	mg/Kg	☼	10/23/24 15:00	10/24/24 23:49	1
Selenium	ND		2.3	0.54	mg/Kg	☼	10/23/24 15:00	10/24/24 23:49	1
Silver	ND		1.1	0.093	mg/Kg	☼	10/23/24 15:00	10/24/24 23:49	1
Zinc	1200		5.7	4.1	mg/Kg	☼	10/23/24 15:00	10/25/24 20:05	1

Method: SW846 7471B - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	ND		0.12	0.022	mg/Kg	☼	10/23/24 15:00	10/24/24 10:43	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cr (VI) (SW846 7196A)	ND		0.54	0.18	mg/Kg	☼	11/04/24 11:49	11/05/24 18:28	1
Cyanide, Total (SW846 9012B)	37		3.3	2.6	mg/Kg	☼	11/01/24 10:13	11/01/24 14:19	5

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Solids (EPA Moisture)	76.7		0.1	0.1	%			10/23/24 15:51	1
Percent Moisture (EPA Moisture)	23.3		0.1	0.1	%			10/23/24 15:51	1

Client: August Mack Environmental, Inc.
Job ID: 240-213542-1
Project/Site: MSC Canfield - N. Ditch Sampling

Client Sample ID: T2-1625-S-0.0
Lab Sample ID: 240-213542-13
Date Collected: 10/22/24 12:20
Matrix: Solid
Date Received: 10/22/24 16:10
Percent Solids: 76.7

General Chemistry - ASTM Leach

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cyanide, Free (OI CORP OIA-1677)	0.013		0.0060	0.0050	mg/L			11/05/24 13:33	1

Client Sample ID: DUP-3-20241022
Lab Sample ID: 240-213542-14

Date Collected: 10/22/24 00:00
Matrix: Solid

Date Received: 10/22/24 16:10
Percent Solids: 72.2

Method: SW846 8270E - Semivolatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acenaphthene	ND		54	19	ug/Kg	☼	10/25/24 08:31	10/28/24 16:24	1
Acenaphthylene	ND		54	20	ug/Kg	☼	10/25/24 08:31	10/28/24 16:24	1
Anthracene	**35**	**J**	54	16	ug/Kg	☼	10/25/24 08:31	10/28/24 16:24	1
Benzo[a]anthracene	**230**		54	20	ug/Kg	☼	10/25/24 08:31	10/28/24 16:24	1
Benzo[a]pyrene	**260**		54	19	ug/Kg	☼	10/25/24 08:31	10/28/24 16:24	1
Benzo[b]fluoranthene	**340**		54	16	ug/Kg	☼	10/25/24 08:31	10/28/24 16:24	1
Benzo[g,h,i]perylene	**220**		54	37	ug/Kg	☼	10/25/24 08:31	10/28/24 16:24	1
Benzo[k]fluoranthene	**180**		54	14	ug/Kg	☼	10/25/24 08:31	10/28/24 16:24	1
Chrysene	**310**		54	19	ug/Kg	☼	10/25/24 08:31	10/28/24 16:24	1
Dibenz(a,h)anthracene	**53**	**J**	54	20	ug/Kg	☼	10/25/24 08:31	10/28/24 16:24	1
Fluoranthene	**720**		54	19	ug/Kg	☼	10/25/24 08:31	10/28/24 16:24	1
Fluorene	ND		54	19	ug/Kg	☼	10/25/24 08:31	10/28/24 16:24	1
Indeno[1,2,3-cd]pyrene	**170**		54	16	ug/Kg	☼	10/25/24 08:31	10/28/24 16:24	1
Naphthalene	ND		54	18	ug/Kg	☼	10/25/24 08:31	10/28/24 16:24	1
Phenanthrene	**310**		54	18	ug/Kg	☼	10/25/24 08:31	10/28/24 16:24	1
Pyrene	**550**		54	22	ug/Kg	☼	10/25/24 08:31	10/28/24 16:24	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2,4,6-Tribromophenol (Surr)	*52*		*10 - 120*	*10/25/24 08:31*	*10/28/24 16:24*	*1*
2-Fluorobiphenyl (Surr)	*45*		*36 - 120*	*10/25/24 08:31*	*10/28/24 16:24*	*1*
2-Fluorophenol (Surr)	*79*		*26 - 120*	*10/25/24 08:31*	*10/28/24 16:24*	*1*
Nitrobenzene-d5 (Surr)	*29*		*28 - 120*	*10/25/24 08:31*	*10/28/24 16:24*	*1*
Phenol-d5 (Surr)	*84*		*29 - 120*	*10/25/24 08:31*	*10/28/24 16:24*	*1*
Terphenyl-d14 (Surr)	*22*	*S1-*	*37 - 120*	*10/25/24 08:31*	*10/28/24 16:24*	*1*

Method: SW846 6010D - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	**12**		1.6	0.33	mg/Kg	☼	10/23/24 15:00	10/24/24 23:54	1
Barium	**54**		21	0.13	mg/Kg	☼	10/23/24 15:00	10/24/24 23:54	1
Cadmium	**0.15**	**J**	0.52	0.050	mg/Kg	☼	10/23/24 15:00	10/24/24 23:54	1
Chromium	**14**		1.0	0.35	mg/Kg	☼	10/23/24 15:00	10/24/24 23:54	1
Copper	**10**		2.6	0.72	mg/Kg	☼	10/23/24 15:00	10/24/24 23:54	1
Lead	**18**		1.0	0.29	mg/Kg	☼	10/23/24 15:00	10/24/24 23:54	1
Selenium	ND		2.1	0.48	mg/Kg	☼	10/23/24 15:00	10/24/24 23:54	1
Silver	ND		1.0	0.084	mg/Kg	☼	10/23/24 15:00	10/24/24 23:54	1
Zinc	**200**		5.2	3.7	mg/Kg	☼	10/23/24 15:00	10/24/24 23:54	1

Method: SW846 7471B - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	ND		0.14	0.025	mg/Kg	☼	10/23/24 15:00	10/24/24 10:45	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cr (VI) (SW846 7196A)	ND		0.57	0.19	mg/Kg	☼	11/04/24 11:49	11/05/24 18:28	1
Cyanide, Total (SW846 9012B)	**35**		3.5	2.7	mg/Kg	☼	11/01/24 10:13	11/01/24 14:24	5

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Solids (EPA Moisture)	**72.2**		0.1	0.1	%			10/23/24 15:51	1
Percent Moisture (EPA Moisture)	**27.8**		0.1	0.1	%			10/23/24 15:51	1

Client: August Mack Environmental, Inc.
Job ID: 240-213542-1
Project/Site: MSC Canfield - N. Ditch Sampling

Client Sample ID: DUP-3-20241022
Lab Sample ID: 240-213542-14
Date Collected: 10/22/24 00:00
Matrix: Solid
Date Received: 10/22/24 16:10
Percent Solids: 72.2

General Chemistry - ASTM Leach

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cyanide, Free (OI CORP OIA-1677)	0.016		0.0060	0.0050	mg/L			11/05/24 13:56	1

Client: August Mack Environmental, Inc.
Project/Site: MSC Canfield - N. Ditch Sampling

Job ID: 240-213542-1

Client Sample ID: T2-1250-C-SW

Date Collected: 10/22/24 09:10
Date Received: 10/22/24 16:10

Lab Sample ID: 240-213542-15

Matrix: Water

Method: SW846 8270E - Semivolatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acenaphthene	ND		0.19	0.17	ug/L		10/28/24 08:35	10/31/24 11:50	1
Acenaphthylene	ND		0.19	0.12	ug/L		10/28/24 08:35	10/31/24 11:50	1
Anthracene	ND		0.19	0.13	ug/L		10/28/24 08:35	10/31/24 11:50	1
Benzo[a]anthracene	ND		0.19	0.065	ug/L		10/28/24 08:35	10/31/24 11:50	1
Benzo[a]pyrene	ND		0.19	0.17	ug/L		10/28/24 08:35	10/31/24 11:50	1
Benzo[b]fluoranthene	ND		0.19	0.15	ug/L		10/28/24 08:35	10/31/24 11:50	1
Benzo[g,h,i]perylene	ND		0.19	0.17	ug/L		10/28/24 08:35	10/31/24 11:50	1
Benzo[k]fluoranthene	ND		0.19	0.13	ug/L		10/28/24 08:35	10/31/24 11:50	1
Chrysene	ND		0.19	0.063	ug/L		10/28/24 08:35	10/31/24 11:50	1
Dibenz(a,h)anthracene	ND		0.19	0.15	ug/L		10/28/24 08:35	10/31/24 11:50	1
Fluoranthene	ND		0.19	0.15	ug/L		10/28/24 08:35	10/31/24 11:50	1
Fluorene	ND		0.19	0.076	ug/L		10/28/24 08:35	10/31/24 11:50	1
Indeno[1,2,3-cd]pyrene	ND		0.19	0.13	ug/L		10/28/24 08:35	10/31/24 11:50	1
Naphthalene	ND		0.19	0.10	ug/L		10/28/24 08:35	10/31/24 11:50	1
Phenanthrene	ND		0.19	0.077	ug/L		10/28/24 08:35	10/31/24 11:50	1
Pyrene	ND		0.19	0.080	ug/L		10/28/24 08:35	10/31/24 11:50	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2,4,6-Tribromophenol (Surr)	*110*		*23 - 127*	*10/28/24 08:35*	*10/31/24 11:50*	*1*
2-Fluorobiphenyl (Surr)	*72*		*41 - 120*	*10/28/24 08:35*	*10/31/24 11:50*	*1*
2-Fluorophenol (Surr)	*64*		*10 - 127*	*10/28/24 08:35*	*10/31/24 11:50*	*1*
Nitrobenzene-d5 (Surr)	*67*		*40 - 120*	*10/28/24 08:35*	*10/31/24 11:50*	*1*
Phenol-d5 (Surr)	*50*		*10 - 120*	*10/28/24 08:35*	*10/31/24 11:50*	*1*
Terphenyl-d14 (Surr)	*100*		*43 - 136*	*10/28/24 08:35*	*10/31/24 11:50*	*1*

Method: SW846 6010D - Metals (ICP) - Total Recoverable

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	ND		15	4.1	ug/L		10/28/24 14:00	10/30/24 18:37	1
Barium	**45**	**J**	200	1.3	ug/L		10/28/24 14:00	10/30/24 18:37	1
Cadmium	ND		5.0	0.45	ug/L		10/28/24 14:00	10/30/24 18:37	1
Chromium	**1.6**	**J**	10	0.76	ug/L		10/28/24 14:00	10/30/24 18:37	1
Copper	ND		25	3.5	ug/L		10/28/24 14:00	10/30/24 18:37	1
Lead	ND		10	2.8	ug/L		10/28/24 14:00	10/30/24 18:37	1
Selenium	ND		20	6.0	ug/L		10/28/24 14:00	10/30/24 18:37	1
Silver	ND		10	1.4	ug/L		10/28/24 14:00	10/30/24 18:37	1
Zinc	**67**		50	23	ug/L		10/28/24 14:00	10/30/24 18:37	1

Method: SW846 6010D - Metals (ICP) - Dissolved

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	ND		15	4.1	ug/L		10/28/24 14:00	10/30/24 18:50	1
Barium	**43**	**J**	200	1.3	ug/L		10/28/24 14:00	10/30/24 18:50	1
Cadmium	ND		5.0	0.45	ug/L		10/28/24 14:00	10/30/24 18:50	1
Chromium	**1.1**	**J**	10	0.76	ug/L		10/28/24 14:00	10/30/24 18:50	1
Copper	ND		25	3.5	ug/L		10/28/24 14:00	10/30/24 18:50	1
Lead	ND		10	2.8	ug/L		10/28/24 14:00	10/30/24 18:50	1
Selenium	ND		20	6.0	ug/L		10/28/24 14:00	10/30/24 18:50	1
Silver	ND		10	1.4	ug/L		10/28/24 14:00	10/30/24 18:50	1
Zinc	**25**	**J**	50	23	ug/L		10/28/24 14:00	10/30/24 18:50	1

Client: August Mack Environmental, Inc.
Project/Site: MSC Canfield - N. Ditch Sampling

Job ID: 240-213542-1

Client Sample ID: T2-1250-C-SW
Date Collected: 10/22/24 09:10
Date Received: 10/22/24 16:10

Lab Sample ID: 240-213542-15
Matrix: Water

Method: SW846 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	ND		0.20	0.13	ug/L		10/24/24 14:00	10/25/24 14:41	1

Method: SW846 7470A - Mercury (CVAA) - Dissolved

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	ND		0.20	0.13	ug/L		10/24/24 14:00	10/25/24 14:43	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chromium, hexavalent (SW846 7196A)	ND		0.020	0.0070	mg/L			10/22/24 16:40	1
Cyanide, Total (SW846 9012B)	**0.27**		0.010	0.0060	mg/L		10/30/24 08:38	10/30/24 10:14	1
Cyanide, Free (OI CORP OIA-1677)	**0.018**		0.0060	0.0050	mg/L			11/04/24 14:47	1

General Chemistry - Dissolved

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chromium, hexavalent (SW846 7196A)	ND		0.020	0.0070	mg/L			10/22/24 16:40	1

Client: August Mack Environmental, Inc.
Project/Site: MSC Canfield - N. Ditch Sampling

Job ID: 240-213542-1

Client Sample ID: TB-3-20241022
Date Collected: 10/22/24 14:00
Date Received: 10/22/24 16:10

Lab Sample ID: 240-213542-16
Matrix: Water

Method: SW846 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		1.0	0.48	ug/L			10/31/24 17:10	1
1,1,2,2-Tetrachloroethane	ND		1.0	0.60	ug/L			10/31/24 17:10	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		1.0	0.41	ug/L			10/31/24 17:10	1
1,1,2-Trichloroethane	ND		1.0	0.48	ug/L			10/31/24 17:10	1
1,1-Dichloroethane	ND		1.0	0.47	ug/L			10/31/24 17:10	1
1,1-Dichloroethene	ND		1.0	0.49	ug/L			10/31/24 17:10	1
1,2,4-Trichlorobenzene	ND		1.0	0.77	ug/L			10/31/24 17:10	1
1,2-Dibromo-3-Chloropropane	ND		2.0	0.91	ug/L			10/31/24 17:10	1
Ethylene Dibromide	ND		1.0	0.41	ug/L			10/31/24 17:10	1
1,2-Dichlorobenzene	ND		1.0	0.48	ug/L			10/31/24 17:10	1
1,2-Dichloroethane	ND		1.0	0.46	ug/L			10/31/24 17:10	1
1,2-Dichloropropane	ND		1.0	0.47	ug/L			10/31/24 17:10	1
1,3-Dichlorobenzene	ND		1.0	0.45	ug/L			10/31/24 17:10	1
1,4-Dichlorobenzene	ND		1.0	0.41	ug/L			10/31/24 17:10	1
2-Butanone (MEK)	**1.9**	**J**	10	1.2	ug/L			10/31/24 17:10	1
2-Hexanone	ND		10	1.1	ug/L			10/31/24 17:10	1
4-Methyl-2-pentanone (MIBK)	ND		10	0.99	ug/L			10/31/24 17:10	1
Acetone	ND		10	5.4	ug/L			10/31/24 17:10	1
Benzene	ND		1.0	0.42	ug/L			10/31/24 17:10	1
Dichlorobromomethane	ND		1.0	0.38	ug/L			10/31/24 17:10	1
Bromoform	ND		1.0	0.76	ug/L			10/31/24 17:10	1
Bromomethane	ND		1.0	0.42	ug/L			10/31/24 17:10	1
Carbon disulfide	ND		1.0	0.59	ug/L			10/31/24 17:10	1
Carbon tetrachloride	ND		1.0	0.26	ug/L			10/31/24 17:10	1
Chlorobenzene	ND		1.0	0.38	ug/L			10/31/24 17:10	1
Chloroethane	ND		1.0	0.83	ug/L			10/31/24 17:10	1
Chloroform	ND		1.0	0.47	ug/L			10/31/24 17:10	1
Chloromethane	ND		1.0	0.63	ug/L			10/31/24 17:10	1
cis-1,2-Dichloroethene	**2.3**	**B**	1.0	0.46	ug/L			10/31/24 17:10	1
cis-1,3-Dichloropropene	ND		1.0	0.61	ug/L			10/31/24 17:10	1
Cyclohexane	ND		1.0	0.48	ug/L			10/31/24 17:10	1
Chlorodibromomethane	ND		1.0	0.39	ug/L			10/31/24 17:10	1
Dichlorodifluoromethane	ND		1.0	0.35	ug/L			10/31/24 17:10	1
Ethylbenzene	ND		1.0	0.42	ug/L			10/31/24 17:10	1
Isopropylbenzene	ND		1.0	0.49	ug/L			10/31/24 17:10	1
Methyl acetate	ND		10	1.7	ug/L			10/31/24 17:10	1
Methyl tert-butyl ether	ND		1.0	0.47	ug/L			10/31/24 17:10	1
Methylcyclohexane	ND		1.0	0.33	ug/L			10/31/24 17:10	1
Methylene Chloride	**3.3**	**J**	5.0	2.6	ug/L			10/31/24 17:10	1
Styrene	ND		1.0	0.45	ug/L			10/31/24 17:10	1
Tetrachloroethene	ND		1.0	0.44	ug/L			10/31/24 17:10	1
Toluene	ND		1.0	0.44	ug/L			10/31/24 17:10	1
trans-1,2-Dichloroethene	ND		1.0	0.51	ug/L			10/31/24 17:10	1
trans-1,3-Dichloropropene	ND		1.0	0.67	ug/L			10/31/24 17:10	1
Trichloroethene	ND		1.0	0.44	ug/L			10/31/24 17:10	1
Trichlorofluoromethane	ND	*+	1.0	0.45	ug/L			10/31/24 17:10	1
Vinyl chloride	ND		1.0	0.45	ug/L			10/31/24 17:10	1
Xylenes, Total	ND		2.0	0.42	ug/L			10/31/24 17:10	1

Client: August Mack Environmental, Inc.
Project/Site: MSC Canfield - N. Ditch Sampling

Job ID: 240-213542-1

Client Sample ID: TB-3-20241022
Date Collected: 10/22/24 14:00
Date Received: 10/22/24 16:10

Lab Sample ID: 240-213542-16
Matrix: Water

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
Toluene-d8 (Surr)	95		78 - 122		10/31/24 17:10	1
Dibromofluoromethane (Surr)	118		73 - 120		10/31/24 17:10	1
4-Bromofluorobenzene (Surr)	85		56 - 136		10/31/24 17:10	1
1,2-Dichloroethane-d4 (Surr)	116		62 - 137		10/31/24 17:10	1

Client: August Mack Environmental, Inc.
Project/Site: MSC Canfield - N. Ditch Sampling

Job ID: 240-213542-1

Client Sample ID: TB-4-20241022
Date Collected: 10/22/24 14:05
Date Received: 10/22/24 16:10

Lab Sample ID: 240-213542-17
Matrix: Water

Method: SW846 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		1.0	0.48	ug/L			10/31/24 17:30	1
1,1,2,2-Tetrachloroethane	ND		1.0	0.60	ug/L			10/31/24 17:30	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		1.0	0.41	ug/L			10/31/24 17:30	1
1,1,2-Trichloroethane	ND		1.0	0.48	ug/L			10/31/24 17:30	1
1,1-Dichloroethane	ND		1.0	0.47	ug/L			10/31/24 17:30	1
1,1-Dichloroethene	ND		1.0	0.49	ug/L			10/31/24 17:30	1
1,2,4-Trichlorobenzene	ND		1.0	0.77	ug/L			10/31/24 17:30	1
1,2-Dibromo-3-Chloropropane	ND		2.0	0.91	ug/L			10/31/24 17:30	1
Ethylene Dibromide	ND		1.0	0.41	ug/L			10/31/24 17:30	1
1,2-Dichlorobenzene	ND		1.0	0.48	ug/L			10/31/24 17:30	1
1,2-Dichloroethane	ND		1.0	0.46	ug/L			10/31/24 17:30	1
1,2-Dichloropropane	ND		1.0	0.47	ug/L			10/31/24 17:30	1
1,3-Dichlorobenzene	ND		1.0	0.45	ug/L			10/31/24 17:30	1
1,4-Dichlorobenzene	ND		1.0	0.41	ug/L			10/31/24 17:30	1
2-Butanone (MEK)	**1.9**	**J**	10	1.2	ug/L			10/31/24 17:30	1
2-Hexanone	ND		10	1.1	ug/L			10/31/24 17:30	1
4-Methyl-2-pentanone (MIBK)	ND		10	0.99	ug/L			10/31/24 17:30	1
Acetone	**5.6**	**J**	10	5.4	ug/L			10/31/24 17:30	1
Benzene	ND		1.0	0.42	ug/L			10/31/24 17:30	1
Dichlorobromomethane	ND		1.0	0.38	ug/L			10/31/24 17:30	1
Bromoform	ND		1.0	0.76	ug/L			10/31/24 17:30	1
Bromomethane	ND		1.0	0.42	ug/L			10/31/24 17:30	1
Carbon disulfide	ND		1.0	0.59	ug/L			10/31/24 17:30	1
Carbon tetrachloride	ND		1.0	0.26	ug/L			10/31/24 17:30	1
Chlorobenzene	ND		1.0	0.38	ug/L			10/31/24 17:30	1
Chloroethane	ND		1.0	0.83	ug/L			10/31/24 17:30	1
Chloroform	ND		1.0	0.47	ug/L			10/31/24 17:30	1
Chloromethane	ND		1.0	0.63	ug/L			10/31/24 17:30	1
cis-1,2-Dichloroethene	**1.7**	**B**	1.0	0.46	ug/L			10/31/24 17:30	1
cis-1,3-Dichloropropene	ND		1.0	0.61	ug/L			10/31/24 17:30	1
Cyclohexane	ND		1.0	0.48	ug/L			10/31/24 17:30	1
Chlorodibromomethane	ND		1.0	0.39	ug/L			10/31/24 17:30	1
Dichlorodifluoromethane	ND		1.0	0.35	ug/L			10/31/24 17:30	1
Ethylbenzene	ND		1.0	0.42	ug/L			10/31/24 17:30	1
Isopropylbenzene	ND		1.0	0.49	ug/L			10/31/24 17:30	1
Methyl acetate	ND		10	1.7	ug/L			10/31/24 17:30	1
Methyl tert-butyl ether	ND		1.0	0.47	ug/L			10/31/24 17:30	1
Methylcyclohexane	ND		1.0	0.33	ug/L			10/31/24 17:30	1
Methylene Chloride	**3.2**	**J**	5.0	2.6	ug/L			10/31/24 17:30	1
Styrene	ND		1.0	0.45	ug/L			10/31/24 17:30	1
Tetrachloroethene	ND		1.0	0.44	ug/L			10/31/24 17:30	1
Toluene	ND		1.0	0.44	ug/L			10/31/24 17:30	1
trans-1,2-Dichloroethene	ND		1.0	0.51	ug/L			10/31/24 17:30	1
trans-1,3-Dichloropropene	ND		1.0	0.67	ug/L			10/31/24 17:30	1
Trichloroethene	ND		1.0	0.44	ug/L			10/31/24 17:30	1
Trichlorofluoromethane	ND	*+	1.0	0.45	ug/L			10/31/24 17:30	1
Vinyl chloride	ND		1.0	0.45	ug/L			10/31/24 17:30	1
Xylenes, Total	ND		2.0	0.42	ug/L			10/31/24 17:30	1

Client: August Mack Environmental, Inc.
Project/Site: MSC Canfield - N. Ditch Sampling

Job ID: 240-213542-1

Client Sample ID: TB-4-20241022
Date Collected: 10/22/24 14:05
Date Received: 10/22/24 16:10

Lab Sample ID: 240-213542-17
Matrix: Water

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
Toluene-d8 (Surr)	94		78 - 122		10/31/24 17:30	1
Dibromofluoromethane (Surr)	118		73 - 120		10/31/24 17:30	1
4-Bromofluorobenzene (Surr)	81		56 - 136		10/31/24 17:30	1
1,2-Dichloroethane-d4 (Surr)	115		62 - 137		10/31/24 17:30	1

Client: August Mack Environmental, Inc.
Project/Site: MSC Canfield - N. Ditch Sampling

Job ID: 240-213542-1

Client Sample ID: TB-5-20241022
Date Collected: 10/22/24 14:10
Date Received: 10/22/24 16:10

Lab Sample ID: 240-213542-18
Matrix: Water

Method: SW846 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		1.0	0.48	ug/L			10/31/24 17:50	1
1,1,2,2-Tetrachloroethane	ND		1.0	0.60	ug/L			10/31/24 17:50	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		1.0	0.41	ug/L			10/31/24 17:50	1
1,1,2-Trichloroethane	ND		1.0	0.48	ug/L			10/31/24 17:50	1
1,1-Dichloroethane	ND		1.0	0.47	ug/L			10/31/24 17:50	1
1,1-Dichloroethene	ND		1.0	0.49	ug/L			10/31/24 17:50	1
1,2,4-Trichlorobenzene	ND		1.0	0.77	ug/L			10/31/24 17:50	1
1,2-Dibromo-3-Chloropropane	ND		2.0	0.91	ug/L			10/31/24 17:50	1
Ethylene Dibromide	ND		1.0	0.41	ug/L			10/31/24 17:50	1
1,2-Dichlorobenzene	ND		1.0	0.48	ug/L			10/31/24 17:50	1
1,2-Dichloroethane	ND		1.0	0.46	ug/L			10/31/24 17:50	1
1,2-Dichloropropane	ND		1.0	0.47	ug/L			10/31/24 17:50	1
1,3-Dichlorobenzene	ND		1.0	0.45	ug/L			10/31/24 17:50	1
1,4-Dichlorobenzene	ND		1.0	0.41	ug/L			10/31/24 17:50	1
2-Butanone (MEK)	**2.0**	**J**	10	1.2	ug/L			10/31/24 17:50	1
2-Hexanone	ND		10	1.1	ug/L			10/31/24 17:50	1
4-Methyl-2-pentanone (MIBK)	ND		10	0.99	ug/L			10/31/24 17:50	1
Acetone	ND		10	5.4	ug/L			10/31/24 17:50	1
Benzene	ND		1.0	0.42	ug/L			10/31/24 17:50	1
Dichlorobromomethane	ND		1.0	0.38	ug/L			10/31/24 17:50	1
Bromoform	ND		1.0	0.76	ug/L			10/31/24 17:50	1
Bromomethane	ND		1.0	0.42	ug/L			10/31/24 17:50	1
Carbon disulfide	ND		1.0	0.59	ug/L			10/31/24 17:50	1
Carbon tetrachloride	ND		1.0	0.26	ug/L			10/31/24 17:50	1
Chlorobenzene	ND		1.0	0.38	ug/L			10/31/24 17:50	1
Chloroethane	ND		1.0	0.83	ug/L			10/31/24 17:50	1
Chloroform	ND		1.0	0.47	ug/L			10/31/24 17:50	1
Chloromethane	ND		1.0	0.63	ug/L			10/31/24 17:50	1
cis-1,2-Dichloroethene	**1.2**	**B**	1.0	0.46	ug/L			10/31/24 17:50	1
cis-1,3-Dichloropropene	ND		1.0	0.61	ug/L			10/31/24 17:50	1
Cyclohexane	ND		1.0	0.48	ug/L			10/31/24 17:50	1
Chlorodibromomethane	ND		1.0	0.39	ug/L			10/31/24 17:50	1
Dichlorodifluoromethane	ND		1.0	0.35	ug/L			10/31/24 17:50	1
Ethylbenzene	ND		1.0	0.42	ug/L			10/31/24 17:50	1
Isopropylbenzene	ND		1.0	0.49	ug/L			10/31/24 17:50	1
Methyl acetate	ND		10	1.7	ug/L			10/31/24 17:50	1
Methyl tert-butyl ether	ND		1.0	0.47	ug/L			10/31/24 17:50	1
Methylcyclohexane	ND		1.0	0.33	ug/L			10/31/24 17:50	1
Methylene Chloride	**2.9**	**J**	5.0	2.6	ug/L			10/31/24 17:50	1
Styrene	ND		1.0	0.45	ug/L			10/31/24 17:50	1
Tetrachloroethene	ND		1.0	0.44	ug/L			10/31/24 17:50	1
Toluene	ND		1.0	0.44	ug/L			10/31/24 17:50	1
trans-1,2-Dichloroethene	ND		1.0	0.51	ug/L			10/31/24 17:50	1
trans-1,3-Dichloropropene	ND		1.0	0.67	ug/L			10/31/24 17:50	1
Trichloroethene	ND		1.0	0.44	ug/L			10/31/24 17:50	1
Trichlorofluoromethane	ND	*+	1.0	0.45	ug/L			10/31/24 17:50	1
Vinyl chloride	ND		1.0	0.45	ug/L			10/31/24 17:50	1
Xylenes, Total	ND		2.0	0.42	ug/L			10/31/24 17:50	1

Client: August Mack Environmental, Inc.
Project/Site: MSC Canfield - N. Ditch Sampling

Job ID: 240-213542-1

Client Sample ID: TB-5-20241022
Date Collected: 10/22/24 14:10
Date Received: 10/22/24 16:10

Lab Sample ID: 240-213542-18
Matrix: Water

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
Toluene-d8 (Surr)	93		78 - 122		10/31/24 17:50	1
Dibromofluoromethane (Surr)	118		73 - 120		10/31/24 17:50	1
4-Bromofluorobenzene (Surr)	84		56 - 136		10/31/24 17:50	1
1,2-Dichloroethane-d4 (Surr)	117		62 - 137		10/31/24 17:50	1

Surrogate Summary

Client: August Mack Environmental, Inc.
Project/Site: MSC Canfield - N. Ditch Sampling

Job ID: 240-213542-1

Method: 8260D - Volatile Organic Compounds by GC/MS

Matrix: Water

Prep Type: Total/NA

		Percent Surrogate Recovery (Acceptance Limits)			
		TOL	DBFM	BFB	DCA
Lab Sample ID	Client Sample ID	(78-122)	(73-120)	(56-136)	(62-137)
240-213542-16	TB-3-20241022	95	118	85	116
240-213542-17	TB-4-20241022	94	118	81	115
240-213542-18	TB-5-20241022	93	118	84	117
LCS 240-633324/4	Lab Control Sample	94	103	97	100
MB 240-633324/7	Method Blank	85	101	82	97

Surrogate Legend

TOL = Toluene-d8 (Surr)
DBFM = Dibromofluoromethane (Surr)
BFB = 4-Bromofluorobenzene (Surr)
DCA = 1,2-Dichloroethane-d4 (Surr)

Method: 8270E - Semivolatile Organic Compounds (GC/MS)

Matrix: Solid

Prep Type: Total/NA

		Percent Surrogate Recovery (Acceptance Limits)					
		TBP	FBP	2FP	NBZ	PHL	TPHL
Lab Sample ID	Client Sample ID	(10-120)	(36-120)	(26-120)	(28-120)	(29-120)	(37-120)
240-213542-1	T2-1250-S-2.0	71	79	77	77	81	76
240-213542-2	T2-1250-N-0.0	59	76	73	72	76	64
240-213542-3	T2-1250-N-2.0	41	72	72	72	77	69
240-213542-4	T2-1375-N-0.0	63	76	72	71	75	60
240-213542-5	T2-1375-N-2.0	51	80	79	82	84	76
240-213542-6	T2-1375-S-0.0	48	80	83	83	86	79
240-213542-7	DUP-2-20241022	42	76	76	75	78	71
240-213542-8	T2-1375-S-2.0	44	75	73	69	77	73
240-213542-9	T2-1500-S-0.0	52	78	77	78	80	75
240-213542-10	T2-1500-S-2.0	50	70	74	75	81	60
240-213542-11	T2-1500-N-0.0	70	74	79	60	82	70
240-213542-12	T2-1500-N-2.0	52	82	81	80	81	73
240-213542-13	T2-1625-S-0.0	69	76	76	66	80	60
240-213542-14	DUP-3-20241022	52	45	79	29	84	22 S1-
LCS 240-632414/2-A	Lab Control Sample	66	74	77	80	82	69
MB 240-632414/1-A	Method Blank	65	86	88	82	90	86

Surrogate Legend

TBP = 2,4,6-Tribromophenol (Surr)
FBP = 2-Fluorobiphenyl (Surr)
2FP = 2-Fluorophenol (Surr)
NBZ = Nitrobenzene-d5 (Surr)
PHL = Phenol-d5 (Surr)
TPHL = Terphenyl-d14 (Surr)

Method: 8270E - Semivolatile Organic Compounds (GC/MS)

Matrix: Water

Prep Type: Total/NA

		Percent Surrogate Recovery (Acceptance Limits)					
		TBP	FBP	2FP	NBZ	PHL	TPHL
Lab Sample ID	Client Sample ID	(23-127)	(41-120)	(10-127)	(40-120)	(10-120)	(43-136)
240-213542-15	T2-1250-C-SW	110	72	64	67	50	100
LCS 240-632678/22-A	Lab Control Sample	111	84	118	87	73	93

Surrogate Summary

Client: August Mack Environmental, Inc. Job ID: 240-213542-1
Project/Site: MSC Canfield - N. Ditch Sampling

Method: 8270E - Semivolatile Organic Compounds (GC/MS) (Continued)

Matrix: Water **Prep Type: Total/NA**

		Percent Surrogate Recovery (Acceptance Limits)							
		TBP	FBP	2FP	NBZ	PHL	TPHL		
Lab Sample ID	Client Sample ID	(23-127)	(41-120)	(10-127)	(40-120)	(10-120)	(43-136)		
MB 240-632678/21-A	Method Blank	55	73	53	72	58	79		

Surrogate Legend

TBP = 2,4,6-Tribromophenol (Surr)
FBP = 2-Fluorobiphenyl (Surr)
2FP = 2-Fluorophenol (Surr)
NBZ = Nitrobenzene-d5 (Surr)
PHL = Phenol-d5 (Surr)
TPHL = Terphenyl-d14 (Surr)

Method: 8260D - Volatile Organic Compounds by GC/MS

Lab Sample ID: MB 240-633324/7
Matrix: Water
Analysis Batch: 633324

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		1.0	0.48	ug/L			10/31/24 12:10	1
1,1,2,2-Tetrachloroethane	ND		1.0	0.60	ug/L			10/31/24 12:10	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		1.0	0.41	ug/L			10/31/24 12:10	1
1,1,2-Trichloroethane	ND		1.0	0.48	ug/L			10/31/24 12:10	1
1,1-Dichloroethane	ND		1.0	0.47	ug/L			10/31/24 12:10	1
1,1-Dichloroethene	ND		1.0	0.49	ug/L			10/31/24 12:10	1
1,2,4-Trichlorobenzene	ND		1.0	0.77	ug/L			10/31/24 12:10	1
1,2-Dibromo-3-Chloropropane	ND		2.0	0.91	ug/L			10/31/24 12:10	1
Ethylene Dibromide	ND		1.0	0.41	ug/L			10/31/24 12:10	1
1,2-Dichlorobenzene	ND		1.0	0.48	ug/L			10/31/24 12:10	1
1,2-Dichloroethane	ND		1.0	0.46	ug/L			10/31/24 12:10	1
1,2-Dichloropropane	ND		1.0	0.47	ug/L			10/31/24 12:10	1
1,3-Dichlorobenzene	ND		1.0	0.45	ug/L			10/31/24 12:10	1
1,4-Dichlorobenzene	ND		1.0	0.41	ug/L			10/31/24 12:10	1
2-Butanone (MEK)	ND		10	1.2	ug/L			10/31/24 12:10	1
2-Hexanone	ND		10	1.1	ug/L			10/31/24 12:10	1
4-Methyl-2-pentanone (MIBK)	ND		10	0.99	ug/L			10/31/24 12:10	1
Acetone	ND		10	5.4	ug/L			10/31/24 12:10	1
Benzene	ND		1.0	0.42	ug/L			10/31/24 12:10	1
Dichlorobromomethane	ND		1.0	0.38	ug/L			10/31/24 12:10	1
Bromoform	ND		1.0	0.76	ug/L			10/31/24 12:10	1
Bromomethane	ND		1.0	0.42	ug/L			10/31/24 12:10	1
Carbon disulfide	ND		1.0	0.59	ug/L			10/31/24 12:10	1
Carbon tetrachloride	ND		1.0	0.26	ug/L			10/31/24 12:10	1
Chlorobenzene	ND		1.0	0.38	ug/L			10/31/24 12:10	1
Chloroethane	ND		1.0	0.83	ug/L			10/31/24 12:10	1
Chloroform	ND		1.0	0.47	ug/L			10/31/24 12:10	1
Chloromethane	ND		1.0	0.63	ug/L			10/31/24 12:10	1
cis-1,2-Dichloroethene	0.805	J	1.0	0.46	ug/L			10/31/24 12:10	1
cis-1,3-Dichloropropene	ND		1.0	0.61	ug/L			10/31/24 12:10	1
Cyclohexane	ND		1.0	0.48	ug/L			10/31/24 12:10	1
Chlorodibromomethane	ND		1.0	0.39	ug/L			10/31/24 12:10	1
Dichlorodifluoromethane	ND		1.0	0.35	ug/L			10/31/24 12:10	1
Ethylbenzene	ND		1.0	0.42	ug/L			10/31/24 12:10	1
Isopropylbenzene	ND		1.0	0.49	ug/L			10/31/24 12:10	1
Methyl acetate	ND		10	1.7	ug/L			10/31/24 12:10	1
Methyl tert-butyl ether	ND		1.0	0.47	ug/L			10/31/24 12:10	1
Methylcyclohexane	ND		1.0	0.33	ug/L			10/31/24 12:10	1
Methylene Chloride	ND		5.0	2.6	ug/L			10/31/24 12:10	1
Styrene	ND		1.0	0.45	ug/L			10/31/24 12:10	1
Tetrachloroethene	ND		1.0	0.44	ug/L			10/31/24 12:10	1
Toluene	ND		1.0	0.44	ug/L			10/31/24 12:10	1
trans-1,2-Dichloroethene	ND		1.0	0.51	ug/L			10/31/24 12:10	1
trans-1,3-Dichloropropene	ND		1.0	0.67	ug/L			10/31/24 12:10	1
Trichloroethene	ND		1.0	0.44	ug/L			10/31/24 12:10	1
Trichlorofluoromethane	ND		1.0	0.45	ug/L			10/31/24 12:10	1
Vinyl chloride	ND		1.0	0.45	ug/L			10/31/24 12:10	1
Xylenes, Total	ND		2.0	0.42	ug/L			10/31/24 12:10	1

Method: 8260D - Volatile Organic Compounds by GC/MS (Continued)

Lab Sample ID: MB 240-633324/7
Matrix: Water
Analysis Batch: 633324

Client Sample ID: Method Blank
Prep Type: Total/NA

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
Toluene-d8 (Surr)	*85*		*78 - 122*		*10/31/24 12:10*	*1*
Dibromofluoromethane (Surr)	*101*		*73 - 120*		*10/31/24 12:10*	*1*
4-Bromofluorobenzene (Surr)	*82*		*56 - 136*		*10/31/24 12:10*	*1*
1,2-Dichloroethane-d4 (Surr)	*97*		*62 - 137*		*10/31/24 12:10*	*1*

Lab Sample ID: LCS 240-633324/4
Matrix: Water
Analysis Batch: 633324

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
1,1,1-Trichloroethane	25.0	26.0		ug/L		104	64 - 131
1,1,2,2-Tetrachloroethane	25.0	23.3		ug/L		93	58 - 157
1,1,2-Trichloro-1,2,2-trifluoroethane	25.0	36.2		ug/L		145	51 - 146
1,1,2-Trichloroethane	25.0	25.2		ug/L		101	70 - 138
1,1-Dichloroethane	25.0	26.9		ug/L		107	72 - 127
1,1-Dichloroethene	25.0	30.2		ug/L		121	63 - 134
1,2,4-Trichlorobenzene	25.0	24.2		ug/L		97	44 - 147
1,2-Dibromo-3-Chloropropane	25.0	21.7		ug/L		87	53 - 135
Ethylene Dibromide	25.0	24.6		ug/L		98	71 - 134
1,2-Dichlorobenzene	25.0	25.2		ug/L		101	78 - 120
1,2-Dichloroethane	25.0	24.6		ug/L		98	66 - 128
1,2-Dichloropropane	25.0	23.1		ug/L		92	75 - 133
1,3-Dichlorobenzene	25.0	24.6		ug/L		98	80 - 120
1,4-Dichlorobenzene	25.0	24.8		ug/L		99	80 - 120
2-Butanone (MEK)	50.0	40.4		ug/L		81	54 - 156
2-Hexanone	50.0	40.2		ug/L		80	43 - 167
4-Methyl-2-pentanone (MIBK)	50.0	42.5		ug/L		85	46 - 158
Acetone	50.0	51.4		ug/L		103	50 - 149
Benzene	25.0	27.2		ug/L		109	77 - 123
Dichlorobromomethane	25.0	24.3		ug/L		97	69 - 126
Bromoform	25.0	26.8		ug/L		107	57 - 129
Bromomethane	12.5	16.1		ug/L		129	36 - 142
Carbon disulfide	25.0	31.7		ug/L		127	43 - 140
Carbon tetrachloride	25.0	27.2		ug/L		109	55 - 137
Chlorobenzene	25.0	26.4		ug/L		106	80 - 121
Chloroethane	12.5	14.1		ug/L		113	38 - 152
Chloroform	25.0	25.4		ug/L		102	74 - 122
Chloromethane	12.5	10.8		ug/L		87	47 - 143
cis-1,2-Dichloroethene	25.0	27.3		ug/L		109	77 - 123
cis-1,3-Dichloropropene	25.0	22.8		ug/L		91	64 - 130
Cyclohexane	25.0	26.2		ug/L		105	58 - 146
Chlorodibromomethane	25.0	23.3		ug/L		93	70 - 124
Dichlorodifluoromethane	12.5	9.33		ug/L		75	34 - 153
Ethylbenzene	25.0	25.3		ug/L		101	80 - 121
Isopropylbenzene	25.0	28.0		ug/L		112	74 - 128
Methyl acetate	50.0	39.7		ug/L		79	42 - 169
Methyl tert-butyl ether	25.0	25.8		ug/L		103	65 - 126
Methylcyclohexane	25.0	21.5		ug/L		86	62 - 136

Method: 8260D - Volatile Organic Compounds by GC/MS (Continued)

Lab Sample ID: LCS 240-633324/4
Matrix: Water
Analysis Batch: 633324

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Methylene Chloride	25.0	28.0		ug/L		112	71 - 125
Styrene	25.0	26.1		ug/L		104	80 - 135
Tetrachloroethene	25.0	27.1		ug/L		109	76 - 123
Toluene	25.0	23.0		ug/L		92	80 - 123
trans-1,2-Dichloroethene	25.0	27.7		ug/L		111	75 - 124
trans-1,3-Dichloropropene	25.0	22.3		ug/L		89	57 - 129
Trichloroethene	25.0	26.8		ug/L		107	70 - 122
Trichlorofluoromethane	12.5	22.3	*+	ug/L		178	30 - 170
Vinyl chloride	12.5	11.8		ug/L		95	60 - 144
Xylenes, Total	50.0	51.4		ug/L		103	80 - 121
m-Xylene & p-Xylene	25.0	25.6		ug/L		102	80 - 120
o-Xylene	25.0	25.8		ug/L		103	80 - 123

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
Toluene-d8 (Surr)	*94*		*78 - 122*
Dibromofluoromethane (Surr)	*103*		*73 - 120*
4-Bromofluorobenzene (Surr)	*97*		*56 - 136*
1,2-Dichloroethane-d4 (Surr)	*100*		*62 - 137*

Method: 8270E - Semivolatile Organic Compounds (GC/MS)

Lab Sample ID: MB 240-632414/1-A
Matrix: Solid
Analysis Batch: 632686

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 632414

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acenaphthene	ND		40	14	ug/Kg		10/25/24 08:31	10/28/24 10:07	1
Acenaphthylene	ND		40	15	ug/Kg		10/25/24 08:31	10/28/24 10:07	1
Anthracene	ND		40	12	ug/Kg		10/25/24 08:31	10/28/24 10:07	1
Benzo[a]anthracene	ND		40	15	ug/Kg		10/25/24 08:31	10/28/24 10:07	1
Benzo[a]pyrene	ND		40	14	ug/Kg		10/25/24 08:31	10/28/24 10:07	1
Benzo[b]fluoranthene	ND		40	12	ug/Kg		10/25/24 08:31	10/28/24 10:07	1
Benzo[g,h,i]perylene	ND		40	27	ug/Kg		10/25/24 08:31	10/28/24 10:07	1
Benzo[k]fluoranthene	ND		40	10	ug/Kg		10/25/24 08:31	10/28/24 10:07	1
Chrysene	ND		40	14	ug/Kg		10/25/24 08:31	10/28/24 10:07	1
Dibenz(a,h)anthracene	ND		40	15	ug/Kg		10/25/24 08:31	10/28/24 10:07	1
Fluoranthene	ND		40	14	ug/Kg		10/25/24 08:31	10/28/24 10:07	1
Fluorene	ND		40	14	ug/Kg		10/25/24 08:31	10/28/24 10:07	1
Indeno[1,2,3-cd]pyrene	ND		40	12	ug/Kg		10/25/24 08:31	10/28/24 10:07	1
Naphthalene	ND		40	13	ug/Kg		10/25/24 08:31	10/28/24 10:07	1
Phenanthrene	ND		40	13	ug/Kg		10/25/24 08:31	10/28/24 10:07	1
Pyrene	ND		40	16	ug/Kg		10/25/24 08:31	10/28/24 10:07	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2,4,6-Tribromophenol (Surr)	*65*		*10 - 120*	*10/25/24 08:31*	*10/28/24 10:07*	*1*
2-Fluorobiphenyl (Surr)	*86*		*36 - 120*	*10/25/24 08:31*	*10/28/24 10:07*	*1*
2-Fluorophenol (Surr)	*88*		*26 - 120*	*10/25/24 08:31*	*10/28/24 10:07*	*1*
Nitrobenzene-d5 (Surr)	*82*		*28 - 120*	*10/25/24 08:31*	*10/28/24 10:07*	*1*

Method: 8270E - Semivolatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: MB 240-632414/1-A
Matrix: Solid
Analysis Batch: 632686

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 632414

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
Phenol-d5 (Surr)	90		29 - 120	10/25/24 08:31	10/28/24 10:07	1
Terphenyl-d14 (Surr)	86		37 - 120	10/25/24 08:31	10/28/24 10:07	1

Lab Sample ID: LCS 240-632414/2-A
Matrix: Solid
Analysis Batch: 632686

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 632414

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Acenaphthene	1330	1110		ug/Kg		83	56 - 120
Acenaphthylene	1330	1110		ug/Kg		83	54 - 120
Anthracene	1330	1170		ug/Kg		88	59 - 120
Benzo[a]anthracene	1330	1100		ug/Kg		82	59 - 120
Benzo[a]pyrene	1330	1140		ug/Kg		85	54 - 120
Benzo[b]fluoranthene	1330	1050		ug/Kg		79	58 - 120
Benzo[g,h,i]perylene	1330	1220		ug/Kg		92	56 - 120
Benzo[k]fluoranthene	1330	1160		ug/Kg		87	59 - 120
Chrysene	1330	1100		ug/Kg		82	58 - 120
Dibenz(a,h)anthracene	1330	983		ug/Kg		74	54 - 120
Fluoranthene	1330	1150		ug/Kg		86	59 - 120
Fluorene	1330	1130		ug/Kg		85	56 - 120
Indeno[1,2,3-cd]pyrene	1330	1250		ug/Kg		94	53 - 120
Naphthalene	1330	1060		ug/Kg		80	54 - 120
Phenanthrene	1330	1140		ug/Kg		85	57 - 120
Pyrene	1330	1140		ug/Kg		85	59 - 120

Surrogate	LCS %Recovery	LCS Qualifier	Limits
2,4,6-Tribromophenol (Surr)	66		10 - 120
2-Fluorobiphenyl (Surr)	74		36 - 120
2-Fluorophenol (Surr)	77		26 - 120
Nitrobenzene-d5 (Surr)	80		28 - 120
Phenol-d5 (Surr)	82		29 - 120
Terphenyl-d14 (Surr)	69		37 - 120

Lab Sample ID: MB 240-632678/21-A
Matrix: Water
Analysis Batch: 632860

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 632678

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acenaphthene	ND		0.20	0.17	ug/L		10/28/24 08:35	10/29/24 13:17	1
Acenaphthylene	ND		0.20	0.13	ug/L		10/28/24 08:35	10/29/24 13:17	1
Anthracene	ND		0.20	0.14	ug/L		10/28/24 08:35	10/29/24 13:17	1
Benzo[a]anthracene	ND		0.20	0.068	ug/L		10/28/24 08:35	10/29/24 13:17	1
Benzo[a]pyrene	ND		0.20	0.17	ug/L		10/28/24 08:35	10/29/24 13:17	1
Benzo[b]fluoranthene	ND		0.20	0.15	ug/L		10/28/24 08:35	10/29/24 13:17	1
Benzo[g,h,i]perylene	ND		0.20	0.18	ug/L		10/28/24 08:35	10/29/24 13:17	1
Benzo[k]fluoranthene	ND		0.20	0.14	ug/L		10/28/24 08:35	10/29/24 13:17	1
Chrysene	ND		0.20	0.066	ug/L		10/28/24 08:35	10/29/24 13:17	1
Dibenz(a,h)anthracene	ND		0.20	0.15	ug/L		10/28/24 08:35	10/29/24 13:17	1

Method: 8270E - Semivolatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: MB 240-632678/21-A
Matrix: Water
Analysis Batch: 632860

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 632678

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Fluoranthene	ND		0.20	0.16	ug/L		10/28/24 08:35	10/29/24 13:17	1
Fluorene	ND		0.20	0.079	ug/L		10/28/24 08:35	10/29/24 13:17	1
Indeno[1,2,3-cd]pyrene	ND		0.20	0.14	ug/L		10/28/24 08:35	10/29/24 13:17	1
Naphthalene	ND		0.20	0.11	ug/L		10/28/24 08:35	10/29/24 13:17	1
Phenanthrene	ND		0.20	0.080	ug/L		10/28/24 08:35	10/29/24 13:17	1
Pyrene	ND		0.20	0.083	ug/L		10/28/24 08:35	10/29/24 13:17	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2,4,6-Tribromophenol (Surr)	*55*		*23 - 127*	*10/28/24 08:35*	*10/29/24 13:17*	*1*
2-Fluorobiphenyl (Surr)	*73*		*41 - 120*	*10/28/24 08:35*	*10/29/24 13:17*	*1*
2-Fluorophenol (Surr)	*53*		*10 - 127*	*10/28/24 08:35*	*10/29/24 13:17*	*1*
Nitrobenzene-d5 (Surr)	*72*		*40 - 120*	*10/28/24 08:35*	*10/29/24 13:17*	*1*
Phenol-d5 (Surr)	*58*		*10 - 120*	*10/28/24 08:35*	*10/29/24 13:17*	*1*
Terphenyl-d14 (Surr)	*79*		*43 - 136*	*10/28/24 08:35*	*10/29/24 13:17*	*1*

Lab Sample ID: LCS 240-632678/22-A
Matrix: Water
Analysis Batch: 632860

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 632678

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Acenaphthene	32.0	27.6		ug/L		86	50 - 120
Acenaphthylene	32.0	29.6		ug/L		93	49 - 120
Anthracene	32.0	31.9		ug/L		100	55 - 124
Benzo[a]anthracene	32.0	31.4		ug/L		98	55 - 130
Benzo[a]pyrene	32.0	30.4		ug/L		95	51 - 123
Benzo[b]fluoranthene	32.0	30.5		ug/L		95	51 - 130
Benzo[g,h,i]perylene	32.0	31.7		ug/L		99	55 - 135
Benzo[k]fluoranthene	32.0	30.9		ug/L		97	53 - 130
Chrysene	32.0	31.2		ug/L		98	52 - 126
Dibenz(a,h)anthracene	32.0	33.0		ug/L		103	57 - 132
Fluoranthene	32.0	35.1		ug/L		110	56 - 135
Fluorene	32.0	29.1		ug/L		91	52 - 124
Indeno[1,2,3-cd]pyrene	32.0	32.3		ug/L		101	55 - 134
Naphthalene	32.0	26.4		ug/L		82	46 - 120
Phenanthrene	32.0	31.7		ug/L		99	54 - 120
Pyrene	32.0	33.2		ug/L		104	53 - 135

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
2,4,6-Tribromophenol (Surr)	*111*		*23 - 127*
2-Fluorobiphenyl (Surr)	*84*		*41 - 120*
2-Fluorophenol (Surr)	*118*		*10 - 127*
Nitrobenzene-d5 (Surr)	*87*		*40 - 120*
Phenol-d5 (Surr)	*73*		*10 - 120*
Terphenyl-d14 (Surr)	*93*		*43 - 136*

Method: 6010D - Metals (ICP)

Lab Sample ID: MB 240-632149/1-A
Matrix: Solid
Analysis Batch: 632298

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 632149

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	ND		1.5	0.32	mg/Kg		10/23/24 15:00	10/24/24 22:11	1
Barium	ND		20	0.13	mg/Kg		10/23/24 15:00	10/24/24 22:11	1
Cadmium	ND		0.50	0.048	mg/Kg		10/23/24 15:00	10/24/24 22:11	1
Chromium	ND		1.0	0.34	mg/Kg		10/23/24 15:00	10/24/24 22:11	1
Copper	ND		2.5	0.70	mg/Kg		10/23/24 15:00	10/24/24 22:11	1
Lead	ND		1.0	0.28	mg/Kg		10/23/24 15:00	10/24/24 22:11	1
Selenium	ND		2.0	0.47	mg/Kg		10/23/24 15:00	10/24/24 22:11	1
Silver	ND		1.0	0.081	mg/Kg		10/23/24 15:00	10/24/24 22:11	1
Zinc	ND		5.0	3.6	mg/Kg		10/23/24 15:00	10/24/24 22:11	1

Lab Sample ID: LCS 240-632149/2-A
Matrix: Solid
Analysis Batch: 632298

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 632149

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Arsenic	200	188		mg/Kg		94	80 - 120
Barium	200	182		mg/Kg		91	80 - 120
Cadmium	100	94.2		mg/Kg		94	80 - 120
Chromium	100	87.8		mg/Kg		88	80 - 120
Copper	100	88.7		mg/Kg		89	80 - 120
Lead	100	88.9		mg/Kg		89	80 - 120
Selenium	200	186		mg/Kg		93	80 - 120
Silver	10.0	9.20		mg/Kg		92	80 - 120
Zinc	100	91.8		mg/Kg		92	80 - 120

Lab Sample ID: 240-213542-1 MS
Matrix: Solid
Analysis Batch: 632298

Client Sample ID: T2-1250-S-2.0
Prep Type: Total/NA
Prep Batch: 632149

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Arsenic	12		204	187		mg/Kg	☼	86	75 - 125
Barium	89		204	289		mg/Kg	☼	98	75 - 125
Cadmium	0.091	J	102	88.9		mg/Kg	☼	87	75 - 125
Chromium	20		102	103		mg/Kg	☼	81	75 - 125
Copper	19		102	101		mg/Kg	☼	80	75 - 125
Lead	15		102	94.1		mg/Kg	☼	77	75 - 125
Selenium	ND		204	173		mg/Kg	☼	85	75 - 125
Silver	ND		10.2	8.85		mg/Kg	☼	87	75 - 125
Zinc	130	F1	102	202	F1	mg/Kg	☼	68	75 - 125

Lab Sample ID: 240-213542-1 MSD
Matrix: Solid
Analysis Batch: 632298

Client Sample ID: T2-1250-S-2.0
Prep Type: Total/NA
Prep Batch: 632149

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Arsenic	12		204	188		mg/Kg	☼	86	75 - 125	1	20
Barium	89		204	273		mg/Kg	☼	90	75 - 125	6	20
Cadmium	0.091	J	102	89.9		mg/Kg	☼	88	75 - 125	1	20
Chromium	20		102	104		mg/Kg	☼	82	75 - 125	1	20

Method: 6010D - Metals (ICP) (Continued)

Lab Sample ID: 240-213542-1 MSD
Matrix: Solid
Analysis Batch: 632298

Client Sample ID: T2-1250-S-2.0
Prep Type: Total/NA
Prep Batch: 632149

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Copper	19		102	99.4		mg/Kg	☼	79	75 - 125	1	20
Lead	15		102	96.1		mg/Kg	☼	79	75 - 125	2	20
Selenium	ND		204	172		mg/Kg	☼	84	75 - 125	1	20
Silver	ND		10.2	8.88		mg/Kg	☼	87	75 - 125	0	20
Zinc	130	F1	102	244		mg/Kg	☼	108	75 - 125	19	20

Lab Sample ID: MB 240-632729/1-A
Matrix: Water
Analysis Batch: 633175

Client Sample ID: Method Blank
Prep Type: Total Recoverable
Prep Batch: 632729

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	ND		15	4.1	ug/L		10/28/24 14:00	10/30/24 17:59	1
Barium	ND		200	1.3	ug/L		10/28/24 14:00	10/30/24 17:59	1
Cadmium	ND		5.0	0.45	ug/L		10/28/24 14:00	10/30/24 17:59	1
Chromium	ND		10	0.76	ug/L		10/28/24 14:00	10/30/24 17:59	1
Copper	ND		25	3.5	ug/L		10/28/24 14:00	10/30/24 17:59	1
Lead	ND		10	2.8	ug/L		10/28/24 14:00	10/30/24 17:59	1
Selenium	ND		20	6.0	ug/L		10/28/24 14:00	10/30/24 17:59	1
Silver	ND		10	1.4	ug/L		10/28/24 14:00	10/30/24 17:59	1
Zinc	ND		50	23	ug/L		10/28/24 14:00	10/30/24 17:59	1

Lab Sample ID: LCS 240-632729/2-A
Matrix: Water
Analysis Batch: 633175

Client Sample ID: Lab Control Sample
Prep Type: Total Recoverable
Prep Batch: 632729

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Arsenic	2000	2090		ug/L		105	80 - 120
Barium	2000	2000		ug/L		100	80 - 120
Cadmium	1000	1020		ug/L		102	80 - 120
Chromium	1000	999		ug/L		100	80 - 120
Copper	1000	973		ug/L		97	80 - 120
Lead	1000	965		ug/L		96	80 - 120
Selenium	2000	2090		ug/L		105	80 - 120
Silver	100	98.4		ug/L		98	80 - 120
Zinc	1000	1040		ug/L		104	80 - 120

Method: 7470A - Mercury (CVAA)

Lab Sample ID: MB 240-632289/1-A
Matrix: Water
Analysis Batch: 632558

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 632289

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	ND		0.20	0.13	ug/L		10/24/24 14:00	10/25/24 13:47	1

Method: 7470A - Mercury (CVAA) (Continued)

Lab Sample ID: LCS 240-632289/2-A
Matrix: Water
Analysis Batch: 632558

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 632289

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
Mercury			5.00	4.92		ug/L		98	80 - 120		

Method: 7471B - Mercury (CVAA)

Lab Sample ID: MB 240-632151/1-A
Matrix: Solid
Analysis Batch: 632319

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 632151

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	ND		0.10	0.018	mg/Kg		10/23/24 15:00	10/24/24 10:09	1

Lab Sample ID: LCS 240-632151/2-A
Matrix: Solid
Analysis Batch: 632319

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 632151

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
Mercury			0.833	0.948		mg/Kg		114	80 - 120		

Lab Sample ID: 240-213542-1 MS
Matrix: Solid
Analysis Batch: 632319

Client Sample ID: T2-1250-S-2.0
Prep Type: Total/NA
Prep Batch: 632151

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits		
Mercury	ND		0.204	0.239		mg/Kg	☼	117	80 - 120		

Lab Sample ID: 240-213542-1 MSD
Matrix: Solid
Analysis Batch: 632319

Client Sample ID: T2-1250-S-2.0
Prep Type: Total/NA
Prep Batch: 632151

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Mercury	ND		0.204	0.237		mg/Kg	☼	116	80 - 120	1	20

Method: 7196A - Chromium, Hexavalent

Lab Sample ID: MB 410-571034/1-A
Matrix: Solid
Analysis Batch: 571645

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 571034

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cr (VI)	ND		0.42	0.14	mg/Kg		11/04/24 11:49	11/05/24 18:28	1

Lab Sample ID: LCS 410-571034/2-A
Matrix: Solid
Analysis Batch: 571645

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 571034

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
Cr (VI)			5.00	5.05		mg/Kg		101	80 - 120		

Method: 7196A - Chromium, Hexavalent (Continued)

Lab Sample ID: LCSI 410-571034/3-A
Matrix: Solid
Analysis Batch: 571645

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 571034

Analyte			Spike Added	LCSI Result	LCSI Qualifier	Unit	D	%Rec	%Rec Limits		
Cr (VI)			695	680		mg/Kg		98	80 - 120		

Lab Sample ID: MB 240-631972/9
Matrix: Water
Analysis Batch: 631972

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chromium, hexavalent	ND		0.020	0.0070	mg/L			10/22/24 16:40	1

Lab Sample ID: LCS 240-631972/10
Matrix: Water
Analysis Batch: 631972

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
Chromium, hexavalent			0.250	0.249		mg/L		100	85 - 115		

Lab Sample ID: 240-213542-15 MS
Matrix: Water
Analysis Batch: 631972

Client Sample ID: T2-1250-C-SW
Prep Type: Dissolved

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits		
Chromium, hexavalent	ND		0.250	0.236		mg/L		95	85 - 115		

Lab Sample ID: 240-213542-15 MSD
Matrix: Water
Analysis Batch: 631972

Client Sample ID: T2-1250-C-SW
Prep Type: Dissolved

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Chromium, hexavalent	ND		0.250	0.238		mg/L		95	85 - 115	1	20

Method: 9012B - Cyanide, Total andor Amenable

Lab Sample ID: MB 240-633093/1-A
Matrix: Water
Analysis Batch: 633158

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 633093

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cyanide, Total	ND		0.010	0.0060	mg/L		10/30/24 08:38	10/30/24 09:53	1

Lab Sample ID: LCS 240-633093/2-A
Matrix: Water
Analysis Batch: 633158

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 633093

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
Cyanide, Total			0.327	0.333		mg/L		102	85 - 115		

Method: 9012B - Cyanide, Total andor Amenable (Continued)

Lab Sample ID: MRL 240-633158/10
Matrix: Water
Analysis Batch: 633158

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte			Spike Added	MRL Result	MRL Qualifier	Unit	D	%Rec	%Rec Limits		
Cyanide, Total			0.0100	0.0120		mg/L		120	70 - 130		

Lab Sample ID: MB 240-633514/1-A
Matrix: Solid
Analysis Batch: 633601

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 633514

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cyanide, Total	ND		0.45	0.35	mg/Kg		11/01/24 10:13	11/01/24 12:30	1

Lab Sample ID: LCS 240-633514/2-A
Matrix: Solid
Analysis Batch: 633601

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 633514

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
Cyanide, Total			7.01	6.80		mg/Kg		97	65 - 128		

Lab Sample ID: MRL 240-633601/10
Matrix: Solid
Analysis Batch: 633601

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte			Spike Added	MRL Result	MRL Qualifier	Unit	D	%Rec	%Rec Limits		
Cyanide, Total			0.0100	0.0118		mg/L		118	70 - 130		

Method: Moisture - Percent Moisture

Lab Sample ID: 240-213542-4 DU
Matrix: Solid
Analysis Batch: 632106

Client Sample ID: T2-1375-N-0.0
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier		DU Result	DU Qualifier	Unit	D			RPD	RPD Limit
Percent Solids	52.1			52.0		%				0.3	20
Percent Moisture	47.9			48.0		%				0.4	20

Lab Sample ID: 240-213542-13 DU
Matrix: Solid
Analysis Batch: 632106

Client Sample ID: T2-1625-S-0.0
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier		DU Result	DU Qualifier	Unit	D			RPD	RPD Limit
Percent Solids	76.7			81.3		%				6	20
Percent Moisture	23.3			18.7	F3	%				22	20

Method: OIA-1677 - Cyanide, Free (Flow Injection)

Lab Sample ID: MB 410-571173/17
Matrix: Water
Analysis Batch: 571173

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cyanide, Free	ND		0.0060	0.0050	mg/L			11/04/24 14:19	1

Method: OIA-1677 - Cyanide, Free (Flow Injection) (Continued)

Lab Sample ID: MB 410-571173/33
Matrix: Solid
Analysis Batch: 571173

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cyanide, Free	ND		0.0060	0.0050	mg/L			11/04/24 14:59	1

Lab Sample ID: MB 410-571173/49
Matrix: Solid
Analysis Batch: 571173

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cyanide, Free	ND		0.0060	0.0050	mg/L			11/04/24 15:39	1

Lab Sample ID: LCS 410-571173/16
Matrix: Water
Analysis Batch: 571173

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Cyanide, Free	0.0500	0.0455		mg/L		91	82 - 132

Lab Sample ID: LCS 410-571173/48
Matrix: Solid
Analysis Batch: 571173

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Cyanide, Free	0.0500	0.0533		mg/L		107	82 - 132

Lab Sample ID: MB 410-571686/17
Matrix: Solid
Analysis Batch: 571686

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cyanide, Free	ND		0.0060	0.0050	mg/L			11/05/24 12:51	1

Lab Sample ID: MB 410-571686/33
Matrix: Solid
Analysis Batch: 571686

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cyanide, Free	ND		0.0060	0.0050	mg/L			11/05/24 13:31	1

Lab Sample ID: LCS 410-571686/16
Matrix: Solid
Analysis Batch: 571686

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Cyanide, Free	0.0500	0.0528		mg/L		106	82 - 132

Lab Sample ID: LCS 410-571686/32
Matrix: Solid
Analysis Batch: 571686

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Cyanide, Free	0.0500	0.0545		mg/L		109	82 - 132

Method: OIA-1677 - Cyanide, Free (Flow Injection)

Lab Sample ID: 240-213542-13 MS
Matrix: Solid
Analysis Batch: 571686

Client Sample ID: T2-1625-S-0.0
Prep Type: ASTM Leach

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Cyanide, Free	0.013		0.0500	0.0757		mg/L		126	82 - 130

Lab Sample ID: 240-213542-13 MSD
Matrix: Solid
Analysis Batch: 571686

Client Sample ID: T2-1625-S-0.0
Prep Type: ASTM Leach

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Cyanide, Free	0.013		0.0500	0.0761		mg/L		127	82 - 130	1	11

GC/MS VOA

Analysis Batch: 633324

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
240-213542-16	TB-3-20241022	Total/NA	Water	8260D	
240-213542-17	TB-4-20241022	Total/NA	Water	8260D	
240-213542-18	TB-5-20241022	Total/NA	Water	8260D	
MB 240-633324/7	Method Blank	Total/NA	Water	8260D	
LCS 240-633324/4	Lab Control Sample	Total/NA	Water	8260D	

GC/MS Semi VOA

Prep Batch: 632414

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
240-213542-1	T2-1250-S-2.0	Total/NA	Solid	3546	
240-213542-2	T2-1250-N-0.0	Total/NA	Solid	3546	
240-213542-3	T2-1250-N-2.0	Total/NA	Solid	3546	
240-213542-4	T2-1375-N-0.0	Total/NA	Solid	3546	
240-213542-5	T2-1375-N-2.0	Total/NA	Solid	3546	
240-213542-6	T2-1375-S-0.0	Total/NA	Solid	3546	
240-213542-7	DUP-2-20241022	Total/NA	Solid	3546	
240-213542-8	T2-1375-S-2.0	Total/NA	Solid	3546	
240-213542-9	T2-1500-S-0.0	Total/NA	Solid	3546	
240-213542-10	T2-1500-S-2.0	Total/NA	Solid	3546	
240-213542-11	T2-1500-N-0.0	Total/NA	Solid	3546	
240-213542-12	T2-1500-N-2.0	Total/NA	Solid	3546	
240-213542-13	T2-1625-S-0.0	Total/NA	Solid	3546	
240-213542-14	DUP-3-20241022	Total/NA	Solid	3546	
MB 240-632414/1-A	Method Blank	Total/NA	Solid	3546	
LCS 240-632414/2-A	Lab Control Sample	Total/NA	Solid	3546	

Prep Batch: 632678

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
240-213542-15	T2-1250-C-SW	Total/NA	Water	3510C LVI	
MB 240-632678/21-A	Method Blank	Total/NA	Water	3510C LVI	
LCS 240-632678/22-A	Lab Control Sample	Total/NA	Water	3510C LVI	

Analysis Batch: 632686

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
240-213542-1	T2-1250-S-2.0	Total/NA	Solid	8270E	632414
240-213542-2	T2-1250-N-0.0	Total/NA	Solid	8270E	632414
240-213542-3	T2-1250-N-2.0	Total/NA	Solid	8270E	632414
240-213542-4	T2-1375-N-0.0	Total/NA	Solid	8270E	632414
240-213542-5	T2-1375-N-2.0	Total/NA	Solid	8270E	632414
240-213542-6	T2-1375-S-0.0	Total/NA	Solid	8270E	632414
240-213542-7	DUP-2-20241022	Total/NA	Solid	8270E	632414
240-213542-8	T2-1375-S-2.0	Total/NA	Solid	8270E	632414
240-213542-9	T2-1500-S-0.0	Total/NA	Solid	8270E	632414
240-213542-10	T2-1500-S-2.0	Total/NA	Solid	8270E	632414
240-213542-11	T2-1500-N-0.0	Total/NA	Solid	8270E	632414
240-213542-12	T2-1500-N-2.0	Total/NA	Solid	8270E	632414
240-213542-13	T2-1625-S-0.0	Total/NA	Solid	8270E	632414
240-213542-14	DUP-3-20241022	Total/NA	Solid	8270E	632414
MB 240-632414/1-A	Method Blank	Total/NA	Solid	8270E	632414
LCS 240-632414/2-A	Lab Control Sample	Total/NA	Solid	8270E	632414

GC/MS Semi VOA

Analysis Batch: 632860

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
MB 240-632678/21-A	Method Blank	Total/NA	Water	8270E	632678
LCS 240-632678/22-A	Lab Control Sample	Total/NA	Water	8270E	632678

Analysis Batch: 633270

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
240-213542-15	T2-1250-C-SW	Total/NA	Water	8270E	632678

Metals

Prep Batch: 632149

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
240-213542-1	T2-1250-S-2.0	Total/NA	Solid	3050B	
240-213542-2	T2-1250-N-0.0	Total/NA	Solid	3050B	
240-213542-3	T2-1250-N-2.0	Total/NA	Solid	3050B	
240-213542-4	T2-1375-N-0.0	Total/NA	Solid	3050B	
240-213542-5	T2-1375-N-2.0	Total/NA	Solid	3050B	
240-213542-6	T2-1375-S-0.0	Total/NA	Solid	3050B	
240-213542-7	DUP-2-20241022	Total/NA	Solid	3050B	
240-213542-8	T2-1375-S-2.0	Total/NA	Solid	3050B	
240-213542-9	T2-1500-S-0.0	Total/NA	Solid	3050B	
240-213542-10	T2-1500-S-2.0	Total/NA	Solid	3050B	
240-213542-11	T2-1500-N-0.0	Total/NA	Solid	3050B	
240-213542-12	T2-1500-N-2.0	Total/NA	Solid	3050B	
240-213542-13	T2-1625-S-0.0	Total/NA	Solid	3050B	
240-213542-14	DUP-3-20241022	Total/NA	Solid	3050B	
MB 240-632149/1-A	Method Blank	Total/NA	Solid	3050B	
LCS 240-632149/2-A	Lab Control Sample	Total/NA	Solid	3050B	
240-213542-1 MS	T2-1250-S-2.0	Total/NA	Solid	3050B	
240-213542-1 MSD	T2-1250-S-2.0	Total/NA	Solid	3050B	

Prep Batch: 632151

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
240-213542-1	T2-1250-S-2.0	Total/NA	Solid	7471B	
240-213542-2	T2-1250-N-0.0	Total/NA	Solid	7471B	
240-213542-3	T2-1250-N-2.0	Total/NA	Solid	7471B	
240-213542-4	T2-1375-N-0.0	Total/NA	Solid	7471B	
240-213542-5	T2-1375-N-2.0	Total/NA	Solid	7471B	
240-213542-6	T2-1375-S-0.0	Total/NA	Solid	7471B	
240-213542-7	DUP-2-20241022	Total/NA	Solid	7471B	
240-213542-8	T2-1375-S-2.0	Total/NA	Solid	7471B	
240-213542-9	T2-1500-S-0.0	Total/NA	Solid	7471B	
240-213542-10	T2-1500-S-2.0	Total/NA	Solid	7471B	
240-213542-11	T2-1500-N-0.0	Total/NA	Solid	7471B	
240-213542-12	T2-1500-N-2.0	Total/NA	Solid	7471B	
240-213542-13	T2-1625-S-0.0	Total/NA	Solid	7471B	
240-213542-14	DUP-3-20241022	Total/NA	Solid	7471B	
MB 240-632151/1-A	Method Blank	Total/NA	Solid	7471B	
LCS 240-632151/2-A	Lab Control Sample	Total/NA	Solid	7471B	
240-213542-1 MS	T2-1250-S-2.0	Total/NA	Solid	7471B	
240-213542-1 MSD	T2-1250-S-2.0	Total/NA	Solid	7471B	

Metals

Prep Batch: 632289

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
240-213542-15	T2-1250-C-SW	Dissolved	Water	7470A	
240-213542-15	T2-1250-C-SW	Total/NA	Water	7470A	
MB 240-632289/1-A	Method Blank	Total/NA	Water	7470A	
LCS 240-632289/2-A	Lab Control Sample	Total/NA	Water	7470A	

Analysis Batch: 632298

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
240-213542-1	T2-1250-S-2.0	Total/NA	Solid	6010D	632149
240-213542-2	T2-1250-N-0.0	Total/NA	Solid	6010D	632149
240-213542-3	T2-1250-N-2.0	Total/NA	Solid	6010D	632149
240-213542-4	T2-1375-N-0.0	Total/NA	Solid	6010D	632149
240-213542-5	T2-1375-N-2.0	Total/NA	Solid	6010D	632149
240-213542-6	T2-1375-S-0.0	Total/NA	Solid	6010D	632149
240-213542-7	DUP-2-20241022	Total/NA	Solid	6010D	632149
240-213542-8	T2-1375-S-2.0	Total/NA	Solid	6010D	632149
240-213542-9	T2-1500-S-0.0	Total/NA	Solid	6010D	632149
240-213542-10	T2-1500-S-2.0	Total/NA	Solid	6010D	632149
240-213542-11	T2-1500-N-0.0	Total/NA	Solid	6010D	632149
240-213542-12	T2-1500-N-2.0	Total/NA	Solid	6010D	632149
240-213542-13	T2-1625-S-0.0	Total/NA	Solid	6010D	632149
240-213542-14	DUP-3-20241022	Total/NA	Solid	6010D	632149
MB 240-632149/1-A	Method Blank	Total/NA	Solid	6010D	632149
LCS 240-632149/2-A	Lab Control Sample	Total/NA	Solid	6010D	632149
240-213542-1 MS	T2-1250-S-2.0	Total/NA	Solid	6010D	632149
240-213542-1 MSD	T2-1250-S-2.0	Total/NA	Solid	6010D	632149

Analysis Batch: 632319

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
240-213542-1	T2-1250-S-2.0	Total/NA	Solid	7471B	632151
240-213542-2	T2-1250-N-0.0	Total/NA	Solid	7471B	632151
240-213542-3	T2-1250-N-2.0	Total/NA	Solid	7471B	632151
240-213542-4	T2-1375-N-0.0	Total/NA	Solid	7471B	632151
240-213542-5	T2-1375-N-2.0	Total/NA	Solid	7471B	632151
240-213542-6	T2-1375-S-0.0	Total/NA	Solid	7471B	632151
240-213542-7	DUP-2-20241022	Total/NA	Solid	7471B	632151
240-213542-8	T2-1375-S-2.0	Total/NA	Solid	7471B	632151
240-213542-9	T2-1500-S-0.0	Total/NA	Solid	7471B	632151
240-213542-10	T2-1500-S-2.0	Total/NA	Solid	7471B	632151
240-213542-11	T2-1500-N-0.0	Total/NA	Solid	7471B	632151
240-213542-12	T2-1500-N-2.0	Total/NA	Solid	7471B	632151
240-213542-13	T2-1625-S-0.0	Total/NA	Solid	7471B	632151
240-213542-14	DUP-3-20241022	Total/NA	Solid	7471B	632151
MB 240-632151/1-A	Method Blank	Total/NA	Solid	7471B	632151
LCS 240-632151/2-A	Lab Control Sample	Total/NA	Solid	7471B	632151
240-213542-1 MS	T2-1250-S-2.0	Total/NA	Solid	7471B	632151
240-213542-1 MSD	T2-1250-S-2.0	Total/NA	Solid	7471B	632151

Analysis Batch: 632536

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
240-213542-2	T2-1250-N-0.0	Total/NA	Solid	6010D	632149
240-213542-4	T2-1375-N-0.0	Total/NA	Solid	6010D	632149

Metals (Continued)

Analysis Batch: 632536 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
240-213542-11	T2-1500-N-0.0	Total/NA	Solid	6010D	632149
240-213542-13	T2-1625-S-0.0	Total/NA	Solid	6010D	632149

Analysis Batch: 632558

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
240-213542-15	T2-1250-C-SW	Dissolved	Water	7470A	632289
240-213542-15	T2-1250-C-SW	Total/NA	Water	7470A	632289
MB 240-632289/1-A	Method Blank	Total/NA	Water	7470A	632289
LCS 240-632289/2-A	Lab Control Sample	Total/NA	Water	7470A	632289

Prep Batch: 632729

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
240-213542-15	T2-1250-C-SW	Dissolved	Water	3005A	
240-213542-15	T2-1250-C-SW	Total Recoverable	Water	3005A	
MB 240-632729/1-A	Method Blank	Total Recoverable	Water	3005A	
LCS 240-632729/2-A	Lab Control Sample	Total Recoverable	Water	3005A	

Analysis Batch: 633175

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
240-213542-15	T2-1250-C-SW	Dissolved	Water	6010D	632729
240-213542-15	T2-1250-C-SW	Total Recoverable	Water	6010D	632729
MB 240-632729/1-A	Method Blank	Total Recoverable	Water	6010D	632729
LCS 240-632729/2-A	Lab Control Sample	Total Recoverable	Water	6010D	632729

General Chemistry

Leach Batch: 568951

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
240-213542-1	T2-1250-S-2.0	ASTM Leach	Solid	D3987-85	
240-213542-2	T2-1250-N-0.0	ASTM Leach	Solid	D3987-85	
240-213542-3	T2-1250-N-2.0	ASTM Leach	Solid	D3987-85	
240-213542-4	T2-1375-N-0.0	ASTM Leach	Solid	D3987-85	
240-213542-5	T2-1375-N-2.0	ASTM Leach	Solid	D3987-85	
240-213542-6	T2-1375-S-0.0	ASTM Leach	Solid	D3987-85	
240-213542-7	DUP-2-20241022	ASTM Leach	Solid	D3987-85	
240-213542-8	T2-1375-S-2.0	ASTM Leach	Solid	D3987-85	
240-213542-9	T2-1500-S-0.0	ASTM Leach	Solid	D3987-85	
240-213542-10	T2-1500-S-2.0	ASTM Leach	Solid	D3987-85	
240-213542-11	T2-1500-N-0.0	ASTM Leach	Solid	D3987-85	
240-213542-12	T2-1500-N-2.0	ASTM Leach	Solid	D3987-85	
240-213542-13	T2-1625-S-0.0	ASTM Leach	Solid	D3987-85	
240-213542-14	DUP-3-20241022	ASTM Leach	Solid	D3987-85	
240-213542-13 MS	T2-1625-S-0.0	ASTM Leach	Solid	D3987-85	
240-213542-13 MSD	T2-1625-S-0.0	ASTM Leach	Solid	D3987-85	

Prep Batch: 571034

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
240-213542-1	T2-1250-S-2.0	Total/NA	Solid	3060A	
240-213542-2	T2-1250-N-0.0	Total/NA	Solid	3060A	
240-213542-3	T2-1250-N-2.0	Total/NA	Solid	3060A	
240-213542-4	T2-1375-N-0.0	Total/NA	Solid	3060A	

General Chemistry (Continued)

Prep Batch: 571034 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
240-213542-5	T2-1375-N-2.0	Total/NA	Solid	3060A	
240-213542-6	T2-1375-S-0.0	Total/NA	Solid	3060A	
240-213542-7	DUP-2-20241022	Total/NA	Solid	3060A	
240-213542-8	T2-1375-S-2.0	Total/NA	Solid	3060A	
240-213542-9	T2-1500-S-0.0	Total/NA	Solid	3060A	
240-213542-10	T2-1500-S-2.0	Total/NA	Solid	3060A	
240-213542-11	T2-1500-N-0.0	Total/NA	Solid	3060A	
240-213542-12	T2-1500-N-2.0	Total/NA	Solid	3060A	
240-213542-13	T2-1625-S-0.0	Total/NA	Solid	3060A	
240-213542-14	DUP-3-20241022	Total/NA	Solid	3060A	
MB 410-571034/1-A	Method Blank	Total/NA	Solid	3060A	
LCS 410-571034/2-A	Lab Control Sample	Total/NA	Solid	3060A	
LCSI 410-571034/3-A	Lab Control Sample	Total/NA	Solid	3060A	

Analysis Batch: 571173

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
240-213542-1	T2-1250-S-2.0	ASTM Leach	Solid	OIA-1677	568951
240-213542-2	T2-1250-N-0.0	ASTM Leach	Solid	OIA-1677	568951
240-213542-3	T2-1250-N-2.0	ASTM Leach	Solid	OIA-1677	568951
240-213542-4	T2-1375-N-0.0	ASTM Leach	Solid	OIA-1677	568951
240-213542-5	T2-1375-N-2.0	ASTM Leach	Solid	OIA-1677	568951
240-213542-6	T2-1375-S-0.0	ASTM Leach	Solid	OIA-1677	568951
240-213542-7	DUP-2-20241022	ASTM Leach	Solid	OIA-1677	568951
240-213542-15	T2-1250-C-SW	Total/NA	Water	OIA-1677	
MB 410-571173/17	Method Blank	Total/NA	Water	OIA-1677	
MB 410-571173/33	Method Blank	Total/NA	Solid	OIA-1677	
MB 410-571173/49	Method Blank	Total/NA	Solid	OIA-1677	
LCS 410-571173/16	Lab Control Sample	Total/NA	Water	OIA-1677	
LCS 410-571173/48	Lab Control Sample	Total/NA	Solid	OIA-1677	

Analysis Batch: 571645

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
240-213542-1	T2-1250-S-2.0	Total/NA	Solid	7196A	571034
240-213542-2	T2-1250-N-0.0	Total/NA	Solid	7196A	571034
240-213542-3	T2-1250-N-2.0	Total/NA	Solid	7196A	571034
240-213542-4	T2-1375-N-0.0	Total/NA	Solid	7196A	571034
240-213542-5	T2-1375-N-2.0	Total/NA	Solid	7196A	571034
240-213542-6	T2-1375-S-0.0	Total/NA	Solid	7196A	571034
240-213542-7	DUP-2-20241022	Total/NA	Solid	7196A	571034
240-213542-8	T2-1375-S-2.0	Total/NA	Solid	7196A	571034
240-213542-9	T2-1500-S-0.0	Total/NA	Solid	7196A	571034
240-213542-10	T2-1500-S-2.0	Total/NA	Solid	7196A	571034
240-213542-11	T2-1500-N-0.0	Total/NA	Solid	7196A	571034
240-213542-12	T2-1500-N-2.0	Total/NA	Solid	7196A	571034
240-213542-13	T2-1625-S-0.0	Total/NA	Solid	7196A	571034
240-213542-14	DUP-3-20241022	Total/NA	Solid	7196A	571034
MB 410-571034/1-A	Method Blank	Total/NA	Solid	7196A	571034
LCS 410-571034/2-A	Lab Control Sample	Total/NA	Solid	7196A	571034
LCSI 410-571034/3-A	Lab Control Sample	Total/NA	Solid	7196A	571034

General Chemistry

Analysis Batch: 571686

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
240-213542-8	T2-1375-S-2.0	ASTM Leach	Solid	OIA-1677	568951
240-213542-9	T2-1500-S-0.0	ASTM Leach	Solid	OIA-1677	568951
240-213542-10	T2-1500-S-2.0	ASTM Leach	Solid	OIA-1677	568951
240-213542-11	T2-1500-N-0.0	ASTM Leach	Solid	OIA-1677	568951
240-213542-12	T2-1500-N-2.0	ASTM Leach	Solid	OIA-1677	568951
240-213542-13	T2-1625-S-0.0	ASTM Leach	Solid	OIA-1677	568951
240-213542-14	DUP-3-20241022	ASTM Leach	Solid	OIA-1677	568951
MB 410-571686/17	Method Blank	Total/NA	Solid	OIA-1677	
MB 410-571686/33	Method Blank	Total/NA	Solid	OIA-1677	
LCS 410-571686/16	Lab Control Sample	Total/NA	Solid	OIA-1677	
LCS 410-571686/32	Lab Control Sample	Total/NA	Solid	OIA-1677	
240-213542-13 MS	T2-1625-S-0.0	ASTM Leach	Solid	OIA-1677	568951
240-213542-13 MSD	T2-1625-S-0.0	ASTM Leach	Solid	OIA-1677	568951

Analysis Batch: 631972

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
240-213542-15	T2-1250-C-SW	Dissolved	Water	7196A	
240-213542-15	T2-1250-C-SW	Total/NA	Water	7196A	
MB 240-631972/9	Method Blank	Total/NA	Water	7196A	
LCS 240-631972/10	Lab Control Sample	Total/NA	Water	7196A	
240-213542-15 MS	T2-1250-C-SW	Dissolved	Water	7196A	
240-213542-15 MSD	T2-1250-C-SW	Dissolved	Water	7196A	

Analysis Batch: 632106

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
240-213542-1	T2-1250-S-2.0	Total/NA	Solid	Moisture	
240-213542-2	T2-1250-N-0.0	Total/NA	Solid	Moisture	
240-213542-3	T2-1250-N-2.0	Total/NA	Solid	Moisture	
240-213542-4	T2-1375-N-0.0	Total/NA	Solid	Moisture	
240-213542-5	T2-1375-N-2.0	Total/NA	Solid	Moisture	
240-213542-6	T2-1375-S-0.0	Total/NA	Solid	Moisture	
240-213542-7	DUP-2-20241022	Total/NA	Solid	Moisture	
240-213542-8	T2-1375-S-2.0	Total/NA	Solid	Moisture	
240-213542-9	T2-1500-S-0.0	Total/NA	Solid	Moisture	
240-213542-10	T2-1500-S-2.0	Total/NA	Solid	Moisture	
240-213542-11	T2-1500-N-0.0	Total/NA	Solid	Moisture	
240-213542-12	T2-1500-N-2.0	Total/NA	Solid	Moisture	
240-213542-13	T2-1625-S-0.0	Total/NA	Solid	Moisture	
240-213542-14	DUP-3-20241022	Total/NA	Solid	Moisture	
240-213542-4 DU	T2-1375-N-0.0	Total/NA	Solid	Moisture	
240-213542-13 DU	T2-1625-S-0.0	Total/NA	Solid	Moisture	

Prep Batch: 633093

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
240-213542-15	T2-1250-C-SW	Total/NA	Water	9012B	
MB 240-633093/1-A	Method Blank	Total/NA	Water	9012B	
LCS 240-633093/2-A	Lab Control Sample	Total/NA	Water	9012B	

Analysis Batch: 633158

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
240-213542-15	T2-1250-C-SW	Total/NA	Water	9012B	633093

General Chemistry (Continued)

Analysis Batch: 633158 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
MB 240-633093/1-A	Method Blank	Total/NA	Water	9012B	633093
LCS 240-633093/2-A	Lab Control Sample	Total/NA	Water	9012B	633093
MRL 240-633158/10	Lab Control Sample	Total/NA	Water	9012B	

Prep Batch: 633514

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
240-213542-1	T2-1250-S-2.0	Total/NA	Solid	9012B	
240-213542-2	T2-1250-N-0.0	Total/NA	Solid	9012B	
240-213542-3	T2-1250-N-2.0	Total/NA	Solid	9012B	
240-213542-4	T2-1375-N-0.0	Total/NA	Solid	9012B	
240-213542-5	T2-1375-N-2.0	Total/NA	Solid	9012B	
240-213542-6	T2-1375-S-0.0	Total/NA	Solid	9012B	
240-213542-7	DUP-2-20241022	Total/NA	Solid	9012B	
240-213542-8	T2-1375-S-2.0	Total/NA	Solid	9012B	
240-213542-9	T2-1500-S-0.0	Total/NA	Solid	9012B	
240-213542-10	T2-1500-S-2.0	Total/NA	Solid	9012B	
240-213542-11	T2-1500-N-0.0	Total/NA	Solid	9012B	
240-213542-12	T2-1500-N-2.0	Total/NA	Solid	9012B	
240-213542-13	T2-1625-S-0.0	Total/NA	Solid	9012B	
240-213542-14	DUP-3-20241022	Total/NA	Solid	9012B	
MB 240-633514/1-A	Method Blank	Total/NA	Solid	9012B	
LCS 240-633514/2-A	Lab Control Sample	Total/NA	Solid	9012B	

Analysis Batch: 633601

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
240-213542-1	T2-1250-S-2.0	Total/NA	Solid	9012B	633514
240-213542-2	T2-1250-N-0.0	Total/NA	Solid	9012B	633514
240-213542-3	T2-1250-N-2.0	Total/NA	Solid	9012B	633514
240-213542-4	T2-1375-N-0.0	Total/NA	Solid	9012B	633514
240-213542-5	T2-1375-N-2.0	Total/NA	Solid	9012B	633514
240-213542-6	T2-1375-S-0.0	Total/NA	Solid	9012B	633514
240-213542-7	DUP-2-20241022	Total/NA	Solid	9012B	633514
240-213542-8	T2-1375-S-2.0	Total/NA	Solid	9012B	633514
240-213542-9	T2-1500-S-0.0	Total/NA	Solid	9012B	633514
240-213542-10	T2-1500-S-2.0	Total/NA	Solid	9012B	633514
240-213542-11	T2-1500-N-0.0	Total/NA	Solid	9012B	633514
240-213542-12	T2-1500-N-2.0	Total/NA	Solid	9012B	633514
240-213542-13	T2-1625-S-0.0	Total/NA	Solid	9012B	633514
240-213542-14	DUP-3-20241022	Total/NA	Solid	9012B	633514
MB 240-633514/1-A	Method Blank	Total/NA	Solid	9012B	633514
LCS 240-633514/2-A	Lab Control Sample	Total/NA	Solid	9012B	633514
MRL 240-633601/10	Lab Control Sample	Total/NA	Solid	9012B	

Lab Chronicle

Client: August Mack Environmental, Inc.
Job ID: 240-213542-1
Project/Site: MSC Canfield - N. Ditch Sampling

Client Sample ID: T2-1250-S-2.0
Lab Sample ID: 240-213542-1
Date Collected: 10/22/24 08:20
Matrix: Solid
Date Received: 10/22/24 16:10

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	Moisture		1	632106	AAP	EET CLE	10/23/24 10:43
ASTM Leach	Leach	D3987-85			568951	UNWS	ELLE	10/29/24 14:31 - 10/30/24 08:15 [1]
ASTM Leach	Analysis	OIA-1677		1	571173	UJE2	ELLE	11/04/24 16:17

Client Sample ID: T2-1250-S-2.0
Lab Sample ID: 240-213542-1
Date Collected: 10/22/24 08:20
Matrix: Solid
Date Received: 10/22/24 16:10
Percent Solids: 77.7

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	3546			632414	L6TL	EET CLE	10/25/24 08:31
Total/NA	Analysis	8270E		1	632686	JMG	EET CLE	10/28/24 10:54
Total/NA	Prep	3050B			632149	DEE	EET CLE	10/23/24 15:00
Total/NA	Analysis	6010D		1	632298	RKT	EET CLE	10/24/24 22:28
Total/NA	Prep	7471B			632151	DEE	EET CLE	10/23/24 15:00
Total/NA	Analysis	7471B		1	632319	S4FJ	EET CLE	10/24/24 10:12
Total/NA	Prep	3060A			571034	W2JF	ELLE	11/04/24 11:49
Total/NA	Analysis	7196A		1	571645	UDS7	ELLE	11/05/24 18:28
Total/NA	Prep	9012B			633514	C5SV	EET CLE	11/01/24 10:13
Total/NA	Analysis	9012B		5	633601	C5SV	EET CLE	11/01/24 14:06

Client Sample ID: T2-1250-N-0.0
Lab Sample ID: 240-213542-2
Date Collected: 10/22/24 08:30
Matrix: Solid
Date Received: 10/22/24 16:10

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	Moisture		1	632106	AAP	EET CLE	10/23/24 10:43
ASTM Leach	Leach	D3987-85			568951	UNWS	ELLE	10/29/24 14:31 - 10/30/24 08:15 [1]
ASTM Leach	Analysis	OIA-1677		1	571173	UJE2	ELLE	11/04/24 16:02

Client Sample ID: T2-1250-N-0.0
Lab Sample ID: 240-213542-2
Date Collected: 10/22/24 08:30
Matrix: Solid
Date Received: 10/22/24 16:10
Percent Solids: 64.6

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	3546			632414	L6TL	EET CLE	10/25/24 08:31
Total/NA	Analysis	8270E		1	632686	JMG	EET CLE	10/28/24 11:18
Total/NA	Prep	3050B			632149	DEE	EET CLE	10/23/24 15:00
Total/NA	Analysis	6010D		1	632536	RKT	EET CLE	10/25/24 19:52
Total/NA	Prep	3050B			632149	DEE	EET CLE	10/23/24 15:00
Total/NA	Analysis	6010D		1	632298	RKT	EET CLE	10/24/24 22:50
Total/NA	Prep	7471B			632151	DEE	EET CLE	10/23/24 15:00
Total/NA	Analysis	7471B		1	632319	S4FJ	EET CLE	10/24/24 10:21
Total/NA	Prep	3060A			571034	W2JF	ELLE	11/04/24 11:49
Total/NA	Analysis	7196A		1	571645	UDS7	ELLE	11/05/24 18:28

Lab Chronicle

Client: August Mack Environmental, Inc.
Project/Site: MSC Canfield - N. Ditch Sampling

Job ID: 240-213542-1

Client Sample ID: T2-1250-N-0.0

Lab Sample ID: 240-213542-2

Date Collected: 10/22/24 08:30
Matrix: Solid
Date Received: 10/22/24 16:10
Percent Solids: 64.6

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	9012B			633514	C5SV	EET CLE	11/01/24 10:13
Total/NA	Analysis	9012B		25	633601	C5SV	EET CLE	11/01/24 12:48

Client Sample ID: T2-1250-N-2.0

Lab Sample ID: 240-213542-3

Date Collected: 10/22/24 08:45
Matrix: Solid
Date Received: 10/22/24 16:10

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	Moisture		1	632106	AAP	EET CLE	10/23/24 10:43
ASTM Leach	Leach	D3987-85			568951	UNWS	ELLE	10/29/24 14:31 - 10/30/24 08:15 [1]
ASTM Leach	Analysis	OIA-1677		1	571173	UJE2	ELLE	11/04/24 15:59

Client Sample ID: T2-1250-N-2.0

Lab Sample ID: 240-213542-3

Date Collected: 10/22/24 08:45
Matrix: Solid
Date Received: 10/22/24 16:10
Percent Solids: 78.9

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	3546			632414	L6TL	EET CLE	10/25/24 08:31
Total/NA	Analysis	8270E		1	632686	JMG	EET CLE	10/28/24 12:05
Total/NA	Prep	3050B			632149	DEE	EET CLE	10/23/24 15:00
Total/NA	Analysis	6010D		1	632298	RKT	EET CLE	10/24/24 22:55
Total/NA	Prep	7471B			632151	DEE	EET CLE	10/23/24 15:00
Total/NA	Analysis	7471B		1	632319	S4FJ	EET CLE	10/24/24 10:22
Total/NA	Prep	3060A			571034	W2JF	ELLE	11/04/24 11:49
Total/NA	Analysis	7196A		1	571645	UDS7	ELLE	11/05/24 18:28
Total/NA	Prep	9012B			633514	C5SV	EET CLE	11/01/24 10:13
Total/NA	Analysis	9012B		5	633601	C5SV	EET CLE	11/01/24 14:10

Client Sample ID: T2-1375-N-0.0

Lab Sample ID: 240-213542-4

Date Collected: 10/22/24 09:35
Matrix: Solid
Date Received: 10/22/24 16:10

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	Moisture		1	632106	AAP	EET CLE	10/23/24 15:51
ASTM Leach	Leach	D3987-85			568951	UNWS	ELLE	10/29/24 14:31 - 10/30/24 08:15 [1]
ASTM Leach	Analysis	OIA-1677		1	571173	UJE2	ELLE	11/04/24 16:19

Client Sample ID: T2-1375-N-0.0

Lab Sample ID: 240-213542-4

Date Collected: 10/22/24 09:35
Matrix: Solid
Date Received: 10/22/24 16:10
Percent Solids: 52.1

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	3546			632414	L6TL	EET CLE	10/25/24 08:31
Total/NA	Analysis	8270E		1	632686	JMG	EET CLE	10/28/24 12:52
Total/NA	Prep	3050B			632149	DEE	EET CLE	10/23/24 15:00
Total/NA	Analysis	6010D		1	632536	RKT	EET CLE	10/25/24 19:57

Lab Chronicle

Client: August Mack Environmental, Inc.
Project/Site: MSC Canfield - N. Ditch Sampling

Job ID: 240-213542-1

Client Sample ID: T2-1375-N-0.0

Lab Sample ID: 240-213542-4

Date Collected: 10/22/24 09:35
Date Received: 10/22/24 16:10

Matrix: Solid
Percent Solids: 52.1

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	3050B			632149	DEE	EET CLE	10/23/24 15:00
Total/NA	Analysis	6010D		1	632298	RKT	EET CLE	10/24/24 22:59
Total/NA	Prep	7471B			632151	DEE	EET CLE	10/23/24 15:00
Total/NA	Analysis	7471B		1	632319	S4FJ	EET CLE	10/24/24 10:24
Total/NA	Prep	3060A			571034	W2JF	ELLE	11/04/24 11:49
Total/NA	Analysis	7196A		1	571645	UDS7	ELLE	11/05/24 18:28
Total/NA	Prep	9012B			633514	C5SV	EET CLE	11/01/24 10:13
Total/NA	Analysis	9012B		25	633601	C5SV	EET CLE	11/01/24 12:58

Client Sample ID: T2-1375-N-2.0

Lab Sample ID: 240-213542-5

Date Collected: 10/22/24 09:45
Date Received: 10/22/24 16:10

Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	Moisture		1	632106	AAP	EET CLE	10/23/24 15:51
ASTM Leach	Leach	D3987-85			568951	UNWS	ELLE	10/29/24 14:31 - 10/30/24 08:15 [1]
ASTM Leach	Analysis	OIA-1677		1	571173	UJE2	ELLE	11/04/24 16:04

Client Sample ID: T2-1375-N-2.0

Lab Sample ID: 240-213542-5

Date Collected: 10/22/24 09:45
Date Received: 10/22/24 16:10

Matrix: Solid
Percent Solids: 78.6

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	3546			632414	L6TL	EET CLE	10/25/24 08:31
Total/NA	Analysis	8270E		1	632686	JMG	EET CLE	10/28/24 12:28
Total/NA	Prep	3050B			632149	DEE	EET CLE	10/23/24 15:00
Total/NA	Analysis	6010D		1	632298	RKT	EET CLE	10/24/24 23:04
Total/NA	Prep	7471B			632151	DEE	EET CLE	10/23/24 15:00
Total/NA	Analysis	7471B		1	632319	S4FJ	EET CLE	10/24/24 10:26
Total/NA	Prep	3060A			571034	W2JF	ELLE	11/04/24 11:49
Total/NA	Analysis	7196A		1	571645	UDS7	ELLE	11/05/24 18:28
Total/NA	Prep	9012B			633514	C5SV	EET CLE	11/01/24 10:13
Total/NA	Analysis	9012B		1	633601	C5SV	EET CLE	11/01/24 12:59

Client Sample ID: T2-1375-S-0.0

Lab Sample ID: 240-213542-6

Date Collected: 10/22/24 09:55
Date Received: 10/22/24 16:10

Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	Moisture		1	632106	AAP	EET CLE	10/23/24 15:51
ASTM Leach	Leach	D3987-85			568951	UNWS	ELLE	10/29/24 14:31 - 10/30/24 08:15 [1]
ASTM Leach	Analysis	OIA-1677		1	571173	UJE2	ELLE	11/04/24 16:09

Lab Chronicle

Client: August Mack Environmental, Inc.
Job ID: 240-213542-1
Project/Site: MSC Canfield - N. Ditch Sampling

Client Sample ID: T2-1375-S-0.0
Lab Sample ID: 240-213542-6

Date Collected: 10/22/24 09:55
Matrix: Solid
Date Received: 10/22/24 16:10
Percent Solids: 75.9

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	3546			632414	L6TL	EET CLE	10/25/24 08:31
Total/NA	Analysis	8270E		1	632686	JMG	EET CLE	10/28/24 13:16
Total/NA	Prep	3050B			632149	DEE	EET CLE	10/23/24 15:00
Total/NA	Analysis	6010D		1	632298	RKT	EET CLE	10/24/24 23:08
Total/NA	Prep	7471B			632151	DEE	EET CLE	10/23/24 15:00
Total/NA	Analysis	7471B		1	632319	S4FJ	EET CLE	10/24/24 10:28
Total/NA	Prep	3060A			571034	W2JF	ELLE	11/04/24 11:49
Total/NA	Analysis	7196A		1	571645	UDS7	ELLE	11/05/24 18:28
Total/NA	Prep	9012B			633514	C5SV	EET CLE	11/01/24 10:13
Total/NA	Analysis	9012B		5	633601	C5SV	EET CLE	11/01/24 14:14

Client Sample ID: DUP-2-20241022
Lab Sample ID: 240-213542-7

Date Collected: 10/22/24 00:00
Matrix: Solid
Date Received: 10/22/24 16:10

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	Moisture		1	632106	AAP	EET CLE	10/23/24 15:51
ASTM Leach	Leach	D3987-85			568951	UNWS	ELLE	10/29/24 14:31 - 10/30/24 08:15 [1]
ASTM Leach	Analysis	OIA-1677		1	571173	UJE2	ELLE	11/04/24 16:07

Client Sample ID: DUP-2-20241022
Lab Sample ID: 240-213542-7

Date Collected: 10/22/24 00:00
Matrix: Solid
Date Received: 10/22/24 16:10
Percent Solids: 77.8

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	3546			632414	L6TL	EET CLE	10/25/24 08:31
Total/NA	Analysis	8270E		1	632686	JMG	EET CLE	10/28/24 14:26
Total/NA	Prep	3050B			632149	DEE	EET CLE	10/23/24 15:00
Total/NA	Analysis	6010D		1	632298	RKT	EET CLE	10/24/24 23:22
Total/NA	Prep	7471B			632151	DEE	EET CLE	10/23/24 15:00
Total/NA	Analysis	7471B		1	632319	S4FJ	EET CLE	10/24/24 10:29
Total/NA	Prep	3060A			571034	W2JF	ELLE	11/04/24 11:49
Total/NA	Analysis	7196A		1	571645	UDS7	ELLE	11/05/24 18:28
Total/NA	Prep	9012B			633514	C5SV	EET CLE	11/01/24 10:13
Total/NA	Analysis	9012B		1	633601	C5SV	EET CLE	11/01/24 13:03

Client Sample ID: T2-1375-S-2.0
Lab Sample ID: 240-213542-8

Date Collected: 10/22/24 10:05
Matrix: Solid
Date Received: 10/22/24 16:10

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	Moisture		1	632106	AAP	EET CLE	10/23/24 15:51
ASTM Leach	Leach	D3987-85			568951	UNWS	ELLE	10/29/24 14:31 - 10/30/24 08:15 [1]
ASTM Leach	Analysis	OIA-1677		1	571686	UJE2	ELLE	11/05/24 13:41

Client Sample ID: T2-1375-S-2.0
Lab Sample ID: 240-213542-8

Date Collected: 10/22/24 10:05
Matrix: Solid
Date Received: 10/22/24 16:10
Percent Solids: 79.7

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	3546			632414	L6TL	EET CLE	10/25/24 08:31
Total/NA	Analysis	8270E		1	632686	JMG	EET CLE	10/28/24 13:39
Total/NA	Prep	3050B			632149	DEE	EET CLE	10/23/24 15:00
Total/NA	Analysis	6010D		1	632298	RKT	EET CLE	10/24/24 23:26
Total/NA	Prep	7471B			632151	DEE	EET CLE	10/23/24 15:00
Total/NA	Analysis	7471B		1	632319	S4FJ	EET CLE	10/24/24 10:31
Total/NA	Prep	3060A			571034	W2JF	ELLE	11/04/24 11:49
Total/NA	Analysis	7196A		1	571645	UDS7	ELLE	11/05/24 18:28
Total/NA	Prep	9012B			633514	C5SV	EET CLE	11/01/24 10:13
Total/NA	Analysis	9012B		1	633601	C5SV	EET CLE	11/01/24 13:05

Client Sample ID: T2-1500-S-0.0
Lab Sample ID: 240-213542-9

Date Collected: 10/22/24 10:50
Matrix: Solid
Date Received: 10/22/24 16:10

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	Moisture		1	632106	AAP	EET CLE	10/23/24 15:51
ASTM Leach	Leach	D3987-85			568951	UNWS	ELLE	10/29/24 14:31 - 10/30/24 08:15 [1]
ASTM Leach	Analysis	OIA-1677		1	571686	UJE2	ELLE	11/05/24 13:23

Client Sample ID: T2-1500-S-0.0
Lab Sample ID: 240-213542-9

Date Collected: 10/22/24 10:50
Matrix: Solid
Date Received: 10/22/24 16:10
Percent Solids: 81.8

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	3546			632414	L6TL	EET CLE	10/25/24 08:31
Total/NA	Analysis	8270E		1	632686	JMG	EET CLE	10/28/24 14:50
Total/NA	Prep	3050B			632149	DEE	EET CLE	10/23/24 15:00
Total/NA	Analysis	6010D		1	632298	RKT	EET CLE	10/24/24 23:31
Total/NA	Prep	7471B			632151	DEE	EET CLE	10/23/24 15:00
Total/NA	Analysis	7471B		1	632319	S4FJ	EET CLE	10/24/24 10:33
Total/NA	Prep	3060A			571034	W2JF	ELLE	11/04/24 11:49
Total/NA	Analysis	7196A		1	571645	UDS7	ELLE	11/05/24 18:28
Total/NA	Prep	9012B			633514	C5SV	EET CLE	11/01/24 10:13
Total/NA	Analysis	9012B		1	633601	C5SV	EET CLE	11/01/24 13:17

Client Sample ID: T2-1500-S-2.0
Lab Sample ID: 240-213542-10

Date Collected: 10/22/24 11:21
Matrix: Solid
Date Received: 10/22/24 16:10

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	Moisture		1	632106	AAP	EET CLE	10/23/24 15:51
ASTM Leach	Leach	D3987-85			568951	UNWS	ELLE	10/29/24 14:31 - 10/30/24 08:15 [1]
ASTM Leach	Analysis	OIA-1677		1	571686	UJE2	ELLE	11/05/24 13:26

Lab Chronicle

Client: August Mack Environmental, Inc.
Project/Site: MSC Canfield - N. Ditch Sampling

Job ID: 240-213542-1

Client Sample ID: T2-1500-S-2.0

Lab Sample ID: 240-213542-10

Date Collected: 10/22/24 11:21
Date Received: 10/22/24 16:10

Matrix: Solid
Percent Solids: 78.2

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	3546			632414	L6TL	EET CLE	10/25/24 08:31
Total/NA	Analysis	8270E		1	632686	JMG	EET CLE	10/28/24 14:03
Total/NA	Prep	3050B			632149	DEE	EET CLE	10/23/24 15:00
Total/NA	Analysis	6010D		1	632298	RKT	EET CLE	10/24/24 23:35
Total/NA	Prep	7471B			632151	DEE	EET CLE	10/23/24 15:00
Total/NA	Analysis	7471B		1	632319	S4FJ	EET CLE	10/24/24 10:38
Total/NA	Prep	3060A			571034	W2JF	ELLE	11/04/24 11:49
Total/NA	Analysis	7196A		1	571645	UDS7	ELLE	11/05/24 18:28
Total/NA	Prep	9012B			633514	C5SV	EET CLE	11/01/24 10:13
Total/NA	Analysis	9012B		1	633601	C5SV	EET CLE	11/01/24 13:19

Client Sample ID: T2-1500-N-0.0

Lab Sample ID: 240-213542-11

Date Collected: 10/22/24 11:45
Date Received: 10/22/24 16:10

Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	Moisture		1	632106	AAP	EET CLE	10/23/24 15:51
ASTM Leach	Leach	D3987-85			568951	UNWS	ELLE	10/29/24 14:31 - 10/30/24 08:15 [1]
ASTM Leach	Analysis	OIA-1677		1	571686	UJE2	ELLE	11/05/24 13:18

Client Sample ID: T2-1500-N-0.0

Lab Sample ID: 240-213542-11

Date Collected: 10/22/24 11:45
Date Received: 10/22/24 16:10

Matrix: Solid
Percent Solids: 68.2

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	3546			632414	L6TL	EET CLE	10/25/24 08:31
Total/NA	Analysis	8270E		1	632686	JMG	EET CLE	10/28/24 15:37
Total/NA	Prep	3050B			632149	DEE	EET CLE	10/23/24 15:00
Total/NA	Analysis	6010D		1	632536	RKT	EET CLE	10/25/24 20:01
Total/NA	Prep	3050B			632149	DEE	EET CLE	10/23/24 15:00
Total/NA	Analysis	6010D		1	632298	RKT	EET CLE	10/24/24 23:40
Total/NA	Prep	7471B			632151	DEE	EET CLE	10/23/24 15:00
Total/NA	Analysis	7471B		1	632319	S4FJ	EET CLE	10/24/24 10:40
Total/NA	Prep	3060A			571034	W2JF	ELLE	11/04/24 11:49
Total/NA	Analysis	7196A		1	571645	UDS7	ELLE	11/05/24 18:28
Total/NA	Prep	9012B			633514	C5SV	EET CLE	11/01/24 10:13
Total/NA	Analysis	9012B		25	633601	C5SV	EET CLE	11/01/24 13:24

Client Sample ID: T2-1500-N-2.0

Lab Sample ID: 240-213542-12

Date Collected: 10/22/24 11:55
Date Received: 10/22/24 16:10

Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	Moisture		1	632106	AAP	EET CLE	10/23/24 15:51

Client Sample ID: T2-1500-N-2.0 — **Lab Sample ID: 240-213542-12**
Date Collected: 10/22/24 11:55 — **Matrix: Solid**
Date Received: 10/22/24 16:10

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
ASTM Leach	Leach	D3987-85			568951	UNWS	ELLE	10/29/24 14:31 - 10/30/24 08:15 [1]
ASTM Leach	Analysis	OIA-1677		1	571686	UJE2	ELLE	11/05/24 13:21

Client Sample ID: T2-1500-N-2.0 — **Lab Sample ID: 240-213542-12**
Date Collected: 10/22/24 11:55 — **Matrix: Solid**
Date Received: 10/22/24 16:10 — **Percent Solids: 83.2**

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	3546			632414	L6TL	EET CLE	10/25/24 08:31
Total/NA	Analysis	8270E		1	632686	JMG	EET CLE	10/28/24 15:13
Total/NA	Prep	3050B			632149	DEE	EET CLE	10/23/24 15:00
Total/NA	Analysis	6010D		1	632298	RKT	EET CLE	10/24/24 23:45
Total/NA	Prep	7471B			632151	DEE	EET CLE	10/23/24 15:00
Total/NA	Analysis	7471B		1	632319	S4FJ	EET CLE	10/24/24 10:41
Total/NA	Prep	3060A			571034	W2JF	ELLE	11/04/24 11:49
Total/NA	Analysis	7196A		1	571645	UDS7	ELLE	11/05/24 18:28
Total/NA	Prep	9012B			633514	C5SV	EET CLE	11/01/24 10:13
Total/NA	Analysis	9012B		1	633601	C5SV	EET CLE	11/01/24 13:26

Client Sample ID: T2-1625-S-0.0 — **Lab Sample ID: 240-213542-13**
Date Collected: 10/22/24 12:20 — **Matrix: Solid**
Date Received: 10/22/24 16:10

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	Moisture		1	632106	AAP	EET CLE	10/23/24 15:51
ASTM Leach	Leach	D3987-85			568951	UNWS	ELLE	10/29/24 14:31 - 10/30/24 08:15 [1]
ASTM Leach	Analysis	OIA-1677		1	571686	UJE2	ELLE	11/05/24 13:33

Client Sample ID: T2-1625-S-0.0 — **Lab Sample ID: 240-213542-13**
Date Collected: 10/22/24 12:20 — **Matrix: Solid**
Date Received: 10/22/24 16:10 — **Percent Solids: 76.7**

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	3546			632414	L6TL	EET CLE	10/25/24 08:31
Total/NA	Analysis	8270E		1	632686	JMG	EET CLE	10/28/24 16:01
Total/NA	Prep	3050B			632149	DEE	EET CLE	10/23/24 15:00
Total/NA	Analysis	6010D		1	632536	RKT	EET CLE	10/25/24 20:05
Total/NA	Prep	3050B			632149	DEE	EET CLE	10/23/24 15:00
Total/NA	Analysis	6010D		1	632298	RKT	EET CLE	10/24/24 23:49
Total/NA	Prep	7471B			632151	DEE	EET CLE	10/23/24 15:00
Total/NA	Analysis	7471B		1	632319	S4FJ	EET CLE	10/24/24 10:43
Total/NA	Prep	3060A			571034	W2JF	ELLE	11/04/24 11:49
Total/NA	Analysis	7196A		1	571645	UDS7	ELLE	11/05/24 18:28
Total/NA	Prep	9012B			633514	C5SV	EET CLE	11/01/24 10:13
Total/NA	Analysis	9012B		5	633601	C5SV	EET CLE	11/01/24 14:19

Lab Chronicle

Client: August Mack Environmental, Inc.
Job ID: 240-213542-1
Project/Site: MSC Canfield - N. Ditch Sampling

Client Sample ID: DUP-3-20241022
Lab Sample ID: 240-213542-14
Date Collected: 10/22/24 00:00
Matrix: Solid
Date Received: 10/22/24 16:10

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	Moisture		1	632106	AAP	EET CLE	10/23/24 15:51
ASTM Leach	Leach	D3987-85			568951	UNWS	ELLE	10/29/24 14:31 - 10/30/24 08:15 [1]
ASTM Leach	Analysis	OIA-1677		1	571686	UJE2	ELLE	11/05/24 13:56

Client Sample ID: DUP-3-20241022
Lab Sample ID: 240-213542-14
Date Collected: 10/22/24 00:00
Matrix: Solid
Date Received: 10/22/24 16:10
Percent Solids: 72.2

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	3546			632414	L6TL	EET CLE	10/25/24 08:31
Total/NA	Analysis	8270E		1	632686	JMG	EET CLE	10/28/24 16:24
Total/NA	Prep	3050B			632149	DEE	EET CLE	10/23/24 15:00
Total/NA	Analysis	6010D		1	632298	RKT	EET CLE	10/24/24 23:54
Total/NA	Prep	7471B			632151	DEE	EET CLE	10/23/24 15:00
Total/NA	Analysis	7471B		1	632319	S4FJ	EET CLE	10/24/24 10:45
Total/NA	Prep	3060A			571034	W2JF	ELLE	11/04/24 11:49
Total/NA	Analysis	7196A		1	571645	UDS7	ELLE	11/05/24 18:28
Total/NA	Prep	9012B			633514	C5SV	EET CLE	11/01/24 10:13
Total/NA	Analysis	9012B		5	633601	C5SV	EET CLE	11/01/24 14:24

Client Sample ID: T2-1250-C-SW
Lab Sample ID: 240-213542-15
Date Collected: 10/22/24 09:10
Matrix: Water
Date Received: 10/22/24 16:10

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	3510C LVI			632678	SDE	EET CLE	10/28/24 08:35
Total/NA	Analysis	8270E		1	633270	MRU	EET CLE	10/31/24 11:50
Dissolved	Prep	3005A			632729	XWS6	EET CLE	10/28/24 14:00
Dissolved	Analysis	6010D		1	633175	RKT	EET CLE	10/30/24 18:50
Total Recoverable	Prep	3005A			632729	XWS6	EET CLE	10/28/24 14:00
Total Recoverable	Analysis	6010D		1	633175	RKT	EET CLE	10/30/24 18:37
Dissolved	Prep	7470A			632289	BN	EET CLE	10/24/24 14:00
Dissolved	Analysis	7470A		1	632558	S4FJ	EET CLE	10/25/24 14:43
Total/NA	Prep	7470A			632289	BN	EET CLE	10/24/24 14:00
Total/NA	Analysis	7470A		1	632558	S4FJ	EET CLE	10/25/24 14:41
Dissolved	Analysis	7196A		1	631972	BLW	EET CLE	10/22/24 16:40
Total/NA	Analysis	7196A		1	631972	BLW	EET CLE	10/22/24 16:40
Total/NA	Prep	9012B			633093	BLW	EET CLE	10/30/24 08:38
Total/NA	Analysis	9012B		1	633158	BLW	EET CLE	10/30/24 10:14
Total/NA	Analysis	OIA-1677		1	571173	UJE2	ELLE	11/04/24 14:47

Lab Chronicle

Client: August Mack Environmental, Inc.
Job ID: 240-213542-1
Project/Site: MSC Canfield - N. Ditch Sampling

Client Sample ID: TB-3-20241022
Lab Sample ID: 240-213542-16

Date Collected: 10/22/24 14:00
Matrix: Water
Date Received: 10/22/24 16:10

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260D		1	633324	LEE	EET CLE	10/31/24 17:10

Client Sample ID: TB-4-20241022
Lab Sample ID: 240-213542-17

Date Collected: 10/22/24 14:05
Matrix: Water
Date Received: 10/22/24 16:10

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260D		1	633324	LEE	EET CLE	10/31/24 17:30

Client Sample ID: TB-5-20241022
Lab Sample ID: 240-213542-18

Date Collected: 10/22/24 14:10
Matrix: Water
Date Received: 10/22/24 16:10

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260D		1	633324	LEE	EET CLE	10/31/24 17:50

[1] This procedure uses a method stipulated length of time for the process. Both start and end times are displayed.

Laboratory References:

EET CLE = Eurofins Cleveland, 180 S. Van Buren Avenue, Barberton, OH 44203, TEL (330)497-9396

ELLE = Eurofins Lancaster Laboratories Environment Testing, LLC, 2425 New Holland Pike, Lancaster, PA 17601, TEL (717)656-2300

Accreditation/Certification Summary

Client: August Mack Environmental, Inc. Job ID: 240-213542-1
Project/Site: MSC Canfield - N. Ditch Sampling

Laboratory: Eurofins Cleveland

All accreditations/certifications held by this laboratory are listed. Not all accreditations/certifications are applicable to this report.

Authority	Program	Identification Number	Expiration Date
California	State	2927	02-28-25
Connecticut	State	PH-0806	12-31-26
Georgia	State	4062	02-27-25
Illinois	NELAP	200004	08-31-25
Iowa	State	421	06-01-25
Kentucky (UST)	State	112225	02-27-25
Kentucky (WW)	State	KY98016	12-30-24
Minnesota	NELAP	039-999-348	12-31-24
New Hampshire	NELAP	225024	09-30-25
New Jersey	NELAP	OH001	07-03-25
New York	NELAP	10975	04-02-25
Ohio VAP	State	ORELAP 4062	02-27-25
Oregon	NELAP	4062	02-27-25
Pennsylvania	NELAP	68-00340	08-31-25
Texas	NELAP	T104704517-22-19	08-31-25
USDA	US Federal Programs	P330-18-00281	01-05-27
Virginia	NELAP	460175	09-14-25
West Virginia DEP	State	210	12-31-24

Laboratory: Eurofins Lancaster Laboratories Environment Testing, LLC

All accreditations/certifications held by this laboratory are listed. Not all accreditations/certifications are applicable to this report.

Authority	Program	Identification Number	Expiration Date
A2LA	Dept. of Defense ELAP	0001.01	11-30-26
A2LA	ISO/IEC 17025	0001.01	11-30-26
Alabama	State	43200	01-31-25
Alaska	State	PA00009	06-30-25
Alaska (UST)	State	17-027	02-28-25
Arizona	State	AZ0780	03-12-25
Arkansas DEQ	State	88-00660	08-09-25
California	State	2792	11-30-24
Colorado	State	PA00009	06-30-25
Connecticut	State	PH-0746	06-30-25
DE Haz. Subst. Cleanup Act (HSCA)	State	019-006 (PA cert)	01-31-25
Delaware (DW)	State	N/A	01-31-25
Florida	NELAP	E87997	06-30-25
Georgia (DW)	State	C048	01-31-25
Hawaii	State	N/A	01-31-25
Illinois	NELAP	200027	01-31-25
Iowa	State	361	03-01-26
Kentucky (DW)	State	KY90088	12-31-24
Kentucky (UST)	State	0001.01	11-30-26
Kentucky (WW)	State	KY90088	12-31-24
Louisiana (All)	NELAP	02055	06-30-25
Maine	State	2019012	03-12-25
Maryland	State	100	06-30-25
Massachusetts	State	M-PA009	06-30-25
Michigan	State	9930	01-31-25
Minnesota	NELAP	042-999-487	12-31-24
Mississippi	State	023	01-31-25

Accreditation/Certification Summary

Client: August Mack Environmental, Inc. Job ID: 240-213542-1
Project/Site: MSC Canfield - N. Ditch Sampling

Laboratory: Eurofins Lancaster Laboratories Environment Testing, LLC (Continued)

All accreditations/certifications held by this laboratory are listed. Not all accreditations/certifications are applicable to this report.

Authority	Program	Identification Number	Expiration Date
Missouri	State	450	01-31-25
Montana (DW)	State	0098	01-01-25
Nebraska	State	NE-OS-32-17	01-31-25
New Hampshire	NELAP	2730	01-10-25
New Jersey	NELAP	PA011	06-30-25
New York	NELAP	10670	04-01-25
North Carolina (DW)	State	42705	07-31-25
North Carolina (WW/SW)	State	521	12-31-25
North Dakota	State	R-205	01-31-24 *
Oklahoma	NELAP	9804	08-31-24 *
Oregon	NELAP	PA200001	09-11-25
Pennsylvania	NELAP	36-00037	01-31-25
Quebec Ministry of Environment and Fight against Climate Change	PALA	507	09-16-29
Rhode Island	State	LAO00338	12-30-24
South Carolina	State	89002	01-31-25
Tennessee	State	02838	01-31-25
Texas	NELAP	T104704194-23-46	08-31-25
USDA	US Federal Programs	525-22-298-19481	10-25-25
Vermont	State	VT - 36037	10-28-25
Virginia	NELAP	460182	06-14-25
Washington	State	C457	04-11-25
West Virginia (DW)	State	9906 C	01-31-25
West Virginia DEP	State	055	07-31-25
Wyoming	State	8TMS-L	01-31-25
Wyoming (UST)	A2LA	0001.01	11-30-26

* Accreditation/Certification renewal pending - accreditation/certification considered valid.

Eurofins Cleveland
180 S. Van Buren Avenue
Barberton, OH 44203
Phone (330) 497-9396 Phone (330) 497-0772

Chain of Custody Record

eurofins | Environment Testing

Client Information	Sampler: Elisabeth Webber	Lab PM: Kalis, Nicole A	Carrier Tracking No(s):	COC No: 240-124901-43556.4
Client Contact: Kain Lager-Lowe	Phone:	E-Mail: Nicole.Kalis@et.eurofinsus.com	State of Origin: OH	Page: ~~Page 4 of 12~~ 1 of 3
Company: August Mack Environmental, Inc.	PWSID:	Analysis Requested		Job #: J42380.381
Address: 7830 North Central Drive, Suite B	Due Date Requested:			Preservation Codes: N - None; A - HCL; B - NaOH; D - HNO3
City: Lewis Center	TAT Requested (days): Standard TAT			
State, Zip: OH, 43035	Compliance Project: Δ Yes Δ No			
Phone: 740-548-1515(Tel)	PO #:			
Email: klagerlowe@augustmack.com	WO #:			
Project Name: MSC Canfield - ~~Soil/Surface Water~~ N Ditch Sampling	Project #: DO NOT DELETE - 24033889			Other:
Site:	SSOW#:			

Sample Identification	Sample Date	Sample Time	Sample Type (C=comp, G=grab)	Matrix (W=water, S=solid, O=waste/oil, BT=Tissue, A=Air)	Field Filtered Sample (Yes or No)	Perform MS/MSD (Yes or No)	8260D - VOCs	8270E - SVOCs - PAH ONLY	8082A - PCBs	6010D, 7471B - RCRA 8, Cu & Zn	9012B - Total Cyanide	7196A - Hexavalent Chromium	1677 - Free Cyanide	Total Number of containers	Special Instructions/Note:
			Preservation Code:				N	N	N	N	N	N	N		
~~T2-1250-S-2.0~~	~~10-22-24~~	~~0820~~	G	Solid			X		X						
T2-1250-S-2.0	10-22-24	0820	G	Solid	N			X		X	X	X	X	5	
T2-1250-N-0.0	10-22-24	0830	G	Solid	N			X		X	X	X	X	5	
T2-1250-N-2.0	10-22-24	0845	G	Solid	N			X		X	X	X	X	5	
T2-1375-N-0.0	10-22-24	0935	G	Solid	N			X		X	X	X	X	5	
T2-1375-N-2.0	10-22-24	0945	G	Solid	N			X		X	X	X	X	5	
T2-1375-S-0.0	10-22-24	0955	G	Solid	N			X		X	X	X	X	5	
DUP-2-20241022	10-22-24	—	G	Solid	N			X		X	X	X	X	5	
T2-1375-S-2.0	10-22-24	1005	G	Solid	N			X		X	X	X	X	5	
T2-1500-S-0.0	10-22-24	1050	G	Solid	N			X		X	X	X	X	5	
T2-1500-S-2.0	10-22-24	1121	G	Solid	N			X		X	X	X	X	5	

240-213542 COC

Possible Hazard Identification
☐ Non-Hazard ☐ Flammable ☐ Skin Irritant ☐ Poison B ☐ Unknown ☐ Radiological

Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)
☐ Return To Client ☐ Disposal By Lab ☐ Archive For _____ Months

Deliverable Requested: I, II, III, IV, Other (specify)

Special Instructions/QC Requirements:

Empty Kit Relinquished by:	Date:	Time:	Method of Shipment:

Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company
Elisabeth Webber	10-22-24/1500	AMC		10/22/24/1500	EUR
Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company
	10/22/24/1610	EUR	JESSICA RIGDON	10.22.24 1610	EETNC
Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company
				10/22/24	

Custody Seals Intact: Δ Yes Δ No	Custody Seal No.:	Cooler Temperature(s) °C and Other Remarks:

Eurofins Cleveland
180 S. Van Buren Avenue
Barberton, OH 44203
Phone (330) 497-9396 Phone (330) 497-0772

Chain of Custody Record

eurofins | Environment Testing

Client Information	Sampler: Elisabeth Webber	Lab PM: Kalis, Nicole A	Carrier Tracking No(s):	COC No: 240-124901-43556.4
Client Contact: Kain Lager-Lowe	Phone:	E-Mail: Nicole.Kalis@et.eurofinsus.com	State of Origin: OH	Page: ~~Page 1 of 12~~ 2 of 3
Company: August Mack Environmental, Inc.	PWSID:			Job #: JY2350.381
Address: 7830 North Central Drive, Suite B	Due Date Requested:			
City: Lewis Center	TAT Requested (days): Standard TAT			
State, Zip: OH, 43035	Compliance Project: Δ Yes Δ No			
Phone: 740-548-1515(Tel)	PO #:			
Email: klagerlowe@augustmack.com	WO #:			
Project Name: MSC Canfield ~~Soil/Surface Water~~ N Ditch Sampling	Project #: DO NOT DELETE - 24033889			
Site:	SSOW#:			

Analysis Requested

Preservation Codes:
N - None
A - HCL
B - NaOH
D - HNO3
Other:

Sample Identification	Sample Date	Sample Time	Sample Type (C=comp, G=grab)	Matrix (W=water, S=solid, O=waste/oil, BT=Tissue, A=Air)	Field Filtered Sample (Yes or No)	Perform MS/MSD (Yes or No)	8260D - VOCs	8270E - SVOCs - PAH ONLY	8082A - PCBs	6010D, 7471B - RCRA 8, Cu & Zn	9012B - Total Cyanide	7196A - Hexavalent Chromium	1677 - Free Cyanide						Total Number of containers	Special Instructions/Note:
Preservation Code:							N	N	N	N	N	N	N							
T2-1500-N-0.0	10-22-24	1145	G	Solid	N			X		X	X	X	X						5	
T2-1500-N-2.0	10-22-24	1155	G	Solid	N			X		X	X	X	X						5	
T2-1625-S-0.0	10-22-24	1220	G	Solid	N			X		X	X	X	X						5	
DUP-3-2024 1022	10-22-24	—	G	Solid	N			X		X	X	X	X						5	
				Solid																
				Solid																
				Solid																
				Solid																
				Solid																
				Solid																
				Solid																
				Solid																

Possible Hazard Identification
☐ Non-Hazard ☐ Flammable ☐ Skin Irritant ☐ Poison B ☐ Unknown ☐ Radiological

Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)
☐ Return To Client ☐ Disposal By Lab ☐ Archive For _____ Months

Deliverable Requested: I, II, III, IV, Other (specify)

Special Instructions/QC Requirements:

Empty Kit Relinquished by:	Date:	Time:	Method of Shipment:

Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company
Elisabeth Webber	10-22-24 / 1500	AME		10/22/24 / 1500	EUR
Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company
	10-22-24 / 1610	EUR	JESSICA RIGDON	10-22-24 ~~1630~~ 1610	EETNC
Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company
				JWD 10-23-24	

Custody Seals Intact: Δ Yes Δ No | Custody Seal No.: | Cooler Temperature(s) °C and Other Remarks:

Eurofins Cleveland
180 S. Van Buren Avenue
Barberton, OH 44203
Phone (330) 497-9396 Phone (330) 497-0772

Chain of Custody Record

eurofins | Environment Testing

Client Information	Sampler: Elisabeth Webber	Lab PM: Kalis, Nicole A	Carrier Tracking No(s):	COC No: 240-124901-43556.12
Client Contact: Kain Lager-Lowe	Phone:	E-Mail: Nicole.Kalis@et.eurofinsus.com	State of Origin: OH	Page: ~~Page 12 of 12~~ 3 of 3
Company: August Mack Environmental, Inc.	PWSID:			Job #: SY2380.381

Address: 7830 North Central Drive, Suite B	Due Date Requested:
City: Lewis Center	TAT Requested (days): Standard TAT
State, Zip: OH, 43035	Compliance Project: Δ Yes Δ No
Phone: 740-548-1515(Tel)	PO #:
Email: klagerlowe@augustmack.com	WO #:
Project Name: MSC Canfield - ~~Soil/Surface Water~~ N Ditch Sampling	Project #: DO NOT DELETE - 24033889
Site:	SSOW#:

Analysis Requested

Preservation Codes:
N - None
A - HCL
B - NaOH
D - HNO3

Other:

Sample Identification	Sample Date	Sample Time	Sample Type (C=Comp, G=grab)	Matrix (W=water, S=solid, O=waste/oil, BT=Tissue, A=Air)	Field Filtered Sample (Yes or No)	Perform MS/MSD (Yes or No)	8260D - VOCs	8270E - SVOCs - PAH ONLY	8082A - PCBs	9012B - Total Cyanid	1677 - Free Cyandle	6010D/7470A - Total RCRA 8, Cu & Zn	7196A - Total Hexavelnt Chromium	6010D/7470A - Dissolved RCRA 8, Cu & Zn Field Filtered	7196A - Dissolved Hexavalent Chromium Field Filtered	6010D, 7470A	7196A - Diss. Hexavalent Chromium - Field Filter	1677_Free - Cyanide, Free	Total Number of containers	Special Instructions/Note:
Preservation Code:							A	N	N	B	B	D	N	D	N	D	N	B		
T2-1250-C-SW	10-22-24	0910	G	Water				X		X	X	X	X	X	X				8	
~~TB-1-20~~ EW 10-22-24				Water																
TB-3-2024/1022	10-22-24	1400	G	Water			X												1	
TB-4-2024/1022	10-22-24	1405	G	Water			X												1	
TB-5-2024/1022	10-22-24	1410	G	Water			X												1	
				Water																
				Water																
				Water																
				Water																
				Water																
				Water																

Possible Hazard Identification
☐ Non-Hazard ☐ Flammable ☐ Skin Irritant ☐ Poison B ☐ Unknown ☐ Radiological

Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)
☐ Return To Client ☐ Disposal By Lab ☐ Archive For _____ Months

Deliverable Requested: I, II, III, IV, Other (specify)

Special Instructions/QC Requirements:

Empty Kit Relinquished by:	Date:	Time:	Method of Shipment:

Relinquished by: Elisabeth Webber	Date/Time: 10-22-24 / 1500	Company AME	Received by:	Date/Time: 10/22/24 / 1500	Company EUR
Relinquished by:	Date/Time: 10-22-24 / 1610	Company EUR	Received by: JESSICA RIGDON	Date/Time: 10.22.24 1610	Company EETNC
Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company

Custody Seals Intact: Δ Yes Δ No	Custody Seal No.:	Cooler Temperature(s) °C and Other Remarks:

Eurofins – Cleveland Sample Receipt Form/Narrative **Login # :** 213542
Barberton Facility

Client August Mack Site Name _____ Cooler unpacked by: **JESSICA RIGDON**

Cooler Received on 10.22.24 Opened on 10.23.24

FedEx. 1st Grd Exp UPS FAS Waypoint Client Drop Off Eurofins Courier Other

Receipt After-hours Drop-off Date/Time _____ Storage Location _____

Eurofins Cooler # EC Foam Box Client Cooler Box Other _____

Packing material used. Bubble Wrap Foam Plastic Bag None Other _____

COOLANT: Wet Ice Blue Ice Dry Ice Water None

1 Cooler temperature upon receipt ☒ See Multiple Cooler Form

IR GUN # 19 (CF +1.7 °C) Observed Cooler Temp. _____ °C Corrected Cooler Temp _____ °C

2. Were tamper/custody seals on the outside of the cooler(s)? If Yes Quantity _____ Yes No
   - -Were the seals on the outside of the cooler(s) signed & dated? Yes No NA
   - -Were tamper/custody seals on the bottle(s) or bottle kits (LLHg/MeHg)? Yes No
   - -Were tamper/custody seals intact and uncompromised? Yes No NA
3 Shippers' packing slip attached to the cooler(s)? Yes No
4. Did custody papers accompany the sample(s)? Yes No
5 Were the custody papers relinquished & signed in the appropriate place? Yes No
6. Was/were the person(s) who collected the samples clearly identified on the COC? Yes No
7 Did all bottles arrive in good condition (Unbroken)? Yes No
8 Could all bottle labels (ID/Date/Time) be reconciled with the COC? Yes No
9 *For each sample, does the COC specify preservatives (Y/N), # of containers (Y/N), and sample type of grab/comp (Y/N)?*
10 Were correct bottle(s) used for the test(s) indicated? Yes No
11 Sufficient quantity received to perform indicated analyses? Yes No
12. Are these work share samples and all listed on the COC? Yes No
    If yes, Questions 13-17 have been checked at the originating laboratory
13 Were all preserved sample(s) at the correct pH upon receipt? Yes No NA pH Strip Lot# HC447997
14 Were VOAs on the COC? Yes No
15 Were air bubbles >6 mm in any VOA vials? ● ← Larger than this. Yes No NA
16 Was a VOA trip blank present in the cooler(s)? Trip Blank Lot # Covered Yes No
17 Was a LL Hg or Me Hg trip blank present? _____ Yes No

Tests that are not checked for pH by Receiving:

VOAs
Oil and Grease
TOC

Contacted PM _____ Date _____ by _____ via Verbal Voice Mail Other

Concerning _____

18. CHAIN OF CUSTODY & SAMPLE DISCREPANCIES ☐ additional next page Samples processed by:

One Container marked for Cr+6 is labeled as a Nitric preserved container. The pH was Checked, It is Unpreserved. There are 2 containers for metals that are properly preserved. [initials] 10.23.24

19 SAMPLE CONDITION

Sample(s) _____ were received after the recommended holding time had expired.

Sample(s) _____ were received in a broken container

Sample(s) _____ were received with bubble >6 mm in diameter (Notify PM)

20. SAMPLE PRESERVATION

Sample(s) _____ were further preserved in the laboratory

Time preserved. _____ Preservative(s) added/Lot number(s). _____

VOA Sample Preservation - Date/Time VOAs Frozen. _____

Login # : 213542

Eurofins - Cleveland Sample Receipt Multiple Cooler Form

Cooler Description (Circle)	IR Gun # (Circle)	Observed Temp °C	Corrected Temp °C	Coolant (Circle)
(EC) Client Box Other	IR GUN #: (19)	4.4	6	(Wet Ice) Blue Ice Dry Ice Water None
(EC) Client Box Other	IR GUN #: (19)	3.4	5.1	(Wet Ice) Blue Ice Dry Ice Water None
(EC) Client Box Other	IR GUN #: (19)	4.2	5.9	(Wet Ice) Blue Ice Dry Ice Water None
(EC) Client Box Other	IR GUN #: (19)	3.2	4.9	(Wet Ice) Blue Ice Dry Ice Water None
(EC) Client Box Other	IR GUN #: (19)	2.7	4.4	(Wet Ice) Blue Ice Dry Ice Water None
(EC) Client Box Other	IR GUN #: (14)	4.2	5.9	(Wet Ice) Blue Ice Dry Ice Water None
EC Client Box Other	IR GUN #:			Wet Ice Blue Ice Dry Ice Water None
EC Client Box Other	IR GUN #:			Wet Ice Blue Ice Dry Ice Water None
EC Client Box Other	IR GUN #:			Wet Ice Blue Ice Dry Ice Water None
EC Client Box Other	IR GUN #:			Wet Ice Blue Ice Dry Ice Water None
EC Client Box Other	IR GUN #:			Wet Ice Blue Ice Dry Ice Water None
EC Client Box Other	IR GUN #:			Wet Ice Blue Ice Dry Ice Water None
EC Client Box Other	IR GUN #:			Wet Ice Blue Ice Dry Ice Water None
EC Client Box Other	IR GUN #:			Wet Ice Blue Ice Dry Ice Water None
EC Client Box Other	IR GUN #:			Wet Ice Blue Ice Dry Ice Water None
EC Client Box Other	IR GUN #:			Wet Ice Blue Ice Dry Ice Water None
EC Client Box Other	IR GUN #:			Wet Ice Blue Ice Dry Ice Water None
EC Client Box Other	IR GUN #:			Wet Ice Blue Ice Dry Ice Water None
EC Client Box Other	IR GUN #:			Wet Ice Blue Ice Dry Ice Water None
EC Client Box Other	IR GUN #:			Wet Ice Blue Ice Dry Ice Water None
EC Client Box Other	IR GUN #:			Wet Ice Blue Ice Dry Ice Water None
EC Client Box Other	IR GUN #:			Wet Ice Blue Ice Dry Ice Water None
EC Client Box Other	IR GUN #:			Wet Ice Blue Ice Dry Ice Water None
EC Client Box Other	IR GUN #:			Wet Ice Blue Ice Dry Ice Water None
EC Client Box Other	IR GUN #:			Wet Ice Blue Ice Dry Ice Water None
EC Client Box Other	IR GUN #:			Wet Ice Blue Ice Dry Ice Water None
EC Client Box Other	IR GUN #:			Wet Ice Blue Ice Dry Ice Water None
EC Client Box Other	IR GUN #:			Wet Ice Blue Ice Dry Ice Water None
EC Client Box Other	IR GUN #:			Wet Ice Blue Ice Dry Ice Water None
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EC Client Box Other	IR GUN #:			Wet Ice Blue Ice Dry Ice Water None
EC Client Box Other	IR GUN #:			Wet Ice Blue Ice Dry Ice Water None

☐ See Temperature Excursion Form

10/23/2024

Login Container Summary Report

240-213542

11/6/2024

Temperature readings _____

Client Sample ID	Lab ID	Container Type	Container pH	Container Temp	Preservation Added	Preservation Lot Number
T2-1250-S-2.0	240-213542-A-1	SnapCap 1/2 ounce unpreserved				
T2-1250-S-2.0	240-213542-B-1	Soil jar 4oz - clear glass				
T2-1250-S-2.0	240-213542-C-1	Soil jar 4oz - clear glass				
T2-1250-S-2 0	240-213542-D-1	Soil jar 4oz - clear glass				
T2-1250-S-2.0	240-213542-E-1	Soil jar 4oz - clear glass				
T2-1250-S-2 0	240-213542-F-1	Soil jar 4oz - clear glass				
T2-1250-N-0 0	240-213542-A-2	SnapCap 1/2 ounce unpreserved				
T2-1250-N-0.0	240-213542-B-2	Soil jar 4oz - clear glass				
T2-1250-N-0 0	240-213542-C-2	Soil jar 4oz - clear glass				
T2-1250-N-0 0	240-213542-D-2	Soil jar 4oz - clear glass				
T2-1250-N-0.0	240-213542-E-2	Soil jar 4oz - clear glass				
T2-1250-N-0 0	240-213542-F-2	Soil jar 4oz - clear glass				
T2-1250-N-2.0	240-213542-A-3	SnapCap 1/2 ounce unpreserved				
T2-1250-N-2 0	240-213542-B-3	Soil jar 4oz - clear glass				
T2-1250-N-2 0	240-213542-C-3	Soil jar 4oz - clear glass				
T2-1250-N-2 0	240-213542-D-3	Soil jar 4oz - clear glass				
T2-1250-N-2.0	240-213542-E-3	Soil jar 4oz - clear glass				
T2-1250-N-2 0	240-213542-F-3	Soil jar 4oz - clear glass				
T2-1375-N-0 0	240-213542-A-4	SnapCap 1/2 ounce unpreserved				
T2-1375-N-0 0	240-213542-B-4	Soil jar 4oz - clear glass				
T2-1375-N-0 0	240-213542-C-4	Soil jar 4oz - clear glass				
T2-1375-N-0 0	240-213542-D-4	Soil jar 4oz - clear glass				
T2-1375-N-0.0	240-213542-E-4	Soil jar 4oz - clear glass				
T2-1375-N-0 0	240-213542-F-4	Soil jar 4oz - clear glass				
T2-1375-N-2.0	240-213542-A-5	SnapCap 1/2 ounce unpreserved				
T2-1375-N-2 0	240-213542-B-5	Soil jar 4oz - clear glass				
T2-1375-N-2 0	240-213542-C-5	Soil jar 4oz - clear glass				
T2-1375-N-2 0	240-213542-D-5	Soil jar 4oz - clear glass				
T2-1375-N-2 0	240-213542-E-5	Soil jar 4oz - clear glass				
T2-1375-N-2 0	240-213542-F-5	Soil jar 4oz - clear glass				
T2-1375-S-0 0	240-213542-A-6	SnapCap 1/2 ounce unpreserved				
T2-1375-S-0 0	240-213542-B-6	Soil jar 4oz - clear glass				
T2-1375-S-0 0	240-213542-C-6	Soil jar 4oz - clear glass				
T2-1375-S-0 0	240-213542-D-6	Soil jar 4oz - clear glass				
T2-1375-S-0 0	240-213542-E-6	Soil jar 4oz - clear glass				

Client Sample ID	Lab ID	Container Type	Container pH	Container Temp	Preservation Added	Preservation Lot Number
T2-1375-S-0 0	240-213542-F-6	Soil jar 4oz - clear glass				
DUP-2-20241022	240-213542-A-7	SnapCap 1/2 ounce unpreserved				
DUP-2-20241022	240-213542-B-7	Soil jar 4oz - clear glass				
DUP-2-20241022	240-213542-C-7	Soil jar 4oz - clear glass				
DUP-2-20241022	240-213542-D-7	Soil jar 4oz - clear glass				
DUP-2-20241022	240-213542-E-7	Soil jar 4oz - clear glass				
DUP-2-20241022	240-213542-F-7	Soil jar 4oz - clear glass				
T2-1375-S-2.0	240-213542-A-8	SnapCap 1/2 ounce unpreserved				
T2-1375-S-2 0	240-213542-B-8	Soil jar 4oz - clear glass				
T2-1375-S-2.0	240-213542-C-8	Soil jar 4oz - clear glass				
T2-1375-S-2 0	240-213542-D-8	Soil jar 4oz - clear glass				
T2-1375-S-2 0	240-213542-E-8	Soil jar 4oz - clear glass				
T2-1375-S-2 0	240-213542-F-8	Soil jar 4oz - clear glass				
T2-1500-S-0 0	240-213542-A-9	SnapCap 1/2 ounce unpreserved				
T2-1500-S-0 0	240-213542-B-9	Soil jar 4oz - clear glass				
T2-1500-S-0 0	240-213542-C-9	Soil jar 4oz - clear glass				
T2-1500-S-0 0	240-213542-D-9	Soil jar 4oz - clear glass				
T2-1500-S-0 0	240-213542-E-9	Soil jar 4oz - clear glass				
T2-1500-S-0 0	240-213542-F-9	Soil jar 4oz - clear glass				
T2-1500-S-2.0	240-213542-A-10	SnapCap 1/2 ounce unpreserved				
T2-1500-S-2 0	240-213542-B-10	Soil jar 4oz - clear glass				
T2-1500-S-2 0	240-213542-C-10	Soil jar 4oz - clear glass				
T2-1500-S-2.0	240-213542-D-10	Soil jar 4oz - clear glass				
T2-1500-S-2 0	240-213542-E-10	Soil jar 4oz - clear glass				
T2-1500-S-2 0	240-213542-F-10	Soil jar 4oz - clear glass				
T2-1500-N-0 0	240-213542-A-11	SnapCap 1/2 ounce unpreserved				
T2-1500-N-0 0	240-213542-B-11	Soil jar 4oz - clear glass				
T2-1500-N-0 0	240-213542-C-11	Soil jar 4oz - clear glass				
T2-1500-N-0 0	240-213542-D-11	Soil jar 4oz - clear glass				
T2-1500-N-0 0	240-213542-E-11	Soil jar 4oz - clear glass				
T2-1500-N-0 0	240-213542-F-11	Soil jar 4oz - clear glass				
T2-1500-N-2 0	240-213542-A-12	SnapCap 1/2 ounce unpreserved				
T2-1500-N-2 0	240-213542-B-12	Soil jar 4oz - clear glass				
T2-1500-N-2 0	240-213542-C-12	Soil jar 4oz - clear glass				
T2-1500-N-2 0	240-213542-D-12	Soil jar 4oz - clear glass				
T2-1500-N-2 0	240-213542-E-12	Soil jar 4oz - clear glass				
T2-1500-N-2 0	240-213542-F-12	Soil jar 4oz - clear glass				
T2-1625-S-0 0	240-213542-A-13	SnapCap 1/2 ounce unpreserved				

Client Sample ID	Lab ID	Container Type	Container pH	Container Temp	Preservation Added	Preservation Lot Number
T2-1625-S-0 0	240-213542-B-13	Soil jar 4oz - clear glass				
T2-1625-S-0 0	240-213542-C-13	Soil jar 4oz - clear glass				
T2-1625-S-0 0	240-213542-D-13	Soil jar 4oz - clear glass				
T2-1625-S-0 0	240-213542-E-13	Soil jar 4oz - clear glass				
T2-1625-S-0 0	240-213542-F-13	Soil jar 4oz - clear glass				
DUP-3-20241022	240-213542-A-14	SnapCap 1/2 ounce unpreserved				
DUP-3-20241022	240-213542-B-14	Soil jar 4oz - clear glass				
DUP-3-20241022	240-213542-C-14	Soil jar 4oz - clear glass				
DUP-3-20241022	240-213542-D-14	Soil jar 4oz - clear glass				
DUP-3-20241022	240-213542-E-14	Soil jar 4oz - clear glass				
DUP-3-20241022	240-213542-F-14	Soil jar 4oz - clear glass				
T2-1250-C-SW	240-213542-A-15	Amber Glass 250ml - unpreserved				
T2-1250-C-SW	240-213542-B-15	Amber Glass 250ml - unpreserved				
T2-1250-C-SW	240-213542-C-15	Plastic 250ml - with Sodium Hydroxide	>12			
T2-1250-C-SW	240-213542-D-15	Plastic 250ml - with Sodium Hydroxide	>12			
T2-1250-C-SW	240-213542-E-15	Plastic 500ml - unpreserved				
T2-1250-C-SW	240-213542-F-15	Plastic 500 mL - unpreserved - dis				
T2-1250-C-SW	240-213542-G-15	Plastic 500ml - with Nitric Acid	<2			
T2-1250-C-SW	240-213542-H-15	Plastic 500ml - w/ Nitric - Dis.	<2			
TB-3-20241022	240-213542-A-16	Voa Vial 40ml - Hydrochloric Acid				
TB-4-20241022	240-213542-A-17	Voa Vial 40ml - Hydrochloric Acid				
TB-5-20241022	240-213542-A-18	Voa Vial 40ml - Hydrochloric Acid				

Eurofins Cleveland
180 S. Van Buren Avenue
Barberton, OH 44203
Phone: 330-497-9396 Fax: 330-497-0772

Chain of Custody Record

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Client Information (Sub Contract Lab)	Sampler: N/A	Lab PM: Kalis, Nicole A	Carrier Tracking No(s): N/A	COC No: 240-192638.1
Client Contact: Shipping/Receiving	Phone: N/A	E-Mail: Nicole.Kalis@et.eurofinsus.com	State of Origin: Ohio	Page: Page 1 of 2
Company: Eurofins Lancaster Laboratories Environm		Accreditations Required (See note): N/A		Job #: 240-213542-1
Address: 2425 New Holland Pike, ,	Due Date Requested: 11/4/2024			Preservation Codes: -
City: Lancaster	TAT Requested (days): N/A			
State, Zip: PA, 17601				
Phone: 717-656-2300(Tel)	PO #: N/A			
Email: N/A	WO #: N/A			
Project Name: MSC Canfield	Project #: 24033889			
Site: N/A	SSOW#: N/A			Other: N/A

Sample Identification - Client ID (Lab ID)	Sample Date	Sample Time	Sample Type (C=comp, G=grab)	Matrix (W=water, S=solid, O=waste/oil, BT=Tissue, A=Air)	Field Filtered Sample (Yes or No)	Perform MS/MSD (Yes or No)	1677_Free/ASTM_LEACH_NP Cyanide, Free	7196A/3060A Chromium, Hexavalent	1677_Free/ Cyanide, Free	Total Number of containers	Special Instructions/Note:
			Preservation Code:								
T2-1250-S-2.0 (240-213542-1)	10/22/24	08:20 Eastern	G	Solid			X	X		2	Use caution! Site contaminated with solvent waste
T2-1250-N-0.0 (240-213542-2)	10/22/24	08:30 Eastern	G	Solid			X	X		2	Use caution! Site contaminated with solvent waste
T2-1250-N-2.0 (240-213542-3)	10/22/24	08:45 Eastern	G	Solid			X	X		2	Use caution! Site contaminated with solvent waste
T2-1375-N-0.0 (240-213542-4)	10/22/24	09:35 Eastern	G	Solid			X	X		2	Use caution! Site contaminated with solvent waste
T2-1375-N-2.0 (240-213542-5)	10/22/24	09:45 Eastern	G	Solid			X	X		2	Use caution! Site contaminated with solvent waste
T2-1375-S-0.0 (240-213542-6)	10/22/24	09:55 Eastern	G	Solid			X	X		2	Use caution! Site contaminated with solvent waste
DUP-2-20241022 (240-213542-7)	10/22/24	Eastern	G	Solid			X	X		2	Use caution! Site contaminated with solvent waste
T2-1375-S-2.0 (240-213542-8)	10/22/24	10:05 Eastern	G	Solid			X	X		2	Use caution! Site contaminated with solvent waste
T2-1500-S-0.0 (240-213542-9)	10/22/24	10:50 Eastern	G	Solid			X	X		2	Use caution! Site contaminated with solvent waste

Note: Since laboratory accreditations are subject to change, Eurofins Environment Testing North Central, LLC places the ownership of method, analyte & accreditation compliance upon our subcontract laboratories. This sample shipment is forwarded under chain-of-custody. If the laboratory does not currently maintain accreditation in the State of Origin listed above for analysis/tests/matrix being analyzed, the samples must be shipped back to the Eurofins Environment Testing North Central, LLC laboratory or other instructions will be provided. Any changes to accreditation status should be brought to Eurofins Environment Testing North Central, LLC attention immediately. If all requested accreditations are current to date, return the signed Chain of Custody attesting to said compliance to Eurofins Environment Testing North Central, LLC.

Possible Hazard Identification	*Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)*
Unconfirmed	☐ *Return To Client* ☐ *Disposal By Lab* ☐ *Archive For* _____ *Months*
Deliverable Requested: I, II, III, IV, Other (specify) Primary Deliverable Rank: 2	Special Instructions/QC Requirements:

Empty Kit Relinquished by:	Date: 10-25-24	Time:	Method of Shipment:

Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company
JESSICA RIGDON	10-25-24 1600	FEDEX			
Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company
Relinquished by:	Date/Time:	Company	Received by:	Date/Time: 10/24/24 09:46	Company ECET

Custody Seals Intact: Δ Yes Δ No	Custody Seal No.:	Cooler Temperature(s) °C and Other Remarks: R0.5-C0.1 R1.5-C1.1

Ver: 10/10/2024

Eurofins Cleveland
180 S. Van Buren Avenue
Barberton, OH 44203
Phone: 330-497-9396 Fax: 330-497-0772

Chain of Custody Record

eurofins | Environment Testing

Client Information (Sub Contract Lab)	Sampler: N/A	Lab PM: Kalis, Nicole A	Carrier Tracking No(s): N/A	COC No: 240-192638.2
Client Contact: Shipping/Receiving	Phone: N/A	E-Mail: Nicole.Kalis@et.eurofinsus.com	State of Origin: Ohio	Page: Page 2 of 2
Company: Eurofins Lancaster Laboratories Environm		Accreditations Required (See note): N/A		Job #: 240-213542-1
Address: 2425 New Holland Pike, ,	Due Date Requested: 11/4/2024			Preservation Codes: -
City: Lancaster	TAT Requested (days): N/A			
State, Zip: PA, 17601				
Phone: 717-656-2300(Tel)	PO #: N/A			
Email: N/A	WO #: N/A			
Project Name: MSC Canfield	Project #: 24033889			
Site: N/A	SSOW#: N/A			Other: N/A

Sample Identification - Client ID (Lab ID)	Sample Date	Sample Time	Sample Type (C=comp, G=grab)	Matrix (W=water, S=solid, O=waste/oil, BT=Tissue, A=Air)	Field Filtered Sample (Yes or No)	Perform MS/MSD (Yes or No)	1677_Free/ASTM_LEACH_NP Cyanide, Free	7196A/3060A Chromium, Hexavalent	1677_Free/ Cyanide, Free	Total Number of containers	Special Instructions/Note:
			Preservation Code:								
T2-1500-S-2.0 (240-213542-10)	10/22/24	11:21 Eastern	G	Solid			X	X		2	Use caution! Site contaminated with solvent waste
T2-1500-N-0.0 (240-213542-11)	10/22/24	11:45 Eastern	G	Solid			X	X		2	Use caution! Site contaminated with solvent waste
T2-1500-N-2.0 (240-213542-12)	10/22/24	11:55 Eastern	G	Solid			X	X		2	Use caution! Site contaminated with solvent waste
T2-1625-S-0.0 (240-213542-13)	10/22/24	12:20 Eastern	G	Solid			X	X		2	Use caution! Site contaminated with solvent waste
DUP-3-20241022 (240-213542-14)	10/22/24	Eastern	G	Solid			X	X		2	Use caution! Site contaminated with solvent waste
T2-1250-C-SW (240-213542-15)	10/22/24	09:10 Eastern	G	Water					X	1	Use caution! Site contaminated with solvent waste

Note: Since laboratory accreditations are subject to change, Eurofins Environment Testing North Central, LLC places the ownership of method, analyte & accreditation compliance upon our subcontract laboratories. This sample shipment is forwarded under chain-of-custody. If the laboratory does not currently maintain accreditation in the State of Origin listed above for analysis/tests/matrix being analyzed, the samples must be shipped back to the Eurofins Environment Testing North Central, LLC laboratory or other instructions will be provided. Any changes to accreditation status should be brought to Eurofins Environment Testing North Central, LLC attention immediately. If all requested accreditations are current to date, return the signed Chain of Custody attesting to said compliance to Eurofins Environment Testing North Central, LLC.

Possible Hazard Identification: Unconfirmed	Sample Disposal (A fee may be assessed if samples are retained longer than 1 month): ☐ Return To Client ☐ Disposal By Lab ☐ Archive For _____ Months
Deliverable Requested: I, II, III, IV, Other (specify) Primary Deliverable Rank: 2	Special Instructions/QC Requirements:

Empty Kit Relinquished by:	Date:	Time:	Method of Shipment:

Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company
JESSICA RIGDON	10.23.24 1600	ECTNC			
Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company
Relinquished by:	Date/Time:	Company	Received by:	Date/Time: 10/24/24 0940	Company ECTNC

Custody Seals Intact: Δ Yes Δ No	Custody Seal No.:	Cooler Temperature(s) °C and Other Remarks: R0.5-C0.1 R1.5-C1.1

Ver: 10/10/2024

Login Sample Receipt Checklist

Client: August Mack Environmental, Inc.

Job Number: 240-213542-1

Login Number: 213542
List Number: 2
Creator: Ballard, Megan

List Source: Eurofins Lancaster Laboratories Environment Testing, LLC
List Creation: 10/24/24 12:25 PM

Question	Answer	Comment
The cooler's custody seal is intact.	True	
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	True	
Cooler Temperature acceptable,where thermal pres is required(</=6C, not frozen).	True	
Cooler Temperature is recorded.	True	
WV:Container Temp acceptable,where thermal pres is required (</=6C, not frozen).	N/A	
WV: Container Temperature is recorded.	N/A	
COC is present.	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information.	True	
There are no discrepancies between the containers received and the COC.	True	
Sample containers have legible labels.	True	
Containers are not broken or leaking.	False	Refer to Job Narrative for details.
Sample collection date/times are provided.	True	
Appropriate sample containers are used.	True	
Sample bottles are completely filled.	True	
There is sufficient vol. for all requested analyses.	True	
Is the Field Sampler's name present on COC?	False	Received project as a subcontract.
Sample custody seals are intact.	N/A	
VOA sample vials do not have headspace >6mm in diameter (none, if from WV)?	N/A	

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ANALYTICAL REPORT

PREPARED FOR

Attn: Kain Lager-Lowe
August Mack Environmental, Inc.
7830 North Central Drive, Suite B
Lewis Center, Ohio 43035

Generated 11/8/2024 6:54:33 PM

JOB DESCRIPTION

MSC Canfield - Soil/Surface Water

JOB NUMBER

240-213548-1

Eurofins Cleveland
180 S. Van Buren Avenue
Barberton OH 44203

See page two for job notes and contact information.

my EOL

Job Notes

This report may not be reproduced except in full, and with written approval from the laboratory. The results relate only to the samples tested. For questions please contact the Project Manager at the e-mail address or telephone number listed on this page.

The test results in this report relate only to the samples as received by the laboratory and will meet all requirements of the methodology, with any exceptions noted. This report shall not be reproduced except in full, without the express written approval of the laboratory. All questions should be directed to the Eurofins Environment Testing North Central, LLC Project Manager.

Authorization



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11/8/2024 6:54:33 PM

Authorized for release by
Nicole Kalis, Project Manager I
Nicole.Kalis@et.eurofinsus.com
(330)497-9396

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Definitions/Glossary

Client: August Mack Environmental, Inc. Job ID: 240-213548-1
Project/Site: MSC Canfield - Soil/Surface Water

Qualifiers

GC/MS VOA

Qualifier	Qualifier Description
*+	LCS and/or LCSD is outside acceptance limits, high biased.
J	Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.

GC/MS Semi VOA

Qualifier	Qualifier Description
J	Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.
S1-	Surrogate recovery exceeds control limits, low biased.

Metals

Qualifier	Qualifier Description
J	Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.

General Chemistry

Qualifier	Qualifier Description
J	Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.

Glossary

Abbreviation	These commonly used abbreviations may or may not be present in this report.
☼	Listed under the "D" column to designate that the result is reported on a dry weight basis
%R	Percent Recovery
CFL	Contains Free Liquid
CFU	Colony Forming Unit
CNF	Contains No Free Liquid
DER	Duplicate Error Ratio (normalized absolute difference)
Dil Fac	Dilution Factor
DL	Detection Limit (DoD/DOE)
DL, RA, RE, IN	Indicates a Dilution, Re-analysis, Re-extraction, or additional Initial metals/anion analysis of the sample
DLC	Decision Level Concentration (Radiochemistry)
EDL	Estimated Detection Limit (Dioxin)
LOD	Limit of Detection (DoD/DOE)
LOQ	Limit of Quantitation (DoD/DOE)
MCL	EPA recommended "Maximum Contaminant Level"
MDA	Minimum Detectable Activity (Radiochemistry)
MDC	Minimum Detectable Concentration (Radiochemistry)
MDL	Method Detection Limit
ML	Minimum Level (Dioxin)
MPN	Most Probable Number
MQL	Method Quantitation Limit
NC	Not Calculated
ND	Not Detected at the reporting limit (or MDL or EDL if shown)
NEG	Negative / Absent
POS	Positive / Present
PQL	Practical Quantitation Limit
PRES	Presumptive
QC	Quality Control
RER	Relative Error Ratio (Radiochemistry)
RL	Reporting Limit or Requested Limit (Radiochemistry)
RPD	Relative Percent Difference, a measure of the relative difference between two points
TEF	Toxicity Equivalent Factor (Dioxin)
TEQ	Toxicity Equivalent Quotient (Dioxin)
TNTC	Too Numerous To Count

Job ID: 240-213548-1 Eurofins Cleveland

Job Narrative
240-213548-1

Analytical test results meet all requirements of the associated regulatory program listed on the Accreditation/Certification Summary Page unless otherwise noted under the individual analysis. Data qualifiers and/or narrative comments are included to explain any exceptions, if applicable.

- Matrix QC may not be reported if insufficient sample is provided or site-specific QC samples were not submitted. In these situations, to demonstrate precision and accuracy at a batch level, a LCS/LCSD may be performed, unless otherwise specified in the method.
- Surrogate and/or isotope dilution analyte recoveries (if applicable) which are outside of the QC window are confirmed unless attributed to a dilution or otherwise noted in the narrative.

Regulated compliance samples (e.g. SDWA, NPDES) must comply with the associated agency requirements/permits.

Receipt
The samples were received on 10/22/2024 4:10 PM. Unless otherwise noted below, the samples arrived in good condition, and, where required, properly preserved and on ice. The temperatures of the 6 coolers at receipt time were 4.4°C, 4.9°C, 5.1°C, 5.9°C, 5.9°C and 6.1°C.

GC/MS VOA
Method 8260D: The method blank for analytical batch 240-633325 contained Methyl acetate above the method detection limit. This target analyte concentration was less than the reporting limit (RL) in the method blank; therefore, re-extraction and/or re-analysis of samples was not performed.

Method 8260D: The continuing calibration verification (CCV) analyzed in batch 240-633325 was outside the method criteria for the following analyte(s): Bromomethane and Trichlorofluoromethane. A CCV standard at or below the reporting limit (RL) was analyzed with the affected samples and found to be acceptable. As indicated in the reference method, sample analysis may proceed; however, any detection for the affected analyte(s) is considered estimated.

Method 8260D: The continuing calibration verification (CCV) associated with batch 240-632400 recovered above the upper control limit for 1,1,2-Trichloro-1,2,2-trifluoroethane and Bromomethane. The samples associated with this CCV were non-detects for the affected analytes; therefore, the data have been reported.

Method 8260D: The laboratory control sample (LCS) for preparation batch 240-632517 and analytical batch 240-632400 recovered outside control limits for the following analyte: Methylene Chloride. Methylene Chloride has been identified as a poor performing analyte when analyzed using this method; therefore, re-extraction/re-analysis was not performed.

No additional analytical or quality issues were noted, other than those described above or in the Definitions/ Glossary page.

GC/MS Semi VOA
Method 8270E: Six surrogates are used for this analysis. The laboratory's SOP allows one acid and one base of these surrogates to be outside acceptance criteria without performing re-extraction/re-analysis. The following sample contained an allowable number of surrogate compounds outside limits: SB-DUP-4 (240-213548-4). These results have been reported and qualified.

No additional analytical or quality issues were noted, other than those described above or in the Definitions/ Glossary page.

PCBs
Method 8082A: The following samples required a Silica Gel clean-up, via EPA Method 3630C, to reduce matrix interferences: (LCS 240-632500/2-A) and (MB 240-632500/1-A).

No additional analytical or quality issues were noted, other than those described above or in the Definitions/ Glossary page.

Metals
No additional analytical or quality issues were noted, other than those described above or in the Definitions/ Glossary page.

General Chemistry
No additional analytical or quality issues were noted, other than those described above or in the Definitions/ Glossary page.

Method Summary

Client: August Mack Environmental, Inc.
Job ID: 240-213548-1
Project/Site: MSC Canfield - Soil/Surface Water

Method	Method Description	Protocol	Laboratory
8260D	Volatile Organic Compounds by GC/MS	SW846	EET CLE
8270E	Semivolatile Organic Compounds (GC/MS)	SW846	EET CLE
8082A	Polychlorinated Biphenyls (PCBs) by Gas Chromatography	SW846	EET CLE
6010D	Metals (ICP)	SW846	EET CLE
7471B	Mercury (CVAA)	SW846	EET CLE
7196A	Chromium, Hexavalent	SW846	ELLE
9012B	Cyanide, Total andor Amenable	SW846	EET CLE
Moisture	Percent Moisture	EPA	EET CLE
OIA-1677	Cyanide, Free (Flow Injection)	OI CORP	ELLE
3050B	Preparation, Metals	SW846	EET CLE
3060A	Alkaline Digestion (Chromium, Hexavalent)	SW846	ELLE
3546	Microwave Extraction	SW846	EET CLE
5030C	Purge and Trap	SW846	EET CLE
7471B	Preparation, Mercury	SW846	EET CLE
9012B	Cyanide, Total and/or Amenable, Distillation	SW846	EET CLE
D3987-85	ASTM Leaching Procedure	ASTM	ELLE

Protocol References:

ASTM = ASTM International

EPA = US Environmental Protection Agency

OI CORP = OI Corporation Instrument Manual.

SW846 = "Test Methods For Evaluating Solid Waste, Physical/Chemical Methods", Third Edition, November 1986 And Its Updates.

Laboratory References:

EET CLE = Eurofins Cleveland, 180 S. Van Buren Avenue, Barberton, OH 44203, TEL (330)497-9396

ELLE = Eurofins Lancaster Laboratories Environment Testing, LLC, 2425 New Holland Pike, Lancaster, PA 17601, TEL (717)656-2300

Sample Summary

Client: August Mack Environmental, Inc.
Job ID: 240-213548-1
Project/Site: MSC Canfield - Soil/Surface Water

Lab Sample ID	Client Sample ID	Matrix	Collected	Received
240-213548-1	SB-14-12-14	Solid	10/21/24 13:28	10/22/24 16:10
240-213548-2	SB-14-18-20	Solid	10/21/24 13:33	10/22/24 16:10
240-213548-3	SB-12-14-16	Solid	10/21/24 15:56	10/22/24 16:10
240-213548-4	SB-DUP-4	Solid	10/21/24 00:00	10/22/24 16:10
240-213548-5	SB-12-18-20	Solid	10/21/24 16:08	10/22/24 16:10
240-213548-6	SB-12-6-8	Solid	10/21/24 15:45	10/22/24 16:10
240-213548-7	SB-14-6-8	Solid	10/21/24 13:20	10/22/24 16:10
240-213548-8	TB-14-20241021	Water	10/21/24 00:00	10/22/24 16:10

Detection Summary

Client: August Mack Environmental, Inc.
Project/Site: MSC Canfield - Soil/Surface Water

Job ID: 240-213548-1

Client Sample ID: SB-14-12-14 — Lab Sample ID: 240-213548-1

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Toluene	1.3	J	5.5	0.84	ug/Kg	1	☼	8260D	Total/NA
Arsenic	15		1.7	0.35	mg/Kg	1	☼	6010D	Total/NA
Barium	41		22	0.14	mg/Kg	1	☼	6010D	Total/NA
Cadmium	0.054	J	0.56	0.054	mg/Kg	1	☼	6010D	Total/NA
Chromium	15		1.1	0.38	mg/Kg	1	☼	6010D	Total/NA
Copper	20		2.8	0.78	mg/Kg	1	☼	6010D	Total/NA
Lead	11		1.1	0.31	mg/Kg	1	☼	6010D	Total/NA
Zinc	60		5.6	4.0	mg/Kg	1	☼	6010D	Total/NA

Client Sample ID: SB-14-18-20 — Lab Sample ID: 240-213548-2

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Bis(2-ethylhexyl) phthalate	97	J	170	65	ug/Kg	1	☼	8270E	Total/NA
Arsenic	11		1.5	0.33	mg/Kg	1	☼	6010D	Total/NA
Barium	19	J	21	0.13	mg/Kg	1	☼	6010D	Total/NA
Cadmium	0.090	J	0.51	0.049	mg/Kg	1	☼	6010D	Total/NA
Chromium	12		1.0	0.35	mg/Kg	1	☼	6010D	Total/NA
Copper	18		2.6	0.72	mg/Kg	1	☼	6010D	Total/NA
Lead	10		1.0	0.29	mg/Kg	1	☼	6010D	Total/NA
Zinc	64		5.1	3.7	mg/Kg	1	☼	6010D	Total/NA

Client Sample ID: SB-12-14-16 — Lab Sample ID: 240-213548-3

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
2-Butanone (MEK)	4.1	J	22	3.9	ug/Kg	1	☼	8260D	Total/NA
Bis(2-ethylhexyl) phthalate	88	J	170	64	ug/Kg	1	☼	8270E	Total/NA
Arsenic	14		1.4	0.29	mg/Kg	1	☼	6010D	Total/NA
Barium	56		18	0.12	mg/Kg	1	☼	6010D	Total/NA
Cadmium	0.057	J	0.46	0.044	mg/Kg	1	☼	6010D	Total/NA
Chromium	15		0.92	0.32	mg/Kg	1	☼	6010D	Total/NA
Copper	18		2.3	0.64	mg/Kg	1	☼	6010D	Total/NA
Lead	10		0.92	0.26	mg/Kg	1	☼	6010D	Total/NA
Zinc	69		4.6	3.3	mg/Kg	1	☼	6010D	Total/NA

Client Sample ID: SB-DUP-4 — Lab Sample ID: 240-213548-4

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
2-Butanone (MEK)	20	J	23	4.0	ug/Kg	1	☼	8260D	Total/NA
Acetone	180		28	24	ug/Kg	1	☼	8260D	Total/NA
Carbon disulfide	3.3	J	5.7	1.3	ug/Kg	1	☼	8260D	Total/NA
Bis(2-ethylhexyl) phthalate	92	J	170	64	ug/Kg	1	☼	8270E	Total/NA
Arsenic	9.1		1.5	0.31	mg/Kg	1	☼	6010D	Total/NA
Barium	62		19	0.12	mg/Kg	1	☼	6010D	Total/NA
Cadmium	0.35	J	0.48	0.046	mg/Kg	1	☼	6010D	Total/NA
Chromium	11		0.97	0.33	mg/Kg	1	☼	6010D	Total/NA
Copper	12		2.4	0.68	mg/Kg	1	☼	6010D	Total/NA
Lead	9.9		0.97	0.27	mg/Kg	1	☼	6010D	Total/NA
Zinc	47		4.8	3.5	mg/Kg	1	☼	6010D	Total/NA

Client Sample ID: SB-12-18-20 — Lab Sample ID: 240-213548-5

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
2-Methylnaphthalene	25	J	44	14	ug/Kg	1	☼	8270E	Total/NA

This Detection Summary does not include radiochemical test results.

Eurofins Cleveland

Client Sample ID: SB-12-18-20 (Continued)

Lab Sample ID: 240-213548-5

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Bis(2-ethylhexyl) phthalate	100	J	170	62	ug/Kg	1	☼	8270E	Total/NA
Phenanthrene	33	J	44	14	ug/Kg	1	☼	8270E	Total/NA
Arsenic	13		1.4	0.30	mg/Kg	1	☼	6010D	Total/NA
Barium	18	J	19	0.12	mg/Kg	1	☼	6010D	Total/NA
Cadmium	0.062	J	0.47	0.045	mg/Kg	1	☼	6010D	Total/NA
Chromium	13		0.94	0.32	mg/Kg	1	☼	6010D	Total/NA
Copper	17		2.4	0.66	mg/Kg	1	☼	6010D	Total/NA
Lead	9.8		0.94	0.27	mg/Kg	1	☼	6010D	Total/NA
Zinc	55		4.7	3.4	mg/Kg	1	☼	6010D	Total/NA

Client Sample ID: SB-12-6-8

Lab Sample ID: 240-213548-6

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
2-Butanone (MEK)	5.3	J	22	3.9	ug/Kg	1	☼	8260D	Total/NA
Acetone	51		27	23	ug/Kg	1	☼	8260D	Total/NA
Bis(2-ethylhexyl) phthalate	88	J	170	64	ug/Kg	1	☼	8270E	Total/NA
Arsenic	16		1.6	0.34	mg/Kg	1	☼	6010D	Total/NA
Barium	59		22	0.14	mg/Kg	1	☼	6010D	Total/NA
Cadmium	0.075	J	0.54	0.052	mg/Kg	1	☼	6010D	Total/NA
Chromium	15		1.1	0.37	mg/Kg	1	☼	6010D	Total/NA
Copper	19		2.7	0.76	mg/Kg	1	☼	6010D	Total/NA
Lead	11		1.1	0.30	mg/Kg	1	☼	6010D	Total/NA
Zinc	69		5.4	3.9	mg/Kg	1	☼	6010D	Total/NA
Cyanide, Total	2.1		0.62	0.49	mg/Kg	1	☼	9012B	Total/NA
Cyanide, Free	0.0052	J	0.0060	0.0050	mg/L	1		OIA-1677	ASTM Leach

Client Sample ID: SB-14-6-8

Lab Sample ID: 240-213548-7

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
2-Butanone (MEK)	6.4	J	22	3.9	ug/Kg	1	☼	8260D	Total/NA
Acetone	65		28	23	ug/Kg	1	☼	8260D	Total/NA
2-Methylnaphthalene	16	J	48	15	ug/Kg	1	☼	8270E	Total/NA
Benzo[a]anthracene	35	J	48	18	ug/Kg	1	☼	8270E	Total/NA
Benzo[a]pyrene	36	J	48	17	ug/Kg	1	☼	8270E	Total/NA
Benzo[b]fluoranthene	56		48	14	ug/Kg	1	☼	8270E	Total/NA
Benzo[k]fluoranthene	17	J	48	12	ug/Kg	1	☼	8270E	Total/NA
Chrysene	42	J	48	17	ug/Kg	1	☼	8270E	Total/NA
Fluoranthene	95		48	17	ug/Kg	1	☼	8270E	Total/NA
Indeno[1,2,3-cd]pyrene	23	J	48	14	ug/Kg	1	☼	8270E	Total/NA
Naphthalene	15	J	48	15	ug/Kg	1	☼	8270E	Total/NA
Phenanthrene	42	J	48	15	ug/Kg	1	☼	8270E	Total/NA
Pyrene	72		48	19	ug/Kg	1	☼	8270E	Total/NA
Arsenic	17		1.4	0.30	mg/Kg	1	☼	6010D	Total/NA
Barium	48		19	0.12	mg/Kg	1	☼	6010D	Total/NA
Cadmium	0.054	J	0.48	0.046	mg/Kg	1	☼	6010D	Total/NA
Chromium	19		0.96	0.33	mg/Kg	1	☼	6010D	Total/NA
Copper	19		2.4	0.67	mg/Kg	1	☼	6010D	Total/NA
Lead	16		0.96	0.27	mg/Kg	1	☼	6010D	Total/NA
Zinc	110		4.8	3.5	mg/Kg	1	☼	6010D	Total/NA
Cr (VI)	0.20	J	0.48	0.16	mg/Kg	1	☼	7196A	Total/NA
Cyanide, Total	1.0		0.57	0.45	mg/Kg	1	☼	9012B	Total/NA

This Detection Summary does not include radiochemical test results.

Detection Summary

Client: August Mack Environmental, Inc.
Project/Site: MSC Canfield - Soil/Surface Water

Job ID: 240-213548-1

Client Sample ID: TB-14-20241021 **Lab Sample ID: 240-213548-8**

No Detections.

This Detection Summary does not include radiochemical test results.

Client: August Mack Environmental, Inc.
Project/Site: MSC Canfield - Soil/Surface Water

Job ID: 240-213548-1

Client Sample ID: SB-14-12-14
Date Collected: 10/21/24 13:28
Date Received: 10/22/24 16:10

Lab Sample ID: 240-213548-1
Matrix: Solid
Percent Solids: 87.0

Method: SW846 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		5.5	1.9	ug/Kg	☼	10/25/24 11:33	10/25/24 17:56	1
1,1,2,2-Tetrachloroethane	ND		5.5	1.6	ug/Kg	☼	10/25/24 11:33	10/25/24 17:56	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		5.5	1.4	ug/Kg	☼	10/25/24 11:33	10/25/24 17:56	1
1,1,2-Trichloroethane	ND		5.5	1.2	ug/Kg	☼	10/25/24 11:33	10/25/24 17:56	1
1,1-Dichloroethane	ND		5.5	1.5	ug/Kg	☼	10/25/24 11:33	10/25/24 17:56	1
1,1-Dichloroethene	ND		5.5	2.0	ug/Kg	☼	10/25/24 11:33	10/25/24 17:56	1
1,2,4-Trichlorobenzene	ND		5.5	2.7	ug/Kg	☼	10/25/24 11:33	10/25/24 17:56	1
1,2-Dibromo-3-Chloropropane	ND		11	3.9	ug/Kg	☼	10/25/24 11:33	10/25/24 17:56	1
Ethylene Dibromide	ND		5.5	1.8	ug/Kg	☼	10/25/24 11:33	10/25/24 17:56	1
1,2-Dichlorobenzene	ND		5.5	1.2	ug/Kg	☼	10/25/24 11:33	10/25/24 17:56	1
1,2-Dichloroethane	ND		5.5	2.0	ug/Kg	☼	10/25/24 11:33	10/25/24 17:56	1
1,2-Dichloropropane	ND		5.5	0.93	ug/Kg	☼	10/25/24 11:33	10/25/24 17:56	1
1,3-Dichlorobenzene	ND		5.5	1.8	ug/Kg	☼	10/25/24 11:33	10/25/24 17:56	1
1,4-Dichlorobenzene	ND		5.5	0.96	ug/Kg	☼	10/25/24 11:33	10/25/24 17:56	1
2-Butanone (MEK)	ND		22	3.9	ug/Kg	☼	10/25/24 11:33	10/25/24 17:56	1
2-Hexanone	ND		22	4.5	ug/Kg	☼	10/25/24 11:33	10/25/24 17:56	1
4-Methyl-2-pentanone (MIBK)	ND		22	4.0	ug/Kg	☼	10/25/24 11:33	10/25/24 17:56	1
Acetone	ND		27	23	ug/Kg	☼	10/25/24 11:33	10/25/24 17:56	1
Benzene	ND		5.5	1.6	ug/Kg	☼	10/25/24 11:33	10/25/24 17:56	1
Dichlorobromomethane	ND		5.5	1.6	ug/Kg	☼	10/25/24 11:33	10/25/24 17:56	1
Bromoform	ND		5.5	2.6	ug/Kg	☼	10/25/24 11:33	10/25/24 17:56	1
Bromomethane	ND		5.5	4.5	ug/Kg	☼	10/25/24 11:33	10/25/24 17:56	1
Carbon disulfide	ND		5.5	1.3	ug/Kg	☼	10/25/24 11:33	10/25/24 17:56	1
Carbon tetrachloride	ND		5.5	3.5	ug/Kg	☼	10/25/24 11:33	10/25/24 17:56	1
Chlorobenzene	ND		5.5	1.0	ug/Kg	☼	10/25/24 11:33	10/25/24 17:56	1
Chloroethane	ND		5.5	3.0	ug/Kg	☼	10/25/24 11:33	10/25/24 17:56	1
Chloroform	ND		5.5	2.0	ug/Kg	☼	10/25/24 11:33	10/25/24 17:56	1
Chloromethane	ND		5.5	2.5	ug/Kg	☼	10/25/24 11:33	10/25/24 17:56	1
cis-1,2-Dichloroethene	ND		5.5	1.6	ug/Kg	☼	10/25/24 11:33	10/25/24 17:56	1
cis-1,3-Dichloropropene	ND		5.5	3.1	ug/Kg	☼	10/25/24 11:33	10/25/24 17:56	1
Cyclohexane	ND		11	1.5	ug/Kg	☼	10/25/24 11:33	10/25/24 17:56	1
Chlorodibromomethane	ND		5.5	3.0	ug/Kg	☼	10/25/24 11:33	10/25/24 17:56	1
Dichlorodifluoromethane	ND		5.5	2.5	ug/Kg	☼	10/25/24 11:33	10/25/24 17:56	1
Ethylbenzene	ND		5.5	1.1	ug/Kg	☼	10/25/24 11:33	10/25/24 17:56	1
Isopropylbenzene	ND		5.5	2.1	ug/Kg	☼	10/25/24 11:33	10/25/24 17:56	1
Methyl acetate	ND		27	3.7	ug/Kg	☼	10/25/24 11:33	10/25/24 17:56	1
Methyl tert-butyl ether	ND		5.5	2.2	ug/Kg	☼	10/25/24 11:33	10/25/24 17:56	1
Methylcyclohexane	ND		11	1.3	ug/Kg	☼	10/25/24 11:33	10/25/24 17:56	1
Methylene Chloride	ND	*+	27	13	ug/Kg	☼	10/25/24 11:33	10/25/24 17:56	1
Styrene	ND		5.5	1.3	ug/Kg	☼	10/25/24 11:33	10/25/24 17:56	1
Tetrachloroethene	ND		5.5	2.1	ug/Kg	☼	10/25/24 11:33	10/25/24 17:56	1
Toluene	**1.3**	**J**	5.5	0.84	ug/Kg	☼	10/25/24 11:33	10/25/24 17:56	1
trans-1,2-Dichloroethene	ND		5.5	1.5	ug/Kg	☼	10/25/24 11:33	10/25/24 17:56	1
trans-1,3-Dichloropropene	ND		5.5	2.0	ug/Kg	☼	10/25/24 11:33	10/25/24 17:56	1
Trichloroethene	ND		5.5	1.6	ug/Kg	☼	10/25/24 11:33	10/25/24 17:56	1
Trichlorofluoromethane	ND		5.5	2.9	ug/Kg	☼	10/25/24 11:33	10/25/24 17:56	1
Vinyl chloride	ND		5.5	1.9	ug/Kg	☼	10/25/24 11:33	10/25/24 17:56	1
Xylenes, Total	ND		11	1.7	ug/Kg	☼	10/25/24 11:33	10/25/24 17:56	1

Client Sample ID: SB-14-12-14
Date Collected: 10/21/24 13:28
Date Received: 10/22/24 16:10

Lab Sample ID: 240-213548-1
Matrix: Solid
Percent Solids: 87.0

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Toluene-d8 (Surr)	*102*		*56 - 125*	*10/25/24 11:33*	*10/25/24 17:56*	*1*
Dibromofluoromethane (Surr)	*102*		*41 - 138*	*10/25/24 11:33*	*10/25/24 17:56*	*1*
4-Bromofluorobenzene (Surr)	*92*		*41 - 143*	*10/25/24 11:33*	*10/25/24 17:56*	*1*
1,2-Dichloroethane-d4 (Surr)	*103*		*58 - 125*	*10/25/24 11:33*	*10/25/24 17:56*	*1*

Method: SW846 8270E - Semivolatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1'-Biphenyl	ND		110	32	ug/Kg	☼	10/31/24 08:53	11/01/24 09:47	1
bis (2-chloroisopropyl) ether	ND		110	30	ug/Kg	☼	10/31/24 08:53	11/01/24 09:47	1
2,4,5-Trichlorophenol	ND		170	38	ug/Kg	☼	10/31/24 08:53	11/01/24 09:47	1
2,4,6-Trichlorophenol	ND		170	33	ug/Kg	☼	10/31/24 08:53	11/01/24 09:47	1
2,4-Dichlorophenol	ND		170	31	ug/Kg	☼	10/31/24 08:53	11/01/24 09:47	1
2,4-Dimethylphenol	ND		170	41	ug/Kg	☼	10/31/24 08:53	11/01/24 09:47	1
2,4-Dinitrophenol	ND		380	190	ug/Kg	☼	10/31/24 08:53	11/01/24 09:47	1
2,4-Dinitrotoluene	ND		230	26	ug/Kg	☼	10/31/24 08:53	11/01/24 09:47	1
2,6-Dinitrotoluene	ND		230	41	ug/Kg	☼	10/31/24 08:53	11/01/24 09:47	1
2-Chloronaphthalene	ND		110	32	ug/Kg	☼	10/31/24 08:53	11/01/24 09:47	1
2-Chlorophenol	ND		110	30	ug/Kg	☼	10/31/24 08:53	11/01/24 09:47	1
2-Methylnaphthalene	ND		46	15	ug/Kg	☼	10/31/24 08:53	11/01/24 09:47	1
2-Methylphenol	ND		230	47	ug/Kg	☼	10/31/24 08:53	11/01/24 09:47	1
2-Nitroaniline	ND		230	43	ug/Kg	☼	10/31/24 08:53	11/01/24 09:47	1
2-Nitrophenol	ND		110	40	ug/Kg	☼	10/31/24 08:53	11/01/24 09:47	1
3,3'-Dichlorobenzidine	ND		170	110	ug/Kg	☼	10/31/24 08:53	11/01/24 09:47	1
3-Nitroaniline	ND		230	40	ug/Kg	☼	10/31/24 08:53	11/01/24 09:47	1
4,6-Dinitro-2-methylphenol	ND		380	120	ug/Kg	☼	10/31/24 08:53	11/01/24 09:47	1
4-Bromophenyl phenyl ether	ND		110	36	ug/Kg	☼	10/31/24 08:53	11/01/24 09:47	1
4-Chloro-3-methylphenol	ND		170	43	ug/Kg	☼	10/31/24 08:53	11/01/24 09:47	1
4-Chloroaniline	ND		170	18	ug/Kg	☼	10/31/24 08:53	11/01/24 09:47	1
4-Chlorophenyl phenyl ether	ND		110	32	ug/Kg	☼	10/31/24 08:53	11/01/24 09:47	1
4-Nitroaniline	ND		230	30	ug/Kg	☼	10/31/24 08:53	11/01/24 09:47	1
4-Nitrophenol	ND		380	100	ug/Kg	☼	10/31/24 08:53	11/01/24 09:47	1
Acenaphthene	ND		46	16	ug/Kg	☼	10/31/24 08:53	11/01/24 09:47	1
Acenaphthylene	ND		46	17	ug/Kg	☼	10/31/24 08:53	11/01/24 09:47	1
Acetophenone	ND		110	28	ug/Kg	☼	10/31/24 08:53	11/01/24 09:47	1
Anthracene	ND		46	14	ug/Kg	☼	10/31/24 08:53	11/01/24 09:47	1
Atrazine	ND		380	79	ug/Kg	☼	10/31/24 08:53	11/01/24 09:47	1
Benzaldehyde	ND		380	64	ug/Kg	☼	10/31/24 08:53	11/01/24 09:47	1
Benzo[a]anthracene	ND		46	17	ug/Kg	☼	10/31/24 08:53	11/01/24 09:47	1
Benzo[a]pyrene	ND		46	16	ug/Kg	☼	10/31/24 08:53	11/01/24 09:47	1
Benzo[b]fluoranthene	ND		46	14	ug/Kg	☼	10/31/24 08:53	11/01/24 09:47	1
Benzo[g,h,i]perylene	ND		46	31	ug/Kg	☼	10/31/24 08:53	11/01/24 09:47	1
Benzo[k]fluoranthene	ND		46	11	ug/Kg	☼	10/31/24 08:53	11/01/24 09:47	1
Bis(2-chloroethoxy)methane	ND		110	23	ug/Kg	☼	10/31/24 08:53	11/01/24 09:47	1
Bis(2-chloroethyl)ether	ND		110	25	ug/Kg	☼	10/31/24 08:53	11/01/24 09:47	1
Bis(2-ethylhexyl) phthalate	ND		170	64	ug/Kg	☼	10/31/24 08:53	11/01/24 09:47	1
Butyl benzyl phthalate	ND		170	58	ug/Kg	☼	10/31/24 08:53	11/01/24 09:47	1
Caprolactam	ND		380	79	ug/Kg	☼	10/31/24 08:53	11/01/24 09:47	1
Carbazole	ND		110	31	ug/Kg	☼	10/31/24 08:53	11/01/24 09:47	1
Chrysene	ND		46	16	ug/Kg	☼	10/31/24 08:53	11/01/24 09:47	1
Dibenz(a,h)anthracene	ND		46	17	ug/Kg	☼	10/31/24 08:53	11/01/24 09:47	1

Client Sample ID: SB-14-12-14
Lab Sample ID: 240-213548-1
Date Collected: 10/21/24 13:28
Matrix: Solid
Date Received: 10/22/24 16:10
Percent Solids: 87.0

Method: SW846 8270E - Semivolatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Dibenzofuran	ND		110	33	ug/Kg	☼	10/31/24 08:53	11/01/24 09:47	1
Diethyl phthalate	ND		170	49	ug/Kg	☼	10/31/24 08:53	11/01/24 09:47	1
Dimethyl phthalate	ND		170	46	ug/Kg	☼	10/31/24 08:53	11/01/24 09:47	1
Di-n-butyl phthalate	ND		170	58	ug/Kg	☼	10/31/24 08:53	11/01/24 09:47	1
Di-n-octyl phthalate	ND		170	57	ug/Kg	☼	10/31/24 08:53	11/01/24 09:47	1
Fluoranthene	ND		46	16	ug/Kg	☼	10/31/24 08:53	11/01/24 09:47	1
Fluorene	ND		46	16	ug/Kg	☼	10/31/24 08:53	11/01/24 09:47	1
Hexachlorobenzene	ND		46	16	ug/Kg	☼	10/31/24 08:53	11/01/24 09:47	1
Hexachlorobutadiene	ND		110	24	ug/Kg	☼	10/31/24 08:53	11/01/24 09:47	1
Hexachlorocyclopentadiene	ND		380	44	ug/Kg	☼	10/31/24 08:53	11/01/24 09:47	1
Hexachloroethane	ND		110	36	ug/Kg	☼	10/31/24 08:53	11/01/24 09:47	1
Indeno[1,2,3-cd]pyrene	ND		46	14	ug/Kg	☼	10/31/24 08:53	11/01/24 09:47	1
Isophorone	ND		110	30	ug/Kg	☼	10/31/24 08:53	11/01/24 09:47	1
N-Nitrosodi-n-propylamine	ND		110	42	ug/Kg	☼	10/31/24 08:53	11/01/24 09:47	1
N-Nitrosodiphenylamine	ND		110	31	ug/Kg	☼	10/31/24 08:53	11/01/24 09:47	1
Naphthalene	ND		46	15	ug/Kg	☼	10/31/24 08:53	11/01/24 09:47	1
Nitrobenzene	ND		110	25	ug/Kg	☼	10/31/24 08:53	11/01/24 09:47	1
Pentachlorophenol	ND		310	120	ug/Kg	☼	10/31/24 08:53	11/01/24 09:47	1
Phenanthrene	ND		46	15	ug/Kg	☼	10/31/24 08:53	11/01/24 09:47	1
Phenol	ND		110	43	ug/Kg	☼	10/31/24 08:53	11/01/24 09:47	1
Pyrene	ND		46	18	ug/Kg	☼	10/31/24 08:53	11/01/24 09:47	1
3 & 4 Methylphenol	ND		460	47	ug/Kg	☼	10/31/24 08:53	11/01/24 09:47	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Terphenyl-d14 (Surr)	*75*		*37 - 120*	*10/31/24 08:53*	*11/01/24 09:47*	*1*
Phenol-d5 (Surr)	*64*		*29 - 120*	*10/31/24 08:53*	*11/01/24 09:47*	*1*
Nitrobenzene-d5 (Surr)	*56*		*28 - 120*	*10/31/24 08:53*	*11/01/24 09:47*	*1*
2-Fluorophenol (Surr)	*62*		*26 - 120*	*10/31/24 08:53*	*11/01/24 09:47*	*1*
2-Fluorobiphenyl (Surr)	*60*		*36 - 120*	*10/31/24 08:53*	*11/01/24 09:47*	*1*
2,4,6-Tribromophenol (Surr)	*70*		*10 - 120*	*10/31/24 08:53*	*11/01/24 09:47*	*1*

Method: SW846 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aroclor-1016	ND		58	29	ug/Kg	☼	10/25/24 10:51	10/28/24 09:30	1
Aroclor-1221	ND		58	35	ug/Kg	☼	10/25/24 10:51	10/28/24 09:30	1
Aroclor-1232	ND		58	24	ug/Kg	☼	10/25/24 10:51	10/28/24 09:30	1
Aroclor-1242	ND		58	22	ug/Kg	☼	10/25/24 10:51	10/28/24 09:30	1
Aroclor-1248	ND		58	20	ug/Kg	☼	10/25/24 10:51	10/28/24 09:30	1
Aroclor-1254	ND		58	24	ug/Kg	☼	10/25/24 10:51	10/28/24 09:30	1
Aroclor-1260	ND		58	24	ug/Kg	☼	10/25/24 10:51	10/28/24 09:30	1
Aroclor-1262	ND		58	25	ug/Kg	☼	10/25/24 10:51	10/28/24 09:30	1
Aroclor-1268	ND		58	19	ug/Kg	☼	10/25/24 10:51	10/28/24 09:30	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Tetrachloro-m-xylene	*77*		*10 - 149*	*10/25/24 10:51*	*10/28/24 09:30*	*1*
DCB Decachlorobiphenyl	*86*		*10 - 174*	*10/25/24 10:51*	*10/28/24 09:30*	*1*

Method: SW846 6010D - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	**15**		1.7	0.35	mg/Kg	☼	10/24/24 15:00	10/26/24 02:17	1

Client: August Mack Environmental, Inc.
Job ID: 240-213548-1
Project/Site: MSC Canfield - Soil/Surface Water

Client Sample ID: SB-14-12-14
Lab Sample ID: 240-213548-1
Date Collected: 10/21/24 13:28
Matrix: Solid
Date Received: 10/22/24 16:10
Percent Solids: 87.0

Method: SW846 6010D - Metals (ICP) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Barium	41		22	0.14	mg/Kg	☼	10/24/24 15:00	10/26/24 02:17	1
Cadmium	0.054	J	0.56	0.054	mg/Kg	☼	10/24/24 15:00	10/26/24 02:17	1
Chromium	15		1.1	0.38	mg/Kg	☼	10/24/24 15:00	10/26/24 02:17	1
Copper	20		2.8	0.78	mg/Kg	☼	10/24/24 15:00	10/26/24 02:17	1
Lead	11		1.1	0.31	mg/Kg	☼	10/24/24 15:00	10/26/24 02:17	1
Selenium	ND		2.2	0.52	mg/Kg	☼	10/24/24 15:00	10/26/24 02:17	1
Silver	ND		1.1	0.090	mg/Kg	☼	10/24/24 15:00	10/26/24 02:17	1
Zinc	60		5.6	4.0	mg/Kg	☼	10/24/24 15:00	10/26/24 02:17	1

Method: SW846 7471B - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	ND		0.099	0.018	mg/Kg	☼	10/24/24 15:00	10/25/24 09:35	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cr (VI) (SW846 7196A)	ND		0.48	0.16	mg/Kg	☼	11/04/24 11:49	11/05/24 18:28	1
Cyanide, Total (SW846 9012B)	ND		0.55	0.44	mg/Kg	☼	11/01/24 10:13	11/01/24 13:06	1

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Solids (EPA Moisture)	87.0		0.1	0.1	%			10/23/24 15:51	1
Percent Moisture (EPA Moisture)	13.0		0.1	0.1	%			10/23/24 15:51	1

General Chemistry - ASTM Leach

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cyanide, Free (OI CORP OIA-1677)	ND		0.0060	0.0050	mg/L			11/08/24 16:02	1

Client: August Mack Environmental, Inc.
Project/Site: MSC Canfield - Soil/Surface Water

Job ID: 240-213548-1

Client Sample ID: SB-14-18-20
Date Collected: 10/21/24 13:33
Date Received: 10/22/24 16:10

Lab Sample ID: 240-213548-2
Matrix: Solid
Percent Solids: 87.5

Method: SW846 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		5.5	1.9	ug/Kg	☼	10/25/24 11:33	10/25/24 19:21	1
1,1,2,2-Tetrachloroethane	ND		5.5	1.6	ug/Kg	☼	10/25/24 11:33	10/25/24 19:21	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		5.5	1.4	ug/Kg	☼	10/25/24 11:33	10/25/24 19:21	1
1,1,2-Trichloroethane	ND		5.5	1.2	ug/Kg	☼	10/25/24 11:33	10/25/24 19:21	1
1,1-Dichloroethane	ND		5.5	1.6	ug/Kg	☼	10/25/24 11:33	10/25/24 19:21	1
1,1-Dichloroethene	ND		5.5	2.0	ug/Kg	☼	10/25/24 11:33	10/25/24 19:21	1
1,2,4-Trichlorobenzene	ND		5.5	2.8	ug/Kg	☼	10/25/24 11:33	10/25/24 19:21	1
1,2-Dibromo-3-Chloropropane	ND		11	4.0	ug/Kg	☼	10/25/24 11:33	10/25/24 19:21	1
Ethylene Dibromide	ND		5.5	1.8	ug/Kg	☼	10/25/24 11:33	10/25/24 19:21	1
1,2-Dichlorobenzene	ND		5.5	1.2	ug/Kg	☼	10/25/24 11:33	10/25/24 19:21	1
1,2-Dichloroethane	ND		5.5	2.0	ug/Kg	☼	10/25/24 11:33	10/25/24 19:21	1
1,2-Dichloropropane	ND		5.5	0.94	ug/Kg	☼	10/25/24 11:33	10/25/24 19:21	1
1,3-Dichlorobenzene	ND		5.5	1.8	ug/Kg	☼	10/25/24 11:33	10/25/24 19:21	1
1,4-Dichlorobenzene	ND		5.5	0.97	ug/Kg	☼	10/25/24 11:33	10/25/24 19:21	1
2-Butanone (MEK)	ND		22	3.9	ug/Kg	☼	10/25/24 11:33	10/25/24 19:21	1
2-Hexanone	ND		22	4.5	ug/Kg	☼	10/25/24 11:33	10/25/24 19:21	1
4-Methyl-2-pentanone (MIBK)	ND		22	4.1	ug/Kg	☼	10/25/24 11:33	10/25/24 19:21	1
Acetone	ND		28	23	ug/Kg	☼	10/25/24 11:33	10/25/24 19:21	1
Benzene	ND		5.5	1.7	ug/Kg	☼	10/25/24 11:33	10/25/24 19:21	1
Dichlorobromomethane	ND		5.5	1.7	ug/Kg	☼	10/25/24 11:33	10/25/24 19:21	1
Bromoform	ND		5.5	2.6	ug/Kg	☼	10/25/24 11:33	10/25/24 19:21	1
Bromomethane	ND		5.5	4.6	ug/Kg	☼	10/25/24 11:33	10/25/24 19:21	1
Carbon disulfide	ND		5.5	1.3	ug/Kg	☼	10/25/24 11:33	10/25/24 19:21	1
Carbon tetrachloride	ND		5.5	3.6	ug/Kg	☼	10/25/24 11:33	10/25/24 19:21	1
Chlorobenzene	ND		5.5	1.0	ug/Kg	☼	10/25/24 11:33	10/25/24 19:21	1
Chloroethane	ND		5.5	3.0	ug/Kg	☼	10/25/24 11:33	10/25/24 19:21	1
Chloroform	ND		5.5	2.0	ug/Kg	☼	10/25/24 11:33	10/25/24 19:21	1
Chloromethane	ND		5.5	2.5	ug/Kg	☼	10/25/24 11:33	10/25/24 19:21	1
cis-1,2-Dichloroethene	ND		5.5	1.6	ug/Kg	☼	10/25/24 11:33	10/25/24 19:21	1
cis-1,3-Dichloropropene	ND		5.5	3.2	ug/Kg	☼	10/25/24 11:33	10/25/24 19:21	1
Cyclohexane	ND		11	1.5	ug/Kg	☼	10/25/24 11:33	10/25/24 19:21	1
Chlorodibromomethane	ND		5.5	3.1	ug/Kg	☼	10/25/24 11:33	10/25/24 19:21	1
Dichlorodifluoromethane	ND		5.5	2.5	ug/Kg	☼	10/25/24 11:33	10/25/24 19:21	1
Ethylbenzene	ND		5.5	1.2	ug/Kg	☼	10/25/24 11:33	10/25/24 19:21	1
Isopropylbenzene	ND		5.5	2.1	ug/Kg	☼	10/25/24 11:33	10/25/24 19:21	1
Methyl acetate	ND		28	3.7	ug/Kg	☼	10/25/24 11:33	10/25/24 19:21	1
Methyl tert-butyl ether	ND		5.5	2.2	ug/Kg	☼	10/25/24 11:33	10/25/24 19:21	1
Methylcyclohexane	ND		11	1.4	ug/Kg	☼	10/25/24 11:33	10/25/24 19:21	1
Methylene Chloride	ND	*+	28	13	ug/Kg	☼	10/25/24 11:33	10/25/24 19:21	1
Styrene	ND		5.5	1.3	ug/Kg	☼	10/25/24 11:33	10/25/24 19:21	1
Tetrachloroethene	ND		5.5	2.1	ug/Kg	☼	10/25/24 11:33	10/25/24 19:21	1
Toluene	ND		5.5	0.85	ug/Kg	☼	10/25/24 11:33	10/25/24 19:21	1
trans-1,2-Dichloroethene	ND		5.5	1.6	ug/Kg	☼	10/25/24 11:33	10/25/24 19:21	1
trans-1,3-Dichloropropene	ND		5.5	2.0	ug/Kg	☼	10/25/24 11:33	10/25/24 19:21	1
Trichloroethene	ND		5.5	1.6	ug/Kg	☼	10/25/24 11:33	10/25/24 19:21	1
Trichlorofluoromethane	ND		5.5	3.0	ug/Kg	☼	10/25/24 11:33	10/25/24 19:21	1
Vinyl chloride	ND		5.5	1.9	ug/Kg	☼	10/25/24 11:33	10/25/24 19:21	1
Xylenes, Total	ND		11	1.7	ug/Kg	☼	10/25/24 11:33	10/25/24 19:21	1

Client Sample ID: SB-14-18-20
Date Collected: 10/21/24 13:33
Date Received: 10/22/24 16:10

Lab Sample ID: 240-213548-2
Matrix: Solid
Percent Solids: 87.5

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Toluene-d8 (Surr)	*100*		*56 - 125*	*10/25/24 11:33*	*10/25/24 19:21*	*1*
Dibromofluoromethane (Surr)	*99*		*41 - 138*	*10/25/24 11:33*	*10/25/24 19:21*	*1*
4-Bromofluorobenzene (Surr)	*90*		*41 - 143*	*10/25/24 11:33*	*10/25/24 19:21*	*1*
1,2-Dichloroethane-d4 (Surr)	*100*		*58 - 125*	*10/25/24 11:33*	*10/25/24 19:21*	*1*

Method: SW846 8270E - Semivolatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1'-Biphenyl	ND		120	33	ug/Kg	☼	10/24/24 09:40	10/28/24 14:33	1
bis (2-chloroisopropyl) ether	ND		120	30	ug/Kg	☼	10/24/24 09:40	10/28/24 14:33	1
2,4,5-Trichlorophenol	ND		170	38	ug/Kg	☼	10/24/24 09:40	10/28/24 14:33	1
2,4,6-Trichlorophenol	ND		170	34	ug/Kg	☼	10/24/24 09:40	10/28/24 14:33	1
2,4-Dichlorophenol	ND		170	31	ug/Kg	☼	10/24/24 09:40	10/28/24 14:33	1
2,4-Dimethylphenol	ND		170	42	ug/Kg	☼	10/24/24 09:40	10/28/24 14:33	1
2,4-Dinitrophenol	ND		380	200	ug/Kg	☼	10/24/24 09:40	10/28/24 14:33	1
2,4-Dinitrotoluene	ND		230	27	ug/Kg	☼	10/24/24 09:40	10/28/24 14:33	1
2,6-Dinitrotoluene	ND		230	42	ug/Kg	☼	10/24/24 09:40	10/28/24 14:33	1
2-Chloronaphthalene	ND		120	33	ug/Kg	☼	10/24/24 09:40	10/28/24 14:33	1
2-Chlorophenol	ND		120	30	ug/Kg	☼	10/24/24 09:40	10/28/24 14:33	1
2-Methylnaphthalene	ND		47	15	ug/Kg	☼	10/24/24 09:40	10/28/24 14:33	1
2-Methylphenol	ND		230	48	ug/Kg	☼	10/24/24 09:40	10/28/24 14:33	1
2-Nitroaniline	ND		230	44	ug/Kg	☼	10/24/24 09:40	10/28/24 14:33	1
2-Nitrophenol	ND		120	41	ug/Kg	☼	10/24/24 09:40	10/28/24 14:33	1
3,3'-Dichlorobenzidine	ND		170	110	ug/Kg	☼	10/24/24 09:40	10/28/24 14:33	1
3-Nitroaniline	ND		230	41	ug/Kg	☼	10/24/24 09:40	10/28/24 14:33	1
4,6-Dinitro-2-methylphenol	ND		380	120	ug/Kg	☼	10/24/24 09:40	10/28/24 14:33	1
4-Bromophenyl phenyl ether	ND		120	37	ug/Kg	☼	10/24/24 09:40	10/28/24 14:33	1
4-Chloro-3-methylphenol	ND		170	44	ug/Kg	☼	10/24/24 09:40	10/28/24 14:33	1
4-Chloroaniline	ND		170	19	ug/Kg	☼	10/24/24 09:40	10/28/24 14:33	1
4-Chlorophenyl phenyl ether	ND		120	33	ug/Kg	☼	10/24/24 09:40	10/28/24 14:33	1
4-Nitroaniline	ND		230	30	ug/Kg	☼	10/24/24 09:40	10/28/24 14:33	1
4-Nitrophenol	ND		380	100	ug/Kg	☼	10/24/24 09:40	10/28/24 14:33	1
Acenaphthene	ND		47	16	ug/Kg	☼	10/24/24 09:40	10/28/24 14:33	1
Acenaphthylene	ND		47	17	ug/Kg	☼	10/24/24 09:40	10/28/24 14:33	1
Acetophenone	ND		120	29	ug/Kg	☼	10/24/24 09:40	10/28/24 14:33	1
Anthracene	ND		47	14	ug/Kg	☼	10/24/24 09:40	10/28/24 14:33	1
Atrazine	ND		380	80	ug/Kg	☼	10/24/24 09:40	10/28/24 14:33	1
Benzaldehyde	ND		380	65	ug/Kg	☼	10/24/24 09:40	10/28/24 14:33	1
Benzo[a]anthracene	ND		47	17	ug/Kg	☼	10/24/24 09:40	10/28/24 14:33	1
Benzo[a]pyrene	ND		47	16	ug/Kg	☼	10/24/24 09:40	10/28/24 14:33	1
Benzo[b]fluoranthene	ND		47	14	ug/Kg	☼	10/24/24 09:40	10/28/24 14:33	1
Benzo[g,h,i]perylene	ND		47	31	ug/Kg	☼	10/24/24 09:40	10/28/24 14:33	1
Benzo[k]fluoranthene	ND		47	12	ug/Kg	☼	10/24/24 09:40	10/28/24 14:33	1
Bis(2-chloroethoxy)methane	ND		120	23	ug/Kg	☼	10/24/24 09:40	10/28/24 14:33	1
Bis(2-chloroethyl)ether	ND		120	26	ug/Kg	☼	10/24/24 09:40	10/28/24 14:33	1
Bis(2-ethylhexyl) phthalate	**97**	**J**	170	65	ug/Kg	☼	10/24/24 09:40	10/28/24 14:33	1
Butyl benzyl phthalate	ND		170	59	ug/Kg	☼	10/24/24 09:40	10/28/24 14:33	1
Caprolactam	ND		380	80	ug/Kg	☼	10/24/24 09:40	10/28/24 14:33	1
Carbazole	ND		120	31	ug/Kg	☼	10/24/24 09:40	10/28/24 14:33	1
Chrysene	ND		47	16	ug/Kg	☼	10/24/24 09:40	10/28/24 14:33	1
Dibenz(a,h)anthracene	ND		47	17	ug/Kg	☼	10/24/24 09:40	10/28/24 14:33	1

Client Sample ID: SB-14-18-20
Date Collected: 10/21/24 13:33
Date Received: 10/22/24 16:10

Lab Sample ID: 240-213548-2
Matrix: Solid
Percent Solids: 87.5

Method: SW846 8270E - Semivolatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Dibenzofuran	ND		120	34	ug/Kg	☼	10/24/24 09:40	10/28/24 14:33	1
Diethyl phthalate	ND		170	50	ug/Kg	☼	10/24/24 09:40	10/28/24 14:33	1
Dimethyl phthalate	ND		170	47	ug/Kg	☼	10/24/24 09:40	10/28/24 14:33	1
Di-n-butyl phthalate	ND		170	59	ug/Kg	☼	10/24/24 09:40	10/28/24 14:33	1
Di-n-octyl phthalate	ND		170	58	ug/Kg	☼	10/24/24 09:40	10/28/24 14:33	1
Fluoranthene	ND		47	16	ug/Kg	☼	10/24/24 09:40	10/28/24 14:33	1
Fluorene	ND		47	16	ug/Kg	☼	10/24/24 09:40	10/28/24 14:33	1
Hexachlorobenzene	ND		47	16	ug/Kg	☼	10/24/24 09:40	10/28/24 14:33	1
Hexachlorobutadiene	ND		120	24	ug/Kg	☼	10/24/24 09:40	10/28/24 14:33	1
Hexachlorocyclopentadiene	ND		380	45	ug/Kg	☼	10/24/24 09:40	10/28/24 14:33	1
Hexachloroethane	ND		120	37	ug/Kg	☼	10/24/24 09:40	10/28/24 14:33	1
Indeno[1,2,3-cd]pyrene	ND		47	14	ug/Kg	☼	10/24/24 09:40	10/28/24 14:33	1
Isophorone	ND		120	30	ug/Kg	☼	10/24/24 09:40	10/28/24 14:33	1
N-Nitrosodi-n-propylamine	ND		120	43	ug/Kg	☼	10/24/24 09:40	10/28/24 14:33	1
N-Nitrosodiphenylamine	ND		120	31	ug/Kg	☼	10/24/24 09:40	10/28/24 14:33	1
Naphthalene	ND		47	15	ug/Kg	☼	10/24/24 09:40	10/28/24 14:33	1
Nitrobenzene	ND		120	26	ug/Kg	☼	10/24/24 09:40	10/28/24 14:33	1
Pentachlorophenol	ND		310	120	ug/Kg	☼	10/24/24 09:40	10/28/24 14:33	1
Phenanthrene	ND		47	15	ug/Kg	☼	10/24/24 09:40	10/28/24 14:33	1
Phenol	ND		120	44	ug/Kg	☼	10/24/24 09:40	10/28/24 14:33	1
Pyrene	ND		47	19	ug/Kg	☼	10/24/24 09:40	10/28/24 14:33	1
3 & 4 Methylphenol	ND		470	48	ug/Kg	☼	10/24/24 09:40	10/28/24 14:33	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Terphenyl-d14 (Surr)	*68*		*37 - 120*	*10/24/24 09:40*	*10/28/24 14:33*	*1*
Phenol-d5 (Surr)	*60*		*29 - 120*	*10/24/24 09:40*	*10/28/24 14:33*	*1*
Nitrobenzene-d5 (Surr)	*51*		*28 - 120*	*10/24/24 09:40*	*10/28/24 14:33*	*1*
2-Fluorophenol (Surr)	*60*		*26 - 120*	*10/24/24 09:40*	*10/28/24 14:33*	*1*
2-Fluorobiphenyl (Surr)	*57*		*36 - 120*	*10/24/24 09:40*	*10/28/24 14:33*	*1*
2,4,6-Tribromophenol (Surr)	*44*		*10 - 120*	*10/24/24 09:40*	*10/28/24 14:33*	*1*

Method: SW846 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aroclor-1016	ND		57	28	ug/Kg	☼	10/25/24 10:51	10/28/24 10:17	1
Aroclor-1221	ND		57	34	ug/Kg	☼	10/25/24 10:51	10/28/24 10:17	1
Aroclor-1232	ND		57	24	ug/Kg	☼	10/25/24 10:51	10/28/24 10:17	1
Aroclor-1242	ND		57	21	ug/Kg	☼	10/25/24 10:51	10/28/24 10:17	1
Aroclor-1248	ND		57	19	ug/Kg	☼	10/25/24 10:51	10/28/24 10:17	1
Aroclor-1254	ND		57	24	ug/Kg	☼	10/25/24 10:51	10/28/24 10:17	1
Aroclor-1260	ND		57	24	ug/Kg	☼	10/25/24 10:51	10/28/24 10:17	1
Aroclor-1262	ND		57	25	ug/Kg	☼	10/25/24 10:51	10/28/24 10:17	1
Aroclor-1268	ND		57	18	ug/Kg	☼	10/25/24 10:51	10/28/24 10:17	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Tetrachloro-m-xylene	*81*		*10 - 149*	*10/25/24 10:51*	*10/28/24 10:17*	*1*
DCB Decachlorobiphenyl	*85*		*10 - 174*	*10/25/24 10:51*	*10/28/24 10:17*	*1*

Method: SW846 6010D - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	**11**		1.5	0.33	mg/Kg	☼	10/24/24 15:00	10/26/24 02:46	1

Client: August Mack Environmental, Inc.
Project/Site: MSC Canfield - Soil/Surface Water

Job ID: 240-213548-1

Client Sample ID: SB-14-18-20
Date Collected: 10/21/24 13:33
Date Received: 10/22/24 16:10

Lab Sample ID: 240-213548-2
Matrix: Solid
Percent Solids: 87.5

Method: SW846 6010D - Metals (ICP) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Barium	19	J	21	0.13	mg/Kg	☼	10/24/24 15:00	10/26/24 02:46	1
Cadmium	0.090	J	0.51	0.049	mg/Kg	☼	10/24/24 15:00	10/26/24 02:46	1
Chromium	12		1.0	0.35	mg/Kg	☼	10/24/24 15:00	10/26/24 02:46	1
Copper	18		2.6	0.72	mg/Kg	☼	10/24/24 15:00	10/26/24 02:46	1
Lead	10		1.0	0.29	mg/Kg	☼	10/24/24 15:00	10/26/24 02:46	1
Selenium	ND		2.1	0.48	mg/Kg	☼	10/24/24 15:00	10/26/24 02:46	1
Silver	ND		1.0	0.083	mg/Kg	☼	10/24/24 15:00	10/26/24 02:46	1
Zinc	64		5.1	3.7	mg/Kg	☼	10/24/24 15:00	10/26/24 02:46	1

Method: SW846 7471B - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	ND		0.11	0.020	mg/Kg	☼	10/24/24 15:00	10/25/24 09:41	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cr (VI) (SW846 7196A)	ND		0.47	0.16	mg/Kg	☼	11/04/24 11:49	11/05/24 18:28	1
Cyanide, Total (SW846 9012B)	ND		0.65	0.52	mg/Kg	☼	11/01/24 10:13	11/01/24 13:12	1

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Solids (EPA Moisture)	87.5		0.1	0.1	%			10/23/24 15:51	1
Percent Moisture (EPA Moisture)	12.5		0.1	0.1	%			10/23/24 15:51	1

General Chemistry - ASTM Leach

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cyanide, Free (OI CORP OIA-1677)	ND		0.0060	0.0050	mg/L			11/08/24 14:59	1

Client: August Mack Environmental, Inc.
Project/Site: MSC Canfield - Soil/Surface Water

Job ID: 240-213548-1

Client Sample ID: SB-12-14-16
Date Collected: 10/21/24 15:56
Date Received: 10/22/24 16:10

Lab Sample ID: 240-213548-3
Matrix: Solid
Percent Solids: 87.1

Method: SW846 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		5.4	1.9	ug/Kg	☼	10/25/24 11:33	10/25/24 19:42	1
1,1,2,2-Tetrachloroethane	ND		5.4	1.6	ug/Kg	☼	10/25/24 11:33	10/25/24 19:42	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		5.4	1.4	ug/Kg	☼	10/25/24 11:33	10/25/24 19:42	1
1,1,2-Trichloroethane	ND		5.4	1.2	ug/Kg	☼	10/25/24 11:33	10/25/24 19:42	1
1,1-Dichloroethane	ND		5.4	1.5	ug/Kg	☼	10/25/24 11:33	10/25/24 19:42	1
1,1-Dichloroethene	ND		5.4	2.0	ug/Kg	☼	10/25/24 11:33	10/25/24 19:42	1
1,2,4-Trichlorobenzene	ND		5.4	2.7	ug/Kg	☼	10/25/24 11:33	10/25/24 19:42	1
1,2-Dibromo-3-Chloropropane	ND		11	3.9	ug/Kg	☼	10/25/24 11:33	10/25/24 19:42	1
Ethylene Dibromide	ND		5.4	1.8	ug/Kg	☼	10/25/24 11:33	10/25/24 19:42	1
1,2-Dichlorobenzene	ND		5.4	1.2	ug/Kg	☼	10/25/24 11:33	10/25/24 19:42	1
1,2-Dichloroethane	ND		5.4	2.0	ug/Kg	☼	10/25/24 11:33	10/25/24 19:42	1
1,2-Dichloropropane	ND		5.4	0.92	ug/Kg	☼	10/25/24 11:33	10/25/24 19:42	1
1,3-Dichlorobenzene	ND		5.4	1.8	ug/Kg	☼	10/25/24 11:33	10/25/24 19:42	1
1,4-Dichlorobenzene	ND		5.4	0.96	ug/Kg	☼	10/25/24 11:33	10/25/24 19:42	1
2-Butanone (MEK)	**4.1**	**J**	22	3.9	ug/Kg	☼	10/25/24 11:33	10/25/24 19:42	1
2-Hexanone	ND		22	4.4	ug/Kg	☼	10/25/24 11:33	10/25/24 19:42	1
4-Methyl-2-pentanone (MIBK)	ND		22	4.0	ug/Kg	☼	10/25/24 11:33	10/25/24 19:42	1
Acetone	ND		27	23	ug/Kg	☼	10/25/24 11:33	10/25/24 19:42	1
Benzene	ND		5.4	1.6	ug/Kg	☼	10/25/24 11:33	10/25/24 19:42	1
Dichlorobromomethane	ND		5.4	1.6	ug/Kg	☼	10/25/24 11:33	10/25/24 19:42	1
Bromoform	ND		5.4	2.6	ug/Kg	☼	10/25/24 11:33	10/25/24 19:42	1
Bromomethane	ND		5.4	4.5	ug/Kg	☼	10/25/24 11:33	10/25/24 19:42	1
Carbon disulfide	ND		5.4	1.3	ug/Kg	☼	10/25/24 11:33	10/25/24 19:42	1
Carbon tetrachloride	ND		5.4	3.5	ug/Kg	☼	10/25/24 11:33	10/25/24 19:42	1
Chlorobenzene	ND		5.4	0.99	ug/Kg	☼	10/25/24 11:33	10/25/24 19:42	1
Chloroethane	ND		5.4	3.0	ug/Kg	☼	10/25/24 11:33	10/25/24 19:42	1
Chloroform	ND		5.4	1.9	ug/Kg	☼	10/25/24 11:33	10/25/24 19:42	1
Chloromethane	ND		5.4	2.5	ug/Kg	☼	10/25/24 11:33	10/25/24 19:42	1
cis-1,2-Dichloroethene	ND		5.4	1.6	ug/Kg	☼	10/25/24 11:33	10/25/24 19:42	1
cis-1,3-Dichloropropene	ND		5.4	3.1	ug/Kg	☼	10/25/24 11:33	10/25/24 19:42	1
Cyclohexane	ND		11	1.5	ug/Kg	☼	10/25/24 11:33	10/25/24 19:42	1
Chlorodibromomethane	ND		5.4	3.0	ug/Kg	☼	10/25/24 11:33	10/25/24 19:42	1
Dichlorodifluoromethane	ND		5.4	2.5	ug/Kg	☼	10/25/24 11:33	10/25/24 19:42	1
Ethylbenzene	ND		5.4	1.1	ug/Kg	☼	10/25/24 11:33	10/25/24 19:42	1
Isopropylbenzene	ND		5.4	2.1	ug/Kg	☼	10/25/24 11:33	10/25/24 19:42	1
Methyl acetate	ND		27	3.7	ug/Kg	☼	10/25/24 11:33	10/25/24 19:42	1
Methyl tert-butyl ether	ND		5.4	2.1	ug/Kg	☼	10/25/24 11:33	10/25/24 19:42	1
Methylcyclohexane	ND		11	1.3	ug/Kg	☼	10/25/24 11:33	10/25/24 19:42	1
Methylene Chloride	ND	*+	27	13	ug/Kg	☼	10/25/24 11:33	10/25/24 19:42	1
Styrene	ND		5.4	1.3	ug/Kg	☼	10/25/24 11:33	10/25/24 19:42	1
Tetrachloroethene	ND		5.4	2.1	ug/Kg	☼	10/25/24 11:33	10/25/24 19:42	1
Toluene	ND		5.4	0.84	ug/Kg	☼	10/25/24 11:33	10/25/24 19:42	1
trans-1,2-Dichloroethene	ND		5.4	1.5	ug/Kg	☼	10/25/24 11:33	10/25/24 19:42	1
trans-1,3-Dichloropropene	ND		5.4	2.0	ug/Kg	☼	10/25/24 11:33	10/25/24 19:42	1
Trichloroethene	ND		5.4	1.6	ug/Kg	☼	10/25/24 11:33	10/25/24 19:42	1
Trichlorofluoromethane	ND		5.4	2.9	ug/Kg	☼	10/25/24 11:33	10/25/24 19:42	1
Vinyl chloride	ND		5.4	1.9	ug/Kg	☼	10/25/24 11:33	10/25/24 19:42	1
Xylenes, Total	ND		11	1.7	ug/Kg	☼	10/25/24 11:33	10/25/24 19:42	1

Client Sample ID: SB-12-14-16
Date Collected: 10/21/24 15:56
Date Received: 10/22/24 16:10

Lab Sample ID: 240-213548-3
Matrix: Solid
Percent Solids: 87.1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Toluene-d8 (Surr)	*102*		*56 - 125*	*10/25/24 11:33*	*10/25/24 19:42*	*1*
Dibromofluoromethane (Surr)	*99*		*41 - 138*	*10/25/24 11:33*	*10/25/24 19:42*	*1*
4-Bromofluorobenzene (Surr)	*93*		*41 - 143*	*10/25/24 11:33*	*10/25/24 19:42*	*1*
1,2-Dichloroethane-d4 (Surr)	*99*		*58 - 125*	*10/25/24 11:33*	*10/25/24 19:42*	*1*

Method: SW846 8270E - Semivolatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1'-Biphenyl	ND		110	32	ug/Kg	☼	10/24/24 09:40	10/28/24 14:57	1
bis (2-chloroisopropyl) ether	ND		110	30	ug/Kg	☼	10/24/24 09:40	10/28/24 14:57	1
2,4,5-Trichlorophenol	ND		170	37	ug/Kg	☼	10/24/24 09:40	10/28/24 14:57	1
2,4,6-Trichlorophenol	ND		170	33	ug/Kg	☼	10/24/24 09:40	10/28/24 14:57	1
2,4-Dichlorophenol	ND		170	31	ug/Kg	☼	10/24/24 09:40	10/28/24 14:57	1
2,4-Dimethylphenol	ND		170	41	ug/Kg	☼	10/24/24 09:40	10/28/24 14:57	1
2,4-Dinitrophenol	ND		370	190	ug/Kg	☼	10/24/24 09:40	10/28/24 14:57	1
2,4-Dinitrotoluene	ND		230	26	ug/Kg	☼	10/24/24 09:40	10/28/24 14:57	1
2,6-Dinitrotoluene	ND		230	41	ug/Kg	☼	10/24/24 09:40	10/28/24 14:57	1
2-Chloronaphthalene	ND		110	32	ug/Kg	☼	10/24/24 09:40	10/28/24 14:57	1
2-Chlorophenol	ND		110	30	ug/Kg	☼	10/24/24 09:40	10/28/24 14:57	1
2-Methylnaphthalene	ND		45	15	ug/Kg	☼	10/24/24 09:40	10/28/24 14:57	1
2-Methylphenol	ND		230	47	ug/Kg	☼	10/24/24 09:40	10/28/24 14:57	1
2-Nitroaniline	ND		230	43	ug/Kg	☼	10/24/24 09:40	10/28/24 14:57	1
2-Nitrophenol	ND		110	40	ug/Kg	☼	10/24/24 09:40	10/28/24 14:57	1
3,3'-Dichlorobenzidine	ND		170	110	ug/Kg	☼	10/24/24 09:40	10/28/24 14:57	1
3-Nitroaniline	ND		230	40	ug/Kg	☼	10/24/24 09:40	10/28/24 14:57	1
4,6-Dinitro-2-methylphenol	ND		370	120	ug/Kg	☼	10/24/24 09:40	10/28/24 14:57	1
4-Bromophenyl phenyl ether	ND		110	36	ug/Kg	☼	10/24/24 09:40	10/28/24 14:57	1
4-Chloro-3-methylphenol	ND		170	43	ug/Kg	☼	10/24/24 09:40	10/28/24 14:57	1
4-Chloroaniline	ND		170	18	ug/Kg	☼	10/24/24 09:40	10/28/24 14:57	1
4-Chlorophenyl phenyl ether	ND		110	32	ug/Kg	☼	10/24/24 09:40	10/28/24 14:57	1
4-Nitroaniline	ND		230	30	ug/Kg	☼	10/24/24 09:40	10/28/24 14:57	1
4-Nitrophenol	ND		370	100	ug/Kg	☼	10/24/24 09:40	10/28/24 14:57	1
Acenaphthene	ND		45	16	ug/Kg	☼	10/24/24 09:40	10/28/24 14:57	1
Acenaphthylene	ND		45	17	ug/Kg	☼	10/24/24 09:40	10/28/24 14:57	1
Acetophenone	ND		110	28	ug/Kg	☼	10/24/24 09:40	10/28/24 14:57	1
Anthracene	ND		45	14	ug/Kg	☼	10/24/24 09:40	10/28/24 14:57	1
Atrazine	ND		370	78	ug/Kg	☼	10/24/24 09:40	10/28/24 14:57	1
Benzaldehyde	ND		370	64	ug/Kg	☼	10/24/24 09:40	10/28/24 14:57	1
Benzo[a]anthracene	ND		45	17	ug/Kg	☼	10/24/24 09:40	10/28/24 14:57	1
Benzo[a]pyrene	ND		45	16	ug/Kg	☼	10/24/24 09:40	10/28/24 14:57	1
Benzo[b]fluoranthene	ND		45	14	ug/Kg	☼	10/24/24 09:40	10/28/24 14:57	1
Benzo[g,h,i]perylene	ND		45	31	ug/Kg	☼	10/24/24 09:40	10/28/24 14:57	1
Benzo[k]fluoranthene	ND		45	11	ug/Kg	☼	10/24/24 09:40	10/28/24 14:57	1
Bis(2-chloroethoxy)methane	ND		110	23	ug/Kg	☼	10/24/24 09:40	10/28/24 14:57	1
Bis(2-chloroethyl)ether	ND		110	25	ug/Kg	☼	10/24/24 09:40	10/28/24 14:57	1
Bis(2-ethylhexyl) phthalate	**88**	**J**	170	64	ug/Kg	☼	10/24/24 09:40	10/28/24 14:57	1
Butyl benzyl phthalate	ND		170	58	ug/Kg	☼	10/24/24 09:40	10/28/24 14:57	1
Caprolactam	ND		370	78	ug/Kg	☼	10/24/24 09:40	10/28/24 14:57	1
Carbazole	ND		110	31	ug/Kg	☼	10/24/24 09:40	10/28/24 14:57	1
Chrysene	ND		45	16	ug/Kg	☼	10/24/24 09:40	10/28/24 14:57	1
Dibenz(a,h)anthracene	ND		45	17	ug/Kg	☼	10/24/24 09:40	10/28/24 14:57	1

Client Sample ID: SB-12-14-16
Lab Sample ID: 240-213548-3
Date Collected: 10/21/24 15:56
Matrix: Solid
Date Received: 10/22/24 16:10
Percent Solids: 87.1

Method: SW846 8270E - Semivolatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Dibenzofuran	ND		110	33	ug/Kg	☼	10/24/24 09:40	10/28/24 14:57	1
Diethyl phthalate	ND		170	49	ug/Kg	☼	10/24/24 09:40	10/28/24 14:57	1
Dimethyl phthalate	ND		170	45	ug/Kg	☼	10/24/24 09:40	10/28/24 14:57	1
Di-n-butyl phthalate	ND		170	58	ug/Kg	☼	10/24/24 09:40	10/28/24 14:57	1
Di-n-octyl phthalate	ND		170	57	ug/Kg	☼	10/24/24 09:40	10/28/24 14:57	1
Fluoranthene	ND		45	16	ug/Kg	☼	10/24/24 09:40	10/28/24 14:57	1
Fluorene	ND		45	16	ug/Kg	☼	10/24/24 09:40	10/28/24 14:57	1
Hexachlorobenzene	ND		45	16	ug/Kg	☼	10/24/24 09:40	10/28/24 14:57	1
Hexachlorobutadiene	ND		110	24	ug/Kg	☼	10/24/24 09:40	10/28/24 14:57	1
Hexachlorocyclopentadiene	ND		370	44	ug/Kg	☼	10/24/24 09:40	10/28/24 14:57	1
Hexachloroethane	ND		110	36	ug/Kg	☼	10/24/24 09:40	10/28/24 14:57	1
Indeno[1,2,3-cd]pyrene	ND		45	14	ug/Kg	☼	10/24/24 09:40	10/28/24 14:57	1
Isophorone	ND		110	30	ug/Kg	☼	10/24/24 09:40	10/28/24 14:57	1
N-Nitrosodi-n-propylamine	ND		110	42	ug/Kg	☼	10/24/24 09:40	10/28/24 14:57	1
N-Nitrosodiphenylamine	ND		110	31	ug/Kg	☼	10/24/24 09:40	10/28/24 14:57	1
Naphthalene	ND		45	15	ug/Kg	☼	10/24/24 09:40	10/28/24 14:57	1
Nitrobenzene	ND		110	25	ug/Kg	☼	10/24/24 09:40	10/28/24 14:57	1
Pentachlorophenol	ND		310	120	ug/Kg	☼	10/24/24 09:40	10/28/24 14:57	1
Phenanthrene	ND		45	15	ug/Kg	☼	10/24/24 09:40	10/28/24 14:57	1
Phenol	ND		110	43	ug/Kg	☼	10/24/24 09:40	10/28/24 14:57	1
Pyrene	ND		45	18	ug/Kg	☼	10/24/24 09:40	10/28/24 14:57	1
3 & 4 Methylphenol	ND		450	47	ug/Kg	☼	10/24/24 09:40	10/28/24 14:57	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Terphenyl-d14 (Surr)	*63*		*37 - 120*	*10/24/24 09:40*	*10/28/24 14:57*	*1*
Phenol-d5 (Surr)	*60*		*29 - 120*	*10/24/24 09:40*	*10/28/24 14:57*	*1*
Nitrobenzene-d5 (Surr)	*52*		*28 - 120*	*10/24/24 09:40*	*10/28/24 14:57*	*1*
2-Fluorophenol (Surr)	*60*		*26 - 120*	*10/24/24 09:40*	*10/28/24 14:57*	*1*
2-Fluorobiphenyl (Surr)	*57*		*36 - 120*	*10/24/24 09:40*	*10/28/24 14:57*	*1*
2,4,6-Tribromophenol (Surr)	*30*		*10 - 120*	*10/24/24 09:40*	*10/28/24 14:57*	*1*

Method: SW846 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aroclor-1016	ND		57	28	ug/Kg	☼	10/25/24 10:51	10/28/24 10:33	1
Aroclor-1221	ND		57	34	ug/Kg	☼	10/25/24 10:51	10/28/24 10:33	1
Aroclor-1232	ND		57	24	ug/Kg	☼	10/25/24 10:51	10/28/24 10:33	1
Aroclor-1242	ND		57	22	ug/Kg	☼	10/25/24 10:51	10/28/24 10:33	1
Aroclor-1248	ND		57	19	ug/Kg	☼	10/25/24 10:51	10/28/24 10:33	1
Aroclor-1254	ND		57	24	ug/Kg	☼	10/25/24 10:51	10/28/24 10:33	1
Aroclor-1260	ND		57	24	ug/Kg	☼	10/25/24 10:51	10/28/24 10:33	1
Aroclor-1262	ND		57	25	ug/Kg	☼	10/25/24 10:51	10/28/24 10:33	1
Aroclor-1268	ND		57	18	ug/Kg	☼	10/25/24 10:51	10/28/24 10:33	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Tetrachloro-m-xylene	*79*		*10 - 149*	*10/25/24 10:51*	*10/28/24 10:33*	*1*
DCB Decachlorobiphenyl	*85*		*10 - 174*	*10/25/24 10:51*	*10/28/24 10:33*	*1*

Method: SW846 6010D - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	**14**		1.4	0.29	mg/Kg	☼	10/24/24 15:00	10/26/24 02:51	1

Client: August Mack Environmental, Inc.
Project/Site: MSC Canfield - Soil/Surface Water

Job ID: 240-213548-1

Client Sample ID: SB-12-14-16
Date Collected: 10/21/24 15:56
Date Received: 10/22/24 16:10

Lab Sample ID: 240-213548-3
Matrix: Solid
Percent Solids: 87.1

Method: SW846 6010D - Metals (ICP) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Barium	56		18	0.12	mg/Kg	☼	10/24/24 15:00	10/26/24 02:51	1
Cadmium	0.057	J	0.46	0.044	mg/Kg	☼	10/24/24 15:00	10/26/24 02:51	1
Chromium	15		0.92	0.32	mg/Kg	☼	10/24/24 15:00	10/26/24 02:51	1
Copper	18		2.3	0.64	mg/Kg	☼	10/24/24 15:00	10/26/24 02:51	1
Lead	10		0.92	0.26	mg/Kg	☼	10/24/24 15:00	10/26/24 02:51	1
Selenium	ND		1.8	0.43	mg/Kg	☼	10/24/24 15:00	10/26/24 02:51	1
Silver	ND		0.92	0.074	mg/Kg	☼	10/24/24 15:00	10/26/24 02:51	1
Zinc	69		4.6	3.3	mg/Kg	☼	10/24/24 15:00	10/26/24 02:51	1

Method: SW846 7471B - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	ND		0.13	0.023	mg/Kg	☼	10/24/24 15:00	10/25/24 09:42	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cr (VI) (SW846 7196A)	ND		0.47	0.16	mg/Kg	☼	11/04/24 11:49	11/05/24 18:28	1
Cyanide, Total (SW846 9012B)	ND		0.51	0.41	mg/Kg	☼	11/01/24 15:14	11/01/24 17:28	1

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Solids (EPA Moisture)	87.1		0.1	0.1	%			10/23/24 15:51	1
Percent Moisture (EPA Moisture)	12.9		0.1	0.1	%			10/23/24 15:51	1

General Chemistry - ASTM Leach

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cyanide, Free (OI CORP OIA-1677)	ND		0.0060	0.0050	mg/L			11/06/24 13:07	1

Client: August Mack Environmental, Inc.
Project/Site: MSC Canfield - Soil/Surface Water

Job ID: 240-213548-1

Client Sample ID: SB-DUP-4
Date Collected: 10/21/24 00:00
Date Received: 10/22/24 16:10

Lab Sample ID: 240-213548-4
Matrix: Solid
Percent Solids: 86.2

Method: SW846 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		5.7	2.0	ug/Kg	☼	10/25/24 11:33	10/25/24 20:04	1
1,1,2,2-Tetrachloroethane	ND		5.7	1.6	ug/Kg	☼	10/25/24 11:33	10/25/24 20:04	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		5.7	1.4	ug/Kg	☼	10/25/24 11:33	10/25/24 20:04	1
1,1,2-Trichloroethane	ND		5.7	1.3	ug/Kg	☼	10/25/24 11:33	10/25/24 20:04	1
1,1-Dichloroethane	ND		5.7	1.6	ug/Kg	☼	10/25/24 11:33	10/25/24 20:04	1
1,1-Dichloroethene	ND		5.7	2.1	ug/Kg	☼	10/25/24 11:33	10/25/24 20:04	1
1,2,4-Trichlorobenzene	ND		5.7	2.8	ug/Kg	☼	10/25/24 11:33	10/25/24 20:04	1
1,2-Dibromo-3-Chloropropane	ND		11	4.1	ug/Kg	☼	10/25/24 11:33	10/25/24 20:04	1
Ethylene Dibromide	ND		5.7	1.9	ug/Kg	☼	10/25/24 11:33	10/25/24 20:04	1
1,2-Dichlorobenzene	ND		5.7	1.3	ug/Kg	☼	10/25/24 11:33	10/25/24 20:04	1
1,2-Dichloroethane	ND		5.7	2.0	ug/Kg	☼	10/25/24 11:33	10/25/24 20:04	1
1,2-Dichloropropane	ND		5.7	0.96	ug/Kg	☼	10/25/24 11:33	10/25/24 20:04	1
1,3-Dichlorobenzene	ND		5.7	1.9	ug/Kg	☼	10/25/24 11:33	10/25/24 20:04	1
1,4-Dichlorobenzene	ND		5.7	1.0	ug/Kg	☼	10/25/24 11:33	10/25/24 20:04	1
2-Butanone (MEK)	**20**	**J**	23	4.0	ug/Kg	☼	10/25/24 11:33	10/25/24 20:04	1
2-Hexanone	ND		23	4.6	ug/Kg	☼	10/25/24 11:33	10/25/24 20:04	1
4-Methyl-2-pentanone (MIBK)	ND		23	4.2	ug/Kg	☼	10/25/24 11:33	10/25/24 20:04	1
Acetone	**180**		28	24	ug/Kg	☼	10/25/24 11:33	10/25/24 20:04	1
Benzene	ND		5.7	1.7	ug/Kg	☼	10/25/24 11:33	10/25/24 20:04	1
Dichlorobromomethane	ND		5.7	1.7	ug/Kg	☼	10/25/24 11:33	10/25/24 20:04	1
Bromoform	ND		5.7	2.7	ug/Kg	☼	10/25/24 11:33	10/25/24 20:04	1
Bromomethane	ND		5.7	4.7	ug/Kg	☼	10/25/24 11:33	10/25/24 20:04	1
Carbon disulfide	**3.3**	**J**	5.7	1.3	ug/Kg	☼	10/25/24 11:33	10/25/24 20:04	1
Carbon tetrachloride	ND		5.7	3.7	ug/Kg	☼	10/25/24 11:33	10/25/24 20:04	1
Chlorobenzene	ND		5.7	1.0	ug/Kg	☼	10/25/24 11:33	10/25/24 20:04	1
Chloroethane	ND		5.7	3.1	ug/Kg	☼	10/25/24 11:33	10/25/24 20:04	1
Chloroform	ND		5.7	2.0	ug/Kg	☼	10/25/24 11:33	10/25/24 20:04	1
Chloromethane	ND		5.7	2.6	ug/Kg	☼	10/25/24 11:33	10/25/24 20:04	1
cis-1,2-Dichloroethene	ND		5.7	1.7	ug/Kg	☼	10/25/24 11:33	10/25/24 20:04	1
cis-1,3-Dichloropropene	ND		5.7	3.3	ug/Kg	☼	10/25/24 11:33	10/25/24 20:04	1
Cyclohexane	ND		11	1.6	ug/Kg	☼	10/25/24 11:33	10/25/24 20:04	1
Chlorodibromomethane	ND		5.7	3.1	ug/Kg	☼	10/25/24 11:33	10/25/24 20:04	1
Dichlorodifluoromethane	ND		5.7	2.6	ug/Kg	☼	10/25/24 11:33	10/25/24 20:04	1
Ethylbenzene	ND		5.7	1.2	ug/Kg	☼	10/25/24 11:33	10/25/24 20:04	1
Isopropylbenzene	ND		5.7	2.2	ug/Kg	☼	10/25/24 11:33	10/25/24 20:04	1
Methyl acetate	ND		28	3.8	ug/Kg	☼	10/25/24 11:33	10/25/24 20:04	1
Methyl tert-butyl ether	ND		5.7	2.2	ug/Kg	☼	10/25/24 11:33	10/25/24 20:04	1
Methylcyclohexane	ND		11	1.4	ug/Kg	☼	10/25/24 11:33	10/25/24 20:04	1
Methylene Chloride	ND	*+	28	14	ug/Kg	☼	10/25/24 11:33	10/25/24 20:04	1
Styrene	ND		5.7	1.3	ug/Kg	☼	10/25/24 11:33	10/25/24 20:04	1
Tetrachloroethene	ND		5.7	2.2	ug/Kg	☼	10/25/24 11:33	10/25/24 20:04	1
Toluene	ND		5.7	0.87	ug/Kg	☼	10/25/24 11:33	10/25/24 20:04	1
trans-1,2-Dichloroethene	ND		5.7	1.6	ug/Kg	☼	10/25/24 11:33	10/25/24 20:04	1
trans-1,3-Dichloropropene	ND		5.7	2.1	ug/Kg	☼	10/25/24 11:33	10/25/24 20:04	1
Trichloroethene	ND		5.7	1.6	ug/Kg	☼	10/25/24 11:33	10/25/24 20:04	1
Trichlorofluoromethane	ND		5.7	3.0	ug/Kg	☼	10/25/24 11:33	10/25/24 20:04	1
Vinyl chloride	ND		5.7	2.0	ug/Kg	☼	10/25/24 11:33	10/25/24 20:04	1
Xylenes, Total	ND		11	1.8	ug/Kg	☼	10/25/24 11:33	10/25/24 20:04	1

Client: August Mack Environmental, Inc.
Project/Site: MSC Canfield - Soil/Surface Water

Job ID: 240-213548-1

Client Sample ID: SB-DUP-4
Date Collected: 10/21/24 00:00
Date Received: 10/22/24 16:10

Lab Sample ID: 240-213548-4
Matrix: Solid
Percent Solids: 86.2

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Toluene-d8 (Surr)	*104*		*56 - 125*	*10/25/24 11:33*	*10/25/24 20:04*	*1*
Dibromofluoromethane (Surr)	*102*		*41 - 138*	*10/25/24 11:33*	*10/25/24 20:04*	*1*
4-Bromofluorobenzene (Surr)	*95*		*41 - 143*	*10/25/24 11:33*	*10/25/24 20:04*	*1*
1,2-Dichloroethane-d4 (Surr)	*101*		*58 - 125*	*10/25/24 11:33*	*10/25/24 20:04*	*1*

Method: SW846 8270E - Semivolatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1'-Biphenyl	ND		110	32	ug/Kg	☼	10/24/24 09:40	10/28/24 15:45	1
bis (2-chloroisopropyl) ether	ND		110	30	ug/Kg	☼	10/24/24 09:40	10/28/24 15:45	1
2,4,5-Trichlorophenol	ND		170	38	ug/Kg	☼	10/24/24 09:40	10/28/24 15:45	1
2,4,6-Trichlorophenol	ND		170	33	ug/Kg	☼	10/24/24 09:40	10/28/24 15:45	1
2,4-Dichlorophenol	ND		170	31	ug/Kg	☼	10/24/24 09:40	10/28/24 15:45	1
2,4-Dimethylphenol	ND		170	41	ug/Kg	☼	10/24/24 09:40	10/28/24 15:45	1
2,4-Dinitrophenol	ND		380	190	ug/Kg	☼	10/24/24 09:40	10/28/24 15:45	1
2,4-Dinitrotoluene	ND		230	26	ug/Kg	☼	10/24/24 09:40	10/28/24 15:45	1
2,6-Dinitrotoluene	ND		230	41	ug/Kg	☼	10/24/24 09:40	10/28/24 15:45	1
2-Chloronaphthalene	ND		110	32	ug/Kg	☼	10/24/24 09:40	10/28/24 15:45	1
2-Chlorophenol	ND		110	30	ug/Kg	☼	10/24/24 09:40	10/28/24 15:45	1
2-Methylnaphthalene	ND		46	15	ug/Kg	☼	10/24/24 09:40	10/28/24 15:45	1
2-Methylphenol	ND		230	47	ug/Kg	☼	10/24/24 09:40	10/28/24 15:45	1
2-Nitroaniline	ND		230	43	ug/Kg	☼	10/24/24 09:40	10/28/24 15:45	1
2-Nitrophenol	ND		110	40	ug/Kg	☼	10/24/24 09:40	10/28/24 15:45	1
3,3'-Dichlorobenzidine	ND		170	110	ug/Kg	☼	10/24/24 09:40	10/28/24 15:45	1
3-Nitroaniline	ND		230	40	ug/Kg	☼	10/24/24 09:40	10/28/24 15:45	1
4,6-Dinitro-2-methylphenol	ND		380	120	ug/Kg	☼	10/24/24 09:40	10/28/24 15:45	1
4-Bromophenyl phenyl ether	ND		110	36	ug/Kg	☼	10/24/24 09:40	10/28/24 15:45	1
4-Chloro-3-methylphenol	ND		170	43	ug/Kg	☼	10/24/24 09:40	10/28/24 15:45	1
4-Chloroaniline	ND		170	18	ug/Kg	☼	10/24/24 09:40	10/28/24 15:45	1
4-Chlorophenyl phenyl ether	ND		110	32	ug/Kg	☼	10/24/24 09:40	10/28/24 15:45	1
4-Nitroaniline	ND		230	30	ug/Kg	☼	10/24/24 09:40	10/28/24 15:45	1
4-Nitrophenol	ND		380	100	ug/Kg	☼	10/24/24 09:40	10/28/24 15:45	1
Acenaphthene	ND		46	16	ug/Kg	☼	10/24/24 09:40	10/28/24 15:45	1
Acenaphthylene	ND		46	17	ug/Kg	☼	10/24/24 09:40	10/28/24 15:45	1
Acetophenone	ND		110	28	ug/Kg	☼	10/24/24 09:40	10/28/24 15:45	1
Anthracene	ND		46	14	ug/Kg	☼	10/24/24 09:40	10/28/24 15:45	1
Atrazine	ND		380	79	ug/Kg	☼	10/24/24 09:40	10/28/24 15:45	1
Benzaldehyde	ND		380	64	ug/Kg	☼	10/24/24 09:40	10/28/24 15:45	1
Benzo[a]anthracene	ND		46	17	ug/Kg	☼	10/24/24 09:40	10/28/24 15:45	1
Benzo[a]pyrene	ND		46	16	ug/Kg	☼	10/24/24 09:40	10/28/24 15:45	1
Benzo[b]fluoranthene	ND		46	14	ug/Kg	☼	10/24/24 09:40	10/28/24 15:45	1
Benzo[g,h,i]perylene	ND		46	31	ug/Kg	☼	10/24/24 09:40	10/28/24 15:45	1
Benzo[k]fluoranthene	ND		46	11	ug/Kg	☼	10/24/24 09:40	10/28/24 15:45	1
Bis(2-chloroethoxy)methane	ND		110	23	ug/Kg	☼	10/24/24 09:40	10/28/24 15:45	1
Bis(2-chloroethyl)ether	ND		110	25	ug/Kg	☼	10/24/24 09:40	10/28/24 15:45	1
Bis(2-ethylhexyl) phthalate	**92**	**J**	170	64	ug/Kg	☼	10/24/24 09:40	10/28/24 15:45	1
Butyl benzyl phthalate	ND		170	58	ug/Kg	☼	10/24/24 09:40	10/28/24 15:45	1
Caprolactam	ND		380	79	ug/Kg	☼	10/24/24 09:40	10/28/24 15:45	1
Carbazole	ND		110	31	ug/Kg	☼	10/24/24 09:40	10/28/24 15:45	1
Chrysene	ND		46	16	ug/Kg	☼	10/24/24 09:40	10/28/24 15:45	1
Dibenz(a,h)anthracene	ND		46	17	ug/Kg	☼	10/24/24 09:40	10/28/24 15:45	1

Client Sample ID: SB-DUP-4
Date Collected: 10/21/24 00:00
Date Received: 10/22/24 16:10

Lab Sample ID: 240-213548-4
Matrix: Solid
Percent Solids: 86.2

Method: SW846 8270E - Semivolatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Dibenzofuran	ND		110	33	ug/Kg	☼	10/24/24 09:40	10/28/24 15:45	1
Diethyl phthalate	ND		170	49	ug/Kg	☼	10/24/24 09:40	10/28/24 15:45	1
Dimethyl phthalate	ND		170	46	ug/Kg	☼	10/24/24 09:40	10/28/24 15:45	1
Di-n-butyl phthalate	ND		170	58	ug/Kg	☼	10/24/24 09:40	10/28/24 15:45	1
Di-n-octyl phthalate	ND		170	57	ug/Kg	☼	10/24/24 09:40	10/28/24 15:45	1
Fluoranthene	ND		46	16	ug/Kg	☼	10/24/24 09:40	10/28/24 15:45	1
Fluorene	ND		46	16	ug/Kg	☼	10/24/24 09:40	10/28/24 15:45	1
Hexachlorobenzene	ND		46	16	ug/Kg	☼	10/24/24 09:40	10/28/24 15:45	1
Hexachlorobutadiene	ND		110	24	ug/Kg	☼	10/24/24 09:40	10/28/24 15:45	1
Hexachlorocyclopentadiene	ND		380	44	ug/Kg	☼	10/24/24 09:40	10/28/24 15:45	1
Hexachloroethane	ND		110	36	ug/Kg	☼	10/24/24 09:40	10/28/24 15:45	1
Indeno[1,2,3-cd]pyrene	ND		46	14	ug/Kg	☼	10/24/24 09:40	10/28/24 15:45	1
Isophorone	ND		110	30	ug/Kg	☼	10/24/24 09:40	10/28/24 15:45	1
N-Nitrosodi-n-propylamine	ND		110	42	ug/Kg	☼	10/24/24 09:40	10/28/24 15:45	1
N-Nitrosodiphenylamine	ND		110	31	ug/Kg	☼	10/24/24 09:40	10/28/24 15:45	1
Naphthalene	ND		46	15	ug/Kg	☼	10/24/24 09:40	10/28/24 15:45	1
Nitrobenzene	ND		110	25	ug/Kg	☼	10/24/24 09:40	10/28/24 15:45	1
Pentachlorophenol	ND		310	120	ug/Kg	☼	10/24/24 09:40	10/28/24 15:45	1
Phenanthrene	ND		46	15	ug/Kg	☼	10/24/24 09:40	10/28/24 15:45	1
Phenol	ND		110	43	ug/Kg	☼	10/24/24 09:40	10/28/24 15:45	1
Pyrene	ND		46	18	ug/Kg	☼	10/24/24 09:40	10/28/24 15:45	1
3 & 4 Methylphenol	ND		460	47	ug/Kg	☼	10/24/24 09:40	10/28/24 15:45	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Terphenyl-d14 (Surr)	*65*		*37 - 120*	*10/24/24 09:40*	*10/28/24 15:45*	*1*
Phenol-d5 (Surr)	*62*		*29 - 120*	*10/24/24 09:40*	*10/28/24 15:45*	*1*
Nitrobenzene-d5 (Surr)	*21*	*S1-*	*28 - 120*	*10/24/24 09:40*	*10/28/24 15:45*	*1*
2-Fluorophenol (Surr)	*61*		*26 - 120*	*10/24/24 09:40*	*10/28/24 15:45*	*1*
2-Fluorobiphenyl (Surr)	*61*		*36 - 120*	*10/24/24 09:40*	*10/28/24 15:45*	*1*
2,4,6-Tribromophenol (Surr)	*75*		*10 - 120*	*10/24/24 09:40*	*10/28/24 15:45*	*1*

Method: SW846 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aroclor-1016	ND		58	29	ug/Kg	☼	10/25/24 10:51	10/28/24 10:49	1
Aroclor-1221	ND		58	35	ug/Kg	☼	10/25/24 10:51	10/28/24 10:49	1
Aroclor-1232	ND		58	24	ug/Kg	☼	10/25/24 10:51	10/28/24 10:49	1
Aroclor-1242	ND		58	22	ug/Kg	☼	10/25/24 10:51	10/28/24 10:49	1
Aroclor-1248	ND		58	20	ug/Kg	☼	10/25/24 10:51	10/28/24 10:49	1
Aroclor-1254	ND		58	24	ug/Kg	☼	10/25/24 10:51	10/28/24 10:49	1
Aroclor-1260	ND		58	24	ug/Kg	☼	10/25/24 10:51	10/28/24 10:49	1
Aroclor-1262	ND		58	25	ug/Kg	☼	10/25/24 10:51	10/28/24 10:49	1
Aroclor-1268	ND		58	18	ug/Kg	☼	10/25/24 10:51	10/28/24 10:49	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Tetrachloro-m-xylene	*80*		*10 - 149*	*10/25/24 10:51*	*10/28/24 10:49*	*1*
DCB Decachlorobiphenyl	*90*		*10 - 174*	*10/25/24 10:51*	*10/28/24 10:49*	*1*

Method: SW846 6010D - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	**9.1**		1.5	0.31	mg/Kg	☼	10/24/24 15:00	10/26/24 02:55	1

Client: August Mack Environmental, Inc.
Project/Site: MSC Canfield - Soil/Surface Water

Job ID: 240-213548-1

Client Sample ID: SB-DUP-4

Date Collected: 10/21/24 00:00
Date Received: 10/22/24 16:10

Lab Sample ID: 240-213548-4

Matrix: Solid
Percent Solids: 86.2

Method: SW846 6010D - Metals (ICP) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Barium	62		19	0.12	mg/Kg	☼	10/24/24 15:00	10/26/24 02:55	1
Cadmium	0.35	J	0.48	0.046	mg/Kg	☼	10/24/24 15:00	10/26/24 02:55	1
Chromium	11		0.97	0.33	mg/Kg	☼	10/24/24 15:00	10/26/24 02:55	1
Copper	12		2.4	0.68	mg/Kg	☼	10/24/24 15:00	10/26/24 02:55	1
Lead	9.9		0.97	0.27	mg/Kg	☼	10/24/24 15:00	10/26/24 02:55	1
Selenium	ND		1.9	0.45	mg/Kg	☼	10/24/24 15:00	10/26/24 02:55	1
Silver	ND		0.97	0.078	mg/Kg	☼	10/24/24 15:00	10/26/24 02:55	1
Zinc	47		4.8	3.5	mg/Kg	☼	10/24/24 15:00	10/26/24 02:55	1

Method: SW846 7471B - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	ND		0.11	0.020	mg/Kg	☼	10/24/24 15:00	10/25/24 09:44	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cr (VI) (SW846 7196A)	ND		0.48	0.16	mg/Kg	☼	11/04/24 11:49	11/05/24 18:28	1
Cyanide, Total (SW846 9012B)	ND		0.63	0.50	mg/Kg	☼	11/01/24 15:14	11/01/24 17:30	1

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Solids (EPA Moisture)	86.2		0.1	0.1	%			10/23/24 15:51	1
Percent Moisture (EPA Moisture)	13.8		0.1	0.1	%			10/23/24 15:51	1

General Chemistry - ASTM Leach

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cyanide, Free (OI CORP OIA-1677)	ND		0.0060	0.0050	mg/L			11/08/24 15:02	1

Client: August Mack Environmental, Inc.
Project/Site: MSC Canfield - Soil/Surface Water

Job ID: 240-213548-1

Client Sample ID: SB-12-18-20
Date Collected: 10/21/24 16:08
Date Received: 10/22/24 16:10

Lab Sample ID: 240-213548-5
Matrix: Solid
Percent Solids: 89.0

Method: SW846 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		5.4	1.9	ug/Kg	☼	10/25/24 11:33	10/25/24 20:25	1
1,1,2,2-Tetrachloroethane	ND		5.4	1.5	ug/Kg	☼	10/25/24 11:33	10/25/24 20:25	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		5.4	1.4	ug/Kg	☼	10/25/24 11:33	10/25/24 20:25	1
1,1,2-Trichloroethane	ND		5.4	1.2	ug/Kg	☼	10/25/24 11:33	10/25/24 20:25	1
1,1-Dichloroethane	ND		5.4	1.5	ug/Kg	☼	10/25/24 11:33	10/25/24 20:25	1
1,1-Dichloroethene	ND		5.4	2.0	ug/Kg	☼	10/25/24 11:33	10/25/24 20:25	1
1,2,4-Trichlorobenzene	ND		5.4	2.7	ug/Kg	☼	10/25/24 11:33	10/25/24 20:25	1
1,2-Dibromo-3-Chloropropane	ND		11	3.9	ug/Kg	☼	10/25/24 11:33	10/25/24 20:25	1
Ethylene Dibromide	ND		5.4	1.8	ug/Kg	☼	10/25/24 11:33	10/25/24 20:25	1
1,2-Dichlorobenzene	ND		5.4	1.2	ug/Kg	☼	10/25/24 11:33	10/25/24 20:25	1
1,2-Dichloroethane	ND		5.4	1.9	ug/Kg	☼	10/25/24 11:33	10/25/24 20:25	1
1,2-Dichloropropane	ND		5.4	0.91	ug/Kg	☼	10/25/24 11:33	10/25/24 20:25	1
1,3-Dichlorobenzene	ND		5.4	1.8	ug/Kg	☼	10/25/24 11:33	10/25/24 20:25	1
1,4-Dichlorobenzene	ND		5.4	0.95	ug/Kg	☼	10/25/24 11:33	10/25/24 20:25	1
2-Butanone (MEK)	ND		21	3.8	ug/Kg	☼	10/25/24 11:33	10/25/24 20:25	1
2-Hexanone	ND		21	4.4	ug/Kg	☼	10/25/24 11:33	10/25/24 20:25	1
4-Methyl-2-pentanone (MIBK)	ND		21	4.0	ug/Kg	☼	10/25/24 11:33	10/25/24 20:25	1
Acetone	ND		27	23	ug/Kg	☼	10/25/24 11:33	10/25/24 20:25	1
Benzene	ND		5.4	1.6	ug/Kg	☼	10/25/24 11:33	10/25/24 20:25	1
Dichlorobromomethane	ND		5.4	1.6	ug/Kg	☼	10/25/24 11:33	10/25/24 20:25	1
Bromoform	ND		5.4	2.6	ug/Kg	☼	10/25/24 11:33	10/25/24 20:25	1
Bromomethane	ND		5.4	4.5	ug/Kg	☼	10/25/24 11:33	10/25/24 20:25	1
Carbon disulfide	ND		5.4	1.2	ug/Kg	☼	10/25/24 11:33	10/25/24 20:25	1
Carbon tetrachloride	ND		5.4	3.5	ug/Kg	☼	10/25/24 11:33	10/25/24 20:25	1
Chlorobenzene	ND		5.4	0.98	ug/Kg	☼	10/25/24 11:33	10/25/24 20:25	1
Chloroethane	ND		5.4	2.9	ug/Kg	☼	10/25/24 11:33	10/25/24 20:25	1
Chloroform	ND		5.4	1.9	ug/Kg	☼	10/25/24 11:33	10/25/24 20:25	1
Chloromethane	ND		5.4	2.5	ug/Kg	☼	10/25/24 11:33	10/25/24 20:25	1
cis-1,2-Dichloroethene	ND		5.4	1.6	ug/Kg	☼	10/25/24 11:33	10/25/24 20:25	1
cis-1,3-Dichloropropene	ND		5.4	3.1	ug/Kg	☼	10/25/24 11:33	10/25/24 20:25	1
Cyclohexane	ND		11	1.5	ug/Kg	☼	10/25/24 11:33	10/25/24 20:25	1
Chlorodibromomethane	ND		5.4	3.0	ug/Kg	☼	10/25/24 11:33	10/25/24 20:25	1
Dichlorodifluoromethane	ND		5.4	2.4	ug/Kg	☼	10/25/24 11:33	10/25/24 20:25	1
Ethylbenzene	ND		5.4	1.1	ug/Kg	☼	10/25/24 11:33	10/25/24 20:25	1
Isopropylbenzene	ND		5.4	2.1	ug/Kg	☼	10/25/24 11:33	10/25/24 20:25	1
Methyl acetate	ND		27	3.7	ug/Kg	☼	10/25/24 11:33	10/25/24 20:25	1
Methyl tert-butyl ether	ND		5.4	2.1	ug/Kg	☼	10/25/24 11:33	10/25/24 20:25	1
Methylcyclohexane	ND		11	1.3	ug/Kg	☼	10/25/24 11:33	10/25/24 20:25	1
Methylene Chloride	ND	*+	27	13	ug/Kg	☼	10/25/24 11:33	10/25/24 20:25	1
Styrene	ND		5.4	1.2	ug/Kg	☼	10/25/24 11:33	10/25/24 20:25	1
Tetrachloroethene	ND		5.4	2.1	ug/Kg	☼	10/25/24 11:33	10/25/24 20:25	1
Toluene	ND		5.4	0.83	ug/Kg	☼	10/25/24 11:33	10/25/24 20:25	1
trans-1,2-Dichloroethene	ND		5.4	1.5	ug/Kg	☼	10/25/24 11:33	10/25/24 20:25	1
trans-1,3-Dichloropropene	ND		5.4	2.0	ug/Kg	☼	10/25/24 11:33	10/25/24 20:25	1
Trichloroethene	ND		5.4	1.5	ug/Kg	☼	10/25/24 11:33	10/25/24 20:25	1
Trichlorofluoromethane	ND		5.4	2.9	ug/Kg	☼	10/25/24 11:33	10/25/24 20:25	1
Vinyl chloride	ND		5.4	1.9	ug/Kg	☼	10/25/24 11:33	10/25/24 20:25	1
Xylenes, Total	ND		11	1.7	ug/Kg	☼	10/25/24 11:33	10/25/24 20:25	1

Client Sample ID: SB-12-18-20
Date Collected: 10/21/24 16:08
Date Received: 10/22/24 16:10

Lab Sample ID: 240-213548-5
Matrix: Solid
Percent Solids: 89.0

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Toluene-d8 (Surr)	*105*		*56 - 125*	*10/25/24 11:33*	*10/25/24 20:25*	*1*
Dibromofluoromethane (Surr)	*100*		*41 - 138*	*10/25/24 11:33*	*10/25/24 20:25*	*1*
4-Bromofluorobenzene (Surr)	*101*		*41 - 143*	*10/25/24 11:33*	*10/25/24 20:25*	*1*
1,2-Dichloroethane-d4 (Surr)	*102*		*58 - 125*	*10/25/24 11:33*	*10/25/24 20:25*	*1*

Method: SW846 8270E - Semivolatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1'-Biphenyl	ND		110	31	ug/Kg	☼	10/24/24 09:40	10/28/24 16:09	1
bis (2-chloroisopropyl) ether	ND		110	29	ug/Kg	☼	10/24/24 09:40	10/28/24 16:09	1
2,4,5-Trichlorophenol	ND		170	36	ug/Kg	☼	10/24/24 09:40	10/28/24 16:09	1
2,4,6-Trichlorophenol	ND		170	32	ug/Kg	☼	10/24/24 09:40	10/28/24 16:09	1
2,4-Dichlorophenol	ND		170	30	ug/Kg	☼	10/24/24 09:40	10/28/24 16:09	1
2,4-Dimethylphenol	ND		170	40	ug/Kg	☼	10/24/24 09:40	10/28/24 16:09	1
2,4-Dinitrophenol	ND		360	190	ug/Kg	☼	10/24/24 09:40	10/28/24 16:09	1
2,4-Dinitrotoluene	ND		220	25	ug/Kg	☼	10/24/24 09:40	10/28/24 16:09	1
2,6-Dinitrotoluene	ND		220	40	ug/Kg	☼	10/24/24 09:40	10/28/24 16:09	1
2-Chloronaphthalene	ND		110	31	ug/Kg	☼	10/24/24 09:40	10/28/24 16:09	1
2-Chlorophenol	ND		110	29	ug/Kg	☼	10/24/24 09:40	10/28/24 16:09	1
2-Methylnaphthalene	**25**	**J**	44	14	ug/Kg	☼	10/24/24 09:40	10/28/24 16:09	1
2-Methylphenol	ND		220	45	ug/Kg	☼	10/24/24 09:40	10/28/24 16:09	1
2-Nitroaniline	ND		220	42	ug/Kg	☼	10/24/24 09:40	10/28/24 16:09	1
2-Nitrophenol	ND		110	39	ug/Kg	☼	10/24/24 09:40	10/28/24 16:09	1
3,3'-Dichlorobenzidine	ND		170	100	ug/Kg	☼	10/24/24 09:40	10/28/24 16:09	1
3-Nitroaniline	ND		220	39	ug/Kg	☼	10/24/24 09:40	10/28/24 16:09	1
4,6-Dinitro-2-methylphenol	ND		360	110	ug/Kg	☼	10/24/24 09:40	10/28/24 16:09	1
4-Bromophenyl phenyl ether	ND		110	35	ug/Kg	☼	10/24/24 09:40	10/28/24 16:09	1
4-Chloro-3-methylphenol	ND		170	42	ug/Kg	☼	10/24/24 09:40	10/28/24 16:09	1
4-Chloroaniline	ND		170	18	ug/Kg	☼	10/24/24 09:40	10/28/24 16:09	1
4-Chlorophenyl phenyl ether	ND		110	31	ug/Kg	☼	10/24/24 09:40	10/28/24 16:09	1
4-Nitroaniline	ND		220	29	ug/Kg	☼	10/24/24 09:40	10/28/24 16:09	1
4-Nitrophenol	ND		360	99	ug/Kg	☼	10/24/24 09:40	10/28/24 16:09	1
Acenaphthene	ND		44	15	ug/Kg	☼	10/24/24 09:40	10/28/24 16:09	1
Acenaphthylene	ND		44	17	ug/Kg	☼	10/24/24 09:40	10/28/24 16:09	1
Acetophenone	ND		110	28	ug/Kg	☼	10/24/24 09:40	10/28/24 16:09	1
Anthracene	ND		44	13	ug/Kg	☼	10/24/24 09:40	10/28/24 16:09	1
Atrazine	ND		360	76	ug/Kg	☼	10/24/24 09:40	10/28/24 16:09	1
Benzaldehyde	ND		360	62	ug/Kg	☼	10/24/24 09:40	10/28/24 16:09	1
Benzo[a]anthracene	ND		44	17	ug/Kg	☼	10/24/24 09:40	10/28/24 16:09	1
Benzo[a]pyrene	ND		44	15	ug/Kg	☼	10/24/24 09:40	10/28/24 16:09	1
Benzo[b]fluoranthene	ND		44	13	ug/Kg	☼	10/24/24 09:40	10/28/24 16:09	1
Benzo[g,h,i]perylene	ND		44	30	ug/Kg	☼	10/24/24 09:40	10/28/24 16:09	1
Benzo[k]fluoranthene	ND		44	11	ug/Kg	☼	10/24/24 09:40	10/28/24 16:09	1
Bis(2-chloroethoxy)methane	ND		110	22	ug/Kg	☼	10/24/24 09:40	10/28/24 16:09	1
Bis(2-chloroethyl)ether	ND		110	24	ug/Kg	☼	10/24/24 09:40	10/28/24 16:09	1
Bis(2-ethylhexyl) phthalate	**100**	**J**	170	62	ug/Kg	☼	10/24/24 09:40	10/28/24 16:09	1
Butyl benzyl phthalate	ND		170	56	ug/Kg	☼	10/24/24 09:40	10/28/24 16:09	1
Caprolactam	ND		360	76	ug/Kg	☼	10/24/24 09:40	10/28/24 16:09	1
Carbazole	ND		110	30	ug/Kg	☼	10/24/24 09:40	10/28/24 16:09	1
Chrysene	ND		44	15	ug/Kg	☼	10/24/24 09:40	10/28/24 16:09	1
Dibenz(a,h)anthracene	ND		44	17	ug/Kg	☼	10/24/24 09:40	10/28/24 16:09	1

Client Sample ID: SB-12-18-20
Date Collected: 10/21/24 16:08
Date Received: 10/22/24 16:10

Lab Sample ID: 240-213548-5
Matrix: Solid
Percent Solids: 89.0

Method: SW846 8270E - Semivolatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Dibenzofuran	ND		110	32	ug/Kg	☼	10/24/24 09:40	10/28/24 16:09	1
Diethyl phthalate	ND		170	47	ug/Kg	☼	10/24/24 09:40	10/28/24 16:09	1
Dimethyl phthalate	ND		170	44	ug/Kg	☼	10/24/24 09:40	10/28/24 16:09	1
Di-n-butyl phthalate	ND		170	56	ug/Kg	☼	10/24/24 09:40	10/28/24 16:09	1
Di-n-octyl phthalate	ND		170	55	ug/Kg	☼	10/24/24 09:40	10/28/24 16:09	1
Fluoranthene	ND		44	15	ug/Kg	☼	10/24/24 09:40	10/28/24 16:09	1
Fluorene	ND		44	15	ug/Kg	☼	10/24/24 09:40	10/28/24 16:09	1
Hexachlorobenzene	ND		44	15	ug/Kg	☼	10/24/24 09:40	10/28/24 16:09	1
Hexachlorobutadiene	ND		110	23	ug/Kg	☼	10/24/24 09:40	10/28/24 16:09	1
Hexachlorocyclopentadiene	ND		360	43	ug/Kg	☼	10/24/24 09:40	10/28/24 16:09	1
Hexachloroethane	ND		110	35	ug/Kg	☼	10/24/24 09:40	10/28/24 16:09	1
Indeno[1,2,3-cd]pyrene	ND		44	13	ug/Kg	☼	10/24/24 09:40	10/28/24 16:09	1
Isophorone	ND		110	29	ug/Kg	☼	10/24/24 09:40	10/28/24 16:09	1
N-Nitrosodi-n-propylamine	ND		110	41	ug/Kg	☼	10/24/24 09:40	10/28/24 16:09	1
N-Nitrosodiphenylamine	ND		110	30	ug/Kg	☼	10/24/24 09:40	10/28/24 16:09	1
Naphthalene	ND		44	14	ug/Kg	☼	10/24/24 09:40	10/28/24 16:09	1
Nitrobenzene	ND		110	24	ug/Kg	☼	10/24/24 09:40	10/28/24 16:09	1
Pentachlorophenol	ND		300	120	ug/Kg	☼	10/24/24 09:40	10/28/24 16:09	1
Phenanthrene	**33**	**J**	44	14	ug/Kg	☼	10/24/24 09:40	10/28/24 16:09	1
Phenol	ND		110	42	ug/Kg	☼	10/24/24 09:40	10/28/24 16:09	1
Pyrene	ND		44	18	ug/Kg	☼	10/24/24 09:40	10/28/24 16:09	1
3 & 4 Methylphenol	ND		440	45	ug/Kg	☼	10/24/24 09:40	10/28/24 16:09	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Terphenyl-d14 (Surr)	*57*		*37 - 120*	*10/24/24 09:40*	*10/28/24 16:09*	*1*
Phenol-d5 (Surr)	*54*		*29 - 120*	*10/24/24 09:40*	*10/28/24 16:09*	*1*
Nitrobenzene-d5 (Surr)	*48*		*28 - 120*	*10/24/24 09:40*	*10/28/24 16:09*	*1*
2-Fluorophenol (Surr)	*57*		*26 - 120*	*10/24/24 09:40*	*10/28/24 16:09*	*1*
2-Fluorobiphenyl (Surr)	*53*		*36 - 120*	*10/24/24 09:40*	*10/28/24 16:09*	*1*
2,4,6-Tribromophenol (Surr)	*26*		*10 - 120*	*10/24/24 09:40*	*10/28/24 16:09*	*1*

Method: SW846 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aroclor-1016	ND		56	28	ug/Kg	☼	10/25/24 10:51	10/28/24 11:04	1
Aroclor-1221	ND		56	34	ug/Kg	☼	10/25/24 10:51	10/28/24 11:04	1
Aroclor-1232	ND		56	24	ug/Kg	☼	10/25/24 10:51	10/28/24 11:04	1
Aroclor-1242	ND		56	21	ug/Kg	☼	10/25/24 10:51	10/28/24 11:04	1
Aroclor-1248	ND		56	19	ug/Kg	☼	10/25/24 10:51	10/28/24 11:04	1
Aroclor-1254	ND		56	24	ug/Kg	☼	10/25/24 10:51	10/28/24 11:04	1
Aroclor-1260	ND		56	24	ug/Kg	☼	10/25/24 10:51	10/28/24 11:04	1
Aroclor-1262	ND		56	25	ug/Kg	☼	10/25/24 10:51	10/28/24 11:04	1
Aroclor-1268	ND		56	18	ug/Kg	☼	10/25/24 10:51	10/28/24 11:04	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Tetrachloro-m-xylene	*83*		*10 - 149*	*10/25/24 10:51*	*10/28/24 11:04*	*1*
DCB Decachlorobiphenyl	*88*		*10 - 174*	*10/25/24 10:51*	*10/28/24 11:04*	*1*

Method: SW846 6010D - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	**13**		1.4	0.30	mg/Kg	☼	10/24/24 15:00	10/26/24 02:59	1

Client: August Mack Environmental, Inc.
Project/Site: MSC Canfield - Soil/Surface Water

Job ID: 240-213548-1

Client Sample ID: SB-12-18-20
Date Collected: 10/21/24 16:08
Date Received: 10/22/24 16:10

Lab Sample ID: 240-213548-5
Matrix: Solid
Percent Solids: 89.0

Method: SW846 6010D - Metals (ICP) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Barium	18	J	19	0.12	mg/Kg	☼	10/24/24 15:00	10/26/24 02:59	1
Cadmium	0.062	J	0.47	0.045	mg/Kg	☼	10/24/24 15:00	10/26/24 02:59	1
Chromium	13		0.94	0.32	mg/Kg	☼	10/24/24 15:00	10/26/24 02:59	1
Copper	17		2.4	0.66	mg/Kg	☼	10/24/24 15:00	10/26/24 02:59	1
Lead	9.8		0.94	0.27	mg/Kg	☼	10/24/24 15:00	10/26/24 02:59	1
Selenium	ND		1.9	0.44	mg/Kg	☼	10/24/24 15:00	10/26/24 02:59	1
Silver	ND		0.94	0.077	mg/Kg	☼	10/24/24 15:00	10/26/24 02:59	1
Zinc	55		4.7	3.4	mg/Kg	☼	10/24/24 15:00	10/26/24 02:59	1

Method: SW846 7471B - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	ND		0.12	0.021	mg/Kg	☼	10/24/24 15:00	10/25/24 09:49	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cr (VI) (SW846 7196A)	ND		0.46	0.15	mg/Kg	☼	11/04/24 11:49	11/05/24 18:28	1
Cyanide, Total (SW846 9012B)	ND		0.50	0.40	mg/Kg	☼	11/01/24 15:14	11/01/24 17:48	1

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Solids (EPA Moisture)	89.0		0.1	0.1	%			10/23/24 15:51	1
Percent Moisture (EPA Moisture)	11.0		0.1	0.1	%			10/23/24 15:51	1

General Chemistry - ASTM Leach

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cyanide, Free (OI CORP OIA-1677)	ND		0.0060	0.0050	mg/L			11/08/24 15:04	1

Client: August Mack Environmental, Inc.
Project/Site: MSC Canfield - Soil/Surface Water

Job ID: 240-213548-1

Client Sample ID: SB-12-6-8
Date Collected: 10/21/24 15:45
Date Received: 10/22/24 16:10

Lab Sample ID: 240-213548-6
Matrix: Solid
Percent Solids: 87.5

Method: SW846 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		5.4	1.9	ug/Kg	☼	10/25/24 11:33	10/25/24 20:46	1
1,1,2,2-Tetrachloroethane	ND		5.4	1.6	ug/Kg	☼	10/25/24 11:33	10/25/24 20:46	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		5.4	1.4	ug/Kg	☼	10/25/24 11:33	10/25/24 20:46	1
1,1,2-Trichloroethane	ND		5.4	1.2	ug/Kg	☼	10/25/24 11:33	10/25/24 20:46	1
1,1-Dichloroethane	ND		5.4	1.5	ug/Kg	☼	10/25/24 11:33	10/25/24 20:46	1
1,1-Dichloroethene	ND		5.4	2.0	ug/Kg	☼	10/25/24 11:33	10/25/24 20:46	1
1,2,4-Trichlorobenzene	ND		5.4	2.7	ug/Kg	☼	10/25/24 11:33	10/25/24 20:46	1
1,2-Dibromo-3-Chloropropane	ND		11	3.9	ug/Kg	☼	10/25/24 11:33	10/25/24 20:46	1
Ethylene Dibromide	ND		5.4	1.8	ug/Kg	☼	10/25/24 11:33	10/25/24 20:46	1
1,2-Dichlorobenzene	ND		5.4	1.2	ug/Kg	☼	10/25/24 11:33	10/25/24 20:46	1
1,2-Dichloroethane	ND		5.4	2.0	ug/Kg	☼	10/25/24 11:33	10/25/24 20:46	1
1,2-Dichloropropane	ND		5.4	0.92	ug/Kg	☼	10/25/24 11:33	10/25/24 20:46	1
1,3-Dichlorobenzene	ND		5.4	1.8	ug/Kg	☼	10/25/24 11:33	10/25/24 20:46	1
1,4-Dichlorobenzene	ND		5.4	0.96	ug/Kg	☼	10/25/24 11:33	10/25/24 20:46	1
2-Butanone (MEK)	**5.3**	**J**	22	3.9	ug/Kg	☼	10/25/24 11:33	10/25/24 20:46	1
2-Hexanone	ND		22	4.4	ug/Kg	☼	10/25/24 11:33	10/25/24 20:46	1
4-Methyl-2-pentanone (MIBK)	ND		22	4.0	ug/Kg	☼	10/25/24 11:33	10/25/24 20:46	1
Acetone	**51**		27	23	ug/Kg	☼	10/25/24 11:33	10/25/24 20:46	1
Benzene	ND		5.4	1.6	ug/Kg	☼	10/25/24 11:33	10/25/24 20:46	1
Dichlorobromomethane	ND		5.4	1.6	ug/Kg	☼	10/25/24 11:33	10/25/24 20:46	1
Bromoform	ND		5.4	2.6	ug/Kg	☼	10/25/24 11:33	10/25/24 20:46	1
Bromomethane	ND		5.4	4.5	ug/Kg	☼	10/25/24 11:33	10/25/24 20:46	1
Carbon disulfide	ND		5.4	1.3	ug/Kg	☼	10/25/24 11:33	10/25/24 20:46	1
Carbon tetrachloride	ND		5.4	3.5	ug/Kg	☼	10/25/24 11:33	10/25/24 20:46	1
Chlorobenzene	ND		5.4	0.99	ug/Kg	☼	10/25/24 11:33	10/25/24 20:46	1
Chloroethane	ND		5.4	3.0	ug/Kg	☼	10/25/24 11:33	10/25/24 20:46	1
Chloroform	ND		5.4	1.9	ug/Kg	☼	10/25/24 11:33	10/25/24 20:46	1
Chloromethane	ND		5.4	2.5	ug/Kg	☼	10/25/24 11:33	10/25/24 20:46	1
cis-1,2-Dichloroethene	ND		5.4	1.6	ug/Kg	☼	10/25/24 11:33	10/25/24 20:46	1
cis-1,3-Dichloropropene	ND		5.4	3.1	ug/Kg	☼	10/25/24 11:33	10/25/24 20:46	1
Cyclohexane	ND		11	1.5	ug/Kg	☼	10/25/24 11:33	10/25/24 20:46	1
Chlorodibromomethane	ND		5.4	3.0	ug/Kg	☼	10/25/24 11:33	10/25/24 20:46	1
Dichlorodifluoromethane	ND		5.4	2.5	ug/Kg	☼	10/25/24 11:33	10/25/24 20:46	1
Ethylbenzene	ND		5.4	1.1	ug/Kg	☼	10/25/24 11:33	10/25/24 20:46	1
Isopropylbenzene	ND		5.4	2.1	ug/Kg	☼	10/25/24 11:33	10/25/24 20:46	1
Methyl acetate	ND		27	3.7	ug/Kg	☼	10/25/24 11:33	10/25/24 20:46	1
Methyl tert-butyl ether	ND		5.4	2.1	ug/Kg	☼	10/25/24 11:33	10/25/24 20:46	1
Methylcyclohexane	ND		11	1.3	ug/Kg	☼	10/25/24 11:33	10/25/24 20:46	1
Methylene Chloride	ND	*+	27	13	ug/Kg	☼	10/25/24 11:33	10/25/24 20:46	1
Styrene	ND		5.4	1.3	ug/Kg	☼	10/25/24 11:33	10/25/24 20:46	1
Tetrachloroethene	ND		5.4	2.1	ug/Kg	☼	10/25/24 11:33	10/25/24 20:46	1
Toluene	ND		5.4	0.84	ug/Kg	☼	10/25/24 11:33	10/25/24 20:46	1
trans-1,2-Dichloroethene	ND		5.4	1.5	ug/Kg	☼	10/25/24 11:33	10/25/24 20:46	1
trans-1,3-Dichloropropene	ND		5.4	2.0	ug/Kg	☼	10/25/24 11:33	10/25/24 20:46	1
Trichloroethene	ND		5.4	1.6	ug/Kg	☼	10/25/24 11:33	10/25/24 20:46	1
Trichlorofluoromethane	ND		5.4	2.9	ug/Kg	☼	10/25/24 11:33	10/25/24 20:46	1
Vinyl chloride	ND		5.4	1.9	ug/Kg	☼	10/25/24 11:33	10/25/24 20:46	1
Xylenes, Total	ND		11	1.7	ug/Kg	☼	10/25/24 11:33	10/25/24 20:46	1

Client Sample ID: SB-12-6-8
Date Collected: 10/21/24 15:45
Date Received: 10/22/24 16:10

Lab Sample ID: 240-213548-6
Matrix: Solid
Percent Solids: 87.5

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
Toluene-d8 (Surr)	*102*		*56 - 125*	*10/25/24 11:33*	*10/25/24 20:46*	*1*
Dibromofluoromethane (Surr)	*99*		*41 - 138*	*10/25/24 11:33*	*10/25/24 20:46*	*1*
4-Bromofluorobenzene (Surr)	*93*		*41 - 143*	*10/25/24 11:33*	*10/25/24 20:46*	*1*
1,2-Dichloroethane-d4 (Surr)	*99*		*58 - 125*	*10/25/24 11:33*	*10/25/24 20:46*	*1*

Method: SW846 8270E - Semivolatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1'-Biphenyl	ND		120	32	ug/Kg	☼	10/24/24 09:40	10/28/24 15:21	1
bis (2-chloroisopropyl) ether	ND		120	30	ug/Kg	☼	10/24/24 09:40	10/28/24 15:21	1
2,4,5-Trichlorophenol	ND		170	38	ug/Kg	☼	10/24/24 09:40	10/28/24 15:21	1
2,4,6-Trichlorophenol	ND		170	33	ug/Kg	☼	10/24/24 09:40	10/28/24 15:21	1
2,4-Dichlorophenol	ND		170	31	ug/Kg	☼	10/24/24 09:40	10/28/24 15:21	1
2,4-Dimethylphenol	ND		170	41	ug/Kg	☼	10/24/24 09:40	10/28/24 15:21	1
2,4-Dinitrophenol	ND		380	200	ug/Kg	☼	10/24/24 09:40	10/28/24 15:21	1
2,4-Dinitrotoluene	ND		230	26	ug/Kg	☼	10/24/24 09:40	10/28/24 15:21	1
2,6-Dinitrotoluene	ND		230	41	ug/Kg	☼	10/24/24 09:40	10/28/24 15:21	1
2-Chloronaphthalene	ND		120	32	ug/Kg	☼	10/24/24 09:40	10/28/24 15:21	1
2-Chlorophenol	ND		120	30	ug/Kg	☼	10/24/24 09:40	10/28/24 15:21	1
2-Methylnaphthalene	ND		46	15	ug/Kg	☼	10/24/24 09:40	10/28/24 15:21	1
2-Methylphenol	ND		230	47	ug/Kg	☼	10/24/24 09:40	10/28/24 15:21	1
2-Nitroaniline	ND		230	44	ug/Kg	☼	10/24/24 09:40	10/28/24 15:21	1
2-Nitrophenol	ND		120	40	ug/Kg	☼	10/24/24 09:40	10/28/24 15:21	1
3,3'-Dichlorobenzidine	ND		170	110	ug/Kg	☼	10/24/24 09:40	10/28/24 15:21	1
3-Nitroaniline	ND		230	40	ug/Kg	☼	10/24/24 09:40	10/28/24 15:21	1
4,6-Dinitro-2-methylphenol	ND		380	120	ug/Kg	☼	10/24/24 09:40	10/28/24 15:21	1
4-Bromophenyl phenyl ether	ND		120	37	ug/Kg	☼	10/24/24 09:40	10/28/24 15:21	1
4-Chloro-3-methylphenol	ND		170	44	ug/Kg	☼	10/24/24 09:40	10/28/24 15:21	1
4-Chloroaniline	ND		170	18	ug/Kg	☼	10/24/24 09:40	10/28/24 15:21	1
4-Chlorophenyl phenyl ether	ND		120	32	ug/Kg	☼	10/24/24 09:40	10/28/24 15:21	1
4-Nitroaniline	ND		230	30	ug/Kg	☼	10/24/24 09:40	10/28/24 15:21	1
4-Nitrophenol	ND		380	100	ug/Kg	☼	10/24/24 09:40	10/28/24 15:21	1
Acenaphthene	ND		46	16	ug/Kg	☼	10/24/24 09:40	10/28/24 15:21	1
Acenaphthylene	ND		46	17	ug/Kg	☼	10/24/24 09:40	10/28/24 15:21	1
Acetophenone	ND		120	29	ug/Kg	☼	10/24/24 09:40	10/28/24 15:21	1
Anthracene	ND		46	14	ug/Kg	☼	10/24/24 09:40	10/28/24 15:21	1
Atrazine	ND		380	79	ug/Kg	☼	10/24/24 09:40	10/28/24 15:21	1
Benzaldehyde	ND		380	64	ug/Kg	☼	10/24/24 09:40	10/28/24 15:21	1
Benzo[a]anthracene	ND		46	17	ug/Kg	☼	10/24/24 09:40	10/28/24 15:21	1
Benzo[a]pyrene	ND		46	16	ug/Kg	☼	10/24/24 09:40	10/28/24 15:21	1
Benzo[b]fluoranthene	ND		46	14	ug/Kg	☼	10/24/24 09:40	10/28/24 15:21	1
Benzo[g,h,i]perylene	ND		46	31	ug/Kg	☼	10/24/24 09:40	10/28/24 15:21	1
Benzo[k]fluoranthene	ND		46	12	ug/Kg	☼	10/24/24 09:40	10/28/24 15:21	1
Bis(2-chloroethoxy)methane	ND		120	23	ug/Kg	☼	10/24/24 09:40	10/28/24 15:21	1
Bis(2-chloroethyl)ether	ND		120	25	ug/Kg	☼	10/24/24 09:40	10/28/24 15:21	1
Bis(2-ethylhexyl) phthalate	**88**	**J**	170	64	ug/Kg	☼	10/24/24 09:40	10/28/24 15:21	1
Butyl benzyl phthalate	ND		170	59	ug/Kg	☼	10/24/24 09:40	10/28/24 15:21	1
Caprolactam	ND		380	79	ug/Kg	☼	10/24/24 09:40	10/28/24 15:21	1
Carbazole	ND		120	31	ug/Kg	☼	10/24/24 09:40	10/28/24 15:21	1
Chrysene	ND		46	16	ug/Kg	☼	10/24/24 09:40	10/28/24 15:21	1
Dibenz(a,h)anthracene	ND		46	17	ug/Kg	☼	10/24/24 09:40	10/28/24 15:21	1

Client Sample ID: SB-12-6-8
Lab Sample ID: 240-213548-6
Date Collected: 10/21/24 15:45
Matrix: Solid
Date Received: 10/22/24 16:10
Percent Solids: 87.5

Method: SW846 8270E - Semivolatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Dibenzofuran	ND		120	33	ug/Kg	☼	10/24/24 09:40	10/28/24 15:21	1
Diethyl phthalate	ND		170	49	ug/Kg	☼	10/24/24 09:40	10/28/24 15:21	1
Dimethyl phthalate	ND		170	46	ug/Kg	☼	10/24/24 09:40	10/28/24 15:21	1
Di-n-butyl phthalate	ND		170	59	ug/Kg	☼	10/24/24 09:40	10/28/24 15:21	1
Di-n-octyl phthalate	ND		170	58	ug/Kg	☼	10/24/24 09:40	10/28/24 15:21	1
Fluoranthene	ND		46	16	ug/Kg	☼	10/24/24 09:40	10/28/24 15:21	1
Fluorene	ND		46	16	ug/Kg	☼	10/24/24 09:40	10/28/24 15:21	1
Hexachlorobenzene	ND		46	16	ug/Kg	☼	10/24/24 09:40	10/28/24 15:21	1
Hexachlorobutadiene	ND		120	24	ug/Kg	☼	10/24/24 09:40	10/28/24 15:21	1
Hexachlorocyclopentadiene	ND		380	45	ug/Kg	☼	10/24/24 09:40	10/28/24 15:21	1
Hexachloroethane	ND		120	37	ug/Kg	☼	10/24/24 09:40	10/28/24 15:21	1
Indeno[1,2,3-cd]pyrene	ND		46	14	ug/Kg	☼	10/24/24 09:40	10/28/24 15:21	1
Isophorone	ND		120	30	ug/Kg	☼	10/24/24 09:40	10/28/24 15:21	1
N-Nitrosodi-n-propylamine	ND		120	43	ug/Kg	☼	10/24/24 09:40	10/28/24 15:21	1
N-Nitrosodiphenylamine	ND		120	31	ug/Kg	☼	10/24/24 09:40	10/28/24 15:21	1
Naphthalene	ND		46	15	ug/Kg	☼	10/24/24 09:40	10/28/24 15:21	1
Nitrobenzene	ND		120	25	ug/Kg	☼	10/24/24 09:40	10/28/24 15:21	1
Pentachlorophenol	ND		310	120	ug/Kg	☼	10/24/24 09:40	10/28/24 15:21	1
Phenanthrene	ND		46	15	ug/Kg	☼	10/24/24 09:40	10/28/24 15:21	1
Phenol	ND		120	44	ug/Kg	☼	10/24/24 09:40	10/28/24 15:21	1
Pyrene	ND		46	18	ug/Kg	☼	10/24/24 09:40	10/28/24 15:21	1
3 & 4 Methylphenol	ND		460	47	ug/Kg	☼	10/24/24 09:40	10/28/24 15:21	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Terphenyl-d14 (Surr)	*63*		*37 - 120*	*10/24/24 09:40*	*10/28/24 15:21*	*1*
Phenol-d5 (Surr)	*60*		*29 - 120*	*10/24/24 09:40*	*10/28/24 15:21*	*1*
Nitrobenzene-d5 (Surr)	*51*		*28 - 120*	*10/24/24 09:40*	*10/28/24 15:21*	*1*
2-Fluorophenol (Surr)	*61*		*26 - 120*	*10/24/24 09:40*	*10/28/24 15:21*	*1*
2-Fluorobiphenyl (Surr)	*58*		*36 - 120*	*10/24/24 09:40*	*10/28/24 15:21*	*1*
2,4,6-Tribromophenol (Surr)	*38*		*10 - 120*	*10/24/24 09:40*	*10/28/24 15:21*	*1*

Method: SW846 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aroclor-1016	ND		57	28	ug/Kg	☼	10/25/24 10:51	10/28/24 12:07	1
Aroclor-1221	ND		57	34	ug/Kg	☼	10/25/24 10:51	10/28/24 12:07	1
Aroclor-1232	ND		57	24	ug/Kg	☼	10/25/24 10:51	10/28/24 12:07	1
Aroclor-1242	ND		57	21	ug/Kg	☼	10/25/24 10:51	10/28/24 12:07	1
Aroclor-1248	ND		57	19	ug/Kg	☼	10/25/24 10:51	10/28/24 12:07	1
Aroclor-1254	ND		57	24	ug/Kg	☼	10/25/24 10:51	10/28/24 12:07	1
Aroclor-1260	ND		57	24	ug/Kg	☼	10/25/24 10:51	10/28/24 12:07	1
Aroclor-1262	ND		57	25	ug/Kg	☼	10/25/24 10:51	10/28/24 12:07	1
Aroclor-1268	ND		57	18	ug/Kg	☼	10/25/24 10:51	10/28/24 12:07	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Tetrachloro-m-xylene	*81*		*10 - 149*	*10/25/24 10:51*	*10/28/24 12:07*	*1*
DCB Decachlorobiphenyl	*89*		*10 - 174*	*10/25/24 10:51*	*10/28/24 12:07*	*1*

Method: SW846 6010D - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	**16**		1.6	0.34	mg/Kg	☼	10/24/24 15:00	10/26/24 03:04	1

Client: August Mack Environmental, Inc.
Project/Site: MSC Canfield - Soil/Surface Water

Job ID: 240-213548-1

Client Sample ID: SB-12-6-8
Date Collected: 10/21/24 15:45
Date Received: 10/22/24 16:10

Lab Sample ID: 240-213548-6
Matrix: Solid
Percent Solids: 87.5

Method: SW846 6010D - Metals (ICP) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Barium	59		22	0.14	mg/Kg	☼	10/24/24 15:00	10/26/24 03:04	1
Cadmium	0.075	J	0.54	0.052	mg/Kg	☼	10/24/24 15:00	10/26/24 03:04	1
Chromium	15		1.1	0.37	mg/Kg	☼	10/24/24 15:00	10/26/24 03:04	1
Copper	19		2.7	0.76	mg/Kg	☼	10/24/24 15:00	10/26/24 03:04	1
Lead	11		1.1	0.30	mg/Kg	☼	10/24/24 15:00	10/26/24 03:04	1
Selenium	ND		2.2	0.51	mg/Kg	☼	10/24/24 15:00	10/26/24 03:04	1
Silver	ND		1.1	0.087	mg/Kg	☼	10/24/24 15:00	10/26/24 03:04	1
Zinc	69		5.4	3.9	mg/Kg	☼	10/24/24 15:00	10/26/24 03:04	1

Method: SW846 7471B - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	ND		0.11	0.020	mg/Kg	☼	10/24/24 15:00	10/25/24 09:51	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cr (VI) (SW846 7196A)	ND		0.47	0.16	mg/Kg	☼	11/04/24 11:49	11/05/24 18:28	1
Cyanide, Total (SW846 9012B)	2.1		0.62	0.49	mg/Kg	☼	11/01/24 15:14	11/01/24 17:49	1

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Solids (EPA Moisture)	87.5		0.1	0.1	%			10/23/24 15:51	1
Percent Moisture (EPA Moisture)	12.5		0.1	0.1	%			10/23/24 15:51	1

General Chemistry - ASTM Leach

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cyanide, Free (OI CORP OIA-1677)	0.0052	J	0.0060	0.0050	mg/L			11/06/24 12:57	1

Client: August Mack Environmental, Inc.
Project/Site: MSC Canfield - Soil/Surface Water

Job ID: 240-213548-1

Client Sample ID: SB-14-6-8
Date Collected: 10/21/24 13:20
Date Received: 10/22/24 16:10

Lab Sample ID: 240-213548-7
Matrix: Solid
Percent Solids: 84.7

Method: SW846 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		5.5	2.0	ug/Kg	☼	10/25/24 11:33	10/25/24 21:08	1
1,1,2,2-Tetrachloroethane	ND		5.5	1.6	ug/Kg	☼	10/25/24 11:33	10/25/24 21:08	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		5.5	1.4	ug/Kg	☼	10/25/24 11:33	10/25/24 21:08	1
1,1,2-Trichloroethane	ND		5.5	1.3	ug/Kg	☼	10/25/24 11:33	10/25/24 21:08	1
1,1-Dichloroethane	ND		5.5	1.6	ug/Kg	☼	10/25/24 11:33	10/25/24 21:08	1
1,1-Dichloroethene	ND		5.5	2.0	ug/Kg	☼	10/25/24 11:33	10/25/24 21:08	1
1,2,4-Trichlorobenzene	ND		5.5	2.8	ug/Kg	☼	10/25/24 11:33	10/25/24 21:08	1
1,2-Dibromo-3-Chloropropane	ND		11	4.0	ug/Kg	☼	10/25/24 11:33	10/25/24 21:08	1
Ethylene Dibromide	ND		5.5	1.9	ug/Kg	☼	10/25/24 11:33	10/25/24 21:08	1
1,2-Dichlorobenzene	ND		5.5	1.2	ug/Kg	☼	10/25/24 11:33	10/25/24 21:08	1
1,2-Dichloroethane	ND		5.5	2.0	ug/Kg	☼	10/25/24 11:33	10/25/24 21:08	1
1,2-Dichloropropane	ND		5.5	0.94	ug/Kg	☼	10/25/24 11:33	10/25/24 21:08	1
1,3-Dichlorobenzene	ND		5.5	1.8	ug/Kg	☼	10/25/24 11:33	10/25/24 21:08	1
1,4-Dichlorobenzene	ND		5.5	0.98	ug/Kg	☼	10/25/24 11:33	10/25/24 21:08	1
2-Butanone (MEK)	**6.4**	**J**	22	3.9	ug/Kg	☼	10/25/24 11:33	10/25/24 21:08	1
2-Hexanone	ND		22	4.5	ug/Kg	☼	10/25/24 11:33	10/25/24 21:08	1
4-Methyl-2-pentanone (MIBK)	ND		22	4.1	ug/Kg	☼	10/25/24 11:33	10/25/24 21:08	1
Acetone	**65**		28	23	ug/Kg	☼	10/25/24 11:33	10/25/24 21:08	1
Benzene	ND		5.5	1.7	ug/Kg	☼	10/25/24 11:33	10/25/24 21:08	1
Dichlorobromomethane	ND		5.5	1.7	ug/Kg	☼	10/25/24 11:33	10/25/24 21:08	1
Bromoform	ND		5.5	2.7	ug/Kg	☼	10/25/24 11:33	10/25/24 21:08	1
Bromomethane	ND		5.5	4.6	ug/Kg	☼	10/25/24 11:33	10/25/24 21:08	1
Carbon disulfide	ND		5.5	1.3	ug/Kg	☼	10/25/24 11:33	10/25/24 21:08	1
Carbon tetrachloride	ND		5.5	3.6	ug/Kg	☼	10/25/24 11:33	10/25/24 21:08	1
Chlorobenzene	ND		5.5	1.0	ug/Kg	☼	10/25/24 11:33	10/25/24 21:08	1
Chloroethane	ND		5.5	3.0	ug/Kg	☼	10/25/24 11:33	10/25/24 21:08	1
Chloroform	ND		5.5	2.0	ug/Kg	☼	10/25/24 11:33	10/25/24 21:08	1
Chloromethane	ND		5.5	2.5	ug/Kg	☼	10/25/24 11:33	10/25/24 21:08	1
cis-1,2-Dichloroethene	ND		5.5	1.6	ug/Kg	☼	10/25/24 11:33	10/25/24 21:08	1
cis-1,3-Dichloropropene	ND		5.5	3.2	ug/Kg	☼	10/25/24 11:33	10/25/24 21:08	1
Cyclohexane	ND		11	1.5	ug/Kg	☼	10/25/24 11:33	10/25/24 21:08	1
Chlorodibromomethane	ND		5.5	3.1	ug/Kg	☼	10/25/24 11:33	10/25/24 21:08	1
Dichlorodifluoromethane	ND		5.5	2.5	ug/Kg	☼	10/25/24 11:33	10/25/24 21:08	1
Ethylbenzene	ND		5.5	1.2	ug/Kg	☼	10/25/24 11:33	10/25/24 21:08	1
Isopropylbenzene	ND		5.5	2.1	ug/Kg	☼	10/25/24 11:33	10/25/24 21:08	1
Methyl acetate	ND		28	3.8	ug/Kg	☼	10/25/24 11:33	10/25/24 21:08	1
Methyl tert-butyl ether	ND		5.5	2.2	ug/Kg	☼	10/25/24 11:33	10/25/24 21:08	1
Methylcyclohexane	ND		11	1.4	ug/Kg	☼	10/25/24 11:33	10/25/24 21:08	1
Methylene Chloride	ND	*+	28	13	ug/Kg	☼	10/25/24 11:33	10/25/24 21:08	1
Styrene	ND		5.5	1.3	ug/Kg	☼	10/25/24 11:33	10/25/24 21:08	1
Tetrachloroethene	ND		5.5	2.1	ug/Kg	☼	10/25/24 11:33	10/25/24 21:08	1
Toluene	ND		5.5	0.86	ug/Kg	☼	10/25/24 11:33	10/25/24 21:08	1
trans-1,2-Dichloroethene	ND		5.5	1.6	ug/Kg	☼	10/25/24 11:33	10/25/24 21:08	1
trans-1,3-Dichloropropene	ND		5.5	2.0	ug/Kg	☼	10/25/24 11:33	10/25/24 21:08	1
Trichloroethene	ND		5.5	1.6	ug/Kg	☼	10/25/24 11:33	10/25/24 21:08	1
Trichlorofluoromethane	ND		5.5	3.0	ug/Kg	☼	10/25/24 11:33	10/25/24 21:08	1
Vinyl chloride	ND		5.5	2.0	ug/Kg	☼	10/25/24 11:33	10/25/24 21:08	1
Xylenes, Total	ND		11	1.8	ug/Kg	☼	10/25/24 11:33	10/25/24 21:08	1

Client Sample ID: SB-14-6-8
Date Collected: 10/21/24 13:20
Date Received: 10/22/24 16:10

Lab Sample ID: 240-213548-7
Matrix: Solid
Percent Solids: 84.7

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Toluene-d8 (Surr)	*100*		*56 - 125*	*10/25/24 11:33*	*10/25/24 21:08*	*1*
Dibromofluoromethane (Surr)	*102*		*41 - 138*	*10/25/24 11:33*	*10/25/24 21:08*	*1*
4-Bromofluorobenzene (Surr)	*88*		*41 - 143*	*10/25/24 11:33*	*10/25/24 21:08*	*1*
1,2-Dichloroethane-d4 (Surr)	*101*		*58 - 125*	*10/25/24 11:33*	*10/25/24 21:08*	*1*

Method: SW846 8270E - Semivolatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1'-Biphenyl	ND		120	33	ug/Kg	☼	10/24/24 09:40	10/28/24 16:33	1
bis (2-chloroisopropyl) ether	ND		120	31	ug/Kg	☼	10/24/24 09:40	10/28/24 16:33	1
2,4,5-Trichlorophenol	ND		180	39	ug/Kg	☼	10/24/24 09:40	10/28/24 16:33	1
2,4,6-Trichlorophenol	ND		180	35	ug/Kg	☼	10/24/24 09:40	10/28/24 16:33	1
2,4-Dichlorophenol	ND		180	32	ug/Kg	☼	10/24/24 09:40	10/28/24 16:33	1
2,4-Dimethylphenol	ND		180	43	ug/Kg	☼	10/24/24 09:40	10/28/24 16:33	1
2,4-Dinitrophenol	ND		390	200	ug/Kg	☼	10/24/24 09:40	10/28/24 16:33	1
2,4-Dinitrotoluene	ND		240	27	ug/Kg	☼	10/24/24 09:40	10/28/24 16:33	1
2,6-Dinitrotoluene	ND		240	43	ug/Kg	☼	10/24/24 09:40	10/28/24 16:33	1
2-Chloronaphthalene	ND		120	33	ug/Kg	☼	10/24/24 09:40	10/28/24 16:33	1
2-Chlorophenol	ND		120	31	ug/Kg	☼	10/24/24 09:40	10/28/24 16:33	1
2-Methylnaphthalene	**16**	**J**	48	15	ug/Kg	☼	10/24/24 09:40	10/28/24 16:33	1
2-Methylphenol	ND		240	49	ug/Kg	☼	10/24/24 09:40	10/28/24 16:33	1
2-Nitroaniline	ND		240	45	ug/Kg	☼	10/24/24 09:40	10/28/24 16:33	1
2-Nitrophenol	ND		120	42	ug/Kg	☼	10/24/24 09:40	10/28/24 16:33	1
3,3'-Dichlorobenzidine	ND		180	110	ug/Kg	☼	10/24/24 09:40	10/28/24 16:33	1
3-Nitroaniline	ND		240	42	ug/Kg	☼	10/24/24 09:40	10/28/24 16:33	1
4,6-Dinitro-2-methylphenol	ND		390	120	ug/Kg	☼	10/24/24 09:40	10/28/24 16:33	1
4-Bromophenyl phenyl ether	ND		120	38	ug/Kg	☼	10/24/24 09:40	10/28/24 16:33	1
4-Chloro-3-methylphenol	ND		180	45	ug/Kg	☼	10/24/24 09:40	10/28/24 16:33	1
4-Chloroaniline	ND		180	19	ug/Kg	☼	10/24/24 09:40	10/28/24 16:33	1
4-Chlorophenyl phenyl ether	ND		120	33	ug/Kg	☼	10/24/24 09:40	10/28/24 16:33	1
4-Nitroaniline	ND		240	31	ug/Kg	☼	10/24/24 09:40	10/28/24 16:33	1
4-Nitrophenol	ND		390	110	ug/Kg	☼	10/24/24 09:40	10/28/24 16:33	1
Acenaphthene	ND		48	17	ug/Kg	☼	10/24/24 09:40	10/28/24 16:33	1
Acenaphthylene	ND		48	18	ug/Kg	☼	10/24/24 09:40	10/28/24 16:33	1
Acetophenone	ND		120	30	ug/Kg	☼	10/24/24 09:40	10/28/24 16:33	1
Anthracene	ND		48	14	ug/Kg	☼	10/24/24 09:40	10/28/24 16:33	1
Atrazine	ND		390	82	ug/Kg	☼	10/24/24 09:40	10/28/24 16:33	1
Benzaldehyde	ND		390	67	ug/Kg	☼	10/24/24 09:40	10/28/24 16:33	1
Benzo[a]anthracene	**35**	**J**	48	18	ug/Kg	☼	10/24/24 09:40	10/28/24 16:33	1
Benzo[a]pyrene	**36**	**J**	48	17	ug/Kg	☼	10/24/24 09:40	10/28/24 16:33	1
Benzo[b]fluoranthene	**56**		48	14	ug/Kg	☼	10/24/24 09:40	10/28/24 16:33	1
Benzo[g,h,i]perylene	ND		48	32	ug/Kg	☼	10/24/24 09:40	10/28/24 16:33	1
Benzo[k]fluoranthene	**17**	**J**	48	12	ug/Kg	☼	10/24/24 09:40	10/28/24 16:33	1
Bis(2-chloroethoxy)methane	ND		120	24	ug/Kg	☼	10/24/24 09:40	10/28/24 16:33	1
Bis(2-chloroethyl)ether	ND		120	26	ug/Kg	☼	10/24/24 09:40	10/28/24 16:33	1
Bis(2-ethylhexyl) phthalate	ND		180	67	ug/Kg	☼	10/24/24 09:40	10/28/24 16:33	1
Butyl benzyl phthalate	ND		180	61	ug/Kg	☼	10/24/24 09:40	10/28/24 16:33	1
Caprolactam	ND		390	82	ug/Kg	☼	10/24/24 09:40	10/28/24 16:33	1
Carbazole	ND		120	32	ug/Kg	☼	10/24/24 09:40	10/28/24 16:33	1
Chrysene	**42**	**J**	48	17	ug/Kg	☼	10/24/24 09:40	10/28/24 16:33	1
Dibenz(a,h)anthracene	ND		48	18	ug/Kg	☼	10/24/24 09:40	10/28/24 16:33	1

Client Sample ID: SB-14-6-8
Date Collected: 10/21/24 13:20
Date Received: 10/22/24 16:10

Lab Sample ID: 240-213548-7
Matrix: Solid
Percent Solids: 84.7

Method: SW846 8270E - Semivolatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Dibenzofuran	ND		120	35	ug/Kg	☼	10/24/24 09:40	10/28/24 16:33	1
Diethyl phthalate	ND		180	51	ug/Kg	☼	10/24/24 09:40	10/28/24 16:33	1
Dimethyl phthalate	ND		180	48	ug/Kg	☼	10/24/24 09:40	10/28/24 16:33	1
Di-n-butyl phthalate	ND		180	61	ug/Kg	☼	10/24/24 09:40	10/28/24 16:33	1
Di-n-octyl phthalate	ND		180	60	ug/Kg	☼	10/24/24 09:40	10/28/24 16:33	1
Fluoranthene	**95**		48	17	ug/Kg	☼	10/24/24 09:40	10/28/24 16:33	1
Fluorene	ND		48	17	ug/Kg	☼	10/24/24 09:40	10/28/24 16:33	1
Hexachlorobenzene	ND		48	17	ug/Kg	☼	10/24/24 09:40	10/28/24 16:33	1
Hexachlorobutadiene	ND		120	25	ug/Kg	☼	10/24/24 09:40	10/28/24 16:33	1
Hexachlorocyclopentadiene	ND		390	46	ug/Kg	☼	10/24/24 09:40	10/28/24 16:33	1
Hexachloroethane	ND		120	38	ug/Kg	☼	10/24/24 09:40	10/28/24 16:33	1
Indeno[1,2,3-cd]pyrene	**23**	**J**	48	14	ug/Kg	☼	10/24/24 09:40	10/28/24 16:33	1
Isophorone	ND		120	31	ug/Kg	☼	10/24/24 09:40	10/28/24 16:33	1
N-Nitrosodi-n-propylamine	ND		120	44	ug/Kg	☼	10/24/24 09:40	10/28/24 16:33	1
N-Nitrosodiphenylamine	ND		120	32	ug/Kg	☼	10/24/24 09:40	10/28/24 16:33	1
Naphthalene	**15**	**J**	48	15	ug/Kg	☼	10/24/24 09:40	10/28/24 16:33	1
Nitrobenzene	ND		120	26	ug/Kg	☼	10/24/24 09:40	10/28/24 16:33	1
Pentachlorophenol	ND		320	130	ug/Kg	☼	10/24/24 09:40	10/28/24 16:33	1
Phenanthrene	**42**	**J**	48	15	ug/Kg	☼	10/24/24 09:40	10/28/24 16:33	1
Phenol	ND		120	45	ug/Kg	☼	10/24/24 09:40	10/28/24 16:33	1
Pyrene	**72**		48	19	ug/Kg	☼	10/24/24 09:40	10/28/24 16:33	1
3 & 4 Methylphenol	ND		480	49	ug/Kg	☼	10/24/24 09:40	10/28/24 16:33	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Terphenyl-d14 (Surr)	*67*		*37 - 120*	*10/24/24 09:40*	*10/28/24 16:33*	*1*
Phenol-d5 (Surr)	*68*		*29 - 120*	*10/24/24 09:40*	*10/28/24 16:33*	*1*
Nitrobenzene-d5 (Surr)	*57*		*28 - 120*	*10/24/24 09:40*	*10/28/24 16:33*	*1*
2-Fluorophenol (Surr)	*67*		*26 - 120*	*10/24/24 09:40*	*10/28/24 16:33*	*1*
2-Fluorobiphenyl (Surr)	*63*		*36 - 120*	*10/24/24 09:40*	*10/28/24 16:33*	*1*
2,4,6-Tribromophenol (Surr)	*65*		*10 - 120*	*10/24/24 09:40*	*10/28/24 16:33*	*1*

Method: SW846 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aroclor-1016	ND		58	29	ug/Kg	☼	10/25/24 10:51	10/28/24 12:23	1
Aroclor-1221	ND		58	35	ug/Kg	☼	10/25/24 10:51	10/28/24 12:23	1
Aroclor-1232	ND		58	24	ug/Kg	☼	10/25/24 10:51	10/28/24 12:23	1
Aroclor-1242	ND		58	22	ug/Kg	☼	10/25/24 10:51	10/28/24 12:23	1
Aroclor-1248	ND		58	20	ug/Kg	☼	10/25/24 10:51	10/28/24 12:23	1
Aroclor-1254	ND		58	24	ug/Kg	☼	10/25/24 10:51	10/28/24 12:23	1
Aroclor-1260	ND		58	24	ug/Kg	☼	10/25/24 10:51	10/28/24 12:23	1
Aroclor-1262	ND		58	25	ug/Kg	☼	10/25/24 10:51	10/28/24 12:23	1
Aroclor-1268	ND		58	18	ug/Kg	☼	10/25/24 10:51	10/28/24 12:23	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Tetrachloro-m-xylene	*80*		*10 - 149*	*10/25/24 10:51*	*10/28/24 12:23*	*1*
DCB Decachlorobiphenyl	*89*		*10 - 174*	*10/25/24 10:51*	*10/28/24 12:23*	*1*

Method: SW846 6010D - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	**17**		1.4	0.30	mg/Kg	☼	10/24/24 15:00	10/26/24 03:08	1

Client: August Mack Environmental, Inc.
Project/Site: MSC Canfield - Soil/Surface Water

Job ID: 240-213548-1

Client Sample ID: SB-14-6-8
Date Collected: 10/21/24 13:20
Date Received: 10/22/24 16:10

Lab Sample ID: 240-213548-7
Matrix: Solid
Percent Solids: 84.7

Method: SW846 6010D - Metals (ICP) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Barium	48		19	0.12	mg/Kg	☼	10/24/24 15:00	10/26/24 03:08	1
Cadmium	0.054	J	0.48	0.046	mg/Kg	☼	10/24/24 15:00	10/26/24 03:08	1
Chromium	19		0.96	0.33	mg/Kg	☼	10/24/24 15:00	10/26/24 03:08	1
Copper	19		2.4	0.67	mg/Kg	☼	10/24/24 15:00	10/26/24 03:08	1
Lead	16		0.96	0.27	mg/Kg	☼	10/24/24 15:00	10/26/24 03:08	1
Selenium	ND		1.9	0.45	mg/Kg	☼	10/24/24 15:00	10/26/24 03:08	1
Silver	ND		0.96	0.078	mg/Kg	☼	10/24/24 15:00	10/26/24 03:08	1
Zinc	110		4.8	3.5	mg/Kg	☼	10/24/24 15:00	10/26/24 03:08	1

Method: SW846 7471B - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	ND		0.11	0.020	mg/Kg	☼	10/24/24 15:00	10/25/24 09:52	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cr (VI) (SW846 7196A)	0.20	J	0.48	0.16	mg/Kg	☼	11/04/24 11:48	11/04/24 21:15	1
Cyanide, Total (SW846 9012B)	1.0		0.57	0.45	mg/Kg	☼	11/01/24 15:14	11/01/24 17:51	1

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Solids (EPA Moisture)	84.7		0.1	0.1	%			10/23/24 15:51	1
Percent Moisture (EPA Moisture)	15.3		0.1	0.1	%			10/23/24 15:51	1

General Chemistry - ASTM Leach

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cyanide, Free (OI CORP OIA-1677)	ND		0.0060	0.0050	mg/L			11/06/24 12:52	1

Client: August Mack Environmental, Inc.
Project/Site: MSC Canfield - Soil/Surface Water

Job ID: 240-213548-1

Client Sample ID: TB-14-20241021
Date Collected: 10/21/24 00:00
Date Received: 10/22/24 16:10

Lab Sample ID: 240-213548-8
Matrix: Water

Method: SW846 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		1.0	0.48	ug/L			10/31/24 20:11	1
1,1,2,2-Tetrachloroethane	ND		1.0	0.60	ug/L			10/31/24 20:11	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		1.0	0.41	ug/L			10/31/24 20:11	1
1,1,2-Trichloroethane	ND		1.0	0.48	ug/L			10/31/24 20:11	1
1,1-Dichloroethane	ND		1.0	0.47	ug/L			10/31/24 20:11	1
1,1-Dichloroethene	ND		1.0	0.49	ug/L			10/31/24 20:11	1
1,2,4-Trichlorobenzene	ND		1.0	0.77	ug/L			10/31/24 20:11	1
1,2-Dibromo-3-Chloropropane	ND		2.0	0.91	ug/L			10/31/24 20:11	1
Ethylene Dibromide	ND		1.0	0.41	ug/L			10/31/24 20:11	1
1,2-Dichlorobenzene	ND		1.0	0.48	ug/L			10/31/24 20:11	1
1,2-Dichloroethane	ND		1.0	0.46	ug/L			10/31/24 20:11	1
1,2-Dichloropropane	ND		1.0	0.47	ug/L			10/31/24 20:11	1
1,3-Dichlorobenzene	ND		1.0	0.45	ug/L			10/31/24 20:11	1
1,4-Dichlorobenzene	ND		1.0	0.41	ug/L			10/31/24 20:11	1
2-Butanone (MEK)	ND		10	1.2	ug/L			10/31/24 20:11	1
2-Hexanone	ND		10	1.1	ug/L			10/31/24 20:11	1
4-Methyl-2-pentanone (MIBK)	ND		10	0.99	ug/L			10/31/24 20:11	1
Acetone	ND		10	5.4	ug/L			10/31/24 20:11	1
Benzene	ND		1.0	0.42	ug/L			10/31/24 20:11	1
Dichlorobromomethane	ND		1.0	0.38	ug/L			10/31/24 20:11	1
Bromoform	ND		1.0	0.76	ug/L			10/31/24 20:11	1
Bromomethane	ND		1.0	0.42	ug/L			10/31/24 20:11	1
Carbon disulfide	ND		1.0	0.59	ug/L			10/31/24 20:11	1
Carbon tetrachloride	ND		1.0	0.26	ug/L			10/31/24 20:11	1
Chlorobenzene	ND		1.0	0.38	ug/L			10/31/24 20:11	1
Chloroethane	ND		1.0	0.83	ug/L			10/31/24 20:11	1
Chloroform	ND		1.0	0.47	ug/L			10/31/24 20:11	1
Chloromethane	ND		1.0	0.63	ug/L			10/31/24 20:11	1
cis-1,2-Dichloroethene	ND		1.0	0.46	ug/L			10/31/24 20:11	1
cis-1,3-Dichloropropene	ND		1.0	0.61	ug/L			10/31/24 20:11	1
Cyclohexane	ND		1.0	0.48	ug/L			10/31/24 20:11	1
Chlorodibromomethane	ND		1.0	0.39	ug/L			10/31/24 20:11	1
Dichlorodifluoromethane	ND		1.0	0.35	ug/L			10/31/24 20:11	1
Ethylbenzene	ND		1.0	0.42	ug/L			10/31/24 20:11	1
Isopropylbenzene	ND		1.0	0.49	ug/L			10/31/24 20:11	1
Methyl acetate	ND		10	1.7	ug/L			10/31/24 20:11	1
Methyl tert-butyl ether	ND		1.0	0.47	ug/L			10/31/24 20:11	1
Methylcyclohexane	ND		1.0	0.33	ug/L			10/31/24 20:11	1
Methylene Chloride	ND		5.0	2.6	ug/L			10/31/24 20:11	1
Styrene	ND		1.0	0.45	ug/L			10/31/24 20:11	1
Tetrachloroethene	ND		1.0	0.44	ug/L			10/31/24 20:11	1
Toluene	ND		1.0	0.44	ug/L			10/31/24 20:11	1
trans-1,2-Dichloroethene	ND		1.0	0.51	ug/L			10/31/24 20:11	1
trans-1,3-Dichloropropene	ND		1.0	0.67	ug/L			10/31/24 20:11	1
Trichloroethene	ND		1.0	0.44	ug/L			10/31/24 20:11	1
Trichlorofluoromethane	ND		1.0	0.45	ug/L			10/31/24 20:11	1
Vinyl chloride	ND		1.0	0.45	ug/L			10/31/24 20:11	1
Xylenes, Total	ND		2.0	0.42	ug/L			10/31/24 20:11	1

Client: August Mack Environmental, Inc.
Project/Site: MSC Canfield - Soil/Surface Water

Job ID: 240-213548-1

Client Sample ID: TB-14-20241021
Date Collected: 10/21/24 00:00
Date Received: 10/22/24 16:10

Lab Sample ID: 240-213548-8
Matrix: Water

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
Toluene-d8 (Surr)	93		78 - 122		10/31/24 20:11	1
Dibromofluoromethane (Surr)	88		73 - 120		10/31/24 20:11	1
4-Bromofluorobenzene (Surr)	90		56 - 136		10/31/24 20:11	1
1,2-Dichloroethane-d4 (Surr)	95		62 - 137		10/31/24 20:11	1

Surrogate Summary

Client: August Mack Environmental, Inc.
Project/Site: MSC Canfield - Soil/Surface Water

Job ID: 240-213548-1

Method: 8260D - Volatile Organic Compounds by GC/MS

Matrix: Solid

Prep Type: Total/NA

		Percent Surrogate Recovery (Acceptance Limits)			
		TOL	DBFM	BFB	DCA
Lab Sample ID	Client Sample ID	(56-125)	(41-138)	(41-143)	(58-125)
240-213548-1	SB-14-12-14	102	102	92	103
240-213548-1 MS	SB-14-12-14	104	103	98	100
240-213548-1 MSD	SB-14-12-14	98	99	94	97
240-213548-2	SB-14-18-20	100	99	90	100
240-213548-3	SB-12-14-16	102	99	93	99
240-213548-4	SB-DUP-4	104	102	95	101
240-213548-5	SB-12-18-20	105	100	101	102
240-213548-6	SB-12-6-8	102	99	93	99
240-213548-7	SB-14-6-8	100	102	88	101
LCS 240-632400/6	Lab Control Sample	100	100	93	99
MB 240-632400/8	Method Blank	99	101	90	101

Surrogate Legend

TOL = Toluene-d8 (Surr)
DBFM = Dibromofluoromethane (Surr)
BFB = 4-Bromofluorobenzene (Surr)
DCA = 1,2-Dichloroethane-d4 (Surr)

Method: 8260D - Volatile Organic Compounds by GC/MS

Matrix: Water

Prep Type: Total/NA

		Percent Surrogate Recovery (Acceptance Limits)			
		TOL	DBFM	BFB	DCA
Lab Sample ID	Client Sample ID	(78-122)	(73-120)	(56-136)	(62-137)
240-213548-8	TB-14-20241021	93	88	90	95
LCS 240-633325/4	Lab Control Sample	95	86	95	85
MB 240-633325/7	Method Blank	94	88	93	91

Surrogate Legend

TOL = Toluene-d8 (Surr)
DBFM = Dibromofluoromethane (Surr)
BFB = 4-Bromofluorobenzene (Surr)
DCA = 1,2-Dichloroethane-d4 (Surr)

Method: 8270E - Semivolatile Organic Compounds (GC/MS)

Matrix: Solid

Prep Type: Total/NA

		Percent Surrogate Recovery (Acceptance Limits)					
		TPHL	PHL	NBZ	2FP	FBP	TBP
Lab Sample ID	Client Sample ID	(37-120)	(29-120)	(28-120)	(26-120)	(36-120)	(10-120)
240-213548-1	SB-14-12-14	75	64	56	62	60	70
240-213548-1 MS	SB-14-12-14	78	72	63	71	62	72
240-213548-1 MSD	SB-14-12-14	75	69	66	72	68	75
240-213548-2	SB-14-18-20	68	60	51	60	57	44
240-213548-3	SB-12-14-16	63	60	52	60	57	30
240-213548-4	SB-DUP-4	65	62	21 S1-	61	61	75
240-213548-5	SB-12-18-20	57	54	48	57	53	26
240-213548-6	SB-12-6-8	63	60	51	61	58	38
240-213548-7	SB-14-6-8	67	68	57	67	63	65
LCS 240-632253/2-A	Lab Control Sample	59	59	56	59	58	68
LCS 240-633291/2-A	Lab Control Sample	72	71	65	72	70	81

Method: 8270E - Semivolatile Organic Compounds (GC/MS) (Continued)

Matrix: Solid **Prep Type: Total/NA**

		Percent Surrogate Recovery (Acceptance Limits)					
		TPHL	PHL	NBZ	2FP	FBP	TBP
Lab Sample ID	Client Sample ID	(37-120)	(29-120)	(28-120)	(26-120)	(36-120)	(10-120)
MB 240-632253/1-A	Method Blank	64	64	53	65	59	62
MB 240-633291/1-A	Method Blank	77	79	67	78	76	69

Surrogate Legend

TPHL = Terphenyl-d14 (Surr)
PHL = Phenol-d5 (Surr)
NBZ = Nitrobenzene-d5 (Surr)
2FP = 2-Fluorophenol (Surr)
FBP = 2-Fluorobiphenyl (Surr)
TBP = 2,4,6-Tribromophenol (Surr)

Method: 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Matrix: Solid **Prep Type: Total/NA**

		Percent Surrogate Recovery (Acceptance Limits)	
		TCX1	DCBP1
Lab Sample ID	Client Sample ID	(10-149)	(10-174)
240-213548-1	SB-14-12-14	77	86
240-213548-1 MS	SB-14-12-14	77	89
240-213548-1 MSD	SB-14-12-14	71	82
240-213548-2	SB-14-18-20	81	85
240-213548-3	SB-12-14-16	79	85
240-213548-4	SB-DUP-4	80	90
240-213548-5	SB-12-18-20	83	88
240-213548-6	SB-12-6-8	81	89
240-213548-7	SB-14-6-8	80	89
LCS 240-632500/2-A	Lab Control Sample	81	92
MB 240-632500/1-A	Method Blank	90	96

Surrogate Legend

TCX = Tetrachloro-m-xylene
DCBP = DCB Decachlorobiphenyl

Method: 8260D - Volatile Organic Compounds by GC/MS

Lab Sample ID: MB 240-632400/8
Matrix: Solid
Analysis Batch: 632400

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		5.0	1.8	ug/Kg			10/25/24 12:11	1
1,1,2,2-Tetrachloroethane	ND		5.0	1.4	ug/Kg			10/25/24 12:11	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		5.0	1.3	ug/Kg			10/25/24 12:11	1
1,1,2-Trichloroethane	ND		5.0	1.1	ug/Kg			10/25/24 12:11	1
1,1-Dichloroethane	ND		5.0	1.4	ug/Kg			10/25/24 12:11	1
1,1-Dichloroethene	ND		5.0	1.8	ug/Kg			10/25/24 12:11	1
1,2,4-Trichlorobenzene	ND		5.0	2.5	ug/Kg			10/25/24 12:11	1
1,2-Dibromo-3-Chloropropane	ND		10	3.6	ug/Kg			10/25/24 12:11	1
Ethylene Dibromide	ND		5.0	1.7	ug/Kg			10/25/24 12:11	1
1,2-Dichlorobenzene	ND		5.0	1.1	ug/Kg			10/25/24 12:11	1
1,2-Dichloroethane	ND		5.0	1.8	ug/Kg			10/25/24 12:11	1
1,2-Dichloropropane	ND		5.0	0.85	ug/Kg			10/25/24 12:11	1
1,3-Dichlorobenzene	ND		5.0	1.6	ug/Kg			10/25/24 12:11	1
1,4-Dichlorobenzene	ND		5.0	0.88	ug/Kg			10/25/24 12:11	1
2-Butanone (MEK)	ND		20	3.6	ug/Kg			10/25/24 12:11	1
2-Hexanone	ND		20	4.1	ug/Kg			10/25/24 12:11	1
4-Methyl-2-pentanone (MIBK)	ND		20	3.7	ug/Kg			10/25/24 12:11	1
Acetone	ND		25	21	ug/Kg			10/25/24 12:11	1
Benzene	ND		5.0	1.5	ug/Kg			10/25/24 12:11	1
Dichlorobromomethane	ND		5.0	1.5	ug/Kg			10/25/24 12:11	1
Bromoform	ND		5.0	2.4	ug/Kg			10/25/24 12:11	1
Bromomethane	ND		5.0	4.2	ug/Kg			10/25/24 12:11	1
Carbon disulfide	ND		5.0	1.2	ug/Kg			10/25/24 12:11	1
Carbon tetrachloride	ND		5.0	3.3	ug/Kg			10/25/24 12:11	1
Chlorobenzene	ND		5.0	0.92	ug/Kg			10/25/24 12:11	1
Chloroethane	ND		5.0	2.7	ug/Kg			10/25/24 12:11	1
Chloroform	ND		5.0	1.8	ug/Kg			10/25/24 12:11	1
Chloromethane	ND		5.0	2.3	ug/Kg			10/25/24 12:11	1
cis-1,2-Dichloroethene	ND		5.0	1.5	ug/Kg			10/25/24 12:11	1
cis-1,3-Dichloropropene	ND		5.0	2.9	ug/Kg			10/25/24 12:11	1
Cyclohexane	ND		10	1.4	ug/Kg			10/25/24 12:11	1
Chlorodibromomethane	ND		5.0	2.8	ug/Kg			10/25/24 12:11	1
Dichlorodifluoromethane	ND		5.0	2.3	ug/Kg			10/25/24 12:11	1
Ethylbenzene	ND		5.0	1.0	ug/Kg			10/25/24 12:11	1
Isopropylbenzene	ND		5.0	1.9	ug/Kg			10/25/24 12:11	1
Methyl acetate	ND		25	3.4	ug/Kg			10/25/24 12:11	1
Methyl tert-butyl ether	ND		5.0	2.0	ug/Kg			10/25/24 12:11	1
Methylcyclohexane	ND		10	1.2	ug/Kg			10/25/24 12:11	1
Methylene Chloride	ND		25	12	ug/Kg			10/25/24 12:11	1
Styrene	ND		5.0	1.2	ug/Kg			10/25/24 12:11	1
Tetrachloroethene	ND		5.0	1.9	ug/Kg			10/25/24 12:11	1
Toluene	ND		5.0	0.77	ug/Kg			10/25/24 12:11	1
trans-1,2-Dichloroethene	ND		5.0	1.4	ug/Kg			10/25/24 12:11	1
trans-1,3-Dichloropropene	ND		5.0	1.8	ug/Kg			10/25/24 12:11	1
Trichloroethene	ND		5.0	1.4	ug/Kg			10/25/24 12:11	1
Trichlorofluoromethane	ND		5.0	2.7	ug/Kg			10/25/24 12:11	1
Vinyl chloride	ND		5.0	1.8	ug/Kg			10/25/24 12:11	1
Xylenes, Total	ND		10	1.6	ug/Kg			10/25/24 12:11	1

Method: 8260D - Volatile Organic Compounds by GC/MS (Continued)

Lab Sample ID: MB 240-632400/8
Matrix: Solid
Analysis Batch: 632400

Client Sample ID: Method Blank
Prep Type: Total/NA

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
Toluene-d8 (Surr)	*99*		*56 - 125*		*10/25/24 12:11*	*1*
Dibromofluoromethane (Surr)	*101*		*41 - 138*		*10/25/24 12:11*	*1*
4-Bromofluorobenzene (Surr)	*90*		*41 - 143*		*10/25/24 12:11*	*1*
1,2-Dichloroethane-d4 (Surr)	*101*		*58 - 125*		*10/25/24 12:11*	*1*

Lab Sample ID: LCS 240-632400/6
Matrix: Solid
Analysis Batch: 632400

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
1,1,1-Trichloroethane	50.0	48.1		ug/Kg		96	74 - 136
1,1,2,2-Tetrachloroethane	50.0	45.0		ug/Kg		90	66 - 129
1,1,2-Trichloro-1,2,2-trifluoroethane	50.0	54.0		ug/Kg		108	64 - 148
1,1,2-Trichloroethane	50.0	46.2		ug/Kg		92	79 - 120
1,1-Dichloroethane	50.0	43.2		ug/Kg		86	74 - 121
1,1-Dichloroethene	50.0	49.4		ug/Kg		99	68 - 141
1,2,4-Trichlorobenzene	50.0	51.2		ug/Kg		102	58 - 132
1,2-Dibromo-3-Chloropropane	50.0	52.6		ug/Kg		105	52 - 133
Ethylene Dibromide	50.0	45.8		ug/Kg		92	80 - 121
1,2-Dichlorobenzene	50.0	48.8		ug/Kg		98	73 - 120
1,2-Dichloroethane	50.0	41.8		ug/Kg		84	71 - 123
1,2-Dichloropropane	50.0	42.5		ug/Kg		85	76 - 126
1,3-Dichlorobenzene	50.0	45.2		ug/Kg		90	73 - 120
1,4-Dichlorobenzene	50.0	44.9		ug/Kg		90	74 - 120
2-Butanone (MEK)	100	91.9		ug/Kg		92	63 - 142
2-Hexanone	100	79.7		ug/Kg		80	65 - 142
4-Methyl-2-pentanone (MIBK)	100	95.6		ug/Kg		96	62 - 142
Acetone	100	124		ug/Kg		124	58 - 160
Benzene	50.0	42.6		ug/Kg		85	76 - 121
Dichlorobromomethane	50.0	44.2		ug/Kg		88	71 - 138
Bromoform	50.0	46.0		ug/Kg		92	57 - 140
Bromomethane	50.0	64.0		ug/Kg		128	10 - 171
Carbon disulfide	50.0	49.6		ug/Kg		99	43 - 152
Carbon tetrachloride	50.0	46.7		ug/Kg		93	64 - 144
Chlorobenzene	50.0	45.0		ug/Kg		90	80 - 120
Chloroethane	50.0	55.2		ug/Kg		110	11 - 164
Chloroform	50.0	43.3		ug/Kg		87	78 - 120
Chloromethane	50.0	52.8		ug/Kg		106	41 - 142
cis-1,2-Dichloroethene	50.0	44.5		ug/Kg		89	78 - 124
cis-1,3-Dichloropropene	50.0	38.4		ug/Kg		77	70 - 133
Cyclohexane	50.0	47.0		ug/Kg		94	65 - 137
Chlorodibromomethane	50.0	45.8		ug/Kg		92	68 - 131
Dichlorodifluoromethane	50.0	49.2		ug/Kg		98	21 - 150
Ethylbenzene	50.0	44.3		ug/Kg		89	80 - 120
Isopropylbenzene	50.0	54.0		ug/Kg		108	80 - 130
Methyl acetate	100	86.3		ug/Kg		86	60 - 133
Methyl tert-butyl ether	50.0	43.7		ug/Kg		87	70 - 130
Methylcyclohexane	50.0	44.8		ug/Kg		90	70 - 138

Method: 8260D - Volatile Organic Compounds by GC/MS (Continued)

Lab Sample ID: LCS 240-632400/6
Matrix: Solid
Analysis Batch: 632400

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Methylene Chloride	50.0	63.7	*+	ug/Kg		127	71 - 124
Styrene	50.0	44.3		ug/Kg		89	75 - 140
Tetrachloroethene	50.0	45.7		ug/Kg		91	76 - 127
Toluene	50.0	43.8		ug/Kg		88	80 - 120
trans-1,2-Dichloroethene	50.0	45.8		ug/Kg		92	76 - 130
trans-1,3-Dichloropropene	50.0	43.5		ug/Kg		87	61 - 121
Trichloroethene	50.0	46.1		ug/Kg		92	74 - 130
Trichlorofluoromethane	50.0	56.8		ug/Kg		114	50 - 154
Vinyl chloride	50.0	62.1		ug/Kg		124	49 - 146
Xylenes, Total	100	91.3		ug/Kg		91	80 - 122
m-Xylene & p-Xylene	50.0	44.1		ug/Kg		88	80 - 122
o-Xylene	50.0	47.2		ug/Kg		94	80 - 124

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
Toluene-d8 (Surr)	*100*		*56 - 125*
Dibromofluoromethane (Surr)	*100*		*41 - 138*
4-Bromofluorobenzene (Surr)	*93*		*41 - 143*
1,2-Dichloroethane-d4 (Surr)	*99*		*58 - 125*

Lab Sample ID: 240-213548-1 MS
Matrix: Solid
Analysis Batch: 632400

Client Sample ID: SB-14-12-14
Prep Type: Total/NA
Prep Batch: 632517

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
1,1,1-Trichloroethane	ND		54.7	49.5		ug/Kg	☼	90	46 - 144
1,1,2,2-Tetrachloroethane	ND		54.7	45.6		ug/Kg	☼	83	26 - 159
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		54.7	61.3		ug/Kg	☼	112	35 - 164
1,1,2-Trichloroethane	ND		54.7	46.5		ug/Kg	☼	85	26 - 149
1,1-Dichloroethane	ND		54.7	46.3		ug/Kg	☼	85	46 - 135
1,1-Dichloroethene	ND		54.7	56.5		ug/Kg	☼	103	44 - 160
1,2,4-Trichlorobenzene	ND		54.7	22.8		ug/Kg	☼	42	10 - 120
1,2-Dibromo-3-Chloropropane	ND		54.7	42.5		ug/Kg	☼	78	12 - 144
Ethylene Dibromide	ND		54.7	44.4		ug/Kg	☼	81	31 - 142
1,2-Dichlorobenzene	ND		54.7	30.6		ug/Kg	☼	56	10 - 126
1,2-Dichloroethane	ND		54.7	43.6		ug/Kg	☼	80	40 - 132
1,2-Dichloropropane	ND		54.7	43.3		ug/Kg	☼	79	45 - 133
1,3-Dichlorobenzene	ND		54.7	27.0		ug/Kg	☼	49	10 - 131
1,4-Dichlorobenzene	ND		54.7	26.2		ug/Kg	☼	48	10 - 129
2-Butanone (MEK)	ND		109	92.6		ug/Kg	☼	85	30 - 157
2-Hexanone	ND		109	79.8		ug/Kg	☼	73	20 - 166
4-Methyl-2-pentanone (MIBK)	ND		109	98.0		ug/Kg	☼	90	31 - 159
Acetone	ND		109	120		ug/Kg	☼	110	35 - 167
Benzene	ND		54.7	43.5		ug/Kg	☼	79	39 - 134
Dichlorobromomethane	ND		54.7	42.5		ug/Kg	☼	78	32 - 146
Bromoform	ND		54.7	38.7		ug/Kg	☼	71	12 - 144
Bromomethane	ND		54.7	64.3		ug/Kg	☼	118	10 - 161
Carbon disulfide	ND		54.7	50.4		ug/Kg	☼	92	24 - 153
Carbon tetrachloride	ND		54.7	45.9		ug/Kg	☼	84	37 - 145

Method: 8260D - Volatile Organic Compounds by GC/MS (Continued)

Lab Sample ID: 240-213548-1 MS
Matrix: Solid
Analysis Batch: 632400

Client Sample ID: SB-14-12-14
Prep Type: Total/NA
Prep Batch: 632517

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Chlorobenzene	ND		54.7	36.3		ug/Kg	☼	66	18 - 134
Chloroethane	ND		54.7	57.1		ug/Kg	☼	104	14 - 159
Chloroform	ND		54.7	45.4		ug/Kg	☼	83	43 - 134
Chloromethane	ND		54.7	55.7		ug/Kg	☼	102	32 - 151
cis-1,2-Dichloroethene	ND		54.7	46.4		ug/Kg	☼	85	48 - 132
cis-1,3-Dichloropropene	ND		54.7	35.7		ug/Kg	☼	65	23 - 139
Cyclohexane	ND		54.7	48.7		ug/Kg	☼	89	31 - 147
Chlorodibromomethane	ND		54.7	41.1		ug/Kg	☼	75	25 - 143
Dichlorodifluoromethane	ND		54.7	54.8		ug/Kg	☼	100	16 - 157
Ethylbenzene	ND		54.7	34.9		ug/Kg	☼	64	17 - 137
Isopropylbenzene	ND		54.7	38.5		ug/Kg	☼	70	10 - 146
Methyl acetate	ND		109	88.6		ug/Kg	☼	81	13 - 164
Methyl tert-butyl ether	ND		54.7	47.0		ug/Kg	☼	86	55 - 134
Methylcyclohexane	ND		54.7	43.9		ug/Kg	☼	80	20 - 153
Methylene Chloride	ND	*+	54.7	58.1		ug/Kg	☼	106	38 - 145
Styrene	ND		54.7	33.1		ug/Kg	☼	60	10 - 149
Tetrachloroethene	ND		54.7	38.9		ug/Kg	☼	71	19 - 147
Toluene	1.3	J	54.7	41.9		ug/Kg	☼	74	30 - 137
trans-1,2-Dichloroethene	ND		54.7	47.9		ug/Kg	☼	87	41 - 145
trans-1,3-Dichloropropene	ND		54.7	40.2		ug/Kg	☼	73	19 - 130
Trichloroethene	ND		54.7	42.7		ug/Kg	☼	78	21 - 158
Trichlorofluoromethane	ND		54.7	60.1		ug/Kg	☼	110	36 - 161
Vinyl chloride	ND		54.7	65.7		ug/Kg	☼	120	32 - 163
Xylenes, Total	ND		109	70.1		ug/Kg	☼	64	17 - 138
m-Xylene & p-Xylene	ND		54.7	33.1		ug/Kg	☼	60	10 - 141
o-Xylene	ND		54.7	37.0		ug/Kg	☼	68	18 - 139

Surrogate	*MS %Recovery*	*MS Qualifier*	*Limits*
Toluene-d8 (Surr)	*104*		*56 - 125*
Dibromofluoromethane (Surr)	*103*		*41 - 138*
4-Bromofluorobenzene (Surr)	*98*		*41 - 143*
1,2-Dichloroethane-d4 (Surr)	*100*		*58 - 125*

Lab Sample ID: 240-213548-1 MSD
Matrix: Solid
Analysis Batch: 632400

Client Sample ID: SB-14-12-14
Prep Type: Total/NA
Prep Batch: 632517

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
1,1,1-Trichloroethane	ND		53.3	50.9		ug/Kg	☼	95	46 - 144	3	37
1,1,2,2-Tetrachloroethane	ND		53.3	45.9		ug/Kg	☼	86	26 - 159	1	40
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		53.3	62.8		ug/Kg	☼	118	35 - 164	2	37
1,1,2-Trichloroethane	ND		53.3	45.7		ug/Kg	☼	86	26 - 149	2	40
1,1-Dichloroethane	ND		53.3	46.3		ug/Kg	☼	87	46 - 135	0	36
1,1-Dichloroethene	ND		53.3	56.9		ug/Kg	☼	107	44 - 160	1	37
1,2,4-Trichlorobenzene	ND		53.3	25.3		ug/Kg	☼	47	10 - 120	10	40
1,2-Dibromo-3-Chloropropane	ND		53.3	43.4		ug/Kg	☼	81	12 - 144	2	40
Ethylene Dibromide	ND		53.3	44.4		ug/Kg	☼	83	31 - 142	0	40
1,2-Dichlorobenzene	ND		53.3	32.7		ug/Kg	☼	61	10 - 126	7	40

Method: 8260D - Volatile Organic Compounds by GC/MS (Continued)

Lab Sample ID: 240-213548-1 MSD
Matrix: Solid
Analysis Batch: 632400

Client Sample ID: SB-14-12-14
Prep Type: Total/NA
Prep Batch: 632517

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
1,2-Dichloroethane	ND		53.3	43.3		ug/Kg	☼	81	40 - 132	1	35
1,2-Dichloropropane	ND		53.3	43.8		ug/Kg	☼	82	45 - 133	1	37
1,3-Dichlorobenzene	ND		53.3	29.2		ug/Kg	☼	55	10 - 131	8	40
1,4-Dichlorobenzene	ND		53.3	28.2		ug/Kg	☼	53	10 - 129	7	40
2-Butanone (MEK)	ND		107	90.0		ug/Kg	☼	84	30 - 157	3	40
2-Hexanone	ND		107	84.0		ug/Kg	☼	79	20 - 166	5	40
4-Methyl-2-pentanone (MIBK)	ND		107	98.1		ug/Kg	☼	92	31 - 159	0	40
Acetone	ND		107	128		ug/Kg	☼	120	35 - 167	6	40
Benzene	ND		53.3	44.1		ug/Kg	☼	83	39 - 134	1	40
Dichlorobromomethane	ND		53.3	42.9		ug/Kg	☼	80	32 - 146	1	39
Bromoform	ND		53.3	38.8		ug/Kg	☼	73	12 - 144	0	40
Bromomethane	ND		53.3	69.7		ug/Kg	☼	131	10 - 161	8	40
Carbon disulfide	ND		53.3	51.9		ug/Kg	☼	97	24 - 153	3	40
Carbon tetrachloride	ND		53.3	47.4		ug/Kg	☼	89	37 - 145	3	38
Chlorobenzene	ND		53.3	37.8		ug/Kg	☼	71	18 - 134	4	40
Chloroethane	ND		53.3	60.8		ug/Kg	☼	114	14 - 159	6	40
Chloroform	ND		53.3	45.7		ug/Kg	☼	86	43 - 134	1	36
Chloromethane	ND		53.3	57.8		ug/Kg	☼	108	32 - 151	4	38
cis-1,2-Dichloroethene	ND		53.3	46.1		ug/Kg	☼	87	48 - 132	1	37
cis-1,3-Dichloropropene	ND		53.3	36.1		ug/Kg	☼	68	23 - 139	1	39
Cyclohexane	ND		53.3	50.7		ug/Kg	☼	95	31 - 147	4	39
Chlorodibromomethane	ND		53.3	42.1		ug/Kg	☼	79	25 - 143	2	40
Dichlorodifluoromethane	ND		53.3	55.9		ug/Kg	☼	105	16 - 157	2	40
Ethylbenzene	ND		53.3	36.0		ug/Kg	☼	68	17 - 137	3	40
Isopropylbenzene	ND		53.3	40.3		ug/Kg	☼	76	10 - 146	5	40
Methyl acetate	ND		107	86.1		ug/Kg	☼	81	13 - 164	3	40
Methyl tert-butyl ether	ND		53.3	46.9		ug/Kg	☼	88	55 - 134	0	37
Methylcyclohexane	ND		53.3	47.2		ug/Kg	☼	89	20 - 153	7	40
Methylene Chloride	ND	*+	53.3	59.1		ug/Kg	☼	111	38 - 145	2	40
Styrene	ND		53.3	34.2		ug/Kg	☼	64	10 - 149	3	40
Tetrachloroethene	ND		53.3	41.1		ug/Kg	☼	77	19 - 147	6	40
Toluene	1.3	J	53.3	42.6		ug/Kg	☼	77	30 - 137	1	40
trans-1,2-Dichloroethene	ND		53.3	48.2		ug/Kg	☼	90	41 - 145	1	37
trans-1,3-Dichloropropene	ND		53.3	40.1		ug/Kg	☼	75	19 - 130	0	40
Trichloroethene	ND		53.3	43.7		ug/Kg	☼	82	21 - 158	2	40
Trichlorofluoromethane	ND		53.3	62.7		ug/Kg	☼	118	36 - 161	4	40
Vinyl chloride	ND		53.3	68.7		ug/Kg	☼	129	32 - 163	4	38
Xylenes, Total	ND		107	72.9		ug/Kg	☼	68	17 - 138	4	40
m-Xylene & p-Xylene	ND		53.3	34.5		ug/Kg	☼	65	10 - 141	4	40
o-Xylene	ND		53.3	38.4		ug/Kg	☼	72	18 - 139	4	40

Surrogate	*MSD %Recovery*	*MSD Qualifier*	*Limits*
Toluene-d8 (Surr)	*98*		*56 - 125*
Dibromofluoromethane (Surr)	*99*		*41 - 138*
4-Bromofluorobenzene (Surr)	*94*		*41 - 143*
1,2-Dichloroethane-d4 (Surr)	*97*		*58 - 125*

Method: 8260D - Volatile Organic Compounds by GC/MS (Continued)

Lab Sample ID: MB 240-633325/7
Matrix: Water
Analysis Batch: 633325

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		1.0	0.48	ug/L			10/31/24 12:29	1
1,1,2,2-Tetrachloroethane	ND		1.0	0.60	ug/L			10/31/24 12:29	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		1.0	0.41	ug/L			10/31/24 12:29	1
1,1,2-Trichloroethane	ND		1.0	0.48	ug/L			10/31/24 12:29	1
1,1-Dichloroethane	ND		1.0	0.47	ug/L			10/31/24 12:29	1
1,1-Dichloroethene	ND		1.0	0.49	ug/L			10/31/24 12:29	1
1,2,4-Trichlorobenzene	ND		1.0	0.77	ug/L			10/31/24 12:29	1
1,2-Dibromo-3-Chloropropane	ND		2.0	0.91	ug/L			10/31/24 12:29	1
Ethylene Dibromide	ND		1.0	0.41	ug/L			10/31/24 12:29	1
1,2-Dichlorobenzene	ND		1.0	0.48	ug/L			10/31/24 12:29	1
1,2-Dichloroethane	ND		1.0	0.46	ug/L			10/31/24 12:29	1
1,2-Dichloropropane	ND		1.0	0.47	ug/L			10/31/24 12:29	1
1,3-Dichlorobenzene	ND		1.0	0.45	ug/L			10/31/24 12:29	1
1,4-Dichlorobenzene	ND		1.0	0.41	ug/L			10/31/24 12:29	1
2-Butanone (MEK)	ND		10	1.2	ug/L			10/31/24 12:29	1
2-Hexanone	ND		10	1.1	ug/L			10/31/24 12:29	1
4-Methyl-2-pentanone (MIBK)	ND		10	0.99	ug/L			10/31/24 12:29	1
Acetone	ND		10	5.4	ug/L			10/31/24 12:29	1
Benzene	ND		1.0	0.42	ug/L			10/31/24 12:29	1
Dichlorobromomethane	ND		1.0	0.38	ug/L			10/31/24 12:29	1
Bromoform	ND		1.0	0.76	ug/L			10/31/24 12:29	1
Bromomethane	ND		1.0	0.42	ug/L			10/31/24 12:29	1
Carbon disulfide	ND		1.0	0.59	ug/L			10/31/24 12:29	1
Carbon tetrachloride	ND		1.0	0.26	ug/L			10/31/24 12:29	1
Chlorobenzene	ND		1.0	0.38	ug/L			10/31/24 12:29	1
Chloroethane	ND		1.0	0.83	ug/L			10/31/24 12:29	1
Chloroform	ND		1.0	0.47	ug/L			10/31/24 12:29	1
Chloromethane	ND		1.0	0.63	ug/L			10/31/24 12:29	1
cis-1,2-Dichloroethene	ND		1.0	0.46	ug/L			10/31/24 12:29	1
cis-1,3-Dichloropropene	ND		1.0	0.61	ug/L			10/31/24 12:29	1
Cyclohexane	ND		1.0	0.48	ug/L			10/31/24 12:29	1
Chlorodibromomethane	ND		1.0	0.39	ug/L			10/31/24 12:29	1
Dichlorodifluoromethane	ND		1.0	0.35	ug/L			10/31/24 12:29	1
Ethylbenzene	ND		1.0	0.42	ug/L			10/31/24 12:29	1
Isopropylbenzene	ND		1.0	0.49	ug/L			10/31/24 12:29	1
Methyl acetate	2.27	J	10	1.7	ug/L			10/31/24 12:29	1
Methyl tert-butyl ether	ND		1.0	0.47	ug/L			10/31/24 12:29	1
Methylcyclohexane	ND		1.0	0.33	ug/L			10/31/24 12:29	1
Methylene Chloride	ND		5.0	2.6	ug/L			10/31/24 12:29	1
Styrene	ND		1.0	0.45	ug/L			10/31/24 12:29	1
Tetrachloroethene	ND		1.0	0.44	ug/L			10/31/24 12:29	1
Toluene	ND		1.0	0.44	ug/L			10/31/24 12:29	1
trans-1,2-Dichloroethene	ND		1.0	0.51	ug/L			10/31/24 12:29	1
trans-1,3-Dichloropropene	ND		1.0	0.67	ug/L			10/31/24 12:29	1
Trichloroethene	ND		1.0	0.44	ug/L			10/31/24 12:29	1
Trichlorofluoromethane	ND		1.0	0.45	ug/L			10/31/24 12:29	1
Vinyl chloride	ND		1.0	0.45	ug/L			10/31/24 12:29	1
Xylenes, Total	ND		2.0	0.42	ug/L			10/31/24 12:29	1

Method: 8260D - Volatile Organic Compounds by GC/MS (Continued)

Lab Sample ID: MB 240-633325/7
Matrix: Water
Analysis Batch: 633325

Client Sample ID: Method Blank
Prep Type: Total/NA

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
Toluene-d8 (Surr)	*94*		*78 - 122*		*10/31/24 12:29*	*1*
Dibromofluoromethane (Surr)	*88*		*73 - 120*		*10/31/24 12:29*	*1*
4-Bromofluorobenzene (Surr)	*93*		*56 - 136*		*10/31/24 12:29*	*1*
1,2-Dichloroethane-d4 (Surr)	*91*		*62 - 137*		*10/31/24 12:29*	*1*

Lab Sample ID: LCS 240-633325/4
Matrix: Water
Analysis Batch: 633325

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
1,1,1-Trichloroethane	25.0	23.4		ug/L		94	64 - 131
1,1,2,2-Tetrachloroethane	25.0	22.5		ug/L		90	58 - 157
1,1,2-Trichloro-1,2,2-trifluoroethane	25.0	25.6		ug/L		103	51 - 146
1,1,2-Trichloroethane	25.0	21.5		ug/L		86	70 - 138
1,1-Dichloroethane	25.0	23.5		ug/L		94	72 - 127
1,1-Dichloroethene	25.0	22.9		ug/L		92	63 - 134
1,2,4-Trichlorobenzene	25.0	21.5		ug/L		86	44 - 147
1,2-Dibromo-3-Chloropropane	25.0	21.4		ug/L		86	53 - 135
Ethylene Dibromide	25.0	22.9		ug/L		92	71 - 134
1,2-Dichlorobenzene	25.0	22.0		ug/L		88	78 - 120
1,2-Dichloroethane	25.0	23.6		ug/L		94	66 - 128
1,2-Dichloropropane	25.0	24.7		ug/L		99	75 - 133
1,3-Dichlorobenzene	25.0	22.9		ug/L		91	80 - 120
1,4-Dichlorobenzene	25.0	22.5		ug/L		90	80 - 120
2-Butanone (MEK)	50.0	42.1		ug/L		84	54 - 156
2-Hexanone	50.0	42.7		ug/L		85	43 - 167
4-Methyl-2-pentanone (MIBK)	50.0	41.0		ug/L		82	46 - 158
Acetone	50.0	37.8		ug/L		76	50 - 149
Benzene	25.0	22.8		ug/L		91	77 - 123
Dichlorobromomethane	25.0	20.9		ug/L		84	69 - 126
Bromoform	25.0	21.3		ug/L		85	57 - 129
Bromomethane	12.5	9.60		ug/L		77	36 - 142
Carbon disulfide	25.0	25.9		ug/L		103	43 - 140
Carbon tetrachloride	25.0	25.9		ug/L		104	55 - 137
Chlorobenzene	25.0	22.4		ug/L		90	80 - 121
Chloroethane	12.5	10.3		ug/L		82	38 - 152
Chloroform	25.0	20.4		ug/L		81	74 - 122
Chloromethane	12.5	10.6		ug/L		85	47 - 143
cis-1,2-Dichloroethene	25.0	21.8		ug/L		87	77 - 123
cis-1,3-Dichloropropene	25.0	24.5		ug/L		98	64 - 130
Cyclohexane	25.0	26.0		ug/L		104	58 - 146
Chlorodibromomethane	25.0	22.4		ug/L		90	70 - 124
Dichlorodifluoromethane	12.5	8.70		ug/L		70	34 - 153
Ethylbenzene	25.0	25.8		ug/L		103	80 - 121
Isopropylbenzene	25.0	27.8		ug/L		111	74 - 128
Methyl acetate	50.0	40.8		ug/L		82	42 - 169
Methyl tert-butyl ether	25.0	23.6		ug/L		94	65 - 126
Methylcyclohexane	25.0	26.3		ug/L		105	62 - 136

Method: 8260D - Volatile Organic Compounds by GC/MS (Continued)

Lab Sample ID: LCS 240-633325/4
Matrix: Water
Analysis Batch: 633325

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Methylene Chloride	25.0	23.4		ug/L		94	71 - 125
Styrene	25.0	24.6		ug/L		99	80 - 135
Tetrachloroethene	25.0	24.1		ug/L		96	76 - 123
Toluene	25.0	21.9		ug/L		88	80 - 123
trans-1,2-Dichloroethene	25.0	20.9		ug/L		84	75 - 124
trans-1,3-Dichloropropene	25.0	25.1		ug/L		100	57 - 129
Trichloroethene	25.0	21.2		ug/L		85	70 - 122
Trichlorofluoromethane	12.5	9.30		ug/L		74	30 - 170
Vinyl chloride	12.5	10.8		ug/L		87	60 - 144
Xylenes, Total	50.0	51.9		ug/L		104	80 - 121
m-Xylene & p-Xylene	25.0	25.9		ug/L		104	80 - 120
o-Xylene	25.0	26.0		ug/L		104	80 - 123

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
Toluene-d8 (Surr)	*95*		*78 - 122*
Dibromofluoromethane (Surr)	*86*		*73 - 120*
4-Bromofluorobenzene (Surr)	*95*		*56 - 136*
1,2-Dichloroethane-d4 (Surr)	*85*		*62 - 137*

Method: 8270E - Semivolatile Organic Compounds (GC/MS)

Lab Sample ID: MB 240-632253/1-A
Matrix: Solid
Analysis Batch: 632649

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 632253

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1'-Biphenyl	ND		100	28	ug/Kg		10/24/24 09:40	10/28/24 08:13	1
bis (2-chloroisopropyl) ether	ND		100	26	ug/Kg		10/24/24 09:40	10/28/24 08:13	1
2,4,5-Trichlorophenol	ND		150	33	ug/Kg		10/24/24 09:40	10/28/24 08:13	1
2,4,6-Trichlorophenol	ND		150	29	ug/Kg		10/24/24 09:40	10/28/24 08:13	1
2,4-Dichlorophenol	ND		150	27	ug/Kg		10/24/24 09:40	10/28/24 08:13	1
2,4-Dimethylphenol	ND		150	36	ug/Kg		10/24/24 09:40	10/28/24 08:13	1
2,4-Dinitrophenol	ND		330	170	ug/Kg		10/24/24 09:40	10/28/24 08:13	1
2,4-Dinitrotoluene	ND		200	23	ug/Kg		10/24/24 09:40	10/28/24 08:13	1
2,6-Dinitrotoluene	ND		200	36	ug/Kg		10/24/24 09:40	10/28/24 08:13	1
2-Chloronaphthalene	ND		100	28	ug/Kg		10/24/24 09:40	10/28/24 08:13	1
2-Chlorophenol	ND		100	26	ug/Kg		10/24/24 09:40	10/28/24 08:13	1
2-Methylnaphthalene	ND		40	13	ug/Kg		10/24/24 09:40	10/28/24 08:13	1
2-Methylphenol	ND		200	41	ug/Kg		10/24/24 09:40	10/28/24 08:13	1
2-Nitroaniline	ND		200	38	ug/Kg		10/24/24 09:40	10/28/24 08:13	1
2-Nitrophenol	ND		100	35	ug/Kg		10/24/24 09:40	10/28/24 08:13	1
3,3'-Dichlorobenzidine	ND		150	95	ug/Kg		10/24/24 09:40	10/28/24 08:13	1
3-Nitroaniline	ND		200	35	ug/Kg		10/24/24 09:40	10/28/24 08:13	1
4,6-Dinitro-2-methylphenol	ND		330	100	ug/Kg		10/24/24 09:40	10/28/24 08:13	1
4-Bromophenyl phenyl ether	ND		100	32	ug/Kg		10/24/24 09:40	10/28/24 08:13	1
4-Chloro-3-methylphenol	ND		150	38	ug/Kg		10/24/24 09:40	10/28/24 08:13	1
4-Chloroaniline	ND		150	16	ug/Kg		10/24/24 09:40	10/28/24 08:13	1
4-Chlorophenyl phenyl ether	ND		100	28	ug/Kg		10/24/24 09:40	10/28/24 08:13	1
4-Nitroaniline	ND		200	26	ug/Kg		10/24/24 09:40	10/28/24 08:13	1

Method: 8270E - Semivolatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: MB 240-632253/1-A
Matrix: Solid
Analysis Batch: 632649

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 632253

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
4-Nitrophenol	ND		330	90	ug/Kg		10/24/24 09:40	10/28/24 08:13	1
Acenaphthene	ND		40	14	ug/Kg		10/24/24 09:40	10/28/24 08:13	1
Acenaphthylene	ND		40	15	ug/Kg		10/24/24 09:40	10/28/24 08:13	1
Acetophenone	ND		100	25	ug/Kg		10/24/24 09:40	10/28/24 08:13	1
Anthracene	ND		40	12	ug/Kg		10/24/24 09:40	10/28/24 08:13	1
Atrazine	ND		330	69	ug/Kg		10/24/24 09:40	10/28/24 08:13	1
Benzaldehyde	ND		330	56	ug/Kg		10/24/24 09:40	10/28/24 08:13	1
Benzo[a]anthracene	ND		40	15	ug/Kg		10/24/24 09:40	10/28/24 08:13	1
Benzo[a]pyrene	ND		40	14	ug/Kg		10/24/24 09:40	10/28/24 08:13	1
Benzo[b]fluoranthene	ND		40	12	ug/Kg		10/24/24 09:40	10/28/24 08:13	1
Benzo[g,h,i]perylene	ND		40	27	ug/Kg		10/24/24 09:40	10/28/24 08:13	1
Benzo[k]fluoranthene	ND		40	10	ug/Kg		10/24/24 09:40	10/28/24 08:13	1
Bis(2-chloroethoxy)methane	ND		100	20	ug/Kg		10/24/24 09:40	10/28/24 08:13	1
Bis(2-chloroethyl)ether	ND		100	22	ug/Kg		10/24/24 09:40	10/28/24 08:13	1
Bis(2-ethylhexyl) phthalate	ND		150	56	ug/Kg		10/24/24 09:40	10/28/24 08:13	1
Butyl benzyl phthalate	ND		150	51	ug/Kg		10/24/24 09:40	10/28/24 08:13	1
Caprolactam	ND		330	69	ug/Kg		10/24/24 09:40	10/28/24 08:13	1
Carbazole	ND		100	27	ug/Kg		10/24/24 09:40	10/28/24 08:13	1
Chrysene	ND		40	14	ug/Kg		10/24/24 09:40	10/28/24 08:13	1
Dibenz(a,h)anthracene	ND		40	15	ug/Kg		10/24/24 09:40	10/28/24 08:13	1
Dibenzofuran	ND		100	29	ug/Kg		10/24/24 09:40	10/28/24 08:13	1
Diethyl phthalate	ND		150	43	ug/Kg		10/24/24 09:40	10/28/24 08:13	1
Dimethyl phthalate	ND		150	40	ug/Kg		10/24/24 09:40	10/28/24 08:13	1
Di-n-butyl phthalate	ND		150	51	ug/Kg		10/24/24 09:40	10/28/24 08:13	1
Di-n-octyl phthalate	ND		150	50	ug/Kg		10/24/24 09:40	10/28/24 08:13	1
Fluoranthene	ND		40	14	ug/Kg		10/24/24 09:40	10/28/24 08:13	1
Fluorene	ND		40	14	ug/Kg		10/24/24 09:40	10/28/24 08:13	1
Hexachlorobenzene	ND		40	14	ug/Kg		10/24/24 09:40	10/28/24 08:13	1
Hexachlorobutadiene	ND		100	21	ug/Kg		10/24/24 09:40	10/28/24 08:13	1
Hexachlorocyclopentadiene	ND		330	39	ug/Kg		10/24/24 09:40	10/28/24 08:13	1
Hexachloroethane	ND		100	32	ug/Kg		10/24/24 09:40	10/28/24 08:13	1
Indeno[1,2,3-cd]pyrene	ND		40	12	ug/Kg		10/24/24 09:40	10/28/24 08:13	1
Isophorone	ND		100	26	ug/Kg		10/24/24 09:40	10/28/24 08:13	1
N-Nitrosodi-n-propylamine	ND		100	37	ug/Kg		10/24/24 09:40	10/28/24 08:13	1
N-Nitrosodiphenylamine	ND		100	27	ug/Kg		10/24/24 09:40	10/28/24 08:13	1
Naphthalene	ND		40	13	ug/Kg		10/24/24 09:40	10/28/24 08:13	1
Nitrobenzene	ND		100	22	ug/Kg		10/24/24 09:40	10/28/24 08:13	1
Pentachlorophenol	ND		270	110	ug/Kg		10/24/24 09:40	10/28/24 08:13	1
Phenanthrene	ND		40	13	ug/Kg		10/24/24 09:40	10/28/24 08:13	1
Phenol	ND		100	38	ug/Kg		10/24/24 09:40	10/28/24 08:13	1
Pyrene	ND		40	16	ug/Kg		10/24/24 09:40	10/28/24 08:13	1
3 & 4 Methylphenol	ND		400	41	ug/Kg		10/24/24 09:40	10/28/24 08:13	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Terphenyl-d14 (Surr)	*64*		*37 - 120*	*10/24/24 09:40*	*10/28/24 08:13*	*1*
Phenol-d5 (Surr)	*64*		*29 - 120*	*10/24/24 09:40*	*10/28/24 08:13*	*1*
Nitrobenzene-d5 (Surr)	*53*		*28 - 120*	*10/24/24 09:40*	*10/28/24 08:13*	*1*
2-Fluorophenol (Surr)	*65*		*26 - 120*	*10/24/24 09:40*	*10/28/24 08:13*	*1*

Method: 8270E - Semivolatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: MB 240-632253/1-A
Matrix: Solid
Analysis Batch: 632649

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 632253

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
2-Fluorobiphenyl (Surr)	*59*		*36 - 120*	*10/24/24 09:40*	*10/28/24 08:13*	*1*
2,4,6-Tribromophenol (Surr)	*62*		*10 - 120*	*10/24/24 09:40*	*10/28/24 08:13*	*1*

Lab Sample ID: LCS 240-632253/2-A
Matrix: Solid
Analysis Batch: 632649

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 632253

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
1,1'-Biphenyl	1330	836		ug/Kg		63	54 - 120
bis (2-chloroisopropyl) ether	1330	758		ug/Kg		57	42 - 120
2,4,5-Trichlorophenol	1330	941		ug/Kg		71	53 - 120
2,4,6-Trichlorophenol	1330	868		ug/Kg		65	53 - 120
2,4-Dichlorophenol	1330	891		ug/Kg		67	55 - 120
2,4-Dimethylphenol	1330	619		ug/Kg		46	39 - 120
2,4-Dinitrophenol	2670	996		ug/Kg		37	10 - 120
2,4-Dinitrotoluene	1330	1020		ug/Kg		77	56 - 120
2,6-Dinitrotoluene	1330	967		ug/Kg		73	57 - 120
2-Chloronaphthalene	1330	855		ug/Kg		64	54 - 120
2-Chlorophenol	1330	849		ug/Kg		64	54 - 120
2-Methylnaphthalene	1330	889		ug/Kg		67	56 - 120
2-Methylphenol	1330	909		ug/Kg		68	51 - 120
2-Nitroaniline	1330	931		ug/Kg		70	53 - 120
2-Nitrophenol	1330	902		ug/Kg		68	51 - 120
3,3'-Dichlorobenzidine	2670	1240		ug/Kg		46	31 - 120
3-Nitroaniline	1330	770		ug/Kg		58	36 - 120
4,6-Dinitro-2-methylphenol	2670	1230		ug/Kg		46	10 - 120
4-Bromophenyl phenyl ether	1330	927		ug/Kg		70	56 - 120
4-Chloro-3-methylphenol	1330	969		ug/Kg		73	55 - 120
4-Chloroaniline	1330	550		ug/Kg		41	23 - 120
4-Chlorophenyl phenyl ether	1330	902		ug/Kg		68	54 - 120
4-Nitroaniline	1330	765		ug/Kg		57	46 - 120
4-Nitrophenol	2670	1710		ug/Kg		64	41 - 123
Acenaphthene	1330	840		ug/Kg		63	56 - 120
Acenaphthylene	1330	879		ug/Kg		66	54 - 120
Acetophenone	1330	814		ug/Kg		61	53 - 120
Anthracene	1330	928		ug/Kg		70	59 - 120
Atrazine	2670	1760		ug/Kg		66	56 - 136
Benzaldehyde	2670	1450		ug/Kg		55	50 - 120
Benzo[a]anthracene	1330	949		ug/Kg		71	59 - 120
Benzo[a]pyrene	1330	919		ug/Kg		69	54 - 120
Benzo[b]fluoranthene	1330	924		ug/Kg		69	58 - 120
Benzo[g,h,i]perylene	1330	930		ug/Kg		70	56 - 120
Benzo[k]fluoranthene	1330	905		ug/Kg		68	59 - 120
Bis(2-chloroethoxy)methane	1330	854		ug/Kg		64	53 - 120
Bis(2-chloroethyl)ether	1330	734		ug/Kg		55	45 - 120
Bis(2-ethylhexyl) phthalate	1330	954		ug/Kg		72	52 - 120
Butyl benzyl phthalate	1330	907		ug/Kg		68	54 - 120
Caprolactam	2670	1900		ug/Kg		71	55 - 120

Method: 8270E - Semivolatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: LCS 240-632253/2-A
Matrix: Solid
Analysis Batch: 632649

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 632253

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Carbazole	1330	900		ug/Kg		68	61 - 120
Chrysene	1330	895		ug/Kg		67	58 - 120
Dibenz(a,h)anthracene	1330	918		ug/Kg		69	54 - 120
Dibenzofuran	1330	867		ug/Kg		65	54 - 120
Diethyl phthalate	1330	956		ug/Kg		72	58 - 120
Dimethyl phthalate	1330	945		ug/Kg		71	58 - 120
Di-n-butyl phthalate	1330	878		ug/Kg		66	54 - 124
Di-n-octyl phthalate	1330	870		ug/Kg		65	53 - 120
Fluoranthene	1330	957		ug/Kg		72	59 - 120
Fluorene	1330	886		ug/Kg		66	56 - 120
Hexachlorobenzene	1330	905		ug/Kg		68	51 - 120
Hexachlorobutadiene	1330	846		ug/Kg		63	46 - 120
Hexachlorocyclopentadiene	1330	242	J	ug/Kg		18	12 - 120
Hexachloroethane	1330	798		ug/Kg		60	49 - 120
Indeno[1,2,3-cd]pyrene	1330	963		ug/Kg		72	53 - 120
Isophorone	1330	887		ug/Kg		67	52 - 120
N-Nitrosodi-n-propylamine	1330	807		ug/Kg		61	52 - 120
N-Nitrosodiphenylamine	1330	911		ug/Kg		68	58 - 120
Naphthalene	1330	848		ug/Kg		64	54 - 120
Nitrobenzene	1330	808		ug/Kg		61	52 - 120
Pentachlorophenol	2670	1190		ug/Kg		45	31 - 120
Phenanthrene	1330	876		ug/Kg		66	57 - 120
Phenol	1330	859		ug/Kg		64	48 - 120
Pyrene	1330	944		ug/Kg		71	59 - 120
3 & 4 Methylphenol	1330	949		ug/Kg		71	51 - 120

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
Terphenyl-d14 (Surr)	*59*		*37 - 120*
Phenol-d5 (Surr)	*59*		*29 - 120*
Nitrobenzene-d5 (Surr)	*56*		*28 - 120*
2-Fluorophenol (Surr)	*59*		*26 - 120*
2-Fluorobiphenyl (Surr)	*58*		*36 - 120*
2,4,6-Tribromophenol (Surr)	*68*		*10 - 120*

Lab Sample ID: MB 240-633291/1-A
Matrix: Solid
Analysis Batch: 633435

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 633291

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1'-Biphenyl	ND		100	28	ug/Kg		10/31/24 08:53	11/01/24 08:11	1
bis (2-chloroisopropyl) ether	ND		100	26	ug/Kg		10/31/24 08:53	11/01/24 08:11	1
2,4,5-Trichlorophenol	ND		150	33	ug/Kg		10/31/24 08:53	11/01/24 08:11	1
2,4,6-Trichlorophenol	ND		150	29	ug/Kg		10/31/24 08:53	11/01/24 08:11	1
2,4-Dichlorophenol	ND		150	27	ug/Kg		10/31/24 08:53	11/01/24 08:11	1
2,4-Dimethylphenol	ND		150	36	ug/Kg		10/31/24 08:53	11/01/24 08:11	1
2,4-Dinitrophenol	ND		330	170	ug/Kg		10/31/24 08:53	11/01/24 08:11	1
2,4-Dinitrotoluene	ND		200	23	ug/Kg		10/31/24 08:53	11/01/24 08:11	1
2,6-Dinitrotoluene	ND		200	36	ug/Kg		10/31/24 08:53	11/01/24 08:11	1

Method: 8270E - Semivolatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: MB 240-633291/1-A
Matrix: Solid
Analysis Batch: 633435

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 633291

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2-Chloronaphthalene	ND		100	28	ug/Kg		10/31/24 08:53	11/01/24 08:11	1
2-Chlorophenol	ND		100	26	ug/Kg		10/31/24 08:53	11/01/24 08:11	1
2-Methylnaphthalene	ND		40	13	ug/Kg		10/31/24 08:53	11/01/24 08:11	1
2-Methylphenol	ND		200	41	ug/Kg		10/31/24 08:53	11/01/24 08:11	1
2-Nitroaniline	ND		200	38	ug/Kg		10/31/24 08:53	11/01/24 08:11	1
2-Nitrophenol	ND		100	35	ug/Kg		10/31/24 08:53	11/01/24 08:11	1
3,3'-Dichlorobenzidine	ND		150	95	ug/Kg		10/31/24 08:53	11/01/24 08:11	1
3-Nitroaniline	ND		200	35	ug/Kg		10/31/24 08:53	11/01/24 08:11	1
4,6-Dinitro-2-methylphenol	ND		330	100	ug/Kg		10/31/24 08:53	11/01/24 08:11	1
4-Bromophenyl phenyl ether	ND		100	32	ug/Kg		10/31/24 08:53	11/01/24 08:11	1
4-Chloro-3-methylphenol	ND		150	38	ug/Kg		10/31/24 08:53	11/01/24 08:11	1
4-Chloroaniline	ND		150	16	ug/Kg		10/31/24 08:53	11/01/24 08:11	1
4-Chlorophenyl phenyl ether	ND		100	28	ug/Kg		10/31/24 08:53	11/01/24 08:11	1
4-Nitroaniline	ND		200	26	ug/Kg		10/31/24 08:53	11/01/24 08:11	1
4-Nitrophenol	ND		330	90	ug/Kg		10/31/24 08:53	11/01/24 08:11	1
Acenaphthene	ND		40	14	ug/Kg		10/31/24 08:53	11/01/24 08:11	1
Acenaphthylene	ND		40	15	ug/Kg		10/31/24 08:53	11/01/24 08:11	1
Acetophenone	ND		100	25	ug/Kg		10/31/24 08:53	11/01/24 08:11	1
Anthracene	ND		40	12	ug/Kg		10/31/24 08:53	11/01/24 08:11	1
Atrazine	ND		330	69	ug/Kg		10/31/24 08:53	11/01/24 08:11	1
Benzaldehyde	ND		330	56	ug/Kg		10/31/24 08:53	11/01/24 08:11	1
Benzo[a]anthracene	ND		40	15	ug/Kg		10/31/24 08:53	11/01/24 08:11	1
Benzo[a]pyrene	ND		40	14	ug/Kg		10/31/24 08:53	11/01/24 08:11	1
Benzo[b]fluoranthene	ND		40	12	ug/Kg		10/31/24 08:53	11/01/24 08:11	1
Benzo[g,h,i]perylene	ND		40	27	ug/Kg		10/31/24 08:53	11/01/24 08:11	1
Benzo[k]fluoranthene	ND		40	10	ug/Kg		10/31/24 08:53	11/01/24 08:11	1
Bis(2-chloroethoxy)methane	ND		100	20	ug/Kg		10/31/24 08:53	11/01/24 08:11	1
Bis(2-chloroethyl)ether	ND		100	22	ug/Kg		10/31/24 08:53	11/01/24 08:11	1
Bis(2-ethylhexyl) phthalate	ND		150	56	ug/Kg		10/31/24 08:53	11/01/24 08:11	1
Butyl benzyl phthalate	ND		150	51	ug/Kg		10/31/24 08:53	11/01/24 08:11	1
Caprolactam	ND		330	69	ug/Kg		10/31/24 08:53	11/01/24 08:11	1
Carbazole	ND		100	27	ug/Kg		10/31/24 08:53	11/01/24 08:11	1
Chrysene	ND		40	14	ug/Kg		10/31/24 08:53	11/01/24 08:11	1
Dibenz(a,h)anthracene	ND		40	15	ug/Kg		10/31/24 08:53	11/01/24 08:11	1
Dibenzofuran	ND		100	29	ug/Kg		10/31/24 08:53	11/01/24 08:11	1
Diethyl phthalate	ND		150	43	ug/Kg		10/31/24 08:53	11/01/24 08:11	1
Dimethyl phthalate	ND		150	40	ug/Kg		10/31/24 08:53	11/01/24 08:11	1
Di-n-butyl phthalate	ND		150	51	ug/Kg		10/31/24 08:53	11/01/24 08:11	1
Di-n-octyl phthalate	ND		150	50	ug/Kg		10/31/24 08:53	11/01/24 08:11	1
Fluoranthene	ND		40	14	ug/Kg		10/31/24 08:53	11/01/24 08:11	1
Fluorene	ND		40	14	ug/Kg		10/31/24 08:53	11/01/24 08:11	1
Hexachlorobenzene	ND		40	14	ug/Kg		10/31/24 08:53	11/01/24 08:11	1
Hexachlorobutadiene	ND		100	21	ug/Kg		10/31/24 08:53	11/01/24 08:11	1
Hexachlorocyclopentadiene	ND		330	39	ug/Kg		10/31/24 08:53	11/01/24 08:11	1
Hexachloroethane	ND		100	32	ug/Kg		10/31/24 08:53	11/01/24 08:11	1
Indeno[1,2,3-cd]pyrene	ND		40	12	ug/Kg		10/31/24 08:53	11/01/24 08:11	1
Isophorone	ND		100	26	ug/Kg		10/31/24 08:53	11/01/24 08:11	1
N-Nitrosodi-n-propylamine	ND		100	37	ug/Kg		10/31/24 08:53	11/01/24 08:11	1
N-Nitrosodiphenylamine	ND		100	27	ug/Kg		10/31/24 08:53	11/01/24 08:11	1

Method: 8270E - Semivolatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: MB 240-633291/1-A
Matrix: Solid
Analysis Batch: 633435

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 633291

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Naphthalene	ND		40	13	ug/Kg		10/31/24 08:53	11/01/24 08:11	1
Nitrobenzene	ND		100	22	ug/Kg		10/31/24 08:53	11/01/24 08:11	1
Pentachlorophenol	ND		270	110	ug/Kg		10/31/24 08:53	11/01/24 08:11	1
Phenanthrene	ND		40	13	ug/Kg		10/31/24 08:53	11/01/24 08:11	1
Phenol	ND		100	38	ug/Kg		10/31/24 08:53	11/01/24 08:11	1
Pyrene	ND		40	16	ug/Kg		10/31/24 08:53	11/01/24 08:11	1
3 & 4 Methylphenol	ND		400	41	ug/Kg		10/31/24 08:53	11/01/24 08:11	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Terphenyl-d14 (Surr)	*77*		*37 - 120*	*10/31/24 08:53*	*11/01/24 08:11*	*1*
Phenol-d5 (Surr)	*79*		*29 - 120*	*10/31/24 08:53*	*11/01/24 08:11*	*1*
Nitrobenzene-d5 (Surr)	*67*		*28 - 120*	*10/31/24 08:53*	*11/01/24 08:11*	*1*
2-Fluorophenol (Surr)	*78*		*26 - 120*	*10/31/24 08:53*	*11/01/24 08:11*	*1*
2-Fluorobiphenyl (Surr)	*76*		*36 - 120*	*10/31/24 08:53*	*11/01/24 08:11*	*1*
2,4,6-Tribromophenol (Surr)	*69*		*10 - 120*	*10/31/24 08:53*	*11/01/24 08:11*	*1*

Lab Sample ID: LCS 240-633291/2-A
Matrix: Solid
Analysis Batch: 633435

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 633291

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
1,1'-Biphenyl	1330	1030		ug/Kg		77	54 - 120
bis (2-chloroisopropyl) ether	1330	949		ug/Kg		71	42 - 120
2,4,5-Trichlorophenol	1330	1050		ug/Kg		79	53 - 120
2,4,6-Trichlorophenol	1330	1060		ug/Kg		79	53 - 120
2,4-Dichlorophenol	1330	1040		ug/Kg		78	55 - 120
2,4-Dimethylphenol	1330	758		ug/Kg		57	39 - 120
2,4-Dinitrophenol	2670	1190		ug/Kg		45	10 - 120
2,4-Dinitrotoluene	1330	1220		ug/Kg		92	56 - 120
2,6-Dinitrotoluene	1330	1180		ug/Kg		88	57 - 120
2-Chloronaphthalene	1330	1020		ug/Kg		77	54 - 120
2-Chlorophenol	1330	1030		ug/Kg		77	54 - 120
2-Methylnaphthalene	1330	1030		ug/Kg		78	56 - 120
2-Methylphenol	1330	954		ug/Kg		72	51 - 120
2-Nitroaniline	1330	1190		ug/Kg		90	53 - 120
2-Nitrophenol	1330	1050		ug/Kg		79	51 - 120
3,3'-Dichlorobenzidine	2670	1420		ug/Kg		53	31 - 120
3-Nitroaniline	1330	882		ug/Kg		66	36 - 120
4,6-Dinitro-2-methylphenol	2670	1690		ug/Kg		63	10 - 120
4-Bromophenyl phenyl ether	1330	1240		ug/Kg		93	56 - 120
4-Chloro-3-methylphenol	1330	1100		ug/Kg		83	55 - 120
4-Chloroaniline	1330	590		ug/Kg		44	23 - 120
4-Chlorophenyl phenyl ether	1330	1110		ug/Kg		83	54 - 120
4-Nitroaniline	1330	915		ug/Kg		69	46 - 120
4-Nitrophenol	2670	2070		ug/Kg		77	41 - 123
Acenaphthene	1330	1010		ug/Kg		76	56 - 120
Acenaphthylene	1330	1070		ug/Kg		80	54 - 120
Acetophenone	1330	981		ug/Kg		74	53 - 120

Method: 8270E - Semivolatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: LCS 240-633291/2-A
Matrix: Solid
Analysis Batch: 633435

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 633291

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Anthracene	1330	1200		ug/Kg		90	59 - 120
Atrazine	2670	2510		ug/Kg		94	56 - 136
Benzaldehyde	2670	1840		ug/Kg		69	50 - 120
Benzo[a]anthracene	1330	1140		ug/Kg		85	59 - 120
Benzo[a]pyrene	1330	1160		ug/Kg		87	54 - 120
Benzo[b]fluoranthene	1330	1150		ug/Kg		86	58 - 120
Benzo[g,h,i]perylene	1330	1150		ug/Kg		86	56 - 120
Benzo[k]fluoranthene	1330	1180		ug/Kg		88	59 - 120
Bis(2-chloroethoxy)methane	1330	997		ug/Kg		75	53 - 120
Bis(2-chloroethyl)ether	1330	898		ug/Kg		67	45 - 120
Bis(2-ethylhexyl) phthalate	1330	1120		ug/Kg		84	52 - 120
Butyl benzyl phthalate	1330	1080		ug/Kg		81	54 - 120
Caprolactam	2670	2250		ug/Kg		84	55 - 120
Carbazole	1330	1190		ug/Kg		89	61 - 120
Chrysene	1330	1080		ug/Kg		81	58 - 120
Dibenz(a,h)anthracene	1330	1180		ug/Kg		88	54 - 120
Dibenzofuran	1330	1050		ug/Kg		79	54 - 120
Diethyl phthalate	1330	1140		ug/Kg		86	58 - 120
Dimethyl phthalate	1330	1150		ug/Kg		86	58 - 120
Di-n-butyl phthalate	1330	1220		ug/Kg		91	54 - 124
Di-n-octyl phthalate	1330	1090		ug/Kg		82	53 - 120
Fluoranthene	1330	1290		ug/Kg		97	59 - 120
Fluorene	1330	1090		ug/Kg		82	56 - 120
Hexachlorobenzene	1330	1210		ug/Kg		91	51 - 120
Hexachlorobutadiene	1330	973		ug/Kg		73	46 - 120
Hexachlorocyclopentadiene	1330	259	J	ug/Kg		19	12 - 120
Hexachloroethane	1330	957		ug/Kg		72	49 - 120
Indeno[1,2,3-cd]pyrene	1330	1180		ug/Kg		88	53 - 120
Isophorone	1330	1060		ug/Kg		80	52 - 120
N-Nitrosodi-n-propylamine	1330	1000		ug/Kg		75	52 - 120
N-Nitrosodiphenylamine	1330	1180		ug/Kg		89	58 - 120
Naphthalene	1330	976		ug/Kg		73	54 - 120
Nitrobenzene	1330	1020		ug/Kg		76	52 - 120
Pentachlorophenol	2670	1580		ug/Kg		59	31 - 120
Phenanthrene	1330	1130		ug/Kg		85	57 - 120
Phenol	1330	955		ug/Kg		72	48 - 120
Pyrene	1330	1140		ug/Kg		85	59 - 120
3 & 4 Methylphenol	1330	987		ug/Kg		74	51 - 120

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
Terphenyl-d14 (Surr)	*72*		*37 - 120*
Phenol-d5 (Surr)	*71*		*29 - 120*
Nitrobenzene-d5 (Surr)	*65*		*28 - 120*
2-Fluorophenol (Surr)	*72*		*26 - 120*
2-Fluorobiphenyl (Surr)	*70*		*36 - 120*
2,4,6-Tribromophenol (Surr)	*81*		*10 - 120*

Method: 8270E - Semivolatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: 240-213548-1 MS
Matrix: Solid
Analysis Batch: 633435

Client Sample ID: SB-14-12-14
Prep Type: Total/NA
Prep Batch: 633291

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
1,1'-Biphenyl	ND		1550	1040		ug/Kg	☼	67	30 - 120
bis (2-chloroisopropyl) ether	ND		1550	949		ug/Kg	☼	61	19 - 120
2,4,5-Trichlorophenol	ND		1550	1220		ug/Kg	☼	79	35 - 120
2,4,6-Trichlorophenol	ND		1550	1120		ug/Kg	☼	72	25 - 120
2,4-Dichlorophenol	ND		1550	1200		ug/Kg	☼	78	35 - 120
2,4-Dimethylphenol	ND		1550	750		ug/Kg	☼	48	20 - 120
2,4-Dinitrophenol	ND		3100	698		ug/Kg	☼	23	10 - 120
2,4-Dinitrotoluene	ND		1550	1390		ug/Kg	☼	90	24 - 122
2,6-Dinitrotoluene	ND		1550	1310		ug/Kg	☼	85	27 - 120
2-Chloronaphthalene	ND		1550	1030		ug/Kg	☼	67	33 - 120
2-Chlorophenol	ND		1550	1170		ug/Kg	☼	75	33 - 120
2-Methylnaphthalene	ND		1550	1050		ug/Kg	☼	68	18 - 120
2-Methylphenol	ND		1550	1150		ug/Kg	☼	74	30 - 120
2-Nitroaniline	ND		1550	1300		ug/Kg	☼	84	13 - 128
2-Nitrophenol	ND		1550	1060		ug/Kg	☼	68	21 - 120
3,3'-Dichlorobenzidine	ND		3100	2590		ug/Kg	☼	84	10 - 143
3-Nitroaniline	ND		1550	1180		ug/Kg	☼	76	10 - 120
4,6-Dinitro-2-methylphenol	ND		3100	1210		ug/Kg	☼	39	10 - 120
4-Bromophenyl phenyl ether	ND		1550	1400		ug/Kg	☼	91	39 - 120
4-Chloro-3-methylphenol	ND		1550	1250		ug/Kg	☼	81	26 - 120
4-Chloroaniline	ND		1550	980		ug/Kg	☼	63	19 - 120
4-Chlorophenyl phenyl ether	ND		1550	1210		ug/Kg	☼	78	37 - 120
4-Nitroaniline	ND		1550	1170		ug/Kg	☼	76	22 - 120
4-Nitrophenol	ND		3100	2390		ug/Kg	☼	77	18 - 124
Acenaphthene	ND		1550	1070		ug/Kg	☼	69	26 - 120
Acenaphthylene	ND		1550	1150		ug/Kg	☼	74	25 - 120
Acetophenone	ND		1550	1120		ug/Kg	☼	72	32 - 120
Anthracene	ND		1550	1390		ug/Kg	☼	90	25 - 121
Atrazine	ND		3100	3160		ug/Kg	☼	102	43 - 130
Benzaldehyde	ND		3100	1880		ug/Kg	☼	61	27 - 120
Benzo[a]anthracene	ND		1550	1430		ug/Kg	☼	92	21 - 130
Benzo[a]pyrene	ND		1550	1430		ug/Kg	☼	93	12 - 131
Benzo[b]fluoranthene	ND		1550	1420		ug/Kg	☼	91	14 - 134
Benzo[g,h,i]perylene	ND		1550	1470		ug/Kg	☼	95	10 - 145
Benzo[k]fluoranthene	ND		1550	1430		ug/Kg	☼	92	18 - 126
Bis(2-chloroethoxy)methane	ND		1550	1120		ug/Kg	☼	72	28 - 120
Bis(2-chloroethyl)ether	ND		1550	996		ug/Kg	☼	64	23 - 120
Bis(2-ethylhexyl) phthalate	ND		1550	1420		ug/Kg	☼	92	24 - 131
Butyl benzyl phthalate	ND		1550	1380		ug/Kg	☼	89	41 - 120
Caprolactam	ND		3100	1970		ug/Kg	☼	63	28 - 120
Carbazole	ND		1550	1490		ug/Kg	☼	96	40 - 120
Chrysene	ND		1550	1340		ug/Kg	☼	87	20 - 126
Dibenz(a,h)anthracene	ND		1550	1520		ug/Kg	☼	98	10 - 141
Dibenzofuran	ND		1550	1150		ug/Kg	☼	74	35 - 120
Diethyl phthalate	ND		1550	1260		ug/Kg	☼	81	33 - 120
Dimethyl phthalate	ND		1550	1250		ug/Kg	☼	81	15 - 120
Di-n-butyl phthalate	ND		1550	1540		ug/Kg	☼	100	25 - 132
Di-n-octyl phthalate	ND		1550	1370		ug/Kg	☼	88	37 - 120

Method: 8270E - Semivolatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: 240-213548-1 MS
Matrix: Solid
Analysis Batch: 633435

Client Sample ID: SB-14-12-14
Prep Type: Total/NA
Prep Batch: 633291

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Fluoranthene	ND		1550	1620		ug/Kg	☼	105	18 - 139
Fluorene	ND		1550	1210		ug/Kg	☼	78	29 - 120
Hexachlorobenzene	ND		1550	1370		ug/Kg	☼	88	36 - 120
Hexachlorobutadiene	ND		1550	814		ug/Kg	☼	53	18 - 120
Hexachlorocyclopentadiene	ND		1550	176	J	ug/Kg	☼	11	10 - 120
Hexachloroethane	ND		1550	786		ug/Kg	☼	51	14 - 120
Indeno[1,2,3-cd]pyrene	ND		1550	1520		ug/Kg	☼	98	10 - 143
Isophorone	ND		1550	1180		ug/Kg	☼	76	33 - 120
N-Nitrosodi-n-propylamine	ND		1550	1150		ug/Kg	☼	75	33 - 120
N-Nitrosodiphenylamine	ND		1550	1360		ug/Kg	☼	88	35 - 120
Naphthalene	ND		1550	949		ug/Kg	☼	61	17 - 120
Nitrobenzene	ND		1550	1060		ug/Kg	☼	68	25 - 120
Pentachlorophenol	ND		3100	1600		ug/Kg	☼	52	10 - 120
Phenanthrene	ND		1550	1350		ug/Kg	☼	87	18 - 122
Phenol	ND		1550	1260		ug/Kg	☼	81	29 - 120
Pyrene	ND		1550	1390		ug/Kg	☼	90	18 - 136
3 & 4 Methylphenol	ND		1550	1180		ug/Kg	☼	76	30 - 120

Surrogate	*MS %Recovery*	*MS Qualifier*	*Limits*
Terphenyl-d14 (Surr)	*78*		*37 - 120*
Phenol-d5 (Surr)	*72*		*29 - 120*
Nitrobenzene-d5 (Surr)	*63*		*28 - 120*
2-Fluorophenol (Surr)	*71*		*26 - 120*
2-Fluorobiphenyl (Surr)	*62*		*36 - 120*
2,4,6-Tribromophenol (Surr)	*72*		*10 - 120*

Lab Sample ID: 240-213548-1 MSD
Matrix: Solid
Analysis Batch: 633435

Client Sample ID: SB-14-12-14
Prep Type: Total/NA
Prep Batch: 633291

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
1,1'-Biphenyl	ND		1530	1150		ug/Kg	☼	75	30 - 120	10	40
bis (2-chloroisopropyl) ether	ND		1530	1030		ug/Kg	☼	67	19 - 120	9	40
2,4,5-Trichlorophenol	ND		1530	1320		ug/Kg	☼	86	35 - 120	8	40
2,4,6-Trichlorophenol	ND		1530	1190		ug/Kg	☼	78	25 - 120	6	40
2,4-Dichlorophenol	ND		1530	1300		ug/Kg	☼	85	35 - 120	8	40
2,4-Dimethylphenol	ND		1530	750		ug/Kg	☼	49	20 - 120	0	40
2,4-Dinitrophenol	ND		3070	523		ug/Kg	☼	17	10 - 120	29	40
2,4-Dinitrotoluene	ND		1530	1400		ug/Kg	☼	91	24 - 122	1	40
2,6-Dinitrotoluene	ND		1530	1330		ug/Kg	☼	87	27 - 120	1	40
2-Chloronaphthalene	ND		1530	1140		ug/Kg	☼	74	33 - 120	10	40
2-Chlorophenol	ND		1530	1200		ug/Kg	☼	78	33 - 120	3	40
2-Methylnaphthalene	ND		1530	1150		ug/Kg	☼	75	18 - 120	9	40
2-Methylphenol	ND		1530	1310		ug/Kg	☼	86	30 - 120	13	40
2-Nitroaniline	ND		1530	889		ug/Kg	☼	58	13 - 128	38	40
2-Nitrophenol	ND		1530	1220		ug/Kg	☼	80	21 - 120	15	40
3,3'-Dichlorobenzidine	ND		3070	2410		ug/Kg	☼	79	10 - 143	7	40
3-Nitroaniline	ND		1530	1130		ug/Kg	☼	74	10 - 120	4	40

Method: 8270E - Semivolatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: 240-213548-1 MSD
Matrix: Solid
Analysis Batch: 633435

Client Sample ID: SB-14-12-14
Prep Type: Total/NA
Prep Batch: 633291

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
4,6-Dinitro-2-methylphenol	ND		3070	934		ug/Kg	☼	30	10 - 120	25	40
4-Bromophenyl phenyl ether	ND		1530	1420		ug/Kg	☼	93	39 - 120	1	40
4-Chloro-3-methylphenol	ND		1530	1090		ug/Kg	☼	71	26 - 120	13	40
4-Chloroaniline	ND		1530	1010		ug/Kg	☼	66	19 - 120	3	40
4-Chlorophenyl phenyl ether	ND		1530	1260		ug/Kg	☼	82	37 - 120	4	40
4-Nitroaniline	ND		1530	1130		ug/Kg	☼	74	22 - 120	4	40
4-Nitrophenol	ND		3070	2420		ug/Kg	☼	79	18 - 124	1	40
Acenaphthene	ND		1530	1140		ug/Kg	☼	74	26 - 120	6	40
Acenaphthylene	ND		1530	1220		ug/Kg	☼	80	25 - 120	7	40
Acetophenone	ND		1530	1160		ug/Kg	☼	76	32 - 120	4	40
Anthracene	ND		1530	1420		ug/Kg	☼	93	25 - 121	2	40
Atrazine	ND		3070	2940		ug/Kg	☼	96	43 - 130	7	40
Benzaldehyde	ND		3070	2030		ug/Kg	☼	66	27 - 120	8	40
Benzo[a]anthracene	ND		1530	1350		ug/Kg	☼	88	21 - 130	6	40
Benzo[a]pyrene	ND		1530	1360		ug/Kg	☼	89	12 - 131	5	40
Benzo[b]fluoranthene	ND		1530	1360		ug/Kg	☼	89	14 - 134	4	40
Benzo[g,h,i]perylene	ND		1530	1380		ug/Kg	☼	90	10 - 145	7	40
Benzo[k]fluoranthene	ND		1530	1370		ug/Kg	☼	89	18 - 126	4	40
Bis(2-chloroethoxy)methane	ND		1530	1210		ug/Kg	☼	79	28 - 120	8	40
Bis(2-chloroethyl)ether	ND		1530	1080		ug/Kg	☼	70	23 - 120	8	40
Bis(2-ethylhexyl) phthalate	ND		1530	1330		ug/Kg	☼	87	24 - 131	6	40
Butyl benzyl phthalate	ND		1530	1330		ug/Kg	☼	87	41 - 120	4	40
Caprolactam	ND		3070	1900		ug/Kg	☼	62	28 - 120	3	35
Carbazole	ND		1530	1370		ug/Kg	☼	89	40 - 120	8	40
Chrysene	ND		1530	1290		ug/Kg	☼	84	20 - 126	4	40
Dibenz(a,h)anthracene	ND		1530	1420		ug/Kg	☼	93	10 - 141	6	40
Dibenzofuran	ND		1530	1200		ug/Kg	☼	78	35 - 120	4	40
Diethyl phthalate	ND		1530	1240		ug/Kg	☼	81	33 - 120	1	40
Dimethyl phthalate	ND		1530	931		ug/Kg	☼	61	15 - 120	29	40
Di-n-butyl phthalate	ND		1530	1450		ug/Kg	☼	95	25 - 132	6	40
Di-n-octyl phthalate	ND		1530	1310		ug/Kg	☼	86	37 - 120	4	40
Fluoranthene	ND		1530	1530		ug/Kg	☼	100	18 - 139	6	40
Fluorene	ND		1530	1270		ug/Kg	☼	83	29 - 120	5	40
Hexachlorobenzene	ND		1530	1400		ug/Kg	☼	91	36 - 120	2	40
Hexachlorobutadiene	ND		1530	982		ug/Kg	☼	64	18 - 120	19	40
Hexachlorocyclopentadiene	ND		1530	220	J	ug/Kg	☼	14	10 - 120	22	40
Hexachloroethane	ND		1530	868		ug/Kg	☼	57	14 - 120	10	40
Indeno[1,2,3-cd]pyrene	ND		1530	1460		ug/Kg	☼	95	10 - 143	4	40
Isophorone	ND		1530	1260		ug/Kg	☼	82	33 - 120	6	40
N-Nitrosodi-n-propylamine	ND		1530	1220		ug/Kg	☼	80	33 - 120	6	40
N-Nitrosodiphenylamine	ND		1530	1360		ug/Kg	☼	89	35 - 120	0	40
Naphthalene	ND		1530	1090		ug/Kg	☼	71	17 - 120	14	40
Nitrobenzene	ND		1530	1160		ug/Kg	☼	76	25 - 120	9	40
Pentachlorophenol	ND		3070	1570		ug/Kg	☼	51	10 - 120	2	40
Phenanthrene	ND		1530	1360		ug/Kg	☼	89	18 - 122	1	40
Phenol	ND		1530	1160		ug/Kg	☼	76	29 - 120	8	40
Pyrene	ND		1530	1340		ug/Kg	☼	87	18 - 136	3	40
3 & 4 Methylphenol	ND		1530	1220		ug/Kg	☼	79	30 - 120	3	40

Method: 8270E - Semivolatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: 240-213548-1 MSD
Matrix: Solid
Analysis Batch: 633435

Client Sample ID: SB-14-12-14
Prep Type: Total/NA
Prep Batch: 633291

Surrogate	MSD %Recovery	MSD Qualifier	Limits
Terphenyl-d14 (Surr)	*75*		*37 - 120*
Phenol-d5 (Surr)	*69*		*29 - 120*
Nitrobenzene-d5 (Surr)	*66*		*28 - 120*
2-Fluorophenol (Surr)	*72*		*26 - 120*
2-Fluorobiphenyl (Surr)	*68*		*36 - 120*
2,4,6-Tribromophenol (Surr)	*75*		*10 - 120*

Method: 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Lab Sample ID: MB 240-632500/1-A
Matrix: Solid
Analysis Batch: 632629

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 632500

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aroclor-1016	ND		50	25	ug/Kg		10/25/24 10:51	10/28/24 11:20	1
Aroclor-1221	ND		50	30	ug/Kg		10/25/24 10:51	10/28/24 11:20	1
Aroclor-1232	ND		50	21	ug/Kg		10/25/24 10:51	10/28/24 11:20	1
Aroclor-1242	ND		50	19	ug/Kg		10/25/24 10:51	10/28/24 11:20	1
Aroclor-1248	ND		50	17	ug/Kg		10/25/24 10:51	10/28/24 11:20	1
Aroclor-1254	ND		50	21	ug/Kg		10/25/24 10:51	10/28/24 11:20	1
Aroclor-1260	ND		50	21	ug/Kg		10/25/24 10:51	10/28/24 11:20	1
Aroclor-1262	ND		50	22	ug/Kg		10/25/24 10:51	10/28/24 11:20	1
Aroclor-1268	ND		50	16	ug/Kg		10/25/24 10:51	10/28/24 11:20	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
Tetrachloro-m-xylene	*90*		*10 - 149*	*10/25/24 10:51*	*10/28/24 11:20*	*1*
DCB Decachlorobiphenyl	*96*		*10 - 174*	*10/25/24 10:51*	*10/28/24 11:20*	*1*

Lab Sample ID: LCS 240-632500/2-A
Matrix: Solid
Analysis Batch: 632629

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 632500

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
Aroclor-1016			1000	707		ug/Kg		71	28 - 140		
Aroclor-1260			1000	890		ug/Kg		89	39 - 153		

Surrogate	LCS %Recovery	LCS Qualifier	Limits
Tetrachloro-m-xylene	*81*		*10 - 149*
DCB Decachlorobiphenyl	*92*		*10 - 174*

Lab Sample ID: 240-213548-1 MS
Matrix: Solid
Analysis Batch: 632629

Client Sample ID: SB-14-12-14
Prep Type: Total/NA
Prep Batch: 632500

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits		
Aroclor-1016	ND		1140	760		ug/Kg	☼	67	10 - 146		
Aroclor-1260	ND		1140	941		ug/Kg	☼	83	10 - 158		

Method: 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography (Continued)

Lab Sample ID: 240-213548-1 MS
Matrix: Solid
Analysis Batch: 632629

Client Sample ID: SB-14-12-14
Prep Type: Total/NA
Prep Batch: 632500

Surrogate	*MS %Recovery*	*MS Qualifier*	*Limits*
Tetrachloro-m-xylene	*77*		*10 - 149*
DCB Decachlorobiphenyl	*89*		*10 - 174*

Lab Sample ID: 240-213548-1 MSD
Matrix: Solid
Analysis Batch: 632629

Client Sample ID: SB-14-12-14
Prep Type: Total/NA
Prep Batch: 632500

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Aroclor-1016	ND		1160	701		ug/Kg	☼	61	10 - 146	8	40
Aroclor-1260	ND		1160	873		ug/Kg	☼	75	10 - 158	8	40

Surrogate	*MSD %Recovery*	*MSD Qualifier*	*Limits*
Tetrachloro-m-xylene	*71*		*10 - 149*
DCB Decachlorobiphenyl	*82*		*10 - 174*

Method: 6010D - Metals (ICP)

Lab Sample ID: MB 240-632326/1-A
Matrix: Solid
Analysis Batch: 632536

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 632326

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	ND		1.5	0.32	mg/Kg		10/24/24 15:00	10/26/24 02:08	1
Barium	ND		20	0.13	mg/Kg		10/24/24 15:00	10/26/24 02:08	1
Cadmium	ND		0.50	0.048	mg/Kg		10/24/24 15:00	10/26/24 02:08	1
Chromium	ND		1.0	0.34	mg/Kg		10/24/24 15:00	10/26/24 02:08	1
Copper	ND		2.5	0.70	mg/Kg		10/24/24 15:00	10/26/24 02:08	1
Lead	ND		1.0	0.28	mg/Kg		10/24/24 15:00	10/26/24 02:08	1
Selenium	ND		2.0	0.47	mg/Kg		10/24/24 15:00	10/26/24 02:08	1
Silver	ND		1.0	0.081	mg/Kg		10/24/24 15:00	10/26/24 02:08	1
Zinc	ND		5.0	3.6	mg/Kg		10/24/24 15:00	10/26/24 02:08	1

Lab Sample ID: LCS 240-632326/2-A
Matrix: Solid
Analysis Batch: 632536

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 632326

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Arsenic	200	193		mg/Kg		97	80 - 120
Barium	200	193		mg/Kg		96	80 - 120
Cadmium	100	94.5		mg/Kg		94	80 - 120
Chromium	100	95.9		mg/Kg		96	80 - 120
Copper	100	90.1		mg/Kg		90	80 - 120
Lead	100	87.1		mg/Kg		87	80 - 120
Selenium	200	187		mg/Kg		93	80 - 120
Silver	10.0	8.72		mg/Kg		87	80 - 120
Zinc	100	94.4		mg/Kg		94	80 - 120

Method: 6010D - Metals (ICP) (Continued)

Lab Sample ID: 240-213548-1 MS
Matrix: Solid
Analysis Batch: 632536

Client Sample ID: SB-14-12-14
Prep Type: Total/NA
Prep Batch: 632326

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Arsenic	15		217	209		mg/Kg	☼	89	75 - 125
Barium	41		217	236		mg/Kg	☼	90	75 - 125
Cadmium	0.054	J	108	95.0		mg/Kg	☼	88	75 - 125
Chromium	15		108	114		mg/Kg	☼	91	75 - 125
Copper	20		108	112		mg/Kg	☼	85	75 - 125
Lead	11		108	94.2		mg/Kg	☼	76	75 - 125
Selenium	ND		217	186		mg/Kg	☼	86	75 - 125
Silver	ND		10.8	8.62		mg/Kg	☼	79	75 - 125
Zinc	60		108	168		mg/Kg	☼	99	75 - 125

Lab Sample ID: 240-213548-1 MSD
Matrix: Solid
Analysis Batch: 632536

Client Sample ID: SB-14-12-14
Prep Type: Total/NA
Prep Batch: 632326

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Arsenic	15		217	209		mg/Kg	☼	89	75 - 125	0	20
Barium	41		217	237		mg/Kg	☼	90	75 - 125	1	20
Cadmium	0.054	J	108	94.8		mg/Kg	☼	87	75 - 125	0	20
Chromium	15		108	113		mg/Kg	☼	90	75 - 125	1	20
Copper	20		108	110		mg/Kg	☼	84	75 - 125	1	20
Lead	11		108	94.7		mg/Kg	☼	77	75 - 125	1	20
Selenium	ND		217	186		mg/Kg	☼	86	75 - 125	0	20
Silver	ND		10.8	8.57		mg/Kg	☼	79	75 - 125	1	20
Zinc	60		108	170		mg/Kg	☼	101	75 - 125	1	20

Method: 7471B - Mercury (CVAA)

Lab Sample ID: MB 240-632328/1-A
Matrix: Solid
Analysis Batch: 632513

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 632328

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	ND		0.10	0.018	mg/Kg		10/24/24 15:00	10/25/24 09:32	1

Lab Sample ID: LCS 240-632328/2-A
Matrix: Solid
Analysis Batch: 632513

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 632328

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Mercury	0.833	0.904		mg/Kg		108	80 - 120

Lab Sample ID: 240-213548-1 MS
Matrix: Solid
Analysis Batch: 632513

Client Sample ID: SB-14-12-14
Prep Type: Total/NA
Prep Batch: 632328

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Mercury	ND		0.213	0.230		mg/Kg	☼	108	80 - 120

Method: 7471B - Mercury (CVAA) (Continued)

Lab Sample ID: 240-213548-1 MSD
Matrix: Solid
Analysis Batch: 632513

Client Sample ID: SB-14-12-14
Prep Type: Total/NA
Prep Batch: 632328

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Mercury	ND		0.213	0.230		mg/Kg	☼	108	80 - 120	0	20

Method: 7196A - Chromium, Hexavalent

Lab Sample ID: MB 410-571031/1-A
Matrix: Solid
Analysis Batch: 571223

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 571031

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cr (VI)	ND		0.42	0.14	mg/Kg		11/04/24 10:22	11/04/24 21:15	1

Lab Sample ID: LCS 410-571031/2-A
Matrix: Solid
Analysis Batch: 571223

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 571031

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Cr (VI)	5.00	4.71		mg/Kg		94	80 - 120

Lab Sample ID: LCSI 410-571031/3-A
Matrix: Solid
Analysis Batch: 571223

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 571031

Analyte	Spike Added	LCSI Result	LCSI Qualifier	Unit	D	%Rec	%Rec Limits
Cr (VI)	695	628		mg/Kg		90	80 - 120

Lab Sample ID: MB 410-571034/1-A
Matrix: Solid
Analysis Batch: 571645

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 571034

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cr (VI)	ND		0.42	0.14	mg/Kg		11/04/24 11:49	11/05/24 18:28	1

Lab Sample ID: LCS 410-571034/2-A
Matrix: Solid
Analysis Batch: 571645

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 571034

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Cr (VI)	5.00	5.05		mg/Kg		101	80 - 120

Lab Sample ID: LCSI 410-571034/3-A
Matrix: Solid
Analysis Batch: 571645

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 571034

Analyte	Spike Added	LCSI Result	LCSI Qualifier	Unit	D	%Rec	%Rec Limits
Cr (VI)	695	680		mg/Kg		98	80 - 120

Method: 7196A - Chromium, Hexavalent (Continued)

Lab Sample ID: 240-213548-1 MSI — **Client Sample ID: SB-14-12-14**
Matrix: Solid — **Prep Type: Total/NA**
Analysis Batch: 571645 — **Prep Batch: 571034**

Analyte	Sample Result	Sample Qualifier	Spike Added	MSI Result	MSI Qualifier	Unit	D	%Rec	%Rec Limits
Cr (VI)	ND		858	823		mg/Kg	☼	96	75 - 125

Lab Sample ID: 240-213548-1 MSS — **Client Sample ID: SB-14-12-14**
Matrix: Solid — **Prep Type: Total/NA**
Analysis Batch: 571645 — **Prep Batch: 571034**

Analyte	Sample Result	Sample Qualifier	Spike Added	MSS Result	MSS Qualifier	Unit	D	%Rec	%Rec Limits
Cr (VI)	ND		46.0	43.7		mg/Kg	☼	95	75 - 125

Lab Sample ID: 240-213548-1 DU — **Client Sample ID: SB-14-12-14**
Matrix: Solid — **Prep Type: Total/NA**
Analysis Batch: 571645 — **Prep Batch: 571034**

Analyte	Sample Result	Sample Qualifier	DU Result	DU Qualifier	Unit	D	RPD	RPD Limit
Cr (VI)	ND		ND		mg/Kg	☼	NC	20

Method: 9012B - Cyanide, Total andor Amenable

Lab Sample ID: MB 240-633514/1-A — **Client Sample ID: Method Blank**
Matrix: Solid — **Prep Type: Total/NA**
Analysis Batch: 633601 — **Prep Batch: 633514**

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cyanide, Total	ND		0.45	0.35	mg/Kg		11/01/24 10:13	11/01/24 12:30	1

Lab Sample ID: LCS 240-633514/2-A — **Client Sample ID: Lab Control Sample**
Matrix: Solid — **Prep Type: Total/NA**
Analysis Batch: 633601 — **Prep Batch: 633514**

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Cyanide, Total	7.01	6.80		mg/Kg		97	65 - 128

Lab Sample ID: 240-213548-1 MS — **Client Sample ID: SB-14-12-14**
Matrix: Solid — **Prep Type: Total/NA**
Analysis Batch: 633601 — **Prep Batch: 633514**

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Cyanide, Total	ND		0.985	1.09		mg/Kg	☼	111	24 - 140

Lab Sample ID: 240-213548-1 MSD — **Client Sample ID: SB-14-12-14**
Matrix: Solid — **Prep Type: Total/NA**
Analysis Batch: 633601 — **Prep Batch: 633514**

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Cyanide, Total	ND		1.31	1.48		mg/Kg	☼	113	24 - 140	30	40

Method: 9012B - Cyanide, Total andor Amenable (Continued)

Lab Sample ID: MRL 240-633601/10
Matrix: Solid
Analysis Batch: 633601

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	MRL Result	MRL Qualifier	Unit	D	%Rec	%Rec Limits
Cyanide, Total	0.0100	0.0118		mg/L		118	70 - 130

Lab Sample ID: MB 240-633606/1-A
Matrix: Solid
Analysis Batch: 633808

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 633606

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cyanide, Total	ND		0.50	0.40	mg/Kg		11/01/24 15:14	11/01/24 17:04	1

Lab Sample ID: LCS 240-633606/2-A
Matrix: Solid
Analysis Batch: 633808

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 633606

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Cyanide, Total	8.18	7.78		mg/Kg		95	65 - 128

Method: Moisture - Percent Moisture

Lab Sample ID: 240-213548-1 DU
Matrix: Solid
Analysis Batch: 632106

Client Sample ID: SB-14-12-14
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	DU Result	DU Qualifier	Unit	D	RPD	RPD Limit
Percent Solids	87.0		87.1		%		0.2	20
Percent Moisture	13.0		12.9		%		1	20

Method: OIA-1677 - Cyanide, Free (Flow Injection)

Lab Sample ID: MB 410-572293/17
Matrix: Solid
Analysis Batch: 572293

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cyanide, Free	ND		0.0060	0.0050	mg/L			11/06/24 11:15	1

Lab Sample ID: MB 410-572293/33
Matrix: Solid
Analysis Batch: 572293

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cyanide, Free	ND		0.0060	0.0050	mg/L			11/06/24 11:55	1

Lab Sample ID: LCS 410-572293/16
Matrix: Solid
Analysis Batch: 572293

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Cyanide, Free	0.0500	0.0556		mg/L		111	82 - 132

Method: OIA-1677 - Cyanide, Free (Flow Injection) (Continued)

Lab Sample ID: LCS 410-572293/32
Matrix: Solid
Analysis Batch: 572293

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
Cyanide, Free			0.0500	0.0555		mg/L		111	82 - 132		

Lab Sample ID: MB 410-573104/33
Matrix: Solid
Analysis Batch: 573104

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cyanide, Free	ND		0.0060	0.0050	mg/L			11/08/24 14:06	1

Lab Sample ID: MB 410-573104/49
Matrix: Solid
Analysis Batch: 573104

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cyanide, Free	ND		0.0060	0.0050	mg/L			11/08/24 14:47	1

Lab Sample ID: LCS 410-573104/48
Matrix: Solid
Analysis Batch: 573104

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
Cyanide, Free			0.0500	0.0450		mg/L		90	82 - 132		

Lab Sample ID: 240-213548-1 MS
Matrix: Solid
Analysis Batch: 573104

Client Sample ID: SB-14-12-14
Prep Type: ASTM Leach

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits		
Cyanide, Free	ND		0.0500	0.0526		mg/L		105	82 - 130		

Lab Sample ID: 240-213548-1 MSD
Matrix: Solid
Analysis Batch: 573104

Client Sample ID: SB-14-12-14
Prep Type: ASTM Leach

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Cyanide, Free	ND		0.0500	0.0577		mg/L		115	82 - 130	9	11

GC/MS VOA

Analysis Batch: 632400

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
240-213548-1	SB-14-12-14	Total/NA	Solid	8260D	632517
240-213548-2	SB-14-18-20	Total/NA	Solid	8260D	632517
240-213548-3	SB-12-14-16	Total/NA	Solid	8260D	632517
240-213548-4	SB-DUP-4	Total/NA	Solid	8260D	632517
240-213548-5	SB-12-18-20	Total/NA	Solid	8260D	632517
240-213548-6	SB-12-6-8	Total/NA	Solid	8260D	632517
240-213548-7	SB-14-6-8	Total/NA	Solid	8260D	632517
MB 240-632400/8	Method Blank	Total/NA	Solid	8260D	
LCS 240-632400/6	Lab Control Sample	Total/NA	Solid	8260D	
240-213548-1 MS	SB-14-12-14	Total/NA	Solid	8260D	632517
240-213548-1 MSD	SB-14-12-14	Total/NA	Solid	8260D	632517

Prep Batch: 632517

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
240-213548-1	SB-14-12-14	Total/NA	Solid	5030C	
240-213548-2	SB-14-18-20	Total/NA	Solid	5030C	
240-213548-3	SB-12-14-16	Total/NA	Solid	5030C	
240-213548-4	SB-DUP-4	Total/NA	Solid	5030C	
240-213548-5	SB-12-18-20	Total/NA	Solid	5030C	
240-213548-6	SB-12-6-8	Total/NA	Solid	5030C	
240-213548-7	SB-14-6-8	Total/NA	Solid	5030C	
240-213548-1 MS	SB-14-12-14	Total/NA	Solid	5030C	
240-213548-1 MSD	SB-14-12-14	Total/NA	Solid	5030C	

Analysis Batch: 633325

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
240-213548-8	TB-14-20241021	Total/NA	Water	8260D	
MB 240-633325/7	Method Blank	Total/NA	Water	8260D	
LCS 240-633325/4	Lab Control Sample	Total/NA	Water	8260D	

GC/MS Semi VOA

Prep Batch: 632253

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
240-213548-2	SB-14-18-20	Total/NA	Solid	3546	
240-213548-3	SB-12-14-16	Total/NA	Solid	3546	
240-213548-4	SB-DUP-4	Total/NA	Solid	3546	
240-213548-5	SB-12-18-20	Total/NA	Solid	3546	
240-213548-6	SB-12-6-8	Total/NA	Solid	3546	
240-213548-7	SB-14-6-8	Total/NA	Solid	3546	
MB 240-632253/1-A	Method Blank	Total/NA	Solid	3546	
LCS 240-632253/2-A	Lab Control Sample	Total/NA	Solid	3546	

Analysis Batch: 632649

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
240-213548-2	SB-14-18-20	Total/NA	Solid	8270E	632253
240-213548-3	SB-12-14-16	Total/NA	Solid	8270E	632253
240-213548-4	SB-DUP-4	Total/NA	Solid	8270E	632253
240-213548-5	SB-12-18-20	Total/NA	Solid	8270E	632253
240-213548-6	SB-12-6-8	Total/NA	Solid	8270E	632253
240-213548-7	SB-14-6-8	Total/NA	Solid	8270E	632253

GC/MS Semi VOA (Continued)

Analysis Batch: 632649 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
MB 240-632253/1-A	Method Blank	Total/NA	Solid	8270E	632253
LCS 240-632253/2-A	Lab Control Sample	Total/NA	Solid	8270E	632253

Prep Batch: 633291

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
240-213548-1	SB-14-12-14	Total/NA	Solid	3546	
MB 240-633291/1-A	Method Blank	Total/NA	Solid	3546	
LCS 240-633291/2-A	Lab Control Sample	Total/NA	Solid	3546	
240-213548-1 MS	SB-14-12-14	Total/NA	Solid	3546	
240-213548-1 MSD	SB-14-12-14	Total/NA	Solid	3546	

Analysis Batch: 633435

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
240-213548-1	SB-14-12-14	Total/NA	Solid	8270E	633291
MB 240-633291/1-A	Method Blank	Total/NA	Solid	8270E	633291
LCS 240-633291/2-A	Lab Control Sample	Total/NA	Solid	8270E	633291
240-213548-1 MS	SB-14-12-14	Total/NA	Solid	8270E	633291
240-213548-1 MSD	SB-14-12-14	Total/NA	Solid	8270E	633291

GC Semi VOA

Prep Batch: 632500

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
240-213548-1	SB-14-12-14	Total/NA	Solid	3546	
240-213548-2	SB-14-18-20	Total/NA	Solid	3546	
240-213548-3	SB-12-14-16	Total/NA	Solid	3546	
240-213548-4	SB-DUP-4	Total/NA	Solid	3546	
240-213548-5	SB-12-18-20	Total/NA	Solid	3546	
240-213548-6	SB-12-6-8	Total/NA	Solid	3546	
240-213548-7	SB-14-6-8	Total/NA	Solid	3546	
MB 240-632500/1-A	Method Blank	Total/NA	Solid	3546	
LCS 240-632500/2-A	Lab Control Sample	Total/NA	Solid	3546	
240-213548-1 MS	SB-14-12-14	Total/NA	Solid	3546	
240-213548-1 MSD	SB-14-12-14	Total/NA	Solid	3546	

Analysis Batch: 632629

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
240-213548-1	SB-14-12-14	Total/NA	Solid	8082A	632500
240-213548-2	SB-14-18-20	Total/NA	Solid	8082A	632500
240-213548-3	SB-12-14-16	Total/NA	Solid	8082A	632500
240-213548-4	SB-DUP-4	Total/NA	Solid	8082A	632500
240-213548-5	SB-12-18-20	Total/NA	Solid	8082A	632500
240-213548-6	SB-12-6-8	Total/NA	Solid	8082A	632500
240-213548-7	SB-14-6-8	Total/NA	Solid	8082A	632500
MB 240-632500/1-A	Method Blank	Total/NA	Solid	8082A	632500
LCS 240-632500/2-A	Lab Control Sample	Total/NA	Solid	8082A	632500
240-213548-1 MS	SB-14-12-14	Total/NA	Solid	8082A	632500
240-213548-1 MSD	SB-14-12-14	Total/NA	Solid	8082A	632500

Metals

Prep Batch: 632326

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
240-213548-1	SB-14-12-14	Total/NA	Solid	3050B	
240-213548-2	SB-14-18-20	Total/NA	Solid	3050B	
240-213548-3	SB-12-14-16	Total/NA	Solid	3050B	
240-213548-4	SB-DUP-4	Total/NA	Solid	3050B	
240-213548-5	SB-12-18-20	Total/NA	Solid	3050B	
240-213548-6	SB-12-6-8	Total/NA	Solid	3050B	
240-213548-7	SB-14-6-8	Total/NA	Solid	3050B	
MB 240-632326/1-A	Method Blank	Total/NA	Solid	3050B	
LCS 240-632326/2-A	Lab Control Sample	Total/NA	Solid	3050B	
240-213548-1 MS	SB-14-12-14	Total/NA	Solid	3050B	
240-213548-1 MSD	SB-14-12-14	Total/NA	Solid	3050B	

Prep Batch: 632328

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
240-213548-1	SB-14-12-14	Total/NA	Solid	7471B	
240-213548-2	SB-14-18-20	Total/NA	Solid	7471B	
240-213548-3	SB-12-14-16	Total/NA	Solid	7471B	
240-213548-4	SB-DUP-4	Total/NA	Solid	7471B	
240-213548-5	SB-12-18-20	Total/NA	Solid	7471B	
240-213548-6	SB-12-6-8	Total/NA	Solid	7471B	
240-213548-7	SB-14-6-8	Total/NA	Solid	7471B	
MB 240-632328/1-A	Method Blank	Total/NA	Solid	7471B	
LCS 240-632328/2-A	Lab Control Sample	Total/NA	Solid	7471B	
240-213548-1 MS	SB-14-12-14	Total/NA	Solid	7471B	
240-213548-1 MSD	SB-14-12-14	Total/NA	Solid	7471B	

Analysis Batch: 632513

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
240-213548-1	SB-14-12-14	Total/NA	Solid	7471B	632328
240-213548-2	SB-14-18-20	Total/NA	Solid	7471B	632328
240-213548-3	SB-12-14-16	Total/NA	Solid	7471B	632328
240-213548-4	SB-DUP-4	Total/NA	Solid	7471B	632328
240-213548-5	SB-12-18-20	Total/NA	Solid	7471B	632328
240-213548-6	SB-12-6-8	Total/NA	Solid	7471B	632328
240-213548-7	SB-14-6-8	Total/NA	Solid	7471B	632328
MB 240-632328/1-A	Method Blank	Total/NA	Solid	7471B	632328
LCS 240-632328/2-A	Lab Control Sample	Total/NA	Solid	7471B	632328
240-213548-1 MS	SB-14-12-14	Total/NA	Solid	7471B	632328
240-213548-1 MSD	SB-14-12-14	Total/NA	Solid	7471B	632328

Analysis Batch: 632536

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
240-213548-1	SB-14-12-14	Total/NA	Solid	6010D	632326
240-213548-2	SB-14-18-20	Total/NA	Solid	6010D	632326
240-213548-3	SB-12-14-16	Total/NA	Solid	6010D	632326
240-213548-4	SB-DUP-4	Total/NA	Solid	6010D	632326
240-213548-5	SB-12-18-20	Total/NA	Solid	6010D	632326
240-213548-6	SB-12-6-8	Total/NA	Solid	6010D	632326
240-213548-7	SB-14-6-8	Total/NA	Solid	6010D	632326
MB 240-632326/1-A	Method Blank	Total/NA	Solid	6010D	632326
LCS 240-632326/2-A	Lab Control Sample	Total/NA	Solid	6010D	632326

Metals (Continued)

Analysis Batch: 632536 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
240-213548-1 MS	SB-14-12-14	Total/NA	Solid	6010D	632326
240-213548-1 MSD	SB-14-12-14	Total/NA	Solid	6010D	632326

General Chemistry

Leach Batch: 568952

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
240-213548-1	SB-14-12-14	ASTM Leach	Solid	D3987-85	
240-213548-2	SB-14-18-20	ASTM Leach	Solid	D3987-85	
240-213548-3	SB-12-14-16	ASTM Leach	Solid	D3987-85	
240-213548-4	SB-DUP-4	ASTM Leach	Solid	D3987-85	
240-213548-5	SB-12-18-20	ASTM Leach	Solid	D3987-85	
240-213548-6	SB-12-6-8	ASTM Leach	Solid	D3987-85	
240-213548-7	SB-14-6-8	ASTM Leach	Solid	D3987-85	
240-213548-1 MS	SB-14-12-14	ASTM Leach	Solid	D3987-85	
240-213548-1 MSD	SB-14-12-14	ASTM Leach	Solid	D3987-85	

Prep Batch: 571031

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
240-213548-7	SB-14-6-8	Total/NA	Solid	3060A	
MB 410-571031/1-A	Method Blank	Total/NA	Solid	3060A	
LCS 410-571031/2-A	Lab Control Sample	Total/NA	Solid	3060A	
LCSI 410-571031/3-A	Lab Control Sample	Total/NA	Solid	3060A	

Prep Batch: 571034

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
240-213548-1	SB-14-12-14	Total/NA	Solid	3060A	
240-213548-2	SB-14-18-20	Total/NA	Solid	3060A	
240-213548-3	SB-12-14-16	Total/NA	Solid	3060A	
240-213548-4	SB-DUP-4	Total/NA	Solid	3060A	
240-213548-5	SB-12-18-20	Total/NA	Solid	3060A	
240-213548-6	SB-12-6-8	Total/NA	Solid	3060A	
MB 410-571034/1-A	Method Blank	Total/NA	Solid	3060A	
LCS 410-571034/2-A	Lab Control Sample	Total/NA	Solid	3060A	
LCSI 410-571034/3-A	Lab Control Sample	Total/NA	Solid	3060A	
240-213548-1 MSI	SB-14-12-14	Total/NA	Solid	3060A	
240-213548-1 MSS	SB-14-12-14	Total/NA	Solid	3060A	
240-213548-1 DU	SB-14-12-14	Total/NA	Solid	3060A	

Analysis Batch: 571223

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
240-213548-7	SB-14-6-8	Total/NA	Solid	7196A	571031
MB 410-571031/1-A	Method Blank	Total/NA	Solid	7196A	571031
LCS 410-571031/2-A	Lab Control Sample	Total/NA	Solid	7196A	571031
LCSI 410-571031/3-A	Lab Control Sample	Total/NA	Solid	7196A	571031

Analysis Batch: 571645

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
240-213548-1	SB-14-12-14	Total/NA	Solid	7196A	571034
240-213548-2	SB-14-18-20	Total/NA	Solid	7196A	571034
240-213548-3	SB-12-14-16	Total/NA	Solid	7196A	571034

General Chemistry (Continued)

Analysis Batch: 571645 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
240-213548-4	SB-DUP-4	Total/NA	Solid	7196A	571034
240-213548-5	SB-12-18-20	Total/NA	Solid	7196A	571034
240-213548-6	SB-12-6-8	Total/NA	Solid	7196A	571034
MB 410-571034/1-A	Method Blank	Total/NA	Solid	7196A	571034
LCS 410-571034/2-A	Lab Control Sample	Total/NA	Solid	7196A	571034
LCSI 410-571034/3-A	Lab Control Sample	Total/NA	Solid	7196A	571034
240-213548-1 MSI	SB-14-12-14	Total/NA	Solid	7196A	571034
240-213548-1 MSS	SB-14-12-14	Total/NA	Solid	7196A	571034
240-213548-1 DU	SB-14-12-14	Total/NA	Solid	7196A	571034

Analysis Batch: 572293

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
240-213548-3	SB-12-14-16	ASTM Leach	Solid	OIA-1677	568952
240-213548-6	SB-12-6-8	ASTM Leach	Solid	OIA-1677	568952
240-213548-7	SB-14-6-8	ASTM Leach	Solid	OIA-1677	568952
MB 410-572293/17	Method Blank	Total/NA	Solid	OIA-1677	
MB 410-572293/33	Method Blank	Total/NA	Solid	OIA-1677	
LCS 410-572293/16	Lab Control Sample	Total/NA	Solid	OIA-1677	
LCS 410-572293/32	Lab Control Sample	Total/NA	Solid	OIA-1677	

Analysis Batch: 573104

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
240-213548-1	SB-14-12-14	ASTM Leach	Solid	OIA-1677	568952
240-213548-2	SB-14-18-20	ASTM Leach	Solid	OIA-1677	568952
240-213548-4	SB-DUP-4	ASTM Leach	Solid	OIA-1677	568952
240-213548-5	SB-12-18-20	ASTM Leach	Solid	OIA-1677	568952
MB 410-573104/33	Method Blank	Total/NA	Solid	OIA-1677	
MB 410-573104/49	Method Blank	Total/NA	Solid	OIA-1677	
LCS 410-573104/48	Lab Control Sample	Total/NA	Solid	OIA-1677	
240-213548-1 MS	SB-14-12-14	ASTM Leach	Solid	OIA-1677	568952
240-213548-1 MSD	SB-14-12-14	ASTM Leach	Solid	OIA-1677	568952

Analysis Batch: 632106

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
240-213548-1	SB-14-12-14	Total/NA	Solid	Moisture	
240-213548-2	SB-14-18-20	Total/NA	Solid	Moisture	
240-213548-3	SB-12-14-16	Total/NA	Solid	Moisture	
240-213548-4	SB-DUP-4	Total/NA	Solid	Moisture	
240-213548-5	SB-12-18-20	Total/NA	Solid	Moisture	
240-213548-6	SB-12-6-8	Total/NA	Solid	Moisture	
240-213548-7	SB-14-6-8	Total/NA	Solid	Moisture	
240-213548-1 DU	SB-14-12-14	Total/NA	Solid	Moisture	

Prep Batch: 633514

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
240-213548-1	SB-14-12-14	Total/NA	Solid	9012B	
240-213548-2	SB-14-18-20	Total/NA	Solid	9012B	
MB 240-633514/1-A	Method Blank	Total/NA	Solid	9012B	
LCS 240-633514/2-A	Lab Control Sample	Total/NA	Solid	9012B	
240-213548-1 MS	SB-14-12-14	Total/NA	Solid	9012B	
240-213548-1 MSD	SB-14-12-14	Total/NA	Solid	9012B	

QC Association Summary

Client: August Mack Environmental, Inc.
Project/Site: MSC Canfield - Soil/Surface Water

Job ID: 240-213548-1

General Chemistry

Analysis Batch: 633601

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
240-213548-1	SB-14-12-14	Total/NA	Solid	9012B	633514
240-213548-2	SB-14-18-20	Total/NA	Solid	9012B	633514
MB 240-633514/1-A	Method Blank	Total/NA	Solid	9012B	633514
LCS 240-633514/2-A	Lab Control Sample	Total/NA	Solid	9012B	633514
MRL 240-633601/10	Lab Control Sample	Total/NA	Solid	9012B	
240-213548-1 MS	SB-14-12-14	Total/NA	Solid	9012B	633514
240-213548-1 MSD	SB-14-12-14	Total/NA	Solid	9012B	633514

Prep Batch: 633606

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
240-213548-3	SB-12-14-16	Total/NA	Solid	9012B	
240-213548-4	SB-DUP-4	Total/NA	Solid	9012B	
240-213548-5	SB-12-18-20	Total/NA	Solid	9012B	
240-213548-6	SB-12-6-8	Total/NA	Solid	9012B	
240-213548-7	SB-14-6-8	Total/NA	Solid	9012B	
MB 240-633606/1-A	Method Blank	Total/NA	Solid	9012B	
LCS 240-633606/2-A	Lab Control Sample	Total/NA	Solid	9012B	

Analysis Batch: 633808

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
240-213548-3	SB-12-14-16	Total/NA	Solid	9012B	633606
240-213548-4	SB-DUP-4	Total/NA	Solid	9012B	633606
240-213548-5	SB-12-18-20	Total/NA	Solid	9012B	633606
240-213548-6	SB-12-6-8	Total/NA	Solid	9012B	633606
240-213548-7	SB-14-6-8	Total/NA	Solid	9012B	633606
MB 240-633606/1-A	Method Blank	Total/NA	Solid	9012B	633606
LCS 240-633606/2-A	Lab Control Sample	Total/NA	Solid	9012B	633606

Client Sample ID: SB-14-12-14
Lab Sample ID: 240-213548-1
Date Collected: 10/21/24 13:28
Matrix: Solid
Date Received: 10/22/24 16:10

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	Moisture		1	632106	AAP	EET CLE	10/23/24 15:51
ASTM Leach	Leach	D3987-85			568952	UNWS	ELLE	10/29/24 14:31 - 10/30/24 08:15 [1]
ASTM Leach	Analysis	OIA-1677		1	573104	UJE2	ELLE	11/08/24 16:02

Client Sample ID: SB-14-12-14
Lab Sample ID: 240-213548-1
Date Collected: 10/21/24 13:28
Matrix: Solid
Date Received: 10/22/24 16:10
Percent Solids: 87.0

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5030C			632517	TJL2	EET CLE	10/25/24 11:33
Total/NA	Analysis	8260D		1	632400	CS	EET CLE	10/25/24 17:56
Total/NA	Prep	3546			633291	BV1	EET CLE	10/31/24 08:53
Total/NA	Analysis	8270E		1	633435	LKG	EET CLE	11/01/24 09:47
Total/NA	Prep	3546			632500	NPR	EET CLE	10/25/24 10:51
Total/NA	Analysis	8082A		1	632629	LSH	EET CLE	10/28/24 09:30
Total/NA	Prep	3050B			632326	DEE	EET CLE	10/24/24 15:00
Total/NA	Analysis	6010D		1	632536	RKT	EET CLE	10/26/24 02:17
Total/NA	Prep	7471B			632328	DEE	EET CLE	10/24/24 15:00
Total/NA	Analysis	7471B		1	632513	S4FJ	EET CLE	10/25/24 09:35
Total/NA	Prep	3060A			571034	W2JF	ELLE	11/04/24 11:49
Total/NA	Analysis	7196A		1	571645	UDS7	ELLE	11/05/24 18:28
Total/NA	Prep	9012B			633514	C5SV	EET CLE	11/01/24 10:13
Total/NA	Analysis	9012B		1	633601	C5SV	EET CLE	11/01/24 13:06

Client Sample ID: SB-14-18-20
Lab Sample ID: 240-213548-2
Date Collected: 10/21/24 13:33
Matrix: Solid
Date Received: 10/22/24 16:10

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	Moisture		1	632106	AAP	EET CLE	10/23/24 15:51
ASTM Leach	Leach	D3987-85			568952	UNWS	ELLE	10/29/24 14:31 - 10/30/24 08:15 [1]
ASTM Leach	Analysis	OIA-1677		1	573104	UJE2	ELLE	11/08/24 14:59

Client Sample ID: SB-14-18-20
Lab Sample ID: 240-213548-2
Date Collected: 10/21/24 13:33
Matrix: Solid
Date Received: 10/22/24 16:10
Percent Solids: 87.5

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5030C			632517	TJL2	EET CLE	10/25/24 11:33
Total/NA	Analysis	8260D		1	632400	CS	EET CLE	10/25/24 19:21
Total/NA	Prep	3546			632253	L6TL	EET CLE	10/24/24 09:40
Total/NA	Analysis	8270E		1	632649	LKG	EET CLE	10/28/24 14:33
Total/NA	Prep	3546			632500	NPR	EET CLE	10/25/24 10:51
Total/NA	Analysis	8082A		1	632629	LSH	EET CLE	10/28/24 10:17

Lab Chronicle

Client: August Mack Environmental, Inc.
Job ID: 240-213548-1
Project/Site: MSC Canfield - Soil/Surface Water

Client Sample ID: SB-14-18-20
Lab Sample ID: 240-213548-2
Date Collected: 10/21/24 13:33
Matrix: Solid
Date Received: 10/22/24 16:10
Percent Solids: 87.5

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	3050B			632326	DEE	EET CLE	10/24/24 15:00
Total/NA	Analysis	6010D		1	632536	RKT	EET CLE	10/26/24 02:46
Total/NA	Prep	7471B			632328	DEE	EET CLE	10/24/24 15:00
Total/NA	Analysis	7471B		1	632513	S4FJ	EET CLE	10/25/24 09:41
Total/NA	Prep	3060A			571034	W2JF	ELLE	11/04/24 11:49
Total/NA	Analysis	7196A		1	571645	UDS7	ELLE	11/05/24 18:28
Total/NA	Prep	9012B			633514	C5SV	EET CLE	11/01/24 10:13
Total/NA	Analysis	9012B		1	633601	C5SV	EET CLE	11/01/24 13:12

Client Sample ID: SB-12-14-16
Lab Sample ID: 240-213548-3
Date Collected: 10/21/24 15:56
Matrix: Solid
Date Received: 10/22/24 16:10

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	Moisture		1	632106	AAP	EET CLE	10/23/24 15:51
ASTM Leach	Leach	D3987-85			568952	UNWS	ELLE	10/29/24 14:31 - 10/30/24 08:15 [1]
ASTM Leach	Analysis	OIA-1677		1	572293	UJE2	ELLE	11/06/24 13:07

Client Sample ID: SB-12-14-16
Lab Sample ID: 240-213548-3
Date Collected: 10/21/24 15:56
Matrix: Solid
Date Received: 10/22/24 16:10
Percent Solids: 87.1

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5030C			632517	TJL2	EET CLE	10/25/24 11:33
Total/NA	Analysis	8260D		1	632400	CS	EET CLE	10/25/24 19:42
Total/NA	Prep	3546			632253	L6TL	EET CLE	10/24/24 09:40
Total/NA	Analysis	8270E		1	632649	LKG	EET CLE	10/28/24 14:57
Total/NA	Prep	3546			632500	NPR	EET CLE	10/25/24 10:51
Total/NA	Analysis	8082A		1	632629	LSH	EET CLE	10/28/24 10:33
Total/NA	Prep	3050B			632326	DEE	EET CLE	10/24/24 15:00
Total/NA	Analysis	6010D		1	632536	RKT	EET CLE	10/26/24 02:51
Total/NA	Prep	7471B			632328	DEE	EET CLE	10/24/24 15:00
Total/NA	Analysis	7471B		1	632513	S4FJ	EET CLE	10/25/24 09:42
Total/NA	Prep	3060A			571034	W2JF	ELLE	11/04/24 11:49
Total/NA	Analysis	7196A		1	571645	UDS7	ELLE	11/05/24 18:28
Total/NA	Prep	9012B			633606	VH6H	EET CLE	11/01/24 15:14
Total/NA	Analysis	9012B		1	633808	VH6H	EET CLE	11/01/24 17:28

Client Sample ID: SB-DUP-4
Lab Sample ID: 240-213548-4
Date Collected: 10/21/24 00:00
Matrix: Solid
Date Received: 10/22/24 16:10

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	Moisture		1	632106	AAP	EET CLE	10/23/24 15:51

Client Sample ID: SB-DUP-4
Lab Sample ID: 240-213548-4

Date Collected: 10/21/24 00:00
Matrix: Solid
Date Received: 10/22/24 16:10

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
ASTM Leach	Leach	D3987-85			568952	UNWS	ELLE	10/29/24 14:31 - 10/30/24 08:15 [1]
ASTM Leach	Analysis	OIA-1677		1	573104	UJE2	ELLE	11/08/24 15:02

Client Sample ID: SB-DUP-4
Lab Sample ID: 240-213548-4

Date Collected: 10/21/24 00:00
Matrix: Solid
Date Received: 10/22/24 16:10
Percent Solids: 86.2

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5030C			632517	TJL2	EET CLE	10/25/24 11:33
Total/NA	Analysis	8260D		1	632400	CS	EET CLE	10/25/24 20:04
Total/NA	Prep	3546			632253	L6TL	EET CLE	10/24/24 09:40
Total/NA	Analysis	8270E		1	632649	LKG	EET CLE	10/28/24 15:45
Total/NA	Prep	3546			632500	NPR	EET CLE	10/25/24 10:51
Total/NA	Analysis	8082A		1	632629	LSH	EET CLE	10/28/24 10:49
Total/NA	Prep	3050B			632326	DEE	EET CLE	10/24/24 15:00
Total/NA	Analysis	6010D		1	632536	RKT	EET CLE	10/26/24 02:55
Total/NA	Prep	7471B			632328	DEE	EET CLE	10/24/24 15:00
Total/NA	Analysis	7471B		1	632513	S4FJ	EET CLE	10/25/24 09:44
Total/NA	Prep	3060A			571034	W2JF	ELLE	11/04/24 11:49
Total/NA	Analysis	7196A		1	571645	UDS7	ELLE	11/05/24 18:28
Total/NA	Prep	9012B			633606	VH6H	EET CLE	11/01/24 15:14
Total/NA	Analysis	9012B		1	633808	VH6H	EET CLE	11/01/24 17:30

Client Sample ID: SB-12-18-20
Lab Sample ID: 240-213548-5

Date Collected: 10/21/24 16:08
Matrix: Solid
Date Received: 10/22/24 16:10

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	Moisture		1	632106	AAP	EET CLE	10/23/24 15:51
ASTM Leach	Leach	D3987-85			568952	UNWS	ELLE	10/29/24 14:31 - 10/30/24 08:15 [1]
ASTM Leach	Analysis	OIA-1677		1	573104	UJE2	ELLE	11/08/24 15:04

Client Sample ID: SB-12-18-20
Lab Sample ID: 240-213548-5

Date Collected: 10/21/24 16:08
Matrix: Solid
Date Received: 10/22/24 16:10
Percent Solids: 89.0

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5030C			632517	TJL2	EET CLE	10/25/24 11:33
Total/NA	Analysis	8260D		1	632400	CS	EET CLE	10/25/24 20:25
Total/NA	Prep	3546			632253	L6TL	EET CLE	10/24/24 09:40
Total/NA	Analysis	8270E		1	632649	LKG	EET CLE	10/28/24 16:09
Total/NA	Prep	3546			632500	NPR	EET CLE	10/25/24 10:51
Total/NA	Analysis	8082A		1	632629	LSH	EET CLE	10/28/24 11:04
Total/NA	Prep	3050B			632326	DEE	EET CLE	10/24/24 15:00
Total/NA	Analysis	6010D		1	632536	RKT	EET CLE	10/26/24 02:59

Lab Chronicle

Client: August Mack Environmental, Inc.
Job ID: 240-213548-1
Project/Site: MSC Canfield - Soil/Surface Water

Client Sample ID: SB-12-18-20
Lab Sample ID: 240-213548-5
Date Collected: 10/21/24 16:08
Matrix: Solid
Date Received: 10/22/24 16:10
Percent Solids: 89.0

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	7471B			632328	DEE	EET CLE	10/24/24 15:00
Total/NA	Analysis	7471B		1	632513	S4FJ	EET CLE	10/25/24 09:49
Total/NA	Prep	3060A			571034	W2JF	ELLE	11/04/24 11:49
Total/NA	Analysis	7196A		1	571645	UDS7	ELLE	11/05/24 18:28
Total/NA	Prep	9012B			633606	VH6H	EET CLE	11/01/24 15:14
Total/NA	Analysis	9012B		1	633808	VH6H	EET CLE	11/01/24 17:48

Client Sample ID: SB-12-6-8
Lab Sample ID: 240-213548-6
Date Collected: 10/21/24 15:45
Matrix: Solid
Date Received: 10/22/24 16:10

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	Moisture		1	632106	AAP	EET CLE	10/23/24 15:51
ASTM Leach	Leach	D3987-85			568952	UNWS	ELLE	10/29/24 14:31 - 10/30/24 08:15 [1]
ASTM Leach	Analysis	OIA-1677		1	572293	UJE2	ELLE	11/06/24 12:57

Client Sample ID: SB-12-6-8
Lab Sample ID: 240-213548-6
Date Collected: 10/21/24 15:45
Matrix: Solid
Date Received: 10/22/24 16:10
Percent Solids: 87.5

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5030C			632517	TJL2	EET CLE	10/25/24 11:33
Total/NA	Analysis	8260D		1	632400	CS	EET CLE	10/25/24 20:46
Total/NA	Prep	3546			632253	L6TL	EET CLE	10/24/24 09:40
Total/NA	Analysis	8270E		1	632649	LKG	EET CLE	10/28/24 15:21
Total/NA	Prep	3546			632500	NPR	EET CLE	10/25/24 10:51
Total/NA	Analysis	8082A		1	632629	LSH	EET CLE	10/28/24 12:07
Total/NA	Prep	3050B			632326	DEE	EET CLE	10/24/24 15:00
Total/NA	Analysis	6010D		1	632536	RKT	EET CLE	10/26/24 03:04
Total/NA	Prep	7471B			632328	DEE	EET CLE	10/24/24 15:00
Total/NA	Analysis	7471B		1	632513	S4FJ	EET CLE	10/25/24 09:51
Total/NA	Prep	3060A			571034	W2JF	ELLE	11/04/24 11:49
Total/NA	Analysis	7196A		1	571645	UDS7	ELLE	11/05/24 18:28
Total/NA	Prep	9012B			633606	VH6H	EET CLE	11/01/24 15:14
Total/NA	Analysis	9012B		1	633808	VH6H	EET CLE	11/01/24 17:49

Client Sample ID: SB-14-6-8
Lab Sample ID: 240-213548-7
Date Collected: 10/21/24 13:20
Matrix: Solid
Date Received: 10/22/24 16:10

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	Moisture		1	632106	AAP	EET CLE	10/23/24 15:51
ASTM Leach	Leach	D3987-85			568952	UNWS	ELLE	10/29/24 14:31 - 10/30/24 08:15 [1]
ASTM Leach	Analysis	OIA-1677		1	572293	UJE2	ELLE	11/06/24 12:52

Lab Chronicle

Client: August Mack Environmental, Inc.
Job ID: 240-213548-1
Project/Site: MSC Canfield - Soil/Surface Water

Client Sample ID: SB-14-6-8
Lab Sample ID: 240-213548-7

Date Collected: 10/21/24 13:20
Matrix: Solid
Date Received: 10/22/24 16:10
Percent Solids: 84.7

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5030C			632517	TJL2	EET CLE	10/25/24 11:33
Total/NA	Analysis	8260D		1	632400	CS	EET CLE	10/25/24 21:08
Total/NA	Prep	3546			632253	L6TL	EET CLE	10/24/24 09:40
Total/NA	Analysis	8270E		1	632649	LKG	EET CLE	10/28/24 16:33
Total/NA	Prep	3546			632500	NPR	EET CLE	10/25/24 10:51
Total/NA	Analysis	8082A		1	632629	LSH	EET CLE	10/28/24 12:23
Total/NA	Prep	3050B			632326	DEE	EET CLE	10/24/24 15:00
Total/NA	Analysis	6010D		1	632536	RKT	EET CLE	10/26/24 03:08
Total/NA	Prep	7471B			632328	DEE	EET CLE	10/24/24 15:00
Total/NA	Analysis	7471B		1	632513	S4FJ	EET CLE	10/25/24 09:52
Total/NA	Prep	3060A			571031	W2JF	ELLE	11/04/24 11:48
Total/NA	Analysis	7196A		1	571223	UDS7	ELLE	11/04/24 21:15
Total/NA	Prep	9012B			633606	VH6H	EET CLE	11/01/24 15:14
Total/NA	Analysis	9012B		1	633808	VH6H	EET CLE	11/01/24 17:51

Client Sample ID: TB-14-20241021
Lab Sample ID: 240-213548-8

Date Collected: 10/21/24 00:00
Matrix: Water
Date Received: 10/22/24 16:10

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260D		1	633325	LEE	EET CLE	10/31/24 20:11

[1] This procedure uses a method stipulated length of time for the process. Both start and end times are displayed.

Laboratory References:

EET CLE = Eurofins Cleveland, 180 S. Van Buren Avenue, Barberton, OH 44203, TEL (330)497-9396

ELLE = Eurofins Lancaster Laboratories Environment Testing, LLC, 2425 New Holland Pike, Lancaster, PA 17601, TEL (717)656-2300

Accreditation/Certification Summary

Client: August Mack Environmental, Inc. Job ID: 240-213548-1
Project/Site: MSC Canfield - Soil/Surface Water

Laboratory: Eurofins Cleveland

All accreditations/certifications held by this laboratory are listed. Not all accreditations/certifications are applicable to this report.

Authority	Program	Identification Number	Expiration Date
California	State	2927	02-28-25
Connecticut	State	PH-0806	12-31-26
Georgia	State	4062	02-27-25
Illinois	NELAP	200004	08-31-25
Iowa	State	421	06-01-25
Kentucky (UST)	State	112225	02-27-25
Kentucky (WW)	State	KY98016	12-30-24
Minnesota	NELAP	039-999-348	12-31-24
New Hampshire	NELAP	225024	09-30-25
New Jersey	NELAP	OH001	07-03-25
New York	NELAP	10975	04-02-25
Ohio VAP	State	ORELAP 4062	02-27-25
Oregon	NELAP	4062	02-27-25
Pennsylvania	NELAP	68-00340	08-31-25
Texas	NELAP	T104704517-22-19	08-31-25
USDA	US Federal Programs	P330-18-00281	01-05-27
Virginia	NELAP	460175	09-14-25
West Virginia DEP	State	210	12-31-24

Laboratory: Eurofins Lancaster Laboratories Environment Testing, LLC

All accreditations/certifications held by this laboratory are listed. Not all accreditations/certifications are applicable to this report.

Authority	Program	Identification Number	Expiration Date
A2LA	Dept. of Defense ELAP	0001.01	11-30-26
A2LA	ISO/IEC 17025	0001.01	11-30-26
Alabama	State	43200	01-31-25
Alaska	State	PA00009	06-30-25
Alaska (UST)	State	17-027	02-28-25
Arizona	State	AZ0780	03-12-25
Arkansas DEQ	State	88-00660	08-09-25
California	State	2792	11-30-24
Colorado	State	PA00009	06-30-25
Connecticut	State	PH-0746	06-30-25
DE Haz. Subst. Cleanup Act (HSCA)	State	019-006 (PA cert)	01-31-25
Delaware (DW)	State	N/A	01-31-25
Florida	NELAP	E87997	06-30-25
Georgia (DW)	State	C048	01-31-25
Hawaii	State	N/A	01-31-25
Illinois	NELAP	200027	01-31-25
Iowa	State	361	03-01-26
Kansas	NELAP	E-10151	10-31-25
Kentucky (DW)	State	KY90088	12-31-24
Kentucky (UST)	State	0001.01	11-30-26
Kentucky (WW)	State	KY90088	12-31-24
Louisiana (All)	NELAP	02055	06-30-25
Maine	State	2019012	03-12-25
Maryland	State	100	06-30-25
Massachusetts	State	M-PA009	06-30-25
Michigan	State	9930	01-31-25
Minnesota	NELAP	042-999-487	12-31-24

Accreditation/Certification Summary

Client: August Mack Environmental, Inc. Job ID: 240-213548-1
Project/Site: MSC Canfield - Soil/Surface Water

Laboratory: Eurofins Lancaster Laboratories Environment Testing, LLC (Continued)

All accreditations/certifications held by this laboratory are listed. Not all accreditations/certifications are applicable to this report.

Authority	Program	Identification Number	Expiration Date
Mississippi	State	023	01-31-25
Missouri	State	450	01-31-25
Montana (DW)	State	0098	01-01-25
Nebraska	State	NE-OS-32-17	01-31-25
New Hampshire	NELAP	2730	01-10-25
New Jersey	NELAP	PA011	06-30-25
New York	NELAP	10670	04-01-25
North Carolina (DW)	State	42705	07-31-25
North Carolina (WW/SW)	State	521	12-31-25
North Dakota	State	R-205	01-31-24 *
Oklahoma	NELAP	9804	08-31-24 *
Oregon	NELAP	PA200001	09-11-25
Pennsylvania	NELAP	36-00037	01-31-25
Quebec Ministry of Environment and Fight against Climate Change	PALA	507	09-16-29
Rhode Island	State	LAO00338	12-30-24
South Carolina	State	89002	01-31-25
Tennessee	State	02838	01-31-25
Texas	NELAP	T104704194-23-46	08-31-25
USDA	US Federal Programs	525-22-298-19481	10-25-25
Vermont	State	VT - 36037	10-28-25
Virginia	NELAP	460182	06-14-25
Washington	State	C457	04-11-25
West Virginia (DW)	State	9906 C	01-31-25
West Virginia DEP	State	055	07-31-25
Wyoming	State	8TMS-L	01-31-25
Wyoming (UST)	A2LA	0001.01	11-30-26

* Accreditation/Certification renewal pending - accreditation/certification considered valid.

Eurofins Cleveland
180 S. Van Buren Avenue
Barberton, OH 44203
Phone (330) 497-9396 Phone (330) 497-0772

Chain of Custody Record

eurofins | Environment Testing

Client Information	Sampler:	Lab PM: Kalis, Nicole A	Carrier Tracking No(s):	COC No: 240-124901-43556.4
Client Contact: Kain Lager-Lowe	Phone:	E-Mail: Nicole.Kalis@et.eurofinsus.com	State of Origin:	Page: Page 4 of 12
Company: August Mack Environmental, Inc.	PWSID:			Job #:
Address: 7830 North Central Drive, Suite B	Due Date Requested:			
City: Lewis Center	TAT Requested (days):			
State, Zip: OH, 43035	Compliance Project: Δ Yes Δ No			
Phone: 740-548-1515(Tel)	PO #:			
Email: klagerlowe@augustmack.com	WO #:			
Project Name: MSC Canfield - Soil/Surface Water	Project #: DO NOT DELETE - 24033889			
Site:	SSOW#:			

Analysis Requested

Preservation Codes:
N - None
A - HCL
B - NaOH
D - HNO3
Other:

Sample Identification	Sample Date	Sample Time	Sample Type (C=Comp, G=grab)	Matrix (Wwater, Ssolid, Owaste/oil, BT=Tissue, A=Air)	Field Filtered Sample (Yes or No)	Perform MS/MSD (Yes or No)	8260D - VOCs	8270E - SVOCs	8082A - PCBs	6010D, 7471B - RCRA 8, Cu & Zn	9012B - Total Cyanide	7196A - Hexavalent Chromium	1677 - Free Cyanide	Total Number of containers	Special Instructions/Note:
			Preservation Code:				N	N	N	N	N	N	N		
SB-14-12-14	10/21/24	1328	G	Solid	N	N	X	X	X	X	X	X	X		
SB-14-12-14	10/21/24	1333	G	Solid	N	N	X	X	X	X	X	X	X		
SB-12-14-16	10/21/24	1556	G	Solid	N	N	X	X	X	X	X	X	X		
SB-Dup-4	10/21/24	/	G	Solid	N	N	X	X	X	X	X	X	X		
SB-12-18-20	10/21/24	1608	G	Solid	N	N	X	X	X	X	X	X	X		
SB-12-6-8	10/21/24	1545	G	Solid	N	N	X	X	X	X	X	X	X		
SB-14-12-14	10/21/24	1328	G	Solid	N	N	X	X	X	X	X	X	X		
~~SB-14-12-14~~				Solid											
+B-14-20241021	10/21/24	/	G	Solid	N	N	X								
				Solid											
				Solid											

240-213548 Chain of Custody

Possible Hazard Identification
☐ Non-Hazard ☐ Flammable ☐ Skin Irritant ☐ Poison B ☐ Unknown ☐ Radiological

Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)
☐ Return To Client ☐ Disposal By Lab ☐ Archive For _____ Months

Deliverable Requested: I, II, III, IV, Other (specify)

Special Instructions/QC Requirements:

Empty Kit Relinquished by:	Date:	Time:	Method of Shipment:

Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company
[signature]	10-22-24 / 1500	AME	[signature]	10/22/24 1500	EUR
Relinquished by: [signature]	Date/Time: 10-22-24 / 1610	Company EUR	Received by: JESSICA RIGDON	Date/Time: 10-22-24 1610	Company EETNC
Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company

Custody Seals Intact: Δ Yes Δ No	Custody Seal No.:	Cooler Temperature(s) °C and Other Remarks:

Eurofins – Cleveland Sample Receipt Form/Narrative Login # : 213548
Barberton Facility

Client August Mack Site Name

Cooler Received on 10.22.24 Opened on 10.23.24

Cooler unpacked by: JESSICA RIGDON

FedEx: 1st Grd Exp UPS FAS Waypoint Client Drop Off Eurofins Courier Other

Receipt After-hours Drop-off Date/Time Storage Location

Eurofins Cooler # EC Foam Box Client Cooler Box Other

Packing material used. Bubble Wrap Foam Plastic Bag None Other

COOLANT: Wet Ice Blue Ice Dry Ice Water None

1 Cooler temperature upon receipt ☒ See Multiple Cooler Form

IR GUN # 19 (CF +1.7 °C) Observed Cooler Temp °C Corrected Cooler Temp. °C

2. Were tamper/custody seals on the outside of the cooler(s)? If Yes Quantity	Yes (No)	**Tests that are not checked for pH by Receiving:** VOAs, Oil and Grease, TOC
-Were the seals on the outside of the cooler(s) signed & dated?	Yes No (NA)	
-Were tamper/custody seals on the bottle(s) or bottle kits (LLHg/MeHg)?	Yes (No)	
-Were tamper/custody seals intact and uncompromised?	Yes No (NA)	
3 Shippers' packing slip attached to the cooler(s)?	Yes (No)	
4. Did custody papers accompany the sample(s)?	(Yes) No	
5 Were the custody papers relinquished & signed in the appropriate place?	(Yes) No	
6 Was/were the person(s) who collected the samples clearly identified on the COC?	(Yes) No	
7 Did all bottles arrive in good condition (Unbroken)?	(Yes) No	
8 Could all bottle labels (ID/Date/Time) be reconciled with the COC?	(Yes) No	
9 For each sample, does the COC specify preservatives (Y/N), # of containers (Y/N), and sample type of grab/comp (Y/N)?		
10 Were correct bottle(s) used for the test(s) indicated?	(Yes) No	
11 Sufficient quantity received to perform indicated analyses?	(Yes) No	
12. Are these work share samples and all listed on the COC?	Yes (No)	
If yes, Questions 13-17 have been checked at the originating laboratory		
13 Were all preserved sample(s) at the correct pH upon receipt?	(Yes) No NA	pH Strip Lot# HC447997
14. Were VOAs on the COC?	(Yes) (No) DMF 10 23 24	
15 Were air bubbles >6 mm in any VOA vials? ● ← Larger than this.	Yes (No) NA	
16 Was a VOA trip blank present in the cooler(s)? Trip Blank Lot # 0115505	(Yes) No	
17 Was a LL Hg or Me Hg trip blank present?	Yes (No)	

Contacted PM Date by via Verbal Voice Mail Other

Concerning

18. CHAIN OF CUSTODY & SAMPLE DISCREPANCIES ☐ additional next page

Samples processed by:

Sample 1 SB-14-12 14 @1328 has an MS/MSD.
Sample 2 on COC = SB-14 12 14 on Containers = SB 14-18 20 @1333 ← logged per containers
Received an extra Sample: SB-14-6-8 @ 1320. (Logged last)
(not on COC) DMF 10 23 24

19 SAMPLE CONDITION

Sample(s) were received after the recommended holding time had expired.
Sample(s) were received in a broken container
Sample(s) were received with bubble >6 mm in diameter (Notify PM)

20. SAMPLE PRESERVATION

Sample(s) were further preserved in the laboratory
Time preserved. Preservative(s) added/Lot number(s).

VOA Sample Preservation - Date/Time VOAs Frozen.

Login # : 23548

11/8/2024

Eurofins - Cleveland Sample Receipt Multiple Cooler Form

Cooler Description (Circle)	IR Gun # (Circle)	Observed Temp °C	Corrected Temp °C	Coolant (Circle)
(EC) Client Box Other	IR GUN #: 19	4.4	6.1	(Wet Ice) Blue Ice Dry Ice Water None
(EC) Client Box Other	IR GUN #: 19	3.4	5.1	(Wet Ice) Blue Ice Dry Ice Water None
(EC) Client Box Other	IR GUN #: 19	4.2	5.9	(Wet Ice) Blue Ice Dry Ice Water None
(EC) Client Box Other	IR GUN #: 19	3.2	4.9	(Wet Ice) Blue Ice Dry Ice Water None
(EC) Client Box Other	IR GUN #: 19	2.7	4.4	(Wet Ice) Blue Ice Dry Ice Water None
(EC) Client Box Other	IR GUN #: 14	4.2	5.9	(Wet Ice) Blue Ice Dry Ice Water None
EC Client Box Other	IR GUN #:			Wet Ice

10/23/2024

Login Container Summary Report

240-213548

11/8/2024

Temperature readings. _____

Client Sample ID	Lab ID	Container Type	Container pH	Container Temp	Preservation Added	Preservation Lot Number
SB-14-12-14	240-213548-A-1	SnapCap 1/2 ounce unpreserved				
SB-14-12-14	240-213548-A-1 DU					
SB-14-12-14	240-213548-A-1 MS	Soil jar 2oz - clear glass				
SB-14-12-14	240-213548-A-1 MSD	Soil jar 2oz - clear glass				
SB-14-12-14	240-213548-B-1	Soil jar 2oz - clear glass				
SB-14-12-14	240-213548-B-1 MS	Soil jar 4oz - clear glass				
SB-14-12-14	240-213548-B-1 MSD	Soil jar 4oz - clear glass				
SB-14-12-14	240-213548-C-1	Soil jar 4oz - clear glass				
SB-14-12-14	240-213548-C-1 MS	Soil jar 4oz - clear glass				
SB-14-12-14	240-213548-C-1 MSD	Soil jar 4oz - clear glass				
SB-14-12-14	240-213548-D-1	Soil jar 4oz - clear glass				
SB-14-12-14	240-213548-D-1 MS	Soil jar 4oz - clear glass				
SB-14-12-14	240-213548-D-1 MSD	Soil jar 4oz - clear glass				
SB-14-12-14	240-213548-E-1	Soil jar 4oz - clear glass				
SB-14-12-14	240-213548-E-1 MS	Soil jar 4oz - clear glass				
SB-14-12-14	240-213548-E-1 MSD	Soil jar 4oz - clear glass				
SB-14-12-14	240-213548-F-1	Soil jar 4oz - clear glass				
SB-14-12-14	240-213548-F-1 MS	Soil jar 4oz - clear glass				
SB-14-12-14	240-213548-F-1 MSD	Soil jar 4oz - clear glass				
SB-14-12-14	240-213548-G-1	Soil jar 4oz - clear glass				
SB-14-18-20	240-213548-A-2	SnapCap 1/2 ounce unpreserved				
SB-14-18-20	240-213548-B-2	Soil jar 2oz - clear glass				
SB-14-18-20	240-213548-C-2	Soil jar 4oz - clear glass				
SB-14-18-20	240-213548-D-2	Soil jar 4oz - clear glass				
SB-14-18-20	240-213548-E-2	Soil jar 4oz - clear glass				
SB-14-18-20	240-213548-F-2	Soil jar 4oz - clear glass				
SB-14-18-20	240-213548-G-2	Soil jar 4oz - clear glass				
SB-12-14-16	240-213548-A-3	SnapCap 1/2 ounce unpreserved				
SB-12-14-16	240-213548-B-3	Soil jar 2oz - clear glass				
SB-12-14-16	240-213548-C-3	Soil jar 4oz - clear glass				
SB-12-14-16	240-213548-D-3	Soil jar 4oz - clear glass				
SB-12-14-16	240-213548-E-3	Soil jar 4oz - clear glass				

Client Sample ID	Lab ID	Container Type	Container pH	Container Temp	Preservation Added	Preservation Lot Number
SB-12-14-16	240-213548-F-3	Soil jar 4oz - clear glass				
SB-12-14-16	240-213548-G-3	Soil jar 4oz - clear glass				
SB-DUP-4	240-213548-A-4	SnapCap 1/2 ounce unpreserved				
SB-DUP-4	240-213548-B-4	Soil jar 2oz - clear glass				
SB-DUP-4	240-213548-C-4	Soil jar 4oz - clear glass				
SB-DUP-4	240-213548-D-4	Soil jar 4oz - clear glass				
SB-DUP-4	240-213548-E-4	Soil jar 4oz - clear glass				
SB-DUP-4	240-213548-F-4	Soil jar 4oz - clear glass				
SB-DUP-4	240-213548-G-4	Soil jar 4oz - clear glass				
SB-12-18-20	240-213548-A-5	SnapCap 1/2 ounce unpreserved				
SB-12-18-20	240-213548-B-5	Soil jar 2oz - clear glass				
SB-12-18-20	240-213548-C-5	Soil jar 4oz - clear glass				
SB-12-18-20	240-213548-D-5	Soil jar 4oz - clear glass				
SB-12-18-20	240-213548-E-5	Soil jar 4oz - clear glass				
SB-12-18-20	240-213548-F-5	Soil jar 4oz - clear glass				
SB-12-18-20	240-213548-G-5	Soil jar 4oz - clear glass				
SB-12-6-8	240-213548-A-6	SnapCap 1/2 ounce unpreserved				
SB-12-6-8	240-213548-B-6	Soil jar 2oz - clear glass				
SB-12-6-8	240-213548-C-6	Soil jar 4oz - clear glass				
SB-12-6-8	240-213548-D-6	Soil jar 4oz - clear glass				
SB-12-6-8	240-213548-E-6	Soil jar 4oz - clear glass				
SB-12-6-8	240-213548-F-6	Soil jar 4oz - clear glass				
SB-12-6-8	240-213548-G-6	Soil jar 4oz - clear glass				
SB-14-6-8	240-213548-A-7	SnapCap 1/2 ounce unpreserved				
SB-14-6-8	240-213548-B-7	Soil jar 2oz - clear glass				
SB-14-6-8	240-213548-C-7	Soil jar 4oz - clear glass				
SB-14-6-8	240-213548-D-7	Soil jar 4oz - clear glass				
SB-14-6-8	240-213548-E-7	Soil jar 4oz - clear glass				
SB-14-6-8	240-213548-F-7	Soil jar 4oz - clear glass				
SB-14-6-8	240-213548-G-7	Soil jar 4oz - clear glass				
TB-14-20241021	240-213548-A-8	Voa Vial 40ml - Hydrochloric Acid				

Eurofins Cleveland
180 S. Van Buren Avenue
Barberton, OH 44203
Phone: 330-497-9396 Fax: 330-497-0772

Chain of Custody Record

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Client Information (Sub Contract Lab)	Sampler: N/A	Lab PM: Kalis, Nicole A	Carrier Tracking No(s): N/A	COC No: 240-192638.1
Client Contact: Shipping/Receiving	Phone: N/A	E-Mail: Nicole.Kalis@et.eurofinsus.com	State of Origin: Ohio	Page: Page 1 of 1
Company: Eurofins Lancaster Laboratories Environm		Accreditations Required (See note): N/A		Job #: 240-213548-1
Address: 2425 New Holland Pike,	Due Date Requested: 11/4/2024			Preservation Codes: -
City: Lancaster	TAT Requested (days): N/A			
State, Zip: PA, 17601				
Phone: 717-656-2300(Tel)	PO #: N/A			
Email: N/A	WO #: N/A			
Project Name: MSC Canfield	Project #: 24033889			
Site: N/A	SSOW#: N/A			Other: N/A

Analysis Requested

Sample Identification - Client ID (Lab ID)	Sample Date	Sample Time	Sample Type (C=comp, G=grab)	Matrix (W=water, S=solid, O=waste/oil, BT=Tissue, A=Air)	Field Filtered Sample (Yes or No)	Perform MS/MSD (Yes or No)	1677_Free/ASTM_LEACH_NP Cyanide, Free	7196A/3060A Chromium, Hexavalent	Total Number of containers	Special Instructions/Note:
			Preservation Code:							
SB-14-12-14 (240-213548-1)	10/21/24	13:28 Eastern	G	Solid			X	X	2	Use caution! Site contaminated with solvent waste
SB-14-12-14 (240-213548-1MS)	10/21/24	13:28 Eastern	G	Solid			X	X	2	Use caution! Site contaminated with solvent waste
SB-14-12-14 (240-213548-1MSD)	10/21/24	13:28 Eastern	G	Solid			X	X	2	Use caution! Site contaminated with solvent waste
SB-14-18-20 (240-213548-2)	10/21/24	13:33 Eastern	G	Solid			X	X	2	Use caution! Site contaminated with solvent waste
SB-12-14-16 (240-213548-3)	10/21/24	15:56 Eastern	G	Solid			X	X	2	Use caution! Site contaminated with solvent waste
SB-DUP-4 (240-213548-4)	10/21/24	Eastern	G	Solid			X	X	2	Use caution! Site contaminated with solvent waste
SB-12-18-20 (240-213548-5)	10/21/24	16:08 Eastern	G	Solid			X	X	2	Use caution! Site contaminated with solvent waste
SB-12-6-8 (240-213548-6)	10/21/24	15:45 Eastern	G	Solid			X	X	2	Use caution! Site contaminated with solvent waste
SB-14-6-8 (240-213548-7)	10/21/24	13:20 Eastern	G	Solid			X	X	2	Use caution! Site contaminated with solvent waste

Note: Since laboratory accreditations are subject to change, Eurofins Environment Testing North Central, LLC places the ownership of method, analyte & accreditation compliance upon our subcontract laboratories. This sample shipment is forwarded under chain-of-custody. If the laboratory does not currently maintain accreditation in the State of Origin listed above for analysis/tests/matrix being analyzed, the samples must be shipped back to the Eurofins Environment Testing North Central, LLC laboratory or other instructions will be provided. Any changes to accreditation status should be brought to Eurofins Environment Testing North Central, LLC attention immediately. If all requested accreditations are current to date, return the signed Chain of Custody attesting to said compliance to Eurofins Environment Testing North Central, LLC.

Possible Hazard Identification *Unconfirmed*	***Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)*** ☐ *Return To Client* ☐ *Disposal By Lab* ☐ *Archive For* _____ *Months*
Deliverable Requested: I, II, III, IV, Other (specify) Primary Deliverable Rank: 2	Special Instructions/QC Requirements:

Empty Kit Relinquished by:	Date:	Time:	Method of Shipment:

Relinquished by: JESSICA RIGDON	Date/Time: 10-23-24 1600	Company: EETNC	Received by:	Date/Time:	Company
Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company
Relinquished by:	Date/Time:	Company	Received by: NL	Date/Time: 10/24/24 09:40	Company: ELLET

Custody Seals Intact: Δ Yes Δ No	Custody Seal No.:	Cooler Temperature(s) °C and Other Remarks: R0.5 - C0.1 R1.5 - C1.4 ③ MB 10-24-24

Ver: 10/10/2024 11/8/2024

Login Sample Receipt Checklist

Client: August Mack Environmental, Inc.

Job Number: 240-213548-1

Login Number: 213548
List Number: 2
Creator: Ballard, Megan

List Source: Eurofins Lancaster Laboratories Environment Testing, LLC
List Creation: 10/24/24 12:20 PM

Question	Answer	Comment
The cooler's custody seal is intact.	True	
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	True	
Cooler Temperature acceptable,where thermal pres is required(</=6C, not frozen).	True	
Cooler Temperature is recorded.	True	
WV:Container Temp acceptable,where thermal pres is required (</=6C, not frozen).	N/A	
WV: Container Temperature is recorded.	N/A	
COC is present.	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information.	True	
There are no discrepancies between the containers received and the COC.	True	
Sample containers have legible labels.	True	
Containers are not broken or leaking.	True	
Sample collection date/times are provided.	True	
Appropriate sample containers are used.	True	
Sample bottles are completely filled.	True	
There is sufficient vol. for all requested analyses.	True	
Is the Field Sampler's name present on COC?	False	Received project as a subcontract.
Sample custody seals are intact.	N/A	
VOA sample vials do not have headspace >6mm in diameter (none, if from WV)?	N/A	

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ANALYTICAL REPORT

PREPARED FOR

Attn: Kain Lager-Lowe
August Mack Environmental, Inc.
7830 North Central Drive, Suite B
Lewis Center, Ohio 43035

Generated 11/7/2024 9:03:37 AM

JOB DESCRIPTION

MSC Canfield - Soil

JOB NUMBER

240-213552-1

Eurofins Cleveland
180 S. Van Buren Avenue
Barberton OH 44203

See page two for job notes and contact information.

Job Notes

This report may not be reproduced except in full, and with written approval from the laboratory. The results relate only to the samples tested. For questions please contact the Project Manager at the e-mail address or telephone number listed on this page.

The test results in this report relate only to the samples as received by the laboratory and will meet all requirements of the methodology, with any exceptions noted. This report shall not be reproduced except in full, without the express written approval of the laboratory. All questions should be directed to the Eurofins Environment Testing North Central, LLC Project Manager.

Authorization



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11/7/2024 9:03:37 AM

Authorized for release by
Nicole Kalis, Project Manager I
Nicole.Kalis@et.eurofinsus.com
(330)497-9396

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Definitions/Glossary

Client: August Mack Environmental, Inc. Job ID: 240-213552-1
Project/Site: MSC Canfield - Soil

Qualifiers

GC/MS VOA

Qualifier	Qualifier Description
*+	LCS and/or LCSD is outside acceptance limits, high biased.
J	Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.

GC/MS Semi VOA

Qualifier	Qualifier Description
B	Compound was found in the blank and sample.
J	Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.
S1-	Surrogate recovery exceeds control limits, low biased.

Metals

Qualifier	Qualifier Description
J	Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.

Glossary

Abbreviation	These commonly used abbreviations may or may not be present in this report.
☼	Listed under the "D" column to designate that the result is reported on a dry weight basis
%R	Percent Recovery
CFL	Contains Free Liquid
CFU	Colony Forming Unit
CNF	Contains No Free Liquid
DER	Duplicate Error Ratio (normalized absolute difference)
Dil Fac	Dilution Factor
DL	Detection Limit (DoD/DOE)
DL, RA, RE, IN	Indicates a Dilution, Re-analysis, Re-extraction, or additional Initial metals/anion analysis of the sample
DLC	Decision Level Concentration (Radiochemistry)
EDL	Estimated Detection Limit (Dioxin)
LOD	Limit of Detection (DoD/DOE)
LOQ	Limit of Quantitation (DoD/DOE)
MCL	EPA recommended "Maximum Contaminant Level"
MDA	Minimum Detectable Activity (Radiochemistry)
MDC	Minimum Detectable Concentration (Radiochemistry)
MDL	Method Detection Limit
ML	Minimum Level (Dioxin)
MPN	Most Probable Number
MQL	Method Quantitation Limit
NC	Not Calculated
ND	Not Detected at the reporting limit (or MDL or EDL if shown)
NEG	Negative / Absent
POS	Positive / Present
PQL	Practical Quantitation Limit
PRES	Presumptive
QC	Quality Control
RER	Relative Error Ratio (Radiochemistry)
RL	Reporting Limit or Requested Limit (Radiochemistry)
RPD	Relative Percent Difference, a measure of the relative difference between two points
TEF	Toxicity Equivalent Factor (Dioxin)
TEQ	Toxicity Equivalent Quotient (Dioxin)
TNTC	Too Numerous To Count

Job ID: 240-213552-1 Eurofins Cleveland

Job Narrative
240-213552-1

Analytical test results meet all requirements of the associated regulatory program listed on the Accreditation/Certification Summary Page unless otherwise noted under the individual analysis. Data qualifiers and/or narrative comments are included to explain any exceptions, if applicable.

- Matrix QC may not be reported if insufficient sample is provided or site-specific QC samples were not submitted. In these situations, to demonstrate precision and accuracy at a batch level, a LCS/LCSD may be performed, unless otherwise specified in the method.
- Surrogate and/or isotope dilution analyte recoveries (if applicable) which are outside of the QC window are confirmed unless attributed to a dilution or otherwise noted in the narrative.

Regulated compliance samples (e.g. SDWA, NPDES) must comply with the associated agency requirements/permits.

Receipt
The samples were received on 10/22/2024 4:10 PM. Unless otherwise noted below, the samples arrived in good condition, and, where required, properly preserved and on ice. The temperatures of the 6 coolers at receipt time were 4.4°C, 4.9°C, 5.1°C, 5.9°C, 5.9°C and 6.1°C.

GC/MS VOA
Method 8260D: The method blank for analytical batch 240-633325 contained Methyl acetate above the method detection limit. This target analyte concentration was less than the reporting limit (RL) in the method blank; therefore, re-extraction and/or re-analysis of samples was not performed.

Method 8260D: The continuing calibration verification (CCV) analyzed in batch 240-633325 was outside the method criteria for the following analyte(s): Bromomethane and Trichlorofluoromethane. A CCV standard at or below the reporting limit (RL) was analyzed with the affected samples and found to be acceptable. As indicated in the reference method, sample analysis may proceed; however, any detection for the affected analyte(s) is considered estimated.

Method 8260D: The continuing calibration verification (CCV) associated with batch 240-632400 recovered above the upper control limit for 1,1,2-Trichloro-1,2,2-trifluoroethane and Bromomethane. The samples associated with this CCV were non-detects for the affected analytes; therefore, the data have been reported.

Method 8260D: The laboratory control sample (LCS) for preparation batch 240-632517 and analytical batch 240-632400 recovered outside control limits for the following analyte: Methylene Chloride. Methylene Chloride has been identified as a poor performing analyte when analyzed using this method; therefore, re-extraction/re-analysis was not performed.

No additional analytical or quality issues were noted, other than those described above or in the Definitions/ Glossary page.

GC/MS Semi VOA
Method 8270E: Six surrogates are used for this analysis. The laboratory's SOP allows one acid and one base of these surrogates to be outside acceptance criteria without performing re-extraction/re-analysis. The following sample contained an allowable number of surrogate compounds outside limits: SB-12B-4-6 (240-213552-2). These results have been reported and qualified.

No additional analytical or quality issues were noted, other than those described above or in the Definitions/ Glossary page.

PCBs
Method 8082A: The following samples required a tetrabutylammonium sulfite (TBA) clean-up to reduce matrix interferences caused by sulfur: SB-12B-4-6 (240-213552-2).

No additional analytical or quality issues were noted, other than those described above or in the Definitions/ Glossary page.

Metals
No additional analytical or quality issues were noted, other than those described above or in the Definitions/ Glossary page.

General Chemistry
No additional analytical or quality issues were noted, other than those described above or in the Definitions/ Glossary page.

Method Summary

Client: August Mack Environmental, Inc.
Job ID: 240-213552-1
Project/Site: MSC Canfield - Soil

Method	Method Description	Protocol	Laboratory
8260D	Volatile Organic Compounds by GC/MS	SW846	EET CLE
8270E	Semivolatile Organic Compounds (GC/MS)	SW846	EET CLE
8082A	Polychlorinated Biphenyls (PCBs) by Gas Chromatography	SW846	EET CLE
6010D	Metals (ICP)	SW846	EET CLE
7471B	Mercury (CVAA)	SW846	EET CLE
7196A	Chromium, Hexavalent	SW846	ELLE
9012B	Cyanide, Total andor Amenable	SW846	EET CLE
Moisture	Percent Moisture	EPA	EET CLE
OIA-1677	Cyanide, Free (Flow Injection)	OI CORP	ELLE
3050B	Preparation, Metals	SW846	EET CLE
3060A	Alkaline Digestion (Chromium, Hexavalent)	SW846	ELLE
3546	Microwave Extraction	SW846	EET CLE
5030C	Purge and Trap	SW846	EET CLE
7471B	Preparation, Mercury	SW846	EET CLE
9012B	Cyanide, Total and/or Amenable, Distillation	SW846	EET CLE
D3987-85	ASTM Leaching Procedure	ASTM	ELLE

Protocol References:

ASTM = ASTM International

EPA = US Environmental Protection Agency

OI CORP = OI Corporation Instrument Manual.

SW846 = "Test Methods For Evaluating Solid Waste, Physical/Chemical Methods", Third Edition, November 1986 And Its Updates.

Laboratory References:

EET CLE = Eurofins Cleveland, 180 S. Van Buren Avenue, Barberton, OH 44203, TEL (330)497-9396

ELLE = Eurofins Lancaster Laboratories Environment Testing, LLC, 2425 New Holland Pike, Lancaster, PA 17601, TEL (717)656-2300

Sample Summary

Client: August Mack Environmental, Inc.
Job ID: 240-213552-1
Project/Site: MSC Canfield - Soil

Lab Sample ID	Client Sample ID	Matrix	Collected	Received
240-213552-2	SB-12B-4-6	Solid	10/21/24 15:40	10/22/24 16:10
240-213552-3	TB-15-20241021	Water	10/21/24 00:00	10/22/24 16:10

Detection Summary

Client: August Mack Environmental, Inc.
Project/Site: MSC Canfield - Soil

Job ID: 240-213552-1

Client Sample ID: SB-12B-4-6 — Lab Sample ID: 240-213552-2

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
2-Butanone (MEK)	22	J	24	4.2	ug/Kg	1	☼	8260D	Total/NA
Acetone	170		30	25	ug/Kg	1	☼	8260D	Total/NA
Bis(2-ethylhexyl) phthalate	150	J B	190	72	ug/Kg	1	☼	8270E	Total/NA
Phenol	100	J	130	49	ug/Kg	1	☼	8270E	Total/NA
Arsenic	12		1.7	0.36	mg/Kg	1	☼	6010D	Total/NA
Barium	43		23	0.14	mg/Kg	1	☼	6010D	Total/NA
Cadmium	0.063	J	0.57	0.054	mg/Kg	1	☼	6010D	Total/NA
Chromium	18		1.1	0.39	mg/Kg	1	☼	6010D	Total/NA
Copper	17		2.8	0.80	mg/Kg	1	☼	6010D	Total/NA
Lead	10		1.1	0.32	mg/Kg	1	☼	6010D	Total/NA
Selenium	0.63	J	2.3	0.53	mg/Kg	1	☼	6010D	Total/NA
Zinc	45		5.7	4.1	mg/Kg	1	☼	6010D	Total/NA
Cyanide, Total	81		3.6	2.9	mg/Kg	5	☼	9012B	Total/NA
Cyanide, Free	0.039		0.0060	0.0050	mg/L	1		OIA-1677	ASTM Leach

Client Sample ID: TB-15-20241021 — Lab Sample ID: 240-213552-3

No Detections.

This Detection Summary does not include radiochemical test results.

Client: August Mack Environmental, Inc.
Project/Site: MSC Canfield - Soil

Job ID: 240-213552-1

Client Sample ID: SB-12B-4-6
Date Collected: 10/21/24 15:40
Date Received: 10/22/24 16:10

Lab Sample ID: 240-213552-2
Matrix: Solid
Percent Solids: 78.0

Method: SW846 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		6.0	2.1	ug/Kg	☼	10/25/24 11:33	10/25/24 21:29	1
1,1,2,2-Tetrachloroethane	ND		6.0	1.7	ug/Kg	☼	10/25/24 11:33	10/25/24 21:29	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		6.0	1.5	ug/Kg	☼	10/25/24 11:33	10/25/24 21:29	1
1,1,2-Trichloroethane	ND		6.0	1.4	ug/Kg	☼	10/25/24 11:33	10/25/24 21:29	1
1,1-Dichloroethane	ND		6.0	1.7	ug/Kg	☼	10/25/24 11:33	10/25/24 21:29	1
1,1-Dichloroethene	ND		6.0	2.2	ug/Kg	☼	10/25/24 11:33	10/25/24 21:29	1
1,2,4-Trichlorobenzene	ND		6.0	3.0	ug/Kg	☼	10/25/24 11:33	10/25/24 21:29	1
1,2-Dibromo-3-Chloropropane	ND		12	4.3	ug/Kg	☼	10/25/24 11:33	10/25/24 21:29	1
Ethylene Dibromide	ND		6.0	2.0	ug/Kg	☼	10/25/24 11:33	10/25/24 21:29	1
1,2-Dichlorobenzene	ND		6.0	1.3	ug/Kg	☼	10/25/24 11:33	10/25/24 21:29	1
1,2-Dichloroethane	ND		6.0	2.2	ug/Kg	☼	10/25/24 11:33	10/25/24 21:29	1
1,2-Dichloropropane	ND		6.0	1.0	ug/Kg	☼	10/25/24 11:33	10/25/24 21:29	1
1,3-Dichlorobenzene	ND		6.0	2.0	ug/Kg	☼	10/25/24 11:33	10/25/24 21:29	1
1,4-Dichlorobenzene	ND		6.0	1.1	ug/Kg	☼	10/25/24 11:33	10/25/24 21:29	1
2-Butanone (MEK)	**22**	**J**	24	4.2	ug/Kg	☼	10/25/24 11:33	10/25/24 21:29	1
2-Hexanone	ND		24	4.9	ug/Kg	☼	10/25/24 11:33	10/25/24 21:29	1
4-Methyl-2-pentanone (MIBK)	ND		24	4.4	ug/Kg	☼	10/25/24 11:33	10/25/24 21:29	1
Acetone	**170**		30	25	ug/Kg	☼	10/25/24 11:33	10/25/24 21:29	1
Benzene	ND		6.0	1.8	ug/Kg	☼	10/25/24 11:33	10/25/24 21:29	1
Dichlorobromomethane	ND		6.0	1.8	ug/Kg	☼	10/25/24 11:33	10/25/24 21:29	1
Bromoform	ND		6.0	2.9	ug/Kg	☼	10/25/24 11:33	10/25/24 21:29	1
Bromomethane	ND		6.0	5.0	ug/Kg	☼	10/25/24 11:33	10/25/24 21:29	1
Carbon disulfide	ND		6.0	1.4	ug/Kg	☼	10/25/24 11:33	10/25/24 21:29	1
Carbon tetrachloride	ND		6.0	3.9	ug/Kg	☼	10/25/24 11:33	10/25/24 21:29	1
Chlorobenzene	ND		6.0	1.1	ug/Kg	☼	10/25/24 11:33	10/25/24 21:29	1
Chloroethane	ND		6.0	3.3	ug/Kg	☼	10/25/24 11:33	10/25/24 21:29	1
Chloroform	ND		6.0	2.1	ug/Kg	☼	10/25/24 11:33	10/25/24 21:29	1
Chloromethane	ND		6.0	2.7	ug/Kg	☼	10/25/24 11:33	10/25/24 21:29	1
cis-1,2-Dichloroethene	ND		6.0	1.8	ug/Kg	☼	10/25/24 11:33	10/25/24 21:29	1
cis-1,3-Dichloropropene	ND		6.0	3.4	ug/Kg	☼	10/25/24 11:33	10/25/24 21:29	1
Cyclohexane	ND		12	1.6	ug/Kg	☼	10/25/24 11:33	10/25/24 21:29	1
Chlorodibromomethane	ND		6.0	3.3	ug/Kg	☼	10/25/24 11:33	10/25/24 21:29	1
Dichlorodifluoromethane	ND		6.0	2.7	ug/Kg	☼	10/25/24 11:33	10/25/24 21:29	1
Ethylbenzene	ND		6.0	1.3	ug/Kg	☼	10/25/24 11:33	10/25/24 21:29	1
Isopropylbenzene	ND		6.0	2.3	ug/Kg	☼	10/25/24 11:33	10/25/24 21:29	1
Methyl acetate	ND		30	4.1	ug/Kg	☼	10/25/24 11:33	10/25/24 21:29	1
Methyl tert-butyl ether	ND		6.0	2.4	ug/Kg	☼	10/25/24 11:33	10/25/24 21:29	1
Methylcyclohexane	ND		12	1.5	ug/Kg	☼	10/25/24 11:33	10/25/24 21:29	1
Methylene Chloride	ND	*+	30	14	ug/Kg	☼	10/25/24 11:33	10/25/24 21:29	1
Styrene	ND		6.0	1.4	ug/Kg	☼	10/25/24 11:33	10/25/24 21:29	1
Tetrachloroethene	ND		6.0	2.3	ug/Kg	☼	10/25/24 11:33	10/25/24 21:29	1
Toluene	ND		6.0	0.92	ug/Kg	☼	10/25/24 11:33	10/25/24 21:29	1
trans-1,2-Dichloroethene	ND		6.0	1.7	ug/Kg	☼	10/25/24 11:33	10/25/24 21:29	1
trans-1,3-Dichloropropene	ND		6.0	2.2	ug/Kg	☼	10/25/24 11:33	10/25/24 21:29	1
Trichloroethene	ND		6.0	1.7	ug/Kg	☼	10/25/24 11:33	10/25/24 21:29	1
Trichlorofluoromethane	ND		6.0	3.2	ug/Kg	☼	10/25/24 11:33	10/25/24 21:29	1
Vinyl chloride	ND		6.0	2.1	ug/Kg	☼	10/25/24 11:33	10/25/24 21:29	1
Xylenes, Total	ND		12	1.9	ug/Kg	☼	10/25/24 11:33	10/25/24 21:29	1

Client: August Mack Environmental, Inc.
Project/Site: MSC Canfield - Soil

Job ID: 240-213552-1

Client Sample ID: SB-12B-4-6
Date Collected: 10/21/24 15:40
Date Received: 10/22/24 16:10

Lab Sample ID: 240-213552-2
Matrix: Solid
Percent Solids: 78.0

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Toluene-d8 (Surr)	*101*		*56 - 125*	*10/25/24 11:33*	*10/25/24 21:29*	*1*
Dibromofluoromethane (Surr)	*95*		*41 - 138*	*10/25/24 11:33*	*10/25/24 21:29*	*1*
4-Bromofluorobenzene (Surr)	*90*		*41 - 143*	*10/25/24 11:33*	*10/25/24 21:29*	*1*
1,2-Dichloroethane-d4 (Surr)	*98*		*58 - 125*	*10/25/24 11:33*	*10/25/24 21:29*	*1*

Method: SW846 8270E - Semivolatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1'-Biphenyl	ND		130	36	ug/Kg	☼	10/24/24 08:36	10/25/24 15:49	1
bis (2-chloroisopropyl) ether	ND		130	33	ug/Kg	☼	10/24/24 08:36	10/25/24 15:49	1
2,4,5-Trichlorophenol	ND		190	42	ug/Kg	☼	10/24/24 08:36	10/25/24 15:49	1
2,4,6-Trichlorophenol	ND		190	37	ug/Kg	☼	10/24/24 08:36	10/25/24 15:49	1
2,4-Dichlorophenol	ND		190	35	ug/Kg	☼	10/24/24 08:36	10/25/24 15:49	1
2,4-Dimethylphenol	ND		190	46	ug/Kg	☼	10/24/24 08:36	10/25/24 15:49	1
2,4-Dinitrophenol	ND		420	220	ug/Kg	☼	10/24/24 08:36	10/25/24 15:49	1
2,4-Dinitrotoluene	ND		260	29	ug/Kg	☼	10/24/24 08:36	10/25/24 15:49	1
2,6-Dinitrotoluene	ND		260	46	ug/Kg	☼	10/24/24 08:36	10/25/24 15:49	1
2-Chloronaphthalene	ND		130	36	ug/Kg	☼	10/24/24 08:36	10/25/24 15:49	1
2-Chlorophenol	ND		130	33	ug/Kg	☼	10/24/24 08:36	10/25/24 15:49	1
2-Methylnaphthalene	ND		51	17	ug/Kg	☼	10/24/24 08:36	10/25/24 15:49	1
2-Methylphenol	ND		260	53	ug/Kg	☼	10/24/24 08:36	10/25/24 15:49	1
2-Nitroaniline	ND		260	49	ug/Kg	☼	10/24/24 08:36	10/25/24 15:49	1
2-Nitrophenol	ND		130	45	ug/Kg	☼	10/24/24 08:36	10/25/24 15:49	1
3,3'-Dichlorobenzidine	ND		190	120	ug/Kg	☼	10/24/24 08:36	10/25/24 15:49	1
3-Nitroaniline	ND		260	45	ug/Kg	☼	10/24/24 08:36	10/25/24 15:49	1
4,6-Dinitro-2-methylphenol	ND		420	130	ug/Kg	☼	10/24/24 08:36	10/25/24 15:49	1
4-Bromophenyl phenyl ether	ND		130	41	ug/Kg	☼	10/24/24 08:36	10/25/24 15:49	1
4-Chloro-3-methylphenol	ND		190	49	ug/Kg	☼	10/24/24 08:36	10/25/24 15:49	1
4-Chloroaniline	ND		190	21	ug/Kg	☼	10/24/24 08:36	10/25/24 15:49	1
4-Chlorophenyl phenyl ether	ND		130	36	ug/Kg	☼	10/24/24 08:36	10/25/24 15:49	1
4-Nitroaniline	ND		260	33	ug/Kg	☼	10/24/24 08:36	10/25/24 15:49	1
4-Nitrophenol	ND		420	120	ug/Kg	☼	10/24/24 08:36	10/25/24 15:49	1
Acenaphthene	ND		51	18	ug/Kg	☼	10/24/24 08:36	10/25/24 15:49	1
Acenaphthylene	ND		51	19	ug/Kg	☼	10/24/24 08:36	10/25/24 15:49	1
Acetophenone	ND		130	32	ug/Kg	☼	10/24/24 08:36	10/25/24 15:49	1
Anthracene	ND		51	15	ug/Kg	☼	10/24/24 08:36	10/25/24 15:49	1
Atrazine	ND		420	88	ug/Kg	☼	10/24/24 08:36	10/25/24 15:49	1
Benzaldehyde	ND		420	72	ug/Kg	☼	10/24/24 08:36	10/25/24 15:49	1
Benzo[a]anthracene	ND		51	19	ug/Kg	☼	10/24/24 08:36	10/25/24 15:49	1
Benzo[a]pyrene	ND		51	18	ug/Kg	☼	10/24/24 08:36	10/25/24 15:49	1
Benzo[b]fluoranthene	ND		51	15	ug/Kg	☼	10/24/24 08:36	10/25/24 15:49	1
Benzo[g,h,i]perylene	ND		51	35	ug/Kg	☼	10/24/24 08:36	10/25/24 15:49	1
Benzo[k]fluoranthene	ND		51	13	ug/Kg	☼	10/24/24 08:36	10/25/24 15:49	1
Bis(2-chloroethoxy)methane	ND		130	26	ug/Kg	☼	10/24/24 08:36	10/25/24 15:49	1
Bis(2-chloroethyl)ether	ND		130	28	ug/Kg	☼	10/24/24 08:36	10/25/24 15:49	1
Bis(2-ethylhexyl) phthalate	**150**	**J B**	190	72	ug/Kg	☼	10/24/24 08:36	10/25/24 15:49	1
Butyl benzyl phthalate	ND		190	65	ug/Kg	☼	10/24/24 08:36	10/25/24 15:49	1
Caprolactam	ND		420	88	ug/Kg	☼	10/24/24 08:36	10/25/24 15:49	1
Carbazole	ND		130	35	ug/Kg	☼	10/24/24 08:36	10/25/24 15:49	1
Chrysene	ND		51	18	ug/Kg	☼	10/24/24 08:36	10/25/24 15:49	1
Dibenz(a,h)anthracene	ND		51	19	ug/Kg	☼	10/24/24 08:36	10/25/24 15:49	1

Client Sample ID: SB-12B-4-6
Lab Sample ID: 240-213552-2
Date Collected: 10/21/24 15:40
Matrix: Solid
Date Received: 10/22/24 16:10
Percent Solids: 78.0

Method: SW846 8270E - Semivolatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Dibenzofuran	ND		130	37	ug/Kg	☼	10/24/24 08:36	10/25/24 15:49	1
Diethyl phthalate	ND		190	55	ug/Kg	☼	10/24/24 08:36	10/25/24 15:49	1
Dimethyl phthalate	ND		190	51	ug/Kg	☼	10/24/24 08:36	10/25/24 15:49	1
Di-n-butyl phthalate	ND		190	65	ug/Kg	☼	10/24/24 08:36	10/25/24 15:49	1
Di-n-octyl phthalate	ND		190	64	ug/Kg	☼	10/24/24 08:36	10/25/24 15:49	1
Fluoranthene	ND		51	18	ug/Kg	☼	10/24/24 08:36	10/25/24 15:49	1
Fluorene	ND		51	18	ug/Kg	☼	10/24/24 08:36	10/25/24 15:49	1
Hexachlorobenzene	ND		51	18	ug/Kg	☼	10/24/24 08:36	10/25/24 15:49	1
Hexachlorobutadiene	ND		130	27	ug/Kg	☼	10/24/24 08:36	10/25/24 15:49	1
Hexachlorocyclopentadiene	ND		420	50	ug/Kg	☼	10/24/24 08:36	10/25/24 15:49	1
Hexachloroethane	ND		130	41	ug/Kg	☼	10/24/24 08:36	10/25/24 15:49	1
Indeno[1,2,3-cd]pyrene	ND		51	15	ug/Kg	☼	10/24/24 08:36	10/25/24 15:49	1
Isophorone	ND		130	33	ug/Kg	☼	10/24/24 08:36	10/25/24 15:49	1
N-Nitrosodi-n-propylamine	ND		130	47	ug/Kg	☼	10/24/24 08:36	10/25/24 15:49	1
N-Nitrosodiphenylamine	ND		130	35	ug/Kg	☼	10/24/24 08:36	10/25/24 15:49	1
Naphthalene	ND		51	17	ug/Kg	☼	10/24/24 08:36	10/25/24 15:49	1
Nitrobenzene	ND		130	28	ug/Kg	☼	10/24/24 08:36	10/25/24 15:49	1
Pentachlorophenol	ND		350	130	ug/Kg	☼	10/24/24 08:36	10/25/24 15:49	1
Phenanthrene	ND		51	17	ug/Kg	☼	10/24/24 08:36	10/25/24 15:49	1
Phenol	**100**	**J**	130	49	ug/Kg	☼	10/24/24 08:36	10/25/24 15:49	1
Pyrene	ND		51	21	ug/Kg	☼	10/24/24 08:36	10/25/24 15:49	1
3 & 4 Methylphenol	ND		510	53	ug/Kg	☼	10/24/24 08:36	10/25/24 15:49	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Terphenyl-d14 (Surr)	*64*		*37 - 120*	*10/24/24 08:36*	*10/25/24 15:49*	*1*
Phenol-d5 (Surr)	*62*		*29 - 120*	*10/24/24 08:36*	*10/25/24 15:49*	*1*
Nitrobenzene-d5 (Surr)	*26*	*S1-*	*28 - 120*	*10/24/24 08:36*	*10/25/24 15:49*	*1*
2-Fluorophenol (Surr)	*57*		*26 - 120*	*10/24/24 08:36*	*10/25/24 15:49*	*1*
2-Fluorobiphenyl (Surr)	*54*		*36 - 120*	*10/24/24 08:36*	*10/25/24 15:49*	*1*
2,4,6-Tribromophenol (Surr)	*59*		*10 - 120*	*10/24/24 08:36*	*10/25/24 15:49*	*1*

Method: SW846 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aroclor-1016	ND		62	31	ug/Kg	☼	10/25/24 09:36	10/25/24 19:08	1
Aroclor-1221	ND		62	37	ug/Kg	☼	10/25/24 09:36	10/25/24 19:08	1
Aroclor-1232	ND		62	26	ug/Kg	☼	10/25/24 09:36	10/25/24 19:08	1
Aroclor-1242	ND		62	23	ug/Kg	☼	10/25/24 09:36	10/25/24 19:08	1
Aroclor-1248	ND		62	21	ug/Kg	☼	10/25/24 09:36	10/25/24 19:08	1
Aroclor-1254	ND		62	26	ug/Kg	☼	10/25/24 09:36	10/25/24 19:08	1
Aroclor-1260	ND		62	26	ug/Kg	☼	10/25/24 09:36	10/25/24 19:08	1
Aroclor-1262	ND		62	27	ug/Kg	☼	10/25/24 09:36	10/25/24 19:08	1
Aroclor-1268	ND		62	20	ug/Kg	☼	10/25/24 09:36	10/25/24 19:08	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Tetrachloro-m-xylene	*57*		*10 - 149*	*10/25/24 09:36*	*10/25/24 19:08*	*1*
DCB Decachlorobiphenyl	*41*		*10 - 174*	*10/25/24 09:36*	*10/25/24 19:08*	*1*

Method: SW846 6010D - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	**12**		1.7	0.36	mg/Kg	☼	10/24/24 15:00	10/26/24 03:12	1

Client: August Mack Environmental, Inc.
Project/Site: MSC Canfield - Soil

Job ID: 240-213552-1

Client Sample ID: SB-12B-4-6
Date Collected: 10/21/24 15:40
Date Received: 10/22/24 16:10

Lab Sample ID: 240-213552-2
Matrix: Solid
Percent Solids: 78.0

Method: SW846 6010D - Metals (ICP) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Barium	43		23	0.14	mg/Kg	☼	10/24/24 15:00	10/26/24 03:12	1
Cadmium	0.063	J	0.57	0.054	mg/Kg	☼	10/24/24 15:00	10/26/24 03:12	1
Chromium	18		1.1	0.39	mg/Kg	☼	10/24/24 15:00	10/26/24 03:12	1
Copper	17		2.8	0.80	mg/Kg	☼	10/24/24 15:00	10/26/24 03:12	1
Lead	10		1.1	0.32	mg/Kg	☼	10/24/24 15:00	10/26/24 03:12	1
Selenium	0.63	J	2.3	0.53	mg/Kg	☼	10/24/24 15:00	10/26/24 03:12	1
Silver	ND		1.1	0.092	mg/Kg	☼	10/24/24 15:00	10/26/24 03:12	1
Zinc	45		5.7	4.1	mg/Kg	☼	10/24/24 15:00	10/26/24 03:12	1

Method: SW846 7471B - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	ND		0.15	0.027	mg/Kg	☼	10/24/24 15:00	10/25/24 09:56	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cr (VI) (SW846 7196A)	ND		0.54	0.18	mg/Kg	☼	11/04/24 10:22	11/04/24 21:15	1
Cyanide, Total (SW846 9012B)	81		3.6	2.9	mg/Kg	☼	11/01/24 15:14	11/01/24 19:12	5

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Solids (EPA Moisture)	78.0		0.1	0.1	%			10/23/24 15:51	1
Percent Moisture (EPA Moisture)	22.0		0.1	0.1	%			10/23/24 15:51	1

General Chemistry - ASTM Leach

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cyanide, Free (OI CORP OIA-1677)	0.039		0.0060	0.0050	mg/L			11/06/24 11:45	1

Client: August Mack Environmental, Inc.
Project/Site: MSC Canfield - Soil

Job ID: 240-213552-1

Client Sample ID: TB-15-20241021
Date Collected: 10/21/24 00:00
Date Received: 10/22/24 16:10

Lab Sample ID: 240-213552-3
Matrix: Water

Method: SW846 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		1.0	0.48	ug/L			10/31/24 20:34	1
1,1,2,2-Tetrachloroethane	ND		1.0	0.60	ug/L			10/31/24 20:34	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		1.0	0.41	ug/L			10/31/24 20:34	1
1,1,2-Trichloroethane	ND		1.0	0.48	ug/L			10/31/24 20:34	1
1,1-Dichloroethane	ND		1.0	0.47	ug/L			10/31/24 20:34	1
1,1-Dichloroethene	ND		1.0	0.49	ug/L			10/31/24 20:34	1
1,2,4-Trichlorobenzene	ND		1.0	0.77	ug/L			10/31/24 20:34	1
1,2-Dibromo-3-Chloropropane	ND		2.0	0.91	ug/L			10/31/24 20:34	1
Ethylene Dibromide	ND		1.0	0.41	ug/L			10/31/24 20:34	1
1,2-Dichlorobenzene	ND		1.0	0.48	ug/L			10/31/24 20:34	1
1,2-Dichloroethane	ND		1.0	0.46	ug/L			10/31/24 20:34	1
1,2-Dichloropropane	ND		1.0	0.47	ug/L			10/31/24 20:34	1
1,3-Dichlorobenzene	ND		1.0	0.45	ug/L			10/31/24 20:34	1
1,4-Dichlorobenzene	ND		1.0	0.41	ug/L			10/31/24 20:34	1
2-Butanone (MEK)	ND		10	1.2	ug/L			10/31/24 20:34	1
2-Hexanone	ND		10	1.1	ug/L			10/31/24 20:34	1
4-Methyl-2-pentanone (MIBK)	ND		10	0.99	ug/L			10/31/24 20:34	1
Acetone	ND		10	5.4	ug/L			10/31/24 20:34	1
Benzene	ND		1.0	0.42	ug/L			10/31/24 20:34	1
Dichlorobromomethane	ND		1.0	0.38	ug/L			10/31/24 20:34	1
Bromoform	ND		1.0	0.76	ug/L			10/31/24 20:34	1
Bromomethane	ND		1.0	0.42	ug/L			10/31/24 20:34	1
Carbon disulfide	ND		1.0	0.59	ug/L			10/31/24 20:34	1
Carbon tetrachloride	ND		1.0	0.26	ug/L			10/31/24 20:34	1
Chlorobenzene	ND		1.0	0.38	ug/L			10/31/24 20:34	1
Chloroethane	ND		1.0	0.83	ug/L			10/31/24 20:34	1
Chloroform	ND		1.0	0.47	ug/L			10/31/24 20:34	1
Chloromethane	ND		1.0	0.63	ug/L			10/31/24 20:34	1
cis-1,2-Dichloroethene	ND		1.0	0.46	ug/L			10/31/24 20:34	1
cis-1,3-Dichloropropene	ND		1.0	0.61	ug/L			10/31/24 20:34	1
Cyclohexane	ND		1.0	0.48	ug/L			10/31/24 20:34	1
Chlorodibromomethane	ND		1.0	0.39	ug/L			10/31/24 20:34	1
Dichlorodifluoromethane	ND		1.0	0.35	ug/L			10/31/24 20:34	1
Ethylbenzene	ND		1.0	0.42	ug/L			10/31/24 20:34	1
Isopropylbenzene	ND		1.0	0.49	ug/L			10/31/24 20:34	1
Methyl acetate	ND		10	1.7	ug/L			10/31/24 20:34	1
Methyl tert-butyl ether	ND		1.0	0.47	ug/L			10/31/24 20:34	1
Methylcyclohexane	ND		1.0	0.33	ug/L			10/31/24 20:34	1
Methylene Chloride	ND		5.0	2.6	ug/L			10/31/24 20:34	1
Styrene	ND		1.0	0.45	ug/L			10/31/24 20:34	1
Tetrachloroethene	ND		1.0	0.44	ug/L			10/31/24 20:34	1
Toluene	ND		1.0	0.44	ug/L			10/31/24 20:34	1
trans-1,2-Dichloroethene	ND		1.0	0.51	ug/L			10/31/24 20:34	1
trans-1,3-Dichloropropene	ND		1.0	0.67	ug/L			10/31/24 20:34	1
Trichloroethene	ND		1.0	0.44	ug/L			10/31/24 20:34	1
Trichlorofluoromethane	ND		1.0	0.45	ug/L			10/31/24 20:34	1
Vinyl chloride	ND		1.0	0.45	ug/L			10/31/24 20:34	1
Xylenes, Total	ND		2.0	0.42	ug/L			10/31/24 20:34	1

Client: August Mack Environmental, Inc.
Project/Site: MSC Canfield - Soil

Job ID: 240-213552-1

Client Sample ID: TB-15-20241021
Date Collected: 10/21/24 00:00
Date Received: 10/22/24 16:10

Lab Sample ID: 240-213552-3
Matrix: Water

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
Toluene-d8 (Surr)	90		78 - 122		10/31/24 20:34	1
Dibromofluoromethane (Surr)	89		73 - 120		10/31/24 20:34	1
4-Bromofluorobenzene (Surr)	87		56 - 136		10/31/24 20:34	1
1,2-Dichloroethane-d4 (Surr)	91		62 - 137		10/31/24 20:34	1

Surrogate Summary

Client: August Mack Environmental, Inc.
Project/Site: MSC Canfield - Soil

Job ID: 240-213552-1

Method: 8260D - Volatile Organic Compounds by GC/MS

Matrix: Solid — **Prep Type: Total/NA**

		Percent Surrogate Recovery (Acceptance Limits)			
		TOL	DBFM	BFB	DCA
Lab Sample ID	Client Sample ID	(56-125)	(41-138)	(41-143)	(58-125)
240-213552-2	SB-12B-4-6	101	95	90	98
LCS 240-632400/6	Lab Control Sample	100	100	93	99
MB 240-632400/8	Method Blank	99	101	90	101

Surrogate Legend

TOL = Toluene-d8 (Surr)
DBFM = Dibromofluoromethane (Surr)
BFB = 4-Bromofluorobenzene (Surr)
DCA = 1,2-Dichloroethane-d4 (Surr)

Method: 8260D - Volatile Organic Compounds by GC/MS

Matrix: Water — **Prep Type: Total/NA**

		Percent Surrogate Recovery (Acceptance Limits)			
		TOL	DBFM	BFB	DCA
Lab Sample ID	Client Sample ID	(78-122)	(73-120)	(56-136)	(62-137)
240-213552-3	TB-15-20241021	90	89	87	91
LCS 240-633325/4	Lab Control Sample	95	86	95	85
MB 240-633325/7	Method Blank	94	88	93	91

Surrogate Legend

TOL = Toluene-d8 (Surr)
DBFM = Dibromofluoromethane (Surr)
BFB = 4-Bromofluorobenzene (Surr)
DCA = 1,2-Dichloroethane-d4 (Surr)

Method: 8270E - Semivolatile Organic Compounds (GC/MS)

Matrix: Solid — **Prep Type: Total/NA**

		Percent Surrogate Recovery (Acceptance Limits)					
		TPHL	PHL	NBZ	2FP	FBP	TBP
Lab Sample ID	Client Sample ID	(37-120)	(29-120)	(28-120)	(26-120)	(36-120)	(10-120)
240-213552-2	SB-12B-4-6	64	62	26 S1-	57	54	59
LCS 240-632215/2-A	Lab Control Sample	68	64	62	63	61	72
MB 240-632215/1-A	Method Blank	76	78	66	77	73	76

Surrogate Legend

TPHL = Terphenyl-d14 (Surr)
PHL = Phenol-d5 (Surr)
NBZ = Nitrobenzene-d5 (Surr)
2FP = 2-Fluorophenol (Surr)
FBP = 2-Fluorobiphenyl (Surr)
TBP = 2,4,6-Tribromophenol (Surr)

Method: 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Matrix: Solid — **Prep Type: Total/NA**

		Percent Surrogate Recovery (Acceptance Limits)	
		TCX1	DCBP1
Lab Sample ID	Client Sample ID	(10-149)	(10-174)
240-213552-2	SB-12B-4-6	57	41
LCS 240-632457/2-A	Lab Control Sample	68	64

Surrogate Summary

Client: August Mack Environmental, Inc. Job ID: 240-213552-1
Project/Site: MSC Canfield - Soil

Method: 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography (Continued)

Matrix: Solid **Prep Type: Total/NA**

		Percent Surrogate Recovery (Acceptance Limits)									
		TCX1	DCBP1								
Lab Sample ID	Client Sample ID	(10-149)	(10-174)								
MB 240-632457/1-A	Method Blank	95	87								

Surrogate Legend

TCX = Tetrachloro-m-xylene

DCBP = DCB Decachlorobiphenyl

Method: 8260D - Volatile Organic Compounds by GC/MS

Lab Sample ID: MB 240-632400/8
Matrix: Solid
Analysis Batch: 632400

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		5.0	1.8	ug/Kg			10/25/24 12:11	1
1,1,2,2-Tetrachloroethane	ND		5.0	1.4	ug/Kg			10/25/24 12:11	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		5.0	1.3	ug/Kg			10/25/24 12:11	1
1,1,2-Trichloroethane	ND		5.0	1.1	ug/Kg			10/25/24 12:11	1
1,1-Dichloroethane	ND		5.0	1.4	ug/Kg			10/25/24 12:11	1
1,1-Dichloroethene	ND		5.0	1.8	ug/Kg			10/25/24 12:11	1
1,2,4-Trichlorobenzene	ND		5.0	2.5	ug/Kg			10/25/24 12:11	1
1,2-Dibromo-3-Chloropropane	ND		10	3.6	ug/Kg			10/25/24 12:11	1
Ethylene Dibromide	ND		5.0	1.7	ug/Kg			10/25/24 12:11	1
1,2-Dichlorobenzene	ND		5.0	1.1	ug/Kg			10/25/24 12:11	1
1,2-Dichloroethane	ND		5.0	1.8	ug/Kg			10/25/24 12:11	1
1,2-Dichloropropane	ND		5.0	0.85	ug/Kg			10/25/24 12:11	1
1,3-Dichlorobenzene	ND		5.0	1.6	ug/Kg			10/25/24 12:11	1
1,4-Dichlorobenzene	ND		5.0	0.88	ug/Kg			10/25/24 12:11	1
2-Butanone (MEK)	ND		20	3.6	ug/Kg			10/25/24 12:11	1
2-Hexanone	ND		20	4.1	ug/Kg			10/25/24 12:11	1
4-Methyl-2-pentanone (MIBK)	ND		20	3.7	ug/Kg			10/25/24 12:11	1
Acetone	ND		25	21	ug/Kg			10/25/24 12:11	1
Benzene	ND		5.0	1.5	ug/Kg			10/25/24 12:11	1
Dichlorobromomethane	ND		5.0	1.5	ug/Kg			10/25/24 12:11	1
Bromoform	ND		5.0	2.4	ug/Kg			10/25/24 12:11	1
Bromomethane	ND		5.0	4.2	ug/Kg			10/25/24 12:11	1
Carbon disulfide	ND		5.0	1.2	ug/Kg			10/25/24 12:11	1
Carbon tetrachloride	ND		5.0	3.3	ug/Kg			10/25/24 12:11	1
Chlorobenzene	ND		5.0	0.92	ug/Kg			10/25/24 12:11	1
Chloroethane	ND		5.0	2.7	ug/Kg			10/25/24 12:11	1
Chloroform	ND		5.0	1.8	ug/Kg			10/25/24 12:11	1
Chloromethane	ND		5.0	2.3	ug/Kg			10/25/24 12:11	1
cis-1,2-Dichloroethene	ND		5.0	1.5	ug/Kg			10/25/24 12:11	1
cis-1,3-Dichloropropene	ND		5.0	2.9	ug/Kg			10/25/24 12:11	1
Cyclohexane	ND		10	1.4	ug/Kg			10/25/24 12:11	1
Chlorodibromomethane	ND		5.0	2.8	ug/Kg			10/25/24 12:11	1
Dichlorodifluoromethane	ND		5.0	2.3	ug/Kg			10/25/24 12:11	1
Ethylbenzene	ND		5.0	1.0	ug/Kg			10/25/24 12:11	1
Isopropylbenzene	ND		5.0	1.9	ug/Kg			10/25/24 12:11	1
Methyl acetate	ND		25	3.4	ug/Kg			10/25/24 12:11	1
Methyl tert-butyl ether	ND		5.0	2.0	ug/Kg			10/25/24 12:11	1
Methylcyclohexane	ND		10	1.2	ug/Kg			10/25/24 12:11	1
Methylene Chloride	ND		25	12	ug/Kg			10/25/24 12:11	1
Styrene	ND		5.0	1.2	ug/Kg			10/25/24 12:11	1
Tetrachloroethene	ND		5.0	1.9	ug/Kg			10/25/24 12:11	1
Toluene	ND		5.0	0.77	ug/Kg			10/25/24 12:11	1
trans-1,2-Dichloroethene	ND		5.0	1.4	ug/Kg			10/25/24 12:11	1
trans-1,3-Dichloropropene	ND		5.0	1.8	ug/Kg			10/25/24 12:11	1
Trichloroethene	ND		5.0	1.4	ug/Kg			10/25/24 12:11	1
Trichlorofluoromethane	ND		5.0	2.7	ug/Kg			10/25/24 12:11	1
Vinyl chloride	ND		5.0	1.8	ug/Kg			10/25/24 12:11	1
Xylenes, Total	ND		10	1.6	ug/Kg			10/25/24 12:11	1

Method: 8260D - Volatile Organic Compounds by GC/MS (Continued)

Lab Sample ID: MB 240-632400/8
Matrix: Solid
Analysis Batch: 632400

Client Sample ID: Method Blank
Prep Type: Total/NA

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
Toluene-d8 (Surr)	*99*		*56 - 125*		*10/25/24 12:11*	*1*
Dibromofluoromethane (Surr)	*101*		*41 - 138*		*10/25/24 12:11*	*1*
4-Bromofluorobenzene (Surr)	*90*		*41 - 143*		*10/25/24 12:11*	*1*
1,2-Dichloroethane-d4 (Surr)	*101*		*58 - 125*		*10/25/24 12:11*	*1*

Lab Sample ID: LCS 240-632400/6
Matrix: Solid
Analysis Batch: 632400

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
1,1,1-Trichloroethane	50.0	48.1		ug/Kg		96	74 - 136
1,1,2,2-Tetrachloroethane	50.0	45.0		ug/Kg		90	66 - 129
1,1,2-Trichloro-1,2,2-trifluoroethane	50.0	54.0		ug/Kg		108	64 - 148
1,1,2-Trichloroethane	50.0	46.2		ug/Kg		92	79 - 120
1,1-Dichloroethane	50.0	43.2		ug/Kg		86	74 - 121
1,1-Dichloroethene	50.0	49.4		ug/Kg		99	68 - 141
1,2,4-Trichlorobenzene	50.0	51.2		ug/Kg		102	58 - 132
1,2-Dibromo-3-Chloropropane	50.0	52.6		ug/Kg		105	52 - 133
Ethylene Dibromide	50.0	45.8		ug/Kg		92	80 - 121
1,2-Dichlorobenzene	50.0	48.8		ug/Kg		98	73 - 120
1,2-Dichloroethane	50.0	41.8		ug/Kg		84	71 - 123
1,2-Dichloropropane	50.0	42.5		ug/Kg		85	76 - 126
1,3-Dichlorobenzene	50.0	45.2		ug/Kg		90	73 - 120
1,4-Dichlorobenzene	50.0	44.9		ug/Kg		90	74 - 120
2-Butanone (MEK)	100	91.9		ug/Kg		92	63 - 142
2-Hexanone	100	79.7		ug/Kg		80	65 - 142
4-Methyl-2-pentanone (MIBK)	100	95.6		ug/Kg		96	62 - 142
Acetone	100	124		ug/Kg		124	58 - 160
Benzene	50.0	42.6		ug/Kg		85	76 - 121
Dichlorobromomethane	50.0	44.2		ug/Kg		88	71 - 138
Bromoform	50.0	46.0		ug/Kg		92	57 - 140
Bromomethane	50.0	64.0		ug/Kg		128	10 - 171
Carbon disulfide	50.0	49.6		ug/Kg		99	43 - 152
Carbon tetrachloride	50.0	46.7		ug/Kg		93	64 - 144
Chlorobenzene	50.0	45.0		ug/Kg		90	80 - 120
Chloroethane	50.0	55.2		ug/Kg		110	11 - 164
Chloroform	50.0	43.3		ug/Kg		87	78 - 120
Chloromethane	50.0	52.8		ug/Kg		106	41 - 142
cis-1,2-Dichloroethene	50.0	44.5		ug/Kg		89	78 - 124
cis-1,3-Dichloropropene	50.0	38.4		ug/Kg		77	70 - 133
Cyclohexane	50.0	47.0		ug/Kg		94	65 - 137
Chlorodibromomethane	50.0	45.8		ug/Kg		92	68 - 131
Dichlorodifluoromethane	50.0	49.2		ug/Kg		98	21 - 150
Ethylbenzene	50.0	44.3		ug/Kg		89	80 - 120
Isopropylbenzene	50.0	54.0		ug/Kg		108	80 - 130
Methyl acetate	100	86.3		ug/Kg		86	60 - 133
Methyl tert-butyl ether	50.0	43.7		ug/Kg		87	70 - 130
Methylcyclohexane	50.0	44.8		ug/Kg		90	70 - 138

Method: 8260D - Volatile Organic Compounds by GC/MS (Continued)

Lab Sample ID: LCS 240-632400/6
Matrix: Solid
Analysis Batch: 632400

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Methylene Chloride	50.0	63.7	*+	ug/Kg		127	71 - 124
Styrene	50.0	44.3		ug/Kg		89	75 - 140
Tetrachloroethene	50.0	45.7		ug/Kg		91	76 - 127
Toluene	50.0	43.8		ug/Kg		88	80 - 120
trans-1,2-Dichloroethene	50.0	45.8		ug/Kg		92	76 - 130
trans-1,3-Dichloropropene	50.0	43.5		ug/Kg		87	61 - 121
Trichloroethene	50.0	46.1		ug/Kg		92	74 - 130
Trichlorofluoromethane	50.0	56.8		ug/Kg		114	50 - 154
Vinyl chloride	50.0	62.1		ug/Kg		124	49 - 146
Xylenes, Total	100	91.3		ug/Kg		91	80 - 122
m-Xylene & p-Xylene	50.0	44.1		ug/Kg		88	80 - 122
o-Xylene	50.0	47.2		ug/Kg		94	80 - 124

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
Toluene-d8 (Surr)	*100*		*56 - 125*
Dibromofluoromethane (Surr)	*100*		*41 - 138*
4-Bromofluorobenzene (Surr)	*93*		*41 - 143*
1,2-Dichloroethane-d4 (Surr)	*99*		*58 - 125*

Lab Sample ID: MB 240-633325/7
Matrix: Water
Analysis Batch: 633325

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		1.0	0.48	ug/L			10/31/24 12:29	1
1,1,2,2-Tetrachloroethane	ND		1.0	0.60	ug/L			10/31/24 12:29	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		1.0	0.41	ug/L			10/31/24 12:29	1
1,1,2-Trichloroethane	ND		1.0	0.48	ug/L			10/31/24 12:29	1
1,1-Dichloroethane	ND		1.0	0.47	ug/L			10/31/24 12:29	1
1,1-Dichloroethene	ND		1.0	0.49	ug/L			10/31/24 12:29	1
1,2,4-Trichlorobenzene	ND		1.0	0.77	ug/L			10/31/24 12:29	1
1,2-Dibromo-3-Chloropropane	ND		2.0	0.91	ug/L			10/31/24 12:29	1
Ethylene Dibromide	ND		1.0	0.41	ug/L			10/31/24 12:29	1
1,2-Dichlorobenzene	ND		1.0	0.48	ug/L			10/31/24 12:29	1
1,2-Dichloroethane	ND		1.0	0.46	ug/L			10/31/24 12:29	1
1,2-Dichloropropane	ND		1.0	0.47	ug/L			10/31/24 12:29	1
1,3-Dichlorobenzene	ND		1.0	0.45	ug/L			10/31/24 12:29	1
1,4-Dichlorobenzene	ND		1.0	0.41	ug/L			10/31/24 12:29	1
2-Butanone (MEK)	ND		10	1.2	ug/L			10/31/24 12:29	1
2-Hexanone	ND		10	1.1	ug/L			10/31/24 12:29	1
4-Methyl-2-pentanone (MIBK)	ND		10	0.99	ug/L			10/31/24 12:29	1
Acetone	ND		10	5.4	ug/L			10/31/24 12:29	1
Benzene	ND		1.0	0.42	ug/L			10/31/24 12:29	1
Dichlorobromomethane	ND		1.0	0.38	ug/L			10/31/24 12:29	1
Bromoform	ND		1.0	0.76	ug/L			10/31/24 12:29	1
Bromomethane	ND		1.0	0.42	ug/L			10/31/24 12:29	1
Carbon disulfide	ND		1.0	0.59	ug/L			10/31/24 12:29	1
Carbon tetrachloride	ND		1.0	0.26	ug/L			10/31/24 12:29	1

Method: 8260D - Volatile Organic Compounds by GC/MS (Continued)

Lab Sample ID: MB 240-633325/7
Matrix: Water
Analysis Batch: 633325

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chlorobenzene	ND		1.0	0.38	ug/L			10/31/24 12:29	1
Chloroethane	ND		1.0	0.83	ug/L			10/31/24 12:29	1
Chloroform	ND		1.0	0.47	ug/L			10/31/24 12:29	1
Chloromethane	ND		1.0	0.63	ug/L			10/31/24 12:29	1
cis-1,2-Dichloroethene	ND		1.0	0.46	ug/L			10/31/24 12:29	1
cis-1,3-Dichloropropene	ND		1.0	0.61	ug/L			10/31/24 12:29	1
Cyclohexane	ND		1.0	0.48	ug/L			10/31/24 12:29	1
Chlorodibromomethane	ND		1.0	0.39	ug/L			10/31/24 12:29	1
Dichlorodifluoromethane	ND		1.0	0.35	ug/L			10/31/24 12:29	1
Ethylbenzene	ND		1.0	0.42	ug/L			10/31/24 12:29	1
Isopropylbenzene	ND		1.0	0.49	ug/L			10/31/24 12:29	1
Methyl acetate	2.27	J	10	1.7	ug/L			10/31/24 12:29	1
Methyl tert-butyl ether	ND		1.0	0.47	ug/L			10/31/24 12:29	1
Methylcyclohexane	ND		1.0	0.33	ug/L			10/31/24 12:29	1
Methylene Chloride	ND		5.0	2.6	ug/L			10/31/24 12:29	1
Styrene	ND		1.0	0.45	ug/L			10/31/24 12:29	1
Tetrachloroethene	ND		1.0	0.44	ug/L			10/31/24 12:29	1
Toluene	ND		1.0	0.44	ug/L			10/31/24 12:29	1
trans-1,2-Dichloroethene	ND		1.0	0.51	ug/L			10/31/24 12:29	1
trans-1,3-Dichloropropene	ND		1.0	0.67	ug/L			10/31/24 12:29	1
Trichloroethene	ND		1.0	0.44	ug/L			10/31/24 12:29	1
Trichlorofluoromethane	ND		1.0	0.45	ug/L			10/31/24 12:29	1
Vinyl chloride	ND		1.0	0.45	ug/L			10/31/24 12:29	1
Xylenes, Total	ND		2.0	0.42	ug/L			10/31/24 12:29	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Toluene-d8 (Surr)	*94*		*78 - 122*		*10/31/24 12:29*	*1*
Dibromofluoromethane (Surr)	*88*		*73 - 120*		*10/31/24 12:29*	*1*
4-Bromofluorobenzene (Surr)	*93*		*56 - 136*		*10/31/24 12:29*	*1*
1,2-Dichloroethane-d4 (Surr)	*91*		*62 - 137*		*10/31/24 12:29*	*1*

Lab Sample ID: LCS 240-633325/4
Matrix: Water
Analysis Batch: 633325

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
1,1,1-Trichloroethane	25.0	23.4		ug/L		94	64 - 131
1,1,2,2-Tetrachloroethane	25.0	22.5		ug/L		90	58 - 157
1,1,2-Trichloro-1,2,2-trifluoroethane	25.0	25.6		ug/L		103	51 - 146
1,1,2-Trichloroethane	25.0	21.5		ug/L		86	70 - 138
1,1-Dichloroethane	25.0	23.5		ug/L		94	72 - 127
1,1-Dichloroethene	25.0	22.9		ug/L		92	63 - 134
1,2,4-Trichlorobenzene	25.0	21.5		ug/L		86	44 - 147
1,2-Dibromo-3-Chloropropane	25.0	21.4		ug/L		86	53 - 135
Ethylene Dibromide	25.0	22.9		ug/L		92	71 - 134
1,2-Dichlorobenzene	25.0	22.0		ug/L		88	78 - 120
1,2-Dichloroethane	25.0	23.6		ug/L		94	66 - 128
1,2-Dichloropropane	25.0	24.7		ug/L		99	75 - 133

Method: 8260D - Volatile Organic Compounds by GC/MS (Continued)

Lab Sample ID: LCS 240-633325/4
Matrix: Water
Analysis Batch: 633325

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
1,3-Dichlorobenzene	25.0	22.9		ug/L		91	80 - 120
1,4-Dichlorobenzene	25.0	22.5		ug/L		90	80 - 120
2-Butanone (MEK)	50.0	42.1		ug/L		84	54 - 156
2-Hexanone	50.0	42.7		ug/L		85	43 - 167
4-Methyl-2-pentanone (MIBK)	50.0	41.0		ug/L		82	46 - 158
Acetone	50.0	37.8		ug/L		76	50 - 149
Benzene	25.0	22.8		ug/L		91	77 - 123
Dichlorobromomethane	25.0	20.9		ug/L		84	69 - 126
Bromoform	25.0	21.3		ug/L		85	57 - 129
Bromomethane	12.5	9.60		ug/L		77	36 - 142
Carbon disulfide	25.0	25.9		ug/L		103	43 - 140
Carbon tetrachloride	25.0	25.9		ug/L		104	55 - 137
Chlorobenzene	25.0	22.4		ug/L		90	80 - 121
Chloroethane	12.5	10.3		ug/L		82	38 - 152
Chloroform	25.0	20.4		ug/L		81	74 - 122
Chloromethane	12.5	10.6		ug/L		85	47 - 143
cis-1,2-Dichloroethene	25.0	21.8		ug/L		87	77 - 123
cis-1,3-Dichloropropene	25.0	24.5		ug/L		98	64 - 130
Cyclohexane	25.0	26.0		ug/L		104	58 - 146
Chlorodibromomethane	25.0	22.4		ug/L		90	70 - 124
Dichlorodifluoromethane	12.5	8.70		ug/L		70	34 - 153
Ethylbenzene	25.0	25.8		ug/L		103	80 - 121
Isopropylbenzene	25.0	27.8		ug/L		111	74 - 128
Methyl acetate	50.0	40.8		ug/L		82	42 - 169
Methyl tert-butyl ether	25.0	23.6		ug/L		94	65 - 126
Methylcyclohexane	25.0	26.3		ug/L		105	62 - 136
Methylene Chloride	25.0	23.4		ug/L		94	71 - 125
Styrene	25.0	24.6		ug/L		99	80 - 135
Tetrachloroethene	25.0	24.1		ug/L		96	76 - 123
Toluene	25.0	21.9		ug/L		88	80 - 123
trans-1,2-Dichloroethene	25.0	20.9		ug/L		84	75 - 124
trans-1,3-Dichloropropene	25.0	25.1		ug/L		100	57 - 129
Trichloroethene	25.0	21.2		ug/L		85	70 - 122
Trichlorofluoromethane	12.5	9.30		ug/L		74	30 - 170
Vinyl chloride	12.5	10.8		ug/L		87	60 - 144
Xylenes, Total	50.0	51.9		ug/L		104	80 - 121
m-Xylene & p-Xylene	25.0	25.9		ug/L		104	80 - 120
o-Xylene	25.0	26.0		ug/L		104	80 - 123

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
Toluene-d8 (Surr)	*95*		*78 - 122*
Dibromofluoromethane (Surr)	*86*		*73 - 120*
4-Bromofluorobenzene (Surr)	*95*		*56 - 136*
1,2-Dichloroethane-d4 (Surr)	*85*		*62 - 137*

Method: 8270E - Semivolatile Organic Compounds (GC/MS)

Lab Sample ID: MB 240-632215/1-A
Matrix: Solid
Analysis Batch: 632390

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 632215

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1'-Biphenyl	ND		100	28	ug/Kg		10/24/24 08:36	10/25/24 07:50	1
bis (2-chloroisopropyl) ether	ND		100	26	ug/Kg		10/24/24 08:36	10/25/24 07:50	1
2,4,5-Trichlorophenol	ND		150	33	ug/Kg		10/24/24 08:36	10/25/24 07:50	1
2,4,6-Trichlorophenol	ND		150	29	ug/Kg		10/24/24 08:36	10/25/24 07:50	1
2,4-Dichlorophenol	ND		150	27	ug/Kg		10/24/24 08:36	10/25/24 07:50	1
2,4-Dimethylphenol	ND		150	36	ug/Kg		10/24/24 08:36	10/25/24 07:50	1
2,4-Dinitrophenol	ND		330	170	ug/Kg		10/24/24 08:36	10/25/24 07:50	1
2,4-Dinitrotoluene	ND		200	23	ug/Kg		10/24/24 08:36	10/25/24 07:50	1
2,6-Dinitrotoluene	ND		200	36	ug/Kg		10/24/24 08:36	10/25/24 07:50	1
2-Chloronaphthalene	ND		100	28	ug/Kg		10/24/24 08:36	10/25/24 07:50	1
2-Chlorophenol	ND		100	26	ug/Kg		10/24/24 08:36	10/25/24 07:50	1
2-Methylnaphthalene	ND		40	13	ug/Kg		10/24/24 08:36	10/25/24 07:50	1
2-Methylphenol	ND		200	41	ug/Kg		10/24/24 08:36	10/25/24 07:50	1
2-Nitroaniline	ND		200	38	ug/Kg		10/24/24 08:36	10/25/24 07:50	1
2-Nitrophenol	ND		100	35	ug/Kg		10/24/24 08:36	10/25/24 07:50	1
3,3'-Dichlorobenzidine	ND		150	95	ug/Kg		10/24/24 08:36	10/25/24 07:50	1
3-Nitroaniline	ND		200	35	ug/Kg		10/24/24 08:36	10/25/24 07:50	1
4,6-Dinitro-2-methylphenol	ND		330	100	ug/Kg		10/24/24 08:36	10/25/24 07:50	1
4-Bromophenyl phenyl ether	ND		100	32	ug/Kg		10/24/24 08:36	10/25/24 07:50	1
4-Chloro-3-methylphenol	ND		150	38	ug/Kg		10/24/24 08:36	10/25/24 07:50	1
4-Chloroaniline	ND		150	16	ug/Kg		10/24/24 08:36	10/25/24 07:50	1
4-Chlorophenyl phenyl ether	ND		100	28	ug/Kg		10/24/24 08:36	10/25/24 07:50	1
4-Nitroaniline	ND		200	26	ug/Kg		10/24/24 08:36	10/25/24 07:50	1
4-Nitrophenol	ND		330	90	ug/Kg		10/24/24 08:36	10/25/24 07:50	1
Acenaphthene	ND		40	14	ug/Kg		10/24/24 08:36	10/25/24 07:50	1
Acenaphthylene	ND		40	15	ug/Kg		10/24/24 08:36	10/25/24 07:50	1
Acetophenone	ND		100	25	ug/Kg		10/24/24 08:36	10/25/24 07:50	1
Anthracene	ND		40	12	ug/Kg		10/24/24 08:36	10/25/24 07:50	1
Atrazine	ND		330	69	ug/Kg		10/24/24 08:36	10/25/24 07:50	1
Benzaldehyde	ND		330	56	ug/Kg		10/24/24 08:36	10/25/24 07:50	1
Benzo[a]anthracene	ND		40	15	ug/Kg		10/24/24 08:36	10/25/24 07:50	1
Benzo[a]pyrene	ND		40	14	ug/Kg		10/24/24 08:36	10/25/24 07:50	1
Benzo[b]fluoranthene	ND		40	12	ug/Kg		10/24/24 08:36	10/25/24 07:50	1
Benzo[g,h,i]perylene	ND		40	27	ug/Kg		10/24/24 08:36	10/25/24 07:50	1
Benzo[k]fluoranthene	ND		40	10	ug/Kg		10/24/24 08:36	10/25/24 07:50	1
Bis(2-chloroethoxy)methane	ND		100	20	ug/Kg		10/24/24 08:36	10/25/24 07:50	1
Bis(2-chloroethyl)ether	ND		100	22	ug/Kg		10/24/24 08:36	10/25/24 07:50	1
Bis(2-ethylhexyl) phthalate	57.7	J	150	56	ug/Kg		10/24/24 08:36	10/25/24 07:50	1
Butyl benzyl phthalate	ND		150	51	ug/Kg		10/24/24 08:36	10/25/24 07:50	1
Caprolactam	ND		330	69	ug/Kg		10/24/24 08:36	10/25/24 07:50	1
Carbazole	ND		100	27	ug/Kg		10/24/24 08:36	10/25/24 07:50	1
Chrysene	ND		40	14	ug/Kg		10/24/24 08:36	10/25/24 07:50	1
Dibenz(a,h)anthracene	ND		40	15	ug/Kg		10/24/24 08:36	10/25/24 07:50	1
Dibenzofuran	ND		100	29	ug/Kg		10/24/24 08:36	10/25/24 07:50	1
Diethyl phthalate	ND		150	43	ug/Kg		10/24/24 08:36	10/25/24 07:50	1
Dimethyl phthalate	ND		150	40	ug/Kg		10/24/24 08:36	10/25/24 07:50	1
Di-n-butyl phthalate	ND		150	51	ug/Kg		10/24/24 08:36	10/25/24 07:50	1
Di-n-octyl phthalate	ND		150	50	ug/Kg		10/24/24 08:36	10/25/24 07:50	1

Method: 8270E - Semivolatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: MB 240-632215/1-A
Matrix: Solid
Analysis Batch: 632390

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 632215

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Fluoranthene	ND		40	14	ug/Kg		10/24/24 08:36	10/25/24 07:50	1
Fluorene	ND		40	14	ug/Kg		10/24/24 08:36	10/25/24 07:50	1
Hexachlorobenzene	ND		40	14	ug/Kg		10/24/24 08:36	10/25/24 07:50	1
Hexachlorobutadiene	ND		100	21	ug/Kg		10/24/24 08:36	10/25/24 07:50	1
Hexachlorocyclopentadiene	ND		330	39	ug/Kg		10/24/24 08:36	10/25/24 07:50	1
Hexachloroethane	ND		100	32	ug/Kg		10/24/24 08:36	10/25/24 07:50	1
Indeno[1,2,3-cd]pyrene	ND		40	12	ug/Kg		10/24/24 08:36	10/25/24 07:50	1
Isophorone	ND		100	26	ug/Kg		10/24/24 08:36	10/25/24 07:50	1
N-Nitrosodi-n-propylamine	ND		100	37	ug/Kg		10/24/24 08:36	10/25/24 07:50	1
N-Nitrosodiphenylamine	ND		100	27	ug/Kg		10/24/24 08:36	10/25/24 07:50	1
Naphthalene	ND		40	13	ug/Kg		10/24/24 08:36	10/25/24 07:50	1
Nitrobenzene	ND		100	22	ug/Kg		10/24/24 08:36	10/25/24 07:50	1
Pentachlorophenol	ND		270	110	ug/Kg		10/24/24 08:36	10/25/24 07:50	1
Phenanthrene	ND		40	13	ug/Kg		10/24/24 08:36	10/25/24 07:50	1
Phenol	ND		100	38	ug/Kg		10/24/24 08:36	10/25/24 07:50	1
Pyrene	ND		40	16	ug/Kg		10/24/24 08:36	10/25/24 07:50	1
3 & 4 Methylphenol	ND		400	41	ug/Kg		10/24/24 08:36	10/25/24 07:50	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Terphenyl-d14 (Surr)	*76*		*37 - 120*	*10/24/24 08:36*	*10/25/24 07:50*	*1*
Phenol-d5 (Surr)	*78*		*29 - 120*	*10/24/24 08:36*	*10/25/24 07:50*	*1*
Nitrobenzene-d5 (Surr)	*66*		*28 - 120*	*10/24/24 08:36*	*10/25/24 07:50*	*1*
2-Fluorophenol (Surr)	*77*		*26 - 120*	*10/24/24 08:36*	*10/25/24 07:50*	*1*
2-Fluorobiphenyl (Surr)	*73*		*36 - 120*	*10/24/24 08:36*	*10/25/24 07:50*	*1*
2,4,6-Tribromophenol (Surr)	*76*		*10 - 120*	*10/24/24 08:36*	*10/25/24 07:50*	*1*

Lab Sample ID: LCS 240-632215/2-A
Matrix: Solid
Analysis Batch: 632390

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 632215

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
1,1'-Biphenyl	1330	885		ug/Kg		66	54 - 120
bis (2-chloroisopropyl) ether	1330	811		ug/Kg		61	42 - 120
2,4,5-Trichlorophenol	1330	965		ug/Kg		72	53 - 120
2,4,6-Trichlorophenol	1330	912		ug/Kg		68	53 - 120
2,4-Dichlorophenol	1330	966		ug/Kg		72	55 - 120
2,4-Dimethylphenol	1330	661		ug/Kg		50	39 - 120
2,4-Dinitrophenol	2670	1130		ug/Kg		42	10 - 120
2,4-Dinitrotoluene	1330	1080		ug/Kg		81	56 - 120
2,6-Dinitrotoluene	1330	1020		ug/Kg		76	57 - 120
2-Chloronaphthalene	1330	899		ug/Kg		67	54 - 120
2-Chlorophenol	1330	921		ug/Kg		69	54 - 120
2-Methylnaphthalene	1330	914		ug/Kg		69	56 - 120
2-Methylphenol	1330	949		ug/Kg		71	51 - 120
2-Nitroaniline	1330	1000		ug/Kg		75	53 - 120
2-Nitrophenol	1330	939		ug/Kg		70	51 - 120
3,3'-Dichlorobenzidine	2670	1410		ug/Kg		53	31 - 120
3-Nitroaniline	1330	794		ug/Kg		60	36 - 120

Method: 8270E - Semivolatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: LCS 240-632215/2-A
Matrix: Solid
Analysis Batch: 632390

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 632215

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
4,6-Dinitro-2-methylphenol	2670	1420		ug/Kg		53	10 - 120
4-Bromophenyl phenyl ether	1330	1020		ug/Kg		77	56 - 120
4-Chloro-3-methylphenol	1330	1020		ug/Kg		76	55 - 120
4-Chloroaniline	1330	540		ug/Kg		40	23 - 120
4-Chlorophenyl phenyl ether	1330	948		ug/Kg		71	54 - 120
4-Nitroaniline	1330	868		ug/Kg		65	46 - 120
4-Nitrophenol	2670	1890		ug/Kg		71	41 - 123
Acenaphthene	1330	887		ug/Kg		67	56 - 120
Acenaphthylene	1330	931		ug/Kg		70	54 - 120
Acetophenone	1330	891		ug/Kg		67	53 - 120
Anthracene	1330	1010		ug/Kg		76	59 - 120
Atrazine	2670	1950		ug/Kg		73	56 - 136
Benzaldehyde	2670	1570		ug/Kg		59	50 - 120
Benzo[a]anthracene	1330	1060		ug/Kg		80	59 - 120
Benzo[a]pyrene	1330	1030		ug/Kg		77	54 - 120
Benzo[b]fluoranthene	1330	1010		ug/Kg		76	58 - 120
Benzo[g,h,i]perylene	1330	1040		ug/Kg		78	56 - 120
Benzo[k]fluoranthene	1330	1040		ug/Kg		78	59 - 120
Bis(2-chloroethoxy)methane	1330	887		ug/Kg		67	53 - 120
Bis(2-chloroethyl)ether	1330	776		ug/Kg		58	45 - 120
Bis(2-ethylhexyl) phthalate	1330	1050		ug/Kg		79	52 - 120
Butyl benzyl phthalate	1330	1040		ug/Kg		78	54 - 120
Caprolactam	2670	2030		ug/Kg		76	55 - 120
Carbazole	1330	999		ug/Kg		75	61 - 120
Chrysene	1330	1000		ug/Kg		75	58 - 120
Dibenz(a,h)anthracene	1330	1070		ug/Kg		80	54 - 120
Dibenzofuran	1330	929		ug/Kg		70	54 - 120
Diethyl phthalate	1330	1010		ug/Kg		76	58 - 120
Dimethyl phthalate	1330	995		ug/Kg		75	58 - 120
Di-n-butyl phthalate	1330	969		ug/Kg		73	54 - 124
Di-n-octyl phthalate	1330	989		ug/Kg		74	53 - 120
Fluoranthene	1330	1050		ug/Kg		79	59 - 120
Fluorene	1330	930		ug/Kg		70	56 - 120
Hexachlorobenzene	1330	969		ug/Kg		73	51 - 120
Hexachlorobutadiene	1330	864		ug/Kg		65	46 - 120
Hexachlorocyclopentadiene	1330	263	J	ug/Kg		20	12 - 120
Hexachloroethane	1330	832		ug/Kg		62	49 - 120
Indeno[1,2,3-cd]pyrene	1330	1070		ug/Kg		81	53 - 120
Isophorone	1330	927		ug/Kg		69	52 - 120
N-Nitrosodi-n-propylamine	1330	886		ug/Kg		66	52 - 120
N-Nitrosodiphenylamine	1330	982		ug/Kg		74	58 - 120
Naphthalene	1330	881		ug/Kg		66	54 - 120
Nitrobenzene	1330	867		ug/Kg		65	52 - 120
Pentachlorophenol	2670	1360		ug/Kg		51	31 - 120
Phenanthrene	1330	947		ug/Kg		71	57 - 120
Phenol	1330	941		ug/Kg		71	48 - 120
Pyrene	1330	1040		ug/Kg		78	59 - 120
3 & 4 Methylphenol	1330	983		ug/Kg		74	51 - 120

Method: 8270E - Semivolatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: LCS 240-632215/2-A
Matrix: Solid
Analysis Batch: 632390

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 632215

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
Terphenyl-d14 (Surr)	*68*		*37 - 120*
Phenol-d5 (Surr)	*64*		*29 - 120*
Nitrobenzene-d5 (Surr)	*62*		*28 - 120*
2-Fluorophenol (Surr)	*63*		*26 - 120*
2-Fluorobiphenyl (Surr)	*61*		*36 - 120*
2,4,6-Tribromophenol (Surr)	*72*		*10 - 120*

Method: 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Lab Sample ID: MB 240-632457/1-A
Matrix: Solid
Analysis Batch: 632451

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 632457

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aroclor-1016	ND		50	25	ug/Kg		10/25/24 09:36	10/25/24 13:31	1
Aroclor-1221	ND		50	30	ug/Kg		10/25/24 09:36	10/25/24 13:31	1
Aroclor-1232	ND		50	21	ug/Kg		10/25/24 09:36	10/25/24 13:31	1
Aroclor-1242	ND		50	19	ug/Kg		10/25/24 09:36	10/25/24 13:31	1
Aroclor-1248	ND		50	17	ug/Kg		10/25/24 09:36	10/25/24 13:31	1
Aroclor-1254	ND		50	21	ug/Kg		10/25/24 09:36	10/25/24 13:31	1
Aroclor-1260	ND		50	21	ug/Kg		10/25/24 09:36	10/25/24 13:31	1
Aroclor-1262	ND		50	22	ug/Kg		10/25/24 09:36	10/25/24 13:31	1
Aroclor-1268	ND		50	16	ug/Kg		10/25/24 09:36	10/25/24 13:31	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Tetrachloro-m-xylene	*95*		*10 - 149*	*10/25/24 09:36*	*10/25/24 13:31*	*1*
DCB Decachlorobiphenyl	*87*		*10 - 174*	*10/25/24 09:36*	*10/25/24 13:31*	*1*

Lab Sample ID: LCS 240-632457/2-A
Matrix: Solid
Analysis Batch: 632451

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 632457

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
Aroclor-1016			1000	579		ug/Kg		58	28 - 140		
Aroclor-1260			1000	554		ug/Kg		55	39 - 153		

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
Tetrachloro-m-xylene	*68*		*10 - 149*
DCB Decachlorobiphenyl	*64*		*10 - 174*

Method: 6010D - Metals (ICP)

Lab Sample ID: MB 240-632326/1-A
Matrix: Solid
Analysis Batch: 632536

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 632326

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	ND		1.5	0.32	mg/Kg		10/24/24 15:00	10/26/24 02:08	1

Method: 6010D - Metals (ICP) (Continued)

Lab Sample ID: MB 240-632326/1-A
Matrix: Solid
Analysis Batch: 632536

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 632326

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Barium	ND		20	0.13	mg/Kg		10/24/24 15:00	10/26/24 02:08	1
Cadmium	ND		0.50	0.048	mg/Kg		10/24/24 15:00	10/26/24 02:08	1
Chromium	ND		1.0	0.34	mg/Kg		10/24/24 15:00	10/26/24 02:08	1
Copper	ND		2.5	0.70	mg/Kg		10/24/24 15:00	10/26/24 02:08	1
Lead	ND		1.0	0.28	mg/Kg		10/24/24 15:00	10/26/24 02:08	1
Selenium	ND		2.0	0.47	mg/Kg		10/24/24 15:00	10/26/24 02:08	1
Silver	ND		1.0	0.081	mg/Kg		10/24/24 15:00	10/26/24 02:08	1
Zinc	ND		5.0	3.6	mg/Kg		10/24/24 15:00	10/26/24 02:08	1

Lab Sample ID: LCS 240-632326/2-A
Matrix: Solid
Analysis Batch: 632536

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 632326

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Arsenic	200	193		mg/Kg		97	80 - 120
Barium	200	193		mg/Kg		96	80 - 120
Cadmium	100	94.5		mg/Kg		94	80 - 120
Chromium	100	95.9		mg/Kg		96	80 - 120
Copper	100	90.1		mg/Kg		90	80 - 120
Lead	100	87.1		mg/Kg		87	80 - 120
Selenium	200	187		mg/Kg		93	80 - 120
Silver	10.0	8.72		mg/Kg		87	80 - 120
Zinc	100	94.4		mg/Kg		94	80 - 120

Method: 7471B - Mercury (CVAA)

Lab Sample ID: MB 240-632328/1-A
Matrix: Solid
Analysis Batch: 632513

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 632328

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	ND		0.10	0.018	mg/Kg		10/24/24 15:00	10/25/24 09:32	1

Lab Sample ID: LCS 240-632328/2-A
Matrix: Solid
Analysis Batch: 632513

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 632328

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Mercury	0.833	0.904		mg/Kg		108	80 - 120

Method: 7196A - Chromium, Hexavalent

Lab Sample ID: MB 410-571031/1-A
Matrix: Solid
Analysis Batch: 571223

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 571031

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cr (VI)	ND		0.42	0.14	mg/Kg		11/04/24 10:22	11/04/24 21:15	1

Method: 7196A - Chromium, Hexavalent (Continued)

Lab Sample ID: LCS 410-571031/2-A
Matrix: Solid
Analysis Batch: 571223

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 571031

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Cr (VI)	5.00	4.71		mg/Kg		94	80 - 120

Lab Sample ID: LCSI 410-571031/3-A
Matrix: Solid
Analysis Batch: 571223

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 571031

Analyte	Spike Added	LCSI Result	LCSI Qualifier	Unit	D	%Rec	%Rec Limits
Cr (VI)	695	628		mg/Kg		90	80 - 120

Method: 9012B - Cyanide, Total andor Amenable

Lab Sample ID: MB 240-633606/1-A
Matrix: Solid
Analysis Batch: 633808

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 633606

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cyanide, Total	ND		0.50	0.40	mg/Kg		11/01/24 15:14	11/01/24 17:04	1

Lab Sample ID: LCS 240-633606/2-A
Matrix: Solid
Analysis Batch: 633808

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 633606

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Cyanide, Total	8.18	7.78		mg/Kg		95	65 - 128

Method: OIA-1677 - Cyanide, Free (Flow Injection)

Lab Sample ID: MB 410-572293/17
Matrix: Solid
Analysis Batch: 572293

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cyanide, Free	ND		0.0060	0.0050	mg/L			11/06/24 11:15	1

Lab Sample ID: LCS 410-572293/16
Matrix: Solid
Analysis Batch: 572293

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Cyanide, Free	0.0500	0.0556		mg/L		111	82 - 132

GC/MS VOA

Analysis Batch: 632400

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
240-213552-2	SB-12B-4-6	Total/NA	Solid	8260D	632517
MB 240-632400/8	Method Blank	Total/NA	Solid	8260D	
LCS 240-632400/6	Lab Control Sample	Total/NA	Solid	8260D	

Prep Batch: 632517

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
240-213552-2	SB-12B-4-6	Total/NA	Solid	5030C	

Analysis Batch: 633325

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
240-213552-3	TB-15-20241021	Total/NA	Water	8260D	
MB 240-633325/7	Method Blank	Total/NA	Water	8260D	
LCS 240-633325/4	Lab Control Sample	Total/NA	Water	8260D	

GC/MS Semi VOA

Prep Batch: 632215

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
240-213552-2	SB-12B-4-6	Total/NA	Solid	3546	
MB 240-632215/1-A	Method Blank	Total/NA	Solid	3546	
LCS 240-632215/2-A	Lab Control Sample	Total/NA	Solid	3546	

Analysis Batch: 632390

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
240-213552-2	SB-12B-4-6	Total/NA	Solid	8270E	632215
MB 240-632215/1-A	Method Blank	Total/NA	Solid	8270E	632215
LCS 240-632215/2-A	Lab Control Sample	Total/NA	Solid	8270E	632215

GC Semi VOA

Analysis Batch: 632451

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
240-213552-2	SB-12B-4-6	Total/NA	Solid	8082A	632457
MB 240-632457/1-A	Method Blank	Total/NA	Solid	8082A	632457
LCS 240-632457/2-A	Lab Control Sample	Total/NA	Solid	8082A	632457

Prep Batch: 632457

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
240-213552-2	SB-12B-4-6	Total/NA	Solid	3546	
MB 240-632457/1-A	Method Blank	Total/NA	Solid	3546	
LCS 240-632457/2-A	Lab Control Sample	Total/NA	Solid	3546	

Metals

Prep Batch: 632326

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
240-213552-2	SB-12B-4-6	Total/NA	Solid	3050B	
MB 240-632326/1-A	Method Blank	Total/NA	Solid	3050B	
LCS 240-632326/2-A	Lab Control Sample	Total/NA	Solid	3050B	

Metals

Prep Batch: 632328

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
240-213552-2	SB-12B-4-6	Total/NA	Solid	7471B	
MB 240-632328/1-A	Method Blank	Total/NA	Solid	7471B	
LCS 240-632328/2-A	Lab Control Sample	Total/NA	Solid	7471B	

Analysis Batch: 632513

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
240-213552-2	SB-12B-4-6	Total/NA	Solid	7471B	632328
MB 240-632328/1-A	Method Blank	Total/NA	Solid	7471B	632328
LCS 240-632328/2-A	Lab Control Sample	Total/NA	Solid	7471B	632328

Analysis Batch: 632536

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
240-213552-2	SB-12B-4-6	Total/NA	Solid	6010D	632326
MB 240-632326/1-A	Method Blank	Total/NA	Solid	6010D	632326
LCS 240-632326/2-A	Lab Control Sample	Total/NA	Solid	6010D	632326

General Chemistry

Leach Batch: 568951

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
240-213552-2	SB-12B-4-6	ASTM Leach	Solid	D3987-85	

Prep Batch: 571031

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
240-213552-2	SB-12B-4-6	Total/NA	Solid	3060A	
MB 410-571031/1-A	Method Blank	Total/NA	Solid	3060A	
LCS 410-571031/2-A	Lab Control Sample	Total/NA	Solid	3060A	
LCSI 410-571031/3-A	Lab Control Sample	Total/NA	Solid	3060A	

Analysis Batch: 571223

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
240-213552-2	SB-12B-4-6	Total/NA	Solid	7196A	571031
MB 410-571031/1-A	Method Blank	Total/NA	Solid	7196A	571031
LCS 410-571031/2-A	Lab Control Sample	Total/NA	Solid	7196A	571031
LCSI 410-571031/3-A	Lab Control Sample	Total/NA	Solid	7196A	571031

Analysis Batch: 572293

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
240-213552-2	SB-12B-4-6	ASTM Leach	Solid	OIA-1677	568951
MB 410-572293/17	Method Blank	Total/NA	Solid	OIA-1677	
LCS 410-572293/16	Lab Control Sample	Total/NA	Solid	OIA-1677	

Analysis Batch: 632106

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
240-213552-2	SB-12B-4-6	Total/NA	Solid	Moisture	

Prep Batch: 633606

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
240-213552-2	SB-12B-4-6	Total/NA	Solid	9012B	
MB 240-633606/1-A	Method Blank	Total/NA	Solid	9012B	
LCS 240-633606/2-A	Lab Control Sample	Total/NA	Solid	9012B	

QC Association Summary

Client: August Mack Environmental, Inc.
Project/Site: MSC Canfield - Soil

Job ID: 240-213552-1

General Chemistry

Analysis Batch: 633808

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
240-213552-2	SB-12B-4-6	Total/NA	Solid	9012B	633606
MB 240-633606/1-A	Method Blank	Total/NA	Solid	9012B	633606
LCS 240-633606/2-A	Lab Control Sample	Total/NA	Solid	9012B	633606

Lab Chronicle

Client: August Mack Environmental, Inc.
Project/Site: MSC Canfield - Soil

Job ID: 240-213552-1

Client Sample ID: SB-12B-4-6

Date Collected: 10/21/24 15:40
Date Received: 10/22/24 16:10

Lab Sample ID: 240-213552-2

Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	Moisture		1	632106	AAP	EET CLE	10/23/24 15:51
ASTM Leach	Leach	D3987-85			568951	UNWS	ELLE	10/29/24 14:31 - 10/30/24 08:15 [1]
ASTM Leach	Analysis	OIA-1677		1	572293	UJE2	ELLE	11/06/24 11:45

Client Sample ID: SB-12B-4-6

Date Collected: 10/21/24 15:40
Date Received: 10/22/24 16:10

Lab Sample ID: 240-213552-2

Matrix: Solid
Percent Solids: 78.0

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5030C			632517	TJL2	EET CLE	10/25/24 11:33
Total/NA	Analysis	8260D		1	632400	CS	EET CLE	10/25/24 21:29
Total/NA	Prep	3546			632215	BV1	EET CLE	10/24/24 08:36
Total/NA	Analysis	8270E		1	632390	LKG	EET CLE	10/25/24 15:49
Total/NA	Prep	3546			632457	BV1	EET CLE	10/25/24 09:36
Total/NA	Analysis	8082A		1	632451	MBB	EET CLE	10/25/24 19:08
Total/NA	Prep	3050B			632326	DEE	EET CLE	10/24/24 15:00
Total/NA	Analysis	6010D		1	632536	RKT	EET CLE	10/26/24 03:12
Total/NA	Prep	7471B			632328	DEE	EET CLE	10/24/24 15:00
Total/NA	Analysis	7471B		1	632513	S4FJ	EET CLE	10/25/24 09:56
Total/NA	Prep	3060A			571031	W2JF	ELLE	11/04/24 10:22
Total/NA	Analysis	7196A		1	571223	UDS7	ELLE	11/04/24 21:15
Total/NA	Prep	9012B			633606	VH6H	EET CLE	11/01/24 15:14
Total/NA	Analysis	9012B		5	633808	VH6H	EET CLE	11/01/24 19:12

Client Sample ID: TB-15-20241021

Date Collected: 10/21/24 00:00
Date Received: 10/22/24 16:10

Lab Sample ID: 240-213552-3

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260D		1	633325	LEE	EET CLE	10/31/24 20:34

[1] This procedure uses a method stipulated length of time for the process. Both start and end times are displayed.

Laboratory References:

EET CLE = Eurofins Cleveland, 180 S. Van Buren Avenue, Barberton, OH 44203, TEL (330)497-9396

ELLE = Eurofins Lancaster Laboratories Environment Testing, LLC, 2425 New Holland Pike, Lancaster, PA 17601, TEL (717)656-2300

Accreditation/Certification Summary

Client: August Mack Environmental, Inc.
Project/Site: MSC Canfield - Soil

Job ID: 240-213552-1

Laboratory: Eurofins Cleveland

All accreditations/certifications held by this laboratory are listed. Not all accreditations/certifications are applicable to this report.

Authority	Program	Identification Number	Expiration Date
California	State	2927	02-28-25
Connecticut	State	PH-0806	12-31-26
Georgia	State	4062	02-27-25
Illinois	NELAP	200004	08-31-25
Iowa	State	421	06-01-25
Kentucky (UST)	State	112225	02-27-25
Kentucky (WW)	State	KY98016	12-30-24
Minnesota	NELAP	039-999-348	12-31-24
New Hampshire	NELAP	225024	09-30-25
New Jersey	NELAP	OH001	07-03-25
New York	NELAP	10975	04-02-25
Ohio VAP	State	ORELAP 4062	02-27-25
Oregon	NELAP	4062	02-27-25
Pennsylvania	NELAP	68-00340	08-31-25
Texas	NELAP	T104704517-22-19	08-31-25
USDA	US Federal Programs	P330-18-00281	01-05-27
Virginia	NELAP	460175	09-14-25
West Virginia DEP	State	210	12-31-24

Laboratory: Eurofins Lancaster Laboratories Environment Testing, LLC

All accreditations/certifications held by this laboratory are listed. Not all accreditations/certifications are applicable to this report.

Authority	Program	Identification Number	Expiration Date
A2LA	Dept. of Defense ELAP	0001.01	11-30-26
A2LA	ISO/IEC 17025	0001.01	11-30-26
Alabama	State	43200	01-31-25
Alaska	State	PA00009	06-30-25
Alaska (UST)	State	17-027	02-28-25
Arizona	State	AZ0780	03-12-25
Arkansas DEQ	State	88-00660	08-09-25
California	State	2792	11-30-24
Colorado	State	PA00009	06-30-25
Connecticut	State	PH-0746	06-30-25
DE Haz. Subst. Cleanup Act (HSCA)	State	019-006 (PA cert)	01-31-25
Delaware (DW)	State	N/A	01-31-25
Florida	NELAP	E87997	06-30-25
Georgia (DW)	State	C048	01-31-25
Hawaii	State	N/A	01-31-25
Illinois	NELAP	200027	01-31-25
Iowa	State	361	03-01-26
Kentucky (DW)	State	KY90088	12-31-24
Kentucky (UST)	State	0001.01	11-30-26
Kentucky (WW)	State	KY90088	12-31-24
Louisiana (All)	NELAP	02055	06-30-25
Maine	State	2019012	03-12-25
Maryland	State	100	06-30-25
Massachusetts	State	M-PA009	06-30-25
Michigan	State	9930	01-31-25
Minnesota	NELAP	042-999-487	12-31-24
Mississippi	State	023	01-31-25

Accreditation/Certification Summary

Client: August Mack Environmental, Inc. Job ID: 240-213552-1
Project/Site: MSC Canfield - Soil

Laboratory: Eurofins Lancaster Laboratories Environment Testing, LLC (Continued)

All accreditations/certifications held by this laboratory are listed. Not all accreditations/certifications are applicable to this report.

Authority	Program	Identification Number	Expiration Date
Missouri	State	450	01-31-25
Montana (DW)	State	0098	01-01-25
Nebraska	State	NE-OS-32-17	01-31-25
New Hampshire	NELAP	2730	01-10-25
New Jersey	NELAP	PA011	06-30-25
New York	NELAP	10670	04-01-25
North Carolina (DW)	State	42705	07-31-25
North Carolina (WW/SW)	State	521	12-31-25
North Dakota	State	R-205	01-31-24 *
Oklahoma	NELAP	9804	08-31-24 *
Oregon	NELAP	PA200001	09-11-25
Pennsylvania	NELAP	36-00037	01-31-25
Quebec Ministry of Environment and Fight against Climate Change	PALA	507	09-16-29
Rhode Island	State	LAO00338	12-30-24
South Carolina	State	89002	01-31-25
Tennessee	State	02838	01-31-25
Texas	NELAP	T104704194-23-46	08-31-25
USDA	US Federal Programs	525-22-298-19481	10-25-25
Vermont	State	VT - 36037	10-28-25
Virginia	NELAP	460182	06-14-25
Washington	State	C457	04-11-25
West Virginia (DW)	State	9906 C	01-31-25
West Virginia DEP	State	055	07-31-25
Wyoming	State	8TMS-L	01-31-25
Wyoming (UST)	A2LA	0001.01	11-30-26

* Accreditation/Certification renewal pending - accreditation/certification considered valid.

Eurofins Cleveland
180 S. Van Buren Avenue
Barberton, OH 44203
Phone (330) 497-9396 Phone (330) 497-0772

Chain of Custody Record

eurofins | Environment Testing

Client Information	Sampler: Nathan Byrd	Lab PM: Kalis, Nicole A	Carrier Tracking No(s):	COC No: 240-124901-43556.4
Client Contact: Kain Lager-Lowe	Phone:	E-Mail: Nicole.Kalis@et.eurofinsus.com	State of Origin:	Page: Page 4 of 12
Company: August Mack Environmental, Inc.	PWSID:			Job #:

Address: 7830 North Central Drive, Suite B	Due Date Requested:
City: Lewis Center	TAT Requested (days): Standard
State, Zip: OH, 43035	Compliance Project: Δ Yes Δ No
Phone: 740-548-1515(Tel)	PO #:
Email: klagerlowe@augustmack.com	WO #:
Project Name: MSC Canfield - Soil/Surface Water	Project #: DO NOT DELETE - 24033889
Site:	SSOW#:

Analysis Requested

Preservation Codes:
N - None
A - HCL
B - NaOH
D - HNO3
Other:

Sample Identification	Sample Date	Sample Time	Sample Type (C=Comp, G=grab)	Matrix (W=water, S=solid, O=wasteoil, BT=Tissue, A=Air)	Field Filtered Sample (Yes or No)	Perform MS/MSD (Yes or No)	8260D - VOCs	8270E - SVOCs	8082A - PCBs	6010D, 7471B - RCRA 8, Cu & Zn	9012B - Total Cyanide	7196A - Hexavalent Chromium	1677 - Free Cyanide	Total Number of containers	Special Instructions/Note:
			Preservation Code:				N	N	N	N	N	N	N		
SB-12A-4-6	10/21/24	1540	G	Solid	N	N	X	X	X	X	X	X	X		hold samples
SB-12B-4-6	10/21/24	1540	G	Solid	N	N	X	X	X	X	X	X	X		
TB-1S-20241021	10/21/24	/	G	Solid	N	N	X								
				Solid											
				Solid											
				Solid											
				Solid											
				Solid											
				Solid											
				Solid											
				Solid											

240-213552 Chain of Custody

Possible Hazard Identification
☐ Non-Hazard ☐ Flammable ☐ Skin Irritant ☐ Poison B ☐ Unknown ☐ Radiological

Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)
☐ Return To Client ☐ Disposal By Lab ☐ Archive For _____ Months

Deliverable Requested: I, II, III, IV, Other (specify)

Special Instructions/QC Requirements:

Empty Kit Relinquished by:	Date:	Time:	Method of Shipment:

Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company
	10-22-24 / 1500	AME		10/22/24 1500	EVR
Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company
	10-22-24 / 1610	EVR	JESSICA RIGDON	10-22-24 1610	EETNC
Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company

Custody Seals Intact: Δ Yes Δ No	Custody Seal No.:	Cooler Temperature(s) °C and Other Remarks:

Eurofins – Cleveland Sample Receipt Form/Narrative Login # : 213552
Barberton Facility

Client August Mack Site Name

Cooler unpacked by: JESSICA RIGDON

Cooler Received on 10.22.24 Opened on 10.23.24

FedEx: 1st Grd Exp UPS FAS Waypoint Client Drop Off Eurofins Courier Other

Receipt After-hours Drop-off Date/Time Storage Location

Eurofins Cooler # 6C Foam Box Client Cooler Box Other

Packing material used. Bubble Wrap Foam Plastic Bag None Other

COOLANT Wet Ice Blue Ice Dry Ice Water None

1 Cooler temperature upon receipt ☒ See Multiple Cooler Form

IR GUN # 19 (CF +0.7 °C) Observed Cooler Temp. °C Corrected Cooler Temp. °C

2. Were tamper/custody seals on the outside of the cooler(s)? If Yes Quantity	Yes (No)	**Tests that are not checked for pH by Receiving:** VOAs, Oil and Grease, TOC
-Were the seals on the outside of the cooler(s) signed & dated?	Yes No (NA)	
-Were tamper/custody seals on the bottle(s) or bottle kits (LLHg/MeHg)?	Yes (No)	
-Were tamper/custody seals intact and uncompromised?	Yes No (NA)	
3 Shippers' packing slip attached to the cooler(s)?	Yes (No)	
4. Did custody papers accompany the sample(s)?	(Yes) No	
5 Were the custody papers relinquished & signed in the appropriate place?	(Yes) No	
6. Was/were the person(s) who collected the samples clearly identified on the COC?	(Yes) No	
7 Did all bottles arrive in good condition (Unbroken)?	(Yes) No	
8 Could all bottle labels (ID/Date/Time) be reconciled with the COC?	(Yes) No	
9 For each sample, does the COC specify preservatives (Y/N), # of containers (Y/N) and sample type of grab/comp (Y/N)?		
10 Were correct bottle(s) used for the test(s) indicated?	(Yes) No	
11 Sufficient quantity received to perform indicated analyses?	(Yes) No	
12 Are these work share samples and all listed on the COC?	Yes (No)	
If yes, Questions 13-17 have been checked at the originating laboratory		
13 Were all preserved sample(s) at the correct pH upon receipt?	Yes No (NA)	pH Strip Lot# HC447997
14. Were VOAs on the COC?	(Yes) No	
15 Were air bubbles >6 mm in any VOA vials? ● ← Larger than this.	Yes (No) NA	
16. Was a VOA trip blank present in the cooler(s)? Trip Blank Lot # 011550 13	(Yes) No	
17 Was a LL Hg or Me Hg trip blank present?	Yes (No)	

Contacted PM Date by via Verbal Voice Mail Other

Concerning

18. CHAIN OF CUSTODY & SAMPLE DISCREPANCIES ☐ additional next page

Samples processed by:

19 SAMPLE CONDITION

Sample(s) were received after the recommended holding time had expired.

Sample(s) were received in a broken container

Sample(s) were received with bubble >6 mm in diameter (Notify PM)

20. SAMPLE PRESERVATION

Sample(s) were further preserved in the laboratory

Time preserved. Preservative(s) added/Lot number(s):

VOA Sample Preservation - Date/Time VOAs Frozen.

Login # : 213552

11/7/2024

Eurofins - Cleveland Sample Receipt Multiple Cooler Form

Cooler Description (Circle)	IR Gun # (Circle)	Observed Temp °C	Corrected Temp °C	Coolant (Circle)
(EC) Client Box Other	IR GUN #: 19	4.4	6.1	(Wet Ice) Blue Ice Dry Ice Water None
(EC) Client Box Other	IR GUN #: 19	3.4	5.1	(Wet Ice) Blue Ice Dry Ice Water None
(EC) Client Box Other	IR GUN #: 19	4.2	5.9	(Wet Ice) Blue Ice Dry Ice Water None
(EC) Client Box Other	IR GUN #: 19	3.2	4.9	(Wet Ice) Blue Ice Dry Ice Water None
(EC) Client Box Other	IR GUN #: 19	2.7	4.4	(Wet Ice) Blue Ice Dry Ice Water None
(EC) Client Box Other	IR GUN #: 14	4.2	5.9	(Wet Ice) Blue Ice Dry Ice Water None
EC Client Box Other	IR GUN #:			Wet Ice

10/23/2024

Login Container Summary Report

240-213552

11/7/2024

Temperature readings _____

Client Sample ID	Lab ID	Container Type	Container pH	Container Temp	Preservation Added	Preservation Lot Number
SB-12A-4-6	240-213552-A-1	SnapCap 1/2 ounce unpreserved				
SB-12A-4-6	240-213552-B-1	Soil jar 2oz - clear glass				
SB-12A-4-6	240-213552-C-1	Soil jar 4oz - clear glass				
SB-12A-4-6	240-213552-D-1	Soil jar 4oz - clear glass				
SB-12A-4-6	240-213552-E-1	Soil jar 4oz - clear glass				
SB-12A-4-6	240-213552-F-1	Soil jar 4oz - clear glass				
SB-12A-4-6	240-213552-G-1	Soil jar 4oz - clear glass				
SB-12B-4-6	240-213552-A-2	SnapCap 1/2 ounce unpreserved				
SB-12B-4-6	240-213552-B-2	Soil jar 2oz - clear glass				
SB-12B-4-6	240-213552-C-2	Soil jar 4oz - clear glass				
SB-12B-4-6	240-213552-D-2	Soil jar 4oz - clear glass				
SB-12B-4-6	240-213552-E-2	Soil jar 4oz - clear glass				
SB-12B-4-6	240-213552-F-2	Soil jar 4oz - clear glass				
SB-12B-4-6	240-213552-G-2	Soil jar 4oz - clear glass				
TB-15-20241021	240-213552-A-3	Voa Vial 40ml - Hydrochloric Acid				

Eurofins Cleveland
180 S. Van Buren Avenue
Barberton, OH 44203
Phone: 330-497-9396 Fax: 330-497-0772

Chain of Custody Record

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Client Information (Sub Contract Lab)	Sampler: N/A	Lab PM: Kalis, Nicole A	Carrier Tracking No(s): N/A	COC No: 240-192638.1
Client Contact: Shipping/Receiving	Phone: N/A	E-Mail: Nicole.Kalis@et.eurofinsus.com	State of Origin: Ohio	Page: Page 1 of 1
Company: Eurofins Lancaster Laboratories Environm		Accreditations Required (See note): N/A		Job #: 240-213552-1
Address: 2425 New Holland Pike,	Due Date Requested: 11/4/2024	Analysis Requested		Preservation Codes: -
City: Lancaster	TAT Requested (days): N/A			
State, Zip: PA, 17601				
Phone: 717-656-2300(Tel)	PO #: N/A			
Email: N/A	WO #: N/A			
Project Name: MSC Canfield	Project #: 24033889			
Site: N/A	SSOW#: N/A			Other: N/A

Sample Identification - Client ID (Lab ID)	Sample Date	Sample Time	Sample Type (C=comp, G=grab)	Matrix (W=water, S=solid, O=waste/oil, BT=Tissue, A=Air)	Perform MS/MSD (Yes or No)	Field Filtered Sample (Yes or No)	1677_Free/ASTM_LEACH_NP Cyanide, Free (Hold)	7196A/3060A Chromium, Hexavalent (Hold)	1677_Free/ASTM_LEACH_NP Cyanide, Free	7196A/3060A Chromium, Hexavalent	Total Number of containers	Special Instructions/Note:
			Preservation Code:									
SB-12A-4-6 (240-213552-1)	10/21/24	15:40 Eastern	G	Solid			X	X			2	Use caution! Site contaminated with solvent waste
SB-12B-4-6 (240-213552-2)	10/21/24	15:40 Eastern	G	Solid					X	X	2	Use caution! Site contaminated with solvent waste

Note: Since laboratory accreditations are subject to change, Eurofins Environment Testing North Central, LLC places the ownership of method, analyte & accreditation compliance upon our subcontract laboratories. This sample shipment is forwarded under chain-of-custody. If the laboratory does not currently maintain accreditation in the State of Origin listed above for analysis/tests/matrix being analyzed, the samples must be shipped back to the Eurofins Environment Testing North Central, LLC laboratory or other instructions will be provided. Any changes to accreditation status should be brought to Eurofins Environment Testing North Central, LLC attention immediately. If all requested accreditations are current to date, return the signed Chain of Custody attesting to said compliance to Eurofins Environment Testing North Central, LLC.

Possible Hazard Identification	Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)
Unconfirmed	☐ Return To Client ☐ Disposal By Lab ☐ Archive For ____ Months
Deliverable Requested: I, II, III, IV, Other (specify) Primary Deliverable Rank: 2	Special Instructions/QC Requirements:

Empty Kit Relinquished by:	Date:	Time:	Method of Shipment:

	Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company
1	JESSICA RIGDON	10-23-24 1600	EETNC			
2						
3					10/24/24 0914	FEDEX

Custody Seals Intact: Δ Yes Δ No	Custody Seal No.:	Cooler Temperature(s) °C and Other Remarks: 10.5 - C0.1 11.5 - C1.1

Login Sample Receipt Checklist

Client: August Mack Environmental, Inc.

Job Number: 240-213552-1

Login Number: 213552
List Number: 2
Creator: Ballard, Megan

List Source: Eurofins Lancaster Laboratories Environment Testing, LLC
List Creation: 10/24/24 12:20 PM

Question	Answer	Comment
The cooler's custody seal is intact.	True	
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	True	
Cooler Temperature acceptable,where thermal pres is required(</=6C, not frozen).	True	
Cooler Temperature is recorded.	True	
WV:Container Temp acceptable,where thermal pres is required (</=6C, not frozen).	N/A	
WV: Container Temperature is recorded.	N/A	
COC is present.	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information.	True	
There are no discrepancies between the containers received and the COC.	True	
Sample containers have legible labels.	True	
Containers are not broken or leaking.	True	
Sample collection date/times are provided.	True	
Appropriate sample containers are used.	True	
Sample bottles are completely filled.	True	
There is sufficient vol. for all requested analyses.	True	
Is the Field Sampler's name present on COC?	False	Received project as a subcontract.
Sample custody seals are intact.	N/A	
VOA sample vials do not have headspace >6mm in diameter (none, if from WV)?	N/A	

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ANALYTICAL REPORT

PREPARED FOR

Attn: Kain Lager-Lowe
August Mack Environmental, Inc.
7830 North Central Drive, Suite B
Lewis Center, Ohio 43035

Generated 11/5/2024 3:29:02 AM

JOB DESCRIPTION

MSC Canfield - Surface Water

JOB NUMBER

240-213553-1

Eurofins Cleveland
180 S. Van Buren Avenue
Barberton OH 44203

See page two for job notes and contact information.

my EOL

Job Notes

This report may not be reproduced except in full, and with written approval from the laboratory. The results relate only to the samples tested. For questions please contact the Project Manager at the e-mail address or telephone number listed on this page.

The test results in this report relate only to the samples as received by the laboratory and will meet all requirements of the methodology, with any exceptions noted. This report shall not be reproduced except in full, without the express written approval of the laboratory. All questions should be directed to the Eurofins Environment Testing North Central, LLC Project Manager.

Authorization



Generated
11/5/2024 3:29:02 AM

Authorized for release by
Nicole Kalis, Project Manager I
Nicole.Kalis@et.eurofinsus.com
(330)497-9396

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Definitions/Glossary

Client: August Mack Environmental, Inc. Job ID: 240-213553-1
Project/Site: MSC Canfield - Surface Water

Qualifiers

GC/MS VOA

Qualifier	Qualifier Description
B	Compound was found in the blank and sample.
J	Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.

GC/MS Semi VOA

Qualifier	Qualifier Description
J	Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.

Metals

Qualifier	Qualifier Description
J	Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.

General Chemistry

Qualifier	Qualifier Description
H	Sample was prepped or analyzed beyond the specified holding time. This does not meet regulatory requirements.
J	Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.

Glossary

Abbreviation	These commonly used abbreviations may or may not be present in this report.
☼	Listed under the "D" column to designate that the result is reported on a dry weight basis
%R	Percent Recovery
CFL	Contains Free Liquid
CFU	Colony Forming Unit
CNF	Contains No Free Liquid
DER	Duplicate Error Ratio (normalized absolute difference)
Dil Fac	Dilution Factor
DL	Detection Limit (DoD/DOE)
DL, RA, RE, IN	Indicates a Dilution, Re-analysis, Re-extraction, or additional Initial metals/anion analysis of the sample
DLC	Decision Level Concentration (Radiochemistry)
EDL	Estimated Detection Limit (Dioxin)
LOD	Limit of Detection (DoD/DOE)
LOQ	Limit of Quantitation (DoD/DOE)
MCL	EPA recommended "Maximum Contaminant Level"
MDA	Minimum Detectable Activity (Radiochemistry)
MDC	Minimum Detectable Concentration (Radiochemistry)
MDL	Method Detection Limit
ML	Minimum Level (Dioxin)
MPN	Most Probable Number
MQL	Method Quantitation Limit
NC	Not Calculated
ND	Not Detected at the reporting limit (or MDL or EDL if shown)
NEG	Negative / Absent
POS	Positive / Present
PQL	Practical Quantitation Limit
PRES	Presumptive
QC	Quality Control
RER	Relative Error Ratio (Radiochemistry)
RL	Reporting Limit or Requested Limit (Radiochemistry)
RPD	Relative Percent Difference, a measure of the relative difference between two points
TEF	Toxicity Equivalent Factor (Dioxin)
TEQ	Toxicity Equivalent Quotient (Dioxin)
TNTC	Too Numerous To Count

Job ID: 240-213553-1 Eurofins Cleveland

Job Narrative
240-213553-1

Analytical test results meet all requirements of the associated regulatory program listed on the Accreditation/Certification Summary Page unless otherwise noted under the individual analysis. Data qualifiers and/or narrative comments are included to explain any exceptions, if applicable.

- Matrix QC may not be reported if insufficient sample is provided or site-specific QC samples were not submitted. In these situations, to demonstrate precision and accuracy at a batch level, a LCS/LCSD may be performed, unless otherwise specified in the method.
- Surrogate and/or isotope dilution analyte recoveries (if applicable) which are outside of the QC window are confirmed unless attributed to a dilution or otherwise noted in the narrative.

Regulated compliance samples (e.g. SDWA, NPDES) must comply with the associated agency requirements/permits.

Receipt
The samples were received on 10/22/2024 4:10 PM. Unless otherwise noted below, the samples arrived in good condition, and, where required, properly preserved and on ice. The temperatures of the 6 coolers at receipt time were 4.4°C, 4.9°C, 5.1°C, 5.9°C, 5.9°C and 6.1°C.

GC/MS VOA
Method 8260D: The method blank for analytical batch 240-633401 contained cis-1,2-Dichloroethene above the method detection limit. This target analyte concentration was less than the reporting limit (RL) in the method blank; therefore, re-extraction and/or re-analysis of samples was not performed.

Method 8260D: The continuing calibration verification (CCV) analyzed in batch 240-633401 was outside the method criteria for the following analyte(s): 1,1,2-Trichloro-1,2,2-trifluoroethane, Bromomethane, Carbon disulfide, Methylcyclohexane and Trichlorofluoromethane. A CCV standard at or below the reporting limit (RL) was analyzed with the affected samples and found to be acceptable. As indicated in the reference method, sample analysis may proceed; however, any detection for the affected analyte(s) is considered estimated.

Method 8260D: The continuing calibration verification (CCV) analyzed in batch 240-633652 was outside the method criteria for the following analyte(s): Bromomethane, Cyclohexane, Methylcyclohexane and Trichlorofluoromethane. A CCV standard at or below the reporting limit (RL) was analyzed with the affected samples and found to be acceptable. As indicated in the reference method, sample analysis may proceed; however, any detection for the affected analyte(s) is considered estimated.

Method 8260D: NO MS/MSD in batch 633652 due to a dilution error.

SB-14-GW-18-28 (240-213553-1)

No additional analytical or quality issues were noted, other than those described above or in the Definitions/ Glossary page.

GC/MS Semi VOA
Method 8270E: The continuing calibration verification (CCV) associated with batch 240-633270 recovered above the upper control limit for Hexachlorobenzene and Pentachlorophenol. The samples associated with this CCV were non-detects for the affected analytes; therefore, the data have been reported. The following sample is impacted: SB-14-GW-18-28 (240-213553-1).

Method 8270E: The continuing calibration verification (CCV) associated with batch 240-633270 recovered outside acceptance criteria, low biased, for 2-Methylphenol, 3 & 4 Methylphenol and Phenol. A reporting limit (RL) standard was analyzed, and the target analytes were detected. Since the associated samples were non-detect for the analytes, the data are reported. Sample SB-14-GW-18-28 (240-213553-1) were impacted.

Method 8270E: The method blank for preparation batch 240-632213 contained Naphthalene above the reporting limit (RL). Associated sample SB-14-GW-18-28 (240-213553-1) and SB-12-GW-18-28 (240-213553-2) was ND for the target compound; therefore, re-extraction and/or re-analysis of samples were not performed.

Method 8270E: The continuing calibration verification (CCV) associated with batch 240-633649 recovered outside acceptance criteria, low biased, for 2,2-oxybis[1-chloropropane] and Benzaldehyde. A reporting limit (RL) standard was analyzed, and the target analytes were detected. Since the associated samples were non-detect for the analytes, the data were reported. Sample SB-12-GW-18-28 (240-213553-2) were impacted.

No additional analytical or quality issues were noted, other than those described above or in the Definitions/ Glossary page.

PCBs
Method 8082A: Insufficient sample volume was available to perform a matrix spike/matrix spike duplicate (MS/MSD) associated with preparation batch 240-632221.

No additional analytical or quality issues were noted, other than those described above or in the Definitions/ Glossary page.

Metals
No additional analytical or quality issues were noted, other than those described above or in the Definitions/ Glossary page.

General Chemistry
Method 1677_Free: The following sample was found to contain residual chlorine: SB-14-GW-18-28 (240-213553-1).

Method 7196A: The following sample(s) was received with less than 2 days remaining on the holding time or less than one shift (8 hours) remaining on a test with a holding time of 48 hours or less. As such, the laboratory had insufficient time remaining to perform the analysis within holding time: SB-14-GW-18-28 (240-213553-1) and SB-14-GW-18-28 (240-213553-4).

Method 7196A: The following samples were diluted due to the nature of the sample matrix: SB-12-GW-18-28 (240-213553-2), (240-213553-A-2 MS) and (240-213553-A-2 MSD). Elevated reporting limits (RLs) are provided.

Method 7196A - Dissolved: The following sample(s) was received with less than 2 days remaining on the holding time or less than one shift (8 hours) remaining on a test with a holding time of 48 hours or less. As such, the laboratory had insufficient time remaining to perform the analysis within holding time: SB-14-GW-18-28 (240-213553-1) and SB-14-GW-18-28 (240-213553-4).

Method 7196A - Dissolved: The following samples were diluted due to the nature of the sample matrix: SB-12-GW-18-28 (240-213553-2), (240-213553-A-2 MS) and (240-213553-A-2 MSD). Elevated reporting limits (RLs) are provided.

No additional analytical or quality issues were noted, other than those described above or in the Definitions/ Glossary page.

Method Summary

Client: August Mack Environmental, Inc.
Project/Site: MSC Canfield - Surface Water

Job ID: 240-213553-1

Method	Method Description	Protocol	Laboratory
8260D	Volatile Organic Compounds by GC/MS	SW846	EET CLE
8270E	Semivolatile Organic Compounds (GC/MS)	SW846	EET CLE
8082A	Polychlorinated Biphenyls (PCBs) by Gas Chromatography	SW846	EET CLE
6010D	Metals (ICP)	SW846	EET CLE
7470A	Mercury (CVAA)	SW846	EET CLE
7196A	Chromium, Hexavalent	SW846	EET CLE
9012B	Cyanide, Total andor Amenable	SW846	EET CLE
OIA-1677	Cyanide, Free (Flow Injection)	OI CORP	ELLE
3005A	Preparation, Total Recoverable or Dissolved Metals	SW846	EET CLE
3510C	Liquid-Liquid Extraction (Separatory Funnel)	SW846	EET CLE
3510C LVI	Liquid-Liquid Extraction (Separatory Funnel) LVI	SW846	EET CLE
5030C	Purge and Trap	SW846	EET CLE
7470A	Preparation, Mercury	SW846	EET CLE
9012B	Cyanide, Total and/or Amenable, Distillation	SW846	EET CLE

Protocol References:

OI CORP = OI Corporation Instrument Manual.

SW846 = "Test Methods For Evaluating Solid Waste, Physical/Chemical Methods", Third Edition, November 1986 And Its Updates.

Laboratory References:

EET CLE = Eurofins Cleveland, 180 S. Van Buren Avenue, Barberton, OH 44203, TEL (330)497-9396

ELLE = Eurofins Lancaster Laboratories Environment Testing, LLC, 2425 New Holland Pike, Lancaster, PA 17601, TEL (717)656-2300

Sample Summary

Client: August Mack Environmental, Inc.
Project/Site: MSC Canfield - Surface Water

Job ID: 240-213553-1

Lab Sample ID	Client Sample ID	Matrix	Collected	Received
240-213553-1	SB-14-GW-18-28	Water	10/22/24 12:15	10/22/24 16:10
240-213553-2	SB-12-GW-18-28	Water	10/22/24 14:18	10/22/24 16:10
240-213553-3	SB-12-GW-18-28	Water	10/22/24 14:18	10/22/24 16:10
240-213553-4	SB-14-GW-18-28	Water	10/22/24 12:15	10/22/24 16:10

Detection Summary

Client: August Mack Environmental, Inc.
Project/Site: MSC Canfield - Surface Water

Job ID: 240-213553-1

Client Sample ID: SB-14-GW-18-28 — Lab Sample ID: 240-213553-1

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
2-Butanone (MEK)	1.9	J	10	1.2	ug/L	1		8260D	Total/NA
Bis(2-ethylhexyl) phthalate	4.4	J	5.0	2.2	ug/L	1		8270E	Total/NA
Arsenic	46		15	4.1	ug/L	1		6010D	Total Recoverable
Barium	81	J	200	1.3	ug/L	1		6010D	Total Recoverable
Cadmium	0.58	J	5.0	0.45	ug/L	1		6010D	Total Recoverable
Chromium	17		10	0.76	ug/L	1		6010D	Total Recoverable
Copper	34		25	3.5	ug/L	1		6010D	Total Recoverable
Lead	16		10	2.8	ug/L	1		6010D	Total Recoverable
Zinc	120		50	23	ug/L	1		6010D	Total Recoverable
Cyanide, Total	0.087		0.010	0.0060	mg/L	1		9012B	Total/NA
Cyanide, Free	0.015		0.0060	0.0050	mg/L	1		OIA-1677	Total/NA

Client Sample ID: SB-12-GW-18-28 — Lab Sample ID: 240-213553-2

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
2-Butanone (MEK)	2.0	J	10	1.2	ug/L	1		8260D	Total/NA
cis-1,2-Dichloroethene	0.52	J B	1.0	0.46	ug/L	1		8260D	Total/NA
Bis(2-ethylhexyl) phthalate	4.3	J	4.8	2.1	ug/L	1		8270E	Total/NA
Arsenic	170		15	4.1	ug/L	1		6010D	Total Recoverable
Barium	520		200	1.3	ug/L	1		6010D	Total Recoverable
Cadmium	1.3	J	5.0	0.45	ug/L	1		6010D	Total Recoverable
Chromium	140		10	0.76	ug/L	1		6010D	Total Recoverable
Copper	190		25	3.5	ug/L	1		6010D	Total Recoverable
Lead	90		10	2.8	ug/L	1		6010D	Total Recoverable
Zinc	660		50	23	ug/L	1		6010D	Total Recoverable
Mercury	0.14	J	0.20	0.13	ug/L	1		7470A	Total/NA
Cyanide, Total	0.051		0.010	0.0060	mg/L	1		9012B	Total/NA
Cyanide, Free	0.0064		0.0060	0.0050	mg/L	1		OIA-1677	Total/NA

Client Sample ID: SB-12-GW-18-28 — Lab Sample ID: 240-213553-3

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Arsenic	18		15	4.1	ug/L	1		6010D	Dissolved
Barium	53	J	200	1.3	ug/L	1		6010D	Dissolved
Chromium	6.5	J	10	0.76	ug/L	1		6010D	Dissolved
Copper	9.1	J	25	3.5	ug/L	1		6010D	Dissolved
Lead	4.1	J	10	2.8	ug/L	1		6010D	Dissolved
Zinc	52		50	23	ug/L	1		6010D	Dissolved

This Detection Summary does not include radiochemical test results.

Detection Summary

Client: August Mack Environmental, Inc.
Project/Site: MSC Canfield - Surface Water

Job ID: 240-213553-1

Client Sample ID: SB-14-GW-18-28

Lab Sample ID: 240-213553-4

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Barium	34	J	200	1.3	ug/L	1		6010D	Dissolved
Cadmium	0.50	J	5.0	0.45	ug/L	1		6010D	Dissolved
Chromium, hexavalent	0.012	J H	0.020	0.0070	mg/L	1		7196A	Dissolved

This Detection Summary does not include radiochemical test results.

Client: August Mack Environmental, Inc.
Project/Site: MSC Canfield - Surface Water

Job ID: 240-213553-1

Client Sample ID: SB-14-GW-18-28
Date Collected: 10/22/24 12:15
Date Received: 10/22/24 16:10

Lab Sample ID: 240-213553-1
Matrix: Water

Method: SW846 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		1.0	0.48	ug/L			11/02/24 14:39	1
1,1,2,2-Tetrachloroethane	ND		1.0	0.60	ug/L			11/02/24 14:39	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		1.0	0.41	ug/L			11/02/24 14:39	1
1,1,2-Trichloroethane	ND		1.0	0.48	ug/L			11/02/24 14:39	1
1,1-Dichloroethane	ND		1.0	0.47	ug/L			11/02/24 14:39	1
1,1-Dichloroethene	ND		1.0	0.49	ug/L			11/02/24 14:39	1
1,2,4-Trichlorobenzene	ND		1.0	0.77	ug/L			11/02/24 14:39	1
1,2-Dibromo-3-Chloropropane	ND		2.0	0.91	ug/L			11/02/24 14:39	1
Ethylene Dibromide	ND		1.0	0.41	ug/L			11/02/24 14:39	1
1,2-Dichlorobenzene	ND		1.0	0.48	ug/L			11/02/24 14:39	1
1,2-Dichloroethane	ND		1.0	0.46	ug/L			11/02/24 14:39	1
1,2-Dichloropropane	ND		1.0	0.47	ug/L			11/02/24 14:39	1
1,3-Dichlorobenzene	ND		1.0	0.45	ug/L			11/02/24 14:39	1
1,4-Dichlorobenzene	ND		1.0	0.41	ug/L			11/02/24 14:39	1
2-Butanone (MEK)	**1.9**	**J**	10	1.2	ug/L			11/02/24 14:39	1
2-Hexanone	ND		10	1.1	ug/L			11/02/24 14:39	1
4-Methyl-2-pentanone (MIBK)	ND		10	0.99	ug/L			11/02/24 14:39	1
Acetone	ND		10	5.4	ug/L			11/02/24 14:39	1
Benzene	ND		1.0	0.42	ug/L			11/02/24 14:39	1
Dichlorobromomethane	ND		1.0	0.38	ug/L			11/02/24 14:39	1
Bromoform	ND		1.0	0.76	ug/L			11/02/24 14:39	1
Bromomethane	ND		1.0	0.42	ug/L			11/02/24 14:39	1
Carbon disulfide	ND		1.0	0.59	ug/L			11/02/24 14:39	1
Carbon tetrachloride	ND		1.0	0.26	ug/L			11/02/24 14:39	1
Chlorobenzene	ND		1.0	0.38	ug/L			11/02/24 14:39	1
Chloroethane	ND		1.0	0.83	ug/L			11/02/24 14:39	1
Chloroform	ND		1.0	0.47	ug/L			11/02/24 14:39	1
Chloromethane	ND		1.0	0.63	ug/L			11/02/24 14:39	1
cis-1,2-Dichloroethene	ND		1.0	0.46	ug/L			11/02/24 14:39	1
cis-1,3-Dichloropropene	ND		1.0	0.61	ug/L			11/02/24 14:39	1
Cyclohexane	ND		1.0	0.48	ug/L			11/02/24 14:39	1
Chlorodibromomethane	ND		1.0	0.39	ug/L			11/02/24 14:39	1
Dichlorodifluoromethane	ND		1.0	0.35	ug/L			11/02/24 14:39	1
Ethylbenzene	ND		1.0	0.42	ug/L			11/02/24 14:39	1
Isopropylbenzene	ND		1.0	0.49	ug/L			11/02/24 14:39	1
Methyl acetate	ND		10	1.7	ug/L			11/02/24 14:39	1
Methyl tert-butyl ether	ND		1.0	0.47	ug/L			11/02/24 14:39	1
Methylcyclohexane	ND		1.0	0.33	ug/L			11/02/24 14:39	1
Methylene Chloride	ND		5.0	2.6	ug/L			11/02/24 14:39	1
Styrene	ND		1.0	0.45	ug/L			11/02/24 14:39	1
Tetrachloroethene	ND		1.0	0.44	ug/L			11/02/24 14:39	1
Toluene	ND		1.0	0.44	ug/L			11/02/24 14:39	1
trans-1,2-Dichloroethene	ND		1.0	0.51	ug/L			11/02/24 14:39	1
trans-1,3-Dichloropropene	ND		1.0	0.67	ug/L			11/02/24 14:39	1
Trichloroethene	ND		1.0	0.44	ug/L			11/02/24 14:39	1
Trichlorofluoromethane	ND		1.0	0.45	ug/L			11/02/24 14:39	1
Vinyl chloride	ND		1.0	0.45	ug/L			11/02/24 14:39	1
Xylenes, Total	ND		2.0	0.42	ug/L			11/02/24 14:39	1

Client: August Mack Environmental, Inc.
Project/Site: MSC Canfield - Surface Water

Job ID: 240-213553-1

Client Sample ID: SB-14-GW-18-28
Date Collected: 10/22/24 12:15
Date Received: 10/22/24 16:10

Lab Sample ID: 240-213553-1
Matrix: Water

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
Toluene-d8 (Surr)	*86*		*78 - 122*		*11/02/24 14:39*	*1*
Dibromofluoromethane (Surr)	*108*		*73 - 120*		*11/02/24 14:39*	*1*
4-Bromofluorobenzene (Surr)	*75*		*56 - 136*		*11/02/24 14:39*	*1*
1,2-Dichloroethane-d4 (Surr)	*107*		*62 - 137*		*11/02/24 14:39*	*1*

Method: SW846 8270E - Semivolatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1'-Biphenyl	ND		1.0	0.49	ug/L		10/24/24 08:27	10/31/24 19:01	1
bis (2-chloroisopropyl) ether	ND		1.0	0.24	ug/L		10/24/24 08:27	10/31/24 19:01	1
2,4,5-Trichlorophenol	ND		5.0	2.0	ug/L		10/24/24 08:27	10/31/24 19:01	1
2,4,6-Trichlorophenol	ND		5.0	1.8	ug/L		10/24/24 08:27	10/31/24 19:01	1
2,4-Dichlorophenol	ND		2.0	0.26	ug/L		10/24/24 08:27	10/31/24 19:01	1
2,4-Dimethylphenol	ND		2.0	0.25	ug/L		10/24/24 08:27	10/31/24 19:01	1
2,4-Dinitrophenol	ND		10	2.6	ug/L		10/24/24 08:27	10/31/24 19:01	1
2,4-Dinitrotoluene	ND		5.0	2.1	ug/L		10/24/24 08:27	10/31/24 19:01	1
2,6-Dinitrotoluene	ND		5.0	1.1	ug/L		10/24/24 08:27	10/31/24 19:01	1
2-Chloronaphthalene	ND		1.0	0.23	ug/L		10/24/24 08:27	10/31/24 19:01	1
2-Chlorophenol	ND		1.0	0.27	ug/L		10/24/24 08:27	10/31/24 19:01	1
2-Methylnaphthalene	ND		0.20	0.11	ug/L		10/24/24 08:27	10/31/24 19:01	1
2-Methylphenol	ND		1.0	0.21	ug/L		10/24/24 08:27	10/31/24 19:01	1
2-Nitroaniline	ND		2.0	0.51	ug/L		10/24/24 08:27	10/31/24 19:01	1
2-Nitrophenol	ND		2.0	0.56	ug/L		10/24/24 08:27	10/31/24 19:01	1
3,3'-Dichlorobenzidine	ND		5.0	1.2	ug/L		10/24/24 08:27	10/31/24 19:01	1
3-Nitroaniline	ND		2.0	0.57	ug/L		10/24/24 08:27	10/31/24 19:01	1
4,6-Dinitro-2-methylphenol	ND		5.0	2.8	ug/L		10/24/24 08:27	10/31/24 19:01	1
4-Bromophenyl phenyl ether	ND		2.0	0.50	ug/L		10/24/24 08:27	10/31/24 19:01	1
4-Chloro-3-methylphenol	ND		2.0	0.30	ug/L		10/24/24 08:27	10/31/24 19:01	1
4-Chloroaniline	ND		2.0	0.32	ug/L		10/24/24 08:27	10/31/24 19:01	1
4-Chlorophenyl phenyl ether	ND		2.0	0.55	ug/L		10/24/24 08:27	10/31/24 19:01	1
4-Nitroaniline	ND		2.0	0.33	ug/L		10/24/24 08:27	10/31/24 19:01	1
4-Nitrophenol	ND		10	2.2	ug/L		10/24/24 08:27	10/31/24 19:01	1
Acenaphthene	ND		0.20	0.17	ug/L		10/24/24 08:27	10/31/24 19:01	1
Acenaphthylene	ND		0.20	0.13	ug/L		10/24/24 08:27	10/31/24 19:01	1
Acetophenone	ND		1.0	0.37	ug/L		10/24/24 08:27	10/31/24 19:01	1
Anthracene	ND		0.20	0.14	ug/L		10/24/24 08:27	10/31/24 19:01	1
Atrazine	ND		2.0	0.95	ug/L		10/24/24 08:27	10/31/24 19:01	1
Benzaldehyde	ND		2.0	0.76	ug/L		10/24/24 08:27	10/31/24 19:01	1
Benzo[a]anthracene	ND		0.20	0.068	ug/L		10/24/24 08:27	10/31/24 19:01	1
Benzo[a]pyrene	ND		0.20	0.17	ug/L		10/24/24 08:27	10/31/24 19:01	1
Benzo[b]fluoranthene	ND		0.20	0.15	ug/L		10/24/24 08:27	10/31/24 19:01	1
Benzo[g,h,i]perylene	ND		0.20	0.18	ug/L		10/24/24 08:27	10/31/24 19:01	1
Benzo[k]fluoranthene	ND		0.20	0.14	ug/L		10/24/24 08:27	10/31/24 19:01	1
Bis(2-chloroethoxy)methane	ND		1.0	0.22	ug/L		10/24/24 08:27	10/31/24 19:01	1
Bis(2-chloroethyl)ether	ND		1.0	0.40	ug/L		10/24/24 08:27	10/31/24 19:01	1
Bis(2-ethylhexyl) phthalate	**4.4**	**J**	5.0	2.2	ug/L		10/24/24 08:27	10/31/24 19:01	1
Butyl benzyl phthalate	ND		2.0	0.67	ug/L		10/24/24 08:27	10/31/24 19:01	1
Caprolactam	ND		5.0	3.8	ug/L		10/24/24 08:27	10/31/24 19:01	1
Carbazole	ND		1.0	0.49	ug/L		10/24/24 08:27	10/31/24 19:01	1
Chrysene	ND		0.20	0.066	ug/L		10/24/24 08:27	10/31/24 19:01	1
Dibenz(a,h)anthracene	ND		0.20	0.15	ug/L		10/24/24 08:27	10/31/24 19:01	1

Client Sample ID: SB-14-GW-18-28
Date Collected: 10/22/24 12:15
Date Received: 10/22/24 16:10

Lab Sample ID: 240-213553-1
Matrix: Water

Method: SW846 8270E - Semivolatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Dibenzofuran	ND		1.0	0.27	ug/L		10/24/24 08:27	10/31/24 19:01	1
Diethyl phthalate	ND		5.0	0.41	ug/L		10/24/24 08:27	10/31/24 19:01	1
Dimethyl phthalate	ND		2.0	0.52	ug/L		10/24/24 08:27	10/31/24 19:01	1
Di-n-butyl phthalate	ND		5.0	1.8	ug/L		10/24/24 08:27	10/31/24 19:01	1
Di-n-octyl phthalate	ND		2.0	0.82	ug/L		10/24/24 08:27	10/31/24 19:01	1
Fluoranthene	ND		0.20	0.16	ug/L		10/24/24 08:27	10/31/24 19:01	1
Fluorene	ND		0.20	0.079	ug/L		10/24/24 08:27	10/31/24 19:01	1
Hexachlorobenzene	ND		0.20	0.16	ug/L		10/24/24 08:27	10/31/24 19:01	1
Hexachlorobutadiene	ND		1.0	0.54	ug/L		10/24/24 08:27	10/31/24 19:01	1
Hexachlorocyclopentadiene	ND		10	1.8	ug/L		10/24/24 08:27	10/31/24 19:01	1
Hexachloroethane	ND		1.0	0.40	ug/L		10/24/24 08:27	10/31/24 19:01	1
Indeno[1,2,3-cd]pyrene	ND		0.20	0.14	ug/L		10/24/24 08:27	10/31/24 19:01	1
Isophorone	ND		1.0	0.32	ug/L		10/24/24 08:27	10/31/24 19:01	1
N-Nitrosodi-n-propylamine	ND		1.0	0.25	ug/L		10/24/24 08:27	10/31/24 19:01	1
N-Nitrosodiphenylamine	ND		1.0	0.44	ug/L		10/24/24 08:27	10/31/24 19:01	1
Naphthalene	ND		0.20	0.11	ug/L		10/24/24 08:27	10/31/24 19:01	1
Nitrobenzene	ND		1.0	0.51	ug/L		10/24/24 08:27	10/31/24 19:01	1
Pentachlorophenol	ND		10	3.1	ug/L		10/24/24 08:27	10/31/24 19:01	1
Phenanthrene	ND		0.20	0.080	ug/L		10/24/24 08:27	10/31/24 19:01	1
Phenol	ND		1.0	0.40	ug/L		10/24/24 08:27	10/31/24 19:01	1
Pyrene	ND		0.20	0.083	ug/L		10/24/24 08:27	10/31/24 19:01	1
3 & 4 Methylphenol	ND		2.0	0.19	ug/L		10/24/24 08:27	10/31/24 19:01	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Terphenyl-d14 (Surr)	*83*		*43 - 136*	*10/24/24 08:27*	*10/31/24 19:01*	*1*
Phenol-d5 (Surr)	*48*		*10 - 120*	*10/24/24 08:27*	*10/31/24 19:01*	*1*
Nitrobenzene-d5 (Surr)	*66*		*40 - 120*	*10/24/24 08:27*	*10/31/24 19:01*	*1*
2-Fluorophenol (Surr)	*78*		*10 - 127*	*10/24/24 08:27*	*10/31/24 19:01*	*1*
2-Fluorobiphenyl (Surr)	*78*		*41 - 120*	*10/24/24 08:27*	*10/31/24 19:01*	*1*
2,4,6-Tribromophenol (Surr)	*117*		*23 - 127*	*10/24/24 08:27*	*10/31/24 19:01*	*1*

Method: SW846 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aroclor-1016	ND		0.096	0.054	ug/L		10/24/24 08:44	10/25/24 04:14	1
Aroclor-1221	ND		0.096	0.055	ug/L		10/24/24 08:44	10/25/24 04:14	1
Aroclor-1232	ND		0.096	0.071	ug/L		10/24/24 08:44	10/25/24 04:14	1
Aroclor-1242	ND		0.096	0.073	ug/L		10/24/24 08:44	10/25/24 04:14	1
Aroclor-1248	ND		0.096	0.048	ug/L		10/24/24 08:44	10/25/24 04:14	1
Aroclor-1254	ND		0.096	0.038	ug/L		10/24/24 08:44	10/25/24 04:14	1
Aroclor-1260	ND		0.096	0.044	ug/L		10/24/24 08:44	10/25/24 04:14	1
Aroclor-1262	ND		0.096	0.056	ug/L		10/24/24 08:44	10/25/24 04:14	1
Aroclor-1268	ND		0.096	0.060	ug/L		10/24/24 08:44	10/25/24 04:14	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Tetrachloro-m-xylene	*50*		*10 - 149*	*10/24/24 08:44*	*10/25/24 04:14*	*1*
DCB Decachlorobiphenyl	*38*		*10 - 174*	*10/24/24 08:44*	*10/25/24 04:14*	*1*

Method: SW846 6010D - Metals (ICP) - Total Recoverable

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	**46**		15	4.1	ug/L		10/24/24 14:00	10/25/24 16:03	1

Client: August Mack Environmental, Inc.
Project/Site: MSC Canfield - Surface Water

Job ID: 240-213553-1

Client Sample ID: SB-14-GW-18-28
Date Collected: 10/22/24 12:15
Date Received: 10/22/24 16:10

Lab Sample ID: 240-213553-1
Matrix: Water

Method: SW846 6010D - Metals (ICP) - Total Recoverable (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Barium	**81**	**J**	200	1.3	ug/L		10/24/24 14:00	10/25/24 16:03	1
Cadmium	**0.58**	**J**	5.0	0.45	ug/L		10/24/24 14:00	10/25/24 16:03	1
Chromium	**17**		10	0.76	ug/L		10/24/24 14:00	10/25/24 16:03	1
Copper	**34**		25	3.5	ug/L		10/24/24 14:00	10/25/24 16:03	1
Lead	**16**		10	2.8	ug/L		10/24/24 14:00	10/25/24 16:03	1
Selenium	ND		20	6.0	ug/L		10/24/24 14:00	10/25/24 16:03	1
Silver	ND		10	1.4	ug/L		10/24/24 14:00	10/25/24 16:03	1
Zinc	**120**		50	23	ug/L		10/24/24 14:00	10/25/24 16:03	1

Method: SW846 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	ND		0.20	0.13	ug/L		10/24/24 14:00	10/25/24 13:25	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chromium, hexavalent (SW846 7196A)	ND	H	0.020	0.0070	mg/L			10/23/24 12:59	1
Cyanide, Total (SW846 9012B)	**0.087**		0.010	0.0060	mg/L		10/30/24 08:38	10/30/24 10:15	1
Cyanide, Free (OI CORP OIA-1677)	**0.015**		0.0060	0.0050	mg/L			11/04/24 14:52	1

Client: August Mack Environmental, Inc.
Project/Site: MSC Canfield - Surface Water

Job ID: 240-213553-1

Client Sample ID: SB-12-GW-18-28
Date Collected: 10/22/24 14:18
Date Received: 10/22/24 16:10

Lab Sample ID: 240-213553-2
Matrix: Water

Method: SW846 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		1.0	0.48	ug/L			11/01/24 03:11	1
1,1,2,2-Tetrachloroethane	ND		1.0	0.60	ug/L			11/01/24 03:11	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		1.0	0.41	ug/L			11/01/24 03:11	1
1,1,2-Trichloroethane	ND		1.0	0.48	ug/L			11/01/24 03:11	1
1,1-Dichloroethane	ND		1.0	0.47	ug/L			11/01/24 03:11	1
1,1-Dichloroethene	ND		1.0	0.49	ug/L			11/01/24 03:11	1
1,2,4-Trichlorobenzene	ND		1.0	0.77	ug/L			11/01/24 03:11	1
1,2-Dibromo-3-Chloropropane	ND		2.0	0.91	ug/L			11/01/24 03:11	1
Ethylene Dibromide	ND		1.0	0.41	ug/L			11/01/24 03:11	1
1,2-Dichlorobenzene	ND		1.0	0.48	ug/L			11/01/24 03:11	1
1,2-Dichloroethane	ND		1.0	0.46	ug/L			11/01/24 03:11	1
1,2-Dichloropropane	ND		1.0	0.47	ug/L			11/01/24 03:11	1
1,3-Dichlorobenzene	ND		1.0	0.45	ug/L			11/01/24 03:11	1
1,4-Dichlorobenzene	ND		1.0	0.41	ug/L			11/01/24 03:11	1
2-Butanone (MEK)	**2.0**	**J**	10	1.2	ug/L			11/01/24 03:11	1
2-Hexanone	ND		10	1.1	ug/L			11/01/24 03:11	1
4-Methyl-2-pentanone (MIBK)	ND		10	0.99	ug/L			11/01/24 03:11	1
Acetone	ND		10	5.4	ug/L			11/01/24 03:11	1
Benzene	ND		1.0	0.42	ug/L			11/01/24 03:11	1
Dichlorobromomethane	ND		1.0	0.38	ug/L			11/01/24 03:11	1
Bromoform	ND		1.0	0.76	ug/L			11/01/24 03:11	1
Bromomethane	ND		1.0	0.42	ug/L			11/01/24 03:11	1
Carbon disulfide	ND		1.0	0.59	ug/L			11/01/24 03:11	1
Carbon tetrachloride	ND		1.0	0.26	ug/L			11/01/24 03:11	1
Chlorobenzene	ND		1.0	0.38	ug/L			11/01/24 03:11	1
Chloroethane	ND		1.0	0.83	ug/L			11/01/24 03:11	1
Chloroform	ND		1.0	0.47	ug/L			11/01/24 03:11	1
Chloromethane	ND		1.0	0.63	ug/L			11/01/24 03:11	1
cis-1,2-Dichloroethene	**0.52**	**J B**	1.0	0.46	ug/L			11/01/24 03:11	1
cis-1,3-Dichloropropene	ND		1.0	0.61	ug/L			11/01/24 03:11	1
Cyclohexane	ND		1.0	0.48	ug/L			11/01/24 03:11	1
Chlorodibromomethane	ND		1.0	0.39	ug/L			11/01/24 03:11	1
Dichlorodifluoromethane	ND		1.0	0.35	ug/L			11/01/24 03:11	1
Ethylbenzene	ND		1.0	0.42	ug/L			11/01/24 03:11	1
Isopropylbenzene	ND		1.0	0.49	ug/L			11/01/24 03:11	1
Methyl acetate	ND		10	1.7	ug/L			11/01/24 03:11	1
Methyl tert-butyl ether	ND		1.0	0.47	ug/L			11/01/24 03:11	1
Methylcyclohexane	ND		1.0	0.33	ug/L			11/01/24 03:11	1
Methylene Chloride	ND		5.0	2.6	ug/L			11/01/24 03:11	1
Styrene	ND		1.0	0.45	ug/L			11/01/24 03:11	1
Tetrachloroethene	ND		1.0	0.44	ug/L			11/01/24 03:11	1
Toluene	ND		1.0	0.44	ug/L			11/01/24 03:11	1
trans-1,2-Dichloroethene	ND		1.0	0.51	ug/L			11/01/24 03:11	1
trans-1,3-Dichloropropene	ND		1.0	0.67	ug/L			11/01/24 03:11	1
Trichloroethene	ND		1.0	0.44	ug/L			11/01/24 03:11	1
Trichlorofluoromethane	ND		1.0	0.45	ug/L			11/01/24 03:11	1
Vinyl chloride	ND		1.0	0.45	ug/L			11/01/24 03:11	1
Xylenes, Total	ND		2.0	0.42	ug/L			11/01/24 03:11	1

Client: August Mack Environmental, Inc.
Project/Site: MSC Canfield - Surface Water

Job ID: 240-213553-1

Client Sample ID: SB-12-GW-18-28
Date Collected: 10/22/24 14:18
Date Received: 10/22/24 16:10

Lab Sample ID: 240-213553-2
Matrix: Water

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
Toluene-d8 (Surr)	*85*		*78 - 122*		*11/01/24 03:11*	*1*
Dibromofluoromethane (Surr)	*106*		*73 - 120*		*11/01/24 03:11*	*1*
4-Bromofluorobenzene (Surr)	*73*		*56 - 136*		*11/01/24 03:11*	*1*
1,2-Dichloroethane-d4 (Surr)	*105*		*62 - 137*		*11/01/24 03:11*	*1*

Method: SW846 8270E - Semivolatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1'-Biphenyl	ND		0.96	0.47	ug/L		10/24/24 08:27	11/02/24 12:58	1
bis (2-chloroisopropyl) ether	ND		0.96	0.23	ug/L		10/24/24 08:27	11/02/24 12:58	1
2,4,5-Trichlorophenol	ND		4.8	1.9	ug/L		10/24/24 08:27	11/02/24 12:58	1
2,4,6-Trichlorophenol	ND		4.8	1.7	ug/L		10/24/24 08:27	11/02/24 12:58	1
2,4-Dichlorophenol	ND		1.9	0.25	ug/L		10/24/24 08:27	11/02/24 12:58	1
2,4-Dimethylphenol	ND		1.9	0.24	ug/L		10/24/24 08:27	11/02/24 12:58	1
2,4-Dinitrophenol	ND		9.6	2.5	ug/L		10/24/24 08:27	11/02/24 12:58	1
2,4-Dinitrotoluene	ND		4.8	2.0	ug/L		10/24/24 08:27	11/02/24 12:58	1
2,6-Dinitrotoluene	ND		4.8	1.0	ug/L		10/24/24 08:27	11/02/24 12:58	1
2-Chloronaphthalene	ND		0.96	0.22	ug/L		10/24/24 08:27	11/02/24 12:58	1
2-Chlorophenol	ND		0.96	0.26	ug/L		10/24/24 08:27	11/02/24 12:58	1
2-Methylnaphthalene	ND		0.19	0.11	ug/L		10/24/24 08:27	11/02/24 12:58	1
2-Methylphenol	ND		0.96	0.20	ug/L		10/24/24 08:27	11/02/24 12:58	1
2-Nitroaniline	ND		1.9	0.49	ug/L		10/24/24 08:27	11/02/24 12:58	1
2-Nitrophenol	ND		1.9	0.54	ug/L		10/24/24 08:27	11/02/24 12:58	1
3,3'-Dichlorobenzidine	ND		4.8	1.1	ug/L		10/24/24 08:27	11/02/24 12:58	1
3-Nitroaniline	ND		1.9	0.54	ug/L		10/24/24 08:27	11/02/24 12:58	1
4,6-Dinitro-2-methylphenol	ND		4.8	2.7	ug/L		10/24/24 08:27	11/02/24 12:58	1
4-Bromophenyl phenyl ether	ND		1.9	0.48	ug/L		10/24/24 08:27	11/02/24 12:58	1
4-Chloro-3-methylphenol	ND		1.9	0.28	ug/L		10/24/24 08:27	11/02/24 12:58	1
4-Chloroaniline	ND		1.9	0.30	ug/L		10/24/24 08:27	11/02/24 12:58	1
4-Chlorophenyl phenyl ether	ND		1.9	0.53	ug/L		10/24/24 08:27	11/02/24 12:58	1
4-Nitroaniline	ND		1.9	0.31	ug/L		10/24/24 08:27	11/02/24 12:58	1
4-Nitrophenol	ND		9.6	2.1	ug/L		10/24/24 08:27	11/02/24 12:58	1
Acenaphthene	ND		0.19	0.17	ug/L		10/24/24 08:27	11/02/24 12:58	1
Acenaphthylene	ND		0.19	0.12	ug/L		10/24/24 08:27	11/02/24 12:58	1
Acetophenone	ND		0.96	0.35	ug/L		10/24/24 08:27	11/02/24 12:58	1
Anthracene	ND		0.19	0.13	ug/L		10/24/24 08:27	11/02/24 12:58	1
Atrazine	ND		1.9	0.92	ug/L		10/24/24 08:27	11/02/24 12:58	1
Benzaldehyde	ND		1.9	0.73	ug/L		10/24/24 08:27	11/02/24 12:58	1
Benzo[a]anthracene	ND		0.19	0.065	ug/L		10/24/24 08:27	11/02/24 12:58	1
Benzo[a]pyrene	ND		0.19	0.17	ug/L		10/24/24 08:27	11/02/24 12:58	1
Benzo[b]fluoranthene	ND		0.19	0.15	ug/L		10/24/24 08:27	11/02/24 12:58	1
Benzo[g,h,i]perylene	ND		0.19	0.17	ug/L		10/24/24 08:27	11/02/24 12:58	1
Benzo[k]fluoranthene	ND		0.19	0.13	ug/L		10/24/24 08:27	11/02/24 12:58	1
Bis(2-chloroethoxy)methane	ND		0.96	0.21	ug/L		10/24/24 08:27	11/02/24 12:58	1
Bis(2-chloroethyl)ether	ND		0.96	0.39	ug/L		10/24/24 08:27	11/02/24 12:58	1
Bis(2-ethylhexyl) phthalate	**4.3**	**J**	4.8	2.1	ug/L		10/24/24 08:27	11/02/24 12:58	1
Butyl benzyl phthalate	ND		1.9	0.64	ug/L		10/24/24 08:27	11/02/24 12:58	1
Caprolactam	ND		4.8	3.7	ug/L		10/24/24 08:27	11/02/24 12:58	1
Carbazole	ND		0.96	0.47	ug/L		10/24/24 08:27	11/02/24 12:58	1
Chrysene	ND		0.19	0.063	ug/L		10/24/24 08:27	11/02/24 12:58	1
Dibenz(a,h)anthracene	ND		0.19	0.15	ug/L		10/24/24 08:27	11/02/24 12:58	1

Client Sample ID: SB-12-GW-18-28
Date Collected: 10/22/24 14:18
Date Received: 10/22/24 16:10

Lab Sample ID: 240-213553-2
Matrix: Water

Method: SW846 8270E - Semivolatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Dibenzofuran	ND		0.96	0.26	ug/L		10/24/24 08:27	11/02/24 12:58	1
Diethyl phthalate	ND		4.8	0.39	ug/L		10/24/24 08:27	11/02/24 12:58	1
Dimethyl phthalate	ND		1.9	0.50	ug/L		10/24/24 08:27	11/02/24 12:58	1
Di-n-butyl phthalate	ND		4.8	1.7	ug/L		10/24/24 08:27	11/02/24 12:58	1
Di-n-octyl phthalate	ND		1.9	0.79	ug/L		10/24/24 08:27	11/02/24 12:58	1
Fluoranthene	ND		0.19	0.15	ug/L		10/24/24 08:27	11/02/24 12:58	1
Fluorene	ND		0.19	0.076	ug/L		10/24/24 08:27	11/02/24 12:58	1
Hexachlorobenzene	ND		0.19	0.15	ug/L		10/24/24 08:27	11/02/24 12:58	1
Hexachlorobutadiene	ND		0.96	0.52	ug/L		10/24/24 08:27	11/02/24 12:58	1
Hexachlorocyclopentadiene	ND		9.6	1.7	ug/L		10/24/24 08:27	11/02/24 12:58	1
Hexachloroethane	ND		0.96	0.38	ug/L		10/24/24 08:27	11/02/24 12:58	1
Indeno[1,2,3-cd]pyrene	ND		0.19	0.13	ug/L		10/24/24 08:27	11/02/24 12:58	1
Isophorone	ND		0.96	0.31	ug/L		10/24/24 08:27	11/02/24 12:58	1
N-Nitrosodi-n-propylamine	ND		0.96	0.24	ug/L		10/24/24 08:27	11/02/24 12:58	1
N-Nitrosodiphenylamine	ND		0.96	0.42	ug/L		10/24/24 08:27	11/02/24 12:58	1
Naphthalene	ND		0.19	0.10	ug/L		10/24/24 08:27	11/02/24 12:58	1
Nitrobenzene	ND		0.96	0.49	ug/L		10/24/24 08:27	11/02/24 12:58	1
Pentachlorophenol	ND		9.6	3.0	ug/L		10/24/24 08:27	11/02/24 12:58	1
Phenanthrene	ND		0.19	0.077	ug/L		10/24/24 08:27	11/02/24 12:58	1
Phenol	ND		0.96	0.39	ug/L		10/24/24 08:27	11/02/24 12:58	1
Pyrene	ND		0.19	0.080	ug/L		10/24/24 08:27	11/02/24 12:58	1
3 & 4 Methylphenol	ND		1.9	0.18	ug/L		10/24/24 08:27	11/02/24 12:58	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Terphenyl-d14 (Surr)	*73*		*43 - 136*	*10/24/24 08:27*	*11/02/24 12:58*	*1*
Phenol-d5 (Surr)	*76*		*10 - 120*	*10/24/24 08:27*	*11/02/24 12:58*	*1*
Nitrobenzene-d5 (Surr)	*67*		*40 - 120*	*10/24/24 08:27*	*11/02/24 12:58*	*1*
2-Fluorophenol (Surr)	*69*		*10 - 127*	*10/24/24 08:27*	*11/02/24 12:58*	*1*
2-Fluorobiphenyl (Surr)	*78*		*41 - 120*	*10/24/24 08:27*	*11/02/24 12:58*	*1*
2,4,6-Tribromophenol (Surr)	*109*		*23 - 127*	*10/24/24 08:27*	*11/02/24 12:58*	*1*

Method: SW846 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aroclor-1016	ND		0.096	0.054	ug/L		10/24/24 08:44	10/25/24 04:28	1
Aroclor-1221	ND		0.096	0.055	ug/L		10/24/24 08:44	10/25/24 04:28	1
Aroclor-1232	ND		0.096	0.071	ug/L		10/24/24 08:44	10/25/24 04:28	1
Aroclor-1242	ND		0.096	0.073	ug/L		10/24/24 08:44	10/25/24 04:28	1
Aroclor-1248	ND		0.096	0.048	ug/L		10/24/24 08:44	10/25/24 04:28	1
Aroclor-1254	ND		0.096	0.038	ug/L		10/24/24 08:44	10/25/24 04:28	1
Aroclor-1260	ND		0.096	0.044	ug/L		10/24/24 08:44	10/25/24 04:28	1
Aroclor-1262	ND		0.096	0.056	ug/L		10/24/24 08:44	10/25/24 04:28	1
Aroclor-1268	ND		0.096	0.060	ug/L		10/24/24 08:44	10/25/24 04:28	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Tetrachloro-m-xylene	*47*		*10 - 149*	*10/24/24 08:44*	*10/25/24 04:28*	*1*
DCB Decachlorobiphenyl	*27*		*10 - 174*	*10/24/24 08:44*	*10/25/24 04:28*	*1*

Method: SW846 6010D - Metals (ICP) - Total Recoverable

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	**170**		15	4.1	ug/L		10/24/24 14:00	10/25/24 16:08	1

Client: August Mack Environmental, Inc.
Project/Site: MSC Canfield - Surface Water

Job ID: 240-213553-1

Client Sample ID: SB-12-GW-18-28
Date Collected: 10/22/24 14:18
Date Received: 10/22/24 16:10

Lab Sample ID: 240-213553-2
Matrix: Water

Method: SW846 6010D - Metals (ICP) - Total Recoverable (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Barium	**520**		200	1.3	ug/L		10/24/24 14:00	10/25/24 16:08	1
Cadmium	**1.3**	**J**	5.0	0.45	ug/L		10/24/24 14:00	10/25/24 16:08	1
Chromium	**140**		10	0.76	ug/L		10/24/24 14:00	10/25/24 16:08	1
Copper	**190**		25	3.5	ug/L		10/24/24 14:00	10/25/24 16:08	1
Lead	**90**		10	2.8	ug/L		10/24/24 14:00	10/25/24 16:08	1
Selenium	ND		20	6.0	ug/L		10/24/24 14:00	10/25/24 16:08	1
Silver	ND		10	1.4	ug/L		10/24/24 14:00	10/25/24 16:08	1
Zinc	**660**		50	23	ug/L		10/24/24 14:00	10/25/24 16:08	1

Method: SW846 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	**0.14**	**J**	0.20	0.13	ug/L		10/24/24 14:00	10/25/24 13:26	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chromium, hexavalent (SW846 7196A)	ND		0.20	0.070	mg/L			10/23/24 12:44	10
Cyanide, Total (SW846 9012B)	**0.051**		0.010	0.0060	mg/L		10/30/24 08:38	10/30/24 10:17	1
Cyanide, Free (OI CORP OIA-1677)	**0.0064**		0.0060	0.0050	mg/L			11/04/24 14:49	1

Client: August Mack Environmental, Inc.
Project/Site: MSC Canfield - Surface Water

Job ID: 240-213553-1

Client Sample ID: SB-12-GW-18-28
Date Collected: 10/22/24 14:18
Date Received: 10/22/24 16:10

Lab Sample ID: 240-213553-3
Matrix: Water

Method: SW846 6010D - Metals (ICP) - Dissolved

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	**18**		15	4.1	ug/L		10/24/24 14:00	10/25/24 16:20	1
Barium	**53**	**J**	200	1.3	ug/L		10/24/24 14:00	10/25/24 16:20	1
Cadmium	ND		5.0	0.45	ug/L		10/24/24 14:00	10/25/24 16:20	1
Chromium	**6.5**	**J**	10	0.76	ug/L		10/24/24 14:00	10/25/24 16:20	1
Copper	**9.1**	**J**	25	3.5	ug/L		10/24/24 14:00	10/25/24 16:20	1
Lead	**4.1**	**J**	10	2.8	ug/L		10/24/24 14:00	10/25/24 16:20	1
Selenium	ND		20	6.0	ug/L		10/24/24 14:00	10/25/24 16:20	1
Silver	ND		10	1.4	ug/L		10/24/24 14:00	10/25/24 16:20	1
Zinc	**52**		50	23	ug/L		10/24/24 14:00	10/25/24 16:20	1

Method: SW846 7470A - Mercury (CVAA) - Dissolved

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	ND		0.20	0.13	ug/L		10/24/24 14:00	10/25/24 13:28	1

General Chemistry - Dissolved

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chromium, hexavalent (SW846 7196A)	ND		0.020	0.0070	mg/L			10/23/24 12:45	1

Client: August Mack Environmental, Inc.
Project/Site: MSC Canfield - Surface Water

Job ID: 240-213553-1

Client Sample ID: SB-14-GW-18-28

Date Collected: 10/22/24 12:15
Date Received: 10/22/24 16:10

Lab Sample ID: 240-213553-4

Matrix: Water

Method: SW846 6010D - Metals (ICP) - Dissolved

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	ND		15	4.1	ug/L		10/24/24 14:00	10/25/24 16:25	1
Barium	**34**	**J**	200	1.3	ug/L		10/24/24 14:00	10/25/24 16:25	1
Cadmium	**0.50**	**J**	5.0	0.45	ug/L		10/24/24 14:00	10/25/24 16:25	1
Chromium	ND		10	0.76	ug/L		10/24/24 14:00	10/25/24 16:25	1
Copper	ND		25	3.5	ug/L		10/24/24 14:00	10/25/24 16:25	1
Lead	ND		10	2.8	ug/L		10/24/24 14:00	10/25/24 16:25	1
Selenium	ND		20	6.0	ug/L		10/24/24 14:00	10/25/24 16:25	1
Silver	ND		10	1.4	ug/L		10/24/24 14:00	10/25/24 16:25	1
Zinc	ND		50	23	ug/L		10/24/24 14:00	10/25/24 16:25	1

Method: SW846 7470A - Mercury (CVAA) - Dissolved

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	ND		0.20	0.13	ug/L		10/24/24 14:00	10/25/24 13:30	1

General Chemistry - Dissolved

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chromium, hexavalent (SW846 7196A)	**0.012**	**J H**	0.020	0.0070	mg/L			10/23/24 12:58	1

Surrogate Summary

Client: August Mack Environmental, Inc.
Project/Site: MSC Canfield - Surface Water

Job ID: 240-213553-1

Method: 8260D - Volatile Organic Compounds by GC/MS

Matrix: Water

Prep Type: Total/NA

		Percent Surrogate Recovery (Acceptance Limits)			
		TOL	DBFM	BFB	DCA
Lab Sample ID	Client Sample ID	(78-122)	(73-120)	(56-136)	(62-137)
240-213553-1	SB-14-GW-18-28	86	108	75	107
240-213553-2	SB-12-GW-18-28	85	106	73	105
LCS 240-633401/4	Lab Control Sample	92	99	91	96
LCS 240-633652/4	Lab Control Sample	101	108	96	102
MB 240-633401/7	Method Blank	88	104	78	101
MB 240-633652/7	Method Blank	91	106	79	104

Surrogate Legend

TOL = Toluene-d8 (Surr)
DBFM = Dibromofluoromethane (Surr)
BFB = 4-Bromofluorobenzene (Surr)
DCA = 1,2-Dichloroethane-d4 (Surr)

Method: 8270E - Semivolatile Organic Compounds (GC/MS)

Matrix: Water

Prep Type: Total/NA

		Percent Surrogate Recovery (Acceptance Limits)					
		TPHL	PHL	NBZ	2FP	FBP	TBP
Lab Sample ID	Client Sample ID	(43-136)	(10-120)	(40-120)	(10-127)	(41-120)	(23-127)
240-213553-1	SB-14-GW-18-28	83	48	66	78	78	117
240-213553-2	SB-12-GW-18-28	73	76	67	69	78	109
LCS 240-632213/2-A	Lab Control Sample	90	69	78	112	83	103
MB 240-632213/1-A	Method Blank	101	56	81	86	76	61

Surrogate Legend

TPHL = Terphenyl-d14 (Surr)
PHL = Phenol-d5 (Surr)
NBZ = Nitrobenzene-d5 (Surr)
2FP = 2-Fluorophenol (Surr)
FBP = 2-Fluorobiphenyl (Surr)
TBP = 2,4,6-Tribromophenol (Surr)

Method: 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Matrix: Water

Prep Type: Total/NA

		Percent Surrogate Recovery (Acceptance Limits)	
		TCX2	DCBP2
Lab Sample ID	Client Sample ID	(10-149)	(10-174)
240-213553-1	SB-14-GW-18-28	50	38
240-213553-2	SB-12-GW-18-28	47	27
LCS 240-632221/2-A	Lab Control Sample	46	73
MB 240-632221/1-A	Method Blank	31	60

Surrogate Legend

TCX = Tetrachloro-m-xylene
DCBP = DCB Decachlorobiphenyl

Method: 8260D - Volatile Organic Compounds by GC/MS

Lab Sample ID: MB 240-633401/7
Matrix: Water
Analysis Batch: 633401

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		1.0	0.48	ug/L			10/31/24 23:30	1
1,1,2,2-Tetrachloroethane	ND		1.0	0.60	ug/L			10/31/24 23:30	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		1.0	0.41	ug/L			10/31/24 23:30	1
1,1,2-Trichloroethane	ND		1.0	0.48	ug/L			10/31/24 23:30	1
1,1-Dichloroethane	ND		1.0	0.47	ug/L			10/31/24 23:30	1
1,1-Dichloroethene	ND		1.0	0.49	ug/L			10/31/24 23:30	1
1,2,4-Trichlorobenzene	ND		1.0	0.77	ug/L			10/31/24 23:30	1
1,2-Dibromo-3-Chloropropane	ND		2.0	0.91	ug/L			10/31/24 23:30	1
Ethylene Dibromide	ND		1.0	0.41	ug/L			10/31/24 23:30	1
1,2-Dichlorobenzene	ND		1.0	0.48	ug/L			10/31/24 23:30	1
1,2-Dichloroethane	ND		1.0	0.46	ug/L			10/31/24 23:30	1
1,2-Dichloropropane	ND		1.0	0.47	ug/L			10/31/24 23:30	1
1,3-Dichlorobenzene	ND		1.0	0.45	ug/L			10/31/24 23:30	1
1,4-Dichlorobenzene	ND		1.0	0.41	ug/L			10/31/24 23:30	1
2-Butanone (MEK)	ND		10	1.2	ug/L			10/31/24 23:30	1
2-Hexanone	ND		10	1.1	ug/L			10/31/24 23:30	1
4-Methyl-2-pentanone (MIBK)	ND		10	0.99	ug/L			10/31/24 23:30	1
Acetone	ND		10	5.4	ug/L			10/31/24 23:30	1
Benzene	ND		1.0	0.42	ug/L			10/31/24 23:30	1
Dichlorobromomethane	ND		1.0	0.38	ug/L			10/31/24 23:30	1
Bromoform	ND		1.0	0.76	ug/L			10/31/24 23:30	1
Bromomethane	ND		1.0	0.42	ug/L			10/31/24 23:30	1
Carbon disulfide	ND		1.0	0.59	ug/L			10/31/24 23:30	1
Carbon tetrachloride	ND		1.0	0.26	ug/L			10/31/24 23:30	1
Chlorobenzene	ND		1.0	0.38	ug/L			10/31/24 23:30	1
Chloroethane	ND		1.0	0.83	ug/L			10/31/24 23:30	1
Chloroform	ND		1.0	0.47	ug/L			10/31/24 23:30	1
Chloromethane	ND		1.0	0.63	ug/L			10/31/24 23:30	1
cis-1,2-Dichloroethene	0.460	J	1.0	0.46	ug/L			10/31/24 23:30	1
cis-1,3-Dichloropropene	ND		1.0	0.61	ug/L			10/31/24 23:30	1
Cyclohexane	ND		1.0	0.48	ug/L			10/31/24 23:30	1
Chlorodibromomethane	ND		1.0	0.39	ug/L			10/31/24 23:30	1
Dichlorodifluoromethane	ND		1.0	0.35	ug/L			10/31/24 23:30	1
Ethylbenzene	ND		1.0	0.42	ug/L			10/31/24 23:30	1
Isopropylbenzene	ND		1.0	0.49	ug/L			10/31/24 23:30	1
Methyl acetate	ND		10	1.7	ug/L			10/31/24 23:30	1
Methyl tert-butyl ether	ND		1.0	0.47	ug/L			10/31/24 23:30	1
Methylcyclohexane	ND		1.0	0.33	ug/L			10/31/24 23:30	1
Methylene Chloride	ND		5.0	2.6	ug/L			10/31/24 23:30	1
Styrene	ND		1.0	0.45	ug/L			10/31/24 23:30	1
Tetrachloroethene	ND		1.0	0.44	ug/L			10/31/24 23:30	1
Toluene	ND		1.0	0.44	ug/L			10/31/24 23:30	1
trans-1,2-Dichloroethene	ND		1.0	0.51	ug/L			10/31/24 23:30	1
trans-1,3-Dichloropropene	ND		1.0	0.67	ug/L			10/31/24 23:30	1
Trichloroethene	ND		1.0	0.44	ug/L			10/31/24 23:30	1
Trichlorofluoromethane	ND		1.0	0.45	ug/L			10/31/24 23:30	1
Vinyl chloride	ND		1.0	0.45	ug/L			10/31/24 23:30	1
Xylenes, Total	ND		2.0	0.42	ug/L			10/31/24 23:30	1

Method: 8260D - Volatile Organic Compounds by GC/MS (Continued)

Lab Sample ID: MB 240-633401/7
Matrix: Water
Analysis Batch: 633401

Client Sample ID: Method Blank
Prep Type: Total/NA

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
Toluene-d8 (Surr)	*88*		*78 - 122*		*10/31/24 23:30*	*1*
Dibromofluoromethane (Surr)	*104*		*73 - 120*		*10/31/24 23:30*	*1*
4-Bromofluorobenzene (Surr)	*78*		*56 - 136*		*10/31/24 23:30*	*1*
1,2-Dichloroethane-d4 (Surr)	*101*		*62 - 137*		*10/31/24 23:30*	*1*

Lab Sample ID: LCS 240-633401/4
Matrix: Water
Analysis Batch: 633401

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
1,1,1-Trichloroethane	25.0	24.5		ug/L		98	64 - 131
1,1,2,2-Tetrachloroethane	25.0	23.4		ug/L		93	58 - 157
1,1,2-Trichloro-1,2,2-trifluoroethane	25.0	32.2		ug/L		129	51 - 146
1,1,2-Trichloroethane	25.0	24.7		ug/L		99	70 - 138
1,1-Dichloroethane	25.0	26.6		ug/L		107	72 - 127
1,1-Dichloroethene	25.0	28.2		ug/L		113	63 - 134
1,2,4-Trichlorobenzene	25.0	21.3		ug/L		85	44 - 147
1,2-Dibromo-3-Chloropropane	25.0	20.7		ug/L		83	53 - 135
Ethylene Dibromide	25.0	24.7		ug/L		99	71 - 134
1,2-Dichlorobenzene	25.0	24.2		ug/L		97	78 - 120
1,2-Dichloroethane	25.0	25.3		ug/L		101	66 - 128
1,2-Dichloropropane	25.0	23.3		ug/L		93	75 - 133
1,3-Dichlorobenzene	25.0	22.8		ug/L		91	80 - 120
1,4-Dichlorobenzene	25.0	23.5		ug/L		94	80 - 120
2-Butanone (MEK)	50.0	40.2		ug/L		80	54 - 156
2-Hexanone	50.0	40.0		ug/L		80	43 - 167
4-Methyl-2-pentanone (MIBK)	50.0	40.7		ug/L		81	46 - 158
Acetone	50.0	52.5		ug/L		105	50 - 149
Benzene	25.0	26.4		ug/L		106	77 - 123
Dichlorobromomethane	25.0	24.1		ug/L		96	69 - 126
Bromoform	25.0	24.3		ug/L		97	57 - 129
Bromomethane	12.5	15.3		ug/L		122	36 - 142
Carbon disulfide	25.0	29.8		ug/L		119	43 - 140
Carbon tetrachloride	25.0	23.9		ug/L		96	55 - 137
Chlorobenzene	25.0	25.4		ug/L		102	80 - 121
Chloroethane	12.5	13.2		ug/L		106	38 - 152
Chloroform	25.0	26.1		ug/L		104	74 - 122
Chloromethane	12.5	9.94		ug/L		80	47 - 143
cis-1,2-Dichloroethene	25.0	26.1		ug/L		104	77 - 123
cis-1,3-Dichloropropene	25.0	21.5		ug/L		86	64 - 130
Cyclohexane	25.0	21.6		ug/L		87	58 - 146
Chlorodibromomethane	25.0	23.3		ug/L		93	70 - 124
Dichlorodifluoromethane	12.5	5.77		ug/L		46	34 - 153
Ethylbenzene	25.0	23.5		ug/L		94	80 - 121
Isopropylbenzene	25.0	24.2		ug/L		97	74 - 128
Methyl acetate	50.0	40.6		ug/L		81	42 - 169
Methyl tert-butyl ether	25.0	25.4		ug/L		101	65 - 126
Methylcyclohexane	25.0	21.1		ug/L		84	62 - 136

Method: 8260D - Volatile Organic Compounds by GC/MS (Continued)

Lab Sample ID: LCS 240-633401/4
Matrix: Water
Analysis Batch: 633401

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
Methylene Chloride			25.0	29.0		ug/L		116	71 - 125		
Styrene			25.0	24.1		ug/L		96	80 - 135		
Tetrachloroethene			25.0	25.2		ug/L		101	76 - 123		
Toluene			25.0	22.1		ug/L		88	80 - 123		
trans-1,2-Dichloroethene			25.0	27.3		ug/L		109	75 - 124		
trans-1,3-Dichloropropene			25.0	22.1		ug/L		88	57 - 129		
Trichloroethene			25.0	25.1		ug/L		100	70 - 122		
Trichlorofluoromethane			12.5	12.0		ug/L		96	30 - 170		
Vinyl chloride			12.5	10.8		ug/L		86	60 - 144		
Xylenes, Total			50.0	47.1		ug/L		94	80 - 121		
m-Xylene & p-Xylene			25.0	24.0		ug/L		96	80 - 120		
o-Xylene			25.0	23.1		ug/L		92	80 - 123		

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
Toluene-d8 (Surr)	*92*		*78 - 122*
Dibromofluoromethane (Surr)	*99*		*73 - 120*
4-Bromofluorobenzene (Surr)	*91*		*56 - 136*
1,2-Dichloroethane-d4 (Surr)	*96*		*62 - 137*

Lab Sample ID: MB 240-633652/7
Matrix: Water
Analysis Batch: 633652

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		1.0	0.48	ug/L			11/02/24 11:59	1
1,1,2,2-Tetrachloroethane	ND		1.0	0.60	ug/L			11/02/24 11:59	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		1.0	0.41	ug/L			11/02/24 11:59	1
1,1,2-Trichloroethane	ND		1.0	0.48	ug/L			11/02/24 11:59	1
1,1-Dichloroethane	ND		1.0	0.47	ug/L			11/02/24 11:59	1
1,1-Dichloroethene	ND		1.0	0.49	ug/L			11/02/24 11:59	1
1,2,4-Trichlorobenzene	ND		1.0	0.77	ug/L			11/02/24 11:59	1
1,2-Dibromo-3-Chloropropane	ND		2.0	0.91	ug/L			11/02/24 11:59	1
Ethylene Dibromide	ND		1.0	0.41	ug/L			11/02/24 11:59	1
1,2-Dichlorobenzene	ND		1.0	0.48	ug/L			11/02/24 11:59	1
1,2-Dichloroethane	ND		1.0	0.46	ug/L			11/02/24 11:59	1
1,2-Dichloropropane	ND		1.0	0.47	ug/L			11/02/24 11:59	1
1,3-Dichlorobenzene	ND		1.0	0.45	ug/L			11/02/24 11:59	1
1,4-Dichlorobenzene	ND		1.0	0.41	ug/L			11/02/24 11:59	1
2-Butanone (MEK)	ND		10	1.2	ug/L			11/02/24 11:59	1
2-Hexanone	ND		10	1.1	ug/L			11/02/24 11:59	1
4-Methyl-2-pentanone (MIBK)	ND		10	0.99	ug/L			11/02/24 11:59	1
Acetone	ND		10	5.4	ug/L			11/02/24 11:59	1
Benzene	ND		1.0	0.42	ug/L			11/02/24 11:59	1
Dichlorobromomethane	ND		1.0	0.38	ug/L			11/02/24 11:59	1
Bromoform	ND		1.0	0.76	ug/L			11/02/24 11:59	1
Bromomethane	ND		1.0	0.42	ug/L			11/02/24 11:59	1
Carbon disulfide	ND		1.0	0.59	ug/L			11/02/24 11:59	1
Carbon tetrachloride	ND		1.0	0.26	ug/L			11/02/24 11:59	1

Method: 8260D - Volatile Organic Compounds by GC/MS (Continued)

Lab Sample ID: MB 240-633652/7
Matrix: Water
Analysis Batch: 633652

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chlorobenzene	ND		1.0	0.38	ug/L			11/02/24 11:59	1
Chloroethane	ND		1.0	0.83	ug/L			11/02/24 11:59	1
Chloroform	ND		1.0	0.47	ug/L			11/02/24 11:59	1
Chloromethane	ND		1.0	0.63	ug/L			11/02/24 11:59	1
cis-1,2-Dichloroethene	ND		1.0	0.46	ug/L			11/02/24 11:59	1
cis-1,3-Dichloropropene	ND		1.0	0.61	ug/L			11/02/24 11:59	1
Cyclohexane	ND		1.0	0.48	ug/L			11/02/24 11:59	1
Chlorodibromomethane	ND		1.0	0.39	ug/L			11/02/24 11:59	1
Dichlorodifluoromethane	ND		1.0	0.35	ug/L			11/02/24 11:59	1
Ethylbenzene	ND		1.0	0.42	ug/L			11/02/24 11:59	1
Isopropylbenzene	ND		1.0	0.49	ug/L			11/02/24 11:59	1
Methyl acetate	ND		10	1.7	ug/L			11/02/24 11:59	1
Methyl tert-butyl ether	ND		1.0	0.47	ug/L			11/02/24 11:59	1
Methylcyclohexane	ND		1.0	0.33	ug/L			11/02/24 11:59	1
Methylene Chloride	ND		5.0	2.6	ug/L			11/02/24 11:59	1
Styrene	ND		1.0	0.45	ug/L			11/02/24 11:59	1
Tetrachloroethene	ND		1.0	0.44	ug/L			11/02/24 11:59	1
Toluene	ND		1.0	0.44	ug/L			11/02/24 11:59	1
trans-1,2-Dichloroethene	ND		1.0	0.51	ug/L			11/02/24 11:59	1
trans-1,3-Dichloropropene	ND		1.0	0.67	ug/L			11/02/24 11:59	1
Trichloroethene	ND		1.0	0.44	ug/L			11/02/24 11:59	1
Trichlorofluoromethane	ND		1.0	0.45	ug/L			11/02/24 11:59	1
Vinyl chloride	ND		1.0	0.45	ug/L			11/02/24 11:59	1
Xylenes, Total	ND		2.0	0.42	ug/L			11/02/24 11:59	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Toluene-d8 (Surr)	*91*		*78 - 122*		*11/02/24 11:59*	*1*
Dibromofluoromethane (Surr)	*106*		*73 - 120*		*11/02/24 11:59*	*1*
4-Bromofluorobenzene (Surr)	*79*		*56 - 136*		*11/02/24 11:59*	*1*
1,2-Dichloroethane-d4 (Surr)	*104*		*62 - 137*		*11/02/24 11:59*	*1*

Lab Sample ID: LCS 240-633652/4
Matrix: Water
Analysis Batch: 633652

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
1,1,1-Trichloroethane	25.0	25.4		ug/L		102	64 - 131
1,1,2,2-Tetrachloroethane	25.0	21.5		ug/L		86	58 - 157
1,1,2-Trichloro-1,2,2-trifluoroethane	25.0	26.3		ug/L		105	51 - 146
1,1,2-Trichloroethane	25.0	24.4		ug/L		98	70 - 138
1,1-Dichloroethane	25.0	26.7		ug/L		107	72 - 127
1,1-Dichloroethene	25.0	27.0		ug/L		108	63 - 134
1,2,4-Trichlorobenzene	25.0	22.3		ug/L		89	44 - 147
1,2-Dibromo-3-Chloropropane	25.0	18.8		ug/L		75	53 - 135
Ethylene Dibromide	25.0	23.8		ug/L		95	71 - 134
1,2-Dichlorobenzene	25.0	25.3		ug/L		101	78 - 120
1,2-Dichloroethane	25.0	24.4		ug/L		98	66 - 128
1,2-Dichloropropane	25.0	22.4		ug/L		90	75 - 133

Method: 8260D - Volatile Organic Compounds by GC/MS (Continued)

Lab Sample ID: LCS 240-633652/4
Matrix: Water
Analysis Batch: 633652

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
1,3-Dichlorobenzene	25.0	24.1		ug/L		96	80 - 120
1,4-Dichlorobenzene	25.0	24.6		ug/L		98	80 - 120
2-Butanone (MEK)	50.0	36.4		ug/L		73	54 - 156
2-Hexanone	50.0	35.9		ug/L		72	43 - 167
4-Methyl-2-pentanone (MIBK)	50.0	36.5		ug/L		73	46 - 158
Acetone	50.0	47.9		ug/L		96	50 - 149
Benzene	25.0	26.3		ug/L		105	77 - 123
Dichlorobromomethane	25.0	23.5		ug/L		94	69 - 126
Bromoform	25.0	24.5		ug/L		98	57 - 129
Bromomethane	12.5	13.5		ug/L		108	36 - 142
Carbon disulfide	25.0	29.0		ug/L		116	43 - 140
Carbon tetrachloride	25.0	24.1		ug/L		96	55 - 137
Chlorobenzene	25.0	26.7		ug/L		107	80 - 121
Chloroethane	12.5	12.8		ug/L		102	38 - 152
Chloroform	25.0	25.7		ug/L		103	74 - 122
Chloromethane	12.5	9.10		ug/L		73	47 - 143
cis-1,2-Dichloroethene	25.0	26.0		ug/L		104	77 - 123
cis-1,3-Dichloropropene	25.0	21.0		ug/L		84	64 - 130
Cyclohexane	25.0	18.0		ug/L		72	58 - 146
Chlorodibromomethane	25.0	23.5		ug/L		94	70 - 124
Dichlorodifluoromethane	12.5	6.24		ug/L		50	34 - 153
Ethylbenzene	25.0	25.1		ug/L		100	80 - 121
Isopropylbenzene	25.0	26.7		ug/L		107	74 - 128
Methyl acetate	50.0	37.0		ug/L		74	42 - 169
Methyl tert-butyl ether	25.0	26.4		ug/L		106	65 - 126
Methylcyclohexane	25.0	18.0		ug/L		72	62 - 136
Methylene Chloride	25.0	28.0		ug/L		112	71 - 125
Styrene	25.0	26.2		ug/L		105	80 - 135
Tetrachloroethene	25.0	27.1		ug/L		108	76 - 123
Toluene	25.0	23.2		ug/L		93	80 - 123
trans-1,2-Dichloroethene	25.0	27.3		ug/L		109	75 - 124
trans-1,3-Dichloropropene	25.0	22.3		ug/L		89	57 - 129
Trichloroethene	25.0	25.4		ug/L		102	70 - 122
Trichlorofluoromethane	12.5	14.7		ug/L		118	30 - 170
Vinyl chloride	12.5	9.28		ug/L		74	60 - 144
Xylenes, Total	50.0	50.4		ug/L		101	80 - 121
m-Xylene & p-Xylene	25.0	25.8		ug/L		103	80 - 120
o-Xylene	25.0	24.6		ug/L		99	80 - 123

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
Toluene-d8 (Surr)	*101*		*78 - 122*
Dibromofluoromethane (Surr)	*108*		*73 - 120*
4-Bromofluorobenzene (Surr)	*96*		*56 - 136*
1,2-Dichloroethane-d4 (Surr)	*102*		*62 - 137*

Method: 8270E - Semivolatile Organic Compounds (GC/MS)

Lab Sample ID: MB 240-632213/1-A
Matrix: Water
Analysis Batch: 633270

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 632213

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1'-Biphenyl	ND		1.0	0.49	ug/L		10/24/24 08:27	10/31/24 10:19	1
bis (2-chloroisopropyl) ether	ND		1.0	0.24	ug/L		10/24/24 08:27	10/31/24 10:19	1
2,4,5-Trichlorophenol	ND		5.0	2.0	ug/L		10/24/24 08:27	10/31/24 10:19	1
2,4,6-Trichlorophenol	ND		5.0	1.8	ug/L		10/24/24 08:27	10/31/24 10:19	1
2,4-Dichlorophenol	ND		2.0	0.26	ug/L		10/24/24 08:27	10/31/24 10:19	1
2,4-Dimethylphenol	ND		2.0	0.25	ug/L		10/24/24 08:27	10/31/24 10:19	1
2,4-Dinitrophenol	ND		10	2.6	ug/L		10/24/24 08:27	10/31/24 10:19	1
2,4-Dinitrotoluene	ND		5.0	2.1	ug/L		10/24/24 08:27	10/31/24 10:19	1
2,6-Dinitrotoluene	ND		5.0	1.1	ug/L		10/24/24 08:27	10/31/24 10:19	1
2-Chloronaphthalene	ND		1.0	0.23	ug/L		10/24/24 08:27	10/31/24 10:19	1
2-Chlorophenol	ND		1.0	0.27	ug/L		10/24/24 08:27	10/31/24 10:19	1
2-Methylnaphthalene	ND		0.20	0.11	ug/L		10/24/24 08:27	10/31/24 10:19	1
2-Methylphenol	ND		1.0	0.21	ug/L		10/24/24 08:27	10/31/24 10:19	1
2-Nitroaniline	ND		2.0	0.51	ug/L		10/24/24 08:27	10/31/24 10:19	1
2-Nitrophenol	ND		2.0	0.56	ug/L		10/24/24 08:27	10/31/24 10:19	1
3,3'-Dichlorobenzidine	ND		5.0	1.2	ug/L		10/24/24 08:27	10/31/24 10:19	1
3-Nitroaniline	ND		2.0	0.57	ug/L		10/24/24 08:27	10/31/24 10:19	1
4,6-Dinitro-2-methylphenol	ND		5.0	2.8	ug/L		10/24/24 08:27	10/31/24 10:19	1
4-Bromophenyl phenyl ether	ND		2.0	0.50	ug/L		10/24/24 08:27	10/31/24 10:19	1
4-Chloro-3-methylphenol	ND		2.0	0.30	ug/L		10/24/24 08:27	10/31/24 10:19	1
4-Chloroaniline	ND		2.0	0.32	ug/L		10/24/24 08:27	10/31/24 10:19	1
4-Chlorophenyl phenyl ether	ND		2.0	0.55	ug/L		10/24/24 08:27	10/31/24 10:19	1
4-Nitroaniline	ND		2.0	0.33	ug/L		10/24/24 08:27	10/31/24 10:19	1
4-Nitrophenol	ND		10	2.2	ug/L		10/24/24 08:27	10/31/24 10:19	1
Acenaphthene	ND		0.20	0.17	ug/L		10/24/24 08:27	10/31/24 10:19	1
Acenaphthylene	ND		0.20	0.13	ug/L		10/24/24 08:27	10/31/24 10:19	1
Acetophenone	ND		1.0	0.37	ug/L		10/24/24 08:27	10/31/24 10:19	1
Anthracene	ND		0.20	0.14	ug/L		10/24/24 08:27	10/31/24 10:19	1
Atrazine	ND		2.0	0.95	ug/L		10/24/24 08:27	10/31/24 10:19	1
Benzaldehyde	ND		2.0	0.76	ug/L		10/24/24 08:27	10/31/24 10:19	1
Benzo[a]anthracene	ND		0.20	0.068	ug/L		10/24/24 08:27	10/31/24 10:19	1
Benzo[a]pyrene	ND		0.20	0.17	ug/L		10/24/24 08:27	10/31/24 10:19	1
Benzo[b]fluoranthene	ND		0.20	0.15	ug/L		10/24/24 08:27	10/31/24 10:19	1
Benzo[g,h,i]perylene	ND		0.20	0.18	ug/L		10/24/24 08:27	10/31/24 10:19	1
Benzo[k]fluoranthene	ND		0.20	0.14	ug/L		10/24/24 08:27	10/31/24 10:19	1
Bis(2-chloroethoxy)methane	ND		1.0	0.22	ug/L		10/24/24 08:27	10/31/24 10:19	1
Bis(2-chloroethyl)ether	ND		1.0	0.40	ug/L		10/24/24 08:27	10/31/24 10:19	1
Bis(2-ethylhexyl) phthalate	ND		5.0	2.2	ug/L		10/24/24 08:27	10/31/24 10:19	1
Butyl benzyl phthalate	ND		2.0	0.67	ug/L		10/24/24 08:27	10/31/24 10:19	1
Caprolactam	ND		5.0	3.8	ug/L		10/24/24 08:27	10/31/24 10:19	1
Carbazole	ND		1.0	0.49	ug/L		10/24/24 08:27	10/31/24 10:19	1
Chrysene	ND		0.20	0.066	ug/L		10/24/24 08:27	10/31/24 10:19	1
Dibenz(a,h)anthracene	ND		0.20	0.15	ug/L		10/24/24 08:27	10/31/24 10:19	1
Dibenzofuran	ND		1.0	0.27	ug/L		10/24/24 08:27	10/31/24 10:19	1
Diethyl phthalate	ND		5.0	0.41	ug/L		10/24/24 08:27	10/31/24 10:19	1
Dimethyl phthalate	ND		2.0	0.52	ug/L		10/24/24 08:27	10/31/24 10:19	1
Di-n-butyl phthalate	ND		5.0	1.8	ug/L		10/24/24 08:27	10/31/24 10:19	1
Di-n-octyl phthalate	ND		2.0	0.82	ug/L		10/24/24 08:27	10/31/24 10:19	1

Method: 8270E - Semivolatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: MB 240-632213/1-A
Matrix: Water
Analysis Batch: 633270

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 632213

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Fluoranthene	ND		0.20	0.16	ug/L		10/24/24 08:27	10/31/24 10:19	1
Fluorene	ND		0.20	0.079	ug/L		10/24/24 08:27	10/31/24 10:19	1
Hexachlorobenzene	ND		0.20	0.16	ug/L		10/24/24 08:27	10/31/24 10:19	1
Hexachlorobutadiene	ND		1.0	0.54	ug/L		10/24/24 08:27	10/31/24 10:19	1
Hexachlorocyclopentadiene	ND		10	1.8	ug/L		10/24/24 08:27	10/31/24 10:19	1
Hexachloroethane	ND		1.0	0.40	ug/L		10/24/24 08:27	10/31/24 10:19	1
Indeno[1,2,3-cd]pyrene	ND		0.20	0.14	ug/L		10/24/24 08:27	10/31/24 10:19	1
Isophorone	ND		1.0	0.32	ug/L		10/24/24 08:27	10/31/24 10:19	1
N-Nitrosodi-n-propylamine	ND		1.0	0.25	ug/L		10/24/24 08:27	10/31/24 10:19	1
N-Nitrosodiphenylamine	ND		1.0	0.44	ug/L		10/24/24 08:27	10/31/24 10:19	1
Naphthalene	0.444		0.20	0.11	ug/L		10/24/24 08:27	10/31/24 10:19	1
Nitrobenzene	ND		1.0	0.51	ug/L		10/24/24 08:27	10/31/24 10:19	1
Pentachlorophenol	ND		10	3.1	ug/L		10/24/24 08:27	10/31/24 10:19	1
Phenanthrene	ND		0.20	0.080	ug/L		10/24/24 08:27	10/31/24 10:19	1
Phenol	ND		1.0	0.40	ug/L		10/24/24 08:27	10/31/24 10:19	1
Pyrene	ND		0.20	0.083	ug/L		10/24/24 08:27	10/31/24 10:19	1
3 & 4 Methylphenol	ND		2.0	0.19	ug/L		10/24/24 08:27	10/31/24 10:19	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Terphenyl-d14 (Surr)	*101*		*43 - 136*	*10/24/24 08:27*	*10/31/24 10:19*	*1*
Phenol-d5 (Surr)	*56*		*10 - 120*	*10/24/24 08:27*	*10/31/24 10:19*	*1*
Nitrobenzene-d5 (Surr)	*81*		*40 - 120*	*10/24/24 08:27*	*10/31/24 10:19*	*1*
2-Fluorophenol (Surr)	*86*		*10 - 127*	*10/24/24 08:27*	*10/31/24 10:19*	*1*
2-Fluorobiphenyl (Surr)	*76*		*41 - 120*	*10/24/24 08:27*	*10/31/24 10:19*	*1*
2,4,6-Tribromophenol (Surr)	*61*		*23 - 127*	*10/24/24 08:27*	*10/31/24 10:19*	*1*

Lab Sample ID: LCS 240-632213/2-A
Matrix: Water
Analysis Batch: 633270

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 632213

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
1,1'-Biphenyl	32.0	27.5		ug/L		86	48 - 120
bis (2-chloroisopropyl) ether	32.0	25.6		ug/L		80	34 - 126
2,4,5-Trichlorophenol	32.0	29.0		ug/L		91	51 - 129
2,4,6-Trichlorophenol	32.0	28.1		ug/L		88	51 - 128
2,4-Dichlorophenol	32.0	28.3		ug/L		89	57 - 122
2,4-Dimethylphenol	32.0	20.1		ug/L		63	33 - 120
2,4-Dinitrophenol	64.0	50.6		ug/L		79	27 - 126
2,4-Dinitrotoluene	32.0	32.7		ug/L		102	55 - 131
2,6-Dinitrotoluene	32.0	31.5		ug/L		98	54 - 134
2-Chloronaphthalene	32.0	28.0		ug/L		88	50 - 120
2-Chlorophenol	32.0	31.4		ug/L		98	57 - 120
2-Methylnaphthalene	32.0	26.4		ug/L		83	47 - 120
2-Methylphenol	32.0	31.6		ug/L		99	47 - 120
2-Nitroaniline	32.0	29.7		ug/L		93	51 - 138
2-Nitrophenol	32.0	26.9		ug/L		84	53 - 127
3,3'-Dichlorobenzidine	64.0	68.6		ug/L		107	39 - 150
3-Nitroaniline	32.0	33.1		ug/L		104	13 - 156

Method: 8270E - Semivolatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: LCS 240-632213/2-A
Matrix: Water
Analysis Batch: 633270

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 632213

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
4,6-Dinitro-2-methylphenol	64.0	67.4		ug/L		105	45 - 130
4-Bromophenyl phenyl ether	32.0	34.5		ug/L		108	51 - 129
4-Chloro-3-methylphenol	32.0	27.7		ug/L		87	57 - 126
4-Chloroaniline	32.0	5.17		ug/L		16	10 - 120
4-Chlorophenyl phenyl ether	32.0	29.8		ug/L		93	52 - 122
4-Nitroaniline	32.0	33.7		ug/L		105	44 - 156
4-Nitrophenol	64.0	45.0		ug/L		70	14 - 120
Acenaphthene	32.0	26.5		ug/L		83	50 - 120
Acenaphthylene	32.0	28.8		ug/L		90	49 - 120
Acetophenone	32.0	34.1		ug/L		106	52 - 120
Anthracene	32.0	33.3		ug/L		104	55 - 124
Atrazine	32.0	31.5		ug/L		98	50 - 152
Benzaldehyde	32.0	36.0		ug/L		113	36 - 168
Benzo[a]anthracene	32.0	32.6		ug/L		102	55 - 130
Benzo[a]pyrene	32.0	33.2		ug/L		104	51 - 123
Benzo[b]fluoranthene	32.0	34.2		ug/L		107	51 - 130
Benzo[g,h,i]perylene	32.0	35.1		ug/L		110	55 - 135
Benzo[k]fluoranthene	32.0	32.1		ug/L		100	53 - 130
Bis(2-chloroethoxy)methane	32.0	28.1		ug/L		88	50 - 121
Bis(2-chloroethyl)ether	32.0	27.6		ug/L		86	47 - 120
Bis(2-ethylhexyl) phthalate	32.0	37.1		ug/L		116	45 - 142
Butyl benzyl phthalate	32.0	32.3		ug/L		101	48 - 140
Caprolactam	32.0	6.76		ug/L		21	10 - 120
Carbazole	32.0	34.2		ug/L		107	56 - 135
Chrysene	32.0	32.0		ug/L		100	52 - 126
Dibenz(a,h)anthracene	32.0	36.2		ug/L		113	57 - 132
Dibenzofuran	32.0	29.4		ug/L		92	52 - 120
Diethyl phthalate	32.0	28.1		ug/L		88	51 - 127
Dimethyl phthalate	32.0	28.9		ug/L		90	40 - 136
Di-n-butyl phthalate	32.0	31.0		ug/L		97	56 - 138
Di-n-octyl phthalate	32.0	27.7		ug/L		87	45 - 135
Fluoranthene	32.0	33.4		ug/L		104	56 - 135
Fluorene	32.0	29.2		ug/L		91	52 - 124
Hexachlorobenzene	32.0	31.9		ug/L		100	49 - 127
Hexachlorobutadiene	32.0	23.0		ug/L		72	36 - 120
Hexachlorocyclopentadiene	32.0	9.23	J	ug/L		29	10 - 120
Hexachloroethane	32.0	23.9		ug/L		75	39 - 120
Indeno[1,2,3-cd]pyrene	32.0	35.6		ug/L		111	55 - 134
Isophorone	32.0	29.9		ug/L		93	50 - 127
N-Nitrosodi-n-propylamine	32.0	30.1		ug/L		94	49 - 128
N-Nitrosodiphenylamine	32.0	33.1		ug/L		103	53 - 127
Naphthalene	32.0	26.1		ug/L		82	46 - 120
Nitrobenzene	32.0	28.0		ug/L		88	50 - 123
Pentachlorophenol	64.0	64.8		ug/L		101	24 - 124
Phenanthrene	32.0	33.0		ug/L		103	54 - 120
Phenol	32.0	25.2		ug/L		79	10 - 120
Pyrene	32.0	32.9		ug/L		103	53 - 135
3 & 4 Methylphenol	32.0	32.5		ug/L		102	41 - 120

Method: 8270E - Semivolatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: LCS 240-632213/2-A
Matrix: Water
Analysis Batch: 633270

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 632213

Surrogate	LCS %Recovery	LCS Qualifier	Limits
Terphenyl-d14 (Surr)	*90*		*43 - 136*
Phenol-d5 (Surr)	*69*		*10 - 120*
Nitrobenzene-d5 (Surr)	*78*		*40 - 120*
2-Fluorophenol (Surr)	*112*		*10 - 127*
2-Fluorobiphenyl (Surr)	*83*		*41 - 120*
2,4,6-Tribromophenol (Surr)	*103*		*23 - 127*

Method: 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Lab Sample ID: MB 240-632221/1-A
Matrix: Water
Analysis Batch: 632373

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 632221

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aroclor-1016	ND		0.10	0.056	ug/L		10/24/24 08:44	10/25/24 05:54	1
Aroclor-1221	ND		0.10	0.057	ug/L		10/24/24 08:44	10/25/24 05:54	1
Aroclor-1232	ND		0.10	0.074	ug/L		10/24/24 08:44	10/25/24 05:54	1
Aroclor-1242	ND		0.10	0.076	ug/L		10/24/24 08:44	10/25/24 05:54	1
Aroclor-1248	ND		0.10	0.050	ug/L		10/24/24 08:44	10/25/24 05:54	1
Aroclor-1254	ND		0.10	0.040	ug/L		10/24/24 08:44	10/25/24 05:54	1
Aroclor-1260	ND		0.10	0.046	ug/L		10/24/24 08:44	10/25/24 05:54	1
Aroclor-1262	ND		0.10	0.058	ug/L		10/24/24 08:44	10/25/24 05:54	1
Aroclor-1268	ND		0.10	0.062	ug/L		10/24/24 08:44	10/25/24 05:54	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
Tetrachloro-m-xylene	*31*		*10 - 149*	*10/24/24 08:44*	*10/25/24 05:54*	*1*
DCB Decachlorobiphenyl	*60*		*10 - 174*	*10/24/24 08:44*	*10/25/24 05:54*	*1*

Lab Sample ID: LCS 240-632221/2-A
Matrix: Water
Analysis Batch: 632373

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 632221

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Aroclor-1016	2.50	1.43		ug/L		57	28 - 140
Aroclor-1260	2.50	1.86		ug/L		74	39 - 153

Surrogate	LCS %Recovery	LCS Qualifier	Limits
Tetrachloro-m-xylene	*46*		*10 - 149*
DCB Decachlorobiphenyl	*73*		*10 - 174*

Method: 6010D - Metals (ICP)

Lab Sample ID: MB 240-632265/1-A
Matrix: Water
Analysis Batch: 632536

Client Sample ID: Method Blank
Prep Type: Total Recoverable
Prep Batch: 632265

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	ND		15	4.1	ug/L		10/24/24 14:00	10/25/24 15:05	1

Method: 6010D - Metals (ICP) (Continued)

Lab Sample ID: MB 240-632265/1-A
Matrix: Water
Analysis Batch: 632536

Client Sample ID: Method Blank
Prep Type: Total Recoverable
Prep Batch: 632265

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Barium	ND		200	1.3	ug/L		10/24/24 14:00	10/25/24 15:05	1
Cadmium	ND		5.0	0.45	ug/L		10/24/24 14:00	10/25/24 15:05	1
Chromium	ND		10	0.76	ug/L		10/24/24 14:00	10/25/24 15:05	1
Copper	ND		25	3.5	ug/L		10/24/24 14:00	10/25/24 15:05	1
Lead	ND		10	2.8	ug/L		10/24/24 14:00	10/25/24 15:05	1
Selenium	ND		20	6.0	ug/L		10/24/24 14:00	10/25/24 15:05	1
Silver	ND		10	1.4	ug/L		10/24/24 14:00	10/25/24 15:05	1
Zinc	ND		50	23	ug/L		10/24/24 14:00	10/25/24 15:05	1

Lab Sample ID: LCS 240-632265/2-A
Matrix: Water
Analysis Batch: 632536

Client Sample ID: Lab Control Sample
Prep Type: Total Recoverable
Prep Batch: 632265

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Arsenic	2000	2090		ug/L		105	80 - 120
Barium	2000	1990		ug/L		99	80 - 120
Cadmium	1000	1020		ug/L		102	80 - 120
Chromium	1000	997		ug/L		100	80 - 120
Copper	1000	969		ug/L		97	80 - 120
Lead	1000	950		ug/L		95	80 - 120
Selenium	2000	2090		ug/L		104	80 - 120
Silver	100	95.4		ug/L		95	80 - 120
Zinc	1000	1020		ug/L		102	80 - 120

Method: 7470A - Mercury (CVAA)

Lab Sample ID: MB 240-632272/1-A
Matrix: Water
Analysis Batch: 632558

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 632272

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	ND		0.20	0.13	ug/L		10/24/24 14:00	10/25/24 13:08	1

Lab Sample ID: LCS 240-632272/2-A
Matrix: Water
Analysis Batch: 632558

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 632272

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Mercury	5.00	4.73		ug/L		95	80 - 120

Method: 7196A - Chromium, Hexavalent

Lab Sample ID: MB 240-632060/3
Matrix: Water
Analysis Batch: 632060

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chromium, hexavalent	ND		0.020	0.0070	mg/L			10/23/24 12:43	1

Method: 7196A - Chromium, Hexavalent (Continued)

Lab Sample ID: MB 240-632060/60
Matrix: Water
Analysis Batch: 632060

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chromium, hexavalent	ND		0.020	0.0070	mg/L			10/23/24 17:52	1

Lab Sample ID: LCS 240-632060/4
Matrix: Water
Analysis Batch: 632060

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
Chromium, hexavalent			0.250	0.258		mg/L		103	85 - 115		

Lab Sample ID: LCS 240-632060/61
Matrix: Water
Analysis Batch: 632060

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
Chromium, hexavalent			0.250	0.234		mg/L		94	85 - 115		

Lab Sample ID: 240-213553-2 MS
Matrix: Water
Analysis Batch: 632060

Client Sample ID: SB-12-GW-18-28
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits		
Chromium, hexavalent	ND		2.50	2.38		mg/L		95	85 - 115		

Lab Sample ID: 240-213553-2 MSD
Matrix: Water
Analysis Batch: 632060

Client Sample ID: SB-12-GW-18-28
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Chromium, hexavalent	ND		2.50	2.31		mg/L		93	85 - 115	3	20

Method: 9012B - Cyanide, Total andor Amenable

Lab Sample ID: MB 240-633093/1-A
Matrix: Water
Analysis Batch: 633158

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 633093

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cyanide, Total	ND		0.010	0.0060	mg/L		10/30/24 08:38	10/30/24 09:53	1

Lab Sample ID: LCS 240-633093/2-A
Matrix: Water
Analysis Batch: 633158

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 633093

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
Cyanide, Total			0.327	0.333		mg/L		102	85 - 115		

Method: 9012B - Cyanide, Total andor Amenable (Continued)

Lab Sample ID: MRL 240-633158/10
Matrix: Water
Analysis Batch: 633158

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte			Spike Added	MRL Result	MRL Qualifier	Unit	D	%Rec	%Rec Limits		
Cyanide, Total			0.0100	0.0120		mg/L		120	70 - 130		

Method: OIA-1677 - Cyanide, Free (Flow Injection)

Lab Sample ID: MB 410-571173/17
Matrix: Water
Analysis Batch: 571173

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cyanide, Free	ND		0.0060	0.0050	mg/L			11/04/24 14:19	1

Lab Sample ID: LCS 410-571173/16
Matrix: Water
Analysis Batch: 571173

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
Cyanide, Free			0.0500	0.0455		mg/L		91	82 - 132		

GC/MS VOA

Analysis Batch: 633401

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
240-213553-2	SB-12-GW-18-28	Total/NA	Water	8260D	
MB 240-633401/7	Method Blank	Total/NA	Water	8260D	
LCS 240-633401/4	Lab Control Sample	Total/NA	Water	8260D	

Analysis Batch: 633652

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
240-213553-1	SB-14-GW-18-28	Total/NA	Water	8260D	
MB 240-633652/7	Method Blank	Total/NA	Water	8260D	
LCS 240-633652/4	Lab Control Sample	Total/NA	Water	8260D	

GC/MS Semi VOA

Prep Batch: 632213

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
240-213553-1	SB-14-GW-18-28	Total/NA	Water	3510C LVI	
240-213553-2	SB-12-GW-18-28	Total/NA	Water	3510C LVI	
MB 240-632213/1-A	Method Blank	Total/NA	Water	3510C LVI	
LCS 240-632213/2-A	Lab Control Sample	Total/NA	Water	3510C LVI	

Analysis Batch: 633270

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
240-213553-1	SB-14-GW-18-28	Total/NA	Water	8270E	632213
MB 240-632213/1-A	Method Blank	Total/NA	Water	8270E	632213
LCS 240-632213/2-A	Lab Control Sample	Total/NA	Water	8270E	632213

Analysis Batch: 633649

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
240-213553-2	SB-12-GW-18-28	Total/NA	Water	8270E	632213

GC Semi VOA

Prep Batch: 632221

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
240-213553-1	SB-14-GW-18-28	Total/NA	Water	3510C	
240-213553-2	SB-12-GW-18-28	Total/NA	Water	3510C	
MB 240-632221/1-A	Method Blank	Total/NA	Water	3510C	
LCS 240-632221/2-A	Lab Control Sample	Total/NA	Water	3510C	

Analysis Batch: 632373

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
240-213553-1	SB-14-GW-18-28	Total/NA	Water	8082A	632221
240-213553-2	SB-12-GW-18-28	Total/NA	Water	8082A	632221
MB 240-632221/1-A	Method Blank	Total/NA	Water	8082A	632221
LCS 240-632221/2-A	Lab Control Sample	Total/NA	Water	8082A	632221

Metals

Prep Batch: 632265

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
240-213553-1	SB-14-GW-18-28	Total Recoverable	Water	3005A	
240-213553-2	SB-12-GW-18-28	Total Recoverable	Water	3005A	
240-213553-3	SB-12-GW-18-28	Dissolved	Water	3005A	

Metals (Continued)

Prep Batch: 632265 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
240-213553-4	SB-14-GW-18-28	Dissolved	Water	3005A	
MB 240-632265/1-A	Method Blank	Total Recoverable	Water	3005A	
LCS 240-632265/2-A	Lab Control Sample	Total Recoverable	Water	3005A	

Prep Batch: 632272

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
240-213553-1	SB-14-GW-18-28	Total/NA	Water	7470A	
240-213553-2	SB-12-GW-18-28	Total/NA	Water	7470A	
240-213553-3	SB-12-GW-18-28	Dissolved	Water	7470A	
240-213553-4	SB-14-GW-18-28	Dissolved	Water	7470A	
MB 240-632272/1-A	Method Blank	Total/NA	Water	7470A	
LCS 240-632272/2-A	Lab Control Sample	Total/NA	Water	7470A	

Analysis Batch: 632536

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
240-213553-1	SB-14-GW-18-28	Total Recoverable	Water	6010D	632265
240-213553-2	SB-12-GW-18-28	Total Recoverable	Water	6010D	632265
240-213553-3	SB-12-GW-18-28	Dissolved	Water	6010D	632265
240-213553-4	SB-14-GW-18-28	Dissolved	Water	6010D	632265
MB 240-632265/1-A	Method Blank	Total Recoverable	Water	6010D	632265
LCS 240-632265/2-A	Lab Control Sample	Total Recoverable	Water	6010D	632265

Analysis Batch: 632558

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
240-213553-1	SB-14-GW-18-28	Total/NA	Water	7470A	632272
240-213553-2	SB-12-GW-18-28	Total/NA	Water	7470A	632272
240-213553-3	SB-12-GW-18-28	Dissolved	Water	7470A	632272
240-213553-4	SB-14-GW-18-28	Dissolved	Water	7470A	632272
MB 240-632272/1-A	Method Blank	Total/NA	Water	7470A	632272
LCS 240-632272/2-A	Lab Control Sample	Total/NA	Water	7470A	632272

General Chemistry

Analysis Batch: 571173

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
240-213553-1	SB-14-GW-18-28	Total/NA	Water	OIA-1677	
240-213553-2	SB-12-GW-18-28	Total/NA	Water	OIA-1677	
MB 410-571173/17	Method Blank	Total/NA	Water	OIA-1677	
LCS 410-571173/16	Lab Control Sample	Total/NA	Water	OIA-1677	

Analysis Batch: 632060

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
240-213553-1	SB-14-GW-18-28	Total/NA	Water	7196A	
240-213553-2	SB-12-GW-18-28	Total/NA	Water	7196A	
240-213553-3	SB-12-GW-18-28	Dissolved	Water	7196A	
240-213553-4	SB-14-GW-18-28	Dissolved	Water	7196A	
MB 240-632060/3	Method Blank	Total/NA	Water	7196A	
MB 240-632060/60	Method Blank	Total/NA	Water	7196A	
LCS 240-632060/4	Lab Control Sample	Total/NA	Water	7196A	
LCS 240-632060/61	Lab Control Sample	Total/NA	Water	7196A	
240-213553-2 MS	SB-12-GW-18-28	Total/NA	Water	7196A	

General Chemistry (Continued)

Analysis Batch: 632060 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
240-213553-2 MSD	SB-12-GW-18-28	Total/NA	Water	7196A	

Prep Batch: 633093

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
240-213553-1	SB-14-GW-18-28	Total/NA	Water	9012B	
240-213553-2	SB-12-GW-18-28	Total/NA	Water	9012B	
MB 240-633093/1-A	Method Blank	Total/NA	Water	9012B	
LCS 240-633093/2-A	Lab Control Sample	Total/NA	Water	9012B	

Analysis Batch: 633158

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
240-213553-1	SB-14-GW-18-28	Total/NA	Water	9012B	633093
240-213553-2	SB-12-GW-18-28	Total/NA	Water	9012B	633093
MB 240-633093/1-A	Method Blank	Total/NA	Water	9012B	633093
LCS 240-633093/2-A	Lab Control Sample	Total/NA	Water	9012B	633093
MRL 240-633158/10	Lab Control Sample	Total/NA	Water	9012B	

Lab Chronicle

Client: August Mack Environmental, Inc.
Project/Site: MSC Canfield - Surface Water

Job ID: 240-213553-1

Client Sample ID: SB-14-GW-18-28

Lab Sample ID: 240-213553-1

Date Collected: 10/22/24 12:15
Matrix: Water
Date Received: 10/22/24 16:10

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260D		1	633652	LEE	EET CLE	11/02/24 14:39
Total/NA	Prep	3510C LVI			632213	GBS	EET CLE	10/24/24 08:27
Total/NA	Analysis	8270E		1	633270	MRU	EET CLE	10/31/24 19:01
Total/NA	Prep	3510C			632221	CR2J	EET CLE	10/24/24 08:44
Total/NA	Analysis	8082A		1	632373	MBB	EET CLE	10/25/24 04:14
Total Recoverable	Prep	3005A			632265	XWS6	EET CLE	10/24/24 14:00
Total Recoverable	Analysis	6010D		1	632536	RKT	EET CLE	10/25/24 16:03
Total/NA	Prep	7470A			632272	XWS6	EET CLE	10/24/24 14:00
Total/NA	Analysis	7470A		1	632558	S4FJ	EET CLE	10/25/24 13:25
Total/NA	Analysis	7196A		1	632060	AAP	EET CLE	10/23/24 12:59
Total/NA	Prep	9012B			633093	BLW	EET CLE	10/30/24 08:38
Total/NA	Analysis	9012B		1	633158	BLW	EET CLE	10/30/24 10:15
Total/NA	Analysis	OIA-1677		1	571173	UJE2	ELLE	11/04/24 14:52

Client Sample ID: SB-12-GW-18-28

Lab Sample ID: 240-213553-2

Date Collected: 10/22/24 14:18
Matrix: Water
Date Received: 10/22/24 16:10

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260D		1	633401	LEE	EET CLE	11/01/24 03:11
Total/NA	Prep	3510C LVI			632213	GBS	EET CLE	10/24/24 08:27
Total/NA	Analysis	8270E		1	633649	MRU	EET CLE	11/02/24 12:58
Total/NA	Prep	3510C			632221	CR2J	EET CLE	10/24/24 08:44
Total/NA	Analysis	8082A		1	632373	MBB	EET CLE	10/25/24 04:28
Total Recoverable	Prep	3005A			632265	XWS6	EET CLE	10/24/24 14:00
Total Recoverable	Analysis	6010D		1	632536	RKT	EET CLE	10/25/24 16:08
Total/NA	Prep	7470A			632272	XWS6	EET CLE	10/24/24 14:00
Total/NA	Analysis	7470A		1	632558	S4FJ	EET CLE	10/25/24 13:26
Total/NA	Analysis	7196A		10	632060	AAP	EET CLE	10/23/24 12:44
Total/NA	Prep	9012B			633093	BLW	EET CLE	10/30/24 08:38
Total/NA	Analysis	9012B		1	633158	BLW	EET CLE	10/30/24 10:17
Total/NA	Analysis	OIA-1677		1	571173	UJE2	ELLE	11/04/24 14:49

Client Sample ID: SB-12-GW-18-28

Lab Sample ID: 240-213553-3

Date Collected: 10/22/24 14:18
Matrix: Water
Date Received: 10/22/24 16:10

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Dissolved	Prep	3005A			632265	XWS6	EET CLE	10/24/24 14:00
Dissolved	Analysis	6010D		1	632536	RKT	EET CLE	10/25/24 16:20
Dissolved	Prep	7470A			632272	XWS6	EET CLE	10/24/24 14:00
Dissolved	Analysis	7470A		1	632558	S4FJ	EET CLE	10/25/24 13:28
Dissolved	Analysis	7196A		1	632060	AAP	EET CLE	10/23/24 12:45

Lab Chronicle

Client: August Mack Environmental, Inc.
Job ID: 240-213553-1
Project/Site: MSC Canfield - Surface Water

Client Sample ID: SB-14-GW-18-28
Lab Sample ID: 240-213553-4

Date Collected: 10/22/24 12:15
Matrix: Water
Date Received: 10/22/24 16:10

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Dissolved	Prep	3005A			632265	XWS6	EET CLE	10/24/24 14:00
Dissolved	Analysis	6010D		1	632536	RKT	EET CLE	10/25/24 16:25
Dissolved	Prep	7470A			632272	XWS6	EET CLE	10/24/24 14:00
Dissolved	Analysis	7470A		1	632558	S4FJ	EET CLE	10/25/24 13:30
Dissolved	Analysis	7196A		1	632060	AAP	EET CLE	10/23/24 12:58

Laboratory References:

EET CLE = Eurofins Cleveland, 180 S. Van Buren Avenue, Barberton, OH 44203, TEL (330)497-9396

ELLE = Eurofins Lancaster Laboratories Environment Testing, LLC, 2425 New Holland Pike, Lancaster, PA 17601, TEL (717)656-2300

Accreditation/Certification Summary

Client: August Mack Environmental, Inc.
Project/Site: MSC Canfield - Surface Water

Job ID: 240-213553-1

Laboratory: Eurofins Cleveland

All accreditations/certifications held by this laboratory are listed. Not all accreditations/certifications are applicable to this report.

Authority	Program	Identification Number	Expiration Date
California	State	2927	02-28-25
Connecticut	State	PH-0806	12-31-26
Georgia	State	4062	02-27-25
Illinois	NELAP	200004	08-31-25
Iowa	State	421	06-01-25
Kentucky (UST)	State	112225	02-27-25
Kentucky (WW)	State	KY98016	12-30-24
Minnesota	NELAP	039-999-348	12-31-24
New Hampshire	NELAP	225024	09-30-25
New Jersey	NELAP	OH001	07-03-25
New York	NELAP	10975	04-02-25
Ohio VAP	State	ORELAP 4062	02-27-25
Oregon	NELAP	4062	02-27-25
Pennsylvania	NELAP	68-00340	08-31-25
Texas	NELAP	T104704517-22-19	08-31-25
USDA	US Federal Programs	P330-18-00281	01-05-27
Virginia	NELAP	460175	09-14-25
West Virginia DEP	State	210	12-31-24

Laboratory: Eurofins Lancaster Laboratories Environment Testing, LLC

All accreditations/certifications held by this laboratory are listed. Not all accreditations/certifications are applicable to this report.

Authority	Program	Identification Number	Expiration Date
A2LA	Dept. of Defense ELAP	0001.01	11-30-26
A2LA	ISO/IEC 17025	0001.01	11-30-26
Alabama	State	43200	01-31-25
Alaska	State	PA00009	06-30-25
Alaska (UST)	State	17-027	02-28-25
Arizona	State	AZ0780	03-12-25
Arkansas DEQ	State	88-00660	08-09-25
California	State	2792	11-30-24
Colorado	State	PA00009	06-30-25
Connecticut	State	PH-0746	06-30-25
DE Haz. Subst. Cleanup Act (HSCA)	State	019-006 (PA cert)	01-31-25
Delaware (DW)	State	N/A	01-31-25
Florida	NELAP	E87997	06-30-25
Georgia (DW)	State	C048	01-31-25
Hawaii	State	N/A	01-31-25
Illinois	NELAP	200027	01-31-25
Iowa	State	361	03-01-26
Kentucky (DW)	State	KY90088	12-31-24
Kentucky (UST)	State	0001.01	11-30-26
Kentucky (WW)	State	KY90088	12-31-24
Louisiana (All)	NELAP	02055	06-30-25
Maine	State	2019012	03-12-25
Maryland	State	100	06-30-25
Massachusetts	State	M-PA009	06-30-25
Michigan	State	9930	01-31-25
Minnesota	NELAP	042-999-487	12-31-24
Mississippi	State	023	01-31-25

Accreditation/Certification Summary

Client: August Mack Environmental, Inc. Job ID: 240-213553-1
Project/Site: MSC Canfield - Surface Water

Laboratory: Eurofins Lancaster Laboratories Environment Testing, LLC (Continued)

All accreditations/certifications held by this laboratory are listed. Not all accreditations/certifications are applicable to this report.

Authority	Program	Identification Number	Expiration Date
Missouri	State	450	01-31-25
Montana (DW)	State	0098	01-01-25
Nebraska	State	NE-OS-32-17	01-31-25
New Hampshire	NELAP	2730	01-10-25
New Jersey	NELAP	PA011	06-30-25
New York	NELAP	10670	04-01-25
North Carolina (DW)	State	42705	07-31-25
North Carolina (WW/SW)	State	521	12-31-25
North Dakota	State	R-205	01-31-24 *
Oklahoma	NELAP	9804	08-31-24 *
Oregon	NELAP	PA200001	09-11-25
Pennsylvania	NELAP	36-00037	01-31-25
Quebec Ministry of Environment and Fight against Climate Change	PALA	507	09-16-29
Rhode Island	State	LAO00338	12-30-24
South Carolina	State	89002	01-31-25
Tennessee	State	02838	01-31-25
Texas	NELAP	T104704194-23-46	08-31-25
USDA	US Federal Programs	525-22-298-19481	10-25-25
Vermont	State	VT - 36037	10-28-25
Virginia	NELAP	460182	06-14-25
Washington	State	C457	04-11-25
West Virginia (DW)	State	9906 C	01-31-25
West Virginia DEP	State	055	07-31-25
Wyoming	State	8TMS-L	01-31-25
Wyoming (UST)	A2LA	0001.01	11-30-26

* Accreditation/Certification renewal pending - accreditation/certification considered valid.

Eurofins Cleveland
180 S. Van Buren Avenue
Barberton, OH 44203
Phone (330) 497-9396 Phone (330) 497-0772

Chain of Custody Record

eurofins | Environment Testing

Client Information	Sampler: Andrew Heilko	Lab PM: Kalis, Nicole A	Carrier Tracking No(s):	COC No: 240-124901-43556.12
Client Contact: Kain Lager-Lowe	Phone:	E-Mail: Nicole.Kalis@et.eurofinsus.com	State of Origin: OH	Page: Page 1 of 1
Company: August Mack Environmental, Inc.	PWSID:			Job #:
Address: 7830 North Central Drive, Suite B	Due Date Requested:			
City: Lewis Center	TAT Requested (days): Standard			
State, Zip: OH, 43035	Compliance Project: Δ Yes Δ No			
Phone: 740-548-1515(Tel)	PO #:			
Email: klagerlowe@augustmack.com	WO #:			
Project Name: MSC Canfield - Soil/Surface Water	Project #: DO NOT DELETE - 24033889			
Site:	SSOW#:			

Analysis Requested

Preservation Codes:
N - None
A - HCL
B - NaOH
D - HNO3
Other:

Sample Identification	Sample Date	Sample Time	Sample Type (C=Comp, G=grab)	Matrix (W=water, S=solid, O=waste/oil, BT=Tissue, A=Air)	Field Filtered Sample (Yes or No)	Perform MS/MSD (Yes or No)	8260D - VOCs	8270E - SVOCs	8082A - PCBs	9012B - Total Cyanid	1677 - Free Cyandie	6010D/7470A - Total RCRA 8, Cu & Zn	7196A - Total Hexavalnt Chromium	6010D/7470A - Dissolved RCRA 8, Cu & Zn	7196A - Dissolved Hexavalent Chromium	6010D, 7470A	7196A - Diss. Hexavalent Chromium - Field Filter	1677_Free - Cyanide, Free		Total Number of containers	Special Instructions/Note:
			Preservation Code:				A	N	N	B	B	D	N	D	N	D	N	B			
SB-14-6w-15-25	10/22/24	1215	G	Water	N	N	X	X	X	X	X	X	X	X	X						
SB-12-6w-15-25	10/22/24	1418	G	Water	N	N	X	X	X	X	X	X	X	X	X						
SB-12-6w-15-25	10/22/24	1418	G	Water	Y	N										X	X				
SB-14-6w-15-25	10/22/24	1215	G	Water	Y	N										X	X				
				Water																	
				Water																	
				Water																	
				Water																	
				Water																	
				Water																	
				Water																	

240-213553 Chain of Custody

Possible Hazard Identification
☐ Non-Hazard ☐ Flammable ☐ Skin Irritant ☐ Poison B ☐ Unknown ☐ Radiological

Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)
☐ Return To Client ☐ Disposal By Lab ☐ Archive For _____ Months

Deliverable Requested: I, II, III, IV, Other (specify)

Special Instructions/QC Requirements:

Empty Kit Relinquished by:	Date:	Time:	Method of Shipment:

Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company
Andrew Heilko	10/22/24 1445	AME		10/22/24 1444	EUR
Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company
	10-22-24 1610	EUR	JESSICA RIGDON	10-22-24 1610	EUR
Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company

Custody Seals Intact: Δ Yes Δ No	Custody Seal No.:	Cooler Temperature(s) °C and Other Remarks:

Eurofins – Cleveland Sample Receipt Form/Narrative **Login # : 213553**
Barberton Facility

Client August Mack Site Name

Cooler Received on 10 22 24 Opened on 10 23 24

Cooler unpacked by: JESSICA RIGDON

FedEx. 1st Grd Exp UPS FAS Waypoint Client Drop Off Eurofins Courier Other

Receipt After-hours Drop-off Date/Time Storage Location

Eurofins Cooler # EC Foam Box Client Cooler Box Other

Packing material used. Bubble Wrap Foam Plastic Bag None Other

COOLANT: Wet Ice Blue Ice Dry Ice Water None

1 Cooler temperature upon receipt ☒ See Multiple Cooler Form

IR GUN # 19 (CF +1.7 °C) Observed Cooler Temp. °C Corrected Cooler Temp °C

2. Were tamper/custody seals on the outside of the cooler(s)? If Yes Quantity	Yes (No)	**Tests that are not checked for pH by Receiving:**
-Were the seals on the outside of the cooler(s) signed & dated?	Yes No (NA)	
-Were tamper/custody seals on the bottle(s) or bottle kits (LLHg/MeHg)?	Yes (No)	**VOAs**
-Were tamper/custody seals intact and uncompromised?	Yes No (NA)	**Oil and Grease**
3 Shippers' packing slip attached to the cooler(s)?	Yes (No)	**TOC**
4. Did custody papers accompany the sample(s)?	(Yes) No	
5 Were the custody papers relinquished & signed in the appropriate place?	(Yes) No	
6. Was/were the person(s) who collected the samples clearly identified on the COC?	(Yes) No	
7 Did all bottles arrive in good condition (Unbroken)?	(Yes) No	
8 Could all bottle labels (ID/Date/Time) be reconciled with the COC?	(Yes) No	
9 For each sample, does the COC specify preservatives (Y/N), # of containers (Y/N), and sample type of grab/comp (Y/N)?		
10 Were correct bottle(s) used for the test(s) indicated?	(Yes) No	
11 Sufficient quantity received to perform indicated analyses?	(Yes) No	
12. Are these work share samples and all listed on the COC?	Yes (No)	
If yes, Questions 13-17 have been checked at the originating laboratory		
13 Were all preserved sample(s) at the correct pH upon receipt?	(Yes) No NA	pH Strip Lot# HC447997
14. Were VOAs on the COC?	(Yes) No	
15 Were air bubbles >6 mm in any VOA vials? ● ← Larger than this.	Yes (No) NA	
16 Was a VOA trip blank present in the cooler(s)? Trip Blank Lot #	Yes (No)	
17 Was a LL Hg or Me Hg trip blank present?	Yes (No)	

Contacted PM Date by via Verbal Voice Mail Other

Concerning

18. CHAIN OF CUSTODY & SAMPLE DISCREPANCIES ☐ additional next page

Samples processed by:

~~One container for~~ DWE 10 23 24
Diss Metals and Diss Hexachrome are listed on all four Samples. Dissolved parameters logged on Sample 3 and 4 only.
DWE 10 23-24

19. SAMPLE CONDITION

Sample(s) were received after the recommended holding time had expired.
Sample(s) were received in a broken container
Sample(s) were received with bubble >6 mm in diameter (Notify PM)

20. SAMPLE PRESERVATION

Sample(s) were further preserved in the laboratory
Time preserved. Preservative(s) added/Lot number(s)

VOA Sample Preservation - Date/Time VOAs Frozen.

Login # : 213553

11/5/2024

Eurofins - Cleveland Sample Receipt Multiple Cooler Form

Cooler Description (Circle)	IR Gun # (Circle)	Observed Temp °C	Corrected Temp °C	Coolant (Circle)
(EC) Client Box Other	IR GUN #: ~~19~~	4.4	6.1	(Wet Ice) Blue Ice Dry Ice Water None
(EC) Client Box Other	IR GUN #: ~~19~~	3.4	5.1	(Wet Ice) Blue Ice Dry Ice Water None
(EC) Client Box Other	IR GUN #: ~~19~~	4.2	5.9	(Wet Ice) Blue Ice Dry Ice Water None
(EC) Client Box Other	IR GUN #: ~~19~~	3.2	4.9	(Wet Ice) Blue Ice Dry Ice Water None
(EC) Client Box Other	IR GUN #: ~~19~~	2.7	4.4	(Wet Ice) Blue Ice Dry Ice Water None
(EC) Client Box Other	IR GUN #: ~~14~~	4.2	5.9	(Wet Ice) Blue Ice Dry Ice Water None
EC Client Box Other	IR GUN #:			Wet Ice

10/23/2024

Login Container Summary Report

240-213553

11/5/2024

Temperature readings _____

Client Sample ID	Lab ID	Container Type	Container pH	Container Temp	Preservation Added	Preservation Lot Number
SB-14-GW-18-28	240-213553-A-1	Voa Vial 40ml - Hydrochloric Acid				
SB-14-GW-18-28	240-213553-B-1	Voa Vial 40ml - Hydrochloric Acid				
SB-14-GW-18-28	240-213553-C-1	Voa Vial 40ml - Hydrochloric Acid				
SB-14-GW-18-28	240-213553-D-1	Amber Plastic 125 mL - NaOH	>12			
SB-14-GW-18-28	240-213553-E-1	Amber Glass 250ml - unpreserved				
SB-14-GW-18-28	240-213553-F-1	Amber Glass 250ml - unpreserved				
SB-14-GW-18-28	240-213553-G-1	Plastic 250ml - with Sodium Hydroxide	>12			
SB-14-GW-18-28	240-213553-H-1	Plastic 500ml - unpreserved				
SB-14-GW-18-28	240-213553-I-1	Plastic 500ml - with Nitric Acid	<2			
SB-14-GW-18-28	240-213553-J-1	Amber Glass 1 liter - unpreserved				
SB-14-GW-18-28	240-213553-K-1	Amber Glass 1 liter - unpreserved				
SB-12-GW-18-28	240-213553-A-2	Voa Vial 40ml - Hydrochloric Acid				
SB-12-GW-18-28	240-213553-B-2	Voa Vial 40ml - Hydrochloric Acid				
SB-12-GW-18-28	240-213553-C-2	Voa Vial 40ml - Hydrochloric Acid				
SB-12-GW-18-28	240-213553-D-2	Amber Plastic 125 mL - NaOH	>12			
SB-12-GW-18-28	240-213553-E-2	Amber Glass 250ml - unpreserved				
SB-12-GW-18-28	240-213553-F-2	Amber Glass 250ml - unpreserved				
SB-12-GW-18-28	240-213553-G-2	Plastic 250ml - with Sodium Hydroxide	>12			
SB-12-GW-18-28	240-213553-H-2	Plastic 500ml - unpreserved				
SB-12-GW-18-28	240-213553-I-2	Plastic 500ml - with Nitric Acid	<2			
SB-12-GW-18-28	240-213553-J-2	Amber Glass 1 liter - unpreserved				
SB-12-GW-18-28	240-213553-K-2	Amber Glass 1 liter - unpreserved				
SB-12-GW-18-28	240-213553-A-3	Plastic 500 mL - unpreserved - dis				
SB-12-GW-18-28	240-213553-B-3	Plastic 500ml - w/ Nitric - Dis	<2			
SB-14-GW-18-28	240-213553-A-4	Plastic 500 mL - unpreserved - dis				
SB-14-GW-18-28	240-213553-B-4	Plastic 500ml - w/ Nitric - Dis.	<2			

Eurofins Cleveland
180 S. Van Buren Avenue
Barberton, OH 44203
Phone: 330-497-9396 Fax: 330-497-0772

Chain of Custody Record

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Client Information (Sub Contract Lab)	Sampler: N/A	Lab PM: Kalis, Nicole A	Carrier Tracking No(s): N/A	COC No: 240-192638.1
Client Contact: Shipping/Receiving	Phone: N/A	E-Mail: Nicole.Kalis@et.eurofinsus.com	State of Origin: Ohio	Page: Page 1 of 1
Company: Eurofins Lancaster Laboratories Environm		Accreditations Required (See note): N/A		Job #: 240-213553-1
Address: 2425 New Holland Pike,	Due Date Requested: 11/4/2024	Analysis Requested		Preservation Codes: -
City: Lancaster	TAT Requested (days): N/A			
State, Zip: PA, 17601				
Phone: 717-656-2300(Tel)	PO #: N/A			
Email: N/A	WO #: N/A			
Project Name: MSC Canfield	Project #: 24033889			
Site: N/A	SSOW#: N/A			Other: N/A

Sample Identification - Client ID (Lab ID)	Sample Date	Sample Time	Sample Type (C=comp, G=grab)	Matrix (W=water, S=solid, O=waste/oil, BT=Tissue, A=Air)	Field Filtered Sample (Yes or No)	Perform MS/MSD (Yes or No)	1677_Free/ Cyanide, Free	Total Number of containers	Special Instructions/Note:
			Preservation Code:						
SB-14-GW-18-28 (240-213553-1)	10/22/24	12:15 Eastern	G	Water			X	1	Use caution! Site contaminated with solvent waste
SB-12-GW-18-28 (240-213553-2)	10/22/24	14:18 Eastern	G	Water			X	1	Use caution! Site contaminated with solvent waste

Note: Since laboratory accreditations are subject to change, Eurofins Environment Testing North Central, LLC places the ownership of method, analyte & accreditation compliance upon our subcontract laboratories. This sample shipment is forwarded under chain-of-custody. If the laboratory does not currently maintain accreditation in the State of Origin listed above for analysis/tests/matrix being analyzed, the samples must be shipped back to the Eurofins Environment Testing North Central, LLC laboratory or other instructions will be provided. Any changes to accreditation status should be brought to Eurofins Environment Testing North Central, LLC attention immediately. If all requested accreditations are current to date, return the signed Chain of Custody attesting to said compliance to Eurofins Environment Testing North Central, LLC.

Possible Hazard Identification	Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)
Unconfirmed	☐ Return To Client ☐ Disposal By Lab ☐ Archive For _____ Months
Deliverable Requested: I, II, III, IV, Other (specify) Primary Deliverable Rank: 2	Special Instructions/QC Requirements:

Empty Kit Relinquished by:	Date:	Time:	Method of Shipment:

	Relinquished by: JESSICA RIGDON	Date/Time: 10-23-24 1600	Company: EETNC	Received by:	Date/Time:	Company
	Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company
	Relinquished by:	Date/Time:	Company	Received by:	Date/Time: 10/24/24 09:40	Company: EETET

Custody Seals Intact: Δ Yes Δ No	Custody Seal No.:	Cooler Temperature(s) °C and Other Remarks: 20.5 - 20.1

Login Sample Receipt Checklist

Client: August Mack Environmental, Inc.

Job Number: 240-213553-1

Login Number: 213553
List Number: 2
Creator: Ballard, Megan

List Source: Eurofins Lancaster Laboratories Environment Testing, LLC
List Creation: 10/24/24 12:20 PM

Question	Answer	Comment
The cooler's custody seal is intact.	True	
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	True	
Cooler Temperature acceptable,where thermal pres is required(</=6C, not frozen).	True	
Cooler Temperature is recorded.	True	
WV:Container Temp acceptable,where thermal pres is required (</=6C, not frozen).	N/A	
WV: Container Temperature is recorded.	N/A	
COC is present.	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information.	True	
There are no discrepancies between the containers received and the COC.	True	
Sample containers have legible labels.	True	
Containers are not broken or leaking.	True	
Sample collection date/times are provided.	True	
Appropriate sample containers are used.	True	
Sample bottles are completely filled.	True	
There is sufficient vol. for all requested analyses.	True	
Is the Field Sampler's name present on COC?	False	Received project as a subcontract.
Sample custody seals are intact.	N/A	
VOA sample vials do not have headspace >6mm in diameter (none, if from WV)?	N/A	

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ANALYTICAL REPORT

PREPARED FOR

Attn: Kain Lager-Lowe
August Mack Environmental, Inc.
7830 North Central Drive, Suite B
Lewis Center, Ohio 43035

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JOB DESCRIPTION

MSC Canfield - N. Ditch Sampling

JOB NUMBER

240-213568-1

Eurofins Cleveland
180 S. Van Buren Avenue
Barberton OH 44203

See page two for job notes and contact information.

my EOL

Job Notes

This report may not be reproduced except in full, and with written approval from the laboratory. The results relate only to the samples tested. For questions please contact the Project Manager at the e-mail address or telephone number listed on this page.

The test results in this report relate only to the samples as received by the laboratory and will meet all requirements of the methodology, with any exceptions noted. This report shall not be reproduced except in full, without the express written approval of the laboratory. All questions should be directed to the Eurofins Environment Testing North Central, LLC Project Manager.

Authorization



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Authorized for release by
Nicole Kalis, Project Manager I
Nicole.Kalis@et.eurofinsus.com
(330)497-9396

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Client: August Mack Environmental, Inc.
Job ID: 240-213568-1
Project/Site: MSC Canfield - N. Ditch Sampling

Qualifiers

GC/MS VOA

Qualifier	Qualifier Description
J	Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.

GC/MS Semi VOA

Qualifier	Qualifier Description
J	Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.
S1-	Surrogate recovery exceeds control limits, low biased.

Metals

Qualifier	Qualifier Description
F1	MS and/or MSD recovery exceeds control limits.
J	Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.

General Chemistry

Qualifier	Qualifier Description
4	MS, MSD: The analyte present in the original sample is greater than 4 times the matrix spike concentration; therefore, control limits are not applicable.
F1	MS and/or MSD recovery exceeds control limits.
J	Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.

Glossary

Abbreviation	These commonly used abbreviations may or may not be present in this report.
☼	Listed under the "D" column to designate that the result is reported on a dry weight basis
%R	Percent Recovery
CFL	Contains Free Liquid
CFU	Colony Forming Unit
CNF	Contains No Free Liquid
DER	Duplicate Error Ratio (normalized absolute difference)
Dil Fac	Dilution Factor
DL	Detection Limit (DoD/DOE)
DL, RA, RE, IN	Indicates a Dilution, Re-analysis, Re-extraction, or additional Initial metals/anion analysis of the sample
DLC	Decision Level Concentration (Radiochemistry)
EDL	Estimated Detection Limit (Dioxin)
LOD	Limit of Detection (DoD/DOE)
LOQ	Limit of Quantitation (DoD/DOE)
MCL	EPA recommended "Maximum Contaminant Level"
MDA	Minimum Detectable Activity (Radiochemistry)
MDC	Minimum Detectable Concentration (Radiochemistry)
MDL	Method Detection Limit
ML	Minimum Level (Dioxin)
MPN	Most Probable Number
MQL	Method Quantitation Limit
NC	Not Calculated
ND	Not Detected at the reporting limit (or MDL or EDL if shown)
NEG	Negative / Absent
POS	Positive / Present
PQL	Practical Quantitation Limit
PRES	Presumptive
QC	Quality Control
RER	Relative Error Ratio (Radiochemistry)
RL	Reporting Limit or Requested Limit (Radiochemistry)
RPD	Relative Percent Difference, a measure of the relative difference between two points
TEF	Toxicity Equivalent Factor (Dioxin)
TEQ	Toxicity Equivalent Quotient (Dioxin)
TNTC	Too Numerous To Count

Job ID: 240-213568-1 Eurofins Cleveland

Job Narrative
240-213568-1

Analytical test results meet all requirements of the associated regulatory program listed on the Accreditation/Certification Summary Page unless otherwise noted under the individual analysis. Data qualifiers and/or narrative comments are included to explain any exceptions, if applicable.

- Matrix QC may not be reported if insufficient sample is provided or site-specific QC samples were not submitted. In these situations, to demonstrate precision and accuracy at a batch level, a LCS/LCSD may be performed, unless otherwise specified in the method.
- Surrogate and/or isotope dilution analyte recoveries (if applicable) which are outside of the QC window are confirmed unless attributed to a dilution or otherwise noted in the narrative.

Regulated compliance samples (e.g. SDWA, NPDES) must comply with the associated agency requirements/permits.

Receipt
The samples were received on 10/23/2024 4:10 PM. Unless otherwise noted below, the samples arrived in good condition, and, where required, properly preserved and on ice. The temperatures of the 2 coolers at receipt time were 9.0°C and 14.0°C.

GC/MS VOA
Method 8260D: The continuing calibration verification (CCV) analyzed in batch 240-633597 was outside the method criteria for the following analyte(s): Bromomethane. A CCV standard at or below the reporting limit (RL) was analyzed with the affected samples and found to be acceptable. As indicated in the reference method, sample analysis may proceed; however, any detection for the affected analyte(s) is considered estimated.

No additional analytical or quality issues were noted, other than those described above or in the Definitions/ Glossary page.

GC/MS Semi VOA
Method 8270E: Sample T2-1820-S-0.0 (240-213568-9) had an Acid surrogate out of control. However, since only BN compounds were requested no corrective action was required.

No additional analytical or quality issues were noted, other than those described above or in the Definitions/ Glossary page.

Metals
No additional analytical or quality issues were noted, other than those described above or in the Definitions/ Glossary page.

General Chemistry
No additional analytical or quality issues were noted, other than those described above or in the Definitions/ Glossary page.

Method Summary

Client: August Mack Environmental, Inc.
Project/Site: MSC Canfield - N. Ditch Sampling

Job ID: 240-213568-1

Method	Method Description	Protocol	Laboratory
8260D	Volatile Organic Compounds by GC/MS	SW846	EET CLE
8270E	Semivolatile Organic Compounds (GC/MS)	SW846	EET CLE
6010D	Metals (ICP)	SW846	EET CLE
7471B	Mercury (CVAA)	SW846	EET CLE
7196A	Chromium, Hexavalent	SW846	ELLE
9012B	Cyanide, Total andor Amenable	SW846	EET CLE
Moisture	Percent Moisture	EPA	EET CLE
OIA-1677	Cyanide, Free (Flow Injection)	OI CORP	ELLE
3050B	Preparation, Metals	SW846	EET CLE
3060A	Alkaline Digestion (Chromium, Hexavalent)	SW846	ELLE
3546	Microwave Extraction	SW846	EET CLE
5030C	Purge and Trap	SW846	EET CLE
7471B	Preparation, Mercury	SW846	EET CLE
9012B	Cyanide, Total and/or Amenable, Distillation	SW846	EET CLE
D3987-85	ASTM Leaching Procedure	ASTM	ELLE

Protocol References:

ASTM = ASTM International

EPA = US Environmental Protection Agency

OI CORP = OI Corporation Instrument Manual.

SW846 = "Test Methods For Evaluating Solid Waste, Physical/Chemical Methods", Third Edition, November 1986 And Its Updates.

Laboratory References:

EET CLE = Eurofins Cleveland, 180 S. Van Buren Avenue, Barberton, OH 44203, TEL (330)497-9396

ELLE = Eurofins Lancaster Laboratories Environment Testing, LLC, 2425 New Holland Pike, Lancaster, PA 17601, TEL (717)656-2300

Sample Summary

Client: August Mack Environmental, Inc.
Project/Site: MSC Canfield - N. Ditch Sampling

Job ID: 240-213568-1

Lab Sample ID	Client Sample ID	Matrix	Collected	Received
240-213568-1	T2-1625-S-2.0	Solid	10/23/24 08:40	10/23/24 16:10
240-213568-2	T2-1625-N-0.0	Solid	10/23/24 08:55	10/23/24 16:10
240-213568-3	T2-1625-N-2.0	Solid	10/23/24 09:05	10/23/24 16:10
240-213568-4	T2-1625-C-2.0	Solid	10/23/24 09:30	10/23/24 16:10
240-213568-5	T2-1750-S-0.0	Solid	10/23/24 10:00	10/23/24 16:10
240-213568-6	T2-1750-N-0.0	Solid	10/23/24 10:20	10/23/24 16:10
240-213568-7	T2-1820-C-1.0	Solid	10/23/24 10:45	10/23/24 16:10
240-213568-8	T2-1820-N-0.0	Solid	10/23/24 10:50	10/23/24 16:10
240-213568-9	T2-1820-S-0.0	Solid	10/23/24 11:15	10/23/24 16:10
240-213568-10	T2-1820-S-2.0	Solid	10/23/24 11:30	10/23/24 16:10
240-213568-11	T2-875-N-0.0	Solid	10/23/24 12:50	10/23/24 16:10
240-213568-12	T2-875-S-0.0	Solid	10/23/24 13:45	10/23/24 16:10
240-213568-13	T2-875-S-1.5	Solid	10/23/24 14:05	10/23/24 16:10
240-213568-14	TB-6-20241023	Water	10/23/24 14:20	10/23/24 16:10

Detection Summary

Client: August Mack Environmental, Inc.
Project/Site: MSC Canfield - N. Ditch Sampling

Job ID: 240-213568-1

Client Sample ID: T2-1625-S-2.0 — Lab Sample ID: 240-213568-1

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Benzo[a]anthracene	29	J	49	18	ug/Kg	1	☼	8270E	Total/NA
Benzo[a]pyrene	38	J	49	17	ug/Kg	1	☼	8270E	Total/NA
Benzo[b]fluoranthene	69		49	15	ug/Kg	1	☼	8270E	Total/NA
Benzo[g,h,i]perylene	41	J	49	33	ug/Kg	1	☼	8270E	Total/NA
Benzo[k]fluoranthene	18	J	49	12	ug/Kg	1	☼	8270E	Total/NA
Chrysene	55		49	17	ug/Kg	1	☼	8270E	Total/NA
Dibenz(a,h)anthracene	20	J	49	18	ug/Kg	1	☼	8270E	Total/NA
Fluoranthene	94		49	17	ug/Kg	1	☼	8270E	Total/NA
Indeno[1,2,3-cd]pyrene	27	J	49	15	ug/Kg	1	☼	8270E	Total/NA
Phenanthrene	37	J	49	16	ug/Kg	1	☼	8270E	Total/NA
Pyrene	70		49	19	ug/Kg	1	☼	8270E	Total/NA
Arsenic	8.6		1.8	0.38	mg/Kg	1	☼	6010D	Total/NA
Barium	93		24	0.15	mg/Kg	1	☼	6010D	Total/NA
Cadmium	0.10	J	0.61	0.058	mg/Kg	1	☼	6010D	Total/NA
Chromium	23		1.2	0.42	mg/Kg	1	☼	6010D	Total/NA
Copper	15		3.0	0.85	mg/Kg	1	☼	6010D	Total/NA
Lead	9.4		1.2	0.34	mg/Kg	1	☼	6010D	Total/NA
Zinc	84		6.1	4.4	mg/Kg	1	☼	6010D	Total/NA
Cyanide, Total	1.2		0.57	0.45	mg/Kg	1	☼	9012B	Total/NA

Client Sample ID: T2-1625-N-0.0 — Lab Sample ID: 240-213568-2

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Anthracene	41	J	68	20	ug/Kg	1	☼	8270E	Total/NA
Benzo[a]anthracene	210		68	25	ug/Kg	1	☼	8270E	Total/NA
Benzo[a]pyrene	280		68	24	ug/Kg	1	☼	8270E	Total/NA
Benzo[b]fluoranthene	520		68	20	ug/Kg	1	☼	8270E	Total/NA
Benzo[g,h,i]perylene	320		68	46	ug/Kg	1	☼	8270E	Total/NA
Benzo[k]fluoranthene	190		68	17	ug/Kg	1	☼	8270E	Total/NA
Chrysene	420		68	24	ug/Kg	1	☼	8270E	Total/NA
Dibenz(a,h)anthracene	61	J	68	25	ug/Kg	1	☼	8270E	Total/NA
Fluoranthene	820		68	24	ug/Kg	1	☼	8270E	Total/NA
Indeno[1,2,3-cd]pyrene	240		68	20	ug/Kg	1	☼	8270E	Total/NA
Phenanthrene	290		68	22	ug/Kg	1	☼	8270E	Total/NA
Pyrene	600		68	27	ug/Kg	1	☼	8270E	Total/NA
Arsenic	9.9		2.3	0.48	mg/Kg	1	☼	6010D	Total/NA
Barium	72		30	0.19	mg/Kg	1	☼	6010D	Total/NA
Cadmium	0.32	J	0.75	0.072	mg/Kg	1	☼	6010D	Total/NA
Chromium	24		1.5	0.52	mg/Kg	1	☼	6010D	Total/NA
Copper	9.6		3.8	1.1	mg/Kg	1	☼	6010D	Total/NA
Lead	21		1.5	0.42	mg/Kg	1	☼	6010D	Total/NA
Selenium	0.73	J	3.0	0.71	mg/Kg	1	☼	6010D	Total/NA
Zinc	2300		7.5	5.5	mg/Kg	1	☼	6010D	Total/NA
Mercury	0.043	J	0.17	0.030	mg/Kg	1	☼	7471B	Total/NA
Cyanide, Total	220		24	19	mg/Kg	25	☼	9012B	Total/NA
Cyanide, Free	0.0085		0.0060	0.0050	mg/L	1		OIA-1677	ASTM Leach

Client Sample ID: T2-1625-N-2.0 — Lab Sample ID: 240-213568-3

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Arsenic	50		1.7	0.35	mg/Kg	1	☼	6010D	Total/NA
Barium	40		22	0.14	mg/Kg	1	☼	6010D	Total/NA

This Detection Summary does not include radiochemical test results.

Eurofins Cleveland

Detection Summary

Client: August Mack Environmental, Inc.
Project/Site: MSC Canfield - N. Ditch Sampling

Job ID: 240-213568-1

Client Sample ID: T2-1625-N-2.0 (Continued)

Lab Sample ID: 240-213568-3

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Cadmium	0.054	J	0.56	0.054	mg/Kg	1	☼	6010D	Total/NA
Chromium	13		1.1	0.38	mg/Kg	1	☼	6010D	Total/NA
Copper	19		2.8	0.78	mg/Kg	1	☼	6010D	Total/NA
Lead	13		1.1	0.31	mg/Kg	1	☼	6010D	Total/NA
Zinc	58		5.6	4.0	mg/Kg	1	☼	6010D	Total/NA
Cyanide, Total	3.9		0.63	0.50	mg/Kg	1	☼	9012B	Total/NA

Client Sample ID: T2-1625-C-2.0

Lab Sample ID: 240-213568-4

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Arsenic	7.5		1.6	0.34	mg/Kg	1	☼	6010D	Total/NA
Barium	84		21	0.13	mg/Kg	1	☼	6010D	Total/NA
Cadmium	0.10	J	0.53	0.051	mg/Kg	1	☼	6010D	Total/NA
Chromium	20		1.1	0.37	mg/Kg	1	☼	6010D	Total/NA
Copper	13		2.7	0.75	mg/Kg	1	☼	6010D	Total/NA
Lead	6.5		1.1	0.30	mg/Kg	1	☼	6010D	Total/NA
Selenium	0.61	J	2.1	0.50	mg/Kg	1	☼	6010D	Total/NA
Zinc	58		5.3	3.9	mg/Kg	1	☼	6010D	Total/NA
Cyanide, Total	150		18	14	mg/Kg	25	☼	9012B	Total/NA
Cyanide, Free	0.0063		0.0060	0.0050	mg/L	1		OIA-1677	ASTM Leach

Client Sample ID: T2-1750-S-0.0

Lab Sample ID: 240-213568-5

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Anthracene	66	J	69	21	ug/Kg	1	☼	8270E	Total/NA
Benzo[a]anthracene	420		69	26	ug/Kg	1	☼	8270E	Total/NA
Benzo[a]pyrene	530		69	24	ug/Kg	1	☼	8270E	Total/NA
Benzo[b]fluoranthene	790		69	21	ug/Kg	1	☼	8270E	Total/NA
Benzo[g,h,i]perylene	480		69	46	ug/Kg	1	☼	8270E	Total/NA
Benzo[k]fluoranthene	290		69	17	ug/Kg	1	☼	8270E	Total/NA
Chrysene	630		69	24	ug/Kg	1	☼	8270E	Total/NA
Dibenz(a,h)anthracene	96		69	26	ug/Kg	1	☼	8270E	Total/NA
Fluoranthene	1300		69	24	ug/Kg	1	☼	8270E	Total/NA
Fluorene	27	J	69	24	ug/Kg	1	☼	8270E	Total/NA
Indeno[1,2,3-cd]pyrene	350		69	21	ug/Kg	1	☼	8270E	Total/NA
Naphthalene	42	J	69	22	ug/Kg	1	☼	8270E	Total/NA
Phenanthrene	490		69	22	ug/Kg	1	☼	8270E	Total/NA
Pyrene	1000		69	27	ug/Kg	1	☼	8270E	Total/NA
Arsenic	7.3		2.5	0.52	mg/Kg	1	☼	6010D	Total/NA
Barium	64		33	0.21	mg/Kg	1	☼	6010D	Total/NA
Cadmium	0.32	J	0.82	0.079	mg/Kg	1	☼	6010D	Total/NA
Chromium	20		1.6	0.56	mg/Kg	1	☼	6010D	Total/NA
Copper	18		4.1	1.1	mg/Kg	1	☼	6010D	Total/NA
Lead	19		1.6	0.46	mg/Kg	1	☼	6010D	Total/NA
Selenium	0.78	J	3.3	0.77	mg/Kg	1	☼	6010D	Total/NA
Zinc	220		8.2	5.9	mg/Kg	1	☼	6010D	Total/NA
Cr (VI)	0.49	J	0.71	0.24	mg/Kg	1	☼	7196A	Total/NA
Cyanide, Total	2.2		0.80	0.63	mg/Kg	1	☼	9012B	Total/NA

This Detection Summary does not include radiochemical test results.

Detection Summary

Client: August Mack Environmental, Inc.
Project/Site: MSC Canfield - N. Ditch Sampling

Job ID: 240-213568-1

Client Sample ID: T2-1750-N-0.0

Lab Sample ID: 240-213568-6

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Acenaphthene	48	J	53	19	ug/Kg	1	☼	8270E	Total/NA
Acenaphthylene	33	J	53	20	ug/Kg	1	☼	8270E	Total/NA
Anthracene	130		53	16	ug/Kg	1	☼	8270E	Total/NA
Benzo[a]anthracene	850		53	20	ug/Kg	1	☼	8270E	Total/NA
Benzo[a]pyrene	1200		53	19	ug/Kg	1	☼	8270E	Total/NA
Benzo[b]fluoranthene	1800		53	16	ug/Kg	1	☼	8270E	Total/NA
Benzo[g,h,i]perylene	1200		53	36	ug/Kg	1	☼	8270E	Total/NA
Benzo[k]fluoranthene	570		53	13	ug/Kg	1	☼	8270E	Total/NA
Chrysene	1400		53	19	ug/Kg	1	☼	8270E	Total/NA
Dibenz(a,h)anthracene	190		53	20	ug/Kg	1	☼	8270E	Total/NA
Fluoranthene	2700		53	19	ug/Kg	1	☼	8270E	Total/NA
Fluorene	47	J	53	19	ug/Kg	1	☼	8270E	Total/NA
Indeno[1,2,3-cd]pyrene	850		53	16	ug/Kg	1	☼	8270E	Total/NA
Naphthalene	42	J	53	17	ug/Kg	1	☼	8270E	Total/NA
Phenanthrene	1100		53	17	ug/Kg	1	☼	8270E	Total/NA
Pyrene	2100		53	21	ug/Kg	1	☼	8270E	Total/NA
Arsenic	11		1.6	0.34	mg/Kg	1	☼	6010D	Total/NA
Barium	68		22	0.14	mg/Kg	1	☼	6010D	Total/NA
Cadmium	0.34	J	0.54	0.052	mg/Kg	1	☼	6010D	Total/NA
Chromium	20		1.1	0.37	mg/Kg	1	☼	6010D	Total/NA
Copper	17		2.7	0.75	mg/Kg	1	☼	6010D	Total/NA
Lead	21		1.1	0.30	mg/Kg	1	☼	6010D	Total/NA
Selenium	1.1	J	2.2	0.50	mg/Kg	1	☼	6010D	Total/NA
Zinc	230		5.4	3.9	mg/Kg	1	☼	6010D	Total/NA
Mercury	0.038	J	0.12	0.022	mg/Kg	1	☼	7471B	Total/NA
Cr (VI)	0.46	J	0.56	0.19	mg/Kg	1	☼	7196A	Total/NA
Cyanide, Total	15		0.73	0.58	mg/Kg	1	☼	9012B	Total/NA
Cyanide, Free	0.0090		0.0060	0.0050	mg/L	1		OIA-1677	ASTM Leach

Client Sample ID: T2-1820-C-1.0

Lab Sample ID: 240-213568-7

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Acenaphthene	130		48	17	ug/Kg	1	☼	8270E	Total/NA
Anthracene	270		48	14	ug/Kg	1	☼	8270E	Total/NA
Benzo[a]anthracene	610		48	18	ug/Kg	1	☼	8270E	Total/NA
Benzo[a]pyrene	530		48	17	ug/Kg	1	☼	8270E	Total/NA
Benzo[b]fluoranthene	740		48	14	ug/Kg	1	☼	8270E	Total/NA
Benzo[g,h,i]perylene	370		48	33	ug/Kg	1	☼	8270E	Total/NA
Benzo[k]fluoranthene	290		48	12	ug/Kg	1	☼	8270E	Total/NA
Chrysene	760		48	17	ug/Kg	1	☼	8270E	Total/NA
Dibenz(a,h)anthracene	77		48	18	ug/Kg	1	☼	8270E	Total/NA
Fluoranthene	1900		48	17	ug/Kg	1	☼	8270E	Total/NA
Fluorene	150		48	17	ug/Kg	1	☼	8270E	Total/NA
Indeno[1,2,3-cd]pyrene	280		48	14	ug/Kg	1	☼	8270E	Total/NA
Phenanthrene	1500		48	16	ug/Kg	1	☼	8270E	Total/NA
Pyrene	1400		48	19	ug/Kg	1	☼	8270E	Total/NA
Arsenic	16		1.2	0.26	mg/Kg	1	☼	6010D	Total/NA
Barium	46		16	0.10	mg/Kg	1	☼	6010D	Total/NA
Cadmium	0.073	J	0.41	0.039	mg/Kg	1	☼	6010D	Total/NA
Chromium	12		0.82	0.28	mg/Kg	1	☼	6010D	Total/NA
Copper	15		2.0	0.57	mg/Kg	1	☼	6010D	Total/NA

This Detection Summary does not include radiochemical test results.

Client Sample ID: T2-1820-C-1.0 (Continued)

Lab Sample ID: 240-213568-7

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Lead	11		0.82	0.23	mg/Kg	1	☼	6010D	Total/NA
Zinc	92		4.1	3.0	mg/Kg	1	☼	6010D	Total/NA
Cyanide, Total	1.5		0.58	0.46	mg/Kg	1	☼	9012B	Total/NA

Client Sample ID: T2-1820-N-0.0

Lab Sample ID: 240-213568-8

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Acenaphthene	370		310	110	ug/Kg	5	☼	8270E	Total/NA
Anthracene	1300		310	92	ug/Kg	5	☼	8270E	Total/NA
Benzo[a]anthracene	4900		310	120	ug/Kg	5	☼	8270E	Total/NA
Benzo[a]pyrene	5500		310	110	ug/Kg	5	☼	8270E	Total/NA
Benzo[b]fluoranthene	7700		310	92	ug/Kg	5	☼	8270E	Total/NA
Benzo[g,h,i]perylene	4000		310	210	ug/Kg	5	☼	8270E	Total/NA
Benzo[k]fluoranthene	3000		310	77	ug/Kg	5	☼	8270E	Total/NA
Chrysene	6600		310	110	ug/Kg	5	☼	8270E	Total/NA
Dibenz(a,h)anthracene	930		310	120	ug/Kg	5	☼	8270E	Total/NA
Fluoranthene	17000		310	110	ug/Kg	5	☼	8270E	Total/NA
Fluorene	600		310	110	ug/Kg	5	☼	8270E	Total/NA
Indeno[1,2,3-cd]pyrene	3300		310	92	ug/Kg	5	☼	8270E	Total/NA
Phenanthrene	9600		310	100	ug/Kg	5	☼	8270E	Total/NA
Pyrene	12000		310	120	ug/Kg	5	☼	8270E	Total/NA
Arsenic	7.8		2.2	0.47	mg/Kg	1	☼	6010D	Total/NA
Barium	64		30	0.19	mg/Kg	1	☼	6010D	Total/NA
Cadmium	0.24	J	0.74	0.071	mg/Kg	1	☼	6010D	Total/NA
Chromium	20		1.5	0.51	mg/Kg	1	☼	6010D	Total/NA
Copper	16		3.7	1.0	mg/Kg	1	☼	6010D	Total/NA
Lead	16		1.5	0.42	mg/Kg	1	☼	6010D	Total/NA
Zinc	160		7.4	5.4	mg/Kg	1	☼	6010D	Total/NA
Cyanide, Total	11		0.79	0.62	mg/Kg	1	☼	9012B	Total/NA

Client Sample ID: T2-1820-S-0.0

Lab Sample ID: 240-213568-9

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Acenaphthene	41	J	52	18	ug/Kg	1	☼	8270E	Total/NA
Anthracene	130		52	15	ug/Kg	1	☼	8270E	Total/NA
Benzo[a]anthracene	570		52	19	ug/Kg	1	☼	8270E	Total/NA
Benzo[a]pyrene	710		52	18	ug/Kg	1	☼	8270E	Total/NA
Benzo[b]fluoranthene	1000		52	15	ug/Kg	1	☼	8270E	Total/NA
Benzo[g,h,i]perylene	540		52	35	ug/Kg	1	☼	8270E	Total/NA
Benzo[k]fluoranthene	390		52	13	ug/Kg	1	☼	8270E	Total/NA
Chrysene	890		52	18	ug/Kg	1	☼	8270E	Total/NA
Dibenz(a,h)anthracene	100		52	19	ug/Kg	1	☼	8270E	Total/NA
Fluoranthene	2000		52	18	ug/Kg	1	☼	8270E	Total/NA
Fluorene	57		52	18	ug/Kg	1	☼	8270E	Total/NA
Indeno[1,2,3-cd]pyrene	420		52	15	ug/Kg	1	☼	8270E	Total/NA
Phenanthrene	1000		52	17	ug/Kg	1	☼	8270E	Total/NA
Pyrene	1400		52	21	ug/Kg	1	☼	8270E	Total/NA
Arsenic	16		1.6	0.33	mg/Kg	1	☼	6010D	Total/NA
Barium	82		21	0.13	mg/Kg	1	☼	6010D	Total/NA
Cadmium	0.088	J	0.52	0.050	mg/Kg	1	☼	6010D	Total/NA
Chromium	16		1.0	0.36	mg/Kg	1	☼	6010D	Total/NA
Copper	17		2.6	0.73	mg/Kg	1	☼	6010D	Total/NA

This Detection Summary does not include radiochemical test results.

Client Sample ID: T2-1820-S-0.0 (Continued)

Lab Sample ID: 240-213568-9

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Lead	14		1.0	0.29	mg/Kg	1	☼	6010D	Total/NA
Selenium	0.49	J	2.1	0.49	mg/Kg	1	☼	6010D	Total/NA
Zinc	150		5.2	3.8	mg/Kg	1	☼	6010D	Total/NA
Cyanide, Total	1.4		0.64	0.51	mg/Kg	1	☼	9012B	Total/NA

Client Sample ID: T2-1820-S-2.0

Lab Sample ID: 240-213568-10

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Acenaphthene	31	J	48	17	ug/Kg	1	☼	8270E	Total/NA
Anthracene	54		48	14	ug/Kg	1	☼	8270E	Total/NA
Benzo[a]anthracene	190		48	18	ug/Kg	1	☼	8270E	Total/NA
Benzo[a]pyrene	170		48	17	ug/Kg	1	☼	8270E	Total/NA
Benzo[b]fluoranthene	250		48	14	ug/Kg	1	☼	8270E	Total/NA
Benzo[g,h,i]perylene	93		48	32	ug/Kg	1	☼	8270E	Total/NA
Benzo[k]fluoranthene	94		48	12	ug/Kg	1	☼	8270E	Total/NA
Chrysene	220		48	17	ug/Kg	1	☼	8270E	Total/NA
Dibenz(a,h)anthracene	36	J	48	18	ug/Kg	1	☼	8270E	Total/NA
Fluoranthene	570		48	17	ug/Kg	1	☼	8270E	Total/NA
Fluorene	38	J	48	17	ug/Kg	1	☼	8270E	Total/NA
Indeno[1,2,3-cd]pyrene	80		48	14	ug/Kg	1	☼	8270E	Total/NA
Phenanthrene	380		48	16	ug/Kg	1	☼	8270E	Total/NA
Pyrene	390		48	19	ug/Kg	1	☼	8270E	Total/NA
Arsenic	12		1.5	0.32	mg/Kg	1	☼	6010D	Total/NA
Barium	39		20	0.13	mg/Kg	1	☼	6010D	Total/NA
Cadmium	0.083	J	0.51	0.049	mg/Kg	1	☼	6010D	Total/NA
Chromium	11		1.0	0.35	mg/Kg	1	☼	6010D	Total/NA
Copper	19		2.5	0.71	mg/Kg	1	☼	6010D	Total/NA
Lead	11		1.0	0.29	mg/Kg	1	☼	6010D	Total/NA
Zinc	61		5.1	3.7	mg/Kg	1	☼	6010D	Total/NA

Client Sample ID: T2-875-N-0.0

Lab Sample ID: 240-213568-11

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Arsenic	13		1.7	0.36	mg/Kg	1	☼	6010D	Total/NA
Barium	16	J	23	0.15	mg/Kg	1	☼	6010D	Total/NA
Chromium	7.5		1.2	0.40	mg/Kg	1	☼	6010D	Total/NA
Copper	14		2.9	0.81	mg/Kg	1	☼	6010D	Total/NA
Lead	10		1.2	0.33	mg/Kg	1	☼	6010D	Total/NA
Zinc	160	F1	5.8	4.2	mg/Kg	1	☼	6010D	Total/NA
Cyanide, Total	24		0.60	0.48	mg/Kg	1	☼	9012B	Total/NA
Cyanide, Free	0.0074	F1	0.0060	0.0050	mg/L	1		OIA-1677	ASTM Leach

Client Sample ID: T2-875-S-0.0

Lab Sample ID: 240-213568-12

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Acenaphthene	31	J	60	21	ug/Kg	1	☼	8270E	Total/NA
Anthracene	99		60	18	ug/Kg	1	☼	8270E	Total/NA
Benzo[a]anthracene	550		60	23	ug/Kg	1	☼	8270E	Total/NA
Benzo[a]pyrene	740		60	21	ug/Kg	1	☼	8270E	Total/NA
Benzo[b]fluoranthene	1200		60	18	ug/Kg	1	☼	8270E	Total/NA
Benzo[g,h,i]perylene	530		60	41	ug/Kg	1	☼	8270E	Total/NA
Benzo[k]fluoranthene	380		60	15	ug/Kg	1	☼	8270E	Total/NA

This Detection Summary does not include radiochemical test results.

Client Sample ID: T2-875-S-0.0 (Continued)

Lab Sample ID: 240-213568-12

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Chrysene	810		60	21	ug/Kg	1	☼	8270E	Total/NA
Dibenz(a,h)anthracene	110		60	23	ug/Kg	1	☼	8270E	Total/NA
Fluoranthene	1600		60	21	ug/Kg	1	☼	8270E	Total/NA
Fluorene	31	J	60	21	ug/Kg	1	☼	8270E	Total/NA
Indeno[1,2,3-cd]pyrene	400		60	18	ug/Kg	1	☼	8270E	Total/NA
Naphthalene	37	J	60	20	ug/Kg	1	☼	8270E	Total/NA
Phenanthrene	570		60	20	ug/Kg	1	☼	8270E	Total/NA
Pyrene	1200		60	24	ug/Kg	1	☼	8270E	Total/NA
Arsenic	11		2.3	0.48	mg/Kg	1	☼	6010D	Total/NA
Barium	74		30	0.19	mg/Kg	1	☼	6010D	Total/NA
Cadmium	0.40	J	0.76	0.073	mg/Kg	1	☼	6010D	Total/NA
Chromium	23		1.5	0.52	mg/Kg	1	☼	6010D	Total/NA
Copper	9.7		3.8	1.1	mg/Kg	1	☼	6010D	Total/NA
Lead	22		1.5	0.43	mg/Kg	1	☼	6010D	Total/NA
Selenium	0.78	J	3.0	0.71	mg/Kg	1	☼	6010D	Total/NA
Zinc	1300		7.6	5.5	mg/Kg	1	☼	6010D	Total/NA
Mercury	0.032	J	0.17	0.031	mg/Kg	1	☼	7471B	Total/NA
Cyanide, Total	160		20	16	mg/Kg	25	☼	9012B	Total/NA
Cyanide, Free	0.010		0.0060	0.0050	mg/L	1		OIA-1677	ASTM Leach

Client Sample ID: T2-875-S-1.5

Lab Sample ID: 240-213568-13

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Benzo[a]anthracene	24	J	50	19	ug/Kg	1	☼	8270E	Total/NA
Benzo[a]pyrene	20	J	50	18	ug/Kg	1	☼	8270E	Total/NA
Benzo[b]fluoranthene	41	J	50	15	ug/Kg	1	☼	8270E	Total/NA
Chrysene	34	J	50	18	ug/Kg	1	☼	8270E	Total/NA
Fluoranthene	45	J	50	18	ug/Kg	1	☼	8270E	Total/NA
Indeno[1,2,3-cd]pyrene	17	J	50	15	ug/Kg	1	☼	8270E	Total/NA
Phenanthrene	18	J	50	16	ug/Kg	1	☼	8270E	Total/NA
Pyrene	39	J	50	20	ug/Kg	1	☼	8270E	Total/NA
Arsenic	19		1.5	0.32	mg/Kg	1	☼	6010D	Total/NA
Barium	29		20	0.13	mg/Kg	1	☼	6010D	Total/NA
Chromium	9.1		1.0	0.34	mg/Kg	1	☼	6010D	Total/NA
Copper	18		2.5	0.70	mg/Kg	1	☼	6010D	Total/NA
Lead	11		1.0	0.28	mg/Kg	1	☼	6010D	Total/NA
Zinc	53		5.0	3.6	mg/Kg	1	☼	6010D	Total/NA
Cyanide, Total	8.2		0.69	0.55	mg/Kg	1	☼	9012B	Total/NA

Client Sample ID: TB-6-20241023

Lab Sample ID: 240-213568-14

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
2-Butanone (MEK)	1.3	J	10	1.2	ug/L	1		8260D	Total/NA
Acetone	5.5	J	10	5.4	ug/L	1		8260D	Total/NA

This Detection Summary does not include radiochemical test results.

Client: August Mack Environmental, Inc.
Project/Site: MSC Canfield - N. Ditch Sampling

Job ID: 240-213568-1

Client Sample ID: T2-1625-S-2.0
Date Collected: 10/23/24 08:40
Date Received: 10/23/24 16:10

Lab Sample ID: 240-213568-1
Matrix: Solid
Percent Solids: 81.3

Method: SW846 8270E - Semivolatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acenaphthene	ND		49	17	ug/Kg	☼	10/24/24 10:07	10/28/24 16:47	1
Acenaphthylene	ND		49	18	ug/Kg	☼	10/24/24 10:07	10/28/24 16:47	1
Anthracene	ND		49	15	ug/Kg	☼	10/24/24 10:07	10/28/24 16:47	1
Benzo[a]anthracene	**29**	**J**	49	18	ug/Kg	☼	10/24/24 10:07	10/28/24 16:47	1
Benzo[a]pyrene	**38**	**J**	49	17	ug/Kg	☼	10/24/24 10:07	10/28/24 16:47	1
Benzo[b]fluoranthene	**69**		49	15	ug/Kg	☼	10/24/24 10:07	10/28/24 16:47	1
Benzo[g,h,i]perylene	**41**	**J**	49	33	ug/Kg	☼	10/24/24 10:07	10/28/24 16:47	1
Benzo[k]fluoranthene	**18**	**J**	49	12	ug/Kg	☼	10/24/24 10:07	10/28/24 16:47	1
Chrysene	**55**		49	17	ug/Kg	☼	10/24/24 10:07	10/28/24 16:47	1
Dibenz(a,h)anthracene	**20**	**J**	49	18	ug/Kg	☼	10/24/24 10:07	10/28/24 16:47	1
Fluoranthene	**94**		49	17	ug/Kg	☼	10/24/24 10:07	10/28/24 16:47	1
Fluorene	ND		49	17	ug/Kg	☼	10/24/24 10:07	10/28/24 16:47	1
Indeno[1,2,3-cd]pyrene	**27**	**J**	49	15	ug/Kg	☼	10/24/24 10:07	10/28/24 16:47	1
Naphthalene	ND		49	16	ug/Kg	☼	10/24/24 10:07	10/28/24 16:47	1
Phenanthrene	**37**	**J**	49	16	ug/Kg	☼	10/24/24 10:07	10/28/24 16:47	1
Pyrene	**70**		49	19	ug/Kg	☼	10/24/24 10:07	10/28/24 16:47	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2,4,6-Tribromophenol (Surr)	*47*		*10 - 120*	*10/24/24 10:07*	*10/28/24 16:47*	*1*
2-Fluorobiphenyl (Surr)	*80*		*36 - 120*	*10/24/24 10:07*	*10/28/24 16:47*	*1*
2-Fluorophenol (Surr)	*86*		*26 - 120*	*10/24/24 10:07*	*10/28/24 16:47*	*1*
Nitrobenzene-d5 (Surr)	*80*		*28 - 120*	*10/24/24 10:07*	*10/28/24 16:47*	*1*
Phenol-d5 (Surr)	*90*		*29 - 120*	*10/24/24 10:07*	*10/28/24 16:47*	*1*
Terphenyl-d14 (Surr)	*74*		*37 - 120*	*10/24/24 10:07*	*10/28/24 16:47*	*1*

Method: SW846 6010D - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	**8.6**		1.8	0.38	mg/Kg	☼	10/24/24 15:00	10/26/24 03:17	1
Barium	**93**		24	0.15	mg/Kg	☼	10/24/24 15:00	10/26/24 03:17	1
Cadmium	**0.10**	**J**	0.61	0.058	mg/Kg	☼	10/24/24 15:00	10/26/24 03:17	1
Chromium	**23**		1.2	0.42	mg/Kg	☼	10/24/24 15:00	10/26/24 03:17	1
Copper	**15**		3.0	0.85	mg/Kg	☼	10/24/24 15:00	10/26/24 03:17	1
Lead	**9.4**		1.2	0.34	mg/Kg	☼	10/24/24 15:00	10/26/24 03:17	1
Selenium	ND		2.4	0.57	mg/Kg	☼	10/24/24 15:00	10/26/24 03:17	1
Silver	ND		1.2	0.099	mg/Kg	☼	10/24/24 15:00	10/26/24 03:17	1
Zinc	**84**		6.1	4.4	mg/Kg	☼	10/24/24 15:00	10/26/24 03:17	1

Method: SW846 7471B - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	ND		0.11	0.020	mg/Kg	☼	10/24/24 15:00	10/25/24 09:58	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cr (VI) (SW846 7196A)	ND		0.52	0.17	mg/Kg	☼	11/05/24 12:51	11/06/24 18:34	1
Cyanide, Total (SW846 9012B)	**1.2**		0.57	0.45	mg/Kg	☼	11/04/24 14:48	11/04/24 16:57	1

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Solids (EPA Moisture)	**81.3**		0.1	0.1	%			10/24/24 16:18	1
Percent Moisture (EPA Moisture)	**18.7**		0.1	0.1	%			10/24/24 16:18	1

Client: August Mack Environmental, Inc.
Job ID: 240-213568-1
Project/Site: MSC Canfield - N. Ditch Sampling

Client Sample ID: T2-1625-S-2.0
Lab Sample ID: 240-213568-1
Date Collected: 10/23/24 08:40
Matrix: Solid
Date Received: 10/23/24 16:10
Percent Solids: 81.3

General Chemistry - ASTM Leach

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cyanide, Free (OI CORP OIA-1677)	ND		0.0060	0.0050	mg/L			11/06/24 13:12	1

Client Sample ID: T2-1625-N-0.0
Lab Sample ID: 240-213568-2
Date Collected: 10/23/24 08:55
Matrix: Solid
Date Received: 10/23/24 16:10
Percent Solids: 58.2

Method: SW846 8270E - Semivolatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acenaphthene	ND		68	24	ug/Kg	☼	10/24/24 10:07	10/28/24 17:10	1
Acenaphthylene	ND		68	25	ug/Kg	☼	10/24/24 10:07	10/28/24 17:10	1
Anthracene	**41**	**J**	68	20	ug/Kg	☼	10/24/24 10:07	10/28/24 17:10	1
Benzo[a]anthracene	**210**		68	25	ug/Kg	☼	10/24/24 10:07	10/28/24 17:10	1
Benzo[a]pyrene	**280**		68	24	ug/Kg	☼	10/24/24 10:07	10/28/24 17:10	1
Benzo[b]fluoranthene	**520**		68	20	ug/Kg	☼	10/24/24 10:07	10/28/24 17:10	1
Benzo[g,h,i]perylene	**320**		68	46	ug/Kg	☼	10/24/24 10:07	10/28/24 17:10	1
Benzo[k]fluoranthene	**190**		68	17	ug/Kg	☼	10/24/24 10:07	10/28/24 17:10	1
Chrysene	**420**		68	24	ug/Kg	☼	10/24/24 10:07	10/28/24 17:10	1
Dibenz(a,h)anthracene	**61**	**J**	68	25	ug/Kg	☼	10/24/24 10:07	10/28/24 17:10	1
Fluoranthene	**820**		68	24	ug/Kg	☼	10/24/24 10:07	10/28/24 17:10	1
Fluorene	ND		68	24	ug/Kg	☼	10/24/24 10:07	10/28/24 17:10	1
Indeno[1,2,3-cd]pyrene	**240**		68	20	ug/Kg	☼	10/24/24 10:07	10/28/24 17:10	1
Naphthalene	ND		68	22	ug/Kg	☼	10/24/24 10:07	10/28/24 17:10	1
Phenanthrene	**290**		68	22	ug/Kg	☼	10/24/24 10:07	10/28/24 17:10	1
Pyrene	**600**		68	27	ug/Kg	☼	10/24/24 10:07	10/28/24 17:10	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2,4,6-Tribromophenol (Surr)	*59*		*10 - 120*	*10/24/24 10:07*	*10/28/24 17:10*	*1*
2-Fluorobiphenyl (Surr)	*73*		*36 - 120*	*10/24/24 10:07*	*10/28/24 17:10*	*1*
2-Fluorophenol (Surr)	*73*		*26 - 120*	*10/24/24 10:07*	*10/28/24 17:10*	*1*
Nitrobenzene-d5 (Surr)	*71*		*28 - 120*	*10/24/24 10:07*	*10/28/24 17:10*	*1*
Phenol-d5 (Surr)	*77*		*29 - 120*	*10/24/24 10:07*	*10/28/24 17:10*	*1*
Terphenyl-d14 (Surr)	*59*		*37 - 120*	*10/24/24 10:07*	*10/28/24 17:10*	*1*

Method: SW846 6010D - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	**9.9**		2.3	0.48	mg/Kg	☼	10/24/24 15:00	10/26/24 03:21	1
Barium	**72**		30	0.19	mg/Kg	☼	10/24/24 15:00	10/26/24 03:21	1
Cadmium	**0.32**	**J**	0.75	0.072	mg/Kg	☼	10/24/24 15:00	10/26/24 03:21	1
Chromium	**24**		1.5	0.52	mg/Kg	☼	10/24/24 15:00	10/26/24 03:21	1
Copper	**9.6**		3.8	1.1	mg/Kg	☼	10/24/24 15:00	10/26/24 03:21	1
Lead	**21**		1.5	0.42	mg/Kg	☼	10/24/24 15:00	10/26/24 03:21	1
Selenium	**0.73**	**J**	3.0	0.71	mg/Kg	☼	10/24/24 15:00	10/26/24 03:21	1
Silver	ND		1.5	0.12	mg/Kg	☼	10/24/24 15:00	10/26/24 03:21	1
Zinc	**2300**		7.5	5.5	mg/Kg	☼	10/24/24 15:00	10/26/24 03:21	1

Method: SW846 7471B - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	**0.043**	**J**	0.17	0.030	mg/Kg	☼	10/24/24 15:00	10/25/24 09:59	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cr (VI) (SW846 7196A)	ND		0.72	0.24	mg/Kg	☼	11/05/24 12:51	11/06/24 18:34	1
Cyanide, Total (SW846 9012B)	**220**		24	19	mg/Kg	☼	11/04/24 14:48	11/04/24 17:02	25

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Solids (EPA Moisture)	**58.2**		0.1	0.1	%			10/24/24 16:18	1
Percent Moisture (EPA Moisture)	**41.8**		0.1	0.1	%			10/24/24 16:18	1

Client: August Mack Environmental, Inc.
Project/Site: MSC Canfield - N. Ditch Sampling

Job ID: 240-213568-1

Client Sample ID: T2-1625-N-0.0
Date Collected: 10/23/24 08:55
Date Received: 10/23/24 16:10

Lab Sample ID: 240-213568-2
Matrix: Solid
Percent Solids: 58.2

General Chemistry - ASTM Leach

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cyanide, Free (OI CORP OIA-1677)	0.0085		0.0060	0.0050	mg/L			11/06/24 13:10	1

Client: August Mack Environmental, Inc.
Project/Site: MSC Canfield - N. Ditch Sampling

Job ID: 240-213568-1

Client Sample ID: T2-1625-N-2.0
Date Collected: 10/23/24 09:05
Date Received: 10/23/24 16:10

Lab Sample ID: 240-213568-3
Matrix: Solid
Percent Solids: 76.5

Method: SW846 8270E - Semivolatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acenaphthene	ND		52	18	ug/Kg	☼	10/24/24 10:07	10/28/24 19:53	1
Acenaphthylene	ND		52	20	ug/Kg	☼	10/24/24 10:07	10/28/24 19:53	1
Anthracene	ND		52	16	ug/Kg	☼	10/24/24 10:07	10/28/24 19:53	1
Benzo[a]anthracene	ND		52	20	ug/Kg	☼	10/24/24 10:07	10/28/24 19:53	1
Benzo[a]pyrene	ND		52	18	ug/Kg	☼	10/24/24 10:07	10/28/24 19:53	1
Benzo[b]fluoranthene	ND		52	16	ug/Kg	☼	10/24/24 10:07	10/28/24 19:53	1
Benzo[g,h,i]perylene	ND		52	35	ug/Kg	☼	10/24/24 10:07	10/28/24 19:53	1
Benzo[k]fluoranthene	ND		52	13	ug/Kg	☼	10/24/24 10:07	10/28/24 19:53	1
Chrysene	ND		52	18	ug/Kg	☼	10/24/24 10:07	10/28/24 19:53	1
Dibenz(a,h)anthracene	ND		52	20	ug/Kg	☼	10/24/24 10:07	10/28/24 19:53	1
Fluoranthene	ND		52	18	ug/Kg	☼	10/24/24 10:07	10/28/24 19:53	1
Fluorene	ND		52	18	ug/Kg	☼	10/24/24 10:07	10/28/24 19:53	1
Indeno[1,2,3-cd]pyrene	ND		52	16	ug/Kg	☼	10/24/24 10:07	10/28/24 19:53	1
Naphthalene	ND		52	17	ug/Kg	☼	10/24/24 10:07	10/28/24 19:53	1
Phenanthrene	ND		52	17	ug/Kg	☼	10/24/24 10:07	10/28/24 19:53	1
Pyrene	ND		52	21	ug/Kg	☼	10/24/24 10:07	10/28/24 19:53	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2,4,6-Tribromophenol (Surr)	*28*		*10 - 120*	*10/24/24 10:07*	*10/28/24 19:53*	*1*
2-Fluorobiphenyl (Surr)	*71*		*36 - 120*	*10/24/24 10:07*	*10/28/24 19:53*	*1*
2-Fluorophenol (Surr)	*71*		*26 - 120*	*10/24/24 10:07*	*10/28/24 19:53*	*1*
Nitrobenzene-d5 (Surr)	*71*		*28 - 120*	*10/24/24 10:07*	*10/28/24 19:53*	*1*
Phenol-d5 (Surr)	*74*		*29 - 120*	*10/24/24 10:07*	*10/28/24 19:53*	*1*
Terphenyl-d14 (Surr)	*64*		*37 - 120*	*10/24/24 10:07*	*10/28/24 19:53*	*1*

Method: SW846 6010D - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	**50**		1.7	0.35	mg/Kg	☼	10/24/24 15:00	10/26/24 03:25	1
Barium	**40**		22	0.14	mg/Kg	☼	10/24/24 15:00	10/26/24 03:25	1
Cadmium	**0.054**	**J**	0.56	0.054	mg/Kg	☼	10/24/24 15:00	10/26/24 03:25	1
Chromium	**13**		1.1	0.38	mg/Kg	☼	10/24/24 15:00	10/26/24 03:25	1
Copper	**19**		2.8	0.78	mg/Kg	☼	10/24/24 15:00	10/26/24 03:25	1
Lead	**13**		1.1	0.31	mg/Kg	☼	10/24/24 15:00	10/26/24 03:25	1
Selenium	ND		2.2	0.52	mg/Kg	☼	10/24/24 15:00	10/26/24 03:25	1
Silver	ND		1.1	0.090	mg/Kg	☼	10/24/24 15:00	10/26/24 03:25	1
Zinc	**58**		5.6	4.0	mg/Kg	☼	10/24/24 15:00	10/26/24 03:25	1

Method: SW846 7471B - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	ND		0.13	0.023	mg/Kg	☼	10/24/24 15:00	10/25/24 10:01	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cr (VI) (SW846 7196A)	ND		0.54	0.18	mg/Kg	☼	11/05/24 12:51	11/06/24 18:34	1
Cyanide, Total (SW846 9012B)	**3.9**		0.63	0.50	mg/Kg	☼	11/04/24 14:48	11/04/24 17:08	1

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Solids (EPA Moisture)	**76.5**		0.1	0.1	%			10/24/24 16:18	1
Percent Moisture (EPA Moisture)	**23.5**		0.1	0.1	%			10/24/24 16:18	1

Client: August Mack Environmental, Inc.
Job ID: 240-213568-1
Project/Site: MSC Canfield - N. Ditch Sampling

Client Sample ID: T2-1625-N-2.0
Lab Sample ID: 240-213568-3
Date Collected: 10/23/24 09:05
Matrix: Solid
Date Received: 10/23/24 16:10
Percent Solids: 76.5

General Chemistry - ASTM Leach

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cyanide, Free (OI CORP OIA-1677)	ND		0.0060	0.0050	mg/L			11/06/24 12:55	1

Client Sample ID: T2-1625-C-2.0
Date Collected: 10/23/24 09:30
Date Received: 10/23/24 16:10

Lab Sample ID: 240-213568-4
Matrix: Solid
Percent Solids: 75.1

Method: SW846 8270E - Semivolatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acenaphthene	ND		52	18	ug/Kg	☼	10/24/24 10:07	10/25/24 16:07	1
Acenaphthylene	ND		52	20	ug/Kg	☼	10/24/24 10:07	10/25/24 16:07	1
Anthracene	ND		52	16	ug/Kg	☼	10/24/24 10:07	10/25/24 16:07	1
Benzo[a]anthracene	ND		52	20	ug/Kg	☼	10/24/24 10:07	10/25/24 16:07	1
Benzo[a]pyrene	ND		52	18	ug/Kg	☼	10/24/24 10:07	10/25/24 16:07	1
Benzo[b]fluoranthene	ND		52	16	ug/Kg	☼	10/24/24 10:07	10/25/24 16:07	1
Benzo[g,h,i]perylene	ND		52	35	ug/Kg	☼	10/24/24 10:07	10/25/24 16:07	1
Benzo[k]fluoranthene	ND		52	13	ug/Kg	☼	10/24/24 10:07	10/25/24 16:07	1
Chrysene	ND		52	18	ug/Kg	☼	10/24/24 10:07	10/25/24 16:07	1
Dibenz(a,h)anthracene	ND		52	20	ug/Kg	☼	10/24/24 10:07	10/25/24 16:07	1
Fluoranthene	ND		52	18	ug/Kg	☼	10/24/24 10:07	10/25/24 16:07	1
Fluorene	ND		52	18	ug/Kg	☼	10/24/24 10:07	10/25/24 16:07	1
Indeno[1,2,3-cd]pyrene	ND		52	16	ug/Kg	☼	10/24/24 10:07	10/25/24 16:07	1
Naphthalene	ND		52	17	ug/Kg	☼	10/24/24 10:07	10/25/24 16:07	1
Phenanthrene	ND		52	17	ug/Kg	☼	10/24/24 10:07	10/25/24 16:07	1
Pyrene	ND		52	21	ug/Kg	☼	10/24/24 10:07	10/25/24 16:07	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2,4,6-Tribromophenol (Surr)	*37*		*10 - 120*	*10/24/24 10:07*	*10/25/24 16:07*	*1*
2-Fluorobiphenyl (Surr)	*74*		*36 - 120*	*10/24/24 10:07*	*10/25/24 16:07*	*1*
2-Fluorophenol (Surr)	*75*		*26 - 120*	*10/24/24 10:07*	*10/25/24 16:07*	*1*
Nitrobenzene-d5 (Surr)	*73*		*28 - 120*	*10/24/24 10:07*	*10/25/24 16:07*	*1*
Phenol-d5 (Surr)	*78*		*29 - 120*	*10/24/24 10:07*	*10/25/24 16:07*	*1*
Terphenyl-d14 (Surr)	*68*		*37 - 120*	*10/24/24 10:07*	*10/25/24 16:07*	*1*

Method: SW846 6010D - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	**7.5**		1.6	0.34	mg/Kg	☼	10/24/24 15:00	10/26/24 03:38	1
Barium	**84**		21	0.13	mg/Kg	☼	10/24/24 15:00	10/26/24 03:38	1
Cadmium	**0.10**	**J**	0.53	0.051	mg/Kg	☼	10/24/24 15:00	10/26/24 03:38	1
Chromium	**20**		1.1	0.37	mg/Kg	☼	10/24/24 15:00	10/26/24 03:38	1
Copper	**13**		2.7	0.75	mg/Kg	☼	10/24/24 15:00	10/26/24 03:38	1
Lead	**6.5**		1.1	0.30	mg/Kg	☼	10/24/24 15:00	10/26/24 03:38	1
Selenium	**0.61**	**J**	2.1	0.50	mg/Kg	☼	10/24/24 15:00	10/26/24 03:38	1
Silver	ND		1.1	0.086	mg/Kg	☼	10/24/24 15:00	10/26/24 03:38	1
Zinc	**58**		5.3	3.9	mg/Kg	☼	10/24/24 15:00	10/26/24 03:38	1

Method: SW846 7471B - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	ND		0.15	0.027	mg/Kg	☼	10/24/24 15:00	10/25/24 10:03	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cr (VI) (SW846 7196A)	ND		0.56	0.19	mg/Kg	☼	11/05/24 12:51	11/06/24 18:34	1
Cyanide, Total (SW846 9012B)	**150**		18	14	mg/Kg	☼	11/04/24 14:48	11/04/24 17:12	25

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Solids (EPA Moisture)	**75.1**		0.1	0.1	%			10/24/24 16:18	1
Percent Moisture (EPA Moisture)	**24.9**		0.1	0.1	%			10/24/24 16:18	1

Client: August Mack Environmental, Inc.
Job ID: 240-213568-1
Project/Site: MSC Canfield - N. Ditch Sampling

Client Sample ID: T2-1625-C-2.0
Lab Sample ID: 240-213568-4
Date Collected: 10/23/24 09:30
Matrix: Solid
Date Received: 10/23/24 16:10
Percent Solids: 75.1

General Chemistry - ASTM Leach

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cyanide, Free (OI CORP OIA-1677)	0.0063		0.0060	0.0050	mg/L			11/09/24 16:58	1

Client Sample ID: T2-1750-S-0.0
Date Collected: 10/23/24 10:00
Date Received: 10/23/24 16:10

Lab Sample ID: 240-213568-5
Matrix: Solid
Percent Solids: 58.1

Method: SW846 8270E - Semivolatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acenaphthene	ND		69	24	ug/Kg	☼	10/24/24 10:07	10/28/24 17:33	1
Acenaphthylene	ND		69	26	ug/Kg	☼	10/24/24 10:07	10/28/24 17:33	1
Anthracene	66	J	69	21	ug/Kg	☼	10/24/24 10:07	10/28/24 17:33	1
Benzo[a]anthracene	420		69	26	ug/Kg	☼	10/24/24 10:07	10/28/24 17:33	1
Benzo[a]pyrene	530		69	24	ug/Kg	☼	10/24/24 10:07	10/28/24 17:33	1
Benzo[b]fluoranthene	790		69	21	ug/Kg	☼	10/24/24 10:07	10/28/24 17:33	1
Benzo[g,h,i]perylene	480		69	46	ug/Kg	☼	10/24/24 10:07	10/28/24 17:33	1
Benzo[k]fluoranthene	290		69	17	ug/Kg	☼	10/24/24 10:07	10/28/24 17:33	1
Chrysene	630		69	24	ug/Kg	☼	10/24/24 10:07	10/28/24 17:33	1
Dibenz(a,h)anthracene	96		69	26	ug/Kg	☼	10/24/24 10:07	10/28/24 17:33	1
Fluoranthene	1300		69	24	ug/Kg	☼	10/24/24 10:07	10/28/24 17:33	1
Fluorene	27	J	69	24	ug/Kg	☼	10/24/24 10:07	10/28/24 17:33	1
Indeno[1,2,3-cd]pyrene	350		69	21	ug/Kg	☼	10/24/24 10:07	10/28/24 17:33	1
Naphthalene	42	J	69	22	ug/Kg	☼	10/24/24 10:07	10/28/24 17:33	1
Phenanthrene	490		69	22	ug/Kg	☼	10/24/24 10:07	10/28/24 17:33	1
Pyrene	1000		69	27	ug/Kg	☼	10/24/24 10:07	10/28/24 17:33	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2,4,6-Tribromophenol (Surr)	*62*		*10 - 120*	*10/24/24 10:07*	*10/28/24 17:33*	*1*
2-Fluorobiphenyl (Surr)	*76*		*36 - 120*	*10/24/24 10:07*	*10/28/24 17:33*	*1*
2-Fluorophenol (Surr)	*79*		*26 - 120*	*10/24/24 10:07*	*10/28/24 17:33*	*1*
Nitrobenzene-d5 (Surr)	*73*		*28 - 120*	*10/24/24 10:07*	*10/28/24 17:33*	*1*
Phenol-d5 (Surr)	*83*		*29 - 120*	*10/24/24 10:07*	*10/28/24 17:33*	*1*
Terphenyl-d14 (Surr)	*69*		*37 - 120*	*10/24/24 10:07*	*10/28/24 17:33*	*1*

Method: SW846 6010D - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	7.3		2.5	0.52	mg/Kg	☼	10/24/24 15:00	10/26/24 03:42	1
Barium	64		33	0.21	mg/Kg	☼	10/24/24 15:00	10/26/24 03:42	1
Cadmium	0.32	J	0.82	0.079	mg/Kg	☼	10/24/24 15:00	10/26/24 03:42	1
Chromium	20		1.6	0.56	mg/Kg	☼	10/24/24 15:00	10/26/24 03:42	1
Copper	18		4.1	1.1	mg/Kg	☼	10/24/24 15:00	10/26/24 03:42	1
Lead	19		1.6	0.46	mg/Kg	☼	10/24/24 15:00	10/26/24 03:42	1
Selenium	0.78	J	3.3	0.77	mg/Kg	☼	10/24/24 15:00	10/26/24 03:42	1
Silver	ND		1.6	0.13	mg/Kg	☼	10/24/24 15:00	10/26/24 03:42	1
Zinc	220		8.2	5.9	mg/Kg	☼	10/24/24 15:00	10/26/24 03:42	1

Method: SW846 7471B - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	ND		0.19	0.034	mg/Kg	☼	10/24/24 15:00	10/25/24 10:04	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cr (VI) (SW846 7196A)	0.49	J	0.71	0.24	mg/Kg	☼	11/05/24 12:51	11/06/24 18:34	1
Cyanide, Total (SW846 9012B)	2.2		0.80	0.63	mg/Kg	☼	11/04/24 14:48	11/04/24 17:14	1

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Solids (EPA Moisture)	58.1		0.1	0.1	%			10/24/24 16:18	1
Percent Moisture (EPA Moisture)	41.9		0.1	0.1	%			10/24/24 16:18	1

Client: August Mack Environmental, Inc.
Job ID: 240-213568-1
Project/Site: MSC Canfield - N. Ditch Sampling

Client Sample ID: T2-1750-S-0.0
Lab Sample ID: 240-213568-5
Date Collected: 10/23/24 10:00
Matrix: Solid
Date Received: 10/23/24 16:10
Percent Solids: 58.1

General Chemistry - ASTM Leach

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cyanide, Free (OI CORP OIA-1677)	ND		0.0060	0.0050	mg/L			11/10/24 15:52	1

Client: August Mack Environmental, Inc.
Project/Site: MSC Canfield - N. Ditch Sampling

Job ID: 240-213568-1

Client Sample ID: T2-1750-N-0.0
Date Collected: 10/23/24 10:20
Date Received: 10/23/24 16:10

Lab Sample ID: 240-213568-6
Matrix: Solid
Percent Solids: 74.4

Method: SW846 8270E - Semivolatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acenaphthene	48	J	53	19	ug/Kg	☼	10/24/24 10:07	10/28/24 17:57	1
Acenaphthylene	33	J	53	20	ug/Kg	☼	10/24/24 10:07	10/28/24 17:57	1
Anthracene	130		53	16	ug/Kg	☼	10/24/24 10:07	10/28/24 17:57	1
Benzo[a]anthracene	850		53	20	ug/Kg	☼	10/24/24 10:07	10/28/24 17:57	1
Benzo[a]pyrene	1200		53	19	ug/Kg	☼	10/24/24 10:07	10/28/24 17:57	1
Benzo[b]fluoranthene	1800		53	16	ug/Kg	☼	10/24/24 10:07	10/28/24 17:57	1
Benzo[g,h,i]perylene	1200		53	36	ug/Kg	☼	10/24/24 10:07	10/28/24 17:57	1
Benzo[k]fluoranthene	570		53	13	ug/Kg	☼	10/24/24 10:07	10/28/24 17:57	1
Chrysene	1400		53	19	ug/Kg	☼	10/24/24 10:07	10/28/24 17:57	1
Dibenz(a,h)anthracene	190		53	20	ug/Kg	☼	10/24/24 10:07	10/28/24 17:57	1
Fluoranthene	2700		53	19	ug/Kg	☼	10/24/24 10:07	10/28/24 17:57	1
Fluorene	47	J	53	19	ug/Kg	☼	10/24/24 10:07	10/28/24 17:57	1
Indeno[1,2,3-cd]pyrene	850		53	16	ug/Kg	☼	10/24/24 10:07	10/28/24 17:57	1
Naphthalene	42	J	53	17	ug/Kg	☼	10/24/24 10:07	10/28/24 17:57	1
Phenanthrene	1100		53	17	ug/Kg	☼	10/24/24 10:07	10/28/24 17:57	1
Pyrene	2100		53	21	ug/Kg	☼	10/24/24 10:07	10/28/24 17:57	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2,4,6-Tribromophenol (Surr)	*74*		*10 - 120*	*10/24/24 10:07*	*10/28/24 17:57*	*1*
2-Fluorobiphenyl (Surr)	*83*		*36 - 120*	*10/24/24 10:07*	*10/28/24 17:57*	*1*
2-Fluorophenol (Surr)	*75*		*26 - 120*	*10/24/24 10:07*	*10/28/24 17:57*	*1*
Nitrobenzene-d5 (Surr)	*76*		*28 - 120*	*10/24/24 10:07*	*10/28/24 17:57*	*1*
Phenol-d5 (Surr)	*82*		*29 - 120*	*10/24/24 10:07*	*10/28/24 17:57*	*1*
Terphenyl-d14 (Surr)	*71*		*37 - 120*	*10/24/24 10:07*	*10/28/24 17:57*	*1*

Method: SW846 6010D - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	11		1.6	0.34	mg/Kg	☼	10/24/24 15:00	10/26/24 03:47	1
Barium	68		22	0.14	mg/Kg	☼	10/24/24 15:00	10/26/24 03:47	1
Cadmium	0.34	J	0.54	0.052	mg/Kg	☼	10/24/24 15:00	10/26/24 03:47	1
Chromium	20		1.1	0.37	mg/Kg	☼	10/24/24 15:00	10/26/24 03:47	1
Copper	17		2.7	0.75	mg/Kg	☼	10/24/24 15:00	10/26/24 03:47	1
Lead	21		1.1	0.30	mg/Kg	☼	10/24/24 15:00	10/26/24 03:47	1
Selenium	1.1	J	2.2	0.50	mg/Kg	☼	10/24/24 15:00	10/26/24 03:47	1
Silver	ND		1.1	0.087	mg/Kg	☼	10/24/24 15:00	10/26/24 03:47	1
Zinc	230		5.4	3.9	mg/Kg	☼	10/24/24 15:00	10/26/24 03:47	1

Method: SW846 7471B - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.038	J	0.12	0.022	mg/Kg	☼	10/24/24 15:00	10/25/24 10:10	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cr (VI) (SW846 7196A)	0.46	J	0.56	0.19	mg/Kg	☼	11/05/24 12:51	11/06/24 18:34	1
Cyanide, Total (SW846 9012B)	15		0.73	0.58	mg/Kg	☼	11/04/24 14:48	11/04/24 17:15	1

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Solids (EPA Moisture)	74.4		0.1	0.1	%			10/24/24 16:18	1
Percent Moisture (EPA Moisture)	25.6		0.1	0.1	%			10/24/24 16:18	1

Client: August Mack Environmental, Inc.
Job ID: 240-213568-1
Project/Site: MSC Canfield - N. Ditch Sampling

Client Sample ID: T2-1750-N-0.0
Lab Sample ID: 240-213568-6
Date Collected: 10/23/24 10:20
Matrix: Solid
Date Received: 10/23/24 16:10
Percent Solids: 74.4

General Chemistry - ASTM Leach

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cyanide, Free (OI CORP OIA-1677)	0.0090		0.0060	0.0050	mg/L			11/09/24 17:05	1

Client Sample ID: T2-1820-C-1.0
Date Collected: 10/23/24 10:45
Date Received: 10/23/24 16:10

Lab Sample ID: 240-213568-7
Matrix: Solid
Percent Solids: 82.8

Method: SW846 8270E - Semivolatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acenaphthene	130		48	17	ug/Kg	☼	10/24/24 10:07	10/28/24 20:17	1
Acenaphthylene	ND		48	18	ug/Kg	☼	10/24/24 10:07	10/28/24 20:17	1
Anthracene	270		48	14	ug/Kg	☼	10/24/24 10:07	10/28/24 20:17	1
Benzo[a]anthracene	610		48	18	ug/Kg	☼	10/24/24 10:07	10/28/24 20:17	1
Benzo[a]pyrene	530		48	17	ug/Kg	☼	10/24/24 10:07	10/28/24 20:17	1
Benzo[b]fluoranthene	740		48	14	ug/Kg	☼	10/24/24 10:07	10/28/24 20:17	1
Benzo[g,h,i]perylene	370		48	33	ug/Kg	☼	10/24/24 10:07	10/28/24 20:17	1
Benzo[k]fluoranthene	290		48	12	ug/Kg	☼	10/24/24 10:07	10/28/24 20:17	1
Chrysene	760		48	17	ug/Kg	☼	10/24/24 10:07	10/28/24 20:17	1
Dibenz(a,h)anthracene	77		48	18	ug/Kg	☼	10/24/24 10:07	10/28/24 20:17	1
Fluoranthene	1900		48	17	ug/Kg	☼	10/24/24 10:07	10/28/24 20:17	1
Fluorene	150		48	17	ug/Kg	☼	10/24/24 10:07	10/28/24 20:17	1
Indeno[1,2,3-cd]pyrene	280		48	14	ug/Kg	☼	10/24/24 10:07	10/28/24 20:17	1
Naphthalene	ND		48	16	ug/Kg	☼	10/24/24 10:07	10/28/24 20:17	1
Phenanthrene	1500		48	16	ug/Kg	☼	10/24/24 10:07	10/28/24 20:17	1
Pyrene	1400		48	19	ug/Kg	☼	10/24/24 10:07	10/28/24 20:17	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2,4,6-Tribromophenol (Surr)	*51*		*10 - 120*	*10/24/24 10:07*	*10/28/24 20:17*	*1*
2-Fluorobiphenyl (Surr)	*73*		*36 - 120*	*10/24/24 10:07*	*10/28/24 20:17*	*1*
2-Fluorophenol (Surr)	*73*		*26 - 120*	*10/24/24 10:07*	*10/28/24 20:17*	*1*
Nitrobenzene-d5 (Surr)	*71*		*28 - 120*	*10/24/24 10:07*	*10/28/24 20:17*	*1*
Phenol-d5 (Surr)	*75*		*29 - 120*	*10/24/24 10:07*	*10/28/24 20:17*	*1*
Terphenyl-d14 (Surr)	*67*		*37 - 120*	*10/24/24 10:07*	*10/28/24 20:17*	*1*

Method: SW846 6010D - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	16		1.2	0.26	mg/Kg	☼	10/24/24 15:00	10/26/24 03:51	1
Barium	46		16	0.10	mg/Kg	☼	10/24/24 15:00	10/26/24 03:51	1
Cadmium	0.073	J	0.41	0.039	mg/Kg	☼	10/24/24 15:00	10/26/24 03:51	1
Chromium	12		0.82	0.28	mg/Kg	☼	10/24/24 15:00	10/26/24 03:51	1
Copper	15		2.0	0.57	mg/Kg	☼	10/24/24 15:00	10/26/24 03:51	1
Lead	11		0.82	0.23	mg/Kg	☼	10/24/24 15:00	10/26/24 03:51	1
Selenium	ND		1.6	0.38	mg/Kg	☼	10/24/24 15:00	10/26/24 03:51	1
Silver	ND		0.82	0.066	mg/Kg	☼	10/24/24 15:00	10/26/24 03:51	1
Zinc	92		4.1	3.0	mg/Kg	☼	10/24/24 15:00	10/26/24 03:51	1

Method: SW846 7471B - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	ND		0.11	0.019	mg/Kg	☼	10/24/24 15:00	10/25/24 10:11	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cr (VI) (SW846 7196A)	ND		0.51	0.17	mg/Kg	☼	11/05/24 12:51	11/06/24 18:34	1
Cyanide, Total (SW846 9012B)	1.5		0.58	0.46	mg/Kg	☼	11/04/24 14:48	11/04/24 17:35	1

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Solids (EPA Moisture)	82.8		0.1	0.1	%			10/24/24 16:18	1
Percent Moisture (EPA Moisture)	17.2		0.1	0.1	%			10/24/24 16:18	1

Client: August Mack Environmental, Inc.
Job ID: 240-213568-1
Project/Site: MSC Canfield - N. Ditch Sampling

Client Sample ID: T2-1820-C-1.0
Lab Sample ID: 240-213568-7
Date Collected: 10/23/24 10:45
Matrix: Solid
Date Received: 10/23/24 16:10
Percent Solids: 82.8

General Chemistry - ASTM Leach

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cyanide, Free (OI CORP OIA-1677)	ND		0.0060	0.0050	mg/L			11/06/24 12:50	1

Client Sample ID: T2-1820-N-0.0
Date Collected: 10/23/24 10:50
Date Received: 10/23/24 16:10

Lab Sample ID: 240-213568-8
Matrix: Solid
Percent Solids: 63.5

Method: SW846 8270E - Semivolatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acenaphthene	370		310	110	ug/Kg	☼	10/24/24 10:07	10/25/24 18:29	5
Acenaphthylene	ND		310	120	ug/Kg	☼	10/24/24 10:07	10/25/24 18:29	5
Anthracene	1300		310	92	ug/Kg	☼	10/24/24 10:07	10/25/24 18:29	5
Benzo[a]anthracene	4900		310	120	ug/Kg	☼	10/24/24 10:07	10/25/24 18:29	5
Benzo[a]pyrene	5500		310	110	ug/Kg	☼	10/24/24 10:07	10/25/24 18:29	5
Benzo[b]fluoranthene	7700		310	92	ug/Kg	☼	10/24/24 10:07	10/25/24 18:29	5
Benzo[g,h,i]perylene	4000		310	210	ug/Kg	☼	10/24/24 10:07	10/25/24 18:29	5
Benzo[k]fluoranthene	3000		310	77	ug/Kg	☼	10/24/24 10:07	10/25/24 18:29	5
Chrysene	6600		310	110	ug/Kg	☼	10/24/24 10:07	10/25/24 18:29	5
Dibenz(a,h)anthracene	930		310	120	ug/Kg	☼	10/24/24 10:07	10/25/24 18:29	5
Fluoranthene	17000		310	110	ug/Kg	☼	10/24/24 10:07	10/25/24 18:29	5
Fluorene	600		310	110	ug/Kg	☼	10/24/24 10:07	10/25/24 18:29	5
Indeno[1,2,3-cd]pyrene	3300		310	92	ug/Kg	☼	10/24/24 10:07	10/25/24 18:29	5
Naphthalene	ND		310	100	ug/Kg	☼	10/24/24 10:07	10/25/24 18:29	5
Phenanthrene	9600		310	100	ug/Kg	☼	10/24/24 10:07	10/25/24 18:29	5
Pyrene	12000		310	120	ug/Kg	☼	10/24/24 10:07	10/25/24 18:29	5

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2,4,6-Tribromophenol (Surr)	*68*		*10 - 120*	*10/24/24 10:07*	*10/25/24 18:29*	*5*
2-Fluorobiphenyl (Surr)	*82*		*36 - 120*	*10/24/24 10:07*	*10/25/24 18:29*	*5*
2-Fluorophenol (Surr)	*81*		*26 - 120*	*10/24/24 10:07*	*10/25/24 18:29*	*5*
Nitrobenzene-d5 (Surr)	*73*		*28 - 120*	*10/24/24 10:07*	*10/25/24 18:29*	*5*
Phenol-d5 (Surr)	*89*		*29 - 120*	*10/24/24 10:07*	*10/25/24 18:29*	*5*
Terphenyl-d14 (Surr)	*76*		*37 - 120*	*10/24/24 10:07*	*10/25/24 18:29*	*5*

Method: SW846 6010D - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	7.8		2.2	0.47	mg/Kg	☼	10/24/24 15:00	10/26/24 03:55	1
Barium	64		30	0.19	mg/Kg	☼	10/24/24 15:00	10/26/24 03:55	1
Cadmium	0.24	J	0.74	0.071	mg/Kg	☼	10/24/24 15:00	10/26/24 03:55	1
Chromium	20		1.5	0.51	mg/Kg	☼	10/24/24 15:00	10/26/24 03:55	1
Copper	16		3.7	1.0	mg/Kg	☼	10/24/24 15:00	10/26/24 03:55	1
Lead	16		1.5	0.42	mg/Kg	☼	10/24/24 15:00	10/26/24 03:55	1
Selenium	ND		3.0	0.70	mg/Kg	☼	10/24/24 15:00	10/26/24 03:55	1
Silver	ND		1.5	0.12	mg/Kg	☼	10/24/24 15:00	10/26/24 03:55	1
Zinc	160		7.4	5.4	mg/Kg	☼	10/24/24 15:00	10/26/24 03:55	1

Method: SW846 7471B - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	ND		0.14	0.025	mg/Kg	☼	10/24/24 15:00	10/25/24 10:13	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cr (VI) (SW846 7196A)	ND		0.65	0.22	mg/Kg	☼	11/05/24 12:51	11/06/24 18:34	1
Cyanide, Total (SW846 9012B)	11		0.79	0.62	mg/Kg	☼	11/04/24 14:48	11/04/24 17:36	1

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Solids (EPA Moisture)	63.5		0.1	0.1	%			10/24/24 16:18	1
Percent Moisture (EPA Moisture)	36.5		0.1	0.1	%			10/24/24 16:18	1

Client: August Mack Environmental, Inc.
Job ID: 240-213568-1
Project/Site: MSC Canfield - N. Ditch Sampling

Client Sample ID: T2-1820-N-0.0
Lab Sample ID: 240-213568-8
Date Collected: 10/23/24 10:50
Matrix: Solid
Date Received: 10/23/24 16:10
Percent Solids: 63.5

General Chemistry - ASTM Leach

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cyanide, Free (OI CORP OIA-1677)	ND		0.0060	0.0050	mg/L			11/09/24 17:03	1

Client: August Mack Environmental, Inc.
Project/Site: MSC Canfield - N. Ditch Sampling

Job ID: 240-213568-1

Client Sample ID: T2-1820-S-0.0
Date Collected: 10/23/24 11:15
Date Received: 10/23/24 16:10

Lab Sample ID: 240-213568-9
Matrix: Solid
Percent Solids: 77.8

Method: SW846 8270E - Semivolatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acenaphthene	41	J	52	18	ug/Kg	☼	10/24/24 10:07	10/28/24 20:40	1
Acenaphthylene	ND		52	19	ug/Kg	☼	10/24/24 10:07	10/28/24 20:40	1
Anthracene	130		52	15	ug/Kg	☼	10/24/24 10:07	10/28/24 20:40	1
Benzo[a]anthracene	570		52	19	ug/Kg	☼	10/24/24 10:07	10/28/24 20:40	1
Benzo[a]pyrene	710		52	18	ug/Kg	☼	10/24/24 10:07	10/28/24 20:40	1
Benzo[b]fluoranthene	1000		52	15	ug/Kg	☼	10/24/24 10:07	10/28/24 20:40	1
Benzo[g,h,i]perylene	540		52	35	ug/Kg	☼	10/24/24 10:07	10/28/24 20:40	1
Benzo[k]fluoranthene	390		52	13	ug/Kg	☼	10/24/24 10:07	10/28/24 20:40	1
Chrysene	890		52	18	ug/Kg	☼	10/24/24 10:07	10/28/24 20:40	1
Dibenz(a,h)anthracene	100		52	19	ug/Kg	☼	10/24/24 10:07	10/28/24 20:40	1
Fluoranthene	2000		52	18	ug/Kg	☼	10/24/24 10:07	10/28/24 20:40	1
Fluorene	57		52	18	ug/Kg	☼	10/24/24 10:07	10/28/24 20:40	1
Indeno[1,2,3-cd]pyrene	420		52	15	ug/Kg	☼	10/24/24 10:07	10/28/24 20:40	1
Naphthalene	ND		52	17	ug/Kg	☼	10/24/24 10:07	10/28/24 20:40	1
Phenanthrene	1000		52	17	ug/Kg	☼	10/24/24 10:07	10/28/24 20:40	1
Pyrene	1400		52	21	ug/Kg	☼	10/24/24 10:07	10/28/24 20:40	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2,4,6-Tribromophenol (Surr)	*9*	*S1-*	*10 - 120*	*10/24/24 10:07*	*10/28/24 20:40*	*1*
2-Fluorobiphenyl (Surr)	*73*		*36 - 120*	*10/24/24 10:07*	*10/28/24 20:40*	*1*
2-Fluorophenol (Surr)	*68*		*26 - 120*	*10/24/24 10:07*	*10/28/24 20:40*	*1*
Nitrobenzene-d5 (Surr)	*71*		*28 - 120*	*10/24/24 10:07*	*10/28/24 20:40*	*1*
Phenol-d5 (Surr)	*72*		*29 - 120*	*10/24/24 10:07*	*10/28/24 20:40*	*1*
Terphenyl-d14 (Surr)	*69*		*37 - 120*	*10/24/24 10:07*	*10/28/24 20:40*	*1*

Method: SW846 6010D - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	16		1.6	0.33	mg/Kg	☼	10/24/24 15:00	10/26/24 04:00	1
Barium	82		21	0.13	mg/Kg	☼	10/24/24 15:00	10/26/24 04:00	1
Cadmium	0.088	J	0.52	0.050	mg/Kg	☼	10/24/24 15:00	10/26/24 04:00	1
Chromium	16		1.0	0.36	mg/Kg	☼	10/24/24 15:00	10/26/24 04:00	1
Copper	17		2.6	0.73	mg/Kg	☼	10/24/24 15:00	10/26/24 04:00	1
Lead	14		1.0	0.29	mg/Kg	☼	10/24/24 15:00	10/26/24 04:00	1
Selenium	0.49	J	2.1	0.49	mg/Kg	☼	10/24/24 15:00	10/26/24 04:00	1
Silver	ND		1.0	0.084	mg/Kg	☼	10/24/24 15:00	10/26/24 04:00	1
Zinc	150		5.2	3.8	mg/Kg	☼	10/24/24 15:00	10/26/24 04:00	1

Method: SW846 7471B - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	ND		0.13	0.023	mg/Kg	☼	10/24/24 15:00	10/25/24 10:15	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cr (VI) (SW846 7196A)	ND		0.52	0.17	mg/Kg	☼	11/05/24 12:51	11/06/24 18:34	1
Cyanide, Total (SW846 9012B)	1.4		0.64	0.51	mg/Kg	☼	11/05/24 11:32	11/05/24 14:01	1

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Solids (EPA Moisture)	77.8		0.1	0.1	%			10/24/24 16:18	1
Percent Moisture (EPA Moisture)	22.2		0.1	0.1	%			10/24/24 16:18	1

Client: August Mack Environmental, Inc.
Job ID: 240-213568-1
Project/Site: MSC Canfield - N. Ditch Sampling

Client Sample ID: T2-1820-S-0.0
Lab Sample ID: 240-213568-9
Date Collected: 10/23/24 11:15
Matrix: Solid
Date Received: 10/23/24 16:10
Percent Solids: 77.8

General Chemistry - ASTM Leach

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cyanide, Free (OI CORP OIA-1677)	ND		0.0060	0.0050	mg/L			11/10/24 15:49	1

Client Sample ID: T2-1820-S-2.0
Date Collected: 10/23/24 11:30
Date Received: 10/23/24 16:10

Lab Sample ID: 240-213568-10
Matrix: Solid
Percent Solids: 82.6

Method: SW846 8270E - Semivolatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acenaphthene	31	J	48	17	ug/Kg	☼	10/24/24 10:07	10/25/24 23:37	1
Acenaphthylene	ND		48	18	ug/Kg	☼	10/24/24 10:07	10/25/24 23:37	1
Anthracene	54		48	14	ug/Kg	☼	10/24/24 10:07	10/25/24 23:37	1
Benzo[a]anthracene	190		48	18	ug/Kg	☼	10/24/24 10:07	10/25/24 23:37	1
Benzo[a]pyrene	170		48	17	ug/Kg	☼	10/24/24 10:07	10/25/24 23:37	1
Benzo[b]fluoranthene	250		48	14	ug/Kg	☼	10/24/24 10:07	10/25/24 23:37	1
Benzo[g,h,i]perylene	93		48	32	ug/Kg	☼	10/24/24 10:07	10/25/24 23:37	1
Benzo[k]fluoranthene	94		48	12	ug/Kg	☼	10/24/24 10:07	10/25/24 23:37	1
Chrysene	220		48	17	ug/Kg	☼	10/24/24 10:07	10/25/24 23:37	1
Dibenz(a,h)anthracene	36	J	48	18	ug/Kg	☼	10/24/24 10:07	10/25/24 23:37	1
Fluoranthene	570		48	17	ug/Kg	☼	10/24/24 10:07	10/25/24 23:37	1
Fluorene	38	J	48	17	ug/Kg	☼	10/24/24 10:07	10/25/24 23:37	1
Indeno[1,2,3-cd]pyrene	80		48	14	ug/Kg	☼	10/24/24 10:07	10/25/24 23:37	1
Naphthalene	ND		48	16	ug/Kg	☼	10/24/24 10:07	10/25/24 23:37	1
Phenanthrene	380		48	16	ug/Kg	☼	10/24/24 10:07	10/25/24 23:37	1
Pyrene	390		48	19	ug/Kg	☼	10/24/24 10:07	10/25/24 23:37	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2,4,6-Tribromophenol (Surr)	*31*		*10 - 120*	*10/24/24 10:07*	*10/25/24 23:37*	*1*
2-Fluorobiphenyl (Surr)	*69*		*36 - 120*	*10/24/24 10:07*	*10/25/24 23:37*	*1*
2-Fluorophenol (Surr)	*72*		*26 - 120*	*10/24/24 10:07*	*10/25/24 23:37*	*1*
Nitrobenzene-d5 (Surr)	*64*		*28 - 120*	*10/24/24 10:07*	*10/25/24 23:37*	*1*
Phenol-d5 (Surr)	*75*		*29 - 120*	*10/24/24 10:07*	*10/25/24 23:37*	*1*
Terphenyl-d14 (Surr)	*65*		*37 - 120*	*10/24/24 10:07*	*10/25/24 23:37*	*1*

Method: SW846 6010D - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	12		1.5	0.32	mg/Kg	☼	10/24/24 15:00	10/26/24 04:04	1
Barium	39		20	0.13	mg/Kg	☼	10/24/24 15:00	10/26/24 04:04	1
Cadmium	0.083	J	0.51	0.049	mg/Kg	☼	10/24/24 15:00	10/26/24 04:04	1
Chromium	11		1.0	0.35	mg/Kg	☼	10/24/24 15:00	10/26/24 04:04	1
Copper	19		2.5	0.71	mg/Kg	☼	10/24/24 15:00	10/26/24 04:04	1
Lead	11		1.0	0.29	mg/Kg	☼	10/24/24 15:00	10/26/24 04:04	1
Selenium	ND		2.0	0.48	mg/Kg	☼	10/24/24 15:00	10/26/24 04:04	1
Silver	ND		1.0	0.082	mg/Kg	☼	10/24/24 15:00	10/26/24 04:04	1
Zinc	61		5.1	3.7	mg/Kg	☼	10/24/24 15:00	10/26/24 04:04	1

Method: SW846 7471B - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	ND		0.14	0.025	mg/Kg	☼	10/24/24 15:00	10/25/24 10:16	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cr (VI) (SW846 7196A)	ND		0.50	0.17	mg/Kg	☼	11/05/24 12:51	11/06/24 18:34	1
Cyanide, Total (SW846 9012B)	ND		0.56	0.45	mg/Kg	☼	11/04/24 14:48	11/04/24 17:22	1

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Solids (EPA Moisture)	82.6		0.1	0.1	%			10/24/24 16:18	1
Percent Moisture (EPA Moisture)	17.4		0.1	0.1	%			10/24/24 16:18	1

Client: August Mack Environmental, Inc.
Job ID: 240-213568-1
Project/Site: MSC Canfield - N. Ditch Sampling

Client Sample ID: T2-1820-S-2.0
Lab Sample ID: 240-213568-10
Date Collected: 10/23/24 11:30
Matrix: Solid
Date Received: 10/23/24 16:10
Percent Solids: 82.6

General Chemistry - ASTM Leach

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cyanide, Free (OI CORP OIA-1677)	ND		0.0060	0.0050	mg/L			11/06/24 13:15	1

Client Sample ID: T2-875-N-0.0
Date Collected: 10/23/24 12:50
Date Received: 10/23/24 16:10

Lab Sample ID: 240-213568-11
Matrix: Solid
Percent Solids: 77.4

Method: SW846 8270E - Semivolatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acenaphthene	ND		52	18	ug/Kg	☼	10/24/24 10:07	10/28/24 18:20	1
Acenaphthylene	ND		52	20	ug/Kg	☼	10/24/24 10:07	10/28/24 18:20	1
Anthracene	ND		52	16	ug/Kg	☼	10/24/24 10:07	10/28/24 18:20	1
Benzo[a]anthracene	ND		52	20	ug/Kg	☼	10/24/24 10:07	10/28/24 18:20	1
Benzo[a]pyrene	ND		52	18	ug/Kg	☼	10/24/24 10:07	10/28/24 18:20	1
Benzo[b]fluoranthene	ND		52	16	ug/Kg	☼	10/24/24 10:07	10/28/24 18:20	1
Benzo[g,h,i]perylene	ND		52	35	ug/Kg	☼	10/24/24 10:07	10/28/24 18:20	1
Benzo[k]fluoranthene	ND		52	13	ug/Kg	☼	10/24/24 10:07	10/28/24 18:20	1
Chrysene	ND		52	18	ug/Kg	☼	10/24/24 10:07	10/28/24 18:20	1
Dibenz(a,h)anthracene	ND		52	20	ug/Kg	☼	10/24/24 10:07	10/28/24 18:20	1
Fluoranthene	ND		52	18	ug/Kg	☼	10/24/24 10:07	10/28/24 18:20	1
Fluorene	ND		52	18	ug/Kg	☼	10/24/24 10:07	10/28/24 18:20	1
Indeno[1,2,3-cd]pyrene	ND		52	16	ug/Kg	☼	10/24/24 10:07	10/28/24 18:20	1
Naphthalene	ND		52	17	ug/Kg	☼	10/24/24 10:07	10/28/24 18:20	1
Phenanthrene	ND		52	17	ug/Kg	☼	10/24/24 10:07	10/28/24 18:20	1
Pyrene	ND		52	21	ug/Kg	☼	10/24/24 10:07	10/28/24 18:20	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2,4,6-Tribromophenol (Surr)	*41*		*10 - 120*	*10/24/24 10:07*	*10/28/24 18:20*	*1*
2-Fluorobiphenyl (Surr)	*71*		*36 - 120*	*10/24/24 10:07*	*10/28/24 18:20*	*1*
2-Fluorophenol (Surr)	*73*		*26 - 120*	*10/24/24 10:07*	*10/28/24 18:20*	*1*
Nitrobenzene-d5 (Surr)	*68*		*28 - 120*	*10/24/24 10:07*	*10/28/24 18:20*	*1*
Phenol-d5 (Surr)	*76*		*29 - 120*	*10/24/24 10:07*	*10/28/24 18:20*	*1*
Terphenyl-d14 (Surr)	*66*		*37 - 120*	*10/24/24 10:07*	*10/28/24 18:20*	*1*

Method: SW846 6010D - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	**13**		1.7	0.36	mg/Kg	☼	10/24/24 15:00	10/25/24 11:47	1
Barium	**16**	**J**	23	0.15	mg/Kg	☼	10/24/24 15:00	10/25/24 11:47	1
Cadmium	ND		0.58	0.055	mg/Kg	☼	10/24/24 15:00	10/25/24 11:47	1
Chromium	**7.5**		1.2	0.40	mg/Kg	☼	10/24/24 15:00	10/25/24 11:47	1
Copper	**14**		2.9	0.81	mg/Kg	☼	10/24/24 15:00	10/25/24 11:47	1
Lead	**10**		1.2	0.33	mg/Kg	☼	10/24/24 15:00	10/25/24 11:47	1
Selenium	ND		2.3	0.54	mg/Kg	☼	10/24/24 15:00	10/25/24 11:47	1
Silver	ND		1.2	0.093	mg/Kg	☼	10/24/24 15:00	10/25/24 11:47	1
Zinc	**160**	**F1**	5.8	4.2	mg/Kg	☼	10/24/24 15:00	10/25/24 11:47	1

Method: SW846 7471B - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	ND		0.14	0.025	mg/Kg	☼	10/24/24 15:00	10/25/24 10:21	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cr (VI) (SW846 7196A)	ND		0.54	0.18	mg/Kg	☼	11/05/24 12:51	11/06/24 18:34	1
Cyanide, Total (SW846 9012B)	**24**		0.60	0.48	mg/Kg	☼	11/04/24 14:48	11/04/24 17:17	1

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Solids (EPA Moisture)	**77.4**		0.1	0.1	%			10/24/24 16:18	1
Percent Moisture (EPA Moisture)	**22.6**		0.1	0.1	%			10/24/24 16:18	1

Client: August Mack Environmental, Inc.
Job ID: 240-213568-1
Project/Site: MSC Canfield - N. Ditch Sampling

Client Sample ID: T2-875-N-0.0
Lab Sample ID: 240-213568-11
Date Collected: 10/23/24 12:50
Matrix: Solid
Date Received: 10/23/24 16:10
Percent Solids: 77.4

General Chemistry - ASTM Leach

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cyanide, Free (OI CORP OIA-1677)	0.0074	F1	0.0060	0.0050	mg/L			11/06/24 12:42	1

Client: August Mack Environmental, Inc.
Project/Site: MSC Canfield - N. Ditch Sampling

Job ID: 240-213568-1

Client Sample ID: T2-875-S-0.0

Date Collected: 10/23/24 13:45
Date Received: 10/23/24 16:10

Lab Sample ID: 240-213568-12

Matrix: Solid
Percent Solids: 65.5

Method: SW846 8270E - Semivolatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acenaphthene	31	J	60	21	ug/Kg	☼	10/24/24 10:07	10/25/24 20:51	1
Acenaphthylene	ND		60	23	ug/Kg	☼	10/24/24 10:07	10/25/24 20:51	1
Anthracene	99		60	18	ug/Kg	☼	10/24/24 10:07	10/25/24 20:51	1
Benzo[a]anthracene	550		60	23	ug/Kg	☼	10/24/24 10:07	10/25/24 20:51	1
Benzo[a]pyrene	740		60	21	ug/Kg	☼	10/24/24 10:07	10/25/24 20:51	1
Benzo[b]fluoranthene	1200		60	18	ug/Kg	☼	10/24/24 10:07	10/25/24 20:51	1
Benzo[g,h,i]perylene	530		60	41	ug/Kg	☼	10/24/24 10:07	10/25/24 20:51	1
Benzo[k]fluoranthene	380		60	15	ug/Kg	☼	10/24/24 10:07	10/25/24 20:51	1
Chrysene	810		60	21	ug/Kg	☼	10/24/24 10:07	10/25/24 20:51	1
Dibenz(a,h)anthracene	110		60	23	ug/Kg	☼	10/24/24 10:07	10/25/24 20:51	1
Fluoranthene	1600		60	21	ug/Kg	☼	10/24/24 10:07	10/25/24 20:51	1
Fluorene	31	J	60	21	ug/Kg	☼	10/24/24 10:07	10/25/24 20:51	1
Indeno[1,2,3-cd]pyrene	400		60	18	ug/Kg	☼	10/24/24 10:07	10/25/24 20:51	1
Naphthalene	37	J	60	20	ug/Kg	☼	10/24/24 10:07	10/25/24 20:51	1
Phenanthrene	570		60	20	ug/Kg	☼	10/24/24 10:07	10/25/24 20:51	1
Pyrene	1200		60	24	ug/Kg	☼	10/24/24 10:07	10/25/24 20:51	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2,4,6-Tribromophenol (Surr)	*70*		*10 - 120*	*10/24/24 10:07*	*10/25/24 20:51*	*1*
2-Fluorobiphenyl (Surr)	*73*		*36 - 120*	*10/24/24 10:07*	*10/25/24 20:51*	*1*
2-Fluorophenol (Surr)	*71*		*26 - 120*	*10/24/24 10:07*	*10/25/24 20:51*	*1*
Nitrobenzene-d5 (Surr)	*67*		*28 - 120*	*10/24/24 10:07*	*10/25/24 20:51*	*1*
Phenol-d5 (Surr)	*76*		*29 - 120*	*10/24/24 10:07*	*10/25/24 20:51*	*1*
Terphenyl-d14 (Surr)	*64*		*37 - 120*	*10/24/24 10:07*	*10/25/24 20:51*	*1*

Method: SW846 6010D - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	11		2.3	0.48	mg/Kg	☼	10/24/24 15:00	10/25/24 12:17	1
Barium	74		30	0.19	mg/Kg	☼	10/24/24 15:00	10/25/24 12:17	1
Cadmium	0.40	J	0.76	0.073	mg/Kg	☼	10/24/24 15:00	10/25/24 12:17	1
Chromium	23		1.5	0.52	mg/Kg	☼	10/24/24 15:00	10/25/24 12:17	1
Copper	9.7		3.8	1.1	mg/Kg	☼	10/24/24 15:00	10/25/24 12:17	1
Lead	22		1.5	0.43	mg/Kg	☼	10/24/24 15:00	10/25/24 12:17	1
Selenium	0.78	J	3.0	0.71	mg/Kg	☼	10/24/24 15:00	10/25/24 12:17	1
Silver	ND		1.5	0.12	mg/Kg	☼	10/24/24 15:00	10/25/24 12:17	1
Zinc	1300		7.6	5.5	mg/Kg	☼	10/24/24 15:00	10/25/24 12:17	1

Method: SW846 7471B - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.032	J	0.17	0.031	mg/Kg	☼	10/24/24 15:00	10/25/24 10:30	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cr (VI) (SW846 7196A)	ND		0.62	0.21	mg/Kg	☼	11/05/24 12:51	11/06/24 18:34	1
Cyanide, Total (SW846 9012B)	160		20	16	mg/Kg	☼	11/05/24 11:32	11/05/24 14:05	25

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Solids (EPA Moisture)	65.5		0.1	0.1	%			10/24/24 16:18	1
Percent Moisture (EPA Moisture)	34.5		0.1	0.1	%			10/24/24 16:18	1

Client: August Mack Environmental, Inc.
Job ID: 240-213568-1
Project/Site: MSC Canfield - N. Ditch Sampling

Client Sample ID: T2-875-S-0.0
Lab Sample ID: 240-213568-12
Date Collected: 10/23/24 13:45
Matrix: Solid
Date Received: 10/23/24 16:10
Percent Solids: 65.5

General Chemistry - ASTM Leach

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cyanide, Free (OI CORP OIA-1677)	0.010		0.0060	0.0050	mg/L			11/06/24 12:30	1

Client Sample ID: T2-875-S-1.5
Date Collected: 10/23/24 14:05
Date Received: 10/23/24 16:10

Lab Sample ID: 240-213568-13
Matrix: Solid
Percent Solids: 78.4

Method: SW846 8270E - Semivolatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acenaphthene	ND		50	18	ug/Kg	☼	10/24/24 10:07	10/28/24 19:30	1
Acenaphthylene	ND		50	19	ug/Kg	☼	10/24/24 10:07	10/28/24 19:30	1
Anthracene	ND		50	15	ug/Kg	☼	10/24/24 10:07	10/28/24 19:30	1
Benzo[a]anthracene	**24**	**J**	50	19	ug/Kg	☼	10/24/24 10:07	10/28/24 19:30	1
Benzo[a]pyrene	**20**	**J**	50	18	ug/Kg	☼	10/24/24 10:07	10/28/24 19:30	1
Benzo[b]fluoranthene	**41**	**J**	50	15	ug/Kg	☼	10/24/24 10:07	10/28/24 19:30	1
Benzo[g,h,i]perylene	ND		50	34	ug/Kg	☼	10/24/24 10:07	10/28/24 19:30	1
Benzo[k]fluoranthene	ND		50	13	ug/Kg	☼	10/24/24 10:07	10/28/24 19:30	1
Chrysene	**34**	**J**	50	18	ug/Kg	☼	10/24/24 10:07	10/28/24 19:30	1
Dibenz(a,h)anthracene	ND		50	19	ug/Kg	☼	10/24/24 10:07	10/28/24 19:30	1
Fluoranthene	**45**	**J**	50	18	ug/Kg	☼	10/24/24 10:07	10/28/24 19:30	1
Fluorene	ND		50	18	ug/Kg	☼	10/24/24 10:07	10/28/24 19:30	1
Indeno[1,2,3-cd]pyrene	**17**	**J**	50	15	ug/Kg	☼	10/24/24 10:07	10/28/24 19:30	1
Naphthalene	ND		50	16	ug/Kg	☼	10/24/24 10:07	10/28/24 19:30	1
Phenanthrene	**18**	**J**	50	16	ug/Kg	☼	10/24/24 10:07	10/28/24 19:30	1
Pyrene	**39**	**J**	50	20	ug/Kg	☼	10/24/24 10:07	10/28/24 19:30	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2,4,6-Tribromophenol (Surr)	*39*		*10 - 120*	*10/24/24 10:07*	*10/28/24 19:30*	*1*
2-Fluorobiphenyl (Surr)	*80*		*36 - 120*	*10/24/24 10:07*	*10/28/24 19:30*	*1*
2-Fluorophenol (Surr)	*80*		*26 - 120*	*10/24/24 10:07*	*10/28/24 19:30*	*1*
Nitrobenzene-d5 (Surr)	*78*		*28 - 120*	*10/24/24 10:07*	*10/28/24 19:30*	*1*
Phenol-d5 (Surr)	*84*		*29 - 120*	*10/24/24 10:07*	*10/28/24 19:30*	*1*
Terphenyl-d14 (Surr)	*74*		*37 - 120*	*10/24/24 10:07*	*10/28/24 19:30*	*1*

Method: SW846 6010D - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	**19**		1.5	0.32	mg/Kg	☼	10/24/24 15:00	10/25/24 12:21	1
Barium	**29**		20	0.13	mg/Kg	☼	10/24/24 15:00	10/25/24 12:21	1
Cadmium	ND		0.50	0.048	mg/Kg	☼	10/24/24 15:00	10/25/24 12:21	1
Chromium	**9.1**		1.0	0.34	mg/Kg	☼	10/24/24 15:00	10/25/24 12:21	1
Copper	**18**		2.5	0.70	mg/Kg	☼	10/24/24 15:00	10/25/24 12:21	1
Lead	**11**		1.0	0.28	mg/Kg	☼	10/24/24 15:00	10/25/24 12:21	1
Selenium	ND		2.0	0.47	mg/Kg	☼	10/24/24 15:00	10/25/24 12:21	1
Silver	ND		1.0	0.081	mg/Kg	☼	10/24/24 15:00	10/25/24 12:21	1
Zinc	**53**		5.0	3.6	mg/Kg	☼	10/24/24 15:00	10/25/24 12:21	1

Method: SW846 7471B - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	ND		0.14	0.025	mg/Kg	☼	10/24/24 15:00	10/25/24 10:32	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cr (VI) (SW846 7196A)	ND		0.52	0.17	mg/Kg	☼	11/05/24 12:51	11/06/24 18:34	1
Cyanide, Total (SW846 9012B)	**8.2**		0.69	0.55	mg/Kg	☼	11/05/24 11:32	11/05/24 14:07	1

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Solids (EPA Moisture)	**78.4**		0.1	0.1	%			10/24/24 16:18	1
Percent Moisture (EPA Moisture)	**21.6**		0.1	0.1	%			10/24/24 16:18	1

Client: August Mack Environmental, Inc.
Job ID: 240-213568-1
Project/Site: MSC Canfield - N. Ditch Sampling

Client Sample ID: T2-875-S-1.5
Lab Sample ID: 240-213568-13
Date Collected: 10/23/24 14:05
Matrix: Solid
Date Received: 10/23/24 16:10
Percent Solids: 78.4

General Chemistry - ASTM Leach

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cyanide, Free (OI CORP OIA-1677)	ND		0.0060	0.0050	mg/L			11/06/24 13:00	1

Client: August Mack Environmental, Inc.
Project/Site: MSC Canfield - N. Ditch Sampling

Job ID: 240-213568-1

Client Sample ID: TB-6-20241023
Date Collected: 10/23/24 14:20
Date Received: 10/23/24 16:10

Lab Sample ID: 240-213568-14
Matrix: Water

Method: SW846 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		1.0	0.48	ug/L			11/02/24 00:10	1
1,1,2,2-Tetrachloroethane	ND		1.0	0.60	ug/L			11/02/24 00:10	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		1.0	0.41	ug/L			11/02/24 00:10	1
1,1,2-Trichloroethane	ND		1.0	0.48	ug/L			11/02/24 00:10	1
1,1-Dichloroethane	ND		1.0	0.47	ug/L			11/02/24 00:10	1
1,1-Dichloroethene	ND		1.0	0.49	ug/L			11/02/24 00:10	1
1,2,4-Trichlorobenzene	ND		1.0	0.77	ug/L			11/02/24 00:10	1
1,2-Dibromo-3-Chloropropane	ND		2.0	0.91	ug/L			11/02/24 00:10	1
Ethylene Dibromide	ND		1.0	0.41	ug/L			11/02/24 00:10	1
1,2-Dichlorobenzene	ND		1.0	0.48	ug/L			11/02/24 00:10	1
1,2-Dichloroethane	ND		1.0	0.46	ug/L			11/02/24 00:10	1
1,2-Dichloropropane	ND		1.0	0.47	ug/L			11/02/24 00:10	1
1,3-Dichlorobenzene	ND		1.0	0.45	ug/L			11/02/24 00:10	1
1,4-Dichlorobenzene	ND		1.0	0.41	ug/L			11/02/24 00:10	1
2-Butanone (MEK)	**1.3**	**J**	10	1.2	ug/L			11/02/24 00:10	1
2-Hexanone	ND		10	1.1	ug/L			11/02/24 00:10	1
4-Methyl-2-pentanone (MIBK)	ND		10	0.99	ug/L			11/02/24 00:10	1
Acetone	**5.5**	**J**	10	5.4	ug/L			11/02/24 00:10	1
Benzene	ND		1.0	0.42	ug/L			11/02/24 00:10	1
Dichlorobromomethane	ND		1.0	0.38	ug/L			11/02/24 00:10	1
Bromoform	ND		1.0	0.76	ug/L			11/02/24 00:10	1
Bromomethane	ND		1.0	0.42	ug/L			11/02/24 00:10	1
Carbon disulfide	ND		1.0	0.59	ug/L			11/02/24 00:10	1
Carbon tetrachloride	ND		1.0	0.26	ug/L			11/02/24 00:10	1
Chlorobenzene	ND		1.0	0.38	ug/L			11/02/24 00:10	1
Chloroethane	ND		1.0	0.83	ug/L			11/02/24 00:10	1
Chloroform	ND		1.0	0.47	ug/L			11/02/24 00:10	1
Chloromethane	ND		1.0	0.63	ug/L			11/02/24 00:10	1
cis-1,2-Dichloroethene	ND		1.0	0.46	ug/L			11/02/24 00:10	1
cis-1,3-Dichloropropene	ND		1.0	0.61	ug/L			11/02/24 00:10	1
Cyclohexane	ND		1.0	0.48	ug/L			11/02/24 00:10	1
Chlorodibromomethane	ND		1.0	0.39	ug/L			11/02/24 00:10	1
Dichlorodifluoromethane	ND		1.0	0.35	ug/L			11/02/24 00:10	1
Ethylbenzene	ND		1.0	0.42	ug/L			11/02/24 00:10	1
Isopropylbenzene	ND		1.0	0.49	ug/L			11/02/24 00:10	1
Methyl acetate	ND		10	1.7	ug/L			11/02/24 00:10	1
Methyl tert-butyl ether	ND		1.0	0.47	ug/L			11/02/24 00:10	1
Methylcyclohexane	ND		1.0	0.33	ug/L			11/02/24 00:10	1
Methylene Chloride	ND		5.0	2.6	ug/L			11/02/24 00:10	1
Styrene	ND		1.0	0.45	ug/L			11/02/24 00:10	1
Tetrachloroethene	ND		1.0	0.44	ug/L			11/02/24 00:10	1
Toluene	ND		1.0	0.44	ug/L			11/02/24 00:10	1
trans-1,2-Dichloroethene	ND		1.0	0.51	ug/L			11/02/24 00:10	1
trans-1,3-Dichloropropene	ND		1.0	0.67	ug/L			11/02/24 00:10	1
Trichloroethene	ND		1.0	0.44	ug/L			11/02/24 00:10	1
Trichlorofluoromethane	ND		1.0	0.45	ug/L			11/02/24 00:10	1
Vinyl chloride	ND		1.0	0.45	ug/L			11/02/24 00:10	1
Xylenes, Total	ND		2.0	0.42	ug/L			11/02/24 00:10	1

Client: August Mack Environmental, Inc.
Project/Site: MSC Canfield - N. Ditch Sampling

Job ID: 240-213568-1

Client Sample ID: TB-6-20241023
Date Collected: 10/23/24 14:20
Date Received: 10/23/24 16:10

Lab Sample ID: 240-213568-14
Matrix: Water

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
Toluene-d8 (Surr)	102		78 - 122		11/02/24 00:10	1
Dibromofluoromethane (Surr)	101		73 - 120		11/02/24 00:10	1
4-Bromofluorobenzene (Surr)	97		56 - 136		11/02/24 00:10	1
1,2-Dichloroethane-d4 (Surr)	105		62 - 137		11/02/24 00:10	1

Surrogate Summary

Client: August Mack Environmental, Inc.
Project/Site: MSC Canfield - N. Ditch Sampling

Job ID: 240-213568-1

Method: 8260D - Volatile Organic Compounds by GC/MS

Matrix: Water — **Prep Type: Total/NA**

		Percent Surrogate Recovery (Acceptance Limits)			
		TOL	DBFM	BFB	DCA
Lab Sample ID	Client Sample ID	(78-122)	(73-120)	(56-136)	(62-137)
240-213568-14	TB-6-20241023	102	101	97	105
LCS 240-633597/4	Lab Control Sample	98	95	101	93
MB 240-633597/7	Method Blank	100	101	99	102

Surrogate Legend

TOL = Toluene-d8 (Surr)
DBFM = Dibromofluoromethane (Surr)
BFB = 4-Bromofluorobenzene (Surr)
DCA = 1,2-Dichloroethane-d4 (Surr)

Method: 8270E - Semivolatile Organic Compounds (GC/MS)

Matrix: Solid — **Prep Type: Total/NA**

		Percent Surrogate Recovery (Acceptance Limits)					
		TBP	FBP	2FP	NBZ	PHL	TPHL
Lab Sample ID	Client Sample ID	(10-120)	(36-120)	(26-120)	(28-120)	(29-120)	(37-120)
240-213568-1	T2-1625-S-2.0	47	80	86	80	90	74
240-213568-2	T2-1625-N-0.0	59	73	73	71	77	59
240-213568-3	T2-1625-N-2.0	28	71	71	71	74	64
240-213568-4	T2-1625-C-2.0	37	74	75	73	78	68
240-213568-5	T2-1750-S-0.0	62	76	79	73	83	69
240-213568-6	T2-1750-N-0.0	74	83	75	76	82	71
240-213568-7	T2-1820-C-1.0	51	73	73	71	75	67
240-213568-8	T2-1820-N-0.0	68	82	81	73	89	76
240-213568-9	T2-1820-S-0.0	9 S1-	73	68	71	72	69
240-213568-10	T2-1820-S-2.0	31	69	72	64	75	65
240-213568-11	T2-875-N-0.0	41	71	73	68	76	66
240-213568-11 MS	T2-875-N-0.0	56	71	76	71	79	70
240-213568-11 MSD	T2-875-N-0.0	46	75	70	72	74	66
240-213568-12	T2-875-S-0.0	70	73	71	67	76	64
240-213568-13	T2-875-S-1.5	39	80	80	78	84	74
LCS 240-632273/2-A	Lab Control Sample	71	79	84	85	88	76
MB 240-632273/1-A	Method Blank	56	74	83	73	86	73

Surrogate Legend

TBP = 2,4,6-Tribromophenol (Surr)
FBP = 2-Fluorobiphenyl (Surr)
2FP = 2-Fluorophenol (Surr)
NBZ = Nitrobenzene-d5 (Surr)
PHL = Phenol-d5 (Surr)
TPHL = Terphenyl-d14 (Surr)

Method: 8260D - Volatile Organic Compounds by GC/MS

Lab Sample ID: MB 240-633597/7
Matrix: Water
Analysis Batch: 633597

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		1.0	0.48	ug/L			11/01/24 23:46	1
1,1,2,2-Tetrachloroethane	ND		1.0	0.60	ug/L			11/01/24 23:46	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		1.0	0.41	ug/L			11/01/24 23:46	1
1,1,2-Trichloroethane	ND		1.0	0.48	ug/L			11/01/24 23:46	1
1,1-Dichloroethane	ND		1.0	0.47	ug/L			11/01/24 23:46	1
1,1-Dichloroethene	ND		1.0	0.49	ug/L			11/01/24 23:46	1
1,2,4-Trichlorobenzene	ND		1.0	0.77	ug/L			11/01/24 23:46	1
1,2-Dibromo-3-Chloropropane	ND		2.0	0.91	ug/L			11/01/24 23:46	1
Ethylene Dibromide	ND		1.0	0.41	ug/L			11/01/24 23:46	1
1,2-Dichlorobenzene	ND		1.0	0.48	ug/L			11/01/24 23:46	1
1,2-Dichloroethane	ND		1.0	0.46	ug/L			11/01/24 23:46	1
1,2-Dichloropropane	ND		1.0	0.47	ug/L			11/01/24 23:46	1
1,3-Dichlorobenzene	ND		1.0	0.45	ug/L			11/01/24 23:46	1
1,4-Dichlorobenzene	ND		1.0	0.41	ug/L			11/01/24 23:46	1
2-Butanone (MEK)	ND		10	1.2	ug/L			11/01/24 23:46	1
2-Hexanone	ND		10	1.1	ug/L			11/01/24 23:46	1
4-Methyl-2-pentanone (MIBK)	ND		10	0.99	ug/L			11/01/24 23:46	1
Acetone	ND		10	5.4	ug/L			11/01/24 23:46	1
Benzene	ND		1.0	0.42	ug/L			11/01/24 23:46	1
Dichlorobromomethane	ND		1.0	0.38	ug/L			11/01/24 23:46	1
Bromoform	ND		1.0	0.76	ug/L			11/01/24 23:46	1
Bromomethane	ND		1.0	0.42	ug/L			11/01/24 23:46	1
Carbon disulfide	ND		1.0	0.59	ug/L			11/01/24 23:46	1
Carbon tetrachloride	ND		1.0	0.26	ug/L			11/01/24 23:46	1
Chlorobenzene	ND		1.0	0.38	ug/L			11/01/24 23:46	1
Chloroethane	ND		1.0	0.83	ug/L			11/01/24 23:46	1
Chloroform	ND		1.0	0.47	ug/L			11/01/24 23:46	1
Chloromethane	ND		1.0	0.63	ug/L			11/01/24 23:46	1
cis-1,2-Dichloroethene	ND		1.0	0.46	ug/L			11/01/24 23:46	1
cis-1,3-Dichloropropene	ND		1.0	0.61	ug/L			11/01/24 23:46	1
Cyclohexane	ND		1.0	0.48	ug/L			11/01/24 23:46	1
Chlorodibromomethane	ND		1.0	0.39	ug/L			11/01/24 23:46	1
Dichlorodifluoromethane	ND		1.0	0.35	ug/L			11/01/24 23:46	1
Ethylbenzene	ND		1.0	0.42	ug/L			11/01/24 23:46	1
Isopropylbenzene	ND		1.0	0.49	ug/L			11/01/24 23:46	1
Methyl acetate	ND		10	1.7	ug/L			11/01/24 23:46	1
Methyl tert-butyl ether	ND		1.0	0.47	ug/L			11/01/24 23:46	1
Methylcyclohexane	ND		1.0	0.33	ug/L			11/01/24 23:46	1
Methylene Chloride	ND		5.0	2.6	ug/L			11/01/24 23:46	1
Styrene	ND		1.0	0.45	ug/L			11/01/24 23:46	1
Tetrachloroethene	ND		1.0	0.44	ug/L			11/01/24 23:46	1
Toluene	ND		1.0	0.44	ug/L			11/01/24 23:46	1
trans-1,2-Dichloroethene	ND		1.0	0.51	ug/L			11/01/24 23:46	1
trans-1,3-Dichloropropene	ND		1.0	0.67	ug/L			11/01/24 23:46	1
Trichloroethene	ND		1.0	0.44	ug/L			11/01/24 23:46	1
Trichlorofluoromethane	ND		1.0	0.45	ug/L			11/01/24 23:46	1
Vinyl chloride	ND		1.0	0.45	ug/L			11/01/24 23:46	1
Xylenes, Total	ND		2.0	0.42	ug/L			11/01/24 23:46	1

Method: 8260D - Volatile Organic Compounds by GC/MS (Continued)

Lab Sample ID: MB 240-633597/7
Matrix: Water
Analysis Batch: 633597

Client Sample ID: Method Blank
Prep Type: Total/NA

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
Toluene-d8 (Surr)	*100*		*78 - 122*		*11/01/24 23:46*	*1*
Dibromofluoromethane (Surr)	*101*		*73 - 120*		*11/01/24 23:46*	*1*
4-Bromofluorobenzene (Surr)	*99*		*56 - 136*		*11/01/24 23:46*	*1*
1,2-Dichloroethane-d4 (Surr)	*102*		*62 - 137*		*11/01/24 23:46*	*1*

Lab Sample ID: LCS 240-633597/4
Matrix: Water
Analysis Batch: 633597

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
1,1,1-Trichloroethane	25.0	22.2		ug/L		89	64 - 131
1,1,2,2-Tetrachloroethane	25.0	21.4		ug/L		85	58 - 157
1,1,2-Trichloro-1,2,2-trifluoroethane	25.0	22.4		ug/L		90	51 - 146
1,1,2-Trichloroethane	25.0	20.6		ug/L		83	70 - 138
1,1-Dichloroethane	25.0	23.7		ug/L		95	72 - 127
1,1-Dichloroethene	25.0	22.0		ug/L		88	63 - 134
1,2,4-Trichlorobenzene	25.0	19.1		ug/L		77	44 - 147
1,2-Dibromo-3-Chloropropane	25.0	20.6		ug/L		82	53 - 135
Ethylene Dibromide	25.0	22.7		ug/L		91	71 - 134
1,2-Dichlorobenzene	25.0	20.1		ug/L		80	78 - 120
1,2-Dichloroethane	25.0	24.0		ug/L		96	66 - 128
1,2-Dichloropropane	25.0	25.7		ug/L		103	75 - 133
1,3-Dichlorobenzene	25.0	21.0		ug/L		84	80 - 120
1,4-Dichlorobenzene	25.0	20.8		ug/L		83	80 - 120
2-Butanone (MEK)	50.0	40.3		ug/L		81	54 - 156
2-Hexanone	50.0	41.0		ug/L		82	43 - 167
4-Methyl-2-pentanone (MIBK)	50.0	40.3		ug/L		81	46 - 158
Acetone	50.0	41.3		ug/L		83	50 - 149
Benzene	25.0	21.8		ug/L		87	77 - 123
Dichlorobromomethane	25.0	20.7		ug/L		83	69 - 126
Bromoform	25.0	21.7		ug/L		87	57 - 129
Bromomethane	12.5	11.1		ug/L		89	36 - 142
Carbon disulfide	25.0	24.4		ug/L		98	43 - 140
Carbon tetrachloride	25.0	24.2		ug/L		97	55 - 137
Chlorobenzene	25.0	20.9		ug/L		84	80 - 121
Chloroethane	12.5	9.94		ug/L		79	38 - 152
Chloroform	25.0	20.9		ug/L		84	74 - 122
Chloromethane	12.5	9.59		ug/L		77	47 - 143
cis-1,2-Dichloroethene	25.0	22.6		ug/L		90	77 - 123
cis-1,3-Dichloropropene	25.0	22.3		ug/L		89	64 - 130
Cyclohexane	25.0	23.7		ug/L		95	58 - 146
Chlorodibromomethane	25.0	21.7		ug/L		87	70 - 124
Dichlorodifluoromethane	12.5	7.02		ug/L		56	34 - 153
Ethylbenzene	25.0	23.2		ug/L		93	80 - 121
Isopropylbenzene	25.0	24.7		ug/L		99	74 - 128
Methyl acetate	50.0	38.2		ug/L		76	42 - 169
Methyl tert-butyl ether	25.0	24.2		ug/L		97	65 - 126
Methylcyclohexane	25.0	21.9		ug/L		88	62 - 136

Method: 8260D - Volatile Organic Compounds by GC/MS (Continued)

Lab Sample ID: LCS 240-633597/4
Matrix: Water
Analysis Batch: 633597

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Methylene Chloride	25.0	24.2		ug/L		97	71 - 125
Styrene	25.0	24.1		ug/L		96	80 - 135
Tetrachloroethene	25.0	21.9		ug/L		88	76 - 123
Toluene	25.0	20.6		ug/L		82	80 - 123
trans-1,2-Dichloroethene	25.0	20.8		ug/L		83	75 - 124
trans-1,3-Dichloropropene	25.0	23.4		ug/L		94	57 - 129
Trichloroethene	25.0	20.6		ug/L		82	70 - 122
Trichlorofluoromethane	12.5	9.35		ug/L		75	30 - 170
Vinyl chloride	12.5	10.1		ug/L		81	60 - 144
Xylenes, Total	50.0	46.3		ug/L		93	80 - 121
m-Xylene & p-Xylene	25.0	22.8		ug/L		91	80 - 120
o-Xylene	25.0	23.5		ug/L		94	80 - 123

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
Toluene-d8 (Surr)	*98*		*78 - 122*
Dibromofluoromethane (Surr)	*95*		*73 - 120*
4-Bromofluorobenzene (Surr)	*101*		*56 - 136*
1,2-Dichloroethane-d4 (Surr)	*93*		*62 - 137*

Method: 8270E - Semivolatile Organic Compounds (GC/MS)

Lab Sample ID: MB 240-632273/1-A
Matrix: Solid
Analysis Batch: 632425

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 632273

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acenaphthene	ND		40	14	ug/Kg		10/24/24 10:06	10/25/24 12:33	1
Acenaphthylene	ND		40	15	ug/Kg		10/24/24 10:06	10/25/24 12:33	1
Anthracene	ND		40	12	ug/Kg		10/24/24 10:06	10/25/24 12:33	1
Benzo[a]anthracene	ND		40	15	ug/Kg		10/24/24 10:06	10/25/24 12:33	1
Benzo[a]pyrene	ND		40	14	ug/Kg		10/24/24 10:06	10/25/24 12:33	1
Benzo[b]fluoranthene	ND		40	12	ug/Kg		10/24/24 10:06	10/25/24 12:33	1
Benzo[g,h,i]perylene	ND		40	27	ug/Kg		10/24/24 10:06	10/25/24 12:33	1
Benzo[k]fluoranthene	ND		40	10	ug/Kg		10/24/24 10:06	10/25/24 12:33	1
Chrysene	ND		40	14	ug/Kg		10/24/24 10:06	10/25/24 12:33	1
Dibenz(a,h)anthracene	ND		40	15	ug/Kg		10/24/24 10:06	10/25/24 12:33	1
Fluoranthene	ND		40	14	ug/Kg		10/24/24 10:06	10/25/24 12:33	1
Fluorene	ND		40	14	ug/Kg		10/24/24 10:06	10/25/24 12:33	1
Indeno[1,2,3-cd]pyrene	ND		40	12	ug/Kg		10/24/24 10:06	10/25/24 12:33	1
Naphthalene	ND		40	13	ug/Kg		10/24/24 10:06	10/25/24 12:33	1
Phenanthrene	ND		40	13	ug/Kg		10/24/24 10:06	10/25/24 12:33	1
Pyrene	ND		40	16	ug/Kg		10/24/24 10:06	10/25/24 12:33	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2,4,6-Tribromophenol (Surr)	*56*		*10 - 120*	*10/24/24 10:06*	*10/25/24 12:33*	*1*
2-Fluorobiphenyl (Surr)	*74*		*36 - 120*	*10/24/24 10:06*	*10/25/24 12:33*	*1*
2-Fluorophenol (Surr)	*83*		*26 - 120*	*10/24/24 10:06*	*10/25/24 12:33*	*1*
Nitrobenzene-d5 (Surr)	*73*		*28 - 120*	*10/24/24 10:06*	*10/25/24 12:33*	*1*

Method: 8270E - Semivolatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: MB 240-632273/1-A
Matrix: Solid
Analysis Batch: 632425

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 632273

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
Phenol-d5 (Surr)	86		29 - 120	10/24/24 10:06	10/25/24 12:33	1
Terphenyl-d14 (Surr)	73		37 - 120	10/24/24 10:06	10/25/24 12:33	1

Lab Sample ID: LCS 240-632273/2-A
Matrix: Solid
Analysis Batch: 632686

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 632273

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
Acenaphthene			1330	1170		ug/Kg		88	56 - 120		
Acenaphthylene			1330	1180		ug/Kg		88	54 - 120		
Anthracene			1330	1230		ug/Kg		93	59 - 120		
Benzo[a]anthracene			1330	1240		ug/Kg		93	59 - 120		
Benzo[a]pyrene			1330	1260		ug/Kg		94	54 - 120		
Benzo[b]fluoranthene			1330	1230		ug/Kg		93	58 - 120		
Benzo[g,h,i]perylene			1330	1400		ug/Kg		105	56 - 120		
Benzo[k]fluoranthene			1330	1160		ug/Kg		87	59 - 120		
Chrysene			1330	1260		ug/Kg		94	58 - 120		
Dibenz(a,h)anthracene			1330	1150		ug/Kg		86	54 - 120		
Fluoranthene			1330	1230		ug/Kg		93	59 - 120		
Fluorene			1330	1210		ug/Kg		91	56 - 120		
Indeno[1,2,3-cd]pyrene			1330	1330		ug/Kg		100	53 - 120		
Naphthalene			1330	1130		ug/Kg		84	54 - 120		
Phenanthrene			1330	1220		ug/Kg		91	57 - 120		
Pyrene			1330	1250		ug/Kg		94	59 - 120		

Surrogate	LCS %Recovery	LCS Qualifier	Limits
2,4,6-Tribromophenol (Surr)	71		10 - 120
2-Fluorobiphenyl (Surr)	79		36 - 120
2-Fluorophenol (Surr)	84		26 - 120
Nitrobenzene-d5 (Surr)	85		28 - 120
Phenol-d5 (Surr)	88		29 - 120
Terphenyl-d14 (Surr)	76		37 - 120

Lab Sample ID: 240-213568-11 MS
Matrix: Solid
Analysis Batch: 632686

Client Sample ID: T2-875-N-0.0
Prep Type: Total/NA
Prep Batch: 632273

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits		
Acenaphthene	ND		1760	1420		ug/Kg	☼	80	26 - 120		
Acenaphthylene	ND		1760	1390		ug/Kg	☼	79	25 - 120		
Anthracene	ND		1760	1520		ug/Kg	☼	86	25 - 121		
Benzo[a]anthracene	ND		1760	1580		ug/Kg	☼	90	21 - 130		
Benzo[a]pyrene	ND		1760	1600		ug/Kg	☼	91	12 - 131		
Benzo[b]fluoranthene	ND		1760	1520		ug/Kg	☼	86	14 - 134		
Benzo[g,h,i]perylene	ND		1760	1730		ug/Kg	☼	98	10 - 145		
Benzo[k]fluoranthene	ND		1760	1550		ug/Kg	☼	88	18 - 126		
Chrysene	ND		1760	1560		ug/Kg	☼	88	20 - 126		
Dibenz(a,h)anthracene	ND		1760	1540		ug/Kg	☼	87	10 - 141		

Method: 8270E - Semivolatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: 240-213568-11 MS
Matrix: Solid
Analysis Batch: 632686

Client Sample ID: T2-875-N-0.0
Prep Type: Total/NA
Prep Batch: 632273

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Fluoranthene	ND		1760	1560		ug/Kg	☼	88	18 - 139
Fluorene	ND		1760	1460		ug/Kg	☼	83	29 - 120
Indeno[1,2,3-cd]pyrene	ND		1760	1820		ug/Kg	☼	103	10 - 143
Naphthalene	ND		1760	1300		ug/Kg	☼	74	17 - 120
Phenanthrene	ND		1760	1490		ug/Kg	☼	84	18 - 122
Pyrene	ND		1760	1550		ug/Kg	☼	88	18 - 136

Surrogate	*MS %Recovery*	*MS Qualifier*	*Limits*
2,4,6-Tribromophenol (Surr)	*56*		*10 - 120*
2-Fluorobiphenyl (Surr)	*71*		*36 - 120*
2-Fluorophenol (Surr)	*76*		*26 - 120*
Nitrobenzene-d5 (Surr)	*71*		*28 - 120*
Phenol-d5 (Surr)	*79*		*29 - 120*
Terphenyl-d14 (Surr)	*70*		*37 - 120*

Lab Sample ID: 240-213568-11 MSD
Matrix: Solid
Analysis Batch: 632686

Client Sample ID: T2-875-N-0.0
Prep Type: Total/NA
Prep Batch: 632273

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Acenaphthene	ND		1700	1380		ug/Kg	☼	81	26 - 120	3	40
Acenaphthylene	ND		1700	1400		ug/Kg	☼	83	25 - 120	1	40
Anthracene	ND		1700	1480		ug/Kg	☼	87	25 - 121	3	40
Benzo[a]anthracene	ND		1700	1430		ug/Kg	☼	84	21 - 130	10	40
Benzo[a]pyrene	ND		1700	1450		ug/Kg	☼	86	12 - 131	9	40
Benzo[b]fluoranthene	ND		1700	1450		ug/Kg	☼	86	14 - 134	5	40
Benzo[g,h,i]perylene	ND		1700	1570		ug/Kg	☼	92	10 - 145	10	40
Benzo[k]fluoranthene	ND		1700	1390		ug/Kg	☼	81	18 - 126	11	40
Chrysene	ND		1700	1390		ug/Kg	☼	82	20 - 126	11	40
Dibenz(a,h)anthracene	ND		1700	1410		ug/Kg	☼	83	10 - 141	8	40
Fluoranthene	ND		1700	1470		ug/Kg	☼	86	18 - 139	6	40
Fluorene	ND		1700	1450		ug/Kg	☼	85	29 - 120	1	40
Indeno[1,2,3-cd]pyrene	ND		1700	1600		ug/Kg	☼	94	10 - 143	13	40
Naphthalene	ND		1700	1300		ug/Kg	☼	77	17 - 120	0	40
Phenanthrene	ND		1700	1430		ug/Kg	☼	84	18 - 122	4	40
Pyrene	ND		1700	1380		ug/Kg	☼	81	18 - 136	11	40

Surrogate	*MSD %Recovery*	*MSD Qualifier*	*Limits*
2,4,6-Tribromophenol (Surr)	*46*		*10 - 120*
2-Fluorobiphenyl (Surr)	*75*		*36 - 120*
2-Fluorophenol (Surr)	*70*		*26 - 120*
Nitrobenzene-d5 (Surr)	*72*		*28 - 120*
Phenol-d5 (Surr)	*74*		*29 - 120*
Terphenyl-d14 (Surr)	*66*		*37 - 120*

Method: 6010D - Metals (ICP)

Lab Sample ID: MB 240-632326/1-A
Matrix: Solid
Analysis Batch: 632536

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 632326

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	ND		1.5	0.32	mg/Kg		10/24/24 15:00	10/26/24 02:08	1
Barium	ND		20	0.13	mg/Kg		10/24/24 15:00	10/26/24 02:08	1
Cadmium	ND		0.50	0.048	mg/Kg		10/24/24 15:00	10/26/24 02:08	1
Chromium	ND		1.0	0.34	mg/Kg		10/24/24 15:00	10/26/24 02:08	1
Copper	ND		2.5	0.70	mg/Kg		10/24/24 15:00	10/26/24 02:08	1
Lead	ND		1.0	0.28	mg/Kg		10/24/24 15:00	10/26/24 02:08	1
Selenium	ND		2.0	0.47	mg/Kg		10/24/24 15:00	10/26/24 02:08	1
Silver	ND		1.0	0.081	mg/Kg		10/24/24 15:00	10/26/24 02:08	1
Zinc	ND		5.0	3.6	mg/Kg		10/24/24 15:00	10/26/24 02:08	1

Lab Sample ID: LCS 240-632326/2-A
Matrix: Solid
Analysis Batch: 632536

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 632326

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Arsenic	200	193		mg/Kg		97	80 - 120
Barium	200	193		mg/Kg		96	80 - 120
Cadmium	100	94.5		mg/Kg		94	80 - 120
Chromium	100	95.9		mg/Kg		96	80 - 120
Copper	100	90.1		mg/Kg		90	80 - 120
Lead	100	87.1		mg/Kg		87	80 - 120
Selenium	200	187		mg/Kg		93	80 - 120
Silver	10.0	8.72		mg/Kg		87	80 - 120
Zinc	100	94.4		mg/Kg		94	80 - 120

Lab Sample ID: MB 240-632340/1-A
Matrix: Solid
Analysis Batch: 632536

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 632340

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	ND		1.5	0.32	mg/Kg		10/24/24 15:00	10/25/24 11:26	1
Barium	ND		20	0.13	mg/Kg		10/24/24 15:00	10/25/24 11:26	1
Cadmium	ND		0.50	0.048	mg/Kg		10/24/24 15:00	10/25/24 11:26	1
Chromium	ND		1.0	0.34	mg/Kg		10/24/24 15:00	10/25/24 11:26	1
Copper	ND		2.5	0.70	mg/Kg		10/24/24 15:00	10/25/24 11:26	1
Lead	ND		1.0	0.28	mg/Kg		10/24/24 15:00	10/25/24 11:26	1
Selenium	ND		2.0	0.47	mg/Kg		10/24/24 15:00	10/25/24 11:26	1
Silver	ND		1.0	0.081	mg/Kg		10/24/24 15:00	10/25/24 11:26	1
Zinc	ND		5.0	3.6	mg/Kg		10/24/24 15:00	10/25/24 11:26	1

Lab Sample ID: LCS 240-632340/2-A
Matrix: Solid
Analysis Batch: 632536

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 632340

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Arsenic	200	191		mg/Kg		96	80 - 120
Barium	200	185		mg/Kg		93	80 - 120
Cadmium	100	93.3		mg/Kg		93	80 - 120
Chromium	100	93.4		mg/Kg		93	80 - 120

Method: 6010D - Metals (ICP) (Continued)

Lab Sample ID: LCS 240-632340/2-A
Matrix: Solid
Analysis Batch: 632536

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 632340

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Copper	100	89.9		mg/Kg		90	80 - 120
Lead	100	87.6		mg/Kg		88	80 - 120
Selenium	200	187		mg/Kg		94	80 - 120
Silver	10.0	8.87		mg/Kg		89	80 - 120
Zinc	100	94.9		mg/Kg		95	80 - 120

Lab Sample ID: 240-213568-11 MS
Matrix: Solid
Analysis Batch: 632536

Client Sample ID: T2-875-N-0.0
Prep Type: Total/NA
Prep Batch: 632340

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Arsenic	13		208	199		mg/Kg	☼	89	75 - 125
Barium	16	J	208	201		mg/Kg	☼	89	75 - 125
Cadmium	ND		104	91.6		mg/Kg	☼	88	75 - 125
Chromium	7.5		104	99.7		mg/Kg	☼	88	75 - 125
Copper	14		104	98.4		mg/Kg	☼	81	75 - 125
Lead	10		104	92.8		mg/Kg	☼	79	75 - 125
Selenium	ND		208	183		mg/Kg	☼	88	75 - 125
Silver	ND		10.4	8.51		mg/Kg	☼	82	75 - 125
Zinc	160	F1	104	227	F1	mg/Kg	☼	65	75 - 125

Lab Sample ID: 240-213568-11 MSD
Matrix: Solid
Analysis Batch: 632536

Client Sample ID: T2-875-N-0.0
Prep Type: Total/NA
Prep Batch: 632340

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Arsenic	13		208	201		mg/Kg	☼	90	75 - 125	1	20
Barium	16	J	208	203		mg/Kg	☼	90	75 - 125	1	20
Cadmium	ND		104	91.8		mg/Kg	☼	88	75 - 125	0	20
Chromium	7.5		104	99.8		mg/Kg	☼	89	75 - 125	0	20
Copper	14		104	101		mg/Kg	☼	83	75 - 125	2	20
Lead	10		104	95.6		mg/Kg	☼	82	75 - 125	3	20
Selenium	ND		208	183		mg/Kg	☼	88	75 - 125	0	20
Silver	ND		10.4	8.59		mg/Kg	☼	82	75 - 125	1	20
Zinc	160	F1	104	261		mg/Kg	☼	98	75 - 125	14	20

Method: 7471B - Mercury (CVAA)

Lab Sample ID: MB 240-632328/1-A
Matrix: Solid
Analysis Batch: 632513

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 632328

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	ND		0.10	0.018	mg/Kg		10/24/24 15:00	10/25/24 09:32	1

Method: 7471B - Mercury (CVAA) (Continued)

Lab Sample ID: LCS 240-632328/2-A
Matrix: Solid
Analysis Batch: 632513

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 632328

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Mercury	0.833	0.904		mg/Kg		108	80 - 120

Lab Sample ID: MB 240-632341/1-A
Matrix: Solid
Analysis Batch: 632513

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 632341

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	ND		0.10	0.018	mg/Kg		10/24/24 15:00	10/25/24 10:18	1

Lab Sample ID: LCS 240-632341/2-A
Matrix: Solid
Analysis Batch: 632513

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 632341

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Mercury	0.833	0.885		mg/Kg		106	80 - 120

Lab Sample ID: 240-213568-11 MS
Matrix: Solid
Analysis Batch: 632513

Client Sample ID: T2-875-N-0.0
Prep Type: Total/NA
Prep Batch: 632341

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Mercury	ND		0.190	0.208		mg/Kg	☼	110	80 - 120

Lab Sample ID: 240-213568-11 MSD
Matrix: Solid
Analysis Batch: 632513

Client Sample ID: T2-875-N-0.0
Prep Type: Total/NA
Prep Batch: 632341

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Mercury	ND		0.190	0.198		mg/Kg	☼	104	80 - 120	5	20

Method: 7196A - Chromium, Hexavalent

Lab Sample ID: MB 410-571513/1-A
Matrix: Solid
Analysis Batch: 572139

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 571513

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cr (VI)	ND		0.42	0.14	mg/Kg		11/05/24 12:51	11/06/24 18:34	1

Lab Sample ID: LCS 410-571513/2-A
Matrix: Solid
Analysis Batch: 572139

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 571513

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Cr (VI)	5.00	4.65		mg/Kg		93	80 - 120

Method: 7196A - Chromium, Hexavalent (Continued)

Lab Sample ID: LCSI 410-571513/3-A — **Client Sample ID: Lab Control Sample**
Matrix: Solid — **Prep Type: Total/NA**
Analysis Batch: 572139 — **Prep Batch: 571513**

Analyte			Spike Added	LCSI Result	LCSI Qualifier	Unit	D	%Rec	%Rec Limits		
Cr (VI)			753	730		mg/Kg		97	80 - 120		

Lab Sample ID: 240-213568-11 MSI — **Client Sample ID: T2-875-N-0.0**
Matrix: Solid — **Prep Type: Total/NA**
Analysis Batch: 572139 — **Prep Batch: 571513**

Analyte	Sample Result	Sample Qualifier	Spike Added	MSI Result	MSI Qualifier	Unit	D	%Rec	%Rec Limits		
Cr (VI)	ND		1190	1120		mg/Kg	☼	94	75 - 125		

Lab Sample ID: 240-213568-11 MSS — **Client Sample ID: T2-875-N-0.0**
Matrix: Solid — **Prep Type: Total/NA**
Analysis Batch: 572139 — **Prep Batch: 571513**

Analyte	Sample Result	Sample Qualifier	Spike Added	MSS Result	MSS Qualifier	Unit	D	%Rec	%Rec Limits		
Cr (VI)	ND		51.7	44.3		mg/Kg	☼	86	75 - 125		

Lab Sample ID: 240-213568-11 DU — **Client Sample ID: T2-875-N-0.0**
Matrix: Solid — **Prep Type: Total/NA**
Analysis Batch: 572139 — **Prep Batch: 571513**

Analyte	Sample Result	Sample Qualifier		DU Result	DU Qualifier	Unit	D			RPD	RPD Limit
Cr (VI)	ND			ND		mg/Kg	☼			NC	20

Method: 9012B - Cyanide, Total andor Amenable

Lab Sample ID: MB 240-633870/1-A — **Client Sample ID: Method Blank**
Matrix: Solid — **Prep Type: Total/NA**
Analysis Batch: 633889 — **Prep Batch: 633870**

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cyanide, Total	ND		0.54	0.43	mg/Kg		11/04/24 14:48	11/04/24 16:44	1

Lab Sample ID: LCS 240-633870/2-A — **Client Sample ID: Lab Control Sample**
Matrix: Solid — **Prep Type: Total/NA**
Analysis Batch: 633889 — **Prep Batch: 633870**

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
Cyanide, Total			8.18	8.05		mg/Kg		98	65 - 128		

Lab Sample ID: 240-213568-11 MS — **Client Sample ID: T2-875-N-0.0**
Matrix: Solid — **Prep Type: Total/NA**
Analysis Batch: 633889 — **Prep Batch: 633870**

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits		
Cyanide, Total	24		1.15	9.66	4	mg/Kg	☼	-1282	24 - 140		

Method: 9012B - Cyanide, Total andor Amenable (Continued)

Lab Sample ID: 240-213568-11 MSD
Matrix: Solid
Analysis Batch: 633889

Client Sample ID: T2-875-N-0.0
Prep Type: Total/NA
Prep Batch: 633870

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Cyanide, Total	24		1.15	8.13	4	mg/Kg	☼	-1415	24 - 140	17	40

Lab Sample ID: MB 240-634014/1-A
Matrix: Solid
Analysis Batch: 634057

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 634014

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cyanide, Total	ND		0.46	0.37	mg/Kg		11/05/24 11:32	11/05/24 13:57	1

Lab Sample ID: LCS 240-634014/2-A
Matrix: Solid
Analysis Batch: 634057

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 634014

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Cyanide, Total	7.85	7.91		mg/Kg		101	65 - 128

Method: Moisture - Percent Moisture

Lab Sample ID: 240-213568-1 DU
Matrix: Solid
Analysis Batch: 632356

Client Sample ID: T2-1625-S-2.0
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	DU Result	DU Qualifier	Unit	D	RPD	RPD Limit
Percent Solids	81.3		80.8		%		0.6	20
Percent Moisture	18.7		19.2		%		3	20

Lab Sample ID: 240-213568-11 DU
Matrix: Solid
Analysis Batch: 632356

Client Sample ID: T2-875-N-0.0
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	DU Result	DU Qualifier	Unit	D	RPD	RPD Limit
Percent Solids	77.4		77.7		%		0.5	20
Percent Moisture	22.6		22.3		%		2	20

Method: OIA-1677 - Cyanide, Free (Flow Injection)

Lab Sample ID: MB 410-572293/17
Matrix: Solid
Analysis Batch: 572293

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cyanide, Free	ND		0.0060	0.0050	mg/L			11/06/24 11:15	1

Lab Sample ID: MB 410-572293/33
Matrix: Solid
Analysis Batch: 572293

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cyanide, Free	ND		0.0060	0.0050	mg/L			11/06/24 11:55	1

Method: OIA-1677 - Cyanide, Free (Flow Injection) (Continued)

Lab Sample ID: LCS 410-572293/16
Matrix: Solid
Analysis Batch: 572293

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Cyanide, Free	0.0500	0.0556		mg/L		111	82 - 132

Lab Sample ID: LCS 410-572293/32
Matrix: Solid
Analysis Batch: 572293

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Cyanide, Free	0.0500	0.0555		mg/L		111	82 - 132

Lab Sample ID: MB 410-573350/17
Matrix: Solid
Analysis Batch: 573350

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cyanide, Free	ND		0.0060	0.0050	mg/L			11/09/24 16:00	1

Lab Sample ID: MB 410-573350/33
Matrix: Solid
Analysis Batch: 573350

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cyanide, Free	ND		0.0060	0.0050	mg/L			11/09/24 16:40	1

Lab Sample ID: LCS 410-573350/32
Matrix: Solid
Analysis Batch: 573350

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Cyanide, Free	0.0500	0.0439		mg/L		88	82 - 132

Lab Sample ID: MB 410-573369/17
Matrix: Solid
Analysis Batch: 573369

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cyanide, Free	ND		0.0060	0.0050	mg/L			11/10/24 15:39	1

Lab Sample ID: LCS 410-573369/16
Matrix: Solid
Analysis Batch: 573369

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Cyanide, Free	0.0500	0.0528		mg/L		106	82 - 132

Lab Sample ID: 240-213568-11 MS
Matrix: Solid
Analysis Batch: 572293

Client Sample ID: T2-875-N-0.0
Prep Type: ASTM Leach

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Cyanide, Free	0.0074	F1	0.0500	0.0424	F1	mg/L		70	82 - 130

Client: August Mack Environmental, Inc.
Project/Site: MSC Canfield - N. Ditch Sampling

Job ID: 240-213568-1

Method: OIA-1677 - Cyanide, Free (Flow Injection)

Lab Sample ID: 240-213568-11 MSD
Matrix: Solid
Analysis Batch: 572293

Client Sample ID: T2-875-N-0.0
Prep Type: ASTM Leach

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Cyanide, Free	0.0074	F1	0.0500	0.0395	F1	mg/L		64	82 - 130	7	11

GC/MS VOA

Analysis Batch: 633597

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
240-213568-14	TB-6-20241023	Total/NA	Water	8260D	
MB 240-633597/7	Method Blank	Total/NA	Water	8260D	
LCS 240-633597/4	Lab Control Sample	Total/NA	Water	8260D	

GC/MS Semi VOA

Prep Batch: 632273

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
240-213568-1	T2-1625-S-2.0	Total/NA	Solid	3546	
240-213568-2	T2-1625-N-0.0	Total/NA	Solid	3546	
240-213568-3	T2-1625-N-2.0	Total/NA	Solid	3546	
240-213568-4	T2-1625-C-2.0	Total/NA	Solid	3546	
240-213568-5	T2-1750-S-0.0	Total/NA	Solid	3546	
240-213568-6	T2-1750-N-0.0	Total/NA	Solid	3546	
240-213568-7	T2-1820-C-1.0	Total/NA	Solid	3546	
240-213568-8	T2-1820-N-0.0	Total/NA	Solid	3546	
240-213568-9	T2-1820-S-0.0	Total/NA	Solid	3546	
240-213568-10	T2-1820-S-2.0	Total/NA	Solid	3546	
240-213568-11	T2-875-N-0.0	Total/NA	Solid	3546	
240-213568-12	T2-875-S-0.0	Total/NA	Solid	3546	
240-213568-13	T2-875-S-1.5	Total/NA	Solid	3546	
MB 240-632273/1-A	Method Blank	Total/NA	Solid	3546	
LCS 240-632273/2-A	Lab Control Sample	Total/NA	Solid	3546	
240-213568-11 MS	T2-875-N-0.0	Total/NA	Solid	3546	
240-213568-11 MSD	T2-875-N-0.0	Total/NA	Solid	3546	

Analysis Batch: 632425

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
240-213568-4	T2-1625-C-2.0	Total/NA	Solid	8270E	632273
240-213568-8	T2-1820-N-0.0	Total/NA	Solid	8270E	632273
240-213568-10	T2-1820-S-2.0	Total/NA	Solid	8270E	632273
240-213568-12	T2-875-S-0.0	Total/NA	Solid	8270E	632273
MB 240-632273/1-A	Method Blank	Total/NA	Solid	8270E	632273

Analysis Batch: 632686

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
240-213568-1	T2-1625-S-2.0	Total/NA	Solid	8270E	632273
240-213568-2	T2-1625-N-0.0	Total/NA	Solid	8270E	632273
240-213568-3	T2-1625-N-2.0	Total/NA	Solid	8270E	632273
240-213568-5	T2-1750-S-0.0	Total/NA	Solid	8270E	632273
240-213568-6	T2-1750-N-0.0	Total/NA	Solid	8270E	632273
240-213568-7	T2-1820-C-1.0	Total/NA	Solid	8270E	632273
240-213568-9	T2-1820-S-0.0	Total/NA	Solid	8270E	632273
240-213568-11	T2-875-N-0.0	Total/NA	Solid	8270E	632273
240-213568-13	T2-875-S-1.5	Total/NA	Solid	8270E	632273
LCS 240-632273/2-A	Lab Control Sample	Total/NA	Solid	8270E	632273
240-213568-11 MS	T2-875-N-0.0	Total/NA	Solid	8270E	632273
240-213568-11 MSD	T2-875-N-0.0	Total/NA	Solid	8270E	632273

Metals

Prep Batch: 632326

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
240-213568-1	T2-1625-S-2.0	Total/NA	Solid	3050B	
240-213568-2	T2-1625-N-0.0	Total/NA	Solid	3050B	
240-213568-3	T2-1625-N-2.0	Total/NA	Solid	3050B	
240-213568-4	T2-1625-C-2.0	Total/NA	Solid	3050B	
240-213568-5	T2-1750-S-0.0	Total/NA	Solid	3050B	
240-213568-6	T2-1750-N-0.0	Total/NA	Solid	3050B	
240-213568-7	T2-1820-C-1.0	Total/NA	Solid	3050B	
240-213568-8	T2-1820-N-0.0	Total/NA	Solid	3050B	
240-213568-9	T2-1820-S-0.0	Total/NA	Solid	3050B	
240-213568-10	T2-1820-S-2.0	Total/NA	Solid	3050B	
MB 240-632326/1-A	Method Blank	Total/NA	Solid	3050B	
LCS 240-632326/2-A	Lab Control Sample	Total/NA	Solid	3050B	

Prep Batch: 632328

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
240-213568-1	T2-1625-S-2.0	Total/NA	Solid	7471B	
240-213568-2	T2-1625-N-0.0	Total/NA	Solid	7471B	
240-213568-3	T2-1625-N-2.0	Total/NA	Solid	7471B	
240-213568-4	T2-1625-C-2.0	Total/NA	Solid	7471B	
240-213568-5	T2-1750-S-0.0	Total/NA	Solid	7471B	
240-213568-6	T2-1750-N-0.0	Total/NA	Solid	7471B	
240-213568-7	T2-1820-C-1.0	Total/NA	Solid	7471B	
240-213568-8	T2-1820-N-0.0	Total/NA	Solid	7471B	
240-213568-9	T2-1820-S-0.0	Total/NA	Solid	7471B	
240-213568-10	T2-1820-S-2.0	Total/NA	Solid	7471B	
MB 240-632328/1-A	Method Blank	Total/NA	Solid	7471B	
LCS 240-632328/2-A	Lab Control Sample	Total/NA	Solid	7471B	

Prep Batch: 632340

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
240-213568-11	T2-875-N-0.0	Total/NA	Solid	3050B	
240-213568-12	T2-875-S-0.0	Total/NA	Solid	3050B	
240-213568-13	T2-875-S-1.5	Total/NA	Solid	3050B	
MB 240-632340/1-A	Method Blank	Total/NA	Solid	3050B	
LCS 240-632340/2-A	Lab Control Sample	Total/NA	Solid	3050B	
240-213568-11 MS	T2-875-N-0.0	Total/NA	Solid	3050B	
240-213568-11 MSD	T2-875-N-0.0	Total/NA	Solid	3050B	

Prep Batch: 632341

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
240-213568-11	T2-875-N-0.0	Total/NA	Solid	7471B	
240-213568-12	T2-875-S-0.0	Total/NA	Solid	7471B	
240-213568-13	T2-875-S-1.5	Total/NA	Solid	7471B	
MB 240-632341/1-A	Method Blank	Total/NA	Solid	7471B	
LCS 240-632341/2-A	Lab Control Sample	Total/NA	Solid	7471B	
240-213568-11 MS	T2-875-N-0.0	Total/NA	Solid	7471B	
240-213568-11 MSD	T2-875-N-0.0	Total/NA	Solid	7471B	

Analysis Batch: 632513

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
240-213568-1	T2-1625-S-2.0	Total/NA	Solid	7471B	632328

Metals (Continued)

Analysis Batch: 632513 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
240-213568-2	T2-1625-N-0.0	Total/NA	Solid	7471B	632328
240-213568-3	T2-1625-N-2.0	Total/NA	Solid	7471B	632328
240-213568-4	T2-1625-C-2.0	Total/NA	Solid	7471B	632328
240-213568-5	T2-1750-S-0.0	Total/NA	Solid	7471B	632328
240-213568-6	T2-1750-N-0.0	Total/NA	Solid	7471B	632328
240-213568-7	T2-1820-C-1.0	Total/NA	Solid	7471B	632328
240-213568-8	T2-1820-N-0.0	Total/NA	Solid	7471B	632328
240-213568-9	T2-1820-S-0.0	Total/NA	Solid	7471B	632328
240-213568-10	T2-1820-S-2.0	Total/NA	Solid	7471B	632328
240-213568-11	T2-875-N-0.0	Total/NA	Solid	7471B	632341
240-213568-12	T2-875-S-0.0	Total/NA	Solid	7471B	632341
240-213568-13	T2-875-S-1.5	Total/NA	Solid	7471B	632341
MB 240-632328/1-A	Method Blank	Total/NA	Solid	7471B	632328
MB 240-632341/1-A	Method Blank	Total/NA	Solid	7471B	632341
LCS 240-632328/2-A	Lab Control Sample	Total/NA	Solid	7471B	632328
LCS 240-632341/2-A	Lab Control Sample	Total/NA	Solid	7471B	632341
240-213568-11 MS	T2-875-N-0.0	Total/NA	Solid	7471B	632341
240-213568-11 MSD	T2-875-N-0.0	Total/NA	Solid	7471B	632341

Analysis Batch: 632536

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
240-213568-1	T2-1625-S-2.0	Total/NA	Solid	6010D	632326
240-213568-2	T2-1625-N-0.0	Total/NA	Solid	6010D	632326
240-213568-3	T2-1625-N-2.0	Total/NA	Solid	6010D	632326
240-213568-4	T2-1625-C-2.0	Total/NA	Solid	6010D	632326
240-213568-5	T2-1750-S-0.0	Total/NA	Solid	6010D	632326
240-213568-6	T2-1750-N-0.0	Total/NA	Solid	6010D	632326
240-213568-7	T2-1820-C-1.0	Total/NA	Solid	6010D	632326
240-213568-8	T2-1820-N-0.0	Total/NA	Solid	6010D	632326
240-213568-9	T2-1820-S-0.0	Total/NA	Solid	6010D	632326
240-213568-10	T2-1820-S-2.0	Total/NA	Solid	6010D	632326
240-213568-11	T2-875-N-0.0	Total/NA	Solid	6010D	632340
240-213568-12	T2-875-S-0.0	Total/NA	Solid	6010D	632340
240-213568-13	T2-875-S-1.5	Total/NA	Solid	6010D	632340
MB 240-632326/1-A	Method Blank	Total/NA	Solid	6010D	632326
MB 240-632340/1-A	Method Blank	Total/NA	Solid	6010D	632340
LCS 240-632326/2-A	Lab Control Sample	Total/NA	Solid	6010D	632326
LCS 240-632340/2-A	Lab Control Sample	Total/NA	Solid	6010D	632340
240-213568-11 MS	T2-875-N-0.0	Total/NA	Solid	6010D	632340
240-213568-11 MSD	T2-875-N-0.0	Total/NA	Solid	6010D	632340

General Chemistry

Leach Batch: 568952

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
240-213568-1	T2-1625-S-2.0	ASTM Leach	Solid	D3987-85	
240-213568-2	T2-1625-N-0.0	ASTM Leach	Solid	D3987-85	
240-213568-3	T2-1625-N-2.0	ASTM Leach	Solid	D3987-85	
240-213568-4	T2-1625-C-2.0	ASTM Leach	Solid	D3987-85	
240-213568-5	T2-1750-S-0.0	ASTM Leach	Solid	D3987-85	
240-213568-6	T2-1750-N-0.0	ASTM Leach	Solid	D3987-85	

General Chemistry (Continued)

Leach Batch: 568952 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
240-213568-7	T2-1820-C-1.0	ASTM Leach	Solid	D3987-85	
240-213568-8	T2-1820-N-0.0	ASTM Leach	Solid	D3987-85	
240-213568-9	T2-1820-S-0.0	ASTM Leach	Solid	D3987-85	
240-213568-10	T2-1820-S-2.0	ASTM Leach	Solid	D3987-85	
240-213568-11	T2-875-N-0.0	ASTM Leach	Solid	D3987-85	
240-213568-12	T2-875-S-0.0	ASTM Leach	Solid	D3987-85	
240-213568-13	T2-875-S-1.5	ASTM Leach	Solid	D3987-85	
240-213568-11 MS	T2-875-N-0.0	ASTM Leach	Solid	D3987-85	
240-213568-11 MSD	T2-875-N-0.0	ASTM Leach	Solid	D3987-85	

Prep Batch: 571513

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
240-213568-1	T2-1625-S-2.0	Total/NA	Solid	3060A	
240-213568-2	T2-1625-N-0.0	Total/NA	Solid	3060A	
240-213568-3	T2-1625-N-2.0	Total/NA	Solid	3060A	
240-213568-4	T2-1625-C-2.0	Total/NA	Solid	3060A	
240-213568-5	T2-1750-S-0.0	Total/NA	Solid	3060A	
240-213568-6	T2-1750-N-0.0	Total/NA	Solid	3060A	
240-213568-7	T2-1820-C-1.0	Total/NA	Solid	3060A	
240-213568-8	T2-1820-N-0.0	Total/NA	Solid	3060A	
240-213568-9	T2-1820-S-0.0	Total/NA	Solid	3060A	
240-213568-10	T2-1820-S-2.0	Total/NA	Solid	3060A	
240-213568-11	T2-875-N-0.0	Total/NA	Solid	3060A	
240-213568-12	T2-875-S-0.0	Total/NA	Solid	3060A	
240-213568-13	T2-875-S-1.5	Total/NA	Solid	3060A	
MB 410-571513/1-A	Method Blank	Total/NA	Solid	3060A	
LCS 410-571513/2-A	Lab Control Sample	Total/NA	Solid	3060A	
LCSI 410-571513/3-A	Lab Control Sample	Total/NA	Solid	3060A	
240-213568-11 MSI	T2-875-N-0.0	Total/NA	Solid	3060A	
240-213568-11 MSS	T2-875-N-0.0	Total/NA	Solid	3060A	
240-213568-11 DU	T2-875-N-0.0	Total/NA	Solid	3060A	

Analysis Batch: 572139

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
240-213568-1	T2-1625-S-2.0	Total/NA	Solid	7196A	571513
240-213568-2	T2-1625-N-0.0	Total/NA	Solid	7196A	571513
240-213568-3	T2-1625-N-2.0	Total/NA	Solid	7196A	571513
240-213568-4	T2-1625-C-2.0	Total/NA	Solid	7196A	571513
240-213568-5	T2-1750-S-0.0	Total/NA	Solid	7196A	571513
240-213568-6	T2-1750-N-0.0	Total/NA	Solid	7196A	571513
240-213568-7	T2-1820-C-1.0	Total/NA	Solid	7196A	571513
240-213568-8	T2-1820-N-0.0	Total/NA	Solid	7196A	571513
240-213568-9	T2-1820-S-0.0	Total/NA	Solid	7196A	571513
240-213568-10	T2-1820-S-2.0	Total/NA	Solid	7196A	571513
240-213568-11	T2-875-N-0.0	Total/NA	Solid	7196A	571513
240-213568-12	T2-875-S-0.0	Total/NA	Solid	7196A	571513
240-213568-13	T2-875-S-1.5	Total/NA	Solid	7196A	571513
MB 410-571513/1-A	Method Blank	Total/NA	Solid	7196A	571513
LCS 410-571513/2-A	Lab Control Sample	Total/NA	Solid	7196A	571513
LCSI 410-571513/3-A	Lab Control Sample	Total/NA	Solid	7196A	571513
240-213568-11 MSI	T2-875-N-0.0	Total/NA	Solid	7196A	571513

General Chemistry (Continued)

Analysis Batch: 572139 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
240-213568-11 MSS	T2-875-N-0.0	Total/NA	Solid	7196A	571513
240-213568-11 DU	T2-875-N-0.0	Total/NA	Solid	7196A	571513

Analysis Batch: 572293

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
240-213568-1	T2-1625-S-2.0	ASTM Leach	Solid	OIA-1677	568952
240-213568-2	T2-1625-N-0.0	ASTM Leach	Solid	OIA-1677	568952
240-213568-3	T2-1625-N-2.0	ASTM Leach	Solid	OIA-1677	568952
240-213568-7	T2-1820-C-1.0	ASTM Leach	Solid	OIA-1677	568952
240-213568-10	T2-1820-S-2.0	ASTM Leach	Solid	OIA-1677	568952
240-213568-11	T2-875-N-0.0	ASTM Leach	Solid	OIA-1677	568952
240-213568-12	T2-875-S-0.0	ASTM Leach	Solid	OIA-1677	568952
240-213568-13	T2-875-S-1.5	ASTM Leach	Solid	OIA-1677	568952
MB 410-572293/17	Method Blank	Total/NA	Solid	OIA-1677	
MB 410-572293/33	Method Blank	Total/NA	Solid	OIA-1677	
LCS 410-572293/16	Lab Control Sample	Total/NA	Solid	OIA-1677	
LCS 410-572293/32	Lab Control Sample	Total/NA	Solid	OIA-1677	
240-213568-11 MS	T2-875-N-0.0	ASTM Leach	Solid	OIA-1677	568952
240-213568-11 MSD	T2-875-N-0.0	ASTM Leach	Solid	OIA-1677	568952

Analysis Batch: 573350

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
240-213568-4	T2-1625-C-2.0	ASTM Leach	Solid	OIA-1677	568952
240-213568-6	T2-1750-N-0.0	ASTM Leach	Solid	OIA-1677	568952
240-213568-8	T2-1820-N-0.0	ASTM Leach	Solid	OIA-1677	568952
MB 410-573350/17	Method Blank	Total/NA	Solid	OIA-1677	
MB 410-573350/33	Method Blank	Total/NA	Solid	OIA-1677	
LCS 410-573350/32	Lab Control Sample	Total/NA	Solid	OIA-1677	

Analysis Batch: 573369

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
240-213568-5	T2-1750-S-0.0	ASTM Leach	Solid	OIA-1677	568952
240-213568-9	T2-1820-S-0.0	ASTM Leach	Solid	OIA-1677	568952
MB 410-573369/17	Method Blank	Total/NA	Solid	OIA-1677	
LCS 410-573369/16	Lab Control Sample	Total/NA	Solid	OIA-1677	

Analysis Batch: 632356

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
240-213568-1	T2-1625-S-2.0	Total/NA	Solid	Moisture	
240-213568-2	T2-1625-N-0.0	Total/NA	Solid	Moisture	
240-213568-3	T2-1625-N-2.0	Total/NA	Solid	Moisture	
240-213568-4	T2-1625-C-2.0	Total/NA	Solid	Moisture	
240-213568-5	T2-1750-S-0.0	Total/NA	Solid	Moisture	
240-213568-6	T2-1750-N-0.0	Total/NA	Solid	Moisture	
240-213568-7	T2-1820-C-1.0	Total/NA	Solid	Moisture	
240-213568-8	T2-1820-N-0.0	Total/NA	Solid	Moisture	
240-213568-9	T2-1820-S-0.0	Total/NA	Solid	Moisture	
240-213568-10	T2-1820-S-2.0	Total/NA	Solid	Moisture	
240-213568-11	T2-875-N-0.0	Total/NA	Solid	Moisture	
240-213568-12	T2-875-S-0.0	Total/NA	Solid	Moisture	
240-213568-13	T2-875-S-1.5	Total/NA	Solid	Moisture	

General Chemistry (Continued)

Analysis Batch: 632356 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
240-213568-1 DU	T2-1625-S-2.0	Total/NA	Solid	Moisture	
240-213568-11 DU	T2-875-N-0.0	Total/NA	Solid	Moisture	

Prep Batch: 633870

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
240-213568-1	T2-1625-S-2.0	Total/NA	Solid	9012B	
240-213568-2	T2-1625-N-0.0	Total/NA	Solid	9012B	
240-213568-3	T2-1625-N-2.0	Total/NA	Solid	9012B	
240-213568-4	T2-1625-C-2.0	Total/NA	Solid	9012B	
240-213568-5	T2-1750-S-0.0	Total/NA	Solid	9012B	
240-213568-6	T2-1750-N-0.0	Total/NA	Solid	9012B	
240-213568-7	T2-1820-C-1.0	Total/NA	Solid	9012B	
240-213568-8	T2-1820-N-0.0	Total/NA	Solid	9012B	
240-213568-10	T2-1820-S-2.0	Total/NA	Solid	9012B	
240-213568-11	T2-875-N-0.0	Total/NA	Solid	9012B	
MB 240-633870/1-A	Method Blank	Total/NA	Solid	9012B	
LCS 240-633870/2-A	Lab Control Sample	Total/NA	Solid	9012B	
240-213568-11 MS	T2-875-N-0.0	Total/NA	Solid	9012B	
240-213568-11 MSD	T2-875-N-0.0	Total/NA	Solid	9012B	

Analysis Batch: 633889

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
240-213568-1	T2-1625-S-2.0	Total/NA	Solid	9012B	633870
240-213568-2	T2-1625-N-0.0	Total/NA	Solid	9012B	633870
240-213568-3	T2-1625-N-2.0	Total/NA	Solid	9012B	633870
240-213568-4	T2-1625-C-2.0	Total/NA	Solid	9012B	633870
240-213568-5	T2-1750-S-0.0	Total/NA	Solid	9012B	633870
240-213568-6	T2-1750-N-0.0	Total/NA	Solid	9012B	633870
240-213568-7	T2-1820-C-1.0	Total/NA	Solid	9012B	633870
240-213568-8	T2-1820-N-0.0	Total/NA	Solid	9012B	633870
240-213568-10	T2-1820-S-2.0	Total/NA	Solid	9012B	633870
240-213568-11	T2-875-N-0.0	Total/NA	Solid	9012B	633870
MB 240-633870/1-A	Method Blank	Total/NA	Solid	9012B	633870
LCS 240-633870/2-A	Lab Control Sample	Total/NA	Solid	9012B	633870
240-213568-11 MS	T2-875-N-0.0	Total/NA	Solid	9012B	633870
240-213568-11 MSD	T2-875-N-0.0	Total/NA	Solid	9012B	633870

Prep Batch: 634014

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
240-213568-9	T2-1820-S-0.0	Total/NA	Solid	9012B	
240-213568-12	T2-875-S-0.0	Total/NA	Solid	9012B	
240-213568-13	T2-875-S-1.5	Total/NA	Solid	9012B	
MB 240-634014/1-A	Method Blank	Total/NA	Solid	9012B	
LCS 240-634014/2-A	Lab Control Sample	Total/NA	Solid	9012B	

Analysis Batch: 634057

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
240-213568-9	T2-1820-S-0.0	Total/NA	Solid	9012B	634014
240-213568-12	T2-875-S-0.0	Total/NA	Solid	9012B	634014
240-213568-13	T2-875-S-1.5	Total/NA	Solid	9012B	634014
MB 240-634014/1-A	Method Blank	Total/NA	Solid	9012B	634014

General Chemistry (Continued)

Analysis Batch: 634057 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
LCS 240-634014/2-A	Lab Control Sample	Total/NA	Solid	9012B	634014

Client Sample ID: T2-1625-S-2.0
Lab Sample ID: 240-213568-1

Date Collected: 10/23/24 08:40
Matrix: Solid
Date Received: 10/23/24 16:10

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	Moisture		1	632356	BLW	EET CLE	10/24/24 16:18
ASTM Leach	Leach	D3987-85			568952	UNWS	ELLE	10/29/24 14:31 - 10/30/24 08:15 [1]
ASTM Leach	Analysis	OIA-1677		1	572293	UJE2	ELLE	11/06/24 13:12

Client Sample ID: T2-1625-S-2.0
Lab Sample ID: 240-213568-1

Date Collected: 10/23/24 08:40
Matrix: Solid
Date Received: 10/23/24 16:10
Percent Solids: 81.3

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	3546			632273	BV1	EET CLE	10/24/24 10:07
Total/NA	Analysis	8270E		1	632686	JMG	EET CLE	10/28/24 16:47
Total/NA	Prep	3050B			632326	DEE	EET CLE	10/24/24 15:00
Total/NA	Analysis	6010D		1	632536	RKT	EET CLE	10/26/24 03:17
Total/NA	Prep	7471B			632328	DEE	EET CLE	10/24/24 15:00
Total/NA	Analysis	7471B		1	632513	S4FJ	EET CLE	10/25/24 09:58
Total/NA	Prep	3060A			571513	W2JF	ELLE	11/05/24 12:51
Total/NA	Analysis	7196A		1	572139	UDS7	ELLE	11/06/24 18:34
Total/NA	Prep	9012B			633870	VH6H	EET CLE	11/04/24 14:48
Total/NA	Analysis	9012B		1	633889	VH6H	EET CLE	11/04/24 16:57

Client Sample ID: T2-1625-N-0.0
Lab Sample ID: 240-213568-2

Date Collected: 10/23/24 08:55
Matrix: Solid
Date Received: 10/23/24 16:10

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	Moisture		1	632356	BLW	EET CLE	10/24/24 16:18
ASTM Leach	Leach	D3987-85			568952	UNWS	ELLE	10/29/24 14:31 - 10/30/24 08:15 [1]
ASTM Leach	Analysis	OIA-1677		1	572293	UJE2	ELLE	11/06/24 13:10

Client Sample ID: T2-1625-N-0.0
Lab Sample ID: 240-213568-2

Date Collected: 10/23/24 08:55
Matrix: Solid
Date Received: 10/23/24 16:10
Percent Solids: 58.2

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	3546			632273	BV1	EET CLE	10/24/24 10:07
Total/NA	Analysis	8270E		1	632686	JMG	EET CLE	10/28/24 17:10
Total/NA	Prep	3050B			632326	DEE	EET CLE	10/24/24 15:00
Total/NA	Analysis	6010D		1	632536	RKT	EET CLE	10/26/24 03:21
Total/NA	Prep	7471B			632328	DEE	EET CLE	10/24/24 15:00
Total/NA	Analysis	7471B		1	632513	S4FJ	EET CLE	10/25/24 09:59
Total/NA	Prep	3060A			571513	W2JF	ELLE	11/05/24 12:51
Total/NA	Analysis	7196A		1	572139	UDS7	ELLE	11/06/24 18:34
Total/NA	Prep	9012B			633870	VH6H	EET CLE	11/04/24 14:48
Total/NA	Analysis	9012B		25	633889	VH6H	EET CLE	11/04/24 17:02

Client Sample ID: T2-1625-N-2.0 — **Lab Sample ID: 240-213568-3**
Date Collected: 10/23/24 09:05 — **Matrix: Solid**
Date Received: 10/23/24 16:10

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	Moisture		1	632356	BLW	EET CLE	10/24/24 16:18
ASTM Leach	Leach	D3987-85			568952	UNWS	ELLE	10/29/24 14:31 - 10/30/24 08:15 [1]
ASTM Leach	Analysis	OIA-1677		1	572293	UJE2	ELLE	11/06/24 12:55

Client Sample ID: T2-1625-N-2.0 — **Lab Sample ID: 240-213568-3**
Date Collected: 10/23/24 09:05 — **Matrix: Solid**
Date Received: 10/23/24 16:10 — **Percent Solids: 76.5**

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	3546			632273	BV1	EET CLE	10/24/24 10:07
Total/NA	Analysis	8270E		1	632686	JMG	EET CLE	10/28/24 19:53
Total/NA	Prep	3050B			632326	DEE	EET CLE	10/24/24 15:00
Total/NA	Analysis	6010D		1	632536	RKT	EET CLE	10/26/24 03:25
Total/NA	Prep	7471B			632328	DEE	EET CLE	10/24/24 15:00
Total/NA	Analysis	7471B		1	632513	S4FJ	EET CLE	10/25/24 10:01
Total/NA	Prep	3060A			571513	W2JF	ELLE	11/05/24 12:51
Total/NA	Analysis	7196A		1	572139	UDS7	ELLE	11/06/24 18:34
Total/NA	Prep	9012B			633870	VH6H	EET CLE	11/04/24 14:48
Total/NA	Analysis	9012B		1	633889	VH6H	EET CLE	11/04/24 17:08

Client Sample ID: T2-1625-C-2.0 — **Lab Sample ID: 240-213568-4**
Date Collected: 10/23/24 09:30 — **Matrix: Solid**
Date Received: 10/23/24 16:10

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	Moisture		1	632356	BLW	EET CLE	10/24/24 16:18
ASTM Leach	Leach	D3987-85			568952	UNWS	ELLE	10/29/24 14:31 - 10/30/24 08:15 [1]
ASTM Leach	Analysis	OIA-1677		1	573350	UJE2	ELLE	11/09/24 16:58

Client Sample ID: T2-1625-C-2.0 — **Lab Sample ID: 240-213568-4**
Date Collected: 10/23/24 09:30 — **Matrix: Solid**
Date Received: 10/23/24 16:10 — **Percent Solids: 75.1**

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	3546			632273	BV1	EET CLE	10/24/24 10:07
Total/NA	Analysis	8270E		1	632425	JMG	EET CLE	10/25/24 16:07
Total/NA	Prep	3050B			632326	DEE	EET CLE	10/24/24 15:00
Total/NA	Analysis	6010D		1	632536	RKT	EET CLE	10/26/24 03:38
Total/NA	Prep	7471B			632328	DEE	EET CLE	10/24/24 15:00
Total/NA	Analysis	7471B		1	632513	S4FJ	EET CLE	10/25/24 10:03
Total/NA	Prep	3060A			571513	W2JF	ELLE	11/05/24 12:51
Total/NA	Analysis	7196A		1	572139	UDS7	ELLE	11/06/24 18:34
Total/NA	Prep	9012B			633870	VH6H	EET CLE	11/04/24 14:48
Total/NA	Analysis	9012B		25	633889	VH6H	EET CLE	11/04/24 17:12

Client Sample ID: T2-1750-S-0.0 — **Lab Sample ID: 240-213568-5**
Date Collected: 10/23/24 10:00 — **Matrix: Solid**
Date Received: 10/23/24 16:10

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	Moisture		1	632356	BLW	EET CLE	10/24/24 16:18
ASTM Leach	Leach	D3987-85			568952	UNWS	ELLE	10/29/24 14:31 - 10/30/24 08:15 [1]
ASTM Leach	Analysis	OIA-1677		1	573369	UJE2	ELLE	11/10/24 15:52

Client Sample ID: T2-1750-S-0.0 — **Lab Sample ID: 240-213568-5**
Date Collected: 10/23/24 10:00 — **Matrix: Solid**
Date Received: 10/23/24 16:10 — **Percent Solids: 58.1**

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	3546			632273	BV1	EET CLE	10/24/24 10:07
Total/NA	Analysis	8270E		1	632686	JMG	EET CLE	10/28/24 17:33
Total/NA	Prep	3050B			632326	DEE	EET CLE	10/24/24 15:00
Total/NA	Analysis	6010D		1	632536	RKT	EET CLE	10/26/24 03:42
Total/NA	Prep	7471B			632328	DEE	EET CLE	10/24/24 15:00
Total/NA	Analysis	7471B		1	632513	S4FJ	EET CLE	10/25/24 10:04
Total/NA	Prep	3060A			571513	W2JF	ELLE	11/05/24 12:51
Total/NA	Analysis	7196A		1	572139	UDS7	ELLE	11/06/24 18:34
Total/NA	Prep	9012B			633870	VH6H	EET CLE	11/04/24 14:48
Total/NA	Analysis	9012B		1	633889	VH6H	EET CLE	11/04/24 17:14

Client Sample ID: T2-1750-N-0.0 — **Lab Sample ID: 240-213568-6**
Date Collected: 10/23/24 10:20 — **Matrix: Solid**
Date Received: 10/23/24 16:10

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	Moisture		1	632356	BLW	EET CLE	10/24/24 16:18
ASTM Leach	Leach	D3987-85			568952	UNWS	ELLE	10/29/24 14:31 - 10/30/24 08:15 [1]
ASTM Leach	Analysis	OIA-1677		1	573350	UJE2	ELLE	11/09/24 17:05

Client Sample ID: T2-1750-N-0.0 — **Lab Sample ID: 240-213568-6**
Date Collected: 10/23/24 10:20 — **Matrix: Solid**
Date Received: 10/23/24 16:10 — **Percent Solids: 74.4**

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	3546			632273	BV1	EET CLE	10/24/24 10:07
Total/NA	Analysis	8270E		1	632686	JMG	EET CLE	10/28/24 17:57
Total/NA	Prep	3050B			632326	DEE	EET CLE	10/24/24 15:00
Total/NA	Analysis	6010D		1	632536	RKT	EET CLE	10/26/24 03:47
Total/NA	Prep	7471B			632328	DEE	EET CLE	10/24/24 15:00
Total/NA	Analysis	7471B		1	632513	S4FJ	EET CLE	10/25/24 10:10
Total/NA	Prep	3060A			571513	W2JF	ELLE	11/05/24 12:51
Total/NA	Analysis	7196A		1	572139	UDS7	ELLE	11/06/24 18:34
Total/NA	Prep	9012B			633870	VH6H	EET CLE	11/04/24 14:48
Total/NA	Analysis	9012B		1	633889	VH6H	EET CLE	11/04/24 17:15

Client Sample ID: T2-1820-C-1.0 — **Lab Sample ID: 240-213568-7**
Date Collected: 10/23/24 10:45 — **Matrix: Solid**
Date Received: 10/23/24 16:10

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	Moisture		1	632356	BLW	EET CLE	10/24/24 16:18
ASTM Leach	Leach	D3987-85			568952	UNWS	ELLE	10/29/24 14:31 - 10/30/24 08:15 [1]
ASTM Leach	Analysis	OIA-1677		1	572293	UJE2	ELLE	11/06/24 12:50

Client Sample ID: T2-1820-C-1.0 — **Lab Sample ID: 240-213568-7**
Date Collected: 10/23/24 10:45 — **Matrix: Solid**
Date Received: 10/23/24 16:10 — **Percent Solids: 82.8**

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	3546			632273	BV1	EET CLE	10/24/24 10:07
Total/NA	Analysis	8270E		1	632686	JMG	EET CLE	10/28/24 20:17
Total/NA	Prep	3050B			632326	DEE	EET CLE	10/24/24 15:00
Total/NA	Analysis	6010D		1	632536	RKT	EET CLE	10/26/24 03:51
Total/NA	Prep	7471B			632328	DEE	EET CLE	10/24/24 15:00
Total/NA	Analysis	7471B		1	632513	S4FJ	EET CLE	10/25/24 10:11
Total/NA	Prep	3060A			571513	W2JF	ELLE	11/05/24 12:51
Total/NA	Analysis	7196A		1	572139	UDS7	ELLE	11/06/24 18:34
Total/NA	Prep	9012B			633870	VH6H	EET CLE	11/04/24 14:48
Total/NA	Analysis	9012B		1	633889	VH6H	EET CLE	11/04/24 17:35

Client Sample ID: T2-1820-N-0.0 — **Lab Sample ID: 240-213568-8**
Date Collected: 10/23/24 10:50 — **Matrix: Solid**
Date Received: 10/23/24 16:10

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	Moisture		1	632356	BLW	EET CLE	10/24/24 16:18
ASTM Leach	Leach	D3987-85			568952	UNWS	ELLE	10/29/24 14:31 - 10/30/24 08:15 [1]
ASTM Leach	Analysis	OIA-1677		1	573350	UJE2	ELLE	11/09/24 17:03

Client Sample ID: T2-1820-N-0.0 — **Lab Sample ID: 240-213568-8**
Date Collected: 10/23/24 10:50 — **Matrix: Solid**
Date Received: 10/23/24 16:10 — **Percent Solids: 63.5**

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	3546			632273	BV1	EET CLE	10/24/24 10:07
Total/NA	Analysis	8270E		5	632425	JMG	EET CLE	10/25/24 18:29
Total/NA	Prep	3050B			632326	DEE	EET CLE	10/24/24 15:00
Total/NA	Analysis	6010D		1	632536	RKT	EET CLE	10/26/24 03:55
Total/NA	Prep	7471B			632328	DEE	EET CLE	10/24/24 15:00
Total/NA	Analysis	7471B		1	632513	S4FJ	EET CLE	10/25/24 10:13
Total/NA	Prep	3060A			571513	W2JF	ELLE	11/05/24 12:51
Total/NA	Analysis	7196A		1	572139	UDS7	ELLE	11/06/24 18:34
Total/NA	Prep	9012B			633870	VH6H	EET CLE	11/04/24 14:48
Total/NA	Analysis	9012B		1	633889	VH6H	EET CLE	11/04/24 17:36

Client Sample ID: T2-1820-S-0.0
Lab Sample ID: 240-213568-9
Date Collected: 10/23/24 11:15
Matrix: Solid
Date Received: 10/23/24 16:10

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	Moisture		1	632356	BLW	EET CLE	10/24/24 16:18
ASTM Leach	Leach	D3987-85			568952	UNWS	ELLE	10/29/24 14:31 - 10/30/24 08:15 [1]
ASTM Leach	Analysis	OIA-1677		1	573369	UJE2	ELLE	11/10/24 15:49

Client Sample ID: T2-1820-S-0.0
Lab Sample ID: 240-213568-9
Date Collected: 10/23/24 11:15
Matrix: Solid
Date Received: 10/23/24 16:10
Percent Solids: 77.8

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	3546			632273	BV1	EET CLE	10/24/24 10:07
Total/NA	Analysis	8270E		1	632686	JMG	EET CLE	10/28/24 20:40
Total/NA	Prep	3050B			632326	DEE	EET CLE	10/24/24 15:00
Total/NA	Analysis	6010D		1	632536	RKT	EET CLE	10/26/24 04:00
Total/NA	Prep	7471B			632328	DEE	EET CLE	10/24/24 15:00
Total/NA	Analysis	7471B		1	632513	S4FJ	EET CLE	10/25/24 10:15
Total/NA	Prep	3060A			571513	W2JF	ELLE	11/05/24 12:51
Total/NA	Analysis	7196A		1	572139	UDS7	ELLE	11/06/24 18:34
Total/NA	Prep	9012B			634014	BLW	EET CLE	11/05/24 11:32
Total/NA	Analysis	9012B		1	634057	BLW	EET CLE	11/05/24 14:01

Client Sample ID: T2-1820-S-2.0
Lab Sample ID: 240-213568-10
Date Collected: 10/23/24 11:30
Matrix: Solid
Date Received: 10/23/24 16:10

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	Moisture		1	632356	BLW	EET CLE	10/24/24 16:18
ASTM Leach	Leach	D3987-85			568952	UNWS	ELLE	10/29/24 14:31 - 10/30/24 08:15 [1]
ASTM Leach	Analysis	OIA-1677		1	572293	UJE2	ELLE	11/06/24 13:15

Client Sample ID: T2-1820-S-2.0
Lab Sample ID: 240-213568-10
Date Collected: 10/23/24 11:30
Matrix: Solid
Date Received: 10/23/24 16:10
Percent Solids: 82.6

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	3546			632273	BV1	EET CLE	10/24/24 10:07
Total/NA	Analysis	8270E		1	632425	JMG	EET CLE	10/25/24 23:37
Total/NA	Prep	3050B			632326	DEE	EET CLE	10/24/24 15:00
Total/NA	Analysis	6010D		1	632536	RKT	EET CLE	10/26/24 04:04
Total/NA	Prep	7471B			632328	DEE	EET CLE	10/24/24 15:00
Total/NA	Analysis	7471B		1	632513	S4FJ	EET CLE	10/25/24 10:16
Total/NA	Prep	3060A			571513	W2JF	ELLE	11/05/24 12:51
Total/NA	Analysis	7196A		1	572139	UDS7	ELLE	11/06/24 18:34
Total/NA	Prep	9012B			633870	VH6H	EET CLE	11/04/24 14:48
Total/NA	Analysis	9012B		1	633889	VH6H	EET CLE	11/04/24 17:22

Client Sample ID: T2-875-N-0.0 — **Lab Sample ID: 240-213568-11**
Date Collected: 10/23/24 12:50 — **Matrix: Solid**
Date Received: 10/23/24 16:10

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	Moisture		1	632356	BLW	EET CLE	10/24/24 16:18
ASTM Leach	Leach	D3987-85			568952	UNWS	ELLE	10/29/24 14:31 - 10/30/24 08:15 [1]
ASTM Leach	Analysis	OIA-1677		1	572293	UJE2	ELLE	11/06/24 12:42

Client Sample ID: T2-875-N-0.0 — **Lab Sample ID: 240-213568-11**
Date Collected: 10/23/24 12:50 — **Matrix: Solid**
Date Received: 10/23/24 16:10 — **Percent Solids: 77.4**

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	3546			632273	BV1	EET CLE	10/24/24 10:07
Total/NA	Analysis	8270E		1	632686	JMG	EET CLE	10/28/24 18:20
Total/NA	Prep	3050B			632340	DEE	EET CLE	10/24/24 15:00
Total/NA	Analysis	6010D		1	632536	RKT	EET CLE	10/25/24 11:47
Total/NA	Prep	7471B			632341	DEE	EET CLE	10/24/24 15:00
Total/NA	Analysis	7471B		1	632513	S4FJ	EET CLE	10/25/24 10:21
Total/NA	Prep	3060A			571513	W2JF	ELLE	11/05/24 12:51
Total/NA	Analysis	7196A		1	572139	UDS7	ELLE	11/06/24 18:34
Total/NA	Prep	9012B			633870	VH6H	EET CLE	11/04/24 14:48
Total/NA	Analysis	9012B		1	633889	VH6H	EET CLE	11/04/24 17:17

Client Sample ID: T2-875-S-0.0 — **Lab Sample ID: 240-213568-12**
Date Collected: 10/23/24 13:45 — **Matrix: Solid**
Date Received: 10/23/24 16:10

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	Moisture		1	632356	BLW	EET CLE	10/24/24 16:18
ASTM Leach	Leach	D3987-85			568952	UNWS	ELLE	10/29/24 14:31 - 10/30/24 08:15 [1]
ASTM Leach	Analysis	OIA-1677		1	572293	UJE2	ELLE	11/06/24 12:30

Client Sample ID: T2-875-S-0.0 — **Lab Sample ID: 240-213568-12**
Date Collected: 10/23/24 13:45 — **Matrix: Solid**
Date Received: 10/23/24 16:10 — **Percent Solids: 65.5**

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	3546			632273	BV1	EET CLE	10/24/24 10:07
Total/NA	Analysis	8270E		1	632425	JMG	EET CLE	10/25/24 20:51
Total/NA	Prep	3050B			632340	DEE	EET CLE	10/24/24 15:00
Total/NA	Analysis	6010D		1	632536	RKT	EET CLE	10/25/24 12:17
Total/NA	Prep	7471B			632341	DEE	EET CLE	10/24/24 15:00
Total/NA	Analysis	7471B		1	632513	S4FJ	EET CLE	10/25/24 10:30
Total/NA	Prep	3060A			571513	W2JF	ELLE	11/05/24 12:51
Total/NA	Analysis	7196A		1	572139	UDS7	ELLE	11/06/24 18:34
Total/NA	Prep	9012B			634014	BLW	EET CLE	11/05/24 11:32
Total/NA	Analysis	9012B		25	634057	BLW	EET CLE	11/05/24 14:05

Client Sample ID: T2-875-S-1.5
Lab Sample ID: 240-213568-13
Date Collected: 10/23/24 14:05
Matrix: Solid
Date Received: 10/23/24 16:10

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	Moisture		1	632356	BLW	EET CLE	10/24/24 16:18
ASTM Leach	Leach	D3987-85			568952	UNWS	ELLE	10/29/24 14:31 - 10/30/24 08:15 [1]
ASTM Leach	Analysis	OIA-1677		1	572293	UJE2	ELLE	11/06/24 13:00

Client Sample ID: T2-875-S-1.5
Lab Sample ID: 240-213568-13
Date Collected: 10/23/24 14:05
Matrix: Solid
Date Received: 10/23/24 16:10
Percent Solids: 78.4

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	3546			632273	BV1	EET CLE	10/24/24 10:07
Total/NA	Analysis	8270E		1	632686	JMG	EET CLE	10/28/24 19:30
Total/NA	Prep	3050B			632340	DEE	EET CLE	10/24/24 15:00
Total/NA	Analysis	6010D		1	632536	RKT	EET CLE	10/25/24 12:21
Total/NA	Prep	7471B			632341	DEE	EET CLE	10/24/24 15:00
Total/NA	Analysis	7471B		1	632513	S4FJ	EET CLE	10/25/24 10:32
Total/NA	Prep	3060A			571513	W2JF	ELLE	11/05/24 12:51
Total/NA	Analysis	7196A		1	572139	UDS7	ELLE	11/06/24 18:34
Total/NA	Prep	9012B			634014	BLW	EET CLE	11/05/24 11:32
Total/NA	Analysis	9012B		1	634057	BLW	EET CLE	11/05/24 14:07

Client Sample ID: TB-6-20241023
Lab Sample ID: 240-213568-14
Date Collected: 10/23/24 14:20
Matrix: Water
Date Received: 10/23/24 16:10

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260D		1	633597	LEE	EET CLE	11/02/24 00:10

[1] This procedure uses a method stipulated length of time for the process. Both start and end times are displayed.

Laboratory References:

EET CLE = Eurofins Cleveland, 180 S. Van Buren Avenue, Barberton, OH 44203, TEL (330)497-9396

ELLE = Eurofins Lancaster Laboratories Environment Testing, LLC, 2425 New Holland Pike, Lancaster, PA 17601, TEL (717)656-2300

Accreditation/Certification Summary

Client: August Mack Environmental, Inc. Job ID: 240-213568-1
Project/Site: MSC Canfield - N. Ditch Sampling

Laboratory: Eurofins Cleveland

All accreditations/certifications held by this laboratory are listed. Not all accreditations/certifications are applicable to this report.

Authority	Program	Identification Number	Expiration Date
California	State	2927	02-28-25
Connecticut	State	PH-0806	12-31-26
Georgia	State	4062	02-27-25
Illinois	NELAP	200004	08-31-25
Iowa	State	421	06-01-25
Kentucky (UST)	State	112225	02-27-25
Kentucky (WW)	State	KY98016	12-30-24
Minnesota	NELAP	039-999-348	12-31-24
New Hampshire	NELAP	225024	09-30-25
New Jersey	NELAP	OH001	07-03-25
New York	NELAP	10975	04-02-25
Ohio VAP	State	ORELAP 4062	02-27-25
Oregon	NELAP	4062	02-27-25
Pennsylvania	NELAP	68-00340	08-31-25
Texas	NELAP	T104704517-22-19	08-31-25
USDA	US Federal Programs	P330-18-00281	01-05-27
Virginia	NELAP	460175	09-14-25
West Virginia DEP	State	210	12-31-24

Laboratory: Eurofins Lancaster Laboratories Environment Testing, LLC

All accreditations/certifications held by this laboratory are listed. Not all accreditations/certifications are applicable to this report.

Authority	Program	Identification Number	Expiration Date
A2LA	Dept. of Defense ELAP	0001.01	11-30-26
A2LA	ISO/IEC 17025	0001.01	11-30-26
Alabama	State	43200	01-31-25
Alaska	State	PA00009	06-30-25
Alaska (UST)	State	17-027	02-28-25
Arizona	State	AZ0780	03-12-25
Arkansas DEQ	State	88-00660	08-09-25
California	State	2792	11-30-24
Colorado	State	PA00009	06-30-25
Connecticut	State	PH-0746	06-30-25
DE Haz. Subst. Cleanup Act (HSCA)	State	019-006 (PA cert)	01-31-25
Delaware (DW)	State	N/A	01-31-25
Florida	NELAP	E87997	06-30-25
Georgia (DW)	State	C048	01-31-25
Hawaii	State	N/A	01-31-25
Illinois	NELAP	200027	01-31-25
Iowa	State	361	03-01-26
Kansas	NELAP	E-10151	10-31-25
Kentucky (DW)	State	KY90088	12-31-24
Kentucky (UST)	State	0001.01	11-30-26
Kentucky (WW)	State	KY90088	12-31-24
Louisiana (All)	NELAP	02055	06-30-25
Maine	State	2019012	03-12-25
Maryland	State	100	06-30-25
Massachusetts	State	M-PA009	06-30-25
Michigan	State	9930	01-31-25
Minnesota	NELAP	042-999-487	12-31-24

Accreditation/Certification Summary

Client: August Mack Environmental, Inc. Job ID: 240-213568-1
Project/Site: MSC Canfield - N. Ditch Sampling

Laboratory: Eurofins Lancaster Laboratories Environment Testing, LLC (Continued)

All accreditations/certifications held by this laboratory are listed. Not all accreditations/certifications are applicable to this report.

Authority	Program	Identification Number	Expiration Date
Mississippi	State	023	01-31-25
Missouri	State	450	01-31-25
Montana (DW)	State	0098	01-01-25
Nebraska	State	NE-OS-32-17	01-31-25
New Hampshire	NELAP	2730	01-10-25
New Jersey	NELAP	PA011	06-30-25
New York	NELAP	10670	04-01-25
North Carolina (DW)	State	42705	07-31-25
North Carolina (WW/SW)	State	521	12-31-25
North Dakota	State	R-205	01-31-24 *
Oklahoma	NELAP	9804	08-31-24 *
Oregon	NELAP	PA200001	09-11-25
Pennsylvania	NELAP	36-00037	01-31-25
Quebec Ministry of Environment and Fight against Climate Change	PALA	507	09-16-29
Rhode Island	State	LAO00338	12-30-24
South Carolina	State	89002	01-31-25
Tennessee	State	02838	01-31-25
Texas	NELAP	T104704194-23-46	08-31-25
USDA	US Federal Programs	525-22-298-19481	10-25-25
Vermont	State	VT - 36037	10-28-25
Virginia	NELAP	460182	06-14-25
Washington	State	C457	04-11-25
West Virginia (DW)	State	9906 C	01-31-25
West Virginia DEP	State	055	07-31-25
Wyoming	State	8TMS-L	01-31-25
Wyoming (UST)	A2LA	0001.01	11-30-26

* Accreditation/Certification renewal pending - accreditation/certification considered valid.

Eurofins Cleveland
180 S. Van Buren Avenue
Barberton, OH 44203
Phone (330) 497-9396 Phone (330) 497-0772

Chain of Custody Record

eurofins | Environment Testing

Client Information	Sampler: Elisabeth Webber	Lab PM: Kalis, Nicole A	Carrier Tracking No(s):	COC No: 240-124901-43556.4
Client Contact: Kain Lager-Lowe	Phone:	E-Mail: Nicole.Kalis@et.eurofinsus.com	State of Origin: OH	Page: ~~Page 4 of 12~~ 1 of 2
Company: August Mack Environmental, Inc.	PWSID:			Job #: JY2380.381
Address: 7830 North Central Drive, Suite B	Due Date Requested:			
City: Lewis Center	TAT Requested (days): Standard TAT			
State, Zip: OH. 43035	Compliance Project: Δ Yes Δ No			
Phone: 740-548-1515(Tel)	PO #:			
Email: klagerlowe@augustmack.com	WO #:			
Project Name: MSC Canfield ~~Soil/Surface Water~~ N Ditch Sampling	Project #: DO NOT DELETE - 24033889			
Site:	SSOW#:			

Analysis Requested

Preservation Codes:
N - None
A - HCL
B - NaOH
D - HNO3
Other:

Sample Identification	Sample Date	Sample Time	Sample Type (C=Comp, G=grab)	Matrix (W=water, S=solid, O=waste/oil, BT=Tissue, A=Air)	Field Filtered Sample (Yes or No)	Perform MS/MSD (Yes or No)	8260D - VOCs	8270E - SVOCs - PAH ONLY	8082A - PCBs	6010D, 7471B - RCRA 8, Cu & Zn	9012B - Total Cyanide	7196A - Hexavalent Chromium	1677 - Free Cyanide	Total Number of containers	Special Instructions/Note:
			Preservation Code:				N	N	N	N	N	N	N		
T2-1625-S-2.0	10-23-24	0840	G	Solid	N			X		X	X	X	X	5	
T2-1625-N-0.0	10-23-24	0855	G	Solid	N			X		X	X	X	X	5	
T2-1625-N-2.0	10-23-24	0905	G	Solid	N			X		X	X	X	X	5	
T2-1625-C-2.0	10-23-24	0930	G	Solid	N			X		X	X	X	X	5	
T2-1750-S-0.0	10-23-24	1000	G	Solid	N			X		X	X	X	X	5	
T2-1750-N-0.0	10-23-24	1020	G	Solid	N			X		X	X	X	X	5	
T2-1820-C-1.0	10-23-24	1045	G	Solid	N			X		X	X	X	X	5	
T2-1820-N-0.0	10-23-24	1050	G	Solid	N			X		X	X	X	X	5	
T2-1820-S-0.0	10-23-24	1115	G	Solid	N			X		X	X	X	X	5	
T2-1820-S-2.0	10-23-24	1130	G	Solid	N			X		X	X	X	X	5	
~~T2-875 S-0.0~~	~~10-23-24~~	1245	G	Solid	N	Y		X		X	X	X	X	15	EW 10-23-24

240-213568 COC

Possible Hazard Identification
Non-Hazard Flammable Skin Irritant Poison B Unknown Radiological

Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)
Return To Client Disposal By Lab Archive For _____ Months

Deliverable Requested: I, II, III, IV, Other (specify)

Special Instructions/QC Requirements:

Empty Kit Relinquished by:	Date:	Time:	Method of Shipment:

Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company
Elisabeth Webber	10-23-24 1430	AME		10/23/24 1430	EUR
Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company
	10-23-24 1609	EUR	JESSICA RIGDON	10-23-24 1610	
Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company

Custody Seals Intact: Δ Yes Δ No | Custody Seal No.: | Cooler Temperature(s) °C and Other Remarks:

Eurofins Cleveland
180 S. Van Buren Avenue
Barberton, OH 44203
Phone (330) 497-9396 Phone (330) 497-0772

Chain of Custody Record

eurofins | Environment Testing

Client Information	Sampler: Elisabeth Webber	Lab PM: Kalis, Nicole A	Carrier Tracking No(s):	COC No: 240-124901-43556.4
Client Contact: Kain Lager-Lowe	Phone:	E-Mail: Nicole.Kalis@et.eurofinsus.com	State of Origin: OH	Page: ~~Page 4 of 12~~ 2 of 2
Company: August Mack Environmental, Inc.	PWSID:			Job #: SY2380.381
Address: 7830 North Central Drive, Suite B	Due Date Requested:			
City: Lewis Center	TAT Requested (days): Standard TAT			
State, Zip: OH, 43035	Compliance Project: Δ Yes Δ No			
Phone: 740-548-1515(Tel)	PO #:			
Email: klagerlowe@augustmack.com	WO #:			
Project Name: MSC Canfield ~~Soil/Surface Water~~ N Ditch Sampling	Project #: DO NOT DELETE - 24033889			
Site:	SSOW#:			

Analysis Requested

Preservation Codes:
N - None
A - HCL
B - NaOH
D - HNO3
Other:

Sample Identification	Sample Date	Sample Time	Sample Type (C=Comp, G=grab)	Matrix (W=water, S=solid, O=waste/oil, BT=Tissue, A=Air)	Field Filtered Sample (Yes or No)	Perform MS/MSD (Yes or No)	8260D - VOCs	8270E - SVOCs - PAH ONLY	8082A - PCBs	6010D, 7471B - RCRA 8, Cu & Zn	9012B - Total Cyanide	7196A - Hexavalent Chromium	1677 - Free Cyanide						Total Number of containers	Special Instructions/Note:
			Preservation Code:		X	X	N	N	N	N	N	N	N						X	
T2-875-N-0.0	10-23-24	1250	G	Solid	X	Y		X		X	X	X	X						15	
T2-875-S-0.0	10-23-24	1345	G	Solid	X	N		X		X	X	X	X						5	
T2-875-S-1.5	10-23-24	1405	G	Solid	X	N		X		X	X	X	X						5	
TB-6-20241023	10-23-24	1420	G	W ~~Solid~~	N		X												1	
TB-7-20241023	10-23-24	1425	G	W ~~Solid~~	N		X												1	
				Solid																
				Solid																
				Solid																
				Solid																
				Solid																
				Solid																

Possible Hazard Identification
☐ Non-Hazard ☐ Flammable ☐ Skin Irritant ☐ Poison B ☐ Unknown ☐ Radiological

Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)
☐ Return To Client ☐ Disposal By Lab ☐ Archive For _____ Months

Deliverable Requested: I, II, III, IV, Other (specify)

Special Instructions/QC Requirements:

Empty Kit Relinquished by:	Date:	Time:	Method of Shipment:

	Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company
1	Elisabeth Webber	10-23-24 1430	AME	[signature]	10/23/24 1430	EUR
2	[signature]	10-23-24 1610	EUR	JESSICA RIGDON	10-23-24 1610	EETNC
3						

Custody Seals Intact: Δ Yes Δ No | Custody Seal No.: | Cooler Temperature(s) °C and Other Remarks:

Eurofins – Cleveland Sample Receipt Form/Narrative **Login # : 213668**
Barberton Facility

Client August Made Site Name

Cooler unpacked by: JESSICA RIGDON

Cooler Received on 10-23 24 Opened on 10-23 24

FedEx. 1st Grd Exp UPS FAS Waypoint Client Drop Off (Eurofins Courier) Other

Receipt After-hours Drop-off Date/Time Storage Location

Eurofins Cooler # 1EC Foam Box Client Cooler Box Other

Packing material used. (Bubble Wrap) Foam Plastic Bag None Other

COOLANT: (Wet Ice) Blue Ice Dry Ice Water None

1 Cooler temperature upon receipt N/A See Multiple Cooler Form

IR GUN # 19 (CF +1.7 °C) Observed Cooler Temp. °C Corrected Cooler Temp °C

2. Were tamper/custody seals on the outside of the cooler(s)? If Yes Quantity	Yes (No)	**Tests that are not checked for pH by Receiving:**
-Were the seals on the outside of the cooler(s) signed & dated?	Yes No (NA)	
-Were tamper/custody seals on the bottle(s) or bottle kits (LLHg/MeHg)?	Yes (No)	**VOAs**
-Were tamper/custody seals intact and uncompromised?	Yes No (NA)	**Oil and Grease**
3 Shippers' packing slip attached to the cooler(s)?	Yes (No)	**TOC**
4. Did custody papers accompany the sample(s)?	(Yes) No	
5 Were the custody papers relinquished & signed in the appropriate place?	(Yes) No	
6. Was/were the person(s) who collected the samples clearly identified on the COC?	(Yes) No	
7 Did all bottles arrive in good condition (Unbroken)?	(Yes) No	
8 Could all bottle labels (ID/Date/Time) be reconciled with the COC?	(Yes) No	
9 For each sample, does the COC specify preservatives (Y/N), # of containers (Y/N), and sample type of grab/comp (Y/N)?		
10 Were correct bottle(s) used for the test(s) indicated?	(Yes) No	
11 Sufficient quantity received to perform indicated analyses?	(Yes) No	
12. Are these work share samples and all listed on the COC?	Yes (No)	
If yes, Questions 13-17 have been checked at the originating laboratory		
13 Were all preserved sample(s) at the correct pH upon receipt?	Yes No (NA)	pH Strip Lot# HC447997
14. Were VOAs on the COC?	(Yes) No	
15 Were air bubbles >6 mm in any VOA vials? ● ← Larger than this.	Yes (No) NA	
16 Was a VOA trip blank present in the cooler(s)? Trip Blank Lot # 011550LT	(Yes) No	
17 Was a LL Hg or Me Hg trip blank present?	Yes (No)	

Contacted PM Date by via Verbal Voice Mail Other

Concerning

18. CHAIN OF CUSTODY & SAMPLE DISCREPANCIES ☐ additional next page | Samples processed by:

One TB was dropped in receiving and broken.
TB-7-20241023. One 10-23-24

19. SAMPLE CONDITION

Sample(s) were received after the recommended holding time had expired.
Sample(s) were received in a broken container
Sample(s) were received with bubble >6 mm in diameter (Notify PM)

20. SAMPLE PRESERVATION

Sample(s) were further preserved in the laboratory
Time preserved: Preservative(s) added/Lot number(s).

VOA Sample Preservation - Date/Time VOAs Frozen

Login # : 213568

Eurofins - Cleveland Sample Receipt Multiple Cooler Form				
Cooler Description (Circle)	IR Gun # (Circle)	Observed Temp °C	Corrected Temp °C	Coolant (Circle)
(EC) Client Box Other	IR GUN #: 19	7.3	9.0	(Wet Ice) Blue Ice Dry Ice Water None
(EC) Client Box Other	IR GUN #: 19	12.3	14	(Wet Ice) Blue Ice Dry Ice Water None
EC Client Box Other	IR GUN #:			Wet Ice

10/23/2024

Login Container Summary Report

240-213568

11/10/2024

Temperature readings _____

Client Sample ID	Lab ID	Container Type	Container pH	Container Temp	Preservation Added	Preservation Lot Number
T2-1625-S-2 0	240-213568-A-1	SnapCap 1/2 ounce unpreserved				
T2-1625-S-2.0	240-213568-A-1 DU	SnapCap 1/2 ounce unpreserved				
T2-1625-S-2 0	240-213568-A-1 MS	Soil jar 4oz - clear glass				
T2-1625-S-2 0	240-213568-A-1 MSD	Soil jar 4oz - clear glass				
T2-1625-S-2 0	240-213568-A-1 MSI	Soil jar 4oz - clear glass				
T2-1625-S-2.0	240-213568-A-1 MSS	Soil jar 4oz - clear glass				
T2-1625-S-2 0	240-213568-B-1	Soil jar 4oz - clear glass				
T2-1625-S-2 0	240-213568-B-1 MS	Soil jar 4oz - clear glass				
T2-1625-S-2 0	240-213568-B-1 MSD	Soil jar 4oz - clear glass				
T2-1625-S-2 0	240-213568-C-1	Soil jar 4oz - clear glass				
T2-1625-S-2 0	240-213568-C-1 MS	Soil jar 4oz - clear glass				
T2-1625-S-2 0	240-213568-C-1 MSD	Soil jar 4oz - clear glass				
T2-1625-S-2 0	240-213568-D-1	Soil jar 4oz - clear glass				
T2-1625-S-2 0	240-213568-D-1 MS	Soil jar 4oz - clear glass				
T2-1625-S-2 0	240-213568-D-1 MSD	Soil jar 4oz - clear glass				
T2-1625-S-2 0	240-213568-E-1	Soil jar 4oz - clear glass				
T2-1625-S-2 0	240-213568-F-1	Soil jar 4oz - clear glass				
T2-1625-N-0 0	240-213568-A-2	SnapCap 1/2 ounce unpreserved				
T2-1625-N-0 0	240-213568-B-2	Soil jar 4oz - clear glass				
T2-1625-N-0 0	240-213568-C-2	Soil jar 4oz - clear glass				
T2-1625-N-0 0	240-213568-D-2	Soil jar 4oz - clear glass				
T2-1625-N-0 0	240-213568-E-2	Soil jar 4oz - clear glass				
T2-1625-N-0 0	240-213568-F-2	Soil jar 4oz - clear glass				
T2-1625-N-2 0	240-213568-A-3	SnapCap 1/2 ounce unpreserved				
T2-1625-N-2 0	240-213568-B-3	Soil jar 4oz - clear glass				
T2-1625-N-2 0	240-213568-C-3	Soil jar 4oz - clear glass				
T2-1625-N-2 0	240-213568-D-3	Soil jar 4oz - clear glass				
T2-1625-N-2 0	240-213568-E-3	Soil jar 4oz - clear glass				
T2-1625-N-2 0	240-213568-F-3	Soil jar 4oz - clear glass				
T2-1625-C-2 0	240-213568-A-4	SnapCap 1/2 ounce unpreserved				
T2-1625-C-2 0	240-213568-B-4	Soil jar 4oz - clear glass				
T2-1625-C-2 0	240-213568-C-4	Soil jar 4oz - clear glass				
T2-1625-C-2 0	240-213568-D-4	Soil jar 4oz - clear glass				

Client Sample ID	Lab ID	Container Type	Container pH	Container Temp	Preservation Added	Preservation Lot Number
T2-1625-C-2 0	240-213568-E-4	Soil jar 4oz - clear glass				
T2-1625-C-2 0	240-213568-F-4	Soil jar 4oz - clear glass				
T2-1750-S-0 0	240-213568-A-5	SnapCap 1/2 ounce unpreserved				
T2-1750-S-0 0	240-213568-B-5	Soil jar 4oz - clear glass				
T2-1750-S-0 0	240-213568-C-5	Soil jar 4oz - clear glass				
T2-1750-S-0 0	240-213568-D-5	Soil jar 4oz - clear glass				
T2-1750-S-0 0	240-213568-E-5	Soil jar 4oz - clear glass				
T2-1750-S-0 0	240-213568-F-5	Soil jar 4oz - clear glass				
T2-1750-N-0 0	240-213568-A-6	SnapCap 1/2 ounce unpreserved				
T2-1750-N-0 0	240-213568-B-6	Soil jar 4oz - clear glass				
T2-1750-N-0 0	240-213568-C-6	Soil jar 4oz - clear glass				
T2-1750-N-0 0	240-213568-D-6	Soil jar 4oz - clear glass				
T2-1750-N-0 0	240-213568-E-6	Soil jar 4oz - clear glass				
T2-1750-N-0 0	240-213568-F-6	Soil jar 4oz - clear glass				
T2-1820-C-1 0	240-213568-A-7	SnapCap 1/2 ounce unpreserved				
T2-1820-C-1 0	240-213568-B-7	Soil jar 4oz - clear glass				
T2-1820-C-1 0	240-213568-C-7	Soil jar 4oz - clear glass				
T2-1820-C-1 0	240-213568-D-7	Soil jar 4oz - clear glass				
T2-1820-C-1 0	240-213568-E-7	Soil jar 4oz - clear glass				
T2-1820-C-1.0	240-213568-F-7	Soil jar 4oz - clear glass				
T2-1820-N-0 0	240-213568-A-8	SnapCap 1/2 ounce unpreserved				
T2-1820-N-0 0	240-213568-B-8	Soil jar 4oz - clear glass				
T2-1820-N-0 0	240-213568-C-8	Soil jar 4oz - clear glass				
T2-1820-N-0.0	240-213568-D-8	Soil jar 4oz - clear glass				
T2-1820-N-0 0	240-213568-E-8	Soil jar 4oz - clear glass				
T2-1820-N-0 0	240-213568-F-8	Soil jar 4oz - clear glass				
T2-1820-S-0 0	240-213568-A-9	SnapCap 1/2 ounce unpreserved				
T2-1820-S-0 0	240-213568-B-9	Soil jar 4oz - clear glass				
T2-1820-S-0 0	240-213568-C-9	Soil jar 4oz - clear glass				
T2-1820-S-0 0	240-213568-D-9	Soil jar 4oz - clear glass				
T2-1820-S-0 0	240-213568-E-9	Soil jar 4oz - clear glass				
T2-1820-S-0 0	240-213568-F-9	Soil jar 4oz - clear glass				
T2-1820-S-2 0	240-213568-A-10	SnapCap 1/2 ounce unpreserved				
T2-1820-S-2 0	240-213568-B-10	Soil jar 4oz - clear glass				
T2-1820-S-2 0	240-213568-C-10	Soil jar 4oz - clear glass				
T2-1820-S-2 0	240-213568-D-10	Soil jar 4oz - clear glass				
T2-1820-S-2 0	240-213568-E-10	Soil jar 4oz - clear glass				
T2-1820-S-2 0	240-213568-F-10	Soil jar 4oz - clear glass				

Client Sample ID	Lab ID	Container Type	Container pH	Container Temp	Preservation Added	Preservation Lot Number
T2-875-N-0.0	240-213568-A-11	SnapCap 1/2 ounce unpreserved				
T2-875-N-0 0	240-213568-B-11	Soil jar 4oz - clear glass				
T2-875-N-0 0	240-213568-C-11	Soil jar 4oz - clear glass				
T2-875-N-0 0	240-213568-D-11	Soil jar 4oz - clear glass				
T2-875-N-0 0	240-213568-E-11	Soil jar 4oz - clear glass				
T2-875-N-0 0	240-213568-F-11	Soil jar 4oz - clear glass				
T2-875-S-0 0	240-213568-A-12	SnapCap 1/2 ounce unpreserved				
T2-875-S-0 0	240-213568-B-12	Soil jar 4oz - clear glass				
T2-875-S-0 0	240-213568-C-12	Soil jar 4oz - clear glass				
T2-875-S-0 0	240-213568-D-12	Soil jar 4oz - clear glass				
T2-875-S-0 0	240-213568-E-12	Soil jar 4oz - clear glass				
T2-875-S-0 0	240-213568-F-12	Soil jar 4oz - clear glass				
T2-875-S-1 5	240-213568-A-13	SnapCap 1/2 ounce unpreserved				
T2-875-S-1.5	240-213568-B-13	Soil jar 4oz - clear glass				
T2-875-S-1.5	240-213568-C-13	Soil jar 4oz - clear glass				
T2-875-S-1.5	240-213568-D-13	Soil jar 4oz - clear glass				
T2-875-S-1.5	240-213568-E-13	Soil jar 4oz - clear glass				
T2-875-S-1 5	240-213568-F-13	Soil jar 4oz - clear glass				
TB-6-20241023	240-213568-A-14	Voa Vial 40ml - Hydrochloric Acid				

Eurofins Cleveland
180 S. Van Buren Avenue
Barberton, OH 44203
Phone (330) 497-9396 Phone (330) 497-0772

Chain of Custody Record

eurofins | Environment Testing

Client Information	Sampler: Elisabeth Webber	Lab PM: Kalis, Nicole A	Carrier Tracking No(s):	COC No: 240-124901-43556.4
Client Contact: Kain Lager-Lowe	Phone:	E-Mail: Nicole.Kalis@et.eurofinsus.com	State of Origin: OH	Page: ~~Page 1 of 12~~ 1 of 2
Company: August Mack Environmental, Inc.	PWSID:			Job #: JY2380.381
Address: 7830 North Central Drive, Suite B	Due Date Requested:			
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State, Zip: OH, 43035	Compliance Project: Δ Yes Δ No			
Phone: 740-548-1515(Tel)	PO #:			
Email: klagerlowe@augustmack.com	WO #:			
Project Name: MSC Canfield ~~Soil/Surface Water~~ N Ditch Sampling	Project #: DO NOT DELETE - 24033889			
Site:	SSOW#:			

Analysis Requested

Preservation Codes:
N - None
A - HCL
B - NaOH
D - HNO3
Other:

Sample Identification	Sample Date	Sample Time	Sample Type (C=Comp, G=grab)	Matrix (W=water, S=solid, O=waste/oil, BT=Tissue, A=Air)	Field Filtered Sample (Yes or No)	Perform MS/MSD (Yes or No)	8260D - VOCs	8270E - SVOCs - PAH ONLY	8082A - PCBs	6010D, 7471B - RCRA 8, Cu & Zn	9012B - Total Cyanide	7196A - Hexavalent Chromium	1677 - Free Cyanide						Total Number of containers	Special Instructions/Note:
Preservation Code:							N	N	N	N	N	N	N							
T2-1625-S-2.0	10-23-24	0840	G	Solid	N			X		X	X	X	X						5	
T2-1625-N-0.0	10-23-24	0855	G	Solid	N			X		X	X	X	X						5	
T2-1625-N-2.0	10-23-24	0905	G	Solid	N			X		X	X	X	X						5	
T2-1625-C-2.0	10-23-24	0930	G	Solid	N			X		X	X	X	X						5	
T2-1750-S-0.0	10-23-24	1000	G	Solid	N			X		X	X	X	X						5	
T2-1750-N-0.0	10-23-24	1020	G	Solid	N			X		X	X	X	X						5	
T2-1820-C-1.0	10-23-24	1045	G	Solid	N			X		X	X	X	X						5	
T2-1820-N-0.0	10-23-24	1050	G	Solid	N			X		X	X	X	X						5	
T2-1820-S-0.0	10-23-24	1115	G	Solid	N			X		X	X	X	X						5	
T2-1820-S-2.0	10-23-24	1130	G	Solid	N			X		X	X	X	X						5	
~~T2-875-S-0.0~~	~~10-23-24~~	1245	G	Solid	N	Y		X		X	X	X	X						15	EW 10-23-24

240-213568 COC

Possible Hazard Identification	Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)
Non-Hazard Flammable Skin Irritant Poison B Unknown Radiological	Return To Client Disposal By Lab Archive For _____ Months
Deliverable Requested: I, II, III, IV, Other (specify)	Special Instructions/QC Requirements:

Empty Kit Relinquished by:	Date:	Time:	Method of Shipment:

Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company
Elisabeth Webber	10-23-24 1430	AME		10/23/24 1430	EUR
Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company
	10-23-24 1609	EUR	JESSICA RIGDON	10-23-24 1610	OMe
Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company

Custody Seals Intact: Δ Yes Δ No	Custody Seal No.:	Cooler Temperature(s) °C and Other Remarks:

Eurofins Cleveland
180 S. Van Buren Avenue
Barberton, OH 44203
Phone (330) 497-9396 Phone (330) 497-0772

Chain of Custody Record

eurofins | Environment Testing

Client Information	Sampler: Elisabeth Webber	Lab PM: Kalis, Nicole A	Carrier Tracking No(s):	COC No: 240-124901-43556.4
Client Contact: Kain Lager-Lowe	Phone:	E-Mail: Nicole.Kalis@et.eurofinsus.com	State of Origin: OH	Page: ~~Page 4 of 12~~ 2 of 2
Company: August Mack Environmental, Inc.	PWSID:			Job #: SY2380.381
Address: 7830 North Central Drive, Suite B	Due Date Requested:			
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State, Zip: OH, 43035	Compliance Project: Δ Yes Δ No			
Phone: 740-548-1515(Tel)	PO #:			
Email: klagerlowe@augustmack.com	WO #:			
Project Name: MSC Canfield ~~Soil/Surface Water~~ N Ditch Sampling	Project #: DO NOT DELETE - 24033889			
Site:	SSOW#:			

Analysis Requested

Preservation Codes:
N - None
A - HCL
B - NaOH
D - HNO3
Other:

Sample Identification	Sample Date	Sample Time	Sample Type (C=Comp, G=grab)	Matrix (W=water, S=solid, O=waste/oil, BT=Tissue, A=Air)	Field Filtered Sample (Yes or No)	Perform MS/MSD (Yes or No)	8260D - VOCs	8270E - SVOCs – PAH ONLY	8082A - PCBs	6010D, 7471B - RCRA 8, Cu & Zn	9012B - Total Cyanide	7196A - Hexavalent Chromium	1677 - Free Cyanide	Total Number of containers	Special Instructions/Note:
			Preservation Code:		X	X	N	N	N	N	N	N	N	X	
T2-875-N-0.0	10-23-24	1250	G	Solid	X	Y		X		X	X	X	X	15	
T2-875-S-0.0	10-23-24	1345	G	Solid	X	N		X		X	X	X	X	5	
T2-875-S-1.5	10-23-24	1405	G	Solid	X	N		X		X	X	X	X	5	
TB-6-20241023	10-23-24	1420	G	~~Solid~~ W	N		X							1	
TB-7-20241023	10-23-24	1425	G	~~Solid~~ W	N		X							1	
				Solid											
				Solid											
				Solid											
				Solid											
				Solid											
				Solid											

Possible Hazard Identification
☐ Non-Hazard ☐ Flammable ☐ Skin Irritant ☐ Poison B ☐ Unknown ☐ Radiological

Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)
☐ Return To Client ☐ Disposal By Lab ☐ Archive For _____ Months

Deliverable Requested: I, II, III, IV, Other (specify)

Special Instructions/QC Requirements:

Empty Kit Relinquished by:	Date:	Time:	Method of Shipment:

Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company
Elisabeth Webber	10-23-24 1430	AME	[signature] JESSICA RIGDON	10/23/24 1430	EUR
Relinquished by: [signature]	Date/Time: 10-23-24 1610	Company EUR	Received by:	Date/Time: 10-23-24 1610	Company EETNC
Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company

Custody Seals Intact: Δ Yes Δ No	Custody Seal No.:	Cooler Temperature(s) °C and Other Remarks:

Eurofins – Cleveland Sample Receipt Form/Narrative **Login # : 213668**
Barberton Facility

Client August Made Site Name

Cooler unpacked by: JESSICA RIGDON

Cooler Received on 10-23 24 Opened on 10-23 24

FedEx. 1st Grd Exp UPS FAS Waypoint Client Drop Off (Eurofins Courier) Other

Receipt After-hours Drop-off Date/Time Storage Location

Eurofins Cooler # EC Foam Box Client Cooler Box Other

Packing material used. (Bubble Wrap) Foam Plastic Bag None Other

COOLANT (Wet Ice) Blue Ice Dry Ice Water None

1 Cooler temperature upon receipt ☒ See Multiple Cooler Form

IR GUN # 19 (CF +1.7 °C) Observed Cooler Temp °C Corrected Cooler Temp. °C

2. Were tamper/custody seals on the outside of the cooler(s)? If Yes Quantity	Yes (No)	**Tests that are not checked for pH by Receiving:**
-Were the seals on the outside of the cooler(s) signed & dated?	Yes No (NA)	
-Were tamper/custody seals on the bottle(s) or bottle kits (LLHg/MeHg)?	Yes (No)	**VOAs**
-Were tamper/custody seals intact and uncompromised?	Yes No (NA)	**Oil and Grease**
3 Shippers' packing slip attached to the cooler(s)?	Yes (No)	**TOC**
4. Did custody papers accompany the sample(s)?	(Yes) No	
5 Were the custody papers relinquished & signed in the appropriate place?	(Yes) No	
6 Was/were the person(s) who collected the samples clearly identified on the COC?	(Yes) No	
7 Did all bottles arrive in good condition (Unbroken)?	(Yes) No	
8 Could all bottle labels (ID/Date/Time) be reconciled with the COC?	(Yes) No	
9 For each sample, does the COC specify preservatives (Y/N), # of containers (Y/N), and sample type of grab/comp (Y/N)?		
10 Were correct bottle(s) used for the test(s) indicated?	(Yes) No	
11 Sufficient quantity received to perform indicated analyses?	(Yes) No	
12. Are these work share samples and all listed on the COC?	Yes (No)	
If yes, Questions 13-17 have been checked at the originating laboratory		
13 Were all preserved sample(s) at the correct pH upon receipt?	Yes No (NA)	pH Strip Lot# HC447997
14 Were VOAs on the COC?	(Yes) No	
15 Were air bubbles >6 mm in any VOA vials? ● ← Larger than this.	Yes (No) NA	
16 Was a VOA trip blank present in the cooler(s)? Trip Blank Lot # 011550NT	(Yes) No	
17 Was a LL Hg or Me Hg trip blank present?	Yes (No)	

Contacted PM Date by via Verbal Voice Mail Other

Concerning

18. CHAIN OF CUSTODY & SAMPLE DISCREPANCIES ☐ additional next page

Samples processed by:

One TB was dropped in receiving and broken.
TB-7-20241023. ome 10-23-24

19. SAMPLE CONDITION

Sample(s) were received after the recommended holding time had expired.

Sample(s) were received in a broken container

Sample(s) were received with bubble >6 mm in diameter (Notify PM)

20. SAMPLE PRESERVATION

Sample(s) were further preserved in the laboratory

Time preserved: Preservative(s) added/Lot number(s):

VOA Sample Preservation - Date/Time VOAs Frozen.

Login # : 213568

Eurofins - Cleveland Sample Receipt Multiple Cooler Form

Cooler Description (Circle)	IR Gun # (Circle)	Observed Temp °C	Corrected Temp °C	Coolant (Circle)
(EC) Client Box Other	IR GUN #: 19	7.3	9.0	(Wet Ice) Blue Ice Dry Ice Water None
(EC) Client Box Other	IR GUN #: 19	12.3	14	(Wet Ice) Blue Ice Dry Ice Water None
EC Client Box Other	IR GUN #:			Wet Ice

10/23/2024

Login Container Summary Report

240-213568

11/10/2024

Temperature readings _____

Client Sample ID	Lab ID	Container Type	Container pH	Container Temp	Preservation Added	Preservation Lot Number
T2-1625-S-2 0	240-213568-A-1	SnapCap 1/2 ounce unpreserved				
T2-1625-S-2 0	240-213568-B-1	Soil jar 4oz - clear glass				
T2-1625-S-2 0	240-213568-C-1	Soil jar 4oz - clear glass				
T2-1625-S-2 0	240-213568-D-1	Soil jar 4oz - clear glass				
T2-1625-S-2 0	240-213568-E-1	Soil jar 4oz - clear glass				
T2-1625-S-2 0	240-213568-F-1	Soil jar 4oz - clear glass				
T2-1625-N-0 0	240-213568-A-2	SnapCap 1/2 ounce unpreserved				
T2-1625-N-0 0	240-213568-B-2	Soil jar 4oz - clear glass				
T2-1625-N-0 0	240-213568-C-2	Soil jar 4oz - clear glass				
T2-1625-N-0 0	240-213568-D-2	Soil jar 4oz - clear glass				
T2-1625-N-0 0	240-213568-E-2	Soil jar 4oz - clear glass				
T2-1625-N-0 0	240-213568-F-2	Soil jar 4oz - clear glass				
T2-1625-N-2.0	240-213568-A-3	SnapCap 1/2 ounce unpreserved				
T2-1625-N-2 0	240-213568-B-3	Soil jar 4oz - clear glass				
T2-1625-N-2 0	240-213568-C-3	Soil jar 4oz - clear glass				
T2-1625-N-2 0	240-213568-D-3	Soil jar 4oz - clear glass				
T2-1625-N-2 0	240-213568-E-3	Soil jar 4oz - clear glass				
T2-1625-N-2 0	240-213568-F-3	Soil jar 4oz - clear glass				
T2-1625-C-2 0	240-213568-A-4	SnapCap 1/2 ounce unpreserved				
T2-1625-C-2 0	240-213568-B-4	Soil jar 4oz - clear glass				
T2-1625-C-2 0	240-213568-C-4	Soil jar 4oz - clear glass				
T2-1625-C-2 0	240-213568-D-4	Soil jar 4oz - clear glass				
T2-1625-C-2 0	240-213568-E-4	Soil jar 4oz - clear glass				
T2-1625-C-2 0	240-213568-F-4	Soil jar 4oz - clear glass				
T2-1750-S-0 0	240-213568-A-5	SnapCap 1/2 ounce unpreserved				
T2-1750-S-0 0	240-213568-B-5	Soil jar 4oz - clear glass				
T2-1750-S-0 0	240-213568-C-5	Soil jar 4oz - clear glass				
T2-1750-S-0 0	240-213568-D-5	Soil jar 4oz - clear glass				
T2-1750-S-0 0	240-213568-E-5	Soil jar 4oz - clear glass				
T2-1750-S-0 0	240-213568-F-5	Soil jar 4oz - clear glass				
T2-1750-N-0 0	240-213568-A-6	SnapCap 1/2 ounce unpreserved				
T2-1750-N-0 0	240-213568-B-6	Soil jar 4oz - clear glass				
T2-1750-N-0 0	240-213568-C-6	Soil jar 4oz - clear glass				
T2-1750-N-0 0	240-213568-D-6	Soil jar 4oz - clear glass				
T2-1750-N-0 0	240-213568-E-6	Soil jar 4oz - clear glass				

Client Sample ID	Lab ID	Container Type	Container pH	Container Temp	Preservation Added	Preservation Lot Number
T2-1750-N-0 0	240-213568-F-6	Soil jar 4oz - clear glass				
T2-1820-C-1 0	240-213568-A-7	SnapCap 1/2 ounce unpreserved				
T2-1820-C-1 0	240-213568-B-7	Soil jar 4oz - clear glass				
T2-1820-C-1 0	240-213568-C-7	Soil jar 4oz - clear glass				
T2-1820-C-1 0	240-213568-D-7	Soil jar 4oz - clear glass				
T2-1820-C-1 0	240-213568-E-7	Soil jar 4oz - clear glass				
T2-1820-C-1 0	240-213568-F-7	Soil jar 4oz - clear glass				
T2-1820-N-0 0	240-213568-A-8	SnapCap 1/2 ounce unpreserved				
T2-1820-N-0 0	240-213568-B-8	Soil jar 4oz - clear glass				
T2-1820-N-0 0	240-213568-C-8	Soil jar 4oz - clear glass				
T2-1820-N-0 0	240-213568-D-8	Soil jar 4oz - clear glass				
T2-1820-N-0 0	240-213568-E-8	Soil jar 4oz - clear glass				
T2-1820-N-0 0	240-213568-F-8	Soil jar 4oz - clear glass				
T2-1820-S-0 0	240-213568-A-9	SnapCap 1/2 ounce unpreserved				
T2-1820-S-0 0	240-213568-B-9	Soil jar 4oz - clear glass				
T2-1820-S-0 0	240-213568-C-9	Soil jar 4oz - clear glass				
T2-1820-S-0 0	240-213568-D-9	Soil jar 4oz - clear glass				
T2-1820-S-0 0	240-213568-E-9	Soil jar 4oz - clear glass				
T2-1820-S-0 0	240-213568-F-9	Soil jar 4oz - clear glass				
T2-1820-S-2 0	240-213568-A-10	SnapCap 1/2 ounce unpreserved				
T2-1820-S-2 0	240-213568-B-10	Soil jar 4oz - clear glass				
T2-1820-S-2 0	240-213568-C-10	Soil jar 4oz - clear glass				
T2-1820-S-2 0	240-213568-D-10	Soil jar 4oz - clear glass				
T2-1820-S-2 0	240-213568-E-10	Soil jar 4oz - clear glass				
T2-1820-S-2.0	240-213568-F-10	Soil jar 4oz - clear glass				
T2-875-N-0 0	240-213568-A-11	SnapCap 1/2 ounce unpreserved				
T2-875-N-0 0	240-213568-A-11 DU	SnapCap 1/2 ounce unpreserved				
T2-875-N-0 0	240-213568-A-11 MS	Soil jar 4oz - clear glass				
T2-875-N-0 0	240-213568-A-11 MSD	Soil jar 4oz - clear glass				
T2-875-N-0 0	240-213568-A-11 MSI	Soil jar 4oz - clear glass				
T2-875-N-0 0	240-213568-A-11 MSS	Soil jar 4oz - clear glass				
T2-875-N-0.0	240-213568-B-11	Soil jar 4oz - clear glass				
T2-875-N-0 0	240-213568-B-11 MS	Soil jar 4oz - clear glass				
T2-875-N-0 0	240-213568-B-11 MSD	Soil jar 4oz - clear glass				
T2-875-N-0 0	240-213568-C-11	Soil jar 4oz - clear glass				
T2-875-N-0 0	240-213568-C-11 MS	Soil jar 4oz - clear glass				

Client Sample ID	Lab ID	Container Type	Container pH	Container Temp	Preservation Added	Preservation Lot Number
T2-875-N-0.0	240-213568-C-11 MSD	Soil jar 4oz - clear glass				
T2-875-N-0 0	240-213568-D-11	Soil jar 4oz - clear glass				
T2-875-N-0 0	240-213568-D-11 MS	Soil jar 4oz - clear glass				
T2-875-N-0 0	240-213568-D-11 MSD	Soil jar 4oz - clear glass				
T2-875-N-0 0	240-213568-E-11	Soil jar 4oz - clear glass				
T2-875-N-0 0	240-213568-F-11	Soil jar 4oz - clear glass				
T2-875-S-0 0	240-213568-A-12	SnapCap 1/2 ounce unpreserved				
T2-875-S-0 0	240-213568-B-12	Soil jar 4oz - clear glass				
T2-875-S-0 0	240-213568-C-12	Soil jar 4oz - clear glass				
T2-875-S-0 0	240-213568-D-12	Soil jar 4oz - clear glass				
T2-875-S-0 0	240-213568-E-12	Soil jar 4oz - clear glass				
T2-875-S-0 0	240-213568-F-12	Soil jar 4oz - clear glass				
T2-875-S-1 5	240-213568-A-13	SnapCap 1/2 ounce unpreserved				
T2-875-S-1 5	240-213568-B-13	Soil jar 4oz - clear glass				
T2-875-S-1 5	240-213568-C-13	Soil jar 4oz - clear glass				
T2-875-S-1.5	240-213568-D-13	Soil jar 4oz - clear glass				
T2-875-S-1 5	240-213568-E-13	Soil jar 4oz - clear glass				
T2-875-S-1.5	240-213568-F-13	Soil jar 4oz - clear glass				
TB-6-20241023	240-213568-A-14	Voa Vial 40ml - Hydrochloric Acid				

Eurofins Cleveland
180 S. Van Buren Avenue
Barberton, OH 44203
Phone: 330-497-9396 Fax: 330-497-0772

Chain of Custody Record

eurofins | Environment Testing

Client Information (Sub Contract Lab)	Sampler: N/A	Lab PM: Kalis, Nicole A	Carrier Tracking No(s): N/A	COC No: 240-192715.1
Client Contact: Shipping/Receiving	Phone: N/A	E-Mail: Nicole.Kalis@et.eurofinsus.com	State of Origin: Ohio	Page: Page 1 of 2
Company: Eurofins Lancaster Laboratories Environm		Accreditations Required (See note): N/A		Job #: 240-213568-1
Address: 2425 New Holland Pike, ,	Due Date Requested: 11/5/2024			Preservation Codes: -
City: Lancaster	TAT Requested (days): ~~N/A~~			
State, Zip: PA, 17601				
Phone: 717-656-2300(Tel)	PO #: N/A			
Email: N/A	WO #: N/A			
Project Name: MSC Canfield - N. Ditch Sampling	Project #: 24033889			
Site: N/A	SSOW#: N/A			Other: N/A

Sample Identification - Client ID (Lab ID)	Sample Date	Sample Time	Sample Type (C=comp, G=grab)	Matrix (W=water, S=solid, O=waste/oil, BT=Tissue, A=Air)	Field Filtered Sample (Yes or No)	Perform MS/MSD (Yes or No)	1677_Free/ASTM_LEACH_NP Cyanide, Free	7196A/3060A Chromium, Hexavalent	Total Number of containers	Special Instructions/Note:
			Preservation Code:							
T2-1625-S-2.0 (240-213568-1)	10/23/24	08:40 Eastern	G	Solid			X	X	2	Use caution! Site contaminated with solvent waste
T2-1625-N-0.0 (240-213568-2)	10/23/24	08:55 Eastern	G	Solid			X	X	2	Use caution! Site contaminated with solvent waste
T2-1625-N-2.0 (240-213568-3)	10/23/24	09:05 Eastern	G	Solid			X	X	2	Use caution! Site contaminated with solvent waste
T2-1625-C-2.0 (240-213568-4)	10/23/24	09:30 Eastern	G	Solid			X	X	2	Use caution! Site contaminated with solvent waste
T2-1750-S-0.0 (240-213568-5)	10/23/24	10:00 Eastern	G	Solid			X	X	2	Use caution! Site contaminated with solvent waste
T2-1750-N-0.0 (240-213568-6)	10/23/24	10:20 Eastern	G	Solid			X	X	2	Use caution! Site contaminated with solvent waste
T2-1820-C-1.0 (240-213568-7)	10/23/24	10:45 Eastern	G	Solid			X	X	2	Use caution! Site contaminated with solvent waste
T2-1820-N-0.0 (240-213568-8)	10/23/24	10:50 Eastern	G	Solid			X	X	2	Use caution! Site contaminated with solvent waste
T2-1820-S-0.0 (240-213568-9)	10/23/24	11:15 Eastern	G	Solid			X	X	2	Use caution! Site contaminated with solvent waste

Note: Since laboratory accreditations are subject to change, Eurofins Environment Testing North Central, LLC places the ownership of method, analyte & accreditation compliance upon our subcontract laboratories. This sample shipment is forwarded under chain-of-custody. If the laboratory does not currently maintain accreditation in the State of Origin listed above for analysis/tests/matrix being analyzed, the samples must be shipped back to the Eurofins Environment Testing North Central, LLC laboratory or other instructions will be provided. Any changes to accreditation status should be brought to Eurofins Environment Testing North Central, LLC attention immediately. If all requested accreditations are current to date, return the signed Chain of Custody attesting to said compliance to Eurofins Environment Testing North Central, LLC.

Possible Hazard Identification	*Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)*
Unconfirmed	☐ *Return To Client* ☐ *Disposal By Lab* ☐ *Archive For* _____ *Months*
Deliverable Requested: I, II, III, IV, Other (specify) Primary Deliverable Rank: 2	Special Instructions/QC Requirements:

Empty Kit Relinquished by:	Date:	Time:	Method of Shipment:

Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company
Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company
Relinquished by:	Date/Time:	Company	Received by:	Date/Time: 10/24/24 1010	Company

Custody Seals Intact: Δ Yes Δ No	Custody Seal No.:	Cooler Temperature(s) °C and Other Remarks: R: 3.8 C: 3.5

Ver: 10/10/2024

Eurofins Cleveland
180 S. Van Buren Avenue
Barberton, OH 44203
Phone: 330-497-9396 Fax: 330-497-0772

Chain of Custody Record

eurofins | Environment Testing

Client Information (Sub Contract Lab)	Sampler: N/A	Lab PM: Kalis, Nicole A	Carrier Tracking No(s): N/A	COC No: 240-192715.2
Client Contact: Shipping/Receiving	Phone: N/A	E-Mail: Nicole.Kalis@et.eurofinsus.com	State of Origin: Ohio	Page: Page 2 of 2
Company: Eurofins Lancaster Laboratories Environm		Accreditations Required (See note): N/A		Job #: 240-213568-1
Address: 2425 New Holland Pike, ,	Due Date Requested: 11/5/2024			Preservation Codes: -
City: Lancaster	TAT Requested (days): N/A			
State, Zip: PA, 17601				
Phone: 717-656-2300(Tel)	PO #: N/A			
Email: N/A	WO #: N/A			
Project Name: MSC Canfield - N. Ditch Sampling	Project #: 24033889			
Site: N/A	SSOW#: N/A			Other: N/A

Sample Identification - Client ID (Lab ID)	Sample Date	Sample Time	Sample Type (C=comp, G=grab)	Matrix (W=water, S=solid, O=waste/oil, BT=Tissue, A=Air)	Field Filtered Sample (Yes or No)	Perform MS/MSD (Yes or No)	1677_Free/ASTM_LEACH_NP Cyanide, Free	7196A/3060A Chromium, Hexavalent	Total Number of containers	Special Instructions/Note:
			Preservation Code							
T2-1820-S-2.0 (240-213568-10)	10/23/24	11:30 Eastern	G	Solid			X	X	2	Use caution! Site contaminated with solvent waste
T2-875-N-0.0 (240-213568-11)	10/23/24	12:50 Eastern	G	Solid			X	X	2	Use caution! Site contaminated with solvent waste
T2-875-N-0.0 (240-213568-11MSI)	10/23/24	12:50 Eastern	G	Solid				X	1	Use caution! Site contaminated with solvent waste
T2-875-N-0.0 (240-213568-11MSS)	10/23/24	12:50 Eastern	G	Solid				X	1	Use caution! Site contaminated with solvent waste
T2-875-S-0.0 (240-213568-12)	10/23/24	13:45 Eastern	G	Solid			X	X	2	Use caution! Site contaminated with solvent waste
T2-875-S-1.5 (240-213568-13)	10/23/24	14:05 Eastern	G	Solid			X	X	2	Use caution! Site contaminated with solvent waste

Note: Since laboratory accreditations are subject to change, Eurofins Environment Testing North Central, LLC places the ownership of method, analyte & accreditation compliance upon our subcontract laboratories. This sample shipment is forwarded under chain-of-custody. If the laboratory does not currently maintain accreditation in the State of Origin listed above for analysis/tests/matrix being analyzed, the samples must be shipped back to the Eurofins Environment Testing North Central, LLC laboratory or other instructions will be provided. Any changes to accreditation status should be brought to Eurofins Environment Testing North Central, LLC attention immediately. If all requested accreditations are current to date, return the signed Chain of Custody attesting to said compliance to Eurofins Environment Testing North Central, LLC.

Possible Hazard Identification	*Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)*
Unconfirmed	☐ *Return To Client* ☐ *Disposal By Lab* ☐ *Archive For* _____ *Months*
Deliverable Requested: I, II, III, IV, Other (specify) Primary Deliverable Rank: 2	Special Instructions/QC Requirements:

Empty Kit Relinquished by:	Date:	Time:	Method of Shipment:

Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company
Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company
Relinquished by:	Date/Time:	Company	Received by:	Date/Time: 10/24/24 1010	Company MA

Custody Seals Intact: ∆ Yes ∆ No	Custody Seal No.:	Cooler Temperature(s) °C and Other Remarks: R:3.8 C:3.5

Ver: 10/10/2024

Login Sample Receipt Checklist

Client: August Mack Environmental, Inc.

Job Number: 240-213568-1

Login Number: 213568
List Number: 2
Creator: Santiago, Nathaniel

List Source: Eurofins Lancaster Laboratories Environment Testing, LLC
List Creation: 10/26/24 10:49 AM

Question	Answer	Comment
The cooler's custody seal is intact.	N/A	
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	True	
Cooler Temperature acceptable,where thermal pres is required(</=6C, not frozen).	True	
Cooler Temperature is recorded.	True	
WV:Container Temp acceptable,where thermal pres is required (</=6C, not frozen).	N/A	
WV: Container Temperature is recorded.	N/A	
COC is present.	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information.	True	
There are no discrepancies between the containers received and the COC.	True	
Sample containers have legible labels.	True	
Containers are not broken or leaking.	True	
Sample collection date/times are provided.	True	
Appropriate sample containers are used.	True	
Sample bottles are completely filled.	True	
There is sufficient vol. for all requested analyses.	True	
Is the Field Sampler's name present on COC?	False	Received project as a subcontract.
Sample custody seals are intact.	N/A	
VOA sample vials do not have headspace >6mm in diameter (none, if from WV)?	N/A	

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ANALYTICAL REPORT

PREPARED FOR

Attn: Kain Lager-Lowe
August Mack Environmental, Inc.
7830 North Central Drive, Suite B
Lewis Center, Ohio 43035

Generated 11/5/2024 3:40:36 AM

JOB DESCRIPTION

MSC Canfield

JOB NUMBER

240-213578-1

Eurofins Cleveland
180 S. Van Buren Avenue
Barberton OH 44203

See page two for job notes and contact information.

my EOL

Job Notes

This report may not be reproduced except in full, and with written approval from the laboratory. The results relate only to the samples tested. For questions please contact the Project Manager at the e-mail address or telephone number listed on this page.

The test results in this report relate only to the samples as received by the laboratory and will meet all requirements of the methodology, with any exceptions noted. This report shall not be reproduced except in full, without the express written approval of the laboratory. All questions should be directed to the Eurofins Environment Testing North Central, LLC Project Manager.

Authorization



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11/5/2024 3:40:36 AM

Authorized for release by
Nicole Kalis, Project Manager I
Nicole.Kalis@et.eurofinsus.com
(330)497-9396

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Qualifiers

GC/MS VOA

Qualifier	Qualifier Description
F1	MS and/or MSD recovery exceeds control limits.
J	Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.

GC/MS Semi VOA

Qualifier	Qualifier Description
J	Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.

Metals

Qualifier	Qualifier Description
J	Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.

General Chemistry

Qualifier	Qualifier Description
F1	MS and/or MSD recovery exceeds control limits.
F2	MS/MSD RPD exceeds control limits
H	Sample was prepped or analyzed beyond the specified holding time. This does not meet regulatory requirements.
J	Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.

Glossary

Abbreviation	These commonly used abbreviations may or may not be present in this report.
☼	Listed under the "D" column to designate that the result is reported on a dry weight basis
%R	Percent Recovery
CFL	Contains Free Liquid
CFU	Colony Forming Unit
CNF	Contains No Free Liquid
DER	Duplicate Error Ratio (normalized absolute difference)
Dil Fac	Dilution Factor
DL	Detection Limit (DoD/DOE)
DL, RA, RE, IN	Indicates a Dilution, Re-analysis, Re-extraction, or additional Initial metals/anion analysis of the sample
DLC	Decision Level Concentration (Radiochemistry)
EDL	Estimated Detection Limit (Dioxin)
LOD	Limit of Detection (DoD/DOE)
LOQ	Limit of Quantitation (DoD/DOE)
MCL	EPA recommended "Maximum Contaminant Level"
MDA	Minimum Detectable Activity (Radiochemistry)
MDC	Minimum Detectable Concentration (Radiochemistry)
MDL	Method Detection Limit
ML	Minimum Level (Dioxin)
MPN	Most Probable Number
MQL	Method Quantitation Limit
NC	Not Calculated
ND	Not Detected at the reporting limit (or MDL or EDL if shown)
NEG	Negative / Absent
POS	Positive / Present
PQL	Practical Quantitation Limit
PRES	Presumptive
QC	Quality Control
RER	Relative Error Ratio (Radiochemistry)
RL	Reporting Limit or Requested Limit (Radiochemistry)
RPD	Relative Percent Difference, a measure of the relative difference between two points
TEF	Toxicity Equivalent Factor (Dioxin)
TEQ	Toxicity Equivalent Quotient (Dioxin)
TNTC	Too Numerous To Count

Job ID: 240-213578-1 Eurofins Cleveland

Job Narrative
240-213578-1

Analytical test results meet all requirements of the associated regulatory program listed on the Accreditation/Certification Summary Page unless otherwise noted under the individual analysis. Data qualifiers and/or narrative comments are included to explain any exceptions, if applicable.

- Matrix QC may not be reported if insufficient sample is provided or site-specific QC samples were not submitted. In these situations, to demonstrate precision and accuracy at a batch level, a LCS/LCSD may be performed, unless otherwise specified in the method.
- Surrogate and/or isotope dilution analyte recoveries (if applicable) which are outside of the QC window are confirmed unless attributed to a dilution or otherwise noted in the narrative.

Regulated compliance samples (e.g. SDWA, NPDES) must comply with the associated agency requirements/permits.

Receipt
The samples were received on 10/23/2024 4:09 PM. Unless otherwise noted below, the samples arrived in good condition, and, where required, properly preserved and on ice. The temperatures of the 3 coolers at receipt time were 9.9°C, 12.3°C and 14.7°C.

GC/MS VOA
Method 8260D: The continuing calibration verification (CCV) analyzed in batch 240-633654 was outside the method criteria for the following analyte(s): Bromomethane. A CCV standard at or below the reporting limit (RL) was analyzed with the affected samples and found to be acceptable. As indicated in the reference method, sample analysis may proceed; however, any detection for the affected analyte(s) is considered estimated.

Method 8260D: The following sample(s) was collected in a properly preserved vial; however, the pH was outside the required criteria when verified by the laboratory. The samples were analyzed outside the 7-day holding time specified for unpreserved samples but within the 14-day holding time specified for preserved samples: SB-4-GW-18-28 (240-213578-2), DUP-3 (240-213578-5) and SB-6-GW-18-28 (240-213578-6).

No additional analytical or quality issues were noted, other than those described above or in the Definitions/ Glossary page.

GC/MS Semi VOA
Method 8270E: The continuing calibration verification (CCV) associated with batch 240-633649 recovered outside acceptance criteria, low biased, for 2,2-oxybis[1-chloropropane] and Benzaldehyde. A reporting limit (RL) standard was analyzed, and the target analytes were detected. Since the associated samples were non-detect for the analytes, the data were reported. Samples SB-7-GW-18-28 (240-213578-1), SB-4-GW-18-28 (240-213578-2), SB-2-GW-18-28 (240-213578-3), DUP-2 (240-213578-4), DUP-3 (240-213578-5) and SB-6-GW-18-28 (240-213578-6) were impacted.

No additional analytical or quality issues were noted, other than those described above or in the Definitions/ Glossary page.

PCBs
Method 8082A: The following samples required a tetrabutylammonium sulfite (TBA) clean-up to reduce matrix interferences caused by sulfur: SB-7-GW-18-28 (240-213578-1), SB-4-GW-18-28 (240-213578-2), SB-2-GW-18-28 (240-213578-3) and DUP-2 (240-213578-4).

No additional analytical or quality issues were noted, other than those described above or in the Definitions/ Glossary page.

Metals
Method 6010D - Total Recoverable: The following sample was diluted due to the nature of the sample matrix: SB-6-GW-18-28 (240-213578-6). Elevated reporting limits (RLs) are provided.

Method 6010D - Total Recoverable: The following samples were diluted due to the nature of the sample matrix: SB-4-GW-18-28 (240-213578-2) and DUP-3 (240-213578-5). Elevated reporting limits (RLs) are provided.

Method 6010D - Total Recoverable: The following sample was diluted due to the nature of the sample matrix: SB-6-GW-18-28 (240-213578-6). Elevated reporting limits (RLs) are provided.

Method 6010D - Total Recoverable: The following samples were diluted due to the nature of the sample matrix: SB-4-GW-18-28 (240-213578-2) and DUP-3 (240-213578-5). Elevated reporting limits (RLs) are provided.

Job ID: 240-213578-1 (Continued) Eurofins Cleveland

No additional analytical or quality issues were noted, other than those described above or in the Definitions/ Glossary page.

General Chemistry
Method 1677_Free: The following sample was found to contain residual chlorine: DUP-2 (240-213578-4).

Method 1677_Free: The following sample was found to contain residual chlorine: SB-7-GW-18-28 (240-213578-1).

Method 7196A: The following sample(s) was received with less than 2 days remaining on the holding time or less than one shift (8 hours) remaining on a test with a holding time of 48 hours or less. As such, the laboratory had insufficient time remaining to perform the analysis within holding time: SB-2-GW-18-28 (240-213578-3), SB-2-GW-18-28 (240-213578-3[MS]) and SB-2-GW-18-28 (240-213578-3[MSD]).

Method 7196A: The following samples were diluted due to the nature of the sample matrix: SB-4-GW-18-28 (240-213578-2), SB-2-GW-18-28 (240-213578-3), DUP-2 (240-213578-4), DUP-3 (240-213578-5) and SB-6-GW-18-28 (240-213578-6). Elevated reporting limits (RLs) are provided.

Method 7196A: The following samples were diluted due to the nature of the sample matrix: SB-2-GW-18-28 (240-213578-3), SB-2-GW-18-28 (240-213578-3[MS]) and SB-2-GW-18-28 (240-213578-3[MSD]). Elevated reporting limits (RLs) are provided.

Method 7196A: The following samples were diluted due to the nature of the sample matrix: SB-2-GW-18-28 (240-213578-3), SB-2-GW-18-28 (240-213578-3[MS]) and SB-2-GW-18-28 (240-213578-3[MSD]). Elevated reporting limits (RLs) are provided.

Method 7196A: The following samples were diluted due to the nature of the sample matrix: SB-2-GW-18-28 (240-213578-3), SB-2-GW-18-28 (240-213578-3[MS]) and SB-2-GW-18-28 (240-213578-3[MSD]). Elevated reporting limits (RLs) are provided.

No additional analytical or quality issues were noted, other than those described above or in the Definitions/ Glossary page.

Method Summary

Client: August Mack Environmental, Inc.
Project/Site: MSC Canfield

Job ID: 240-213578-1

Method	Method Description	Protocol	Laboratory
8260D	Volatile Organic Compounds by GC/MS	SW846	EET CLE
8270E	Semivolatile Organic Compounds (GC/MS)	SW846	EET CLE
8082A	Polychlorinated Biphenyls (PCBs) by Gas Chromatography	SW846	EET CLE
6010D	Metals (ICP)	SW846	EET CLE
7470A	Mercury (CVAA)	SW846	EET CLE
7196A	Chromium, Hexavalent	SW846	EET CLE
9012B	Cyanide, Total andor Amenable	SW846	EET CLE
OIA-1677	Cyanide, Free (Flow Injection)	OI CORP	ELLE
3005A	Preparation, Total Recoverable or Dissolved Metals	SW846	EET CLE
3510C	Liquid-Liquid Extraction (Separatory Funnel)	SW846	EET CLE
3510C LVI	Liquid-Liquid Extraction (Separatory Funnel) LVI	SW846	EET CLE
5030C	Purge and Trap	SW846	EET CLE
7470A	Preparation, Mercury	SW846	EET CLE
9012B	Cyanide, Total and/or Amenable, Distillation	SW846	EET CLE

Protocol References:

OI CORP = OI Corporation Instrument Manual.

SW846 = "Test Methods For Evaluating Solid Waste, Physical/Chemical Methods", Third Edition, November 1986 And Its Updates.

Laboratory References:

EET CLE = Eurofins Cleveland, 180 S. Van Buren Avenue, Barberton, OH 44203, TEL (330)497-9396

ELLE = Eurofins Lancaster Laboratories Environment Testing, LLC, 2425 New Holland Pike, Lancaster, PA 17601, TEL (717)656-2300

Sample Summary

Client: August Mack Environmental, Inc.
Project/Site: MSC Canfield

Job ID: 240-213578-1

Lab Sample ID	Client Sample ID	Matrix	Collected	Received
240-213578-1	SB-7-GW-18-28	Water	10/23/24 08:30	10/23/24 16:09
240-213578-2	SB-4-GW-18-28	Water	10/23/24 11:25	10/23/24 16:09
240-213578-3	SB-2-GW-18-28	Water	10/23/24 14:15	10/23/24 16:09
240-213578-4	DUP-2	Water	10/23/24 00:00	10/23/24 16:09
240-213578-5	DUP-3	Water	10/23/24 00:00	10/23/24 16:09
240-213578-6	SB-6-GW-18-28	Water	10/23/24 14:40	10/23/24 16:09
240-213578-7	TB-1-20241023	Water	10/23/24 00:00	10/23/24 16:09
240-213578-8	TB-2-20241023	Water	10/23/24 00:00	10/23/24 16:09
240-213578-9	TB-3-20241023	Water	10/23/24 00:00	10/23/24 16:09

Detection Summary

Client: August Mack Environmental, Inc.
Project/Site: MSC Canfield

Job ID: 240-213578-1

Client Sample ID: SB-7-GW-18-28 — Lab Sample ID: 240-213578-1

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Trichloroethene	13000		500	220	ug/L	500		8260D	Total/NA
Aroclor-1242	0.11		0.095	0.072	ug/L	1		8082A	Total/NA
Arsenic	25		15	4.1	ug/L	1		6010D	Total Recoverable
Barium	60	J	200	1.3	ug/L	1		6010D	Total Recoverable
Chromium	6.5	J	10	0.76	ug/L	1		6010D	Total Recoverable
Copper	10	J	25	3.5	ug/L	1		6010D	Total Recoverable
Zinc	23	J	50	23	ug/L	1		6010D	Total Recoverable
Arsenic	19		15	4.1	ug/L	1		6010D	Dissolved
Barium	40	J	200	1.3	ug/L	1		6010D	Dissolved
Cyanide, Free	0.0074		0.0060	0.0050	mg/L	1		OIA-1677	Total/NA

Client Sample ID: SB-4-GW-18-28 — Lab Sample ID: 240-213578-2

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Fluoranthene	0.17	J	0.22	0.17	ug/L	1		8270E	Total/NA
Phenanthrene	0.18	J	0.22	0.087	ug/L	1		8270E	Total/NA
Pyrene	0.12	J	0.22	0.090	ug/L	1		8270E	Total/NA
Aroclor-1242	0.10		0.095	0.072	ug/L	1		8082A	Total/NA
Arsenic	1900		75	20	ug/L	5		6010D	Total Recoverable
Barium	890		200	1.3	ug/L	1		6010D	Total Recoverable
Cadmium	6.9	J	50	4.5	ug/L	10		6010D	Total Recoverable
Chromium	1200		100	7.6	ug/L	10		6010D	Total Recoverable
Copper	2100		250	35	ug/L	10		6010D	Total Recoverable
Lead	970		100	28	ug/L	10		6010D	Total Recoverable
Zinc	6600		50	23	ug/L	1		6010D	Total Recoverable
Arsenic	37		15	4.1	ug/L	1		6010D	Dissolved
Barium	59	J	200	1.3	ug/L	1		6010D	Dissolved
Chromium	10		10	0.76	ug/L	1		6010D	Dissolved
Copper	14	J	25	3.5	ug/L	1		6010D	Dissolved
Lead	6.6	J	10	2.8	ug/L	1		6010D	Dissolved
Zinc	43	J	50	23	ug/L	1		6010D	Dissolved
Mercury	0.52		0.20	0.13	ug/L	1		7470A	Total/NA
Chromium, hexavalent	0.19	J	0.20	0.070	mg/L	10		7196A	Total/NA
Cyanide, Free	0.0069		0.0060	0.0050	mg/L	1		OIA-1677	Total/NA

Client Sample ID: SB-2-GW-18-28 — Lab Sample ID: 240-213578-3

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Arsenic	140		15	4.1	ug/L	1		6010D	Total Recoverable
Barium	190	J	200	1.3	ug/L	1		6010D	Total Recoverable
Cadmium	0.95	J	5.0	0.45	ug/L	1		6010D	Total Recoverable

This Detection Summary does not include radiochemical test results.

Eurofins Cleveland

Client Sample ID: SB-2-GW-18-28 (Continued)

Lab Sample ID: 240-213578-3

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Chromium	83		10	0.76	ug/L	1		6010D	Total Recoverable
Copper	140		25	3.5	ug/L	1		6010D	Total Recoverable
Lead	83		10	2.8	ug/L	1		6010D	Total Recoverable
Zinc	380		50	23	ug/L	1		6010D	Total Recoverable
Arsenic	37		15	4.1	ug/L	1		6010D	Dissolved
Barium	36	J	200	1.3	ug/L	1		6010D	Dissolved
Chromium, hexavalent	0.71	H	0.50	0.18	mg/L	25		7196A	Total/NA

Client Sample ID: DUP-2

Lab Sample ID: 240-213578-4

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Bromomethane	310	J	500	210	ug/L	500		8260D	Total/NA
Trichloroethene	12000		500	220	ug/L	500		8260D	Total/NA
Arsenic	22		15	4.1	ug/L	1		6010D	Total Recoverable
Barium	45	J	200	1.3	ug/L	1		6010D	Total Recoverable
Chromium	2.6	J	10	0.76	ug/L	1		6010D	Total Recoverable
Copper	4.6	J	25	3.5	ug/L	1		6010D	Total Recoverable
Arsenic	19		15	4.1	ug/L	1		6010D	Dissolved
Barium	35	J	200	1.3	ug/L	1		6010D	Dissolved
Cyanide, Free	0.0055	J	0.0060	0.0050	mg/L	1		OIA-1677	Total/NA

Client Sample ID: DUP-3

Lab Sample ID: 240-213578-5

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Arsenic	2200		75	20	ug/L	5		6010D	Total Recoverable
Barium	810		200	1.3	ug/L	1		6010D	Total Recoverable
Cadmium	9.4	J	50	4.5	ug/L	10		6010D	Total Recoverable
Chromium	1500		100	7.6	ug/L	10		6010D	Total Recoverable
Copper	2300		250	35	ug/L	10		6010D	Total Recoverable
Lead	1000		100	28	ug/L	10		6010D	Total Recoverable
Selenium	69	J	100	30	ug/L	5		6010D	Total Recoverable
Zinc	8100		50	23	ug/L	1		6010D	Total Recoverable
Arsenic	49		15	4.1	ug/L	1		6010D	Dissolved
Barium	82	J	200	1.3	ug/L	1		6010D	Dissolved
Cadmium	0.64	J	5.0	0.45	ug/L	1		6010D	Dissolved
Chromium	27		10	0.76	ug/L	1		6010D	Dissolved
Copper	39		25	3.5	ug/L	1		6010D	Dissolved
Lead	27		10	2.8	ug/L	1		6010D	Dissolved
Zinc	130		50	23	ug/L	1		6010D	Dissolved
Mercury	0.79		0.20	0.13	ug/L	1		7470A	Total/NA

This Detection Summary does not include radiochemical test results.

Client Sample ID: DUP-3 (Continued)

Lab Sample ID: 240-213578-5

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Cyanide, Free	0.0060		0.0060	0.0050	mg/L	1		OIA-1677	Total/NA

Client Sample ID: SB-6-GW-18-28

Lab Sample ID: 240-213578-6

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Bis(2-ethylhexyl) phthalate	8.8		6.6	2.9	ug/L	1		8270E	Total/NA
Arsenic	6600		150	41	ug/L	1		6010D	Total Recoverable
Barium	8000		2000	13	ug/L	1		6010D	Total Recoverable
Cadmium	34	J	250	23	ug/L	5		6010D	Total Recoverable
Chromium	4500		100	7.6	ug/L	1		6010D	Total Recoverable
Copper	7800		1300	180	ug/L	5		6010D	Total Recoverable
Lead	3800		500	140	ug/L	5		6010D	Total Recoverable
Selenium	110	J	200	60	ug/L	1		6010D	Total Recoverable
Zinc	25000		500	230	ug/L	1		6010D	Total Recoverable
Arsenic	19		15	4.1	ug/L	1		6010D	Dissolved
Barium	36	J	200	1.3	ug/L	1		6010D	Dissolved
Chromium	0.79	J	10	0.76	ug/L	1		6010D	Dissolved
Mercury	2.2		0.20	0.13	ug/L	1		7470A	Total/NA
Cyanide, Free	0.0060		0.0060	0.0050	mg/L	1		OIA-1677	Total/NA

Client Sample ID: TB-1-20241023

Lab Sample ID: 240-213578-7

No Detections.

Client Sample ID: TB-2-20241023

Lab Sample ID: 240-213578-8

No Detections.

Client Sample ID: TB-3-20241023

Lab Sample ID: 240-213578-9

No Detections.

This Detection Summary does not include radiochemical test results.

Client: August Mack Environmental, Inc.
Project/Site: MSC Canfield

Job ID: 240-213578-1

Client Sample ID: SB-7-GW-18-28
Date Collected: 10/23/24 08:30
Date Received: 10/23/24 16:09

Lab Sample ID: 240-213578-1
Matrix: Water

Method: SW846 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		500	240	ug/L			11/02/24 13:28	500
1,1,2,2-Tetrachloroethane	ND		500	300	ug/L			11/02/24 13:28	500
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		500	210	ug/L			11/02/24 13:28	500
1,1,2-Trichloroethane	ND		500	240	ug/L			11/02/24 13:28	500
1,1-Dichloroethane	ND		500	240	ug/L			11/02/24 13:28	500
1,1-Dichloroethene	ND		500	250	ug/L			11/02/24 13:28	500
1,2,4-Trichlorobenzene	ND		500	390	ug/L			11/02/24 13:28	500
1,2-Dibromo-3-Chloropropane	ND		1000	460	ug/L			11/02/24 13:28	500
Ethylene Dibromide	ND		500	210	ug/L			11/02/24 13:28	500
1,2-Dichlorobenzene	ND		500	240	ug/L			11/02/24 13:28	500
1,2-Dichloroethane	ND		500	230	ug/L			11/02/24 13:28	500
1,2-Dichloropropane	ND		500	240	ug/L			11/02/24 13:28	500
1,3-Dichlorobenzene	ND		500	230	ug/L			11/02/24 13:28	500
1,4-Dichlorobenzene	ND		500	210	ug/L			11/02/24 13:28	500
2-Butanone (MEK)	ND		5000	580	ug/L			11/02/24 13:28	500
2-Hexanone	ND		5000	560	ug/L			11/02/24 13:28	500
4-Methyl-2-pentanone (MIBK)	ND		5000	500	ug/L			11/02/24 13:28	500
Acetone	ND		5000	2700	ug/L			11/02/24 13:28	500
Benzene	ND		500	210	ug/L			11/02/24 13:28	500
Dichlorobromomethane	ND		500	190	ug/L			11/02/24 13:28	500
Bromoform	ND		500	380	ug/L			11/02/24 13:28	500
Bromomethane	ND		500	210	ug/L			11/02/24 13:28	500
Carbon disulfide	ND		500	300	ug/L			11/02/24 13:28	500
Carbon tetrachloride	ND		500	130	ug/L			11/02/24 13:28	500
Chlorobenzene	ND		500	190	ug/L			11/02/24 13:28	500
Chloroethane	ND		500	420	ug/L			11/02/24 13:28	500
Chloroform	ND		500	240	ug/L			11/02/24 13:28	500
Chloromethane	ND		500	320	ug/L			11/02/24 13:28	500
cis-1,2-Dichloroethene	ND		500	230	ug/L			11/02/24 13:28	500
cis-1,3-Dichloropropene	ND		500	310	ug/L			11/02/24 13:28	500
Cyclohexane	ND		500	240	ug/L			11/02/24 13:28	500
Chlorodibromomethane	ND		500	200	ug/L			11/02/24 13:28	500
Dichlorodifluoromethane	ND		500	180	ug/L			11/02/24 13:28	500
Ethylbenzene	ND		500	210	ug/L			11/02/24 13:28	500
Isopropylbenzene	ND		500	250	ug/L			11/02/24 13:28	500
Methyl acetate	ND		5000	860	ug/L			11/02/24 13:28	500
Methyl tert-butyl ether	ND		500	240	ug/L			11/02/24 13:28	500
Methylcyclohexane	ND		500	170	ug/L			11/02/24 13:28	500
Methylene Chloride	ND		2500	1300	ug/L			11/02/24 13:28	500
Styrene	ND		500	230	ug/L			11/02/24 13:28	500
Tetrachloroethene	ND		500	220	ug/L			11/02/24 13:28	500
Toluene	ND		500	220	ug/L			11/02/24 13:28	500
trans-1,2-Dichloroethene	ND		500	260	ug/L			11/02/24 13:28	500
trans-1,3-Dichloropropene	ND		500	340	ug/L			11/02/24 13:28	500
Trichloroethene	**13000**		500	220	ug/L			11/02/24 13:28	500
Trichlorofluoromethane	ND		500	230	ug/L			11/02/24 13:28	500
Vinyl chloride	ND		500	230	ug/L			11/02/24 13:28	500
Xylenes, Total	ND		1000	210	ug/L			11/02/24 13:28	500

Client: August Mack Environmental, Inc.
Project/Site: MSC Canfield

Job ID: 240-213578-1

Client Sample ID: SB-7-GW-18-28
Date Collected: 10/23/24 08:30
Date Received: 10/23/24 16:09

Lab Sample ID: 240-213578-1
Matrix: Water

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Toluene-d8 (Surr)	*100*		*78 - 122*		*11/02/24 13:28*	*500*
Dibromofluoromethane (Surr)	*98*		*73 - 120*		*11/02/24 13:28*	*500*
4-Bromofluorobenzene (Surr)	*97*		*56 - 136*		*11/02/24 13:28*	*500*
1,2-Dichloroethane-d4 (Surr)	*101*		*62 - 137*		*11/02/24 13:28*	*500*

Method: SW846 8270E - Semivolatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1'-Biphenyl	ND		0.96	0.47	ug/L		10/25/24 08:51	11/02/24 17:09	1
bis (2-chloroisopropyl) ether	ND		0.96	0.23	ug/L		10/25/24 08:51	11/02/24 17:09	1
2,4,5-Trichlorophenol	ND		4.8	1.9	ug/L		10/25/24 08:51	11/02/24 17:09	1
2,4,6-Trichlorophenol	ND		4.8	1.7	ug/L		10/25/24 08:51	11/02/24 17:09	1
2,4-Dichlorophenol	ND		1.9	0.25	ug/L		10/25/24 08:51	11/02/24 17:09	1
2,4-Dimethylphenol	ND		1.9	0.24	ug/L		10/25/24 08:51	11/02/24 17:09	1
2,4-Dinitrophenol	ND		9.6	2.5	ug/L		10/25/24 08:51	11/02/24 17:09	1
2,4-Dinitrotoluene	ND		4.8	2.0	ug/L		10/25/24 08:51	11/02/24 17:09	1
2,6-Dinitrotoluene	ND		4.8	1.0	ug/L		10/25/24 08:51	11/02/24 17:09	1
2-Chloronaphthalene	ND		0.96	0.22	ug/L		10/25/24 08:51	11/02/24 17:09	1
2-Chlorophenol	ND		0.96	0.26	ug/L		10/25/24 08:51	11/02/24 17:09	1
2-Methylnaphthalene	ND		0.19	0.11	ug/L		10/25/24 08:51	11/02/24 17:09	1
2-Methylphenol	ND		0.96	0.20	ug/L		10/25/24 08:51	11/02/24 17:09	1
2-Nitroaniline	ND		1.9	0.49	ug/L		10/25/24 08:51	11/02/24 17:09	1
2-Nitrophenol	ND		1.9	0.54	ug/L		10/25/24 08:51	11/02/24 17:09	1
3,3'-Dichlorobenzidine	ND		4.8	1.1	ug/L		10/25/24 08:51	11/02/24 17:09	1
3-Nitroaniline	ND		1.9	0.54	ug/L		10/25/24 08:51	11/02/24 17:09	1
4,6-Dinitro-2-methylphenol	ND		4.8	2.7	ug/L		10/25/24 08:51	11/02/24 17:09	1
4-Bromophenyl phenyl ether	ND		1.9	0.48	ug/L		10/25/24 08:51	11/02/24 17:09	1
4-Chloro-3-methylphenol	ND		1.9	0.28	ug/L		10/25/24 08:51	11/02/24 17:09	1
4-Chloroaniline	ND		1.9	0.30	ug/L		10/25/24 08:51	11/02/24 17:09	1
4-Chlorophenyl phenyl ether	ND		1.9	0.53	ug/L		10/25/24 08:51	11/02/24 17:09	1
4-Nitroaniline	ND		1.9	0.31	ug/L		10/25/24 08:51	11/02/24 17:09	1
4-Nitrophenol	ND		9.6	2.1	ug/L		10/25/24 08:51	11/02/24 17:09	1
Acenaphthene	ND		0.19	0.17	ug/L		10/25/24 08:51	11/02/24 17:09	1
Acenaphthylene	ND		0.19	0.12	ug/L		10/25/24 08:51	11/02/24 17:09	1
Acetophenone	ND		0.96	0.35	ug/L		10/25/24 08:51	11/02/24 17:09	1
Anthracene	ND		0.19	0.13	ug/L		10/25/24 08:51	11/02/24 17:09	1
Atrazine	ND		1.9	0.92	ug/L		10/25/24 08:51	11/02/24 17:09	1
Benzaldehyde	ND		1.9	0.73	ug/L		10/25/24 08:51	11/02/24 17:09	1
Benzo[a]anthracene	ND		0.19	0.065	ug/L		10/25/24 08:51	11/02/24 17:09	1
Benzo[a]pyrene	ND		0.19	0.17	ug/L		10/25/24 08:51	11/02/24 17:09	1
Benzo[b]fluoranthene	ND		0.19	0.15	ug/L		10/25/24 08:51	11/02/24 17:09	1
Benzo[g,h,i]perylene	ND		0.19	0.17	ug/L		10/25/24 08:51	11/02/24 17:09	1
Benzo[k]fluoranthene	ND		0.19	0.13	ug/L		10/25/24 08:51	11/02/24 17:09	1
Bis(2-chloroethoxy)methane	ND		0.96	0.21	ug/L		10/25/24 08:51	11/02/24 17:09	1
Bis(2-chloroethyl)ether	ND		0.96	0.39	ug/L		10/25/24 08:51	11/02/24 17:09	1
Bis(2-ethylhexyl) phthalate	ND		4.8	2.1	ug/L		10/25/24 08:51	11/02/24 17:09	1
Butyl benzyl phthalate	ND		1.9	0.64	ug/L		10/25/24 08:51	11/02/24 17:09	1
Caprolactam	ND		4.8	3.7	ug/L		10/25/24 08:51	11/02/24 17:09	1
Carbazole	ND		0.96	0.47	ug/L		10/25/24 08:51	11/02/24 17:09	1
Chrysene	ND		0.19	0.063	ug/L		10/25/24 08:51	11/02/24 17:09	1
Dibenz(a,h)anthracene	ND		0.19	0.15	ug/L		10/25/24 08:51	11/02/24 17:09	1

Client Sample ID: SB-7-GW-18-28
Date Collected: 10/23/24 08:30
Date Received: 10/23/24 16:09

Lab Sample ID: 240-213578-1
Matrix: Water

Method: SW846 8270E - Semivolatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Dibenzofuran	ND		0.96	0.26	ug/L		10/25/24 08:51	11/02/24 17:09	1
Diethyl phthalate	ND		4.8	0.39	ug/L		10/25/24 08:51	11/02/24 17:09	1
Dimethyl phthalate	ND		1.9	0.50	ug/L		10/25/24 08:51	11/02/24 17:09	1
Di-n-butyl phthalate	ND		4.8	1.7	ug/L		10/25/24 08:51	11/02/24 17:09	1
Di-n-octyl phthalate	ND		1.9	0.79	ug/L		10/25/24 08:51	11/02/24 17:09	1
Fluoranthene	ND		0.19	0.15	ug/L		10/25/24 08:51	11/02/24 17:09	1
Fluorene	ND		0.19	0.076	ug/L		10/25/24 08:51	11/02/24 17:09	1
Hexachlorobenzene	ND		0.19	0.15	ug/L		10/25/24 08:51	11/02/24 17:09	1
Hexachlorobutadiene	ND		0.96	0.52	ug/L		10/25/24 08:51	11/02/24 17:09	1
Hexachlorocyclopentadiene	ND		9.6	1.7	ug/L		10/25/24 08:51	11/02/24 17:09	1
Hexachloroethane	ND		0.96	0.38	ug/L		10/25/24 08:51	11/02/24 17:09	1
Indeno[1,2,3-cd]pyrene	ND		0.19	0.13	ug/L		10/25/24 08:51	11/02/24 17:09	1
Isophorone	ND		0.96	0.31	ug/L		10/25/24 08:51	11/02/24 17:09	1
N-Nitrosodi-n-propylamine	ND		0.96	0.24	ug/L		10/25/24 08:51	11/02/24 17:09	1
N-Nitrosodiphenylamine	ND		0.96	0.42	ug/L		10/25/24 08:51	11/02/24 17:09	1
Naphthalene	ND		0.19	0.10	ug/L		10/25/24 08:51	11/02/24 17:09	1
Nitrobenzene	ND		0.96	0.49	ug/L		10/25/24 08:51	11/02/24 17:09	1
Pentachlorophenol	ND		9.6	3.0	ug/L		10/25/24 08:51	11/02/24 17:09	1
Phenanthrene	ND		0.19	0.077	ug/L		10/25/24 08:51	11/02/24 17:09	1
Phenol	ND		0.96	0.39	ug/L		10/25/24 08:51	11/02/24 17:09	1
Pyrene	ND		0.19	0.080	ug/L		10/25/24 08:51	11/02/24 17:09	1
3 & 4 Methylphenol	ND		1.9	0.18	ug/L		10/25/24 08:51	11/02/24 17:09	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Terphenyl-d14 (Surr)	*81*		*43 - 136*	*10/25/24 08:51*	*11/02/24 17:09*	*1*
Phenol-d5 (Surr)	*64*		*10 - 120*	*10/25/24 08:51*	*11/02/24 17:09*	*1*
Nitrobenzene-d5 (Surr)	*65*		*40 - 120*	*10/25/24 08:51*	*11/02/24 17:09*	*1*
2-Fluorophenol (Surr)	*82*		*10 - 127*	*10/25/24 08:51*	*11/02/24 17:09*	*1*
2-Fluorobiphenyl (Surr)	*76*		*41 - 120*	*10/25/24 08:51*	*11/02/24 17:09*	*1*
2,4,6-Tribromophenol (Surr)	*101*		*23 - 127*	*10/25/24 08:51*	*11/02/24 17:09*	*1*

Method: SW846 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aroclor-1016	ND		0.095	0.053	ug/L		10/25/24 08:42	10/28/24 17:18	1
Aroclor-1221	ND		0.095	0.054	ug/L		10/25/24 08:42	10/28/24 17:18	1
Aroclor-1232	ND		0.095	0.070	ug/L		10/25/24 08:42	10/28/24 17:18	1
Aroclor-1242	**0.11**		0.095	0.072	ug/L		10/25/24 08:42	10/28/24 17:18	1
Aroclor-1248	ND		0.095	0.048	ug/L		10/25/24 08:42	10/28/24 17:18	1
Aroclor-1254	ND		0.095	0.038	ug/L		10/25/24 08:42	10/28/24 17:18	1
Aroclor-1260	ND		0.095	0.044	ug/L		10/25/24 08:42	10/28/24 17:18	1
Aroclor-1262	ND		0.095	0.055	ug/L		10/25/24 08:42	10/28/24 17:18	1
Aroclor-1268	ND		0.095	0.059	ug/L		10/25/24 08:42	10/28/24 17:18	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Tetrachloro-m-xylene	*63*		*10 - 149*	*10/25/24 08:42*	*10/28/24 17:18*	*1*
DCB Decachlorobiphenyl	*17*		*10 - 174*	*10/25/24 08:42*	*10/28/24 17:18*	*1*

Method: SW846 6010D - Metals (ICP) - Total Recoverable

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	**25**		15	4.1	ug/L		10/24/24 14:00	10/25/24 16:29	1

Client Sample ID: SB-7-GW-18-28
Date Collected: 10/23/24 08:30
Date Received: 10/23/24 16:09

Lab Sample ID: 240-213578-1
Matrix: Water

Method: SW846 6010D - Metals (ICP) - Total Recoverable (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Barium	**60**	**J**	200	1.3	ug/L		10/24/24 14:00	10/25/24 16:29	1
Cadmium	ND		5.0	0.45	ug/L		10/24/24 14:00	10/25/24 16:29	1
Chromium	**6.5**	**J**	10	0.76	ug/L		10/24/24 14:00	10/25/24 16:29	1
Copper	**10**	**J**	25	3.5	ug/L		10/24/24 14:00	10/25/24 16:29	1
Lead	ND		10	2.8	ug/L		10/24/24 14:00	10/25/24 16:29	1
Selenium	ND		20	6.0	ug/L		10/24/24 14:00	10/25/24 16:29	1
Silver	ND		10	1.4	ug/L		10/24/24 14:00	10/25/24 16:29	1
Zinc	**23**	**J**	50	23	ug/L		10/24/24 14:00	10/25/24 16:29	1

Method: SW846 6010D - Metals (ICP) - Dissolved

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	**19**		15	4.1	ug/L		10/24/24 14:00	10/25/24 16:33	1
Barium	**40**	**J**	200	1.3	ug/L		10/24/24 14:00	10/25/24 16:33	1
Cadmium	ND		5.0	0.45	ug/L		10/24/24 14:00	10/25/24 16:33	1
Chromium	ND		10	0.76	ug/L		10/24/24 14:00	10/25/24 16:33	1
Copper	ND		25	3.5	ug/L		10/24/24 14:00	10/25/24 16:33	1
Lead	ND		10	2.8	ug/L		10/24/24 14:00	10/25/24 16:33	1
Selenium	ND		20	6.0	ug/L		10/24/24 14:00	10/25/24 16:33	1
Silver	ND		10	1.4	ug/L		10/24/24 14:00	10/25/24 16:33	1
Zinc	ND		50	23	ug/L		10/24/24 14:00	10/25/24 16:33	1

Method: SW846 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	ND		0.20	0.13	ug/L		10/24/24 14:00	10/25/24 13:32	1

Method: SW846 7470A - Mercury (CVAA) - Dissolved

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	ND		0.20	0.13	ug/L		10/24/24 14:00	10/25/24 13:37	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chromium, hexavalent (SW846 7196A)	ND		0.020	0.0070	mg/L			10/23/24 16:59	1
Cyanide, Total (SW846 9012B)	ND		0.010	0.0060	mg/L		10/30/24 08:38	10/30/24 10:19	1
Cyanide, Free (OI CORP OIA-1677)	**0.0074**		0.0060	0.0050	mg/L			11/04/24 14:29	1

General Chemistry - Dissolved

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chromium, hexavalent (SW846 7196A)	ND		0.020	0.0070	mg/L			10/23/24 16:59	1

Client: August Mack Environmental, Inc.
Project/Site: MSC Canfield

Job ID: 240-213578-1

Client Sample ID: SB-4-GW-18-28
Date Collected: 10/23/24 11:25
Date Received: 10/23/24 16:09

Lab Sample ID: 240-213578-2
Matrix: Water

Method: SW846 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		1.0	0.48	ug/L			11/02/24 13:51	1
1,1,2,2-Tetrachloroethane	ND		1.0	0.60	ug/L			11/02/24 13:51	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		1.0	0.41	ug/L			11/02/24 13:51	1
1,1,2-Trichloroethane	ND		1.0	0.48	ug/L			11/02/24 13:51	1
1,1-Dichloroethane	ND		1.0	0.47	ug/L			11/02/24 13:51	1
1,1-Dichloroethene	ND		1.0	0.49	ug/L			11/02/24 13:51	1
1,2,4-Trichlorobenzene	ND		1.0	0.77	ug/L			11/02/24 13:51	1
1,2-Dibromo-3-Chloropropane	ND		2.0	0.91	ug/L			11/02/24 13:51	1
Ethylene Dibromide	ND		1.0	0.41	ug/L			11/02/24 13:51	1
1,2-Dichlorobenzene	ND		1.0	0.48	ug/L			11/02/24 13:51	1
1,2-Dichloroethane	ND		1.0	0.46	ug/L			11/02/24 13:51	1
1,2-Dichloropropane	ND		1.0	0.47	ug/L			11/02/24 13:51	1
1,3-Dichlorobenzene	ND		1.0	0.45	ug/L			11/02/24 13:51	1
1,4-Dichlorobenzene	ND		1.0	0.41	ug/L			11/02/24 13:51	1
2-Butanone (MEK)	ND		10	1.2	ug/L			11/02/24 13:51	1
2-Hexanone	ND		10	1.1	ug/L			11/02/24 13:51	1
4-Methyl-2-pentanone (MIBK)	ND		10	0.99	ug/L			11/02/24 13:51	1
Acetone	ND		10	5.4	ug/L			11/02/24 13:51	1
Benzene	ND		1.0	0.42	ug/L			11/02/24 13:51	1
Dichlorobromomethane	ND		1.0	0.38	ug/L			11/02/24 13:51	1
Bromoform	ND		1.0	0.76	ug/L			11/02/24 13:51	1
Bromomethane	ND		1.0	0.42	ug/L			11/02/24 13:51	1
Carbon disulfide	ND		1.0	0.59	ug/L			11/02/24 13:51	1
Carbon tetrachloride	ND		1.0	0.26	ug/L			11/02/24 13:51	1
Chlorobenzene	ND		1.0	0.38	ug/L			11/02/24 13:51	1
Chloroethane	ND		1.0	0.83	ug/L			11/02/24 13:51	1
Chloroform	ND		1.0	0.47	ug/L			11/02/24 13:51	1
Chloromethane	ND		1.0	0.63	ug/L			11/02/24 13:51	1
cis-1,2-Dichloroethene	ND		1.0	0.46	ug/L			11/02/24 13:51	1
cis-1,3-Dichloropropene	ND		1.0	0.61	ug/L			11/02/24 13:51	1
Cyclohexane	ND		1.0	0.48	ug/L			11/02/24 13:51	1
Chlorodibromomethane	ND		1.0	0.39	ug/L			11/02/24 13:51	1
Dichlorodifluoromethane	ND		1.0	0.35	ug/L			11/02/24 13:51	1
Ethylbenzene	ND		1.0	0.42	ug/L			11/02/24 13:51	1
Isopropylbenzene	ND		1.0	0.49	ug/L			11/02/24 13:51	1
Methyl acetate	ND		10	1.7	ug/L			11/02/24 13:51	1
Methyl tert-butyl ether	ND		1.0	0.47	ug/L			11/02/24 13:51	1
Methylcyclohexane	ND		1.0	0.33	ug/L			11/02/24 13:51	1
Methylene Chloride	ND		5.0	2.6	ug/L			11/02/24 13:51	1
Styrene	ND		1.0	0.45	ug/L			11/02/24 13:51	1
Tetrachloroethene	ND		1.0	0.44	ug/L			11/02/24 13:51	1
Toluene	ND		1.0	0.44	ug/L			11/02/24 13:51	1
trans-1,2-Dichloroethene	ND		1.0	0.51	ug/L			11/02/24 13:51	1
trans-1,3-Dichloropropene	ND		1.0	0.67	ug/L			11/02/24 13:51	1
Trichloroethene	ND		1.0	0.44	ug/L			11/02/24 13:51	1
Trichlorofluoromethane	ND		1.0	0.45	ug/L			11/02/24 13:51	1
Vinyl chloride	ND		1.0	0.45	ug/L			11/02/24 13:51	1
Xylenes, Total	ND		2.0	0.42	ug/L			11/02/24 13:51	1

Client Sample ID: SB-4-GW-18-28

Date Collected: 10/23/24 11:25
Date Received: 10/23/24 16:09

Lab Sample ID: 240-213578-2

Matrix: Water

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
Toluene-d8 (Surr)	*100*		*78 - 122*		*11/02/24 13:51*	*1*
Dibromofluoromethane (Surr)	*96*		*73 - 120*		*11/02/24 13:51*	*1*
4-Bromofluorobenzene (Surr)	*96*		*56 - 136*		*11/02/24 13:51*	*1*
1,2-Dichloroethane-d4 (Surr)	*105*		*62 - 137*		*11/02/24 13:51*	*1*

Method: SW846 8270E - Semivolatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1'-Biphenyl	ND		1.1	0.53	ug/L		10/25/24 08:51	11/02/24 17:32	1
bis (2-chloroisopropyl) ether	ND		1.1	0.26	ug/L		10/25/24 08:51	11/02/24 17:32	1
2,4,5-Trichlorophenol	ND		5.4	2.2	ug/L		10/25/24 08:51	11/02/24 17:32	1
2,4,6-Trichlorophenol	ND		5.4	2.0	ug/L		10/25/24 08:51	11/02/24 17:32	1
2,4-Dichlorophenol	ND		2.2	0.28	ug/L		10/25/24 08:51	11/02/24 17:32	1
2,4-Dimethylphenol	ND		2.2	0.27	ug/L		10/25/24 08:51	11/02/24 17:32	1
2,4-Dinitrophenol	ND		11	2.8	ug/L		10/25/24 08:51	11/02/24 17:32	1
2,4-Dinitrotoluene	ND		5.4	2.3	ug/L		10/25/24 08:51	11/02/24 17:32	1
2,6-Dinitrotoluene	ND		5.4	1.1	ug/L		10/25/24 08:51	11/02/24 17:32	1
2-Chloronaphthalene	ND		1.1	0.25	ug/L		10/25/24 08:51	11/02/24 17:32	1
2-Chlorophenol	ND		1.1	0.30	ug/L		10/25/24 08:51	11/02/24 17:32	1
2-Methylnaphthalene	ND		0.22	0.12	ug/L		10/25/24 08:51	11/02/24 17:32	1
2-Methylphenol	ND		1.1	0.23	ug/L		10/25/24 08:51	11/02/24 17:32	1
2-Nitroaniline	ND		2.2	0.55	ug/L		10/25/24 08:51	11/02/24 17:32	1
2-Nitrophenol	ND		2.2	0.61	ug/L		10/25/24 08:51	11/02/24 17:32	1
3,3'-Dichlorobenzidine	ND		5.4	1.3	ug/L		10/25/24 08:51	11/02/24 17:32	1
3-Nitroaniline	ND		2.2	0.62	ug/L		10/25/24 08:51	11/02/24 17:32	1
4,6-Dinitro-2-methylphenol	ND		5.4	3.1	ug/L		10/25/24 08:51	11/02/24 17:32	1
4-Bromophenyl phenyl ether	ND		2.2	0.54	ug/L		10/25/24 08:51	11/02/24 17:32	1
4-Chloro-3-methylphenol	ND		2.2	0.32	ug/L		10/25/24 08:51	11/02/24 17:32	1
4-Chloroaniline	ND		2.2	0.34	ug/L		10/25/24 08:51	11/02/24 17:32	1
4-Chlorophenyl phenyl ether	ND		2.2	0.60	ug/L		10/25/24 08:51	11/02/24 17:32	1
4-Nitroaniline	ND		2.2	0.36	ug/L		10/25/24 08:51	11/02/24 17:32	1
4-Nitrophenol	ND		11	2.4	ug/L		10/25/24 08:51	11/02/24 17:32	1
Acenaphthene	ND		0.22	0.19	ug/L		10/25/24 08:51	11/02/24 17:32	1
Acenaphthylene	ND		0.22	0.14	ug/L		10/25/24 08:51	11/02/24 17:32	1
Acetophenone	ND		1.1	0.40	ug/L		10/25/24 08:51	11/02/24 17:32	1
Anthracene	ND		0.22	0.15	ug/L		10/25/24 08:51	11/02/24 17:32	1
Atrazine	ND		2.2	1.0	ug/L		10/25/24 08:51	11/02/24 17:32	1
Benzaldehyde	ND		2.2	0.83	ug/L		10/25/24 08:51	11/02/24 17:32	1
Benzo[a]anthracene	ND		0.22	0.074	ug/L		10/25/24 08:51	11/02/24 17:32	1
Benzo[a]pyrene	ND		0.22	0.19	ug/L		10/25/24 08:51	11/02/24 17:32	1
Benzo[b]fluoranthene	ND		0.22	0.17	ug/L		10/25/24 08:51	11/02/24 17:32	1
Benzo[g,h,i]perylene	ND		0.22	0.19	ug/L		10/25/24 08:51	11/02/24 17:32	1
Benzo[k]fluoranthene	ND		0.22	0.15	ug/L		10/25/24 08:51	11/02/24 17:32	1
Bis(2-chloroethoxy)methane	ND		1.1	0.24	ug/L		10/25/24 08:51	11/02/24 17:32	1
Bis(2-chloroethyl)ether	ND		1.1	0.44	ug/L		10/25/24 08:51	11/02/24 17:32	1
Bis(2-ethylhexyl) phthalate	ND		5.4	2.4	ug/L		10/25/24 08:51	11/02/24 17:32	1
Butyl benzyl phthalate	ND		2.2	0.72	ug/L		10/25/24 08:51	11/02/24 17:32	1
Caprolactam	ND		5.4	4.2	ug/L		10/25/24 08:51	11/02/24 17:32	1
Carbazole	ND		1.1	0.53	ug/L		10/25/24 08:51	11/02/24 17:32	1
Chrysene	ND		0.22	0.072	ug/L		10/25/24 08:51	11/02/24 17:32	1
Dibenz(a,h)anthracene	ND		0.22	0.16	ug/L		10/25/24 08:51	11/02/24 17:32	1

Client Sample ID: SB-4-GW-18-28
Date Collected: 10/23/24 11:25
Date Received: 10/23/24 16:09

Lab Sample ID: 240-213578-2
Matrix: Water

Method: SW846 8270E - Semivolatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Dibenzofuran	ND		1.1	0.29	ug/L		10/25/24 08:51	11/02/24 17:32	1
Diethyl phthalate	ND		5.4	0.44	ug/L		10/25/24 08:51	11/02/24 17:32	1
Dimethyl phthalate	ND		2.2	0.56	ug/L		10/25/24 08:51	11/02/24 17:32	1
Di-n-butyl phthalate	ND		5.4	2.0	ug/L		10/25/24 08:51	11/02/24 17:32	1
Di-n-octyl phthalate	ND		2.2	0.89	ug/L		10/25/24 08:51	11/02/24 17:32	1
Fluoranthene	**0.17**	**J**	0.22	0.17	ug/L		10/25/24 08:51	11/02/24 17:32	1
Fluorene	ND		0.22	0.086	ug/L		10/25/24 08:51	11/02/24 17:32	1
Hexachlorobenzene	ND		0.22	0.18	ug/L		10/25/24 08:51	11/02/24 17:32	1
Hexachlorobutadiene	ND		1.1	0.59	ug/L		10/25/24 08:51	11/02/24 17:32	1
Hexachlorocyclopentadiene	ND		11	1.9	ug/L		10/25/24 08:51	11/02/24 17:32	1
Hexachloroethane	ND		1.1	0.43	ug/L		10/25/24 08:51	11/02/24 17:32	1
Indeno[1,2,3-cd]pyrene	ND		0.22	0.15	ug/L		10/25/24 08:51	11/02/24 17:32	1
Isophorone	ND		1.1	0.35	ug/L		10/25/24 08:51	11/02/24 17:32	1
N-Nitrosodi-n-propylamine	ND		1.1	0.28	ug/L		10/25/24 08:51	11/02/24 17:32	1
N-Nitrosodiphenylamine	ND		1.1	0.48	ug/L		10/25/24 08:51	11/02/24 17:32	1
Naphthalene	ND		0.22	0.12	ug/L		10/25/24 08:51	11/02/24 17:32	1
Nitrobenzene	ND		1.1	0.56	ug/L		10/25/24 08:51	11/02/24 17:32	1
Pentachlorophenol	ND		11	3.4	ug/L		10/25/24 08:51	11/02/24 17:32	1
Phenanthrene	**0.18**	**J**	0.22	0.087	ug/L		10/25/24 08:51	11/02/24 17:32	1
Phenol	ND		1.1	0.44	ug/L		10/25/24 08:51	11/02/24 17:32	1
Pyrene	**0.12**	**J**	0.22	0.090	ug/L		10/25/24 08:51	11/02/24 17:32	1
3 & 4 Methylphenol	ND		2.2	0.21	ug/L		10/25/24 08:51	11/02/24 17:32	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Terphenyl-d14 (Surr)	*81*		*43 - 136*	*10/25/24 08:51*	*11/02/24 17:32*	*1*
Phenol-d5 (Surr)	*62*		*10 - 120*	*10/25/24 08:51*	*11/02/24 17:32*	*1*
Nitrobenzene-d5 (Surr)	*69*		*40 - 120*	*10/25/24 08:51*	*11/02/24 17:32*	*1*
2-Fluorophenol (Surr)	*93*		*10 - 127*	*10/25/24 08:51*	*11/02/24 17:32*	*1*
2-Fluorobiphenyl (Surr)	*79*		*41 - 120*	*10/25/24 08:51*	*11/02/24 17:32*	*1*
2,4,6-Tribromophenol (Surr)	*97*		*23 - 127*	*10/25/24 08:51*	*11/02/24 17:32*	*1*

Method: SW846 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aroclor-1016	ND		0.095	0.053	ug/L		10/25/24 08:42	10/28/24 17:29	1
Aroclor-1221	ND		0.095	0.054	ug/L		10/25/24 08:42	10/28/24 17:29	1
Aroclor-1232	ND		0.095	0.070	ug/L		10/25/24 08:42	10/28/24 17:29	1
Aroclor-1242	**0.10**		0.095	0.072	ug/L		10/25/24 08:42	10/28/24 17:29	1
Aroclor-1248	ND		0.095	0.048	ug/L		10/25/24 08:42	10/28/24 17:29	1
Aroclor-1254	ND		0.095	0.038	ug/L		10/25/24 08:42	10/28/24 17:29	1
Aroclor-1260	ND		0.095	0.044	ug/L		10/25/24 08:42	10/28/24 17:29	1
Aroclor-1262	ND		0.095	0.055	ug/L		10/25/24 08:42	10/28/24 17:29	1
Aroclor-1268	ND		0.095	0.059	ug/L		10/25/24 08:42	10/28/24 17:29	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Tetrachloro-m-xylene	*53*		*10 - 149*	*10/25/24 08:42*	*10/28/24 17:29*	*1*
DCB Decachlorobiphenyl	*20*		*10 - 174*	*10/25/24 08:42*	*10/28/24 17:29*	*1*

Method: SW846 6010D - Metals (ICP) - Total Recoverable

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	**1900**		75	20	ug/L		10/25/24 14:00	10/28/24 21:12	5

Client: August Mack Environmental, Inc.
Project/Site: MSC Canfield

Job ID: 240-213578-1

Client Sample ID: SB-4-GW-18-28

Date Collected: 10/23/24 11:25
Date Received: 10/23/24 16:09

Lab Sample ID: 240-213578-2

Matrix: Water

Method: SW846 6010D - Metals (ICP) - Total Recoverable (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Barium	**890**		200	1.3	ug/L		10/25/24 14:00	10/28/24 21:08	1
Cadmium	**6.9**	**J**	50	4.5	ug/L		10/25/24 14:00	10/30/24 14:12	10
Chromium	**1200**		100	7.6	ug/L		10/25/24 14:00	10/30/24 14:12	10
Copper	**2100**		250	35	ug/L		10/25/24 14:00	10/30/24 14:12	10
Lead	**970**		100	28	ug/L		10/25/24 14:00	10/30/24 14:12	10
Selenium	ND		100	30	ug/L		10/25/24 14:00	10/28/24 21:12	5
Silver	ND		100	14	ug/L		10/25/24 14:00	10/30/24 14:12	10
Zinc	**6600**		50	23	ug/L		10/25/24 14:00	10/28/24 21:08	1

Method: SW846 6010D - Metals (ICP) - Dissolved

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	**37**		15	4.1	ug/L		10/24/24 14:00	10/25/24 16:38	1
Barium	**59**	**J**	200	1.3	ug/L		10/24/24 14:00	10/25/24 16:38	1
Cadmium	ND		5.0	0.45	ug/L		10/24/24 14:00	10/25/24 16:38	1
Chromium	**10**		10	0.76	ug/L		10/24/24 14:00	10/25/24 16:38	1
Copper	**14**	**J**	25	3.5	ug/L		10/24/24 14:00	10/25/24 16:38	1
Lead	**6.6**	**J**	10	2.8	ug/L		10/24/24 14:00	10/25/24 16:38	1
Selenium	ND		20	6.0	ug/L		10/24/24 14:00	10/25/24 16:38	1
Silver	ND		10	1.4	ug/L		10/24/24 14:00	10/25/24 16:38	1
Zinc	**43**	**J**	50	23	ug/L		10/24/24 14:00	10/25/24 16:38	1

Method: SW846 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	**0.52**		0.20	0.13	ug/L		10/25/24 14:00	10/29/24 08:05	1

Method: SW846 7470A - Mercury (CVAA) - Dissolved

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	ND		0.20	0.13	ug/L		10/24/24 14:00	10/25/24 13:38	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chromium, hexavalent (SW846 7196A)	**0.19**	**J**	0.20	0.070	mg/L			10/23/24 16:59	10
Cyanide, Total (SW846 9012B)	ND		0.010	0.0060	mg/L		10/30/24 08:38	10/30/24 10:21	1
Cyanide, Free (OI CORP OIA-1677)	**0.0069**		0.0060	0.0050	mg/L			11/04/24 14:34	1

General Chemistry - Dissolved

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chromium, hexavalent (SW846 7196A)	ND		0.020	0.0070	mg/L			10/23/24 16:59	1

Client: August Mack Environmental, Inc.
Project/Site: MSC Canfield

Job ID: 240-213578-1

Client Sample ID: SB-2-GW-18-28
Date Collected: 10/23/24 14:15
Date Received: 10/23/24 16:09

Lab Sample ID: 240-213578-3
Matrix: Water

Method: SW846 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		1.0	0.48	ug/L			11/02/24 14:15	1
1,1,2,2-Tetrachloroethane	ND		1.0	0.60	ug/L			11/02/24 14:15	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		1.0	0.41	ug/L			11/02/24 14:15	1
1,1,2-Trichloroethane	ND		1.0	0.48	ug/L			11/02/24 14:15	1
1,1-Dichloroethane	ND		1.0	0.47	ug/L			11/02/24 14:15	1
1,1-Dichloroethene	ND		1.0	0.49	ug/L			11/02/24 14:15	1
1,2,4-Trichlorobenzene	ND		1.0	0.77	ug/L			11/02/24 14:15	1
1,2-Dibromo-3-Chloropropane	ND		2.0	0.91	ug/L			11/02/24 14:15	1
Ethylene Dibromide	ND		1.0	0.41	ug/L			11/02/24 14:15	1
1,2-Dichlorobenzene	ND		1.0	0.48	ug/L			11/02/24 14:15	1
1,2-Dichloroethane	ND		1.0	0.46	ug/L			11/02/24 14:15	1
1,2-Dichloropropane	ND		1.0	0.47	ug/L			11/02/24 14:15	1
1,3-Dichlorobenzene	ND		1.0	0.45	ug/L			11/02/24 14:15	1
1,4-Dichlorobenzene	ND		1.0	0.41	ug/L			11/02/24 14:15	1
2-Butanone (MEK)	ND		10	1.2	ug/L			11/02/24 14:15	1
2-Hexanone	ND		10	1.1	ug/L			11/02/24 14:15	1
4-Methyl-2-pentanone (MIBK)	ND		10	0.99	ug/L			11/02/24 14:15	1
Acetone	ND		10	5.4	ug/L			11/02/24 14:15	1
Benzene	ND		1.0	0.42	ug/L			11/02/24 14:15	1
Dichlorobromomethane	ND		1.0	0.38	ug/L			11/02/24 14:15	1
Bromoform	ND		1.0	0.76	ug/L			11/02/24 14:15	1
Bromomethane	ND		1.0	0.42	ug/L			11/02/24 14:15	1
Carbon disulfide	ND		1.0	0.59	ug/L			11/02/24 14:15	1
Carbon tetrachloride	ND		1.0	0.26	ug/L			11/02/24 14:15	1
Chlorobenzene	ND		1.0	0.38	ug/L			11/02/24 14:15	1
Chloroethane	ND		1.0	0.83	ug/L			11/02/24 14:15	1
Chloroform	ND		1.0	0.47	ug/L			11/02/24 14:15	1
Chloromethane	ND		1.0	0.63	ug/L			11/02/24 14:15	1
cis-1,2-Dichloroethene	ND		1.0	0.46	ug/L			11/02/24 14:15	1
cis-1,3-Dichloropropene	ND		1.0	0.61	ug/L			11/02/24 14:15	1
Cyclohexane	ND		1.0	0.48	ug/L			11/02/24 14:15	1
Chlorodibromomethane	ND		1.0	0.39	ug/L			11/02/24 14:15	1
Dichlorodifluoromethane	ND	F1	1.0	0.35	ug/L			11/02/24 14:15	1
Ethylbenzene	ND		1.0	0.42	ug/L			11/02/24 14:15	1
Isopropylbenzene	ND		1.0	0.49	ug/L			11/02/24 14:15	1
Methyl acetate	ND		10	1.7	ug/L			11/02/24 14:15	1
Methyl tert-butyl ether	ND		1.0	0.47	ug/L			11/02/24 14:15	1
Methylcyclohexane	ND		1.0	0.33	ug/L			11/02/24 14:15	1
Methylene Chloride	ND		5.0	2.6	ug/L			11/02/24 14:15	1
Styrene	ND		1.0	0.45	ug/L			11/02/24 14:15	1
Tetrachloroethene	ND		1.0	0.44	ug/L			11/02/24 14:15	1
Toluene	ND		1.0	0.44	ug/L			11/02/24 14:15	1
trans-1,2-Dichloroethene	ND		1.0	0.51	ug/L			11/02/24 14:15	1
trans-1,3-Dichloropropene	ND		1.0	0.67	ug/L			11/02/24 14:15	1
Trichloroethene	ND		1.0	0.44	ug/L			11/02/24 14:15	1
Trichlorofluoromethane	ND		1.0	0.45	ug/L			11/02/24 14:15	1
Vinyl chloride	ND		1.0	0.45	ug/L			11/02/24 14:15	1
Xylenes, Total	ND		2.0	0.42	ug/L			11/02/24 14:15	1

Client: August Mack Environmental, Inc.
Project/Site: MSC Canfield

Job ID: 240-213578-1

Client Sample ID: SB-2-GW-18-28

Date Collected: 10/23/24 14:15
Date Received: 10/23/24 16:09

Lab Sample ID: 240-213578-3

Matrix: Water

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Toluene-d8 (Surr)	*99*		*78 - 122*		*11/02/24 14:15*	*1*
Dibromofluoromethane (Surr)	*99*		*73 - 120*		*11/02/24 14:15*	*1*
4-Bromofluorobenzene (Surr)	*94*		*56 - 136*		*11/02/24 14:15*	*1*
1,2-Dichloroethane-d4 (Surr)	*105*		*62 - 137*		*11/02/24 14:15*	*1*

Method: SW846 8270E - Semivolatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1'-Biphenyl	ND		0.96	0.47	ug/L		10/25/24 08:51	11/02/24 17:55	1
bis (2-chloroisopropyl) ether	ND		0.96	0.23	ug/L		10/25/24 08:51	11/02/24 17:55	1
2,4,5-Trichlorophenol	ND		4.8	1.9	ug/L		10/25/24 08:51	11/02/24 17:55	1
2,4,6-Trichlorophenol	ND		4.8	1.7	ug/L		10/25/24 08:51	11/02/24 17:55	1
2,4-Dichlorophenol	ND		1.9	0.25	ug/L		10/25/24 08:51	11/02/24 17:55	1
2,4-Dimethylphenol	ND		1.9	0.24	ug/L		10/25/24 08:51	11/02/24 17:55	1
2,4-Dinitrophenol	ND		9.6	2.5	ug/L		10/25/24 08:51	11/02/24 17:55	1
2,4-Dinitrotoluene	ND		4.8	2.0	ug/L		10/25/24 08:51	11/02/24 17:55	1
2,6-Dinitrotoluene	ND		4.8	1.0	ug/L		10/25/24 08:51	11/02/24 17:55	1
2-Chloronaphthalene	ND		0.96	0.22	ug/L		10/25/24 08:51	11/02/24 17:55	1
2-Chlorophenol	ND		0.96	0.26	ug/L		10/25/24 08:51	11/02/24 17:55	1
2-Methylnaphthalene	ND		0.19	0.11	ug/L		10/25/24 08:51	11/02/24 17:55	1
2-Methylphenol	ND		0.96	0.20	ug/L		10/25/24 08:51	11/02/24 17:55	1
2-Nitroaniline	ND		1.9	0.49	ug/L		10/25/24 08:51	11/02/24 17:55	1
2-Nitrophenol	ND		1.9	0.54	ug/L		10/25/24 08:51	11/02/24 17:55	1
3,3'-Dichlorobenzidine	ND		4.8	1.1	ug/L		10/25/24 08:51	11/02/24 17:55	1
3-Nitroaniline	ND		1.9	0.54	ug/L		10/25/24 08:51	11/02/24 17:55	1
4,6-Dinitro-2-methylphenol	ND		4.8	2.7	ug/L		10/25/24 08:51	11/02/24 17:55	1
4-Bromophenyl phenyl ether	ND		1.9	0.48	ug/L		10/25/24 08:51	11/02/24 17:55	1
4-Chloro-3-methylphenol	ND		1.9	0.28	ug/L		10/25/24 08:51	11/02/24 17:55	1
4-Chloroaniline	ND		1.9	0.30	ug/L		10/25/24 08:51	11/02/24 17:55	1
4-Chlorophenyl phenyl ether	ND		1.9	0.53	ug/L		10/25/24 08:51	11/02/24 17:55	1
4-Nitroaniline	ND		1.9	0.31	ug/L		10/25/24 08:51	11/02/24 17:55	1
4-Nitrophenol	ND		9.6	2.1	ug/L		10/25/24 08:51	11/02/24 17:55	1
Acenaphthene	ND		0.19	0.17	ug/L		10/25/24 08:51	11/02/24 17:55	1
Acenaphthylene	ND		0.19	0.12	ug/L		10/25/24 08:51	11/02/24 17:55	1
Acetophenone	ND		0.96	0.35	ug/L		10/25/24 08:51	11/02/24 17:55	1
Anthracene	ND		0.19	0.13	ug/L		10/25/24 08:51	11/02/24 17:55	1
Atrazine	ND		1.9	0.92	ug/L		10/25/24 08:51	11/02/24 17:55	1
Benzaldehyde	ND		1.9	0.73	ug/L		10/25/24 08:51	11/02/24 17:55	1
Benzo[a]anthracene	ND		0.19	0.065	ug/L		10/25/24 08:51	11/02/24 17:55	1
Benzo[a]pyrene	ND		0.19	0.17	ug/L		10/25/24 08:51	11/02/24 17:55	1
Benzo[b]fluoranthene	ND		0.19	0.15	ug/L		10/25/24 08:51	11/02/24 17:55	1
Benzo[g,h,i]perylene	ND		0.19	0.17	ug/L		10/25/24 08:51	11/02/24 17:55	1
Benzo[k]fluoranthene	ND		0.19	0.13	ug/L		10/25/24 08:51	11/02/24 17:55	1
Bis(2-chloroethoxy)methane	ND		0.96	0.21	ug/L		10/25/24 08:51	11/02/24 17:55	1
Bis(2-chloroethyl)ether	ND		0.96	0.39	ug/L		10/25/24 08:51	11/02/24 17:55	1
Bis(2-ethylhexyl) phthalate	ND		4.8	2.1	ug/L		10/25/24 08:51	11/02/24 17:55	1
Butyl benzyl phthalate	ND		1.9	0.64	ug/L		10/25/24 08:51	11/02/24 17:55	1
Caprolactam	ND		4.8	3.7	ug/L		10/25/24 08:51	11/02/24 17:55	1
Carbazole	ND		0.96	0.47	ug/L		10/25/24 08:51	11/02/24 17:55	1
Chrysene	ND		0.19	0.063	ug/L		10/25/24 08:51	11/02/24 17:55	1
Dibenz(a,h)anthracene	ND		0.19	0.15	ug/L		10/25/24 08:51	11/02/24 17:55	1

Client Sample ID: SB-2-GW-18-28
Date Collected: 10/23/24 14:15
Date Received: 10/23/24 16:09

Lab Sample ID: 240-213578-3
Matrix: Water

Method: SW846 8270E - Semivolatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Dibenzofuran	ND		0.96	0.26	ug/L		10/25/24 08:51	11/02/24 17:55	1
Diethyl phthalate	ND		4.8	0.39	ug/L		10/25/24 08:51	11/02/24 17:55	1
Dimethyl phthalate	ND		1.9	0.50	ug/L		10/25/24 08:51	11/02/24 17:55	1
Di-n-butyl phthalate	ND		4.8	1.7	ug/L		10/25/24 08:51	11/02/24 17:55	1
Di-n-octyl phthalate	ND		1.9	0.79	ug/L		10/25/24 08:51	11/02/24 17:55	1
Fluoranthene	ND		0.19	0.15	ug/L		10/25/24 08:51	11/02/24 17:55	1
Fluorene	ND		0.19	0.076	ug/L		10/25/24 08:51	11/02/24 17:55	1
Hexachlorobenzene	ND		0.19	0.15	ug/L		10/25/24 08:51	11/02/24 17:55	1
Hexachlorobutadiene	ND		0.96	0.52	ug/L		10/25/24 08:51	11/02/24 17:55	1
Hexachlorocyclopentadiene	ND		9.6	1.7	ug/L		10/25/24 08:51	11/02/24 17:55	1
Hexachloroethane	ND		0.96	0.38	ug/L		10/25/24 08:51	11/02/24 17:55	1
Indeno[1,2,3-cd]pyrene	ND		0.19	0.13	ug/L		10/25/24 08:51	11/02/24 17:55	1
Isophorone	ND		0.96	0.31	ug/L		10/25/24 08:51	11/02/24 17:55	1
N-Nitrosodi-n-propylamine	ND		0.96	0.24	ug/L		10/25/24 08:51	11/02/24 17:55	1
N-Nitrosodiphenylamine	ND		0.96	0.42	ug/L		10/25/24 08:51	11/02/24 17:55	1
Naphthalene	ND		0.19	0.10	ug/L		10/25/24 08:51	11/02/24 17:55	1
Nitrobenzene	ND		0.96	0.49	ug/L		10/25/24 08:51	11/02/24 17:55	1
Pentachlorophenol	ND		9.6	3.0	ug/L		10/25/24 08:51	11/02/24 17:55	1
Phenanthrene	ND		0.19	0.077	ug/L		10/25/24 08:51	11/02/24 17:55	1
Phenol	ND		0.96	0.39	ug/L		10/25/24 08:51	11/02/24 17:55	1
Pyrene	ND		0.19	0.080	ug/L		10/25/24 08:51	11/02/24 17:55	1
3 & 4 Methylphenol	ND		1.9	0.18	ug/L		10/25/24 08:51	11/02/24 17:55	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Terphenyl-d14 (Surr)	*86*		*43 - 136*	*10/25/24 08:51*	*11/02/24 17:55*	*1*
Phenol-d5 (Surr)	*70*		*10 - 120*	*10/25/24 08:51*	*11/02/24 17:55*	*1*
Nitrobenzene-d5 (Surr)	*70*		*40 - 120*	*10/25/24 08:51*	*11/02/24 17:55*	*1*
2-Fluorophenol (Surr)	*81*		*10 - 127*	*10/25/24 08:51*	*11/02/24 17:55*	*1*
2-Fluorobiphenyl (Surr)	*82*		*41 - 120*	*10/25/24 08:51*	*11/02/24 17:55*	*1*
2,4,6-Tribromophenol (Surr)	*105*		*23 - 127*	*10/25/24 08:51*	*11/02/24 17:55*	*1*

Method: SW846 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aroclor-1016	ND		0.095	0.053	ug/L		10/25/24 08:42	10/28/24 17:41	1
Aroclor-1221	ND		0.095	0.054	ug/L		10/25/24 08:42	10/28/24 17:41	1
Aroclor-1232	ND		0.095	0.070	ug/L		10/25/24 08:42	10/28/24 17:41	1
Aroclor-1242	ND		0.095	0.072	ug/L		10/25/24 08:42	10/28/24 17:41	1
Aroclor-1248	ND		0.095	0.048	ug/L		10/25/24 08:42	10/28/24 17:41	1
Aroclor-1254	ND		0.095	0.038	ug/L		10/25/24 08:42	10/28/24 17:41	1
Aroclor-1260	ND		0.095	0.044	ug/L		10/25/24 08:42	10/28/24 17:41	1
Aroclor-1262	ND		0.095	0.055	ug/L		10/25/24 08:42	10/28/24 17:41	1
Aroclor-1268	ND		0.095	0.059	ug/L		10/25/24 08:42	10/28/24 17:41	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Tetrachloro-m-xylene	*25*		*10 - 149*	*10/25/24 08:42*	*10/28/24 17:41*	*1*
DCB Decachlorobiphenyl	*20*		*10 - 174*	*10/25/24 08:42*	*10/28/24 17:41*	*1*

Method: SW846 6010D - Metals (ICP) - Total Recoverable

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	**140**		15	4.1	ug/L		10/24/24 14:00	10/25/24 15:13	1

Client: August Mack Environmental, Inc.
Project/Site: MSC Canfield

Job ID: 240-213578-1

Client Sample ID: SB-2-GW-18-28
Date Collected: 10/23/24 14:15
Date Received: 10/23/24 16:09

Lab Sample ID: 240-213578-3
Matrix: Water

Method: SW846 6010D - Metals (ICP) - Total Recoverable (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Barium	**190**	**J**	200	1.3	ug/L		10/24/24 14:00	10/25/24 15:13	1
Cadmium	**0.95**	**J**	5.0	0.45	ug/L		10/24/24 14:00	10/25/24 15:13	1
Chromium	**83**		10	0.76	ug/L		10/24/24 14:00	10/25/24 15:13	1
Copper	**140**		25	3.5	ug/L		10/24/24 14:00	10/25/24 15:13	1
Lead	**83**		10	2.8	ug/L		10/24/24 14:00	10/25/24 15:13	1
Selenium	ND		20	6.0	ug/L		10/24/24 14:00	10/25/24 15:13	1
Silver	ND		10	1.4	ug/L		10/24/24 14:00	10/25/24 15:13	1
Zinc	**380**		50	23	ug/L		10/24/24 14:00	10/25/24 15:13	1

Method: SW846 6010D - Metals (ICP) - Dissolved

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	**37**		15	4.1	ug/L		10/24/24 14:00	10/25/24 15:43	1
Barium	**36**	**J**	200	1.3	ug/L		10/24/24 14:00	10/25/24 15:43	1
Cadmium	ND		5.0	0.45	ug/L		10/24/24 14:00	10/25/24 15:43	1
Chromium	ND		10	0.76	ug/L		10/24/24 14:00	10/25/24 15:43	1
Copper	ND		25	3.5	ug/L		10/24/24 14:00	10/25/24 15:43	1
Lead	ND		10	2.8	ug/L		10/24/24 14:00	10/25/24 15:43	1
Selenium	ND		20	6.0	ug/L		10/24/24 14:00	10/25/24 15:43	1
Silver	ND		10	1.4	ug/L		10/24/24 14:00	10/25/24 15:43	1
Zinc	ND		50	23	ug/L		10/24/24 14:00	10/25/24 15:43	1

Method: SW846 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	ND		0.20	0.13	ug/L		10/24/24 14:00	10/25/24 13:11	1

Method: SW846 7470A - Mercury (CVAA) - Dissolved

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	ND		0.20	0.13	ug/L		10/24/24 14:00	10/25/24 13:20	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chromium, hexavalent (SW846 7196A)	ND		0.20	0.070	mg/L			10/23/24 16:59	10
Chromium, hexavalent (SW846 7196A)	ND	H F2 F1	0.20	0.070	mg/L			10/25/24 13:06	10
Chromium, hexavalent (SW846 7196A)	ND	H F2 F1	0.020	0.0070	mg/L			10/25/24 13:10	1
Chromium, hexavalent (SW846 7196A)	**0.71**	**H**	0.50	0.18	mg/L			10/25/24 13:13	25
Cyanide, Total (SW846 9012B)	ND		0.010	0.0060	mg/L		10/30/24 08:38	10/30/24 10:23	1
Cyanide, Free (OI CORP OIA-1677)	ND		0.0060	0.0050	mg/L			11/04/24 14:22	1

General Chemistry - Dissolved

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chromium, hexavalent (SW846 7196A)	ND		0.020	0.0070	mg/L			10/23/24 16:59	1

Client: August Mack Environmental, Inc.
Project/Site: MSC Canfield

Job ID: 240-213578-1

Client Sample ID: DUP-2
Date Collected: 10/23/24 00:00
Date Received: 10/23/24 16:09

Lab Sample ID: 240-213578-4
Matrix: Water

Method: SW846 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		500	240	ug/L			11/02/24 14:39	500
1,1,2,2-Tetrachloroethane	ND		500	300	ug/L			11/02/24 14:39	500
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		500	210	ug/L			11/02/24 14:39	500
1,1,2-Trichloroethane	ND		500	240	ug/L			11/02/24 14:39	500
1,1-Dichloroethane	ND		500	240	ug/L			11/02/24 14:39	500
1,1-Dichloroethene	ND		500	250	ug/L			11/02/24 14:39	500
1,2,4-Trichlorobenzene	ND		500	390	ug/L			11/02/24 14:39	500
1,2-Dibromo-3-Chloropropane	ND		1000	460	ug/L			11/02/24 14:39	500
Ethylene Dibromide	ND		500	210	ug/L			11/02/24 14:39	500
1,2-Dichlorobenzene	ND		500	240	ug/L			11/02/24 14:39	500
1,2-Dichloroethane	ND		500	230	ug/L			11/02/24 14:39	500
1,2-Dichloropropane	ND		500	240	ug/L			11/02/24 14:39	500
1,3-Dichlorobenzene	ND		500	230	ug/L			11/02/24 14:39	500
1,4-Dichlorobenzene	ND		500	210	ug/L			11/02/24 14:39	500
2-Butanone (MEK)	ND		5000	580	ug/L			11/02/24 14:39	500
2-Hexanone	ND		5000	560	ug/L			11/02/24 14:39	500
4-Methyl-2-pentanone (MIBK)	ND		5000	500	ug/L			11/02/24 14:39	500
Acetone	ND		5000	2700	ug/L			11/02/24 14:39	500
Benzene	ND		500	210	ug/L			11/02/24 14:39	500
Dichlorobromomethane	ND		500	190	ug/L			11/02/24 14:39	500
Bromoform	ND		500	380	ug/L			11/02/24 14:39	500
Bromomethane	**310**	**J**	500	210	ug/L			11/02/24 14:39	500
Carbon disulfide	ND		500	300	ug/L			11/02/24 14:39	500
Carbon tetrachloride	ND		500	130	ug/L			11/02/24 14:39	500
Chlorobenzene	ND		500	190	ug/L			11/02/24 14:39	500
Chloroethane	ND		500	420	ug/L			11/02/24 14:39	500
Chloroform	ND		500	240	ug/L			11/02/24 14:39	500
Chloromethane	ND		500	320	ug/L			11/02/24 14:39	500
cis-1,2-Dichloroethene	ND		500	230	ug/L			11/02/24 14:39	500
cis-1,3-Dichloropropene	ND		500	310	ug/L			11/02/24 14:39	500
Cyclohexane	ND		500	240	ug/L			11/02/24 14:39	500
Chlorodibromomethane	ND		500	200	ug/L			11/02/24 14:39	500
Dichlorodifluoromethane	ND		500	180	ug/L			11/02/24 14:39	500
Ethylbenzene	ND		500	210	ug/L			11/02/24 14:39	500
Isopropylbenzene	ND		500	250	ug/L			11/02/24 14:39	500
Methyl acetate	ND		5000	860	ug/L			11/02/24 14:39	500
Methyl tert-butyl ether	ND		500	240	ug/L			11/02/24 14:39	500
Methylcyclohexane	ND		500	170	ug/L			11/02/24 14:39	500
Methylene Chloride	ND		2500	1300	ug/L			11/02/24 14:39	500
Styrene	ND		500	230	ug/L			11/02/24 14:39	500
Tetrachloroethene	ND		500	220	ug/L			11/02/24 14:39	500
Toluene	ND		500	220	ug/L			11/02/24 14:39	500
trans-1,2-Dichloroethene	ND		500	260	ug/L			11/02/24 14:39	500
trans-1,3-Dichloropropene	ND		500	340	ug/L			11/02/24 14:39	500
Trichloroethene	**12000**		500	220	ug/L			11/02/24 14:39	500
Trichlorofluoromethane	ND		500	230	ug/L			11/02/24 14:39	500
Vinyl chloride	ND		500	230	ug/L			11/02/24 14:39	500
Xylenes, Total	ND		1000	210	ug/L			11/02/24 14:39	500

Client: August Mack Environmental, Inc.
Project/Site: MSC Canfield

Job ID: 240-213578-1

Client Sample ID: DUP-2
Date Collected: 10/23/24 00:00
Date Received: 10/23/24 16:09

Lab Sample ID: 240-213578-4
Matrix: Water

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Toluene-d8 (Surr)	*100*		*78 - 122*		*11/02/24 14:39*	*500*
Dibromofluoromethane (Surr)	*102*		*73 - 120*		*11/02/24 14:39*	*500*
4-Bromofluorobenzene (Surr)	*96*		*56 - 136*		*11/02/24 14:39*	*500*
1,2-Dichloroethane-d4 (Surr)	*108*		*62 - 137*		*11/02/24 14:39*	*500*

Method: SW846 8270E - Semivolatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1'-Biphenyl	ND		1.0	0.49	ug/L		10/25/24 08:51	11/02/24 16:01	1
bis (2-chloroisopropyl) ether	ND		1.0	0.24	ug/L		10/25/24 08:51	11/02/24 16:01	1
2,4,5-Trichlorophenol	ND		5.0	2.0	ug/L		10/25/24 08:51	11/02/24 16:01	1
2,4,6-Trichlorophenol	ND		5.0	1.8	ug/L		10/25/24 08:51	11/02/24 16:01	1
2,4-Dichlorophenol	ND		2.0	0.26	ug/L		10/25/24 08:51	11/02/24 16:01	1
2,4-Dimethylphenol	ND		2.0	0.25	ug/L		10/25/24 08:51	11/02/24 16:01	1
2,4-Dinitrophenol	ND		10	2.6	ug/L		10/25/24 08:51	11/02/24 16:01	1
2,4-Dinitrotoluene	ND		5.0	2.1	ug/L		10/25/24 08:51	11/02/24 16:01	1
2,6-Dinitrotoluene	ND		5.0	1.1	ug/L		10/25/24 08:51	11/02/24 16:01	1
2-Chloronaphthalene	ND		1.0	0.23	ug/L		10/25/24 08:51	11/02/24 16:01	1
2-Chlorophenol	ND		1.0	0.27	ug/L		10/25/24 08:51	11/02/24 16:01	1
2-Methylnaphthalene	ND		0.20	0.11	ug/L		10/25/24 08:51	11/02/24 16:01	1
2-Methylphenol	ND		1.0	0.21	ug/L		10/25/24 08:51	11/02/24 16:01	1
2-Nitroaniline	ND		2.0	0.51	ug/L		10/25/24 08:51	11/02/24 16:01	1
2-Nitrophenol	ND		2.0	0.56	ug/L		10/25/24 08:51	11/02/24 16:01	1
3,3'-Dichlorobenzidine	ND		5.0	1.2	ug/L		10/25/24 08:51	11/02/24 16:01	1
3-Nitroaniline	ND		2.0	0.57	ug/L		10/25/24 08:51	11/02/24 16:01	1
4,6-Dinitro-2-methylphenol	ND		5.0	2.8	ug/L		10/25/24 08:51	11/02/24 16:01	1
4-Bromophenyl phenyl ether	ND		2.0	0.50	ug/L		10/25/24 08:51	11/02/24 16:01	1
4-Chloro-3-methylphenol	ND		2.0	0.30	ug/L		10/25/24 08:51	11/02/24 16:01	1
4-Chloroaniline	ND		2.0	0.32	ug/L		10/25/24 08:51	11/02/24 16:01	1
4-Chlorophenyl phenyl ether	ND		2.0	0.55	ug/L		10/25/24 08:51	11/02/24 16:01	1
4-Nitroaniline	ND		2.0	0.33	ug/L		10/25/24 08:51	11/02/24 16:01	1
4-Nitrophenol	ND		10	2.2	ug/L		10/25/24 08:51	11/02/24 16:01	1
Acenaphthene	ND		0.20	0.17	ug/L		10/25/24 08:51	11/02/24 16:01	1
Acenaphthylene	ND		0.20	0.13	ug/L		10/25/24 08:51	11/02/24 16:01	1
Acetophenone	ND		1.0	0.37	ug/L		10/25/24 08:51	11/02/24 16:01	1
Anthracene	ND		0.20	0.14	ug/L		10/25/24 08:51	11/02/24 16:01	1
Atrazine	ND		2.0	0.95	ug/L		10/25/24 08:51	11/02/24 16:01	1
Benzaldehyde	ND		2.0	0.76	ug/L		10/25/24 08:51	11/02/24 16:01	1
Benzo[a]anthracene	ND		0.20	0.068	ug/L		10/25/24 08:51	11/02/24 16:01	1
Benzo[a]pyrene	ND		0.20	0.17	ug/L		10/25/24 08:51	11/02/24 16:01	1
Benzo[b]fluoranthene	ND		0.20	0.15	ug/L		10/25/24 08:51	11/02/24 16:01	1
Benzo[g,h,i]perylene	ND		0.20	0.18	ug/L		10/25/24 08:51	11/02/24 16:01	1
Benzo[k]fluoranthene	ND		0.20	0.14	ug/L		10/25/24 08:51	11/02/24 16:01	1
Bis(2-chloroethoxy)methane	ND		1.0	0.22	ug/L		10/25/24 08:51	11/02/24 16:01	1
Bis(2-chloroethyl)ether	ND		1.0	0.40	ug/L		10/25/24 08:51	11/02/24 16:01	1
Bis(2-ethylhexyl) phthalate	ND		5.0	2.2	ug/L		10/25/24 08:51	11/02/24 16:01	1
Butyl benzyl phthalate	ND		2.0	0.67	ug/L		10/25/24 08:51	11/02/24 16:01	1
Caprolactam	ND		5.0	3.8	ug/L		10/25/24 08:51	11/02/24 16:01	1
Carbazole	ND		1.0	0.49	ug/L		10/25/24 08:51	11/02/24 16:01	1
Chrysene	ND		0.20	0.066	ug/L		10/25/24 08:51	11/02/24 16:01	1
Dibenz(a,h)anthracene	ND		0.20	0.15	ug/L		10/25/24 08:51	11/02/24 16:01	1

Client Sample ID: DUP-2
Date Collected: 10/23/24 00:00
Date Received: 10/23/24 16:09

Lab Sample ID: 240-213578-4
Matrix: Water

Method: SW846 8270E - Semivolatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Dibenzofuran	ND		1.0	0.27	ug/L		10/25/24 08:51	11/02/24 16:01	1
Diethyl phthalate	ND		5.0	0.41	ug/L		10/25/24 08:51	11/02/24 16:01	1
Dimethyl phthalate	ND		2.0	0.52	ug/L		10/25/24 08:51	11/02/24 16:01	1
Di-n-butyl phthalate	ND		5.0	1.8	ug/L		10/25/24 08:51	11/02/24 16:01	1
Di-n-octyl phthalate	ND		2.0	0.82	ug/L		10/25/24 08:51	11/02/24 16:01	1
Fluoranthene	ND		0.20	0.16	ug/L		10/25/24 08:51	11/02/24 16:01	1
Fluorene	ND		0.20	0.079	ug/L		10/25/24 08:51	11/02/24 16:01	1
Hexachlorobenzene	ND		0.20	0.16	ug/L		10/25/24 08:51	11/02/24 16:01	1
Hexachlorobutadiene	ND		1.0	0.54	ug/L		10/25/24 08:51	11/02/24 16:01	1
Hexachlorocyclopentadiene	ND		10	1.8	ug/L		10/25/24 08:51	11/02/24 16:01	1
Hexachloroethane	ND		1.0	0.40	ug/L		10/25/24 08:51	11/02/24 16:01	1
Indeno[1,2,3-cd]pyrene	ND		0.20	0.14	ug/L		10/25/24 08:51	11/02/24 16:01	1
Isophorone	ND		1.0	0.32	ug/L		10/25/24 08:51	11/02/24 16:01	1
N-Nitrosodi-n-propylamine	ND		1.0	0.25	ug/L		10/25/24 08:51	11/02/24 16:01	1
N-Nitrosodiphenylamine	ND		1.0	0.44	ug/L		10/25/24 08:51	11/02/24 16:01	1
Naphthalene	ND		0.20	0.11	ug/L		10/25/24 08:51	11/02/24 16:01	1
Nitrobenzene	ND		1.0	0.51	ug/L		10/25/24 08:51	11/02/24 16:01	1
Pentachlorophenol	ND		10	3.1	ug/L		10/25/24 08:51	11/02/24 16:01	1
Phenanthrene	ND		0.20	0.080	ug/L		10/25/24 08:51	11/02/24 16:01	1
Phenol	ND		1.0	0.40	ug/L		10/25/24 08:51	11/02/24 16:01	1
Pyrene	ND		0.20	0.083	ug/L		10/25/24 08:51	11/02/24 16:01	1
3 & 4 Methylphenol	ND		2.0	0.19	ug/L		10/25/24 08:51	11/02/24 16:01	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Terphenyl-d14 (Surr)	*87*		*43 - 136*	*10/25/24 08:51*	*11/02/24 16:01*	*1*
Phenol-d5 (Surr)	*60*		*10 - 120*	*10/25/24 08:51*	*11/02/24 16:01*	*1*
Nitrobenzene-d5 (Surr)	*61*		*40 - 120*	*10/25/24 08:51*	*11/02/24 16:01*	*1*
2-Fluorophenol (Surr)	*66*		*10 - 127*	*10/25/24 08:51*	*11/02/24 16:01*	*1*
2-Fluorobiphenyl (Surr)	*74*		*41 - 120*	*10/25/24 08:51*	*11/02/24 16:01*	*1*
2,4,6-Tribromophenol (Surr)	*95*		*23 - 127*	*10/25/24 08:51*	*11/02/24 16:01*	*1*

Method: SW846 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aroclor-1016	ND		0.095	0.053	ug/L		10/25/24 08:42	10/28/24 18:51	1
Aroclor-1221	ND		0.095	0.054	ug/L		10/25/24 08:42	10/28/24 18:51	1
Aroclor-1232	ND		0.095	0.070	ug/L		10/25/24 08:42	10/28/24 18:51	1
Aroclor-1242	ND		0.095	0.072	ug/L		10/25/24 08:42	10/28/24 18:51	1
Aroclor-1248	ND		0.095	0.048	ug/L		10/25/24 08:42	10/28/24 18:51	1
Aroclor-1254	ND		0.095	0.038	ug/L		10/25/24 08:42	10/28/24 18:51	1
Aroclor-1260	ND		0.095	0.044	ug/L		10/25/24 08:42	10/28/24 18:51	1
Aroclor-1262	ND		0.095	0.055	ug/L		10/25/24 08:42	10/28/24 18:51	1
Aroclor-1268	ND		0.095	0.059	ug/L		10/25/24 08:42	10/28/24 18:51	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Tetrachloro-m-xylene	*54*		*10 - 149*	*10/25/24 08:42*	*10/28/24 18:51*	*1*
DCB Decachlorobiphenyl	*22*		*10 - 174*	*10/25/24 08:42*	*10/28/24 18:51*	*1*

Method: SW846 6010D - Metals (ICP) - Total Recoverable

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	**22**		15	4.1	ug/L		10/24/24 14:00	10/25/24 16:42	1

Client Sample ID: DUP-2
Date Collected: 10/23/24 00:00
Date Received: 10/23/24 16:09

Lab Sample ID: 240-213578-4
Matrix: Water

Method: SW846 6010D - Metals (ICP) - Total Recoverable (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Barium	**45**	**J**	200	1.3	ug/L		10/24/24 14:00	10/25/24 16:42	1
Cadmium	ND		5.0	0.45	ug/L		10/24/24 14:00	10/25/24 16:42	1
Chromium	**2.6**	**J**	10	0.76	ug/L		10/24/24 14:00	10/25/24 16:42	1
Copper	**4.6**	**J**	25	3.5	ug/L		10/24/24 14:00	10/25/24 16:42	1
Lead	ND		10	2.8	ug/L		10/24/24 14:00	10/25/24 16:42	1
Selenium	ND		20	6.0	ug/L		10/24/24 14:00	10/25/24 16:42	1
Silver	ND		10	1.4	ug/L		10/24/24 14:00	10/25/24 16:42	1
Zinc	ND		50	23	ug/L		10/24/24 14:00	10/25/24 16:42	1

Method: SW846 6010D - Metals (ICP) - Dissolved

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	**19**		15	4.1	ug/L		10/24/24 14:00	10/25/24 16:46	1
Barium	**35**	**J**	200	1.3	ug/L		10/24/24 14:00	10/25/24 16:46	1
Cadmium	ND		5.0	0.45	ug/L		10/24/24 14:00	10/25/24 16:46	1
Chromium	ND		10	0.76	ug/L		10/24/24 14:00	10/25/24 16:46	1
Copper	ND		25	3.5	ug/L		10/24/24 14:00	10/25/24 16:46	1
Lead	ND		10	2.8	ug/L		10/24/24 14:00	10/25/24 16:46	1
Selenium	ND		20	6.0	ug/L		10/24/24 14:00	10/25/24 16:46	1
Silver	ND		10	1.4	ug/L		10/24/24 14:00	10/25/24 16:46	1
Zinc	ND		50	23	ug/L		10/24/24 14:00	10/25/24 16:46	1

Method: SW846 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	ND		0.20	0.13	ug/L		10/24/24 14:00	10/25/24 13:40	1

Method: SW846 7470A - Mercury (CVAA) - Dissolved

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	ND		0.20	0.13	ug/L		10/24/24 14:00	10/25/24 13:42	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chromium, hexavalent (SW846 7196A)	ND		0.20	0.070	mg/L			10/23/24 16:59	10
Cyanide, Total (SW846 9012B)	ND		0.010	0.0060	mg/L		10/30/24 08:38	10/30/24 10:28	1
Cyanide, Free (OI CORP OIA-1677)	**0.0055**	**J**	0.0060	0.0050	mg/L			11/04/24 14:32	1

General Chemistry - Dissolved

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chromium, hexavalent (SW846 7196A)	ND		0.020	0.0070	mg/L			10/23/24 16:59	1

Client: August Mack Environmental, Inc.
Project/Site: MSC Canfield

Job ID: 240-213578-1

Client Sample ID: DUP-3
Date Collected: 10/23/24 00:00
Date Received: 10/23/24 16:09

Lab Sample ID: 240-213578-5
Matrix: Water

Method: SW846 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		1.0	0.48	ug/L			11/02/24 15:03	1
1,1,2,2-Tetrachloroethane	ND		1.0	0.60	ug/L			11/02/24 15:03	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		1.0	0.41	ug/L			11/02/24 15:03	1
1,1,2-Trichloroethane	ND		1.0	0.48	ug/L			11/02/24 15:03	1
1,1-Dichloroethane	ND		1.0	0.47	ug/L			11/02/24 15:03	1
1,1-Dichloroethene	ND		1.0	0.49	ug/L			11/02/24 15:03	1
1,2,4-Trichlorobenzene	ND		1.0	0.77	ug/L			11/02/24 15:03	1
1,2-Dibromo-3-Chloropropane	ND		2.0	0.91	ug/L			11/02/24 15:03	1
Ethylene Dibromide	ND		1.0	0.41	ug/L			11/02/24 15:03	1
1,2-Dichlorobenzene	ND		1.0	0.48	ug/L			11/02/24 15:03	1
1,2-Dichloroethane	ND		1.0	0.46	ug/L			11/02/24 15:03	1
1,2-Dichloropropane	ND		1.0	0.47	ug/L			11/02/24 15:03	1
1,3-Dichlorobenzene	ND		1.0	0.45	ug/L			11/02/24 15:03	1
1,4-Dichlorobenzene	ND		1.0	0.41	ug/L			11/02/24 15:03	1
2-Butanone (MEK)	ND		10	1.2	ug/L			11/02/24 15:03	1
2-Hexanone	ND		10	1.1	ug/L			11/02/24 15:03	1
4-Methyl-2-pentanone (MIBK)	ND		10	0.99	ug/L			11/02/24 15:03	1
Acetone	ND		10	5.4	ug/L			11/02/24 15:03	1
Benzene	ND		1.0	0.42	ug/L			11/02/24 15:03	1
Dichlorobromomethane	ND		1.0	0.38	ug/L			11/02/24 15:03	1
Bromoform	ND		1.0	0.76	ug/L			11/02/24 15:03	1
Bromomethane	ND		1.0	0.42	ug/L			11/02/24 15:03	1
Carbon disulfide	ND		1.0	0.59	ug/L			11/02/24 15:03	1
Carbon tetrachloride	ND		1.0	0.26	ug/L			11/02/24 15:03	1
Chlorobenzene	ND		1.0	0.38	ug/L			11/02/24 15:03	1
Chloroethane	ND		1.0	0.83	ug/L			11/02/24 15:03	1
Chloroform	ND		1.0	0.47	ug/L			11/02/24 15:03	1
Chloromethane	ND		1.0	0.63	ug/L			11/02/24 15:03	1
cis-1,2-Dichloroethene	ND		1.0	0.46	ug/L			11/02/24 15:03	1
cis-1,3-Dichloropropene	ND		1.0	0.61	ug/L			11/02/24 15:03	1
Cyclohexane	ND		1.0	0.48	ug/L			11/02/24 15:03	1
Chlorodibromomethane	ND		1.0	0.39	ug/L			11/02/24 15:03	1
Dichlorodifluoromethane	ND		1.0	0.35	ug/L			11/02/24 15:03	1
Ethylbenzene	ND		1.0	0.42	ug/L			11/02/24 15:03	1
Isopropylbenzene	ND		1.0	0.49	ug/L			11/02/24 15:03	1
Methyl acetate	ND		10	1.7	ug/L			11/02/24 15:03	1
Methyl tert-butyl ether	ND		1.0	0.47	ug/L			11/02/24 15:03	1
Methylcyclohexane	ND		1.0	0.33	ug/L			11/02/24 15:03	1
Methylene Chloride	ND		5.0	2.6	ug/L			11/02/24 15:03	1
Styrene	ND		1.0	0.45	ug/L			11/02/24 15:03	1
Tetrachloroethene	ND		1.0	0.44	ug/L			11/02/24 15:03	1
Toluene	ND		1.0	0.44	ug/L			11/02/24 15:03	1
trans-1,2-Dichloroethene	ND		1.0	0.51	ug/L			11/02/24 15:03	1
trans-1,3-Dichloropropene	ND		1.0	0.67	ug/L			11/02/24 15:03	1
Trichloroethene	ND		1.0	0.44	ug/L			11/02/24 15:03	1
Trichlorofluoromethane	ND		1.0	0.45	ug/L			11/02/24 15:03	1
Vinyl chloride	ND		1.0	0.45	ug/L			11/02/24 15:03	1
Xylenes, Total	ND		2.0	0.42	ug/L			11/02/24 15:03	1

Client: August Mack Environmental, Inc.
Project/Site: MSC Canfield

Job ID: 240-213578-1

Client Sample ID: DUP-3
Date Collected: 10/23/24 00:00
Date Received: 10/23/24 16:09

Lab Sample ID: 240-213578-5
Matrix: Water

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Toluene-d8 (Surr)	*100*		*78 - 122*		*11/02/24 15:03*	*1*
Dibromofluoromethane (Surr)	*94*		*73 - 120*		*11/02/24 15:03*	*1*
4-Bromofluorobenzene (Surr)	*95*		*56 - 136*		*11/02/24 15:03*	*1*
1,2-Dichloroethane-d4 (Surr)	*100*		*62 - 137*		*11/02/24 15:03*	*1*

Method: SW846 8270E - Semivolatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1'-Biphenyl	ND		1.4	0.68	ug/L		10/25/24 08:51	11/02/24 16:24	1
bis (2-chloroisopropyl) ether	ND		1.4	0.33	ug/L		10/25/24 08:51	11/02/24 16:24	1
2,4,5-Trichlorophenol	ND		6.9	2.8	ug/L		10/25/24 08:51	11/02/24 16:24	1
2,4,6-Trichlorophenol	ND		6.9	2.5	ug/L		10/25/24 08:51	11/02/24 16:24	1
2,4-Dichlorophenol	ND		2.8	0.36	ug/L		10/25/24 08:51	11/02/24 16:24	1
2,4-Dimethylphenol	ND		2.8	0.35	ug/L		10/25/24 08:51	11/02/24 16:24	1
2,4-Dinitrophenol	ND		14	3.5	ug/L		10/25/24 08:51	11/02/24 16:24	1
2,4-Dinitrotoluene	ND		6.9	2.9	ug/L		10/25/24 08:51	11/02/24 16:24	1
2,6-Dinitrotoluene	ND		6.9	1.5	ug/L		10/25/24 08:51	11/02/24 16:24	1
2-Chloronaphthalene	ND		1.4	0.32	ug/L		10/25/24 08:51	11/02/24 16:24	1
2-Chlorophenol	ND		1.4	0.38	ug/L		10/25/24 08:51	11/02/24 16:24	1
2-Methylnaphthalene	ND		0.28	0.15	ug/L		10/25/24 08:51	11/02/24 16:24	1
2-Methylphenol	ND		1.4	0.29	ug/L		10/25/24 08:51	11/02/24 16:24	1
2-Nitroaniline	ND		2.8	0.71	ug/L		10/25/24 08:51	11/02/24 16:24	1
2-Nitrophenol	ND		2.8	0.78	ug/L		10/25/24 08:51	11/02/24 16:24	1
3,3'-Dichlorobenzidine	ND		6.9	1.6	ug/L		10/25/24 08:51	11/02/24 16:24	1
3-Nitroaniline	ND		2.8	0.79	ug/L		10/25/24 08:51	11/02/24 16:24	1
4,6-Dinitro-2-methylphenol	ND		6.9	3.9	ug/L		10/25/24 08:51	11/02/24 16:24	1
4-Bromophenyl phenyl ether	ND		2.8	0.69	ug/L		10/25/24 08:51	11/02/24 16:24	1
4-Chloro-3-methylphenol	ND		2.8	0.41	ug/L		10/25/24 08:51	11/02/24 16:24	1
4-Chloroaniline	ND		2.8	0.44	ug/L		10/25/24 08:51	11/02/24 16:24	1
4-Chlorophenyl phenyl ether	ND		2.8	0.77	ug/L		10/25/24 08:51	11/02/24 16:24	1
4-Nitroaniline	ND		2.8	0.45	ug/L		10/25/24 08:51	11/02/24 16:24	1
4-Nitrophenol	ND		14	3.0	ug/L		10/25/24 08:51	11/02/24 16:24	1
Acenaphthene	ND		0.28	0.24	ug/L		10/25/24 08:51	11/02/24 16:24	1
Acenaphthylene	ND		0.28	0.17	ug/L		10/25/24 08:51	11/02/24 16:24	1
Acetophenone	ND		1.4	0.51	ug/L		10/25/24 08:51	11/02/24 16:24	1
Anthracene	ND		0.28	0.19	ug/L		10/25/24 08:51	11/02/24 16:24	1
Atrazine	ND		2.8	1.3	ug/L		10/25/24 08:51	11/02/24 16:24	1
Benzaldehyde	ND		2.8	1.1	ug/L		10/25/24 08:51	11/02/24 16:24	1
Benzo[a]anthracene	ND		0.28	0.094	ug/L		10/25/24 08:51	11/02/24 16:24	1
Benzo[a]pyrene	ND		0.28	0.24	ug/L		10/25/24 08:51	11/02/24 16:24	1
Benzo[b]fluoranthene	ND		0.28	0.21	ug/L		10/25/24 08:51	11/02/24 16:24	1
Benzo[g,h,i]perylene	ND		0.28	0.25	ug/L		10/25/24 08:51	11/02/24 16:24	1
Benzo[k]fluoranthene	ND		0.28	0.19	ug/L		10/25/24 08:51	11/02/24 16:24	1
Bis(2-chloroethoxy)methane	ND		1.4	0.30	ug/L		10/25/24 08:51	11/02/24 16:24	1
Bis(2-chloroethyl)ether	ND		1.4	0.56	ug/L		10/25/24 08:51	11/02/24 16:24	1
Bis(2-ethylhexyl) phthalate	ND		6.9	3.1	ug/L		10/25/24 08:51	11/02/24 16:24	1
Butyl benzyl phthalate	ND		2.8	0.93	ug/L		10/25/24 08:51	11/02/24 16:24	1
Caprolactam	ND		6.9	5.3	ug/L		10/25/24 08:51	11/02/24 16:24	1
Carbazole	ND		1.4	0.68	ug/L		10/25/24 08:51	11/02/24 16:24	1
Chrysene	ND		0.28	0.092	ug/L		10/25/24 08:51	11/02/24 16:24	1
Dibenz(a,h)anthracene	ND		0.28	0.21	ug/L		10/25/24 08:51	11/02/24 16:24	1

Client Sample ID: DUP-3
Date Collected: 10/23/24 00:00
Date Received: 10/23/24 16:09

Lab Sample ID: 240-213578-5
Matrix: Water

Method: SW846 8270E - Semivolatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Dibenzofuran	ND		1.4	0.37	ug/L		10/25/24 08:51	11/02/24 16:24	1
Diethyl phthalate	ND		6.9	0.56	ug/L		10/25/24 08:51	11/02/24 16:24	1
Dimethyl phthalate	ND		2.8	0.72	ug/L		10/25/24 08:51	11/02/24 16:24	1
Di-n-butyl phthalate	ND		6.9	2.5	ug/L		10/25/24 08:51	11/02/24 16:24	1
Di-n-octyl phthalate	ND		2.8	1.1	ug/L		10/25/24 08:51	11/02/24 16:24	1
Fluoranthene	ND		0.28	0.22	ug/L		10/25/24 08:51	11/02/24 16:24	1
Fluorene	ND		0.28	0.11	ug/L		10/25/24 08:51	11/02/24 16:24	1
Hexachlorobenzene	ND		0.28	0.22	ug/L		10/25/24 08:51	11/02/24 16:24	1
Hexachlorobutadiene	ND		1.4	0.75	ug/L		10/25/24 08:51	11/02/24 16:24	1
Hexachlorocyclopentadiene	ND		14	2.4	ug/L		10/25/24 08:51	11/02/24 16:24	1
Hexachloroethane	ND		1.4	0.55	ug/L		10/25/24 08:51	11/02/24 16:24	1
Indeno[1,2,3-cd]pyrene	ND		0.28	0.19	ug/L		10/25/24 08:51	11/02/24 16:24	1
Isophorone	ND		1.4	0.45	ug/L		10/25/24 08:51	11/02/24 16:24	1
N-Nitrosodi-n-propylamine	ND		1.4	0.35	ug/L		10/25/24 08:51	11/02/24 16:24	1
N-Nitrosodiphenylamine	ND		1.4	0.61	ug/L		10/25/24 08:51	11/02/24 16:24	1
Naphthalene	ND		0.28	0.15	ug/L		10/25/24 08:51	11/02/24 16:24	1
Nitrobenzene	ND		1.4	0.71	ug/L		10/25/24 08:51	11/02/24 16:24	1
Pentachlorophenol	ND		14	4.3	ug/L		10/25/24 08:51	11/02/24 16:24	1
Phenanthrene	ND		0.28	0.11	ug/L		10/25/24 08:51	11/02/24 16:24	1
Phenol	ND		1.4	0.56	ug/L		10/25/24 08:51	11/02/24 16:24	1
Pyrene	ND		0.28	0.12	ug/L		10/25/24 08:51	11/02/24 16:24	1
3 & 4 Methylphenol	ND		2.8	0.27	ug/L		10/25/24 08:51	11/02/24 16:24	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Terphenyl-d14 (Surr)	*80*		*43 - 136*	*10/25/24 08:51*	*11/02/24 16:24*	*1*
Phenol-d5 (Surr)	*81*		*10 - 120*	*10/25/24 08:51*	*11/02/24 16:24*	*1*
Nitrobenzene-d5 (Surr)	*70*		*40 - 120*	*10/25/24 08:51*	*11/02/24 16:24*	*1*
2-Fluorophenol (Surr)	*79*		*10 - 127*	*10/25/24 08:51*	*11/02/24 16:24*	*1*
2-Fluorobiphenyl (Surr)	*79*		*41 - 120*	*10/25/24 08:51*	*11/02/24 16:24*	*1*
2,4,6-Tribromophenol (Surr)	*108*		*23 - 127*	*10/25/24 08:51*	*11/02/24 16:24*	*1*

Method: SW846 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aroclor-1016	ND		0.15	0.084	ug/L		10/25/24 08:42	10/28/24 19:02	1
Aroclor-1221	ND		0.15	0.085	ug/L		10/25/24 08:42	10/28/24 19:02	1
Aroclor-1232	ND		0.15	0.11	ug/L		10/25/24 08:42	10/28/24 19:02	1
Aroclor-1242	ND		0.15	0.11	ug/L		10/25/24 08:42	10/28/24 19:02	1
Aroclor-1248	ND		0.15	0.075	ug/L		10/25/24 08:42	10/28/24 19:02	1
Aroclor-1254	ND		0.15	0.060	ug/L		10/25/24 08:42	10/28/24 19:02	1
Aroclor-1260	ND		0.15	0.069	ug/L		10/25/24 08:42	10/28/24 19:02	1
Aroclor-1262	ND		0.15	0.087	ug/L		10/25/24 08:42	10/28/24 19:02	1
Aroclor-1268	ND		0.15	0.093	ug/L		10/25/24 08:42	10/28/24 19:02	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Tetrachloro-m-xylene	*72*		*10 - 149*	*10/25/24 08:42*	*10/28/24 19:02*	*1*
DCB Decachlorobiphenyl	*28*		*10 - 174*	*10/25/24 08:42*	*10/28/24 19:02*	*1*

Method: SW846 6010D - Metals (ICP) - Total Recoverable

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	**2200**		75	20	ug/L		10/25/24 14:00	10/28/24 21:30	5

Client: August Mack Environmental, Inc.
Project/Site: MSC Canfield

Job ID: 240-213578-1

Client Sample ID: DUP-3

Date Collected: 10/23/24 00:00
Date Received: 10/23/24 16:09

Lab Sample ID: 240-213578-5

Matrix: Water

Method: SW846 6010D - Metals (ICP) - Total Recoverable (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Barium	810		200	1.3	ug/L		10/25/24 14:00	10/28/24 21:25	1
Cadmium	9.4	J	50	4.5	ug/L		10/25/24 14:00	10/30/24 14:17	10
Chromium	1500		100	7.6	ug/L		10/25/24 14:00	10/30/24 14:17	10
Copper	2300		250	35	ug/L		10/25/24 14:00	10/30/24 14:17	10
Lead	1000		100	28	ug/L		10/25/24 14:00	10/30/24 14:17	10
Selenium	69	J	100	30	ug/L		10/25/24 14:00	10/28/24 21:30	5
Silver	ND		100	14	ug/L		10/25/24 14:00	10/30/24 14:17	10
Zinc	8100		50	23	ug/L		10/25/24 14:00	10/28/24 21:25	1

Method: SW846 6010D - Metals (ICP) - Dissolved

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	49		15	4.1	ug/L		10/24/24 14:00	10/25/24 16:50	1
Barium	82	J	200	1.3	ug/L		10/24/24 14:00	10/25/24 16:50	1
Cadmium	0.64	J	5.0	0.45	ug/L		10/24/24 14:00	10/25/24 16:50	1
Chromium	27		10	0.76	ug/L		10/24/24 14:00	10/25/24 16:50	1
Copper	39		25	3.5	ug/L		10/24/24 14:00	10/25/24 16:50	1
Lead	27		10	2.8	ug/L		10/24/24 14:00	10/25/24 16:50	1
Selenium	ND		20	6.0	ug/L		10/24/24 14:00	10/25/24 16:50	1
Silver	ND		10	1.4	ug/L		10/24/24 14:00	10/25/24 16:50	1
Zinc	130		50	23	ug/L		10/24/24 14:00	10/25/24 16:50	1

Method: SW846 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.79		0.20	0.13	ug/L		10/25/24 14:00	10/29/24 08:07	1

Method: SW846 7470A - Mercury (CVAA) - Dissolved

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	ND		0.20	0.13	ug/L		10/24/24 14:00	10/25/24 13:44	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chromium, hexavalent (SW846 7196A)	ND		0.20	0.070	mg/L			10/23/24 16:59	10
Cyanide, Total (SW846 9012B)	ND		0.010	0.0060	mg/L		10/30/24 08:38	10/30/24 10:30	1
Cyanide, Free (OI CORP OIA-1677)	0.0060		0.0060	0.0050	mg/L			11/04/24 14:39	1

General Chemistry - Dissolved

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chromium, hexavalent (SW846 7196A)	ND		0.020	0.0070	mg/L			10/23/24 16:59	1

Client: August Mack Environmental, Inc.
Project/Site: MSC Canfield

Job ID: 240-213578-1

Client Sample ID: SB-6-GW-18-28
Date Collected: 10/23/24 14:40
Date Received: 10/23/24 16:09

Lab Sample ID: 240-213578-6
Matrix: Water

Method: SW846 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		1.0	0.48	ug/L			11/02/24 15:26	1
1,1,2,2-Tetrachloroethane	ND		1.0	0.60	ug/L			11/02/24 15:26	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		1.0	0.41	ug/L			11/02/24 15:26	1
1,1,2-Trichloroethane	ND		1.0	0.48	ug/L			11/02/24 15:26	1
1,1-Dichloroethane	ND		1.0	0.47	ug/L			11/02/24 15:26	1
1,1-Dichloroethene	ND		1.0	0.49	ug/L			11/02/24 15:26	1
1,2,4-Trichlorobenzene	ND		1.0	0.77	ug/L			11/02/24 15:26	1
1,2-Dibromo-3-Chloropropane	ND		2.0	0.91	ug/L			11/02/24 15:26	1
Ethylene Dibromide	ND		1.0	0.41	ug/L			11/02/24 15:26	1
1,2-Dichlorobenzene	ND		1.0	0.48	ug/L			11/02/24 15:26	1
1,2-Dichloroethane	ND		1.0	0.46	ug/L			11/02/24 15:26	1
1,2-Dichloropropane	ND		1.0	0.47	ug/L			11/02/24 15:26	1
1,3-Dichlorobenzene	ND		1.0	0.45	ug/L			11/02/24 15:26	1
1,4-Dichlorobenzene	ND		1.0	0.41	ug/L			11/02/24 15:26	1
2-Butanone (MEK)	ND		10	1.2	ug/L			11/02/24 15:26	1
2-Hexanone	ND		10	1.1	ug/L			11/02/24 15:26	1
4-Methyl-2-pentanone (MIBK)	ND		10	0.99	ug/L			11/02/24 15:26	1
Acetone	ND		10	5.4	ug/L			11/02/24 15:26	1
Benzene	ND		1.0	0.42	ug/L			11/02/24 15:26	1
Dichlorobromomethane	ND		1.0	0.38	ug/L			11/02/24 15:26	1
Bromoform	ND		1.0	0.76	ug/L			11/02/24 15:26	1
Bromomethane	ND		1.0	0.42	ug/L			11/02/24 15:26	1
Carbon disulfide	ND		1.0	0.59	ug/L			11/02/24 15:26	1
Carbon tetrachloride	ND		1.0	0.26	ug/L			11/02/24 15:26	1
Chlorobenzene	ND		1.0	0.38	ug/L			11/02/24 15:26	1
Chloroethane	ND		1.0	0.83	ug/L			11/02/24 15:26	1
Chloroform	ND		1.0	0.47	ug/L			11/02/24 15:26	1
Chloromethane	ND		1.0	0.63	ug/L			11/02/24 15:26	1
cis-1,2-Dichloroethene	ND		1.0	0.46	ug/L			11/02/24 15:26	1
cis-1,3-Dichloropropene	ND		1.0	0.61	ug/L			11/02/24 15:26	1
Cyclohexane	ND		1.0	0.48	ug/L			11/02/24 15:26	1
Chlorodibromomethane	ND		1.0	0.39	ug/L			11/02/24 15:26	1
Dichlorodifluoromethane	ND		1.0	0.35	ug/L			11/02/24 15:26	1
Ethylbenzene	ND		1.0	0.42	ug/L			11/02/24 15:26	1
Isopropylbenzene	ND		1.0	0.49	ug/L			11/02/24 15:26	1
Methyl acetate	ND		10	1.7	ug/L			11/02/24 15:26	1
Methyl tert-butyl ether	ND		1.0	0.47	ug/L			11/02/24 15:26	1
Methylcyclohexane	ND		1.0	0.33	ug/L			11/02/24 15:26	1
Methylene Chloride	ND		5.0	2.6	ug/L			11/02/24 15:26	1
Styrene	ND		1.0	0.45	ug/L			11/02/24 15:26	1
Tetrachloroethene	ND		1.0	0.44	ug/L			11/02/24 15:26	1
Toluene	ND		1.0	0.44	ug/L			11/02/24 15:26	1
trans-1,2-Dichloroethene	ND		1.0	0.51	ug/L			11/02/24 15:26	1
trans-1,3-Dichloropropene	ND		1.0	0.67	ug/L			11/02/24 15:26	1
Trichloroethene	ND		1.0	0.44	ug/L			11/02/24 15:26	1
Trichlorofluoromethane	ND		1.0	0.45	ug/L			11/02/24 15:26	1
Vinyl chloride	ND		1.0	0.45	ug/L			11/02/24 15:26	1
Xylenes, Total	ND		2.0	0.42	ug/L			11/02/24 15:26	1

Client Sample ID: SB-6-GW-18-28
Date Collected: 10/23/24 14:40
Date Received: 10/23/24 16:09

Lab Sample ID: 240-213578-6
Matrix: Water

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Toluene-d8 (Surr)	*98*		*78 - 122*		*11/02/24 15:26*	*1*
Dibromofluoromethane (Surr)	*99*		*73 - 120*		*11/02/24 15:26*	*1*
4-Bromofluorobenzene (Surr)	*95*		*56 - 136*		*11/02/24 15:26*	*1*
1,2-Dichloroethane-d4 (Surr)	*102*		*62 - 137*		*11/02/24 15:26*	*1*

Method: SW846 8270E - Semivolatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1'-Biphenyl	ND		1.3	0.65	ug/L		10/25/24 08:51	11/02/24 16:47	1
bis (2-chloroisopropyl) ether	ND		1.3	0.31	ug/L		10/25/24 08:51	11/02/24 16:47	1
2,4,5-Trichlorophenol	ND		6.6	2.6	ug/L		10/25/24 08:51	11/02/24 16:47	1
2,4,6-Trichlorophenol	ND		6.6	2.4	ug/L		10/25/24 08:51	11/02/24 16:47	1
2,4-Dichlorophenol	ND		2.6	0.34	ug/L		10/25/24 08:51	11/02/24 16:47	1
2,4-Dimethylphenol	ND		2.6	0.33	ug/L		10/25/24 08:51	11/02/24 16:47	1
2,4-Dinitrophenol	ND		13	3.4	ug/L		10/25/24 08:51	11/02/24 16:47	1
2,4-Dinitrotoluene	ND		6.6	2.7	ug/L		10/25/24 08:51	11/02/24 16:47	1
2,6-Dinitrotoluene	ND		6.6	1.4	ug/L		10/25/24 08:51	11/02/24 16:47	1
2-Chloronaphthalene	ND		1.3	0.31	ug/L		10/25/24 08:51	11/02/24 16:47	1
2-Chlorophenol	ND		1.3	0.36	ug/L		10/25/24 08:51	11/02/24 16:47	1
2-Methylnaphthalene	ND		0.26	0.15	ug/L		10/25/24 08:51	11/02/24 16:47	1
2-Methylphenol	ND		1.3	0.28	ug/L		10/25/24 08:51	11/02/24 16:47	1
2-Nitroaniline	ND		2.6	0.67	ug/L		10/25/24 08:51	11/02/24 16:47	1
2-Nitrophenol	ND		2.6	0.74	ug/L		10/25/24 08:51	11/02/24 16:47	1
3,3'-Dichlorobenzidine	ND		6.6	1.5	ug/L		10/25/24 08:51	11/02/24 16:47	1
3-Nitroaniline	ND		2.6	0.74	ug/L		10/25/24 08:51	11/02/24 16:47	1
4,6-Dinitro-2-methylphenol	ND		6.6	3.7	ug/L		10/25/24 08:51	11/02/24 16:47	1
4-Bromophenyl phenyl ether	ND		2.6	0.66	ug/L		10/25/24 08:51	11/02/24 16:47	1
4-Chloro-3-methylphenol	ND		2.6	0.39	ug/L		10/25/24 08:51	11/02/24 16:47	1
4-Chloroaniline	ND		2.6	0.42	ug/L		10/25/24 08:51	11/02/24 16:47	1
4-Chlorophenyl phenyl ether	ND		2.6	0.73	ug/L		10/25/24 08:51	11/02/24 16:47	1
4-Nitroaniline	ND		2.6	0.43	ug/L		10/25/24 08:51	11/02/24 16:47	1
4-Nitrophenol	ND		13	2.9	ug/L		10/25/24 08:51	11/02/24 16:47	1
Acenaphthene	ND		0.26	0.23	ug/L		10/25/24 08:51	11/02/24 16:47	1
Acenaphthylene	ND		0.26	0.16	ug/L		10/25/24 08:51	11/02/24 16:47	1
Acetophenone	ND		1.3	0.48	ug/L		10/25/24 08:51	11/02/24 16:47	1
Anthracene	ND		0.26	0.18	ug/L		10/25/24 08:51	11/02/24 16:47	1
Atrazine	ND		2.6	1.3	ug/L		10/25/24 08:51	11/02/24 16:47	1
Benzaldehyde	ND		2.6	1.0	ug/L		10/25/24 08:51	11/02/24 16:47	1
Benzo[a]anthracene	ND		0.26	0.089	ug/L		10/25/24 08:51	11/02/24 16:47	1
Benzo[a]pyrene	ND		0.26	0.23	ug/L		10/25/24 08:51	11/02/24 16:47	1
Benzo[b]fluoranthene	ND		0.26	0.20	ug/L		10/25/24 08:51	11/02/24 16:47	1
Benzo[g,h,i]perylene	ND		0.26	0.23	ug/L		10/25/24 08:51	11/02/24 16:47	1
Benzo[k]fluoranthene	ND		0.26	0.18	ug/L		10/25/24 08:51	11/02/24 16:47	1
Bis(2-chloroethoxy)methane	ND		1.3	0.29	ug/L		10/25/24 08:51	11/02/24 16:47	1
Bis(2-chloroethyl)ether	ND		1.3	0.53	ug/L		10/25/24 08:51	11/02/24 16:47	1
Bis(2-ethylhexyl) phthalate	**8.8**		6.6	2.9	ug/L		10/25/24 08:51	11/02/24 16:47	1
Butyl benzyl phthalate	ND		2.6	0.88	ug/L		10/25/24 08:51	11/02/24 16:47	1
Caprolactam	ND		6.6	5.0	ug/L		10/25/24 08:51	11/02/24 16:47	1
Carbazole	ND		1.3	0.64	ug/L		10/25/24 08:51	11/02/24 16:47	1
Chrysene	ND		0.26	0.087	ug/L		10/25/24 08:51	11/02/24 16:47	1
Dibenz(a,h)anthracene	ND		0.26	0.20	ug/L		10/25/24 08:51	11/02/24 16:47	1

Client Sample ID: SB-6-GW-18-28
Date Collected: 10/23/24 14:40
Date Received: 10/23/24 16:09

Lab Sample ID: 240-213578-6
Matrix: Water

Method: SW846 8270E - Semivolatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Dibenzofuran	ND		1.3	0.35	ug/L		10/25/24 08:51	11/02/24 16:47	1
Diethyl phthalate	ND		6.6	0.53	ug/L		10/25/24 08:51	11/02/24 16:47	1
Dimethyl phthalate	ND		2.6	0.68	ug/L		10/25/24 08:51	11/02/24 16:47	1
Di-n-butyl phthalate	ND		6.6	2.4	ug/L		10/25/24 08:51	11/02/24 16:47	1
Di-n-octyl phthalate	ND		2.6	1.1	ug/L		10/25/24 08:51	11/02/24 16:47	1
Fluoranthene	ND		0.26	0.21	ug/L		10/25/24 08:51	11/02/24 16:47	1
Fluorene	ND		0.26	0.10	ug/L		10/25/24 08:51	11/02/24 16:47	1
Hexachlorobenzene	ND		0.26	0.21	ug/L		10/25/24 08:51	11/02/24 16:47	1
Hexachlorobutadiene	ND		1.3	0.71	ug/L		10/25/24 08:51	11/02/24 16:47	1
Hexachlorocyclopentadiene	ND		13	2.3	ug/L		10/25/24 08:51	11/02/24 16:47	1
Hexachloroethane	ND		1.3	0.52	ug/L		10/25/24 08:51	11/02/24 16:47	1
Indeno[1,2,3-cd]pyrene	ND		0.26	0.18	ug/L		10/25/24 08:51	11/02/24 16:47	1
Isophorone	ND		1.3	0.43	ug/L		10/25/24 08:51	11/02/24 16:47	1
N-Nitrosodi-n-propylamine	ND		1.3	0.33	ug/L		10/25/24 08:51	11/02/24 16:47	1
N-Nitrosodiphenylamine	ND		1.3	0.58	ug/L		10/25/24 08:51	11/02/24 16:47	1
Naphthalene	ND		0.26	0.14	ug/L		10/25/24 08:51	11/02/24 16:47	1
Nitrobenzene	ND		1.3	0.68	ug/L		10/25/24 08:51	11/02/24 16:47	1
Pentachlorophenol	ND		13	4.1	ug/L		10/25/24 08:51	11/02/24 16:47	1
Phenanthrene	ND		0.26	0.11	ug/L		10/25/24 08:51	11/02/24 16:47	1
Phenol	ND		1.3	0.53	ug/L		10/25/24 08:51	11/02/24 16:47	1
Pyrene	ND		0.26	0.11	ug/L		10/25/24 08:51	11/02/24 16:47	1
3 & 4 Methylphenol	ND		2.6	0.25	ug/L		10/25/24 08:51	11/02/24 16:47	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Terphenyl-d14 (Surr)	*65*		*43 - 136*	*10/25/24 08:51*	*11/02/24 16:47*	*1*
Phenol-d5 (Surr)	*59*		*10 - 120*	*10/25/24 08:51*	*11/02/24 16:47*	*1*
Nitrobenzene-d5 (Surr)	*55*		*40 - 120*	*10/25/24 08:51*	*11/02/24 16:47*	*1*
2-Fluorophenol (Surr)	*51*		*10 - 127*	*10/25/24 08:51*	*11/02/24 16:47*	*1*
2-Fluorobiphenyl (Surr)	*62*		*41 - 120*	*10/25/24 08:51*	*11/02/24 16:47*	*1*
2,4,6-Tribromophenol (Surr)	*84*		*23 - 127*	*10/25/24 08:51*	*11/02/24 16:47*	*1*

Method: SW846 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aroclor-1016	ND		0.14	0.081	ug/L		10/25/24 08:42	10/28/24 19:14	1
Aroclor-1221	ND		0.14	0.083	ug/L		10/25/24 08:42	10/28/24 19:14	1
Aroclor-1232	ND		0.14	0.11	ug/L		10/25/24 08:42	10/28/24 19:14	1
Aroclor-1242	ND		0.14	0.11	ug/L		10/25/24 08:42	10/28/24 19:14	1
Aroclor-1248	ND		0.14	0.072	ug/L		10/25/24 08:42	10/28/24 19:14	1
Aroclor-1254	ND		0.14	0.058	ug/L		10/25/24 08:42	10/28/24 19:14	1
Aroclor-1260	ND		0.14	0.067	ug/L		10/25/24 08:42	10/28/24 19:14	1
Aroclor-1262	ND		0.14	0.084	ug/L		10/25/24 08:42	10/28/24 19:14	1
Aroclor-1268	ND		0.14	0.090	ug/L		10/25/24 08:42	10/28/24 19:14	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Tetrachloro-m-xylene	*79*		*10 - 149*	*10/25/24 08:42*	*10/28/24 19:14*	*1*
DCB Decachlorobiphenyl	*25*		*10 - 174*	*10/25/24 08:42*	*10/28/24 19:14*	*1*

Method: SW846 6010D - Metals (ICP) - Total Recoverable

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	**6600**		150	41	ug/L		10/29/24 06:00	10/31/24 13:08	1

Client: August Mack Environmental, Inc.
Project/Site: MSC Canfield

Job ID: 240-213578-1

Client Sample ID: SB-6-GW-18-28

Date Collected: 10/23/24 14:40
Date Received: 10/23/24 16:09

Lab Sample ID: 240-213578-6

Matrix: Water

Method: SW846 6010D - Metals (ICP) - Total Recoverable (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Barium	**8000**		2000	13	ug/L		10/29/24 06:00	10/31/24 13:08	1
Cadmium	**34**	**J**	250	23	ug/L		10/29/24 06:00	10/30/24 23:28	5
Chromium	**4500**		100	7.6	ug/L		10/29/24 06:00	10/31/24 13:08	1
Copper	**7800**		1300	180	ug/L		10/29/24 06:00	10/30/24 23:28	5
Lead	**3800**		500	140	ug/L		10/29/24 06:00	10/30/24 23:28	5
Selenium	**110**	**J**	200	60	ug/L		10/29/24 06:00	10/31/24 13:08	1
Silver	ND		100	14	ug/L		10/29/24 06:00	10/31/24 13:08	1
Zinc	**25000**		500	230	ug/L		10/29/24 06:00	10/31/24 13:08	1

Method: SW846 6010D - Metals (ICP) - Dissolved

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	**19**		15	4.1	ug/L		10/24/24 14:00	10/25/24 16:55	1
Barium	**36**	**J**	200	1.3	ug/L		10/24/24 14:00	10/25/24 16:55	1
Cadmium	ND		5.0	0.45	ug/L		10/24/24 14:00	10/25/24 16:55	1
Chromium	**0.79**	**J**	10	0.76	ug/L		10/24/24 14:00	10/25/24 16:55	1
Copper	ND		25	3.5	ug/L		10/24/24 14:00	10/25/24 16:55	1
Lead	ND		10	2.8	ug/L		10/24/24 14:00	10/25/24 16:55	1
Selenium	ND		20	6.0	ug/L		10/24/24 14:00	10/25/24 16:55	1
Silver	ND		10	1.4	ug/L		10/24/24 14:00	10/25/24 16:55	1
Zinc	ND		50	23	ug/L		10/24/24 14:00	10/25/24 16:55	1

Method: SW846 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	**2.2**		0.20	0.13	ug/L		10/25/24 14:00	10/29/24 08:09	1

Method: SW846 7470A - Mercury (CVAA) - Dissolved

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	ND		0.20	0.13	ug/L		10/24/24 14:00	10/25/24 13:45	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chromium, hexavalent (SW846 7196A)	ND		0.20	0.070	mg/L			10/23/24 16:59	10
Cyanide, Total (SW846 9012B)	ND		0.010	0.0060	mg/L		10/30/24 08:38	10/30/24 10:36	1
Cyanide, Free (OI CORP OIA-1677)	**0.0060**		0.0060	0.0050	mg/L			11/04/24 14:37	1

General Chemistry - Dissolved

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chromium, hexavalent (SW846 7196A)	ND		0.020	0.0070	mg/L			10/23/24 16:59	1

Client: August Mack Environmental, Inc.
Project/Site: MSC Canfield

Job ID: 240-213578-1

Client Sample ID: TB-1-20241023
Date Collected: 10/23/24 00:00
Date Received: 10/23/24 16:09

Lab Sample ID: 240-213578-7
Matrix: Water

Method: SW846 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		1.0	0.48	ug/L			11/02/24 15:50	1
1,1,2,2-Tetrachloroethane	ND		1.0	0.60	ug/L			11/02/24 15:50	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		1.0	0.41	ug/L			11/02/24 15:50	1
1,1,2-Trichloroethane	ND		1.0	0.48	ug/L			11/02/24 15:50	1
1,1-Dichloroethane	ND		1.0	0.47	ug/L			11/02/24 15:50	1
1,1-Dichloroethene	ND		1.0	0.49	ug/L			11/02/24 15:50	1
1,2,4-Trichlorobenzene	ND		1.0	0.77	ug/L			11/02/24 15:50	1
1,2-Dibromo-3-Chloropropane	ND		2.0	0.91	ug/L			11/02/24 15:50	1
Ethylene Dibromide	ND		1.0	0.41	ug/L			11/02/24 15:50	1
1,2-Dichlorobenzene	ND		1.0	0.48	ug/L			11/02/24 15:50	1
1,2-Dichloroethane	ND		1.0	0.46	ug/L			11/02/24 15:50	1
1,2-Dichloropropane	ND		1.0	0.47	ug/L			11/02/24 15:50	1
1,3-Dichlorobenzene	ND		1.0	0.45	ug/L			11/02/24 15:50	1
1,4-Dichlorobenzene	ND		1.0	0.41	ug/L			11/02/24 15:50	1
2-Butanone (MEK)	ND		10	1.2	ug/L			11/02/24 15:50	1
2-Hexanone	ND		10	1.1	ug/L			11/02/24 15:50	1
4-Methyl-2-pentanone (MIBK)	ND		10	0.99	ug/L			11/02/24 15:50	1
Acetone	ND		10	5.4	ug/L			11/02/24 15:50	1
Benzene	ND		1.0	0.42	ug/L			11/02/24 15:50	1
Dichlorobromomethane	ND		1.0	0.38	ug/L			11/02/24 15:50	1
Bromoform	ND		1.0	0.76	ug/L			11/02/24 15:50	1
Bromomethane	ND		1.0	0.42	ug/L			11/02/24 15:50	1
Carbon disulfide	ND		1.0	0.59	ug/L			11/02/24 15:50	1
Carbon tetrachloride	ND		1.0	0.26	ug/L			11/02/24 15:50	1
Chlorobenzene	ND		1.0	0.38	ug/L			11/02/24 15:50	1
Chloroethane	ND		1.0	0.83	ug/L			11/02/24 15:50	1
Chloroform	ND		1.0	0.47	ug/L			11/02/24 15:50	1
Chloromethane	ND		1.0	0.63	ug/L			11/02/24 15:50	1
cis-1,2-Dichloroethene	ND		1.0	0.46	ug/L			11/02/24 15:50	1
cis-1,3-Dichloropropene	ND		1.0	0.61	ug/L			11/02/24 15:50	1
Cyclohexane	ND		1.0	0.48	ug/L			11/02/24 15:50	1
Chlorodibromomethane	ND		1.0	0.39	ug/L			11/02/24 15:50	1
Dichlorodifluoromethane	ND		1.0	0.35	ug/L			11/02/24 15:50	1
Ethylbenzene	ND		1.0	0.42	ug/L			11/02/24 15:50	1
Isopropylbenzene	ND		1.0	0.49	ug/L			11/02/24 15:50	1
Methyl acetate	ND		10	1.7	ug/L			11/02/24 15:50	1
Methyl tert-butyl ether	ND		1.0	0.47	ug/L			11/02/24 15:50	1
Methylcyclohexane	ND		1.0	0.33	ug/L			11/02/24 15:50	1
Methylene Chloride	ND		5.0	2.6	ug/L			11/02/24 15:50	1
Styrene	ND		1.0	0.45	ug/L			11/02/24 15:50	1
Tetrachloroethene	ND		1.0	0.44	ug/L			11/02/24 15:50	1
Toluene	ND		1.0	0.44	ug/L			11/02/24 15:50	1
trans-1,2-Dichloroethene	ND		1.0	0.51	ug/L			11/02/24 15:50	1
trans-1,3-Dichloropropene	ND		1.0	0.67	ug/L			11/02/24 15:50	1
Trichloroethene	ND		1.0	0.44	ug/L			11/02/24 15:50	1
Trichlorofluoromethane	ND		1.0	0.45	ug/L			11/02/24 15:50	1
Vinyl chloride	ND		1.0	0.45	ug/L			11/02/24 15:50	1
Xylenes, Total	ND		2.0	0.42	ug/L			11/02/24 15:50	1

Client: August Mack Environmental, Inc.
Project/Site: MSC Canfield

Job ID: 240-213578-1

Client Sample ID: TB-1-20241023
Date Collected: 10/23/24 00:00
Date Received: 10/23/24 16:09

Lab Sample ID: 240-213578-7
Matrix: Water

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
Toluene-d8 (Surr)	95		78 - 122		11/02/24 15:50	1
Dibromofluoromethane (Surr)	98		73 - 120		11/02/24 15:50	1
4-Bromofluorobenzene (Surr)	93		56 - 136		11/02/24 15:50	1
1,2-Dichloroethane-d4 (Surr)	99		62 - 137		11/02/24 15:50	1

Client: August Mack Environmental, Inc.
Project/Site: MSC Canfield

Job ID: 240-213578-1

Client Sample ID: TB-2-20241023
Date Collected: 10/23/24 00:00
Date Received: 10/23/24 16:09

Lab Sample ID: 240-213578-8
Matrix: Water

Method: SW846 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		1.0	0.48	ug/L			11/02/24 16:14	1
1,1,2,2-Tetrachloroethane	ND		1.0	0.60	ug/L			11/02/24 16:14	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		1.0	0.41	ug/L			11/02/24 16:14	1
1,1,2-Trichloroethane	ND		1.0	0.48	ug/L			11/02/24 16:14	1
1,1-Dichloroethane	ND		1.0	0.47	ug/L			11/02/24 16:14	1
1,1-Dichloroethene	ND		1.0	0.49	ug/L			11/02/24 16:14	1
1,2,4-Trichlorobenzene	ND		1.0	0.77	ug/L			11/02/24 16:14	1
1,2-Dibromo-3-Chloropropane	ND		2.0	0.91	ug/L			11/02/24 16:14	1
Ethylene Dibromide	ND		1.0	0.41	ug/L			11/02/24 16:14	1
1,2-Dichlorobenzene	ND		1.0	0.48	ug/L			11/02/24 16:14	1
1,2-Dichloroethane	ND		1.0	0.46	ug/L			11/02/24 16:14	1
1,2-Dichloropropane	ND		1.0	0.47	ug/L			11/02/24 16:14	1
1,3-Dichlorobenzene	ND		1.0	0.45	ug/L			11/02/24 16:14	1
1,4-Dichlorobenzene	ND		1.0	0.41	ug/L			11/02/24 16:14	1
2-Butanone (MEK)	ND		10	1.2	ug/L			11/02/24 16:14	1
2-Hexanone	ND		10	1.1	ug/L			11/02/24 16:14	1
4-Methyl-2-pentanone (MIBK)	ND		10	0.99	ug/L			11/02/24 16:14	1
Acetone	ND		10	5.4	ug/L			11/02/24 16:14	1
Benzene	ND		1.0	0.42	ug/L			11/02/24 16:14	1
Dichlorobromomethane	ND		1.0	0.38	ug/L			11/02/24 16:14	1
Bromoform	ND		1.0	0.76	ug/L			11/02/24 16:14	1
Bromomethane	ND		1.0	0.42	ug/L			11/02/24 16:14	1
Carbon disulfide	ND		1.0	0.59	ug/L			11/02/24 16:14	1
Carbon tetrachloride	ND		1.0	0.26	ug/L			11/02/24 16:14	1
Chlorobenzene	ND		1.0	0.38	ug/L			11/02/24 16:14	1
Chloroethane	ND		1.0	0.83	ug/L			11/02/24 16:14	1
Chloroform	ND		1.0	0.47	ug/L			11/02/24 16:14	1
Chloromethane	ND		1.0	0.63	ug/L			11/02/24 16:14	1
cis-1,2-Dichloroethene	ND		1.0	0.46	ug/L			11/02/24 16:14	1
cis-1,3-Dichloropropene	ND		1.0	0.61	ug/L			11/02/24 16:14	1
Cyclohexane	ND		1.0	0.48	ug/L			11/02/24 16:14	1
Chlorodibromomethane	ND		1.0	0.39	ug/L			11/02/24 16:14	1
Dichlorodifluoromethane	ND		1.0	0.35	ug/L			11/02/24 16:14	1
Ethylbenzene	ND		1.0	0.42	ug/L			11/02/24 16:14	1
Isopropylbenzene	ND		1.0	0.49	ug/L			11/02/24 16:14	1
Methyl acetate	ND		10	1.7	ug/L			11/02/24 16:14	1
Methyl tert-butyl ether	ND		1.0	0.47	ug/L			11/02/24 16:14	1
Methylcyclohexane	ND		1.0	0.33	ug/L			11/02/24 16:14	1
Methylene Chloride	ND		5.0	2.6	ug/L			11/02/24 16:14	1
Styrene	ND		1.0	0.45	ug/L			11/02/24 16:14	1
Tetrachloroethene	ND		1.0	0.44	ug/L			11/02/24 16:14	1
Toluene	ND		1.0	0.44	ug/L			11/02/24 16:14	1
trans-1,2-Dichloroethene	ND		1.0	0.51	ug/L			11/02/24 16:14	1
trans-1,3-Dichloropropene	ND		1.0	0.67	ug/L			11/02/24 16:14	1
Trichloroethene	ND		1.0	0.44	ug/L			11/02/24 16:14	1
Trichlorofluoromethane	ND		1.0	0.45	ug/L			11/02/24 16:14	1
Vinyl chloride	ND		1.0	0.45	ug/L			11/02/24 16:14	1
Xylenes, Total	ND		2.0	0.42	ug/L			11/02/24 16:14	1

Client: August Mack Environmental, Inc.
Project/Site: MSC Canfield

Job ID: 240-213578-1

Client Sample ID: TB-2-20241023
Date Collected: 10/23/24 00:00
Date Received: 10/23/24 16:09

Lab Sample ID: 240-213578-8
Matrix: Water

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
Toluene-d8 (Surr)	101		78 - 122		11/02/24 16:14	1
Dibromofluoromethane (Surr)	100		73 - 120		11/02/24 16:14	1
4-Bromofluorobenzene (Surr)	94		56 - 136		11/02/24 16:14	1
1,2-Dichloroethane-d4 (Surr)	108		62 - 137		11/02/24 16:14	1

Client: August Mack Environmental, Inc.
Project/Site: MSC Canfield

Job ID: 240-213578-1

Client Sample ID: TB-3-20241023
Date Collected: 10/23/24 00:00
Date Received: 10/23/24 16:09

Lab Sample ID: 240-213578-9
Matrix: Water

Method: SW846 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		1.0	0.48	ug/L			11/02/24 16:38	1
1,1,2,2-Tetrachloroethane	ND		1.0	0.60	ug/L			11/02/24 16:38	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		1.0	0.41	ug/L			11/02/24 16:38	1
1,1,2-Trichloroethane	ND		1.0	0.48	ug/L			11/02/24 16:38	1
1,1-Dichloroethane	ND		1.0	0.47	ug/L			11/02/24 16:38	1
1,1-Dichloroethene	ND		1.0	0.49	ug/L			11/02/24 16:38	1
1,2,4-Trichlorobenzene	ND		1.0	0.77	ug/L			11/02/24 16:38	1
1,2-Dibromo-3-Chloropropane	ND		2.0	0.91	ug/L			11/02/24 16:38	1
Ethylene Dibromide	ND		1.0	0.41	ug/L			11/02/24 16:38	1
1,2-Dichlorobenzene	ND		1.0	0.48	ug/L			11/02/24 16:38	1
1,2-Dichloroethane	ND		1.0	0.46	ug/L			11/02/24 16:38	1
1,2-Dichloropropane	ND		1.0	0.47	ug/L			11/02/24 16:38	1
1,3-Dichlorobenzene	ND		1.0	0.45	ug/L			11/02/24 16:38	1
1,4-Dichlorobenzene	ND		1.0	0.41	ug/L			11/02/24 16:38	1
2-Butanone (MEK)	ND		10	1.2	ug/L			11/02/24 16:38	1
2-Hexanone	ND		10	1.1	ug/L			11/02/24 16:38	1
4-Methyl-2-pentanone (MIBK)	ND		10	0.99	ug/L			11/02/24 16:38	1
Acetone	ND		10	5.4	ug/L			11/02/24 16:38	1
Benzene	ND		1.0	0.42	ug/L			11/02/24 16:38	1
Dichlorobromomethane	ND		1.0	0.38	ug/L			11/02/24 16:38	1
Bromoform	ND		1.0	0.76	ug/L			11/02/24 16:38	1
Bromomethane	ND		1.0	0.42	ug/L			11/02/24 16:38	1
Carbon disulfide	ND		1.0	0.59	ug/L			11/02/24 16:38	1
Carbon tetrachloride	ND		1.0	0.26	ug/L			11/02/24 16:38	1
Chlorobenzene	ND		1.0	0.38	ug/L			11/02/24 16:38	1
Chloroethane	ND		1.0	0.83	ug/L			11/02/24 16:38	1
Chloroform	ND		1.0	0.47	ug/L			11/02/24 16:38	1
Chloromethane	ND		1.0	0.63	ug/L			11/02/24 16:38	1
cis-1,2-Dichloroethene	ND		1.0	0.46	ug/L			11/02/24 16:38	1
cis-1,3-Dichloropropene	ND		1.0	0.61	ug/L			11/02/24 16:38	1
Cyclohexane	ND		1.0	0.48	ug/L			11/02/24 16:38	1
Chlorodibromomethane	ND		1.0	0.39	ug/L			11/02/24 16:38	1
Dichlorodifluoromethane	ND		1.0	0.35	ug/L			11/02/24 16:38	1
Ethylbenzene	ND		1.0	0.42	ug/L			11/02/24 16:38	1
Isopropylbenzene	ND		1.0	0.49	ug/L			11/02/24 16:38	1
Methyl acetate	ND		10	1.7	ug/L			11/02/24 16:38	1
Methyl tert-butyl ether	ND		1.0	0.47	ug/L			11/02/24 16:38	1
Methylcyclohexane	ND		1.0	0.33	ug/L			11/02/24 16:38	1
Methylene Chloride	ND		5.0	2.6	ug/L			11/02/24 16:38	1
Styrene	ND		1.0	0.45	ug/L			11/02/24 16:38	1
Tetrachloroethene	ND		1.0	0.44	ug/L			11/02/24 16:38	1
Toluene	ND		1.0	0.44	ug/L			11/02/24 16:38	1
trans-1,2-Dichloroethene	ND		1.0	0.51	ug/L			11/02/24 16:38	1
trans-1,3-Dichloropropene	ND		1.0	0.67	ug/L			11/02/24 16:38	1
Trichloroethene	ND		1.0	0.44	ug/L			11/02/24 16:38	1
Trichlorofluoromethane	ND		1.0	0.45	ug/L			11/02/24 16:38	1
Vinyl chloride	ND		1.0	0.45	ug/L			11/02/24 16:38	1
Xylenes, Total	ND		2.0	0.42	ug/L			11/02/24 16:38	1

Client: August Mack Environmental, Inc.
Project/Site: MSC Canfield

Job ID: 240-213578-1

Client Sample ID: TB-3-20241023
Date Collected: 10/23/24 00:00
Date Received: 10/23/24 16:09

Lab Sample ID: 240-213578-9
Matrix: Water

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
Toluene-d8 (Surr)	100		78 - 122		11/02/24 16:38	1
Dibromofluoromethane (Surr)	100		73 - 120		11/02/24 16:38	1
4-Bromofluorobenzene (Surr)	93		56 - 136		11/02/24 16:38	1
1,2-Dichloroethane-d4 (Surr)	107		62 - 137		11/02/24 16:38	1

Surrogate Summary

Client: August Mack Environmental, Inc.
Project/Site: MSC Canfield

Job ID: 240-213578-1

Method: 8260D - Volatile Organic Compounds by GC/MS

Matrix: Water

Prep Type: Total/NA

		Percent Surrogate Recovery (Acceptance Limits)			
		TOL	DBFM	BFB	DCA
Lab Sample ID	Client Sample ID	(78-122)	(73-120)	(56-136)	(62-137)
240-213578-1	SB-7-GW-18-28	100	98	97	101
240-213578-2	SB-4-GW-18-28	100	96	96	105
240-213578-3	SB-2-GW-18-28	99	99	94	105
240-213578-3 MS	SB-2-GW-18-28	100	95	99	99
240-213578-3 MSD	SB-2-GW-18-28	101	95	100	97
240-213578-4	DUP-2	100	102	96	108
240-213578-5	DUP-3	100	94	95	100
240-213578-6	SB-6-GW-18-28	98	99	95	102
240-213578-7	TB-1-20241023	95	98	93	99
240-213578-8	TB-2-20241023	101	100	94	108
240-213578-9	TB-3-20241023	100	100	93	107
LCS 240-633654/4	Lab Control Sample	98	91	97	93
MB 240-633654/7	Method Blank	91	94	92	97

Surrogate Legend

TOL = Toluene-d8 (Surr)
DBFM = Dibromofluoromethane (Surr)
BFB = 4-Bromofluorobenzene (Surr)
DCA = 1,2-Dichloroethane-d4 (Surr)

Method: 8270E - Semivolatile Organic Compounds (GC/MS)

Matrix: Water

Prep Type: Total/NA

		Percent Surrogate Recovery (Acceptance Limits)					
		TPHL	PHL	NBZ	2FP	FBP	TBP
Lab Sample ID	Client Sample ID	(43-136)	(10-120)	(40-120)	(10-127)	(41-120)	(23-127)
240-213578-1	SB-7-GW-18-28	81	64	65	82	76	101
240-213578-2	SB-4-GW-18-28	81	62	69	93	79	97
240-213578-3	SB-2-GW-18-28	86	70	70	81	82	105
240-213578-3 MS	SB-2-GW-18-28	70	78	73	117	79	107
240-213578-3 MSD	SB-2-GW-18-28	64	77	67	109	75	103
240-213578-4	DUP-2	87	60	61	66	74	95
240-213578-5	DUP-3	80	81	70	79	79	108
240-213578-6	SB-6-GW-18-28	65	59	55	51	62	84
LCS 240-632431/2-A	Lab Control Sample	79	53	77	96	81	113
MB 240-632431/1-A	Method Blank	89	52	70	72	82	46

Surrogate Legend

TPHL = Terphenyl-d14 (Surr)
PHL = Phenol-d5 (Surr)
NBZ = Nitrobenzene-d5 (Surr)
2FP = 2-Fluorophenol (Surr)
FBP = 2-Fluorobiphenyl (Surr)
TBP = 2,4,6-Tribromophenol (Surr)

Surrogate Summary

Client: August Mack Environmental, Inc. Job ID: 240-213578-1
Project/Site: MSC Canfield

Method: 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Matrix: Water **Prep Type: Total/NA**

		Percent Surrogate Recovery (Acceptance Limits)											
		TCX1	DCBP1										
Lab Sample ID	Client Sample ID	(10-149)	(10-174)										
240-213578-1	SB-7-GW-18-28	63	17										
240-213578-2	SB-4-GW-18-28	53	20										
240-213578-3	SB-2-GW-18-28	25	20										
240-213578-3 MS	SB-2-GW-18-28	55	22										
240-213578-3 MSD	SB-2-GW-18-28	57	23										
240-213578-4	DUP-2	54	22										
240-213578-5	DUP-3	72	28										
240-213578-6	SB-6-GW-18-28	79	25										
LCS 240-632423/2-A	Lab Control Sample	84	78										
MB 240-632423/1-A	Method Blank	45	74										

Surrogate Legend

TCX = Tetrachloro-m-xylene

DCBP = DCB Decachlorobiphenyl

Client: August Mack Environmental, Inc.
Project/Site: MSC Canfield

Job ID: 240-213578-1

Method: 8260D - Volatile Organic Compounds by GC/MS

Lab Sample ID: MB 240-633654/7
Matrix: Water
Analysis Batch: 633654

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		1.0	0.48	ug/L			11/02/24 12:17	1
1,1,2,2-Tetrachloroethane	ND		1.0	0.60	ug/L			11/02/24 12:17	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		1.0	0.41	ug/L			11/02/24 12:17	1
1,1,2-Trichloroethane	ND		1.0	0.48	ug/L			11/02/24 12:17	1
1,1-Dichloroethane	ND		1.0	0.47	ug/L			11/02/24 12:17	1
1,1-Dichloroethene	ND		1.0	0.49	ug/L			11/02/24 12:17	1
1,2,4-Trichlorobenzene	ND		1.0	0.77	ug/L			11/02/24 12:17	1
1,2-Dibromo-3-Chloropropane	ND		2.0	0.91	ug/L			11/02/24 12:17	1
Ethylene Dibromide	ND		1.0	0.41	ug/L			11/02/24 12:17	1
1,2-Dichlorobenzene	ND		1.0	0.48	ug/L			11/02/24 12:17	1
1,2-Dichloroethane	ND		1.0	0.46	ug/L			11/02/24 12:17	1
1,2-Dichloropropane	ND		1.0	0.47	ug/L			11/02/24 12:17	1
1,3-Dichlorobenzene	ND		1.0	0.45	ug/L			11/02/24 12:17	1
1,4-Dichlorobenzene	ND		1.0	0.41	ug/L			11/02/24 12:17	1
2-Butanone (MEK)	ND		10	1.2	ug/L			11/02/24 12:17	1
2-Hexanone	ND		10	1.1	ug/L			11/02/24 12:17	1
4-Methyl-2-pentanone (MIBK)	ND		10	0.99	ug/L			11/02/24 12:17	1
Acetone	ND		10	5.4	ug/L			11/02/24 12:17	1
Benzene	ND		1.0	0.42	ug/L			11/02/24 12:17	1
Dichlorobromomethane	ND		1.0	0.38	ug/L			11/02/24 12:17	1
Bromoform	ND		1.0	0.76	ug/L			11/02/24 12:17	1
Bromomethane	ND		1.0	0.42	ug/L			11/02/24 12:17	1
Carbon disulfide	ND		1.0	0.59	ug/L			11/02/24 12:17	1
Carbon tetrachloride	ND		1.0	0.26	ug/L			11/02/24 12:17	1
Chlorobenzene	ND		1.0	0.38	ug/L			11/02/24 12:17	1
Chloroethane	ND		1.0	0.83	ug/L			11/02/24 12:17	1
Chloroform	ND		1.0	0.47	ug/L			11/02/24 12:17	1
Chloromethane	ND		1.0	0.63	ug/L			11/02/24 12:17	1
cis-1,2-Dichloroethene	ND		1.0	0.46	ug/L			11/02/24 12:17	1
cis-1,3-Dichloropropene	ND		1.0	0.61	ug/L			11/02/24 12:17	1
Cyclohexane	ND		1.0	0.48	ug/L			11/02/24 12:17	1
Chlorodibromomethane	ND		1.0	0.39	ug/L			11/02/24 12:17	1
Dichlorodifluoromethane	ND		1.0	0.35	ug/L			11/02/24 12:17	1
Ethylbenzene	ND		1.0	0.42	ug/L			11/02/24 12:17	1
Isopropylbenzene	ND		1.0	0.49	ug/L			11/02/24 12:17	1
Methyl acetate	ND		10	1.7	ug/L			11/02/24 12:17	1
Methyl tert-butyl ether	ND		1.0	0.47	ug/L			11/02/24 12:17	1
Methylcyclohexane	ND		1.0	0.33	ug/L			11/02/24 12:17	1
Methylene Chloride	ND		5.0	2.6	ug/L			11/02/24 12:17	1
Styrene	ND		1.0	0.45	ug/L			11/02/24 12:17	1
Tetrachloroethene	ND		1.0	0.44	ug/L			11/02/24 12:17	1
Toluene	ND		1.0	0.44	ug/L			11/02/24 12:17	1
trans-1,2-Dichloroethene	ND		1.0	0.51	ug/L			11/02/24 12:17	1
trans-1,3-Dichloropropene	ND		1.0	0.67	ug/L			11/02/24 12:17	1
Trichloroethene	ND		1.0	0.44	ug/L			11/02/24 12:17	1
Trichlorofluoromethane	ND		1.0	0.45	ug/L			11/02/24 12:17	1
Vinyl chloride	ND		1.0	0.45	ug/L			11/02/24 12:17	1
Xylenes, Total	ND		2.0	0.42	ug/L			11/02/24 12:17	1

Method: 8260D - Volatile Organic Compounds by GC/MS (Continued)

Lab Sample ID: MB 240-633654/7
Matrix: Water
Analysis Batch: 633654

Client Sample ID: Method Blank
Prep Type: Total/NA

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
Toluene-d8 (Surr)	*91*		*78 - 122*		*11/02/24 12:17*	*1*
Dibromofluoromethane (Surr)	*94*		*73 - 120*		*11/02/24 12:17*	*1*
4-Bromofluorobenzene (Surr)	*92*		*56 - 136*		*11/02/24 12:17*	*1*
1,2-Dichloroethane-d4 (Surr)	*97*		*62 - 137*		*11/02/24 12:17*	*1*

Lab Sample ID: LCS 240-633654/4
Matrix: Water
Analysis Batch: 633654

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
1,1,1-Trichloroethane	25.0	23.8		ug/L		95	64 - 131
1,1,2,2-Tetrachloroethane	25.0	22.5		ug/L		90	58 - 157
1,1,2-Trichloro-1,2,2-trifluoroethane	25.0	23.6		ug/L		94	51 - 146
1,1,2-Trichloroethane	25.0	21.5		ug/L		86	70 - 138
1,1-Dichloroethane	25.0	23.7		ug/L		95	72 - 127
1,1-Dichloroethene	25.0	23.4		ug/L		94	63 - 134
1,2,4-Trichlorobenzene	25.0	20.9		ug/L		84	44 - 147
1,2-Dibromo-3-Chloropropane	25.0	21.3		ug/L		85	53 - 135
Ethylene Dibromide	25.0	23.6		ug/L		94	71 - 134
1,2-Dichlorobenzene	25.0	22.2		ug/L		89	78 - 120
1,2-Dichloroethane	25.0	24.2		ug/L		97	66 - 128
1,2-Dichloropropane	25.0	26.2		ug/L		105	75 - 133
1,3-Dichlorobenzene	25.0	24.2		ug/L		97	80 - 120
1,4-Dichlorobenzene	25.0	23.3		ug/L		93	80 - 120
2-Butanone (MEK)	50.0	42.3		ug/L		85	54 - 156
2-Hexanone	50.0	43.5		ug/L		87	43 - 167
4-Methyl-2-pentanone (MIBK)	50.0	43.1		ug/L		86	46 - 158
Acetone	50.0	44.0		ug/L		88	50 - 149
Benzene	25.0	23.5		ug/L		94	77 - 123
Dichlorobromomethane	25.0	20.8		ug/L		83	69 - 126
Bromoform	25.0	21.5		ug/L		86	57 - 129
Bromomethane	12.5	13.4		ug/L		107	36 - 142
Carbon disulfide	25.0	25.9		ug/L		104	43 - 140
Carbon tetrachloride	25.0	25.9		ug/L		104	55 - 137
Chlorobenzene	25.0	23.2		ug/L		93	80 - 121
Chloroethane	12.5	11.9		ug/L		95	38 - 152
Chloroform	25.0	21.3		ug/L		85	74 - 122
Chloromethane	12.5	10.6		ug/L		85	47 - 143
cis-1,2-Dichloroethene	25.0	23.1		ug/L		92	77 - 123
cis-1,3-Dichloropropene	25.0	23.5		ug/L		94	64 - 130
Cyclohexane	25.0	26.0		ug/L		104	58 - 146
Chlorodibromomethane	25.0	22.9		ug/L		92	70 - 124
Dichlorodifluoromethane	12.5	8.04		ug/L		64	34 - 153
Ethylbenzene	25.0	25.2		ug/L		101	80 - 121
Isopropylbenzene	25.0	28.1		ug/L		112	74 - 128
Methyl acetate	50.0	39.1		ug/L		78	42 - 169
Methyl tert-butyl ether	25.0	23.9		ug/L		96	65 - 126
Methylcyclohexane	25.0	24.4		ug/L		98	62 - 136

Method: 8260D - Volatile Organic Compounds by GC/MS (Continued)

Lab Sample ID: LCS 240-633654/4
Matrix: Water
Analysis Batch: 633654

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Methylene Chloride	25.0	24.8		ug/L		99	71 - 125
Styrene	25.0	26.1		ug/L		104	80 - 135
Tetrachloroethene	25.0	24.5		ug/L		98	76 - 123
Toluene	25.0	22.4		ug/L		89	80 - 123
trans-1,2-Dichloroethene	25.0	21.5		ug/L		86	75 - 124
trans-1,3-Dichloropropene	25.0	25.3		ug/L		101	57 - 129
Trichloroethene	25.0	22.3		ug/L		89	70 - 122
Trichlorofluoromethane	12.5	11.5		ug/L		92	30 - 170
Vinyl chloride	12.5	11.2		ug/L		90	60 - 144
Xylenes, Total	50.0	51.7		ug/L		103	80 - 121
m-Xylene & p-Xylene	25.0	26.2		ug/L		105	80 - 120
o-Xylene	25.0	25.5		ug/L		102	80 - 123

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
Toluene-d8 (Surr)	*98*		*78 - 122*
Dibromofluoromethane (Surr)	*91*		*73 - 120*
4-Bromofluorobenzene (Surr)	*97*		*56 - 136*
1,2-Dichloroethane-d4 (Surr)	*93*		*62 - 137*

Lab Sample ID: 240-213578-3 MS
Matrix: Water
Analysis Batch: 633654

Client Sample ID: SB-2-GW-18-28
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
1,1,1-Trichloroethane	ND		25.0	23.0		ug/L		92	60 - 130
1,1,2,2-Tetrachloroethane	ND		25.0	21.7		ug/L		87	54 - 145
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		25.0	24.7		ug/L		99	41 - 147
1,1,2-Trichloroethane	ND		25.0	20.7		ug/L		83	69 - 131
1,1-Dichloroethane	ND		25.0	24.0		ug/L		96	68 - 125
1,1-Dichloroethene	ND		25.0	23.1		ug/L		93	56 - 135
1,2,4-Trichlorobenzene	ND		25.0	17.8		ug/L		71	29 - 156
1,2-Dibromo-3-Chloropropane	ND		25.0	19.8		ug/L		79	41 - 129
Ethylene Dibromide	ND		25.0	22.2		ug/L		89	69 - 125
1,2-Dichlorobenzene	ND		25.0	20.4		ug/L		81	73 - 120
1,2-Dichloroethane	ND		25.0	23.3		ug/L		93	63 - 126
1,2-Dichloropropane	ND		25.0	25.2		ug/L		101	69 - 130
1,3-Dichlorobenzene	ND		25.0	20.9		ug/L		84	73 - 120
1,4-Dichlorobenzene	ND		25.0	20.7		ug/L		83	74 - 120
2-Butanone (MEK)	ND		50.0	35.8		ug/L		72	40 - 151
2-Hexanone	ND		50.0	42.2		ug/L		84	35 - 156
4-Methyl-2-pentanone (MIBK)	ND		50.0	43.1		ug/L		86	31 - 153
Acetone	ND		50.0	46.2		ug/L		92	33 - 149
Benzene	ND		25.0	23.0		ug/L		92	64 - 128
Dichlorobromomethane	ND		25.0	20.9		ug/L		84	62 - 125
Bromoform	ND		25.0	21.2		ug/L		85	47 - 125
Bromomethane	ND		12.5	11.7		ug/L		93	28 - 150
Carbon disulfide	ND		25.0	24.0		ug/L		96	38 - 140
Carbon tetrachloride	ND		25.0	25.6		ug/L		102	51 - 133

Method: 8260D - Volatile Organic Compounds by GC/MS (Continued)

Lab Sample ID: 240-213578-3 MS
Matrix: Water
Analysis Batch: 633654

Client Sample ID: SB-2-GW-18-28
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Chlorobenzene	ND		25.0	21.5		ug/L		86	74 - 121
Chloroethane	ND		12.5	10.7		ug/L		86	10 - 199
Chloroform	ND		25.0	20.4		ug/L		82	70 - 122
Chloromethane	ND		12.5	10.7		ug/L		85	32 - 149
cis-1,2-Dichloroethene	ND		25.0	22.0		ug/L		88	66 - 128
cis-1,3-Dichloropropene	ND		25.0	21.3		ug/L		85	47 - 125
Cyclohexane	ND		25.0	27.0		ug/L		108	42 - 147
Chlorodibromomethane	ND		25.0	20.9		ug/L		83	65 - 120
Dichlorodifluoromethane	ND	F1	12.5	8.25		ug/L		66	38 - 139
Ethylbenzene	ND		25.0	23.1		ug/L		93	67 - 127
Isopropylbenzene	ND		25.0	24.7		ug/L		99	64 - 129
Methyl acetate	ND		50.0	41.4		ug/L		83	37 - 155
Methyl tert-butyl ether	ND		25.0	25.0		ug/L		100	47 - 134
Methylcyclohexane	ND		25.0	25.1		ug/L		100	39 - 144
Methylene Chloride	ND		25.0	24.1		ug/L		96	62 - 129
Styrene	ND		25.0	23.1		ug/L		92	70 - 139
Tetrachloroethene	ND		25.0	22.8		ug/L		91	62 - 131
Toluene	ND		25.0	20.7		ug/L		83	58 - 135
trans-1,2-Dichloroethene	ND		25.0	20.7		ug/L		83	56 - 136
trans-1,3-Dichloropropene	ND		25.0	21.9		ug/L		88	47 - 120
Trichloroethene	ND		25.0	20.7		ug/L		83	61 - 124
Trichlorofluoromethane	ND		12.5	10.0		ug/L		80	24 - 177
Vinyl chloride	ND		12.5	10.8		ug/L		87	43 - 157
Xylenes, Total	ND		50.0	48.0		ug/L		96	71 - 123
m-Xylene & p-Xylene	ND		25.0	23.8		ug/L		95	71 - 123
o-Xylene	ND		25.0	24.2		ug/L		97	70 - 125

Surrogate	*MS %Recovery*	*MS Qualifier*	*Limits*
Toluene-d8 (Surr)	*100*		*78 - 122*
Dibromofluoromethane (Surr)	*95*		*73 - 120*
4-Bromofluorobenzene (Surr)	*99*		*56 - 136*
1,2-Dichloroethane-d4 (Surr)	*99*		*62 - 137*

Lab Sample ID: 240-213578-3 MSD
Matrix: Water
Analysis Batch: 633654

Client Sample ID: SB-2-GW-18-28
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
1,1,1-Trichloroethane	ND		25.0	22.2		ug/L		89	60 - 130	3	17
1,1,2,2-Tetrachloroethane	ND		25.0	20.7		ug/L		83	54 - 145	5	15
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		25.0	24.7		ug/L		99	41 - 147	0	35
1,1,2-Trichloroethane	ND		25.0	20.4		ug/L		81	69 - 131	2	14
1,1-Dichloroethane	ND		25.0	23.5		ug/L		94	68 - 125	2	13
1,1-Dichloroethene	ND		25.0	22.9		ug/L		92	56 - 135	1	26
1,2,4-Trichlorobenzene	ND		25.0	18.0		ug/L		72	29 - 156	1	19
1,2-Dibromo-3-Chloropropane	ND		25.0	21.7		ug/L		87	41 - 129	9	22
Ethylene Dibromide	ND		25.0	22.2		ug/L		89	69 - 125	0	14
1,2-Dichlorobenzene	ND		25.0	19.5		ug/L		78	73 - 120	4	14

Method: 8260D - Volatile Organic Compounds by GC/MS (Continued)

Lab Sample ID: 240-213578-3 MSD
Matrix: Water
Analysis Batch: 633654

Client Sample ID: SB-2-GW-18-28
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
1,2-Dichloroethane	ND		25.0	23.9		ug/L		96	63 - 126	2	12
1,2-Dichloropropane	ND		25.0	25.8		ug/L		103	69 - 130	2	13
1,3-Dichlorobenzene	ND		25.0	20.9		ug/L		84	73 - 120	0	14
1,4-Dichlorobenzene	ND		25.0	20.1		ug/L		81	74 - 120	3	15
2-Butanone (MEK)	ND		50.0	37.0		ug/L		74	40 - 151	4	20
2-Hexanone	ND		50.0	43.3		ug/L		87	35 - 156	3	17
4-Methyl-2-pentanone (MIBK)	ND		50.0	42.7		ug/L		85	31 - 153	1	15
Acetone	ND		50.0	45.1		ug/L		90	33 - 149	2	34
Benzene	ND		25.0	22.5		ug/L		90	64 - 128	2	14
Dichlorobromomethane	ND		25.0	19.9		ug/L		79	62 - 125	5	13
Bromoform	ND		25.0	19.8		ug/L		79	47 - 125	7	15
Bromomethane	ND		25.0	10.6		ug/L		42	28 - 150	10	26
Carbon disulfide	ND		25.0	23.7		ug/L		95	38 - 140	1	23
Carbon tetrachloride	ND		25.0	25.3		ug/L		101	51 - 133	1	24
Chlorobenzene	ND		25.0	20.7		ug/L		83	74 - 121	4	14
Chloroethane	ND		25.0	9.99		ug/L		40	10 - 199	7	30
Chloroform	ND		25.0	20.9		ug/L		84	70 - 122	3	14
Chloromethane	ND		25.0	9.70		ug/L		39	32 - 149	9	27
cis-1,2-Dichloroethene	ND		25.0	21.8		ug/L		87	66 - 128	1	14
cis-1,3-Dichloropropene	ND		25.0	20.2		ug/L		81	47 - 125	5	13
Cyclohexane	ND		25.0	26.8		ug/L		107	42 - 147	1	35
Chlorodibromomethane	ND		25.0	21.7		ug/L		87	65 - 120	4	13
Dichlorodifluoromethane	ND	F1	25.0	7.87	F1	ug/L		31	38 - 139	5	35
Ethylbenzene	ND		25.0	24.4		ug/L		98	67 - 127	5	15
Isopropylbenzene	ND		25.0	24.7		ug/L		99	64 - 129	0	18
Methyl acetate	ND		50.0	41.3		ug/L		83	37 - 155	0	18
Methyl tert-butyl ether	ND		25.0	23.9		ug/L		95	47 - 134	5	16
Methylcyclohexane	ND		25.0	24.7		ug/L		99	39 - 144	1	35
Methylene Chloride	ND		25.0	22.5		ug/L		90	62 - 129	7	17
Styrene	ND		25.0	22.6		ug/L		90	70 - 139	2	18
Tetrachloroethene	ND		25.0	22.0		ug/L		88	62 - 131	3	20
Toluene	ND		25.0	20.4		ug/L		81	58 - 135	2	14
trans-1,2-Dichloroethene	ND		25.0	20.1		ug/L		80	56 - 136	3	15
trans-1,3-Dichloropropene	ND		25.0	21.0		ug/L		84	47 - 120	4	14
Trichloroethene	ND		25.0	19.8		ug/L		79	61 - 124	5	15
Trichlorofluoromethane	ND		25.0	9.95		ug/L		40	24 - 177	0	34
Vinyl chloride	ND		25.0	10.7		ug/L		43	43 - 157	1	24
Xylenes, Total	ND		50.0	45.4		ug/L		91	71 - 123	6	15
m-Xylene & p-Xylene	ND		25.0	22.7		ug/L		91	71 - 123	5	16
o-Xylene	ND		25.0	22.7		ug/L		91	70 - 125	6	15

Surrogate	*MSD %Recovery*	*MSD Qualifier*	*Limits*
Toluene-d8 (Surr)	*101*		*78 - 122*
Dibromofluoromethane (Surr)	*95*		*73 - 120*
4-Bromofluorobenzene (Surr)	*100*		*56 - 136*
1,2-Dichloroethane-d4 (Surr)	*97*		*62 - 137*

Method: 8270E - Semivolatile Organic Compounds (GC/MS)

Lab Sample ID: MB 240-632431/1-A
Matrix: Water
Analysis Batch: 633649

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 632431

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1'-Biphenyl	ND		1.0	0.49	ug/L		10/25/24 08:51	11/02/24 11:50	1
bis (2-chloroisopropyl) ether	ND		1.0	0.24	ug/L		10/25/24 08:51	11/02/24 11:50	1
2,4,5-Trichlorophenol	ND		5.0	2.0	ug/L		10/25/24 08:51	11/02/24 11:50	1
2,4,6-Trichlorophenol	ND		5.0	1.8	ug/L		10/25/24 08:51	11/02/24 11:50	1
2,4-Dichlorophenol	ND		2.0	0.26	ug/L		10/25/24 08:51	11/02/24 11:50	1
2,4-Dimethylphenol	ND		2.0	0.25	ug/L		10/25/24 08:51	11/02/24 11:50	1
2,4-Dinitrophenol	ND		10	2.6	ug/L		10/25/24 08:51	11/02/24 11:50	1
2,4-Dinitrotoluene	ND		5.0	2.1	ug/L		10/25/24 08:51	11/02/24 11:50	1
2,6-Dinitrotoluene	ND		5.0	1.1	ug/L		10/25/24 08:51	11/02/24 11:50	1
2-Chloronaphthalene	ND		1.0	0.23	ug/L		10/25/24 08:51	11/02/24 11:50	1
2-Chlorophenol	ND		1.0	0.27	ug/L		10/25/24 08:51	11/02/24 11:50	1
2-Methylnaphthalene	ND		0.20	0.11	ug/L		10/25/24 08:51	11/02/24 11:50	1
2-Methylphenol	ND		1.0	0.21	ug/L		10/25/24 08:51	11/02/24 11:50	1
2-Nitroaniline	ND		2.0	0.51	ug/L		10/25/24 08:51	11/02/24 11:50	1
2-Nitrophenol	ND		2.0	0.56	ug/L		10/25/24 08:51	11/02/24 11:50	1
3,3'-Dichlorobenzidine	ND		5.0	1.2	ug/L		10/25/24 08:51	11/02/24 11:50	1
3-Nitroaniline	ND		2.0	0.57	ug/L		10/25/24 08:51	11/02/24 11:50	1
4,6-Dinitro-2-methylphenol	ND		5.0	2.8	ug/L		10/25/24 08:51	11/02/24 11:50	1
4-Bromophenyl phenyl ether	ND		2.0	0.50	ug/L		10/25/24 08:51	11/02/24 11:50	1
4-Chloro-3-methylphenol	ND		2.0	0.30	ug/L		10/25/24 08:51	11/02/24 11:50	1
4-Chloroaniline	ND		2.0	0.32	ug/L		10/25/24 08:51	11/02/24 11:50	1
4-Chlorophenyl phenyl ether	ND		2.0	0.55	ug/L		10/25/24 08:51	11/02/24 11:50	1
4-Nitroaniline	ND		2.0	0.33	ug/L		10/25/24 08:51	11/02/24 11:50	1
4-Nitrophenol	ND		10	2.2	ug/L		10/25/24 08:51	11/02/24 11:50	1
Acenaphthene	ND		0.20	0.17	ug/L		10/25/24 08:51	11/02/24 11:50	1
Acenaphthylene	ND		0.20	0.13	ug/L		10/25/24 08:51	11/02/24 11:50	1
Acetophenone	ND		1.0	0.37	ug/L		10/25/24 08:51	11/02/24 11:50	1
Anthracene	ND		0.20	0.14	ug/L		10/25/24 08:51	11/02/24 11:50	1
Atrazine	ND		2.0	0.95	ug/L		10/25/24 08:51	11/02/24 11:50	1
Benzaldehyde	ND		2.0	0.76	ug/L		10/25/24 08:51	11/02/24 11:50	1
Benzo[a]anthracene	ND		0.20	0.068	ug/L		10/25/24 08:51	11/02/24 11:50	1
Benzo[a]pyrene	ND		0.20	0.17	ug/L		10/25/24 08:51	11/02/24 11:50	1
Benzo[b]fluoranthene	ND		0.20	0.15	ug/L		10/25/24 08:51	11/02/24 11:50	1
Benzo[g,h,i]perylene	ND		0.20	0.18	ug/L		10/25/24 08:51	11/02/24 11:50	1
Benzo[k]fluoranthene	ND		0.20	0.14	ug/L		10/25/24 08:51	11/02/24 11:50	1
Bis(2-chloroethoxy)methane	ND		1.0	0.22	ug/L		10/25/24 08:51	11/02/24 11:50	1
Bis(2-chloroethyl)ether	ND		1.0	0.40	ug/L		10/25/24 08:51	11/02/24 11:50	1
Bis(2-ethylhexyl) phthalate	ND		5.0	2.2	ug/L		10/25/24 08:51	11/02/24 11:50	1
Butyl benzyl phthalate	ND		2.0	0.67	ug/L		10/25/24 08:51	11/02/24 11:50	1
Caprolactam	ND		5.0	3.8	ug/L		10/25/24 08:51	11/02/24 11:50	1
Carbazole	ND		1.0	0.49	ug/L		10/25/24 08:51	11/02/24 11:50	1
Chrysene	ND		0.20	0.066	ug/L		10/25/24 08:51	11/02/24 11:50	1
Dibenz(a,h)anthracene	ND		0.20	0.15	ug/L		10/25/24 08:51	11/02/24 11:50	1
Dibenzofuran	ND		1.0	0.27	ug/L		10/25/24 08:51	11/02/24 11:50	1
Diethyl phthalate	ND		5.0	0.41	ug/L		10/25/24 08:51	11/02/24 11:50	1
Dimethyl phthalate	ND		2.0	0.52	ug/L		10/25/24 08:51	11/02/24 11:50	1
Di-n-butyl phthalate	ND		5.0	1.8	ug/L		10/25/24 08:51	11/02/24 11:50	1
Di-n-octyl phthalate	ND		2.0	0.82	ug/L		10/25/24 08:51	11/02/24 11:50	1

Method: 8270E - Semivolatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: MB 240-632431/1-A
Matrix: Water
Analysis Batch: 633649

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 632431

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Fluoranthene	ND		0.20	0.16	ug/L		10/25/24 08:51	11/02/24 11:50	1
Fluorene	ND		0.20	0.079	ug/L		10/25/24 08:51	11/02/24 11:50	1
Hexachlorobenzene	ND		0.20	0.16	ug/L		10/25/24 08:51	11/02/24 11:50	1
Hexachlorobutadiene	ND		1.0	0.54	ug/L		10/25/24 08:51	11/02/24 11:50	1
Hexachlorocyclopentadiene	ND		10	1.8	ug/L		10/25/24 08:51	11/02/24 11:50	1
Hexachloroethane	ND		1.0	0.40	ug/L		10/25/24 08:51	11/02/24 11:50	1
Indeno[1,2,3-cd]pyrene	ND		0.20	0.14	ug/L		10/25/24 08:51	11/02/24 11:50	1
Isophorone	ND		1.0	0.32	ug/L		10/25/24 08:51	11/02/24 11:50	1
N-Nitrosodi-n-propylamine	ND		1.0	0.25	ug/L		10/25/24 08:51	11/02/24 11:50	1
N-Nitrosodiphenylamine	ND		1.0	0.44	ug/L		10/25/24 08:51	11/02/24 11:50	1
Naphthalene	ND		0.20	0.11	ug/L		10/25/24 08:51	11/02/24 11:50	1
Nitrobenzene	ND		1.0	0.51	ug/L		10/25/24 08:51	11/02/24 11:50	1
Pentachlorophenol	ND		10	3.1	ug/L		10/25/24 08:51	11/02/24 11:50	1
Phenanthrene	ND		0.20	0.080	ug/L		10/25/24 08:51	11/02/24 11:50	1
Phenol	ND		1.0	0.40	ug/L		10/25/24 08:51	11/02/24 11:50	1
Pyrene	ND		0.20	0.083	ug/L		10/25/24 08:51	11/02/24 11:50	1
3 & 4 Methylphenol	ND		2.0	0.19	ug/L		10/25/24 08:51	11/02/24 11:50	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Terphenyl-d14 (Surr)	*89*		*43 - 136*	*10/25/24 08:51*	*11/02/24 11:50*	*1*
Phenol-d5 (Surr)	*52*		*10 - 120*	*10/25/24 08:51*	*11/02/24 11:50*	*1*
Nitrobenzene-d5 (Surr)	*70*		*40 - 120*	*10/25/24 08:51*	*11/02/24 11:50*	*1*
2-Fluorophenol (Surr)	*72*		*10 - 127*	*10/25/24 08:51*	*11/02/24 11:50*	*1*
2-Fluorobiphenyl (Surr)	*82*		*41 - 120*	*10/25/24 08:51*	*11/02/24 11:50*	*1*
2,4,6-Tribromophenol (Surr)	*46*		*23 - 127*	*10/25/24 08:51*	*11/02/24 11:50*	*1*

Lab Sample ID: LCS 240-632431/2-A
Matrix: Water
Analysis Batch: 633649

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 632431

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
1,1'-Biphenyl	32.0	26.6		ug/L		83	48 - 120
bis (2-chloroisopropyl) ether	32.0	19.9		ug/L		62	34 - 126
2,4,5-Trichlorophenol	32.0	31.1		ug/L		97	51 - 129
2,4,6-Trichlorophenol	32.0	30.2		ug/L		94	51 - 128
2,4-Dichlorophenol	32.0	29.5		ug/L		92	57 - 122
2,4-Dimethylphenol	32.0	15.9		ug/L		50	33 - 120
2,4-Dinitrophenol	64.0	53.4		ug/L		83	27 - 126
2,4-Dinitrotoluene	32.0	33.1		ug/L		104	55 - 131
2,6-Dinitrotoluene	32.0	32.0		ug/L		100	54 - 134
2-Chloronaphthalene	32.0	26.9		ug/L		84	50 - 120
2-Chlorophenol	32.0	28.4		ug/L		89	57 - 120
2-Methylnaphthalene	32.0	26.7		ug/L		83	47 - 120
2-Methylphenol	32.0	25.7		ug/L		80	47 - 120
2-Nitroaniline	32.0	28.1		ug/L		88	51 - 138
2-Nitrophenol	32.0	28.3		ug/L		88	53 - 127
3,3'-Dichlorobenzidine	64.0	58.0		ug/L		91	39 - 150
3-Nitroaniline	32.0	29.8		ug/L		93	13 - 156

Method: 8270E - Semivolatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: LCS 240-632431/2-A
Matrix: Water
Analysis Batch: 633649

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 632431

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
4,6-Dinitro-2-methylphenol	64.0	63.4		ug/L		99	45 - 130
4-Bromophenyl phenyl ether	32.0	33.0		ug/L		103	51 - 129
4-Chloro-3-methylphenol	32.0	27.3		ug/L		85	57 - 126
4-Chloroaniline	32.0	5.67		ug/L		18	10 - 120
4-Chlorophenyl phenyl ether	32.0	29.3		ug/L		92	52 - 122
4-Nitroaniline	32.0	30.7		ug/L		96	44 - 156
4-Nitrophenol	64.0	40.9		ug/L		64	14 - 120
Acenaphthene	32.0	25.8		ug/L		81	50 - 120
Acenaphthylene	32.0	27.4		ug/L		86	49 - 120
Acetophenone	32.0	28.1		ug/L		88	52 - 120
Anthracene	32.0	30.0		ug/L		94	55 - 124
Atrazine	32.0	34.0		ug/L		106	50 - 152
Benzaldehyde	32.0	28.6		ug/L		89	36 - 168
Benzo[a]anthracene	32.0	28.5		ug/L		89	55 - 130
Benzo[a]pyrene	32.0	31.2		ug/L		97	51 - 123
Benzo[b]fluoranthene	32.0	31.7		ug/L		99	51 - 130
Benzo[g,h,i]perylene	32.0	32.7		ug/L		102	55 - 135
Benzo[k]fluoranthene	32.0	30.0		ug/L		94	53 - 130
Bis(2-chloroethoxy)methane	32.0	25.6		ug/L		80	50 - 121
Bis(2-chloroethyl)ether	32.0	23.1		ug/L		72	47 - 120
Bis(2-ethylhexyl) phthalate	32.0	28.4		ug/L		89	45 - 142
Butyl benzyl phthalate	32.0	27.7		ug/L		86	48 - 140
Caprolactam	32.0	5.81		ug/L		18	10 - 120
Carbazole	32.0	31.1		ug/L		97	56 - 135
Chrysene	32.0	27.1		ug/L		85	52 - 126
Dibenz(a,h)anthracene	32.0	33.9		ug/L		106	57 - 132
Dibenzofuran	32.0	27.5		ug/L		86	52 - 120
Diethyl phthalate	32.0	29.7		ug/L		93	51 - 127
Dimethyl phthalate	32.0	30.1		ug/L		94	40 - 136
Di-n-butyl phthalate	32.0	32.1		ug/L		100	56 - 138
Di-n-octyl phthalate	32.0	25.7		ug/L		80	45 - 135
Fluoranthene	32.0	32.7		ug/L		102	56 - 135
Fluorene	32.0	27.8		ug/L		87	52 - 124
Hexachlorobenzene	32.0	33.3		ug/L		104	49 - 127
Hexachlorobutadiene	32.0	26.3		ug/L		82	36 - 120
Hexachlorocyclopentadiene	32.0	8.75	J	ug/L		27	10 - 120
Hexachloroethane	32.0	23.6		ug/L		74	39 - 120
Indeno[1,2,3-cd]pyrene	32.0	32.9		ug/L		103	55 - 134
Isophorone	32.0	26.4		ug/L		83	50 - 127
N-Nitrosodi-n-propylamine	32.0	23.7		ug/L		74	49 - 128
N-Nitrosodiphenylamine	32.0	29.6		ug/L		92	53 - 127
Naphthalene	32.0	25.1		ug/L		78	46 - 120
Nitrobenzene	32.0	25.6		ug/L		80	50 - 123
Pentachlorophenol	64.0	60.9		ug/L		95	24 - 124
Phenanthrene	32.0	29.1		ug/L		91	54 - 120
Phenol	32.0	18.6		ug/L		58	10 - 120
Pyrene	32.0	26.9		ug/L		84	53 - 135
3 & 4 Methylphenol	32.0	26.4		ug/L		83	41 - 120

Method: 8270E - Semivolatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: LCS 240-632431/2-A
Matrix: Water
Analysis Batch: 633649

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 632431

Surrogate	LCS %Recovery	LCS Qualifier	Limits
Terphenyl-d14 (Surr)	*79*		*43 - 136*
Phenol-d5 (Surr)	*53*		*10 - 120*
Nitrobenzene-d5 (Surr)	*77*		*40 - 120*
2-Fluorophenol (Surr)	*96*		*10 - 127*
2-Fluorobiphenyl (Surr)	*81*		*41 - 120*
2,4,6-Tribromophenol (Surr)	*113*		*23 - 127*

Lab Sample ID: 240-213578-3 MS
Matrix: Water
Analysis Batch: 633649

Client Sample ID: SB-2-GW-18-28
Prep Type: Total/NA
Prep Batch: 632431

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
1,1'-Biphenyl	ND		32.0	26.0		ug/L		81	39 - 120
bis (2-chloroisopropyl) ether	ND		32.0	21.8		ug/L		68	31 - 120
2,4,5-Trichlorophenol	ND		32.0	30.0		ug/L		94	49 - 120
2,4,6-Trichlorophenol	ND		32.0	29.2		ug/L		91	49 - 120
2,4-Dichlorophenol	ND		32.0	29.3		ug/L		92	54 - 120
2,4-Dimethylphenol	ND		32.0	19.9		ug/L		62	21 - 120
2,4-Dinitrophenol	ND		64.0	35.9		ug/L		56	10 - 140
2,4-Dinitrotoluene	ND		32.0	30.9		ug/L		96	53 - 127
2,6-Dinitrotoluene	ND		32.0	29.6		ug/L		93	54 - 121
2-Chloronaphthalene	ND		32.0	26.1		ug/L		82	34 - 120
2-Chlorophenol	ND		32.0	30.6		ug/L		96	48 - 124
2-Methylnaphthalene	ND		32.0	27.3		ug/L		85	29 - 120
2-Methylphenol	ND		32.0	29.6		ug/L		92	31 - 131
2-Nitroaniline	ND		32.0	26.8		ug/L		84	55 - 124
2-Nitrophenol	ND		32.0	27.8		ug/L		87	51 - 120
3,3'-Dichlorobenzidine	ND		64.0	53.8		ug/L		84	10 - 153
3-Nitroaniline	ND		32.0	29.3		ug/L		92	18 - 155
4,6-Dinitro-2-methylphenol	ND		64.0	42.0		ug/L		66	29 - 131
4-Bromophenyl phenyl ether	ND		32.0	31.7		ug/L		99	45 - 120
4-Chloro-3-methylphenol	ND		32.0	27.6		ug/L		86	53 - 123
4-Chloroaniline	ND		32.0	6.39		ug/L		20	10 - 120
4-Chlorophenyl phenyl ether	ND		32.0	28.9		ug/L		90	45 - 120
4-Nitroaniline	ND		32.0	27.1		ug/L		85	30 - 166
4-Nitrophenol	ND		64.0	52.5		ug/L		82	10 - 123
Acenaphthene	ND		32.0	25.1		ug/L		78	33 - 120
Acenaphthylene	ND		32.0	26.3		ug/L		82	34 - 120
Acetophenone	ND		32.0	30.3		ug/L		95	39 - 126
Anthracene	ND		32.0	29.0		ug/L		91	50 - 120
Atrazine	ND		32.0	31.1		ug/L		97	45 - 137
Benzaldehyde	ND		32.0	26.5		ug/L		83	40 - 158
Benzo[a]anthracene	ND		32.0	26.9		ug/L		84	47 - 131
Benzo[a]pyrene	ND		32.0	29.0		ug/L		91	44 - 120
Benzo[b]fluoranthene	ND		32.0	28.6		ug/L		89	46 - 122
Benzo[g,h,i]perylene	ND		32.0	30.2		ug/L		94	43 - 132
Benzo[k]fluoranthene	ND		32.0	28.8		ug/L		90	47 - 123
Bis(2-chloroethoxy)methane	ND		32.0	25.4		ug/L		79	52 - 120

Method: 8270E - Semivolatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: 240-213578-3 MS
Matrix: Water
Analysis Batch: 633649

Client Sample ID: SB-2-GW-18-28
Prep Type: Total/NA
Prep Batch: 632431

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Bis(2-chloroethyl)ether	ND		32.0	24.5		ug/L		77	43 - 120
Bis(2-ethylhexyl) phthalate	ND		32.0	27.4		ug/L		86	45 - 137
Butyl benzyl phthalate	ND		32.0	26.7		ug/L		83	44 - 139
Caprolactam	ND		32.0	9.55		ug/L		30	10 - 120
Carbazole	ND		32.0	28.9		ug/L		90	46 - 126
Chrysene	ND		32.0	25.9		ug/L		81	44 - 126
Dibenz(a,h)anthracene	ND		32.0	31.1		ug/L		97	45 - 130
Dibenzofuran	ND		32.0	26.3		ug/L		82	44 - 120
Diethyl phthalate	ND		32.0	27.8		ug/L		87	51 - 120
Dimethyl phthalate	ND		32.0	27.9		ug/L		87	36 - 127
Di-n-butyl phthalate	ND		32.0	30.1		ug/L		94	50 - 129
Di-n-octyl phthalate	ND		32.0	24.7		ug/L		77	45 - 128
Fluoranthene	ND		32.0	30.3		ug/L		95	51 - 126
Fluorene	ND		32.0	26.5		ug/L		83	45 - 120
Hexachlorobenzene	ND		32.0	31.8		ug/L		99	46 - 120
Hexachlorobutadiene	ND		32.0	28.8		ug/L		90	10 - 120
Hexachlorocyclopentadiene	ND		32.0	9.96	J	ug/L		31	10 - 120
Hexachloroethane	ND		32.0	24.7		ug/L		77	10 - 120
Indeno[1,2,3-cd]pyrene	ND		32.0	30.5		ug/L		95	43 - 133
Isophorone	ND		32.0	26.7		ug/L		83	52 - 120
N-Nitrosodi-n-propylamine	ND		32.0	25.2		ug/L		79	48 - 120
N-Nitrosodiphenylamine	ND		32.0	28.2		ug/L		88	50 - 120
Naphthalene	ND		32.0	26.0		ug/L		81	29 - 120
Nitrobenzene	ND		32.0	25.9		ug/L		81	48 - 120
Pentachlorophenol	ND		64.0	60.5		ug/L		95	10 - 124
Phenanthrene	ND		32.0	27.8		ug/L		87	48 - 120
Phenol	ND		32.0	26.6		ug/L		83	10 - 134
Pyrene	ND		32.0	24.7		ug/L		77	42 - 138
3 & 4 Methylphenol	ND		32.0	30.5		ug/L		95	23 - 127

Surrogate	*MS %Recovery*	*MS Qualifier*	*Limits*
Terphenyl-d14 (Surr)	*70*		*43 - 136*
Phenol-d5 (Surr)	*78*		*10 - 120*
Nitrobenzene-d5 (Surr)	*73*		*40 - 120*
2-Fluorophenol (Surr)	*117*		*10 - 127*
2-Fluorobiphenyl (Surr)	*79*		*41 - 120*
2,4,6-Tribromophenol (Surr)	*107*		*23 - 127*

Lab Sample ID: 240-213578-3 MSD
Matrix: Water
Analysis Batch: 633649

Client Sample ID: SB-2-GW-18-28
Prep Type: Total/NA
Prep Batch: 632431

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
1,1'-Biphenyl	ND		32.0	25.5		ug/L		80	39 - 120	2	32
bis (2-chloroisopropyl) ether	ND		32.0	20.0		ug/L		63	31 - 120	8	34
2,4,5-Trichlorophenol	ND		32.0	28.9		ug/L		90	49 - 120	4	32
2,4,6-Trichlorophenol	ND		32.0	28.5		ug/L		89	49 - 120	2	31
2,4-Dichlorophenol	ND		32.0	27.9		ug/L		87	54 - 120	5	31

Method: 8270E - Semivolatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: 240-213578-3 MSD
Matrix: Water
Analysis Batch: 633649

Client Sample ID: SB-2-GW-18-28
Prep Type: Total/NA
Prep Batch: 632431

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
2,4-Dimethylphenol	ND		32.0	18.4		ug/L		58	21 - 120	8	35
2,4-Dinitrophenol	ND		64.0	39.5		ug/L		62	10 - 140	9	35
2,4-Dinitrotoluene	ND		32.0	30.3		ug/L		95	53 - 127	2	30
2,6-Dinitrotoluene	ND		32.0	29.2		ug/L		91	54 - 121	1	32
2-Chloronaphthalene	ND		32.0	25.4		ug/L		79	34 - 120	3	34
2-Chlorophenol	ND		32.0	29.2		ug/L		91	48 - 124	5	35
2-Methylnaphthalene	ND		32.0	25.6		ug/L		80	29 - 120	6	34
2-Methylphenol	ND		32.0	28.4		ug/L		89	31 - 131	4	34
2-Nitroaniline	ND		32.0	25.6		ug/L		80	55 - 124	5	32
2-Nitrophenol	ND		32.0	26.7		ug/L		83	51 - 120	4	32
3,3'-Dichlorobenzidine	ND		64.0	52.2		ug/L		82	10 - 153	3	35
3-Nitroaniline	ND		32.0	28.4		ug/L		89	18 - 155	3	35
4,6-Dinitro-2-methylphenol	ND		64.0	45.1		ug/L		71	29 - 131	7	35
4-Bromophenyl phenyl ether	ND		32.0	30.8		ug/L		96	45 - 120	3	33
4-Chloro-3-methylphenol	ND		32.0	25.4		ug/L		79	53 - 123	8	31
4-Chloroaniline	ND		32.0	5.89		ug/L		18	10 - 120	8	35
4-Chlorophenyl phenyl ether	ND		32.0	27.9		ug/L		87	45 - 120	3	32
4-Nitroaniline	ND		32.0	26.9		ug/L		84	30 - 166	1	35
4-Nitrophenol	ND		64.0	52.7		ug/L		82	10 - 123	0	35
Acenaphthene	ND		32.0	24.2		ug/L		76	33 - 120	3	29
Acenaphthylene	ND		32.0	25.7		ug/L		80	34 - 120	2	31
Acetophenone	ND		32.0	29.7		ug/L		93	39 - 126	2	34
Anthracene	ND		32.0	27.9		ug/L		87	50 - 120	4	28
Atrazine	ND		32.0	31.0		ug/L		97	45 - 137	1	35
Benzaldehyde	ND		32.0	26.5		ug/L		83	40 - 158	0	35
Benzo[a]anthracene	ND		32.0	25.7		ug/L		80	47 - 131	4	29
Benzo[a]pyrene	ND		32.0	27.9		ug/L		87	44 - 120	4	28
Benzo[b]fluoranthene	ND		32.0	28.8		ug/L		90	46 - 122	1	30
Benzo[g,h,i]perylene	ND		32.0	29.3		ug/L		92	43 - 132	3	29
Benzo[k]fluoranthene	ND		32.0	26.8		ug/L		84	47 - 123	7	28
Bis(2-chloroethoxy)methane	ND		32.0	23.9		ug/L		75	52 - 120	6	32
Bis(2-chloroethyl)ether	ND		32.0	23.2		ug/L		73	43 - 120	5	35
Bis(2-ethylhexyl) phthalate	ND		32.0	27.2		ug/L		85	45 - 137	1	35
Butyl benzyl phthalate	ND		32.0	25.8		ug/L		81	44 - 139	3	32
Caprolactam	ND		32.0	10.6		ug/L		33	10 - 120	10	35
Carbazole	ND		32.0	27.6		ug/L		86	46 - 126	5	35
Chrysene	ND		32.0	24.8		ug/L		78	44 - 126	4	28
Dibenz(a,h)anthracene	ND		32.0	30.0		ug/L		94	45 - 130	3	28
Dibenzofuran	ND		32.0	25.7		ug/L		80	44 - 120	2	31
Diethyl phthalate	ND		32.0	26.7		ug/L		83	51 - 120	4	30
Dimethyl phthalate	ND		32.0	27.4		ug/L		86	36 - 127	2	31
Di-n-butyl phthalate	ND		32.0	29.2		ug/L		91	50 - 129	3	33
Di-n-octyl phthalate	ND		32.0	23.9		ug/L		75	45 - 128	3	33
Fluoranthene	ND		32.0	29.7		ug/L		93	51 - 126	2	29
Fluorene	ND		32.0	26.0		ug/L		81	45 - 120	2	29
Hexachlorobenzene	ND		32.0	30.1		ug/L		94	46 - 120	5	32
Hexachlorobutadiene	ND		32.0	26.7		ug/L		83	10 - 120	7	35
Hexachlorocyclopentadiene	ND		32.0	9.60	J	ug/L		30	10 - 120	4	35
Hexachloroethane	ND		32.0	23.0		ug/L		72	10 - 120	7	35

Method: 8270E - Semivolatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: 240-213578-3 MSD
Matrix: Water
Analysis Batch: 633649

Client Sample ID: SB-2-GW-18-28
Prep Type: Total/NA
Prep Batch: 632431

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Indeno[1,2,3-cd]pyrene	ND		32.0	29.5		ug/L		92	43 - 133	3	28
Isophorone	ND		32.0	25.1		ug/L		78	52 - 120	6	31
N-Nitrosodi-n-propylamine	ND		32.0	25.0		ug/L		78	48 - 120	1	33
N-Nitrosodiphenylamine	ND		32.0	27.0		ug/L		84	50 - 120	4	31
Naphthalene	ND		32.0	24.7		ug/L		77	29 - 120	5	35
Nitrobenzene	ND		32.0	24.5		ug/L		77	48 - 120	6	31
Pentachlorophenol	ND		64.0	57.4		ug/L		90	10 - 124	5	35
Phenanthrene	ND		32.0	26.7		ug/L		83	48 - 120	4	29
Phenol	ND		32.0	27.5		ug/L		86	10 - 134	3	35
Pyrene	ND		32.0	24.0		ug/L		75	42 - 138	3	28
3 & 4 Methylphenol	ND		32.0	30.1		ug/L		94	23 - 127	1	34

Surrogate	*MSD %Recovery*	*MSD Qualifier*	*Limits*
Terphenyl-d14 (Surr)	*64*		*43 - 136*
Phenol-d5 (Surr)	*77*		*10 - 120*
Nitrobenzene-d5 (Surr)	*67*		*40 - 120*
2-Fluorophenol (Surr)	*109*		*10 - 127*
2-Fluorobiphenyl (Surr)	*75*		*41 - 120*
2,4,6-Tribromophenol (Surr)	*103*		*23 - 127*

Method: 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Lab Sample ID: MB 240-632423/1-A
Matrix: Water
Analysis Batch: 632771

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 632423

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aroclor-1016	ND		0.10	0.056	ug/L		10/25/24 08:42	10/28/24 14:46	1
Aroclor-1221	ND		0.10	0.057	ug/L		10/25/24 08:42	10/28/24 14:46	1
Aroclor-1232	ND		0.10	0.074	ug/L		10/25/24 08:42	10/28/24 14:46	1
Aroclor-1242	ND		0.10	0.076	ug/L		10/25/24 08:42	10/28/24 14:46	1
Aroclor-1248	ND		0.10	0.050	ug/L		10/25/24 08:42	10/28/24 14:46	1
Aroclor-1254	ND		0.10	0.040	ug/L		10/25/24 08:42	10/28/24 14:46	1
Aroclor-1260	ND		0.10	0.046	ug/L		10/25/24 08:42	10/28/24 14:46	1
Aroclor-1262	ND		0.10	0.058	ug/L		10/25/24 08:42	10/28/24 14:46	1
Aroclor-1268	ND		0.10	0.062	ug/L		10/25/24 08:42	10/28/24 14:46	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Tetrachloro-m-xylene	*45*		*10 - 149*	*10/25/24 08:42*	*10/28/24 14:46*	*1*
DCB Decachlorobiphenyl	*74*		*10 - 174*	*10/25/24 08:42*	*10/28/24 14:46*	*1*

Lab Sample ID: LCS 240-632423/2-A
Matrix: Water
Analysis Batch: 632771

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 632423

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
Aroclor-1016			2.50	2.25		ug/L		90	28 - 140		
Aroclor-1260			2.50	2.36		ug/L		95	39 - 153		

Method: 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography (Continued)

Lab Sample ID: LCS 240-632423/2-A
Matrix: Water
Analysis Batch: 632771

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 632423

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
Tetrachloro-m-xylene	*84*		*10 - 149*
DCB Decachlorobiphenyl	*78*		*10 - 174*

Lab Sample ID: 240-213578-3 MS
Matrix: Water
Analysis Batch: 632771

Client Sample ID: SB-2-GW-18-28
Prep Type: Total/NA
Prep Batch: 632423

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits		
Aroclor-1016	ND		2.38	1.61		ug/L		68	50 - 120		
Aroclor-1260	ND		2.38	1.10		ug/L		46	39 - 135		

Surrogate	*MS %Recovery*	*MS Qualifier*	*Limits*
Tetrachloro-m-xylene	*55*		*10 - 149*
DCB Decachlorobiphenyl	*22*		*10 - 174*

Lab Sample ID: 240-213578-3 MSD
Matrix: Water
Analysis Batch: 632771

Client Sample ID: SB-2-GW-18-28
Prep Type: Total/NA
Prep Batch: 632423

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Aroclor-1016	ND		2.38	1.67		ug/L		70	50 - 120	4	25
Aroclor-1260	ND		2.38	1.20		ug/L		50	39 - 135	8	26

Surrogate	*MSD %Recovery*	*MSD Qualifier*	*Limits*
Tetrachloro-m-xylene	*57*		*10 - 149*
DCB Decachlorobiphenyl	*23*		*10 - 174*

Method: 6010D - Metals (ICP)

Lab Sample ID: MB 240-632265/1-A
Matrix: Water
Analysis Batch: 632536

Client Sample ID: Method Blank
Prep Type: Total Recoverable
Prep Batch: 632265

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	ND		15	4.1	ug/L		10/24/24 14:00	10/25/24 15:05	1
Barium	ND		200	1.3	ug/L		10/24/24 14:00	10/25/24 15:05	1
Cadmium	ND		5.0	0.45	ug/L		10/24/24 14:00	10/25/24 15:05	1
Chromium	ND		10	0.76	ug/L		10/24/24 14:00	10/25/24 15:05	1
Copper	ND		25	3.5	ug/L		10/24/24 14:00	10/25/24 15:05	1
Lead	ND		10	2.8	ug/L		10/24/24 14:00	10/25/24 15:05	1
Selenium	ND		20	6.0	ug/L		10/24/24 14:00	10/25/24 15:05	1
Silver	ND		10	1.4	ug/L		10/24/24 14:00	10/25/24 15:05	1
Zinc	ND		50	23	ug/L		10/24/24 14:00	10/25/24 15:05	1

Method: 6010D - Metals (ICP) (Continued)

Lab Sample ID: LCS 240-632265/2-A
Matrix: Water
Analysis Batch: 632536

Client Sample ID: Lab Control Sample
Prep Type: Total Recoverable
Prep Batch: 632265

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Arsenic	2000	2090		ug/L		105	80 - 120
Barium	2000	1990		ug/L		99	80 - 120
Cadmium	1000	1020		ug/L		102	80 - 120
Chromium	1000	997		ug/L		100	80 - 120
Copper	1000	969		ug/L		97	80 - 120
Lead	1000	950		ug/L		95	80 - 120
Selenium	2000	2090		ug/L		104	80 - 120
Silver	100	95.4		ug/L		95	80 - 120
Zinc	1000	1020		ug/L		102	80 - 120

Lab Sample ID: 240-213578-3 MS
Matrix: Water
Analysis Batch: 632536

Client Sample ID: SB-2-GW-18-28
Prep Type: Total Recoverable
Prep Batch: 632265

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Arsenic	140		2000	2130		ug/L		100	75 - 125
Barium	190	J	2000	2170		ug/L		99	75 - 125
Cadmium	0.95	J	1000	967		ug/L		97	75 - 125
Chromium	83		1000	1040		ug/L		96	75 - 125
Copper	140		1000	1060		ug/L		92	75 - 125
Lead	83		1000	945		ug/L		86	75 - 125
Selenium	ND		2000	1960		ug/L		98	75 - 125
Silver	ND		100	91.3		ug/L		91	75 - 125
Zinc	380		1000	1410		ug/L		103	75 - 125

Lab Sample ID: 240-213578-3 MSD
Matrix: Water
Analysis Batch: 632536

Client Sample ID: SB-2-GW-18-28
Prep Type: Total Recoverable
Prep Batch: 632265

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Arsenic	140		2000	2160		ug/L		101	75 - 125	1	20
Barium	190	J	2000	2190		ug/L		100	75 - 125	1	20
Cadmium	0.95	J	1000	979		ug/L		98	75 - 125	1	20
Chromium	83		1000	1050		ug/L		96	75 - 125	0	20
Copper	140		1000	1070		ug/L		93	75 - 125	1	20
Lead	83		1000	950		ug/L		87	75 - 125	1	20
Selenium	ND		2000	1990		ug/L		100	75 - 125	2	20
Silver	ND		100	91.6		ug/L		92	75 - 125	0	20
Zinc	380		1000	1420		ug/L		104	75 - 125	1	20

Lab Sample ID: MB 240-632474/1-A
Matrix: Water
Analysis Batch: 632866

Client Sample ID: Method Blank
Prep Type: Total Recoverable
Prep Batch: 632474

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	ND		15	4.1	ug/L		10/25/24 14:00	10/28/24 19:12	1
Barium	ND		200	1.3	ug/L		10/25/24 14:00	10/28/24 19:12	1
Cadmium	ND		5.0	0.45	ug/L		10/25/24 14:00	10/28/24 19:12	1
Chromium	ND		10	0.76	ug/L		10/25/24 14:00	10/28/24 19:12	1

Method: 6010D - Metals (ICP) (Continued)

Lab Sample ID: MB 240-632474/1-A
Matrix: Water
Analysis Batch: 632866

Client Sample ID: Method Blank
Prep Type: Total Recoverable
Prep Batch: 632474

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Copper	ND		25	3.5	ug/L		10/25/24 14:00	10/28/24 19:12	1
Lead	ND		10	2.8	ug/L		10/25/24 14:00	10/28/24 19:12	1
Selenium	ND		20	6.0	ug/L		10/25/24 14:00	10/28/24 19:12	1
Silver	1.54	J	10	1.4	ug/L		10/25/24 14:00	10/28/24 19:12	1
Zinc	ND		50	23	ug/L		10/25/24 14:00	10/28/24 19:12	1

Lab Sample ID: LCS 240-632474/2-A
Matrix: Water
Analysis Batch: 632866

Client Sample ID: Lab Control Sample
Prep Type: Total Recoverable
Prep Batch: 632474

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Arsenic	2000	2080		ug/L		104	80 - 120
Barium	2000	1860		ug/L		93	80 - 120
Cadmium	1000	1020		ug/L		102	80 - 120
Chromium	1000	909		ug/L		91	80 - 120
Copper	1000	965		ug/L		97	80 - 120
Lead	1000	937		ug/L		94	80 - 120
Selenium	2000	2110		ug/L		105	80 - 120
Silver	100	96.8		ug/L		97	80 - 120
Zinc	1000	1010		ug/L		101	80 - 120

Lab Sample ID: MB 240-632719/1-A
Matrix: Water
Analysis Batch: 633175

Client Sample ID: Method Blank
Prep Type: Total Recoverable
Prep Batch: 632719

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	ND		15	4.1	ug/L		10/29/24 06:00	10/31/24 07:18	1
Barium	ND		200	1.3	ug/L		10/29/24 06:00	10/31/24 07:18	1
Cadmium	ND		5.0	0.45	ug/L		10/29/24 06:00	10/31/24 07:18	1
Chromium	ND		10	0.76	ug/L		10/29/24 06:00	10/31/24 07:18	1
Copper	ND		25	3.5	ug/L		10/29/24 06:00	10/31/24 07:18	1
Lead	ND		10	2.8	ug/L		10/29/24 06:00	10/31/24 07:18	1
Selenium	ND		20	6.0	ug/L		10/29/24 06:00	10/31/24 07:18	1
Silver	ND		10	1.4	ug/L		10/29/24 06:00	10/31/24 07:18	1
Zinc	ND		50	23	ug/L		10/29/24 06:00	10/31/24 07:18	1

Lab Sample ID: LCS 240-632719/2-A
Matrix: Water
Analysis Batch: 633175

Client Sample ID: Lab Control Sample
Prep Type: Total Recoverable
Prep Batch: 632719

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Arsenic	2000	2030		ug/L		102	80 - 120
Barium	2000	1930		ug/L		96	80 - 120
Cadmium	1000	996		ug/L		100	80 - 120
Chromium	1000	985		ug/L		99	80 - 120
Copper	1000	944		ug/L		94	80 - 120
Lead	1000	911		ug/L		91	80 - 120
Selenium	2000	2030		ug/L		101	80 - 120
Silver	100	94.1		ug/L		94	80 - 120

Method: 6010D - Metals (ICP) (Continued)

Lab Sample ID: LCS 240-632719/2-A
Matrix: Water
Analysis Batch: 633175

Client Sample ID: Lab Control Sample
Prep Type: Total Recoverable
Prep Batch: 632719

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
Zinc			1000	990		ug/L		99	80 - 120		

Lab Sample ID: 240-213578-3 MS
Matrix: Water
Analysis Batch: 632536

Client Sample ID: SB-2-GW-18-28
Prep Type: Dissolved
Prep Batch: 632265

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Arsenic	37		2000	2180		ug/L		107	75 - 125
Barium	36	J	2000	2060		ug/L		101	75 - 125
Cadmium	ND		1000	1030		ug/L		103	75 - 125
Chromium	ND		1000	1000		ug/L		100	75 - 125
Copper	ND		1000	973		ug/L		97	75 - 125
Lead	ND		1000	943		ug/L		94	75 - 125
Selenium	ND		2000	2100		ug/L		105	75 - 125
Silver	ND		100	97.3		ug/L		97	75 - 125
Zinc	ND		1000	1040		ug/L		104	75 - 125

Lab Sample ID: 240-213578-3 MSD
Matrix: Water
Analysis Batch: 632536

Client Sample ID: SB-2-GW-18-28
Prep Type: Dissolved
Prep Batch: 632265

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Arsenic	37		2000	2130		ug/L		104	75 - 125	3	20
Barium	36	J	2000	2010		ug/L		99	75 - 125	2	20
Cadmium	ND		1000	1000		ug/L		100	75 - 125	2	20
Chromium	ND		1000	975		ug/L		97	75 - 125	3	20
Copper	ND		1000	948		ug/L		95	75 - 125	3	20
Lead	ND		1000	918		ug/L		92	75 - 125	3	20
Selenium	ND		2000	2070		ug/L		103	75 - 125	2	20
Silver	ND		100	95.0		ug/L		95	75 - 125	2	20
Zinc	ND		1000	1020		ug/L		102	75 - 125	2	20

Method: 7470A - Mercury (CVAA)

Lab Sample ID: MB 240-632272/1-A
Matrix: Water
Analysis Batch: 632558

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 632272

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	ND		0.20	0.13	ug/L		10/24/24 14:00	10/25/24 13:08	1

Lab Sample ID: LCS 240-632272/2-A
Matrix: Water
Analysis Batch: 632558

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 632272

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
Mercury			5.00	4.73		ug/L		95	80 - 120		

Method: 7470A - Mercury (CVAA) (Continued)

Lab Sample ID: 240-213578-3 MS
Matrix: Water
Analysis Batch: 632558

Client Sample ID: SB-2-GW-18-28
Prep Type: Total/NA
Prep Batch: 632272

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Mercury	ND		1.00	1.17		ug/L		117	80 - 120

Lab Sample ID: 240-213578-3 MSD
Matrix: Water
Analysis Batch: 632558

Client Sample ID: SB-2-GW-18-28
Prep Type: Total/NA
Prep Batch: 632272

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Mercury	ND		1.00	1.12		ug/L		112	80 - 120	5	20

Lab Sample ID: MB 240-632480/1-A
Matrix: Water
Analysis Batch: 632913

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 632480

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	ND		0.20	0.13	ug/L		10/25/24 14:00	10/28/24 16:20	1

Lab Sample ID: LCS 240-632480/2-A
Matrix: Water
Analysis Batch: 632913

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 632480

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Mercury	5.00	4.61		ug/L		92	80 - 120

Lab Sample ID: 240-213578-3 MS
Matrix: Water
Analysis Batch: 632558

Client Sample ID: SB-2-GW-18-28
Prep Type: Dissolved
Prep Batch: 632272

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Mercury	ND		1.00	1.11		ug/L		111	80 - 120

Lab Sample ID: 240-213578-3 MSD
Matrix: Water
Analysis Batch: 632558

Client Sample ID: SB-2-GW-18-28
Prep Type: Dissolved
Prep Batch: 632272

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Mercury	ND		1.00	1.16		ug/L		116	80 - 120	4	20

Method: 7196A - Chromium, Hexavalent

Lab Sample ID: MB 240-632060/3
Matrix: Water
Analysis Batch: 632060

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chromium, hexavalent	ND		0.020	0.0070	mg/L			10/23/24 12:43	1

Method: 7196A - Chromium, Hexavalent (Continued)

Lab Sample ID: MB 240-632060/60
Matrix: Water
Analysis Batch: 632060

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chromium, hexavalent	ND		0.020	0.0070	mg/L			10/23/24 17:52	1

Lab Sample ID: LCS 240-632060/4
Matrix: Water
Analysis Batch: 632060

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Chromium, hexavalent	0.250	0.258		mg/L		103	85 - 115

Lab Sample ID: LCS 240-632060/61
Matrix: Water
Analysis Batch: 632060

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Chromium, hexavalent	0.250	0.234		mg/L		94	85 - 115

Lab Sample ID: MB 240-632470/3
Matrix: Water
Analysis Batch: 632470

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chromium, hexavalent	ND		0.020	0.0070	mg/L			10/25/24 09:52	1

Lab Sample ID: LCS 240-632470/4
Matrix: Water
Analysis Batch: 632470

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Chromium, hexavalent	0.250	0.252		mg/L		101	85 - 115

Lab Sample ID: 240-213578-3 MS
Matrix: Water
Analysis Batch: 632470

Client Sample ID: SB-2-GW-18-28
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Chromium, hexavalent	ND	H F2 F1	2.50	3.02	H F1	mg/L		121	85 - 115

Lab Sample ID: 240-213578-3 MS
Matrix: Water
Analysis Batch: 632470

Client Sample ID: SB-2-GW-18-28
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Chromium, hexavalent	ND	H F2 F1	0.250	0.302	H F1	mg/L		121	85 - 115

Lab Sample ID: 240-213578-3 MS
Matrix: Water
Analysis Batch: 632470

Client Sample ID: SB-2-GW-18-28
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Chromium, hexavalent	0.71	H	6.25	6.04	H	mg/L		85	85 - 115

Method: 7196A - Chromium, Hexavalent

Lab Sample ID: 240-213578-3 MSD
Matrix: Water
Analysis Batch: 632470

Client Sample ID: SB-2-GW-18-28
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Chromium, hexavalent	ND	H F2 F1	0.250	0.230	H F2	mg/L		92	85 - 115	27	20

Lab Sample ID: 240-213578-3 MSD
Matrix: Water
Analysis Batch: 632470

Client Sample ID: SB-2-GW-18-28
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Chromium, hexavalent	ND	H F2 F1	2.50	2.40	H F2	mg/L		96	85 - 115	155	20

Lab Sample ID: 240-213578-3 MSD
Matrix: Water
Analysis Batch: 632470

Client Sample ID: SB-2-GW-18-28
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Chromium, hexavalent	0.71	H	6.25	6.74	H	mg/L		97	85 - 115	11	20

Lab Sample ID: 240-213578-3 MS
Matrix: Water
Analysis Batch: 632060

Client Sample ID: SB-2-GW-18-28
Prep Type: Dissolved

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Chromium, hexavalent	ND		0.250	0.238		mg/L		95	85 - 115

Lab Sample ID: 240-213578-3 MSD
Matrix: Water
Analysis Batch: 632060

Client Sample ID: SB-2-GW-18-28
Prep Type: Dissolved

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Chromium, hexavalent	ND		0.250	0.238		mg/L		95	85 - 115	0	20

Method: 9012B - Cyanide, Total andor Amenable

Lab Sample ID: MB 240-633093/1-A
Matrix: Water
Analysis Batch: 633158

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 633093

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cyanide, Total	ND		0.010	0.0060	mg/L		10/30/24 08:38	10/30/24 09:53	1

Lab Sample ID: LCS 240-633093/2-A
Matrix: Water
Analysis Batch: 633158

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 633093

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Cyanide, Total	0.327	0.333		mg/L		102	85 - 115

Method: 9012B - Cyanide, Total andor Amenable (Continued)

Lab Sample ID: 240-213578-3 MS
Matrix: Water
Analysis Batch: 633158

Client Sample ID: SB-2-GW-18-28
Prep Type: Total/NA
Prep Batch: 633093

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Cyanide, Total	ND		0.0400	0.0346		mg/L		87	22 - 135

Lab Sample ID: 240-213578-3 MSD
Matrix: Water
Analysis Batch: 633158

Client Sample ID: SB-2-GW-18-28
Prep Type: Total/NA
Prep Batch: 633093

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Cyanide, Total	ND		0.0400	0.0374		mg/L		94	22 - 135	8	40

Lab Sample ID: MRL 240-633158/10
Matrix: Water
Analysis Batch: 633158

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	MRL Result	MRL Qualifier	Unit	D	%Rec	%Rec Limits
Cyanide, Total	0.0100	0.0120		mg/L		120	70 - 130

Method: OIA-1677 - Cyanide, Free (Flow Injection)

Lab Sample ID: MB 410-571173/17
Matrix: Water
Analysis Batch: 571173

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cyanide, Free	ND		0.0060	0.0050	mg/L			11/04/24 14:19	1

Lab Sample ID: LCS 410-571173/16
Matrix: Water
Analysis Batch: 571173

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Cyanide, Free	0.0500	0.0455		mg/L		91	82 - 132

Lab Sample ID: 240-213578-3 MS
Matrix: Water
Analysis Batch: 571173

Client Sample ID: SB-2-GW-18-28
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Cyanide, Free	ND		0.0500	0.0537		mg/L		107	82 - 130

Lab Sample ID: 240-213578-3 MSD
Matrix: Water
Analysis Batch: 571173

Client Sample ID: SB-2-GW-18-28
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Cyanide, Free	ND		0.0500	0.0539		mg/L		108	82 - 130	0	11

GC/MS VOA

Analysis Batch: 633654

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
240-213578-1	SB-7-GW-18-28	Total/NA	Water	8260D	
240-213578-2	SB-4-GW-18-28	Total/NA	Water	8260D	
240-213578-3	SB-2-GW-18-28	Total/NA	Water	8260D	
240-213578-4	DUP-2	Total/NA	Water	8260D	
240-213578-5	DUP-3	Total/NA	Water	8260D	
240-213578-6	SB-6-GW-18-28	Total/NA	Water	8260D	
240-213578-7	TB-1-20241023	Total/NA	Water	8260D	
240-213578-8	TB-2-20241023	Total/NA	Water	8260D	
240-213578-9	TB-3-20241023	Total/NA	Water	8260D	
MB 240-633654/7	Method Blank	Total/NA	Water	8260D	
LCS 240-633654/4	Lab Control Sample	Total/NA	Water	8260D	
240-213578-3 MS	SB-2-GW-18-28	Total/NA	Water	8260D	
240-213578-3 MSD	SB-2-GW-18-28	Total/NA	Water	8260D	

GC/MS Semi VOA

Prep Batch: 632431

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
240-213578-1	SB-7-GW-18-28	Total/NA	Water	3510C LVI	
240-213578-2	SB-4-GW-18-28	Total/NA	Water	3510C LVI	
240-213578-3	SB-2-GW-18-28	Total/NA	Water	3510C LVI	
240-213578-4	DUP-2	Total/NA	Water	3510C LVI	
240-213578-5	DUP-3	Total/NA	Water	3510C LVI	
240-213578-6	SB-6-GW-18-28	Total/NA	Water	3510C LVI	
MB 240-632431/1-A	Method Blank	Total/NA	Water	3510C LVI	
LCS 240-632431/2-A	Lab Control Sample	Total/NA	Water	3510C LVI	
240-213578-3 MS	SB-2-GW-18-28	Total/NA	Water	3510C LVI	
240-213578-3 MSD	SB-2-GW-18-28	Total/NA	Water	3510C LVI	

Analysis Batch: 633649

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
240-213578-1	SB-7-GW-18-28	Total/NA	Water	8270E	632431
240-213578-2	SB-4-GW-18-28	Total/NA	Water	8270E	632431
240-213578-3	SB-2-GW-18-28	Total/NA	Water	8270E	632431
240-213578-4	DUP-2	Total/NA	Water	8270E	632431
240-213578-5	DUP-3	Total/NA	Water	8270E	632431
240-213578-6	SB-6-GW-18-28	Total/NA	Water	8270E	632431
MB 240-632431/1-A	Method Blank	Total/NA	Water	8270E	632431
LCS 240-632431/2-A	Lab Control Sample	Total/NA	Water	8270E	632431
240-213578-3 MS	SB-2-GW-18-28	Total/NA	Water	8270E	632431
240-213578-3 MSD	SB-2-GW-18-28	Total/NA	Water	8270E	632431

GC Semi VOA

Prep Batch: 632423

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
240-213578-1	SB-7-GW-18-28	Total/NA	Water	3510C	
240-213578-2	SB-4-GW-18-28	Total/NA	Water	3510C	
240-213578-3	SB-2-GW-18-28	Total/NA	Water	3510C	
240-213578-4	DUP-2	Total/NA	Water	3510C	
240-213578-5	DUP-3	Total/NA	Water	3510C	
240-213578-6	SB-6-GW-18-28	Total/NA	Water	3510C	

GC Semi VOA (Continued)

Prep Batch: 632423 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
MB 240-632423/1-A	Method Blank	Total/NA	Water	3510C	
LCS 240-632423/2-A	Lab Control Sample	Total/NA	Water	3510C	
240-213578-3 MS	SB-2-GW-18-28	Total/NA	Water	3510C	
240-213578-3 MSD	SB-2-GW-18-28	Total/NA	Water	3510C	

Analysis Batch: 632771

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
240-213578-1	SB-7-GW-18-28	Total/NA	Water	8082A	632423
240-213578-2	SB-4-GW-18-28	Total/NA	Water	8082A	632423
240-213578-3	SB-2-GW-18-28	Total/NA	Water	8082A	632423
240-213578-4	DUP-2	Total/NA	Water	8082A	632423
240-213578-5	DUP-3	Total/NA	Water	8082A	632423
240-213578-6	SB-6-GW-18-28	Total/NA	Water	8082A	632423
MB 240-632423/1-A	Method Blank	Total/NA	Water	8082A	632423
LCS 240-632423/2-A	Lab Control Sample	Total/NA	Water	8082A	632423
240-213578-3 MS	SB-2-GW-18-28	Total/NA	Water	8082A	632423
240-213578-3 MSD	SB-2-GW-18-28	Total/NA	Water	8082A	632423

Metals

Prep Batch: 632265

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
240-213578-1	SB-7-GW-18-28	Dissolved	Water	3005A	
240-213578-1	SB-7-GW-18-28	Total Recoverable	Water	3005A	
240-213578-2	SB-4-GW-18-28	Dissolved	Water	3005A	
240-213578-3	SB-2-GW-18-28	Dissolved	Water	3005A	
240-213578-3	SB-2-GW-18-28	Total Recoverable	Water	3005A	
240-213578-4	DUP-2	Dissolved	Water	3005A	
240-213578-4	DUP-2	Total Recoverable	Water	3005A	
240-213578-5	DUP-3	Dissolved	Water	3005A	
240-213578-6	SB-6-GW-18-28	Dissolved	Water	3005A	
MB 240-632265/1-A	Method Blank	Total Recoverable	Water	3005A	
LCS 240-632265/2-A	Lab Control Sample	Total Recoverable	Water	3005A	
240-213578-3 MS	SB-2-GW-18-28	Dissolved	Water	3005A	
240-213578-3 MS	SB-2-GW-18-28	Total Recoverable	Water	3005A	
240-213578-3 MSD	SB-2-GW-18-28	Dissolved	Water	3005A	
240-213578-3 MSD	SB-2-GW-18-28	Total Recoverable	Water	3005A	

Prep Batch: 632272

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
240-213578-1	SB-7-GW-18-28	Dissolved	Water	7470A	
240-213578-1	SB-7-GW-18-28	Total/NA	Water	7470A	
240-213578-2	SB-4-GW-18-28	Dissolved	Water	7470A	
240-213578-3	SB-2-GW-18-28	Dissolved	Water	7470A	
240-213578-3	SB-2-GW-18-28	Total/NA	Water	7470A	
240-213578-4	DUP-2	Dissolved	Water	7470A	
240-213578-4	DUP-2	Total/NA	Water	7470A	
240-213578-5	DUP-3	Dissolved	Water	7470A	
240-213578-6	SB-6-GW-18-28	Dissolved	Water	7470A	
MB 240-632272/1-A	Method Blank	Total/NA	Water	7470A	
LCS 240-632272/2-A	Lab Control Sample	Total/NA	Water	7470A	

Metals (Continued)

Prep Batch: 632272 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
240-213578-3 MS	SB-2-GW-18-28	Dissolved	Water	7470A	
240-213578-3 MS	SB-2-GW-18-28	Total/NA	Water	7470A	
240-213578-3 MSD	SB-2-GW-18-28	Dissolved	Water	7470A	
240-213578-3 MSD	SB-2-GW-18-28	Total/NA	Water	7470A	

Prep Batch: 632474

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
240-213578-2	SB-4-GW-18-28	Total Recoverable	Water	3005A	
240-213578-5	DUP-3	Total Recoverable	Water	3005A	
MB 240-632474/1-A	Method Blank	Total Recoverable	Water	3005A	
LCS 240-632474/2-A	Lab Control Sample	Total Recoverable	Water	3005A	

Prep Batch: 632480

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
240-213578-2	SB-4-GW-18-28	Total/NA	Water	7470A	
240-213578-5	DUP-3	Total/NA	Water	7470A	
240-213578-6	SB-6-GW-18-28	Total/NA	Water	7470A	
MB 240-632480/1-A	Method Blank	Total/NA	Water	7470A	
LCS 240-632480/2-A	Lab Control Sample	Total/NA	Water	7470A	

Analysis Batch: 632536

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
240-213578-1	SB-7-GW-18-28	Dissolved	Water	6010D	632265
240-213578-1	SB-7-GW-18-28	Total Recoverable	Water	6010D	632265
240-213578-2	SB-4-GW-18-28	Dissolved	Water	6010D	632265
240-213578-3	SB-2-GW-18-28	Dissolved	Water	6010D	632265
240-213578-3	SB-2-GW-18-28	Total Recoverable	Water	6010D	632265
240-213578-4	DUP-2	Dissolved	Water	6010D	632265
240-213578-4	DUP-2	Total Recoverable	Water	6010D	632265
240-213578-5	DUP-3	Dissolved	Water	6010D	632265
240-213578-6	SB-6-GW-18-28	Dissolved	Water	6010D	632265
MB 240-632265/1-A	Method Blank	Total Recoverable	Water	6010D	632265
LCS 240-632265/2-A	Lab Control Sample	Total Recoverable	Water	6010D	632265
240-213578-3 MS	SB-2-GW-18-28	Dissolved	Water	6010D	632265
240-213578-3 MS	SB-2-GW-18-28	Total Recoverable	Water	6010D	632265
240-213578-3 MSD	SB-2-GW-18-28	Dissolved	Water	6010D	632265
240-213578-3 MSD	SB-2-GW-18-28	Total Recoverable	Water	6010D	632265

Analysis Batch: 632558

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
240-213578-1	SB-7-GW-18-28	Dissolved	Water	7470A	632272
240-213578-1	SB-7-GW-18-28	Total/NA	Water	7470A	632272
240-213578-2	SB-4-GW-18-28	Dissolved	Water	7470A	632272
240-213578-3	SB-2-GW-18-28	Dissolved	Water	7470A	632272
240-213578-3	SB-2-GW-18-28	Total/NA	Water	7470A	632272
240-213578-4	DUP-2	Dissolved	Water	7470A	632272
240-213578-4	DUP-2	Total/NA	Water	7470A	632272
240-213578-5	DUP-3	Dissolved	Water	7470A	632272
240-213578-6	SB-6-GW-18-28	Dissolved	Water	7470A	632272
MB 240-632272/1-A	Method Blank	Total/NA	Water	7470A	632272
LCS 240-632272/2-A	Lab Control Sample	Total/NA	Water	7470A	632272

Metals (Continued)

Analysis Batch: 632558 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
240-213578-3 MS	SB-2-GW-18-28	Dissolved	Water	7470A	632272
240-213578-3 MS	SB-2-GW-18-28	Total/NA	Water	7470A	632272
240-213578-3 MSD	SB-2-GW-18-28	Dissolved	Water	7470A	632272
240-213578-3 MSD	SB-2-GW-18-28	Total/NA	Water	7470A	632272

Prep Batch: 632719

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
240-213578-6	SB-6-GW-18-28	Total Recoverable	Water	3005A	
MB 240-632719/1-A	Method Blank	Total Recoverable	Water	3005A	
LCS 240-632719/2-A	Lab Control Sample	Total Recoverable	Water	3005A	

Analysis Batch: 632866

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
240-213578-2	SB-4-GW-18-28	Total Recoverable	Water	6010D	632474
240-213578-2	SB-4-GW-18-28	Total Recoverable	Water	6010D	632474
240-213578-5	DUP-3	Total Recoverable	Water	6010D	632474
240-213578-5	DUP-3	Total Recoverable	Water	6010D	632474
MB 240-632474/1-A	Method Blank	Total Recoverable	Water	6010D	632474
LCS 240-632474/2-A	Lab Control Sample	Total Recoverable	Water	6010D	632474

Analysis Batch: 632913

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
240-213578-2	SB-4-GW-18-28	Total/NA	Water	7470A	632480
240-213578-5	DUP-3	Total/NA	Water	7470A	632480
240-213578-6	SB-6-GW-18-28	Total/NA	Water	7470A	632480
MB 240-632480/1-A	Method Blank	Total/NA	Water	7470A	632480
LCS 240-632480/2-A	Lab Control Sample	Total/NA	Water	7470A	632480

Analysis Batch: 633175

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
240-213578-6	SB-6-GW-18-28	Total Recoverable	Water	6010D	632719
MB 240-632719/1-A	Method Blank	Total Recoverable	Water	6010D	632719
LCS 240-632719/2-A	Lab Control Sample	Total Recoverable	Water	6010D	632719

Analysis Batch: 633332

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
240-213578-2	SB-4-GW-18-28	Total Recoverable	Water	6010D	632474
240-213578-5	DUP-3	Total Recoverable	Water	6010D	632474

Analysis Batch: 633440

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
240-213578-6	SB-6-GW-18-28	Total Recoverable	Water	6010D	632719

General Chemistry

Analysis Batch: 571173

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
240-213578-1	SB-7-GW-18-28	Total/NA	Water	OIA-1677	
240-213578-2	SB-4-GW-18-28	Total/NA	Water	OIA-1677	
240-213578-3	SB-2-GW-18-28	Total/NA	Water	OIA-1677	
240-213578-4	DUP-2	Total/NA	Water	OIA-1677	

General Chemistry (Continued)

Analysis Batch: 571173 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
240-213578-5	DUP-3	Total/NA	Water	OIA-1677	
240-213578-6	SB-6-GW-18-28	Total/NA	Water	OIA-1677	
MB 410-571173/17	Method Blank	Total/NA	Water	OIA-1677	
LCS 410-571173/16	Lab Control Sample	Total/NA	Water	OIA-1677	
240-213578-3 MS	SB-2-GW-18-28	Total/NA	Water	OIA-1677	
240-213578-3 MSD	SB-2-GW-18-28	Total/NA	Water	OIA-1677	

Analysis Batch: 632060

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
240-213578-1	SB-7-GW-18-28	Dissolved	Water	7196A	
240-213578-1	SB-7-GW-18-28	Total/NA	Water	7196A	
240-213578-2	SB-4-GW-18-28	Dissolved	Water	7196A	
240-213578-2	SB-4-GW-18-28	Total/NA	Water	7196A	
240-213578-3	SB-2-GW-18-28	Dissolved	Water	7196A	
240-213578-3	SB-2-GW-18-28	Total/NA	Water	7196A	
240-213578-4	DUP-2	Dissolved	Water	7196A	
240-213578-4	DUP-2	Total/NA	Water	7196A	
240-213578-5	DUP-3	Dissolved	Water	7196A	
240-213578-5	DUP-3	Total/NA	Water	7196A	
240-213578-6	SB-6-GW-18-28	Dissolved	Water	7196A	
240-213578-6	SB-6-GW-18-28	Total/NA	Water	7196A	
MB 240-632060/3	Method Blank	Total/NA	Water	7196A	
MB 240-632060/60	Method Blank	Total/NA	Water	7196A	
LCS 240-632060/4	Lab Control Sample	Total/NA	Water	7196A	
LCS 240-632060/61	Lab Control Sample	Total/NA	Water	7196A	
240-213578-3 MS	SB-2-GW-18-28	Dissolved	Water	7196A	
240-213578-3 MSD	SB-2-GW-18-28	Dissolved	Water	7196A	

Analysis Batch: 632470

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
240-213578-3	SB-2-GW-18-28	Total/NA	Water	7196A	
240-213578-3	SB-2-GW-18-28	Total/NA	Water	7196A	
240-213578-3	SB-2-GW-18-28	Total/NA	Water	7196A	
MB 240-632470/3	Method Blank	Total/NA	Water	7196A	
LCS 240-632470/4	Lab Control Sample	Total/NA	Water	7196A	
240-213578-3 MS	SB-2-GW-18-28	Total/NA	Water	7196A	
240-213578-3 MS	SB-2-GW-18-28	Total/NA	Water	7196A	
240-213578-3 MS	SB-2-GW-18-28	Total/NA	Water	7196A	
240-213578-3 MSD	SB-2-GW-18-28	Total/NA	Water	7196A	
240-213578-3 MSD	SB-2-GW-18-28	Total/NA	Water	7196A	
240-213578-3 MSD	SB-2-GW-18-28	Total/NA	Water	7196A	

Prep Batch: 633093

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
240-213578-1	SB-7-GW-18-28	Total/NA	Water	9012B	
240-213578-2	SB-4-GW-18-28	Total/NA	Water	9012B	
240-213578-3	SB-2-GW-18-28	Total/NA	Water	9012B	
240-213578-4	DUP-2	Total/NA	Water	9012B	
240-213578-5	DUP-3	Total/NA	Water	9012B	
240-213578-6	SB-6-GW-18-28	Total/NA	Water	9012B	
MB 240-633093/1-A	Method Blank	Total/NA	Water	9012B	

General Chemistry (Continued)

Prep Batch: 633093 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
LCS 240-633093/2-A	Lab Control Sample	Total/NA	Water	9012B	
240-213578-3 MS	SB-2-GW-18-28	Total/NA	Water	9012B	
240-213578-3 MSD	SB-2-GW-18-28	Total/NA	Water	9012B	

Analysis Batch: 633158

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
240-213578-1	SB-7-GW-18-28	Total/NA	Water	9012B	633093
240-213578-2	SB-4-GW-18-28	Total/NA	Water	9012B	633093
240-213578-3	SB-2-GW-18-28	Total/NA	Water	9012B	633093
240-213578-4	DUP-2	Total/NA	Water	9012B	633093
240-213578-5	DUP-3	Total/NA	Water	9012B	633093
240-213578-6	SB-6-GW-18-28	Total/NA	Water	9012B	633093
MB 240-633093/1-A	Method Blank	Total/NA	Water	9012B	633093
LCS 240-633093/2-A	Lab Control Sample	Total/NA	Water	9012B	633093
MRL 240-633158/10	Lab Control Sample	Total/NA	Water	9012B	
240-213578-3 MS	SB-2-GW-18-28	Total/NA	Water	9012B	633093
240-213578-3 MSD	SB-2-GW-18-28	Total/NA	Water	9012B	633093

Client Sample ID: SB-7-GW-18-28

Lab Sample ID: 240-213578-1

Date Collected: 10/23/24 08:30

Matrix: Water

Date Received: 10/23/24 16:09

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260D		500	633654	LEE	EET CLE	11/02/24 13:28
Total/NA	Prep	3510C LVI			632431	GBS	EET CLE	10/25/24 08:51
Total/NA	Analysis	8270E		1	633649	MRU	EET CLE	11/02/24 17:09
Total/NA	Prep	3510C			632423	GBS	EET CLE	10/25/24 08:42
Total/NA	Analysis	8082A		1	632771	LSH	EET CLE	10/28/24 17:18
Dissolved	Prep	3005A			632265	XWS6	EET CLE	10/24/24 14:00
Dissolved	Analysis	6010D		1	632536	RKT	EET CLE	10/25/24 16:33
Total Recoverable	Prep	3005A			632265	XWS6	EET CLE	10/24/24 14:00
Total Recoverable	Analysis	6010D		1	632536	RKT	EET CLE	10/25/24 16:29
Dissolved	Prep	7470A			632272	XWS6	EET CLE	10/24/24 14:00
Dissolved	Analysis	7470A		1	632558	S4FJ	EET CLE	10/25/24 13:37
Total/NA	Prep	7470A			632272	XWS6	EET CLE	10/24/24 14:00
Total/NA	Analysis	7470A		1	632558	S4FJ	EET CLE	10/25/24 13:32
Dissolved	Analysis	7196A		1	632060	AAP	EET CLE	10/23/24 16:59
Total/NA	Analysis	7196A		1	632060	AAP	EET CLE	10/23/24 16:59
Total/NA	Prep	9012B			633093	BLW	EET CLE	10/30/24 08:38
Total/NA	Analysis	9012B		1	633158	BLW	EET CLE	10/30/24 10:19
Total/NA	Analysis	OIA-1677		1	571173	UJE2	ELLE	11/04/24 14:29

Client Sample ID: SB-4-GW-18-28

Lab Sample ID: 240-213578-2

Date Collected: 10/23/24 11:25

Matrix: Water

Date Received: 10/23/24 16:09

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260D		1	633654	LEE	EET CLE	11/02/24 13:51
Total/NA	Prep	3510C LVI			632431	GBS	EET CLE	10/25/24 08:51
Total/NA	Analysis	8270E		1	633649	MRU	EET CLE	11/02/24 17:32
Total/NA	Prep	3510C			632423	GBS	EET CLE	10/25/24 08:42
Total/NA	Analysis	8082A		1	632771	LSH	EET CLE	10/28/24 17:29
Dissolved	Prep	3005A			632265	XWS6	EET CLE	10/24/24 14:00
Dissolved	Analysis	6010D		1	632536	RKT	EET CLE	10/25/24 16:38
Total Recoverable	Prep	3005A			632474	XWS6	EET CLE	10/25/24 14:00
Total Recoverable	Analysis	6010D		1	632866	RKT	EET CLE	10/28/24 21:08
Total Recoverable	Prep	3005A			632474	XWS6	EET CLE	10/25/24 14:00
Total Recoverable	Analysis	6010D		5	632866	RKT	EET CLE	10/28/24 21:12
Total Recoverable	Prep	3005A			632474	XWS6	EET CLE	10/25/24 14:00
Total Recoverable	Analysis	6010D		10	633332	KLC	EET CLE	10/30/24 14:12
Dissolved	Prep	7470A			632272	XWS6	EET CLE	10/24/24 14:00
Dissolved	Analysis	7470A		1	632558	S4FJ	EET CLE	10/25/24 13:38
Total/NA	Prep	7470A			632480	XWS6	EET CLE	10/25/24 14:00
Total/NA	Analysis	7470A		1	632913	S4FJ	EET CLE	10/29/24 08:05
Dissolved	Analysis	7196A		1	632060	AAP	EET CLE	10/23/24 16:59
Total/NA	Analysis	7196A		10	632060	AAP	EET CLE	10/23/24 16:59

Client Sample ID: SB-4-GW-18-28

Lab Sample ID: 240-213578-2

Date Collected: 10/23/24 11:25

Matrix: Water

Date Received: 10/23/24 16:09

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	9012B			633093	BLW	EET CLE	10/30/24 08:38
Total/NA	Analysis	9012B		1	633158	BLW	EET CLE	10/30/24 10:21
Total/NA	Analysis	OIA-1677		1	571173	UJE2	ELLE	11/04/24 14:34

Client Sample ID: SB-2-GW-18-28

Lab Sample ID: 240-213578-3

Date Collected: 10/23/24 14:15

Matrix: Water

Date Received: 10/23/24 16:09

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260D		1	633654	LEE	EET CLE	11/02/24 14:15
Total/NA	Prep	3510C LVI			632431	GBS	EET CLE	10/25/24 08:51
Total/NA	Analysis	8270E		1	633649	MRU	EET CLE	11/02/24 17:55
Total/NA	Prep	3510C			632423	GBS	EET CLE	10/25/24 08:42
Total/NA	Analysis	8082A		1	632771	LSH	EET CLE	10/28/24 17:41
Dissolved	Prep	3005A			632265	XWS6	EET CLE	10/24/24 14:00
Dissolved	Analysis	6010D		1	632536	RKT	EET CLE	10/25/24 15:43
Total Recoverable	Prep	3005A			632265	XWS6	EET CLE	10/24/24 14:00
Total Recoverable	Analysis	6010D		1	632536	RKT	EET CLE	10/25/24 15:13
Dissolved	Prep	7470A			632272	XWS6	EET CLE	10/24/24 14:00
Dissolved	Analysis	7470A		1	632558	S4FJ	EET CLE	10/25/24 13:20
Total/NA	Prep	7470A			632272	XWS6	EET CLE	10/24/24 14:00
Total/NA	Analysis	7470A		1	632558	S4FJ	EET CLE	10/25/24 13:11
Dissolved	Analysis	7196A		1	632060	AAP	EET CLE	10/23/24 16:59
Total/NA	Analysis	7196A		10	632060	AAP	EET CLE	10/23/24 16:59
Total/NA	Analysis	7196A		10	632470	AAP	EET CLE	10/25/24 13:06
Total/NA	Analysis	7196A		1	632470	AAP	EET CLE	10/25/24 13:10
Total/NA	Analysis	7196A		25	632470	AAP	EET CLE	10/25/24 13:13
Total/NA	Prep	9012B			633093	BLW	EET CLE	10/30/24 08:38
Total/NA	Analysis	9012B		1	633158	BLW	EET CLE	10/30/24 10:23
Total/NA	Analysis	OIA-1677		1	571173	UJE2	ELLE	11/04/24 14:22

Client Sample ID: DUP-2

Lab Sample ID: 240-213578-4

Date Collected: 10/23/24 00:00

Matrix: Water

Date Received: 10/23/24 16:09

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260D		500	633654	LEE	EET CLE	11/02/24 14:39
Total/NA	Prep	3510C LVI			632431	GBS	EET CLE	10/25/24 08:51
Total/NA	Analysis	8270E		1	633649	MRU	EET CLE	11/02/24 16:01
Total/NA	Prep	3510C			632423	GBS	EET CLE	10/25/24 08:42
Total/NA	Analysis	8082A		1	632771	LSH	EET CLE	10/28/24 18:51
Dissolved	Prep	3005A			632265	XWS6	EET CLE	10/24/24 14:00
Dissolved	Analysis	6010D		1	632536	RKT	EET CLE	10/25/24 16:46

Client Sample ID: DUP-2

Lab Sample ID: 240-213578-4

Date Collected: 10/23/24 00:00

Matrix: Water

Date Received: 10/23/24 16:09

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total Recoverable	Prep	3005A			632265	XWS6	EET CLE	10/24/24 14:00
Total Recoverable	Analysis	6010D		1	632536	RKT	EET CLE	10/25/24 16:42
Dissolved	Prep	7470A			632272	XWS6	EET CLE	10/24/24 14:00
Dissolved	Analysis	7470A		1	632558	S4FJ	EET CLE	10/25/24 13:42
Total/NA	Prep	7470A			632272	XWS6	EET CLE	10/24/24 14:00
Total/NA	Analysis	7470A		1	632558	S4FJ	EET CLE	10/25/24 13:40
Dissolved	Analysis	7196A		1	632060	AAP	EET CLE	10/23/24 16:59
Total/NA	Analysis	7196A		10	632060	AAP	EET CLE	10/23/24 16:59
Total/NA	Prep	9012B			633093	BLW	EET CLE	10/30/24 08:38
Total/NA	Analysis	9012B		1	633158	BLW	EET CLE	10/30/24 10:28
Total/NA	Analysis	OIA-1677		1	571173	UJE2	ELLE	11/04/24 14:32

Client Sample ID: DUP-3

Lab Sample ID: 240-213578-5

Date Collected: 10/23/24 00:00

Matrix: Water

Date Received: 10/23/24 16:09

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260D		1	633654	LEE	EET CLE	11/02/24 15:03
Total/NA	Prep	3510C LVI			632431	GBS	EET CLE	10/25/24 08:51
Total/NA	Analysis	8270E		1	633649	MRU	EET CLE	11/02/24 16:24
Total/NA	Prep	3510C			632423	GBS	EET CLE	10/25/24 08:42
Total/NA	Analysis	8082A		1	632771	LSH	EET CLE	10/28/24 19:02
Dissolved	Prep	3005A			632265	XWS6	EET CLE	10/24/24 14:00
Dissolved	Analysis	6010D		1	632536	RKT	EET CLE	10/25/24 16:50
Total Recoverable	Prep	3005A			632474	XWS6	EET CLE	10/25/24 14:00
Total Recoverable	Analysis	6010D		1	632866	RKT	EET CLE	10/28/24 21:25
Total Recoverable	Prep	3005A			632474	XWS6	EET CLE	10/25/24 14:00
Total Recoverable	Analysis	6010D		5	632866	RKT	EET CLE	10/28/24 21:30
Total Recoverable	Prep	3005A			632474	XWS6	EET CLE	10/25/24 14:00
Total Recoverable	Analysis	6010D		10	633332	KLC	EET CLE	10/30/24 14:17
Dissolved	Prep	7470A			632272	XWS6	EET CLE	10/24/24 14:00
Dissolved	Analysis	7470A		1	632558	S4FJ	EET CLE	10/25/24 13:44
Total/NA	Prep	7470A			632480	XWS6	EET CLE	10/25/24 14:00
Total/NA	Analysis	7470A		1	632913	S4FJ	EET CLE	10/29/24 08:07
Dissolved	Analysis	7196A		1	632060	AAP	EET CLE	10/23/24 16:59
Total/NA	Analysis	7196A		10	632060	AAP	EET CLE	10/23/24 16:59
Total/NA	Prep	9012B			633093	BLW	EET CLE	10/30/24 08:38
Total/NA	Analysis	9012B		1	633158	BLW	EET CLE	10/30/24 10:30
Total/NA	Analysis	OIA-1677		1	571173	UJE2	ELLE	11/04/24 14:39

Lab Chronicle

Client: August Mack Environmental, Inc.
Project/Site: MSC Canfield

Job ID: 240-213578-1

Client Sample ID: SB-6-GW-18-28

Lab Sample ID: 240-213578-6

Date Collected: 10/23/24 14:40

Matrix: Water

Date Received: 10/23/24 16:09

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260D		1	633654	LEE	EET CLE	11/02/24 15:26
Total/NA	Prep	3510C LVI			632431	GBS	EET CLE	10/25/24 08:51
Total/NA	Analysis	8270E		1	633649	MRU	EET CLE	11/02/24 16:47
Total/NA	Prep	3510C			632423	GBS	EET CLE	10/25/24 08:42
Total/NA	Analysis	8082A		1	632771	LSH	EET CLE	10/28/24 19:14
Dissolved	Prep	3005A			632265	XWS6	EET CLE	10/24/24 14:00
Dissolved	Analysis	6010D		1	632536	RKT	EET CLE	10/25/24 16:55
Total Recoverable	Prep	3005A			632719	BN	EET CLE	10/29/24 06:00
Total Recoverable	Analysis	6010D		5	633175	RKT	EET CLE	10/30/24 23:28
Total Recoverable	Prep	3005A			632719	BN	EET CLE	10/29/24 06:00
Total Recoverable	Analysis	6010D		1	633440	RKT	EET CLE	10/31/24 13:08
Dissolved	Prep	7470A			632272	XWS6	EET CLE	10/24/24 14:00
Dissolved	Analysis	7470A		1	632558	S4FJ	EET CLE	10/25/24 13:45
Total/NA	Prep	7470A			632480	XWS6	EET CLE	10/25/24 14:00
Total/NA	Analysis	7470A		1	632913	S4FJ	EET CLE	10/29/24 08:09
Dissolved	Analysis	7196A		1	632060	AAP	EET CLE	10/23/24 16:59
Total/NA	Analysis	7196A		10	632060	AAP	EET CLE	10/23/24 16:59
Total/NA	Prep	9012B			633093	BLW	EET CLE	10/30/24 08:38
Total/NA	Analysis	9012B		1	633158	BLW	EET CLE	10/30/24 10:36
Total/NA	Analysis	OIA-1677		1	571173	UJE2	ELLE	11/04/24 14:37

Client Sample ID: TB-1-20241023

Lab Sample ID: 240-213578-7

Date Collected: 10/23/24 00:00

Matrix: Water

Date Received: 10/23/24 16:09

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260D		1	633654	LEE	EET CLE	11/02/24 15:50

Client Sample ID: TB-2-20241023

Lab Sample ID: 240-213578-8

Date Collected: 10/23/24 00:00

Matrix: Water

Date Received: 10/23/24 16:09

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260D		1	633654	LEE	EET CLE	11/02/24 16:14

Client Sample ID: TB-3-20241023

Lab Sample ID: 240-213578-9

Date Collected: 10/23/24 00:00

Matrix: Water

Date Received: 10/23/24 16:09

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260D		1	633654	LEE	EET CLE	11/02/24 16:38

Laboratory References:

EET CLE = Eurofins Cleveland, 180 S. Van Buren Avenue, Barberton, OH 44203, TEL (330)497-9396

ELLE = Eurofins Lancaster Laboratories Environment Testing, LLC, 2425 New Holland Pike, Lancaster, PA 17601, TEL (717)656-2300

Accreditation/Certification Summary

Client: August Mack Environmental, Inc.
Project/Site: MSC Canfield

Job ID: 240-213578-1

Laboratory: Eurofins Cleveland

All accreditations/certifications held by this laboratory are listed. Not all accreditations/certifications are applicable to this report.

Authority	Program	Identification Number	Expiration Date
California	State	2927	02-28-25
Connecticut	State	PH-0806	12-31-26
Georgia	State	4062	02-27-25
Illinois	NELAP	200004	08-31-25
Iowa	State	421	06-01-25
Kentucky (UST)	State	112225	02-27-25
Kentucky (WW)	State	KY98016	12-30-24
Minnesota	NELAP	039-999-348	12-31-24
New Hampshire	NELAP	225024	09-30-25
New Jersey	NELAP	OH001	07-03-25
New York	NELAP	10975	04-02-25
Ohio VAP	State	ORELAP 4062	02-27-25
Oregon	NELAP	4062	02-27-25
Pennsylvania	NELAP	68-00340	08-31-25
Texas	NELAP	T104704517-22-19	08-31-25
USDA	US Federal Programs	P330-18-00281	01-05-27
Virginia	NELAP	460175	09-14-25
West Virginia DEP	State	210	12-31-24

Laboratory: Eurofins Lancaster Laboratories Environment Testing, LLC

All accreditations/certifications held by this laboratory are listed. Not all accreditations/certifications are applicable to this report.

Authority	Program	Identification Number	Expiration Date
A2LA	Dept. of Defense ELAP	0001.01	11-30-26
A2LA	ISO/IEC 17025	0001.01	11-30-26
Alabama	State	43200	01-31-25
Alaska	State	PA00009	06-30-25
Alaska (UST)	State	17-027	02-28-25
Arizona	State	AZ0780	03-12-25
Arkansas DEQ	State	88-00660	08-09-25
California	State	2792	11-30-24
Colorado	State	PA00009	06-30-25
Connecticut	State	PH-0746	06-30-25
DE Haz. Subst. Cleanup Act (HSCA)	State	019-006 (PA cert)	01-31-25
Delaware (DW)	State	N/A	01-31-25
Florida	NELAP	E87997	06-30-25
Georgia (DW)	State	C048	01-31-25
Hawaii	State	N/A	01-31-25
Illinois	NELAP	200027	01-31-25
Iowa	State	361	03-01-26
Kentucky (DW)	State	KY90088	12-31-24
Kentucky (UST)	State	0001.01	11-30-26
Kentucky (WW)	State	KY90088	12-31-24
Louisiana (All)	NELAP	02055	06-30-25
Maine	State	2019012	03-12-25
Maryland	State	100	06-30-25
Massachusetts	State	M-PA009	06-30-25
Michigan	State	9930	01-31-25
Minnesota	NELAP	042-999-487	12-31-24
Mississippi	State	023	01-31-25

Accreditation/Certification Summary

Client: August Mack Environmental, Inc.
Project/Site: MSC Canfield

Job ID: 240-213578-1

Laboratory: Eurofins Lancaster Laboratories Environment Testing, LLC (Continued)

All accreditations/certifications held by this laboratory are listed. Not all accreditations/certifications are applicable to this report.

Authority	Program	Identification Number	Expiration Date
Missouri	State	450	01-31-25
Montana (DW)	State	0098	01-01-25
Nebraska	State	NE-OS-32-17	01-31-25
New Hampshire	NELAP	2730	01-10-25
New Jersey	NELAP	PA011	06-30-25
New York	NELAP	10670	04-01-25
North Carolina (DW)	State	42705	07-31-25
North Carolina (WW/SW)	State	521	12-31-25
North Dakota	State	R-205	01-31-24 *
Oklahoma	NELAP	9804	08-31-24 *
Oregon	NELAP	PA200001	09-11-25
Pennsylvania	NELAP	36-00037	01-31-25
Quebec Ministry of Environment and Fight against Climate Change	PALA	507	09-16-29
Rhode Island	State	LAO00338	12-30-24
South Carolina	State	89002	01-31-25
Tennessee	State	02838	01-31-25
Texas	NELAP	T104704194-23-46	08-31-25
USDA	US Federal Programs	525-22-298-19481	10-25-25
Vermont	State	VT - 36037	10-28-25
Virginia	NELAP	460182	06-14-25
Washington	State	C457	04-11-25
West Virginia (DW)	State	9906 C	01-31-25
West Virginia DEP	State	055	07-31-25
Wyoming	State	8TMS-L	01-31-25
Wyoming (UST)	A2LA	0001.01	11-30-26

* Accreditation/Certification renewal pending - accreditation/certification considered valid.

Eurofins Cleveland
180 S. Van Buren Avenue
Barberton, OH 44203
Phone (330) 497-9396 Phone (330) 497-0772

Chain of Custody Record

eurofins Environment Testing

Client Information	Sampler: Andrew Hallko	Lab PM: Kalis, Nicole A	Carrier Tracking No(s):	COC No: 240-124901-43556.12
Client Contact: Kain Lager-Lowe	Phone:	E-Mail: Nicole.Kalis@et.eurofinsus.com	State of Origin: OH	Page: Page 12 of 12
Company: August Mack Environmental, Inc.	PWSID:			Job #:
Address: 7830 North Central Drive, Suite B	Due Date Requested:			
City: Lewis Center	TAT Requested (days):			
State, Zip: OH, 43035	Compliance Project: Δ Yes Δ No			
Phone: 740-548-1515(Tel)	PO #:			
Email: klagerlowe@augustmack.com	WO #:			
Project Name: MSC Canfield - Soil/Surface Water	Project #: DO NOT DELETE - 24033889			
Site:	SSOW#:			

Analysis Requested

Preservation Codes:
N - None
A - HCL
B - NaOH
D - HNO3

Other:

Sample Identification	Sample Date	Sample Time	Sample Type (C=comp, G=grab)	Matrix (W=water, S=solid, O=waste/oil, BT=Tissue, A=Air)	Field Filtered Sample (Yes or No)	Perform MS/MSD (Yes or No)	8260D - VOCs	8270E - SVOCs	8082A - PCBs	9012B - Total Cyanid	1677 - Free Cyandle	6010D/7470A - Total RCRA 8, Cu & Zn	7196A - Total Hexavalent Chromium	6010D/7470A - Dissolved RCRA 8, Cu & Zn	7196A - Dissolved Hexavalent Chromium	6010D, 7470A	7196A - Diss. Hexavalent Chromium - Field Filter	1677_Free - Cyanide, Free		Total Number of containers	Special Instructions/Note:
			Preservation Code:				A	N	N	B	B	D	N	D	N	D	N	B			
SB-7-GW-18-28	10/23/24	0830	G	Water			X	X	X	X	X	X	X	X	X	X	X	X		13	
SB-4-GW-18-28	10/23/24	1125	G	Water			X	X	X	X	X	X	X	X	X	X	X	X		13	
SB-2-GW-18-28	10/23/24	1415	G	Water			X	X	X	X	X	X	X	X	X	X	X	X		39	
DUP-2	10/23/24	—	G	Water			X	X	X	X	X	X	X	X	X	X	X	X		13	
DUP-3	10/23/24	—	G	Water			X	X	X	X	X	X	X	X	X	X	X	X		13	
SB-6-GW-18-28	10/23/24	1440	G	Water			X	X	X	X	X	X	X	X	X	X	X	X		13	
TB-1-20241023	10/23/24	—		Water			X													1	
TB-2-20241023	10/23/24	—		Water			X													1	
TB-3-20241023	10/23/24	—		Water			X													1	
				Water																	
				Water																	

240-213578 COC

Possible Hazard Identification
☐ Non-Hazard ☐ Flammable ☐ Skin Irritant ☐ Poison B ☐ Unknown ☐ Radiological

Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)
☐ Return To Client ☐ Disposal By Lab ☐ Archive For _____ Months

Deliverable Requested: I, II, III, IV, Other (specify)

Special Instructions/QC Requirements: 1 Dissolved RCRA 8 Metals and 1 Hexachrom is Field Filtered for oil samples

Empty Kit Relinquished by:	Date:	Time:	Method of Shipment:

Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company
[signature]	10/23/24/1500		[signature]	10/23/24 1501	EUR
[signature]	10/23/24 1609	EUR	JESSICA RIGDON	10-23-24 1609	EETNC

Custody Seals Intact: Δ Yes Δ No	Custody Seal No.:	Cooler Temperature(s) °C and Other Remarks:

Ver: 05/06/2024 11/5/2024

Eurofins – Cleveland Sample Receipt Form/Narrative **Login # :** 213648
Barberton Facility

Client August Mack Site Name

Cooler unpacked by: JESSICA RIGDON

Cooler Received on 10 23 24 Opened on 10 23 24

FedEx: 1st Grd Exp UPS FAS Waypoint Client Drop Off (Eurofins Courier) Other

Receipt After-hours Drop-off Date/Time Storage Location

Eurofins Cooler # EC Foam Box Client Cooler Box Other

Packing material used. (Bubble Wrap) Foam Plastic Bag None Other

COOLANT: (Wet Ice) Blue Ice Dry Ice Water None

1 Cooler temperature upon receipt (X) See Multiple Cooler Form

IR GUN # 19 (CF +1.7 °C) Observed Cooler Temp. °C Corrected Cooler Temp °C

2. Were tamper/custody seals on the outside of the cooler(s)? If Yes Quantity	Yes (No)	**Tests that are not checked for pH by Receiving:**
-Were the seals on the outside of the cooler(s) signed & dated?	Yes No (NA)	
-Were tamper/custody seals on the bottle(s) or bottle kits (LLHg/MeHg)?	Yes (No)	**VOAs**
-Were tamper/custody seals intact and uncompromised?	Yes No (NA)	**Oil and Grease**
3 Shippers' packing slip attached to the cooler(s)?	Yes (No)	**TOC**
4. Did custody papers accompany the sample(s)?	(Yes) No	
5 Were the custody papers relinquished & signed in the appropriate place?	(Yes) No	
6 Was/were the person(s) who collected the samples clearly identified on the COC?	(Yes) No	
7 Did all bottles arrive in good condition (Unbroken)?	(Yes) No	
8 Could all bottle labels (ID/Date/Time) be reconciled with the COC?	(Yes) No	
9 For each sample, does the COC specify preservatives (Y/N), # of containers (Y/N), and sample type of grab/comp (Y/N)?		
10 Were correct bottle(s) used for the test(s) indicated?	(Yes) No	
11 Sufficient quantity received to perform indicated analyses?	(Yes) No	
12. Are these work share samples and all listed on the COC?	Yes (No)	
If yes, Questions 13-17 have been checked at the originating laboratory		
13 Were all preserved sample(s) at the correct pH upon receipt?	Yes (No) NA	pH Strip Lot# HC447997
14. Were VOAs on the COC?	(Yes) No	
15 Were air bubbles >6 mm in any VOA vials? ● ← Larger than this.	(Yes) No NA	
16 Was a VOA trip blank present in the cooler(s)? Trip Blank Lot #	(Yes) No	
17 Was a LL Hg or Me Hg trip blank present?	Yes (No)	

Contacted PM Date by via Verbal Voice Mail Other

Concerning

18. CHAIN OF CUSTODY & SAMPLE DISCREPANCIES ☐ additional next page

Samples processed by:

19. SAMPLE CONDITION

Sample(s) were received after the recommended holding time had expired.
Sample(s) were received in a broken container
Sample(s) were received with bubble >6 mm in diameter (Notify PM)

20. SAMPLE PRESERVATION

Sample(s) were further preserved in the laboratory
Time preserved. Preservative(s) added/Lot number(s):

VOA Sample Preservation - Date/Time VOAs Frozen.

Login # : 213578

Eurofins - Cleveland Sample Receipt Multiple Cooler Form			
Cooler Description (Circle)	IR Gun # (Circle)	Observed Temp °C	Corrected Temp °C	Coolant (Circle)
(EC) Client Box Other	IR GUN #: 19	10.6	12.3	(Wet Ice) Blue Ice Dry Ice Water None
(EC) Client Box Other	IR GUN #: 19	13.0	14.7	(Wet Ice) Blue Ice Dry Ice Water None
(EC) Client Box Other	IR GUN #: 19	8.2	9.9	(Wet Ice) Blue Ice Dry Ice Water None
EC Client Box Other	IR GUN #:			Wet Ice Blue Ice Dry Ice Water None
EC Client Box Other	IR GUN #:			Wet Ice Blue Ice Dry Ice Water None
EC Client Box Other	IR GUN #:			Wet Ice Blue Ice Dry Ice Water None
EC Client Box Other	IR GUN #:			Wet Ice Blue Ice Dry Ice Water None
EC Client Box Other	IR GUN #:			Wet Ice Blue Ice Dry Ice Water None
EC Client Box Other	IR GUN #:			Wet Ice Blue Ice Dry Ice Water None
EC Client Box Other	IR GUN #:			Wet Ice Blue Ice Dry Ice Water None
EC Client Box Other	IR GUN #:			Wet Ice Blue Ice Dry Ice Water None
EC Client Box Other	IR GUN #:			Wet Ice Blue Ice Dry Ice Water None
EC Client Box Other	IR GUN #:			Wet Ice Blue Ice Dry Ice Water None
EC Client Box Other	IR GUN #:			Wet Ice Blue Ice Dry Ice Water None
EC Client Box Other	IR GUN #:			Wet Ice Blue Ice Dry Ice Water None
EC Client Box Other	IR GUN #:			Wet Ice Blue Ice Dry Ice Water None
EC Client Box Other	IR GUN #:			Wet Ice Blue Ice Dry Ice Water None
EC Client Box Other	IR GUN #:			Wet Ice Blue Ice Dry Ice Water None
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EC Client Box Other	IR GUN #:			Wet Ice Blue Ice Dry Ice Water None
EC Client Box Other	IR GUN #:			Wet Ice Blue Ice Dry Ice Water None
EC Client Box Other	IR GUN #:			Wet Ice Blue Ice Dry Ice Water None
EC Client Box Other	IR GUN #:			Wet Ice Blue Ice Dry Ice Water None
EC Client Box Other	IR GUN #:			Wet Ice Blue Ice Dry Ice Water None
EC Client Box Other	IR GUN #:			Wet Ice Blue Ice Dry Ice Water None
EC Client Box Other	IR GUN #:			Wet Ice Blue Ice Dry Ice Water None
EC Client Box Other	IR GUN #:			Wet Ice Blue Ice Dry Ice Water None
EC Client Box Other	IR GUN #:			Wet Ice Blue Ice Dry Ice Water None
EC Client Box Other	IR GUN #:			Wet Ice Blue Ice Dry Ice Water None
EC Client Box Other	IR GUN #:			Wet Ice Blue Ice Dry Ice Water None
EC Client Box Other	IR GUN #:			Wet Ice Blue Ice Dry Ice Water None
EC Client Box Other	IR GUN #:			Wet Ice Blue Ice Dry Ice Water None
EC Client Box Other	IR GUN #:			Wet Ice Blue Ice Dry Ice Water None
☐ See Temperature Excursion Form				

10/23/2024

Login Container Summary Report

240-213578

11/5/2024

Temperature readings _____

Client Sample ID	Lab ID	Container Type	Container pH	Container Temp	Preservation Added	Preservation Lot Number
SB-7-GW-18-28	240-213578-A-1	Voa Vial 40ml - Hydrochloric Acid				
SB-7-GW-18-28	240-213578-B-1	Voa Vial 40ml - Hydrochloric Acid				
SB-7-GW-18-28	240-213578-C-1	Voa Vial 40ml - Hydrochloric Acid				
SB-7-GW-18-28	240-213578-D-1	Amber Plastic 125 mL - NaOH	>12			
SB-7-GW-18-28	240-213578-E-1	Plastic 250ml - with Sodium Hydroxide	>12			
SB-7-GW-18-28	240-213578-F-1	Amber Glass 250ml - unpreserved				
SB-7-GW-18-28	240-213578-G-1	Amber Glass 250ml - unpreserved				
SB-7-GW-18-28	240-213578-H-1	Plastic 500ml - unpreserved				
SB-7-GW-18-28	240-213578-I-1	Plastic 500 mL - unpreserved - dis				
SB-7-GW-18-28	240-213578-J-1	Plastic 500ml - with Nitric Acid	<2			
SB-7-GW-18-28	240-213578-K-1	Plastic 500ml - w/ Nitric - Dis.	<2			
SB-7-GW-18-28	240-213578-L-1	Amber Glass 1 liter - unpreserved				
SB-7-GW-18-28	240-213578-M-1	Amber Glass 1 liter - unpreserved				
SB-4-GW-18-28	240-213578-A-2	Voa Vial 40ml - Hydrochloric Acid				
SB-4-GW-18-28	240-213578-B-2	Voa Vial 40ml - Hydrochloric Acid				
SB-4-GW-18-28	240-213578-C-2	Voa Vial 40ml - Hydrochloric Acid				
SB-4-GW-18-28	240-213578-D-2	Amber Plastic 125 mL - NaOH	>12			
SB-4-GW-18-28	240-213578-E-2	Plastic 250ml - with Sodium Hydroxide	>12			
SB-4-GW-18-28	240-213578-F-2	Amber Glass 250ml - unpreserved				
SB-4-GW-18-28	240-213578-G-2	Amber Glass 250ml - unpreserved				
SB-4-GW-18-28	240-213578-H-2	Plastic 500ml - unpreserved				
SB-4-GW-18-28	240-213578-I-2	Plastic 500 mL - unpreserved - dis				
SB-4-GW-18-28	240-213578-J-2	Plastic 500ml - with Nitric Acid	>7			
SB-4-GW-18-28	240-213578-K-2	Plastic 500ml - w/ Nitric - Dis.	<2			
SB-4-GW-18-28	240-213578-L-2	Amber Glass 1 liter - unpreserved				
SB-4-GW-18-28	240-213578-M-2	Amber Glass 1 liter - unpreserved				
SB-2-GW-18-28	240-213578-A-3	Voa Vial 40ml - Hydrochloric Acid				
SB-2-GW-18-28	240-213578-A-3 MS	Voa Vial 40ml - Hydrochloric Acid				
SB-2-GW-18-28	240-213578-A-3 MSD	Voa Vial 40ml - Hydrochloric Acid				
SB-2-GW-18-28	240-213578-B-3	Voa Vial 40ml - Hydrochloric Acid				
SB-2-GW-18-28	240-213578-B-3 MS	Voa Vial 40ml - Hydrochloric Acid				
SB-2-GW-18-28	240-213578-B-3 MSD	Voa Vial 40ml - Hydrochloric Acid				
SB-2-GW-18-28	240-213578-C-3	Voa Vial 40ml - Hydrochloric Acid				
SB-2-GW-18-28	240-213578-C-3 MS	Voa Vial 40ml - Hydrochloric Acid				

Client Sample ID	Lab ID	Container Type	Container pH	Container Temp	Preservation Added	Preservation Lot Number
SB-2-GW-18-28	240-213578-C-3 MSD	Voa Vial 40ml - Hydrochloric Acid				
SB-2-GW-18-28	240-213578-D-3	Amber Plastic 125 mL - NaOH	>12			
SB-2-GW-18-28	240-213578-D-3 MS	Amber Plastic 125 mL - NaOH	>12			
SB-2-GW-18-28	240-213578-D-3 MSD	Amber Plastic 125 mL - NaOH	>12			
SB-2-GW-18-28	240-213578-E-3	Plastic 250ml - with Sodium Hydroxide	>12			
SB-2-GW-18-28	240-213578-E-3 MS	Plastic 250ml - with Sodium Hydroxide	>12			
SB-2-GW-18-28	240-213578-E-3 MSD	Plastic 250ml - with Sodium Hydroxide	>12			
SB-2-GW-18-28	240-213578-F-3	Amber Glass 250ml - unpreserved				
SB-2-GW-18-28	240-213578-F-3 MS	Amber Glass 250ml - unpreserved				
SB-2-GW-18-28	240-213578-F-3 MSD	Amber Glass 250ml - unpreserved				
SB-2-GW-18-28	240-213578-G-3	Amber Glass 250ml - unpreserved				
SB-2-GW-18-28	240-213578-G-3 MS	Amber Glass 250ml - unpreserved				
SB-2-GW-18-28	240-213578-G-3 MSD	Amber Glass 250ml - unpreserved				
SB-2-GW-18-28	240-213578-H-3	Plastic 500ml - unpreserved				
SB-2-GW-18-28	240-213578-H-3 MS	Plastic 500ml - unpreserved				
SB-2-GW-18-28	240-213578-H-3 MSD	Plastic 500ml - unpreserved				
SB-2-GW-18-28	240-213578-I-3	Plastic 500 mL - unpreserved - dis				
SB-2-GW-18-28	240-213578-I-3 MS	Plastic 500 mL - unpreserved - dis				
SB-2-GW-18-28	240-213578-I-3 MSD	Plastic 500 mL - unpreserved - dis				
SB-2-GW-18-28	240-213578-J-3	Plastic 500ml - with Nitric Acid	<2			
SB-2-GW-18-28	240-213578-J-3 MS	Plastic 500ml - with Nitric Acid	<2			
SB-2-GW-18-28	240-213578-J-3 MSD	Plastic 500ml - with Nitric Acid	<2			
SB-2-GW-18-28	240-213578-K-3	Plastic 500ml - w/ Nitric - Dis.	<2			
SB-2-GW-18-28	240-213578-K-3 MS	Plastic 500ml - w/ Nitric - Dis	<2			
SB-2-GW-18-28	240-213578-K-3 MSD	Plastic 500ml - w/ Nitric - Dis	<2			
SB-2-GW-18-28	240-213578-L-3	Amber Glass 1 liter - unpreserved				
SB-2-GW-18-28	240-213578-L-3 MS	Amber Glass 1 liter - unpreserved				
SB-2-GW-18-28	240-213578-L-3 MSD	Amber Glass 1 liter - unpreserved				
SB-2-GW-18-28	240-213578-M-3	Amber Glass 1 liter - unpreserved				
SB-2-GW-18-28	240-213578-M-3 MS	Amber Glass 1 liter - unpreserved				
SB-2-GW-18-28	240-213578-M-3 MSD	Amber Glass 1 liter - unpreserved				
DUP-2	240-213578-A-4	Voa Vial 40ml - Hydrochloric Acid				
DUP-2	240-213578-B-4	Voa Vial 40ml - Hydrochloric Acid				

Client Sample ID	Lab ID	Container Type	Container pH	Container Temp	Preservation Added	Preservation Lot Number
DUP-2	240-213578-C-4	Voa Vial 40ml - Hydrochloric Acid				
DUP-2	240-213578-D-4	Amber Plastic 125 mL - NaOH	>12			
DUP-2	240-213578-E-4	Plastic 250ml - with Sodium Hydroxide	>12			
DUP-2	240-213578-F-4	Amber Glass 250ml - unpreserved				
DUP-2	240-213578-G-4	Amber Glass 250ml - unpreserved				
DUP-2	240-213578-H-4	Plastic 500ml - unpreserved				
DUP-2	240-213578-I-4	Plastic 500 mL - unpreserved - dis				
DUP-2	240-213578-J-4	Plastic 500ml - with Nitric Acid	<2			
DUP-2	240-213578-K-4	Plastic 500ml - w/ Nitric - Dis.	<2			
DUP-2	240-213578-L-4	Amber Glass 1 liter - unpreserved				
DUP-2	240-213578-M-4	Amber Glass 1 liter - unpreserved				
DUP-3	240-213578-A-5	Voa Vial 40ml - Hydrochloric Acid				
DUP-3	240-213578-B-5	Voa Vial 40ml - Hydrochloric Acid				
DUP-3	240-213578-C-5	Voa Vial 40ml - Hydrochloric Acid				
DUP-3	240-213578-D-5	Amber Plastic 125 mL - NaOH	>12			
DUP-3	240-213578-E-5	Plastic 250ml - with Sodium Hydroxide	>12			
DUP-3	240-213578-F-5	Amber Glass 250ml - unpreserved				
DUP-3	240-213578-G-5	Amber Glass 250ml - unpreserved				
DUP-3	240-213578-H-5	Plastic 500ml - unpreserved				
DUP-3	240-213578-I-5	Plastic 500 mL - unpreserved - dis				
DUP-3	240-213578-J-5	Plastic 500ml - with Nitric Acid	>7			
DUP-3	240-213578-K-5	Plastic 500ml - w/ Nitric - Dis.	<2			
DUP-3	240-213578-L-5	Amber Glass 1 liter - unpreserved				
DUP-3	240-213578-M-5	Amber Glass 1 liter - unpreserved				
SB-6-GW-18-28	240-213578-A-6	Voa Vial 40ml - Hydrochloric Acid				
SB-6-GW-18-28	240-213578-B-6	Voa Vial 40ml - Hydrochloric Acid				
SB-6-GW-18-28	240-213578-C-6	Voa Vial 40ml - Hydrochloric Acid				
SB-6-GW-18-28	240-213578-D-6	Amber Plastic 125 mL - NaOH	>12			
SB-6-GW-18-28	240-213578-E-6	Plastic 250ml - with Sodium Hydroxide	>12			
SB-6-GW-18-28	240-213578-F-6	Amber Glass 250ml - unpreserved				
SB-6-GW-18-28	240-213578-G-6	Amber Glass 250ml - unpreserved				
SB-6-GW-18-28	240-213578-H-6	Plastic 500ml - unpreserved				
SB-6-GW-18-28	240-213578-I-6	Plastic 500 mL - unpreserved - dis				
SB-6-GW-18-28	240-213578-J-6	Plastic 500ml - with Nitric Acid	>7			
SB-6-GW-18-28	240-213578-K-6	Plastic 500ml - w/ Nitric - Dis.	<2			
SB-6-GW-18-28	240-213578-L-6	Amber Glass 1 liter - unpreserved				
SB-6-GW-18-28	240-213578-M-6	Amber Glass 1 liter - unpreserved				
TB-1-20241023	240-213578-A-7	Voa Vial 40ml - Hydrochloric Acid				

Client Sample ID	Lab ID	Container Type	Container pH	Container Temp	Preservation Added	Preservation Lot Number
TB-2-20241023	240-213578-A-8	Voa Vial 40ml - Hydrochloric Acid				
TB-3-20241023	240-213578-A-9	Voa Vial 40ml - Hydrochloric Acid				

Eurofins Cleveland
180 S. Van Buren Avenue
Barberton, OH 44203
Phone: 330-497-9396 Fax: 330-497-0772

Chain of Custody Record

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Client Information (Sub Contract Lab)	Sampler: N/A	Lab PM: Kalis, Nicole A	Carrier Tracking No(s): N/A	COC No: 240-192715.1
Client Contact: Shipping/Receiving	Phone: N/A	E-Mail: Nicole.Kalis@et.eurofinsus.com	State of Origin: Ohio	Page: Page 1 of 1
Company: Eurofins Lancaster Laboratories Environm		Accreditations Required (See note): N/A		Job #: 240-213578-1
Address: 2425 New Holland Pike, ,	Due Date Requested: 11/5/2024			Preservation Codes: -
City: Lancaster	TAT Requested (days): N/A			
State, Zip: PA, 17601				
Phone: 717-656-2300(Tel)	PO #: N/A			
Email: N/A	WO #: N/A			
Project Name: MSC Canfield	Project #: 24033889			
Site: N/A	SSOW#: N/A			Other: N/A

Analysis Requested

Sample Identification - Client ID (Lab ID)	Sample Date	Sample Time	Sample Type (C=comp, G=grab)	Matrix (W=water, S=solid, O=wasteoil, BT=Tissue, A=Air)	Field Filtered Sample (Yes or No)	Perform MS/MSD (Yes or No)	1677_Free/ Cyanide, Free	Total Number of containers	Special Instructions/Note:
			Preservation Code:						
SB-7-GW-18-28 (240-213578-1)	10/23/24	08:30 Eastern	G	Water			X	1	Use caution! Site contaminated with solvent waste
SB-4-GW-18-28 (240-213578-2)	10/23/24	11:25 Eastern	G	Water			X	1	Use caution! Site contaminated with solvent waste
SB-2-GW-18-28 (240-213578-3)	10/23/24	14:15 Eastern	G	Water			X	1	Use caution! Site contaminated with solvent waste
SB-2-GW-18-28 (240-213578-3MS)	10/23/24	14:15 Eastern	G	Water			X	1	Use caution! Site contaminated with solvent waste
SB-2-GW-18-28 (240-213578-3MSD)	10/23/24	14:15 Eastern	G	Water			X	1	Use caution! Site contaminated with solvent waste
DUP-2 (240-213578-4)	10/23/24	Eastern	G	Water			X	1	Use caution! Site contaminated with solvent waste
DUP-3 (240-213578-5)	10/23/24	Eastern	G	Water			X	1	Use caution! Site contaminated with solvent waste
SB-6-GW-18-28 (240-213578-6)	10/23/24	14:40 Eastern	G	Water			X	1	Use caution! Site contaminated with solvent waste

Note: Since laboratory accreditations are subject to change, Eurofins Environment Testing North Central, LLC places the ownership of method, analyte & accreditation compliance upon our subcontract laboratories. This sample shipment is forwarded under chain-of-custody. If the laboratory does not currently maintain accreditation in the State of Origin listed above for analysis/tests/matrix being analyzed, the samples must be shipped back to the Eurofins Environment Testing North Central, LLC laboratory or other instructions will be provided. Any changes to accreditation status should be brought to Eurofins Environment Testing North Central, LLC attention immediately. If all requested accreditations are current to date, return the signed Chain of Custody attesting to said compliance to Eurofins Environment Testing North Central, LLC.

Possible Hazard Identification	*Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)*
Unconfirmed	☐ *Return To Client* ☐ *Disposal By Lab* ☐ *Archive For* _____ *Months*
Deliverable Requested: I, II, III, IV, Other (specify) Primary Deliverable Rank: 2	Special Instructions/QC Requirements:

Empty Kit Relinquished by:	Date:	Time:	Method of Shipment:

Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company
Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company
Relinquished by:	Date/Time:	Company	Received by:	Date/Time: 10/26/24 1010	Company

Custody Seals Intact: Δ Yes Δ No	Custody Seal No.:	Cooler Temperature(s) °C and Other Remarks: R 3.8 C 3.5

Ver: 10/10/2024

Login Sample Receipt Checklist

Client: August Mack Environmental, Inc.

Job Number: 240-213578-1

Login Number: 213578
List Number: 2
Creator: Santiago, Nathaniel

List Source: Eurofins Lancaster Laboratories Environment Testing, LLC
List Creation: 10/26/24 10:49 AM

Question	Answer	Comment
The cooler's custody seal is intact.	N/A	
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	True	
Cooler Temperature acceptable,where thermal pres is required(</=6C, not frozen).	True	
Cooler Temperature is recorded.	True	
WV:Container Temp acceptable,where thermal pres is required (</=6C, not frozen).	N/A	
WV: Container Temperature is recorded.	N/A	
COC is present.	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information.	True	
There are no discrepancies between the containers received and the COC.	True	
Sample containers have legible labels.	True	
Containers are not broken or leaking.	True	
Sample collection date/times are provided.	True	
Appropriate sample containers are used.	True	
Sample bottles are completely filled.	True	
There is sufficient vol. for all requested analyses.	True	
Is the Field Sampler's name present on COC?	False	Received project as a subcontract.
Sample custody seals are intact.	N/A	
VOA sample vials do not have headspace >6mm in diameter (none, if from WV)?	N/A	

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ANALYTICAL REPORT

PREPARED FOR

Attn: Kain Lager-Lowe
August Mack Environmental, Inc.
7830 North Central Drive, Suite B
Lewis Center, Ohio 43035

Generated 11/10/2024 5:49:15 PM

JOB DESCRIPTION

MSC Canfield

JOB NUMBER

240-213619-1

Eurofins Cleveland
180 S. Van Buren Avenue
Barberton OH 44203

See page two for job notes and contact information.

my EOL

Job Notes

This report may not be reproduced except in full, and with written approval from the laboratory. The results relate only to the samples tested. For questions please contact the Project Manager at the e-mail address or telephone number listed on this page.

The test results in this report relate only to the samples as received by the laboratory and will meet all requirements of the methodology, with any exceptions noted. This report shall not be reproduced except in full, without the express written approval of the laboratory. All questions should be directed to the Eurofins Environment Testing North Central, LLC Project Manager.

Authorization



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11/10/2024 5:49:15 PM

Authorized for release by
Nicole Kalis, Project Manager I
Nicole.Kalis@et.eurofinsus.com
(330)497-9396

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Definitions/Glossary

Client: August Mack Environmental, Inc. Job ID: 240-213619-1
Project/Site: MSC Canfield

Qualifiers

GC/MS VOA

Qualifier	Qualifier Description
*+	LCS and/or LCSD is outside acceptance limits, high biased.
*3	ISTD response or retention time outside acceptable limits.
B	Compound was found in the blank and sample.
J	Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.

GC/MS Semi VOA

Qualifier	Qualifier Description
B	Compound was found in the blank and sample.
F2	MS/MSD RPD exceeds control limits
J	Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.

Metals

Qualifier	Qualifier Description
F1	MS and/or MSD recovery exceeds control limits.
J	Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.
L	A negative instrument reading had an absolute value greater than the reporting limit

Glossary

Abbreviation	These commonly used abbreviations may or may not be present in this report.
☼	Listed under the "D" column to designate that the result is reported on a dry weight basis
%R	Percent Recovery
CFL	Contains Free Liquid
CFU	Colony Forming Unit
CNF	Contains No Free Liquid
DER	Duplicate Error Ratio (normalized absolute difference)
Dil Fac	Dilution Factor
DL	Detection Limit (DoD/DOE)
DL, RA, RE, IN	Indicates a Dilution, Re-analysis, Re-extraction, or additional Initial metals/anion analysis of the sample
DLC	Decision Level Concentration (Radiochemistry)
EDL	Estimated Detection Limit (Dioxin)
LOD	Limit of Detection (DoD/DOE)
LOQ	Limit of Quantitation (DoD/DOE)
MCL	EPA recommended "Maximum Contaminant Level"
MDA	Minimum Detectable Activity (Radiochemistry)
MDC	Minimum Detectable Concentration (Radiochemistry)
MDL	Method Detection Limit
ML	Minimum Level (Dioxin)
MPN	Most Probable Number
MQL	Method Quantitation Limit
NC	Not Calculated
ND	Not Detected at the reporting limit (or MDL or EDL if shown)
NEG	Negative / Absent
POS	Positive / Present
PQL	Practical Quantitation Limit
PRES	Presumptive
QC	Quality Control
RER	Relative Error Ratio (Radiochemistry)
RL	Reporting Limit or Requested Limit (Radiochemistry)
RPD	Relative Percent Difference, a measure of the relative difference between two points
TEF	Toxicity Equivalent Factor (Dioxin)
TEQ	Toxicity Equivalent Quotient (Dioxin)
TNTC	Too Numerous To Count

Job ID: 240-213619-1 Eurofins Cleveland

Job Narrative
240-213619-1

Analytical test results meet all requirements of the associated regulatory program listed on the Accreditation/Certification Summary Page unless otherwise noted under the individual analysis. Data qualifiers and/or narrative comments are included to explain any exceptions, if applicable.

- Matrix QC may not be reported if insufficient sample is provided or site-specific QC samples were not submitted. In these situations, to demonstrate precision and accuracy at a batch level, a LCS/LCSD may be performed, unless otherwise specified in the method.
- Surrogate and/or isotope dilution analyte recoveries (if applicable) which are outside of the QC window are confirmed unless attributed to a dilution or otherwise noted in the narrative.

Regulated compliance samples (e.g. SDWA, NPDES) must comply with the associated agency requirements/permits.

Receipt
The samples were received on 10/23/2024 4:10 PM. Unless otherwise noted below, the samples arrived in good condition, and, where required, properly preserved and on ice. The temperature of the cooler at receipt time was 5.3°C.

Receipt Exceptions
A second trip blank was submitted for analysis with these samples; however, it was not listed on the Chain of Custody (COC). The client was contracted and directed the lab to cancel the analysis via email on 10/25/24.

GC/MS VOA
Method 8260D: The continuing calibration verification (CCV) analyzed in batch 240-633483 was outside the method criteria for the following analyte(s): Dichlorodifluoromethane and Methylcyclohexane. A CCV standard at or below the reporting limit (RL) was analyzed with the affected samples and found to be acceptable. As indicated in the reference method, sample analysis may proceed; however, any detection for the affected analyte(s) is considered estimated.

Method 8260D: The continuing calibration verification (CCV) associated with batch 240-633439 recovered above the upper control limit for 1,1,2-Trichloro-1,2,2-trifluoroethane, Bromomethane and Vinyl chloride. The samples associated with this CCV were non-detects for the affected analytes; therefore, the data have been reported.

Method 8260D: The laboratory control sample and/or the laboratory control sample duplicate (LCS/LCSD) for preparation batch 240-633561 and analytical batch 240-633439 recovered outside control limits for the following analyte(s): Methylene Chloride. Methylene Chloride has been identified as a poor performing analyte when analyzed using this method; therefore, re-extraction/re-analysis was not performed. These results have been reported and qualified.

Method 8260D: The method blank for preparation batch 240-633561 and analytical batch 240-633439 contained 2-Butanone (MEK) above the method detection limit (MDL). Associated samples were not re-analyzed because the method blank results were less than the reporting limit (RL) OR practical quantitation limit (PQL).

Method 8260D: The laboratory control sample (LCS) for preparation batch 240-633561 and analytical batch 240-633439 recovered outside control limits for the following analyte: Methylene Chloride. Methylene Chloride has been identified as a poor performing analyte when analyzed using this method; therefore, re-extraction/re-analysis was not performed. These results have been reported and qualified.

Method 8260D: The method blank for preparation batch 240-633561 and analytical batch 240-633439 contained 2-Butanone (MEK) above the method detection limit (MDL). Associated samples were not re-analyzed because the method blank results were less than the reporting limit (RL) OR practical quantitation limit (PQL).

Method 8260D: The continuing calibration verification (CCV) associated with batch 240-633439 recovered above the upper control limit for 1,1,2-Trichloro-1,2,2-trifluoroethane, Bromomethane and Vinyl chloride. The samples associated with this CCV were non-detects for the affected analytes; therefore, the data have been reported.

Method 8260D: Internal standard (ISTD) response for the following sample was outside control limits: SB-3-16-18 (240-213619-7). The sample(s) was re-extracted and/or re-analyzed and ISTD response was outside control limits.

No additional analytical or quality issues were noted, other than those described above or in the Definitions/ Glossary page.

Job ID: 240-213619-1 (Continued) Eurofins Cleveland

GC/MS Semi VOA
Method 8270E: The continuing calibration verification (CCV) associated with batch 240-633048 recovered above the upper control limit for Atrazine. The samples associated with this CCV were non-detects for the affected analytes; therefore, the data have been reported. The associated samples are impacted: SB-7-10-12 (240-213619-1), SB-7-16-18 (240-213619-2), SB-7-18-20 (240-213619-3), SB-DUP-5 (240-213619-4), SB-3-6-8 (240-213619-5) and SB-3-10-12 (240-213619-6).

No additional analytical or quality issues were noted, other than those described above or in the Definitions/ Glossary page.

PCBs
Method 8082A: The following samples required a tetrabutylammonium sulfite (TBA) clean-up to reduce matrix interferences caused by sulfur: SB-3-16-18 (240-213619-7) and SB-DUP-6 (240-213619-8).

No additional analytical or quality issues were noted, other than those described above or in the Definitions/ Glossary page.

Metals
No additional analytical or quality issues were noted, other than those described above or in the Definitions/ Glossary page.

General Chemistry
No additional analytical or quality issues were noted, other than those described above or in the Definitions/ Glossary page.

Method Summary

Client: August Mack Environmental, Inc.
Project/Site: MSC Canfield

Job ID: 240-213619-1

Method	Method Description	Protocol	Laboratory
8260D	Volatile Organic Compounds by GC/MS	SW846	EET CLE
8270E	Semivolatile Organic Compounds (GC/MS)	SW846	EET CLE
8082A	Polychlorinated Biphenyls (PCBs) by Gas Chromatography	SW846	EET CLE
6010D	Metals (ICP)	SW846	EET CLE
7471B	Mercury (CVAA)	SW846	EET CLE
7196A	Chromium, Hexavalent	SW846	ELLE
9012B	Cyanide, Total andor Amenable	SW846	EET CLE
Moisture	Percent Moisture	EPA	EET CLE
OIA-1677	Cyanide, Free (Flow Injection)	OI CORP	ELLE
3050B	Preparation, Metals	SW846	EET CLE
3060A	Alkaline Digestion (Chromium, Hexavalent)	SW846	ELLE
3546	Microwave Extraction	SW846	EET CLE
5030C	Purge and Trap	SW846	EET CLE
7471B	Preparation, Mercury	SW846	EET CLE
9012B	Cyanide, Total and/or Amenable, Distillation	SW846	EET CLE
D3987-85	ASTM Leaching Procedure	ASTM	ELLE

Protocol References:

ASTM = ASTM International

EPA = US Environmental Protection Agency

OI CORP = OI Corporation Instrument Manual.

SW846 = "Test Methods For Evaluating Solid Waste, Physical/Chemical Methods", Third Edition, November 1986 And Its Updates.

Laboratory References:

EET CLE = Eurofins Cleveland, 180 S. Van Buren Avenue, Barberton, OH 44203, TEL (330)497-9396

ELLE = Eurofins Lancaster Laboratories Environment Testing, LLC, 2425 New Holland Pike, Lancaster, PA 17601, TEL (717)656-2300

Sample Summary

Client: August Mack Environmental, Inc.
Project/Site: MSC Canfield

Job ID: 240-213619-1

Lab Sample ID	Client Sample ID	Matrix	Collected	Received
240-213619-1	SB-7-10-12	Solid	10/22/24 09:22	10/23/24 16:10
240-213619-2	SB-7-16-18	Solid	10/22/24 09:25	10/23/24 16:10
240-213619-3	SB-7-18-20	Solid	10/22/24 09:28	10/23/24 16:10
240-213619-4	SB-DUP-5	Solid	10/22/24 00:00	10/23/24 16:10
240-213619-5	SB-3-6-8	Solid	10/22/24 13:58	10/23/24 16:10
240-213619-6	SB-3-10-12	Solid	10/22/24 14:00	10/23/24 16:10
240-213619-7	SB-3-16-18	Solid	10/22/24 14:04	10/23/24 16:10
240-213619-8	SB-DUP-6	Solid	10/22/24 00:00	10/23/24 16:10
240-213619-9	TB-15-20241022	Water	10/22/24 00:00	10/23/24 16:10

Detection Summary

Client: August Mack Environmental, Inc.
Project/Site: MSC Canfield

Job ID: 240-213619-1

Client Sample ID: SB-7-10-12 — Lab Sample ID: 240-213619-1

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Arsenic	16		1.4	0.29	mg/Kg	1	☼	6010D	Total/NA
Barium	49		18	0.11	mg/Kg	1	☼	6010D	Total/NA
Cadmium	0.083	J	0.45	0.043	mg/Kg	1	☼	6010D	Total/NA
Chromium	15		0.90	0.31	mg/Kg	1	☼	6010D	Total/NA
Copper	18		2.3	0.63	mg/Kg	1	☼	6010D	Total/NA
Lead	10		0.90	0.25	mg/Kg	1	☼	6010D	Total/NA
Selenium	0.70	J	1.8	0.42	mg/Kg	1	☼	6010D	Total/NA
Zinc	70		4.5	3.3	mg/Kg	1	☼	6010D	Total/NA

Client Sample ID: SB-7-16-18 — Lab Sample ID: 240-213619-2

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Acetone	23	J	27	22	ug/Kg	1	☼	8260D	Total/NA
Toluene	1.0	J	5.3	0.82	ug/Kg	1	☼	8260D	Total/NA
2-Methylnaphthalene	16	J	46	15	ug/Kg	1	☼	8270E	Total/NA
Bis(2-ethylhexyl) phthalate	78	J B	170	65	ug/Kg	1	☼	8270E	Total/NA
Phenanthrene	17	J	46	15	ug/Kg	1	☼	8270E	Total/NA
Arsenic	11		1.6	0.34	mg/Kg	1	☼	6010D	Total/NA
Barium	17	J	22	0.14	mg/Kg	1	☼	6010D	Total/NA
Cadmium	0.059	J	0.54	0.052	mg/Kg	1	☼	6010D	Total/NA
Chromium	12		1.1	0.37	mg/Kg	1	☼	6010D	Total/NA
Copper	18		2.7	0.76	mg/Kg	1	☼	6010D	Total/NA
Lead	8.3		1.1	0.31	mg/Kg	1	☼	6010D	Total/NA
Selenium	0.70	J	2.2	0.51	mg/Kg	1	☼	6010D	Total/NA
Zinc	57		5.4	3.9	mg/Kg	1	☼	6010D	Total/NA

Client Sample ID: SB-7-18-20 — Lab Sample ID: 240-213619-3

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Acetone	30		26	22	ug/Kg	1	☼	8260D	Total/NA
Carbon disulfide	1.7	J	5.3	1.2	ug/Kg	1	☼	8260D	Total/NA
2-Methylnaphthalene	19	J	47	15	ug/Kg	1	☼	8270E	Total/NA
Benzo[b]fluoranthene	21	J	47	14	ug/Kg	1	☼	8270E	Total/NA
Chrysene	21	J	47	16	ug/Kg	1	☼	8270E	Total/NA
Phenanthrene	28	J	47	15	ug/Kg	1	☼	8270E	Total/NA
Arsenic	14		1.6	0.33	mg/Kg	1	☼	6010D	Total/NA
Barium	26		21	0.13	mg/Kg	1	☼	6010D	Total/NA
Cadmium	0.096	J	0.52	0.050	mg/Kg	1	☼	6010D	Total/NA
Chromium	12		1.0	0.36	mg/Kg	1	☼	6010D	Total/NA
Copper	17		2.6	0.73	mg/Kg	1	☼	6010D	Total/NA
Lead	11		1.0	0.29	mg/Kg	1	☼	6010D	Total/NA
Zinc	57		5.2	3.8	mg/Kg	1	☼	6010D	Total/NA

Client Sample ID: SB-DUP-5 — Lab Sample ID: 240-213619-4

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
2-Methylnaphthalene	15	J	46	15	ug/Kg	1	☼	8270E	Total/NA
Phenanthrene	18	J	46	15	ug/Kg	1	☼	8270E	Total/NA
Arsenic	14		1.5	0.31	mg/Kg	1	☼	6010D	Total/NA
Barium	17	J	19	0.12	mg/Kg	1	☼	6010D	Total/NA
Chromium	13		0.97	0.33	mg/Kg	1	☼	6010D	Total/NA
Copper	18		2.4	0.68	mg/Kg	1	☼	6010D	Total/NA

This Detection Summary does not include radiochemical test results.

Detection Summary

Client: August Mack Environmental, Inc.
Project/Site: MSC Canfield

Job ID: 240-213619-1

Client Sample ID: SB-DUP-5 (Continued)

Lab Sample ID: 240-213619-4

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Lead	9.3		0.97	0.27	mg/Kg	1	☼	6010D	Total/NA
Zinc	58		4.9	3.5	mg/Kg	1	☼	6010D	Total/NA

Client Sample ID: SB-3-6-8

Lab Sample ID: 240-213619-5

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Toluene	2.0	J	5.4	0.84	ug/Kg	1	☼	8260D	Total/NA
Arsenic	17		1.2	0.26	mg/Kg	1	☼	6010D	Total/NA
Barium	21		17	0.10	mg/Kg	1	☼	6010D	Total/NA
Cadmium	0.060	J	0.42	0.040	mg/Kg	1	☼	6010D	Total/NA
Chromium	8.2		0.83	0.29	mg/Kg	1	☼	6010D	Total/NA
Copper	27		2.1	0.58	mg/Kg	1	☼	6010D	Total/NA
Lead	11		0.83	0.23	mg/Kg	1	☼	6010D	Total/NA
Zinc	57		4.2	3.0	mg/Kg	1	☼	6010D	Total/NA

Client Sample ID: SB-3-10-12

Lab Sample ID: 240-213619-6

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Acetone	30		27	23	ug/Kg	1	☼	8260D	Total/NA
2-Methylnaphthalene	15	J	45	15	ug/Kg	1	☼	8270E	Total/NA
Phenanthrene	26	J	45	15	ug/Kg	1	☼	8270E	Total/NA
Arsenic	16		1.6	0.33	mg/Kg	1	☼	6010D	Total/NA
Barium	23		21	0.13	mg/Kg	1	☼	6010D	Total/NA
Cadmium	0.051	J	0.52	0.050	mg/Kg	1	☼	6010D	Total/NA
Chromium	13		1.0	0.36	mg/Kg	1	☼	6010D	Total/NA
Copper	59		2.6	0.73	mg/Kg	1	☼	6010D	Total/NA
Lead	9.9		1.0	0.29	mg/Kg	1	☼	6010D	Total/NA
Selenium	0.58	J	2.1	0.49	mg/Kg	1	☼	6010D	Total/NA
Zinc	64		5.2	3.8	mg/Kg	1	☼	6010D	Total/NA

Client Sample ID: SB-3-16-18

Lab Sample ID: 240-213619-7

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
2-Butanone (MEK)	5.1	J B	21	3.8	ug/Kg	1	☼	8260D	Total/NA
Toluene	1.5	J	5.3	0.82	ug/Kg	1	☼	8260D	Total/NA
2-Methylnaphthalene	19	J	47	15	ug/Kg	1	☼	8270E	Total/NA
Benzo[a]pyrene	17	J	47	16	ug/Kg	1	☼	8270E	Total/NA
Benzo[b]fluoranthene	27	J	47	14	ug/Kg	1	☼	8270E	Total/NA
Benzo[g,h,i]perylene	40	J	47	32	ug/Kg	1	☼	8270E	Total/NA
Bis(2-ethylhexyl) phthalate	81	J B	180	66	ug/Kg	1	☼	8270E	Total/NA
Chrysene	29	J	47	16	ug/Kg	1	☼	8270E	Total/NA
Fluoranthene	34	J	47	16	ug/Kg	1	☼	8270E	Total/NA
Phenanthrene	32	J	47	15	ug/Kg	1	☼	8270E	Total/NA
Pyrene	49		47	19	ug/Kg	1	☼	8270E	Total/NA
Arsenic	13		1.4	0.30	mg/Kg	1	☼	6010D	Total/NA
Barium	22		19	0.12	mg/Kg	1	☼	6010D	Total/NA
Chromium	9.5		0.94	0.32	mg/Kg	1	☼	6010D	Total/NA
Copper	18		2.4	0.66	mg/Kg	1	☼	6010D	Total/NA
Lead	9.6		0.94	0.27	mg/Kg	1	☼	6010D	Total/NA
Selenium	0.52	J	1.9	0.44	mg/Kg	1	☼	6010D	Total/NA
Zinc	59		4.7	3.4	mg/Kg	1	☼	6010D	Total/NA

This Detection Summary does not include radiochemical test results.

Detection Summary

Client: August Mack Environmental, Inc.
Project/Site: MSC Canfield

Job ID: 240-213619-1

Client Sample ID: SB-DUP-6 — Lab Sample ID: 240-213619-8

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Acetone	26	J	27	23	ug/Kg	1	☼	8260D	Total/NA
Carbon disulfide	1.8	J	5.4	1.3	ug/Kg	1	☼	8260D	Total/NA
Toluene	1.1	J	5.4	0.84	ug/Kg	1	☼	8260D	Total/NA
Bis(2-ethylhexyl) phthalate	71	J B	170	64	ug/Kg	1	☼	8270E	Total/NA
Arsenic	23		1.2	0.26	mg/Kg	1	☼	6010D	Total/NA
Barium	87		16	0.10	mg/Kg	1	☼	6010D	Total/NA
Cadmium	0.056	J	0.41	0.040	mg/Kg	1	☼	6010D	Total/NA
Chromium	12		0.82	0.28	mg/Kg	1	☼	6010D	Total/NA
Copper	17		2.1	0.58	mg/Kg	1	☼	6010D	Total/NA
Lead	10		0.82	0.23	mg/Kg	1	☼	6010D	Total/NA
Selenium	0.65	J	1.6	0.39	mg/Kg	1	☼	6010D	Total/NA
Zinc	62		4.1	3.0	mg/Kg	1	☼	6010D	Total/NA

Client Sample ID: TB-15-20241022 — Lab Sample ID: 240-213619-9

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
2-Butanone (MEK)	3.9	J	10	1.2	ug/L	1		8260D	Total/NA
Acetone	16		10	5.4	ug/L	1		8260D	Total/NA

This Detection Summary does not include radiochemical test results.

Client: August Mack Environmental, Inc.
Project/Site: MSC Canfield

Job ID: 240-213619-1

Client Sample ID: SB-7-10-12
Date Collected: 10/22/24 09:22
Date Received: 10/23/24 16:10

Lab Sample ID: 240-213619-1
Matrix: Solid
Percent Solids: 85.2

Method: SW846 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		5.7	2.0	ug/Kg	☼	11/01/24 11:52	11/01/24 16:24	1
1,1,2,2-Tetrachloroethane	ND		5.7	1.6	ug/Kg	☼	11/01/24 11:52	11/01/24 16:24	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		5.7	1.5	ug/Kg	☼	11/01/24 11:52	11/01/24 16:24	1
1,1,2-Trichloroethane	ND		5.7	1.3	ug/Kg	☼	11/01/24 11:52	11/01/24 16:24	1
1,1-Dichloroethane	ND		5.7	1.6	ug/Kg	☼	11/01/24 11:52	11/01/24 16:24	1
1,1-Dichloroethene	ND		5.7	2.1	ug/Kg	☼	11/01/24 11:52	11/01/24 16:24	1
1,2,4-Trichlorobenzene	ND		5.7	2.9	ug/Kg	☼	11/01/24 11:52	11/01/24 16:24	1
1,2-Dibromo-3-Chloropropane	ND		11	4.1	ug/Kg	☼	11/01/24 11:52	11/01/24 16:24	1
Ethylene Dibromide	ND		5.7	1.9	ug/Kg	☼	11/01/24 11:52	11/01/24 16:24	1
1,2-Dichlorobenzene	ND		5.7	1.3	ug/Kg	☼	11/01/24 11:52	11/01/24 16:24	1
1,2-Dichloroethane	ND		5.7	2.1	ug/Kg	☼	11/01/24 11:52	11/01/24 16:24	1
1,2-Dichloropropane	ND		5.7	0.98	ug/Kg	☼	11/01/24 11:52	11/01/24 16:24	1
1,3-Dichlorobenzene	ND		5.7	1.9	ug/Kg	☼	11/01/24 11:52	11/01/24 16:24	1
1,4-Dichlorobenzene	ND		5.7	1.0	ug/Kg	☼	11/01/24 11:52	11/01/24 16:24	1
2-Butanone (MEK)	ND		23	4.1	ug/Kg	☼	11/01/24 11:52	11/01/24 16:24	1
2-Hexanone	ND		23	4.7	ug/Kg	☼	11/01/24 11:52	11/01/24 16:24	1
4-Methyl-2-pentanone (MIBK)	ND		23	4.3	ug/Kg	☼	11/01/24 11:52	11/01/24 16:24	1
Acetone	ND		29	24	ug/Kg	☼	11/01/24 11:52	11/01/24 16:24	1
Benzene	ND		5.7	1.7	ug/Kg	☼	11/01/24 11:52	11/01/24 16:24	1
Dichlorobromomethane	ND		5.7	1.7	ug/Kg	☼	11/01/24 11:52	11/01/24 16:24	1
Bromoform	ND		5.7	2.8	ug/Kg	☼	11/01/24 11:52	11/01/24 16:24	1
Bromomethane	ND		5.7	4.8	ug/Kg	☼	11/01/24 11:52	11/01/24 16:24	1
Carbon disulfide	ND		5.7	1.3	ug/Kg	☼	11/01/24 11:52	11/01/24 16:24	1
Carbon tetrachloride	ND		5.7	3.7	ug/Kg	☼	11/01/24 11:52	11/01/24 16:24	1
Chlorobenzene	ND		5.7	1.0	ug/Kg	☼	11/01/24 11:52	11/01/24 16:24	1
Chloroethane	ND		5.7	3.1	ug/Kg	☼	11/01/24 11:52	11/01/24 16:24	1
Chloroform	ND		5.7	2.1	ug/Kg	☼	11/01/24 11:52	11/01/24 16:24	1
Chloromethane	ND		5.7	2.6	ug/Kg	☼	11/01/24 11:52	11/01/24 16:24	1
cis-1,2-Dichloroethene	ND		5.7	1.7	ug/Kg	☼	11/01/24 11:52	11/01/24 16:24	1
cis-1,3-Dichloropropene	ND		5.7	3.3	ug/Kg	☼	11/01/24 11:52	11/01/24 16:24	1
Cyclohexane	ND		11	1.6	ug/Kg	☼	11/01/24 11:52	11/01/24 16:24	1
Chlorodibromomethane	ND		5.7	3.2	ug/Kg	☼	11/01/24 11:52	11/01/24 16:24	1
Dichlorodifluoromethane	ND		5.7	2.6	ug/Kg	☼	11/01/24 11:52	11/01/24 16:24	1
Ethylbenzene	ND		5.7	1.2	ug/Kg	☼	11/01/24 11:52	11/01/24 16:24	1
Isopropylbenzene	ND		5.7	2.2	ug/Kg	☼	11/01/24 11:52	11/01/24 16:24	1
Methyl acetate	ND		29	3.9	ug/Kg	☼	11/01/24 11:52	11/01/24 16:24	1
Methyl tert-butyl ether	ND		5.7	2.3	ug/Kg	☼	11/01/24 11:52	11/01/24 16:24	1
Methylcyclohexane	ND		11	1.4	ug/Kg	☼	11/01/24 11:52	11/01/24 16:24	1
Methylene Chloride	ND	*+	29	14	ug/Kg	☼	11/01/24 11:52	11/01/24 16:24	1
Styrene	ND		5.7	1.3	ug/Kg	☼	11/01/24 11:52	11/01/24 16:24	1
Tetrachloroethene	ND		5.7	2.2	ug/Kg	☼	11/01/24 11:52	11/01/24 16:24	1
Toluene	ND		5.7	0.89	ug/Kg	☼	11/01/24 11:52	11/01/24 16:24	1
trans-1,2-Dichloroethene	ND		5.7	1.6	ug/Kg	☼	11/01/24 11:52	11/01/24 16:24	1
trans-1,3-Dichloropropene	ND		5.7	2.1	ug/Kg	☼	11/01/24 11:52	11/01/24 16:24	1
Trichloroethene	ND		5.7	1.6	ug/Kg	☼	11/01/24 11:52	11/01/24 16:24	1
Trichlorofluoromethane	ND		5.7	3.1	ug/Kg	☼	11/01/24 11:52	11/01/24 16:24	1
Vinyl chloride	ND		5.7	2.0	ug/Kg	☼	11/01/24 11:52	11/01/24 16:24	1
Xylenes, Total	ND		11	1.8	ug/Kg	☼	11/01/24 11:52	11/01/24 16:24	1

Client Sample ID: SB-7-10-12
Date Collected: 10/22/24 09:22
Date Received: 10/23/24 16:10

Lab Sample ID: 240-213619-1
Matrix: Solid
Percent Solids: 85.2

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Toluene-d8 (Surr)	*103*		*56 - 125*	*11/01/24 11:52*	*11/01/24 16:24*	*1*
Dibromofluoromethane (Surr)	*101*		*41 - 138*	*11/01/24 11:52*	*11/01/24 16:24*	*1*
4-Bromofluorobenzene (Surr)	*92*		*41 - 143*	*11/01/24 11:52*	*11/01/24 16:24*	*1*
1,2-Dichloroethane-d4 (Surr)	*102*		*58 - 125*	*11/01/24 11:52*	*11/01/24 16:24*	*1*

Method: SW846 8270E - Semivolatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1'-Biphenyl	ND		120	33	ug/Kg	☼	10/28/24 08:13	10/30/24 11:52	1
bis (2-chloroisopropyl) ether	ND		120	31	ug/Kg	☼	10/28/24 08:13	10/30/24 11:52	1
2,4,5-Trichlorophenol	ND		180	39	ug/Kg	☼	10/28/24 08:13	10/30/24 11:52	1
2,4,6-Trichlorophenol	ND		180	35	ug/Kg	☼	10/28/24 08:13	10/30/24 11:52	1
2,4-Dichlorophenol	ND		180	32	ug/Kg	☼	10/28/24 08:13	10/30/24 11:52	1
2,4-Dimethylphenol	ND		180	43	ug/Kg	☼	10/28/24 08:13	10/30/24 11:52	1
2,4-Dinitrophenol	ND	F2	390	200	ug/Kg	☼	10/28/24 08:13	10/30/24 11:52	1
2,4-Dinitrotoluene	ND		240	27	ug/Kg	☼	10/28/24 08:13	10/30/24 11:52	1
2,6-Dinitrotoluene	ND		240	43	ug/Kg	☼	10/28/24 08:13	10/30/24 11:52	1
2-Chloronaphthalene	ND		120	33	ug/Kg	☼	10/28/24 08:13	10/30/24 11:52	1
2-Chlorophenol	ND		120	31	ug/Kg	☼	10/28/24 08:13	10/30/24 11:52	1
2-Methylnaphthalene	ND		48	15	ug/Kg	☼	10/28/24 08:13	10/30/24 11:52	1
2-Methylphenol	ND		240	49	ug/Kg	☼	10/28/24 08:13	10/30/24 11:52	1
2-Nitroaniline	ND		240	45	ug/Kg	☼	10/28/24 08:13	10/30/24 11:52	1
2-Nitrophenol	ND		120	42	ug/Kg	☼	10/28/24 08:13	10/30/24 11:52	1
3,3'-Dichlorobenzidine	ND		180	110	ug/Kg	☼	10/28/24 08:13	10/30/24 11:52	1
3-Nitroaniline	ND		240	42	ug/Kg	☼	10/28/24 08:13	10/30/24 11:52	1
4,6-Dinitro-2-methylphenol	ND		390	120	ug/Kg	☼	10/28/24 08:13	10/30/24 11:52	1
4-Bromophenyl phenyl ether	ND		120	38	ug/Kg	☼	10/28/24 08:13	10/30/24 11:52	1
4-Chloro-3-methylphenol	ND		180	45	ug/Kg	☼	10/28/24 08:13	10/30/24 11:52	1
4-Chloroaniline	ND		180	19	ug/Kg	☼	10/28/24 08:13	10/30/24 11:52	1
4-Chlorophenyl phenyl ether	ND		120	33	ug/Kg	☼	10/28/24 08:13	10/30/24 11:52	1
4-Nitroaniline	ND		240	31	ug/Kg	☼	10/28/24 08:13	10/30/24 11:52	1
4-Nitrophenol	ND		390	110	ug/Kg	☼	10/28/24 08:13	10/30/24 11:52	1
Acenaphthene	ND		48	17	ug/Kg	☼	10/28/24 08:13	10/30/24 11:52	1
Acenaphthylene	ND		48	18	ug/Kg	☼	10/28/24 08:13	10/30/24 11:52	1
Acetophenone	ND		120	30	ug/Kg	☼	10/28/24 08:13	10/30/24 11:52	1
Anthracene	ND		48	14	ug/Kg	☼	10/28/24 08:13	10/30/24 11:52	1
Atrazine	ND		390	82	ug/Kg	☼	10/28/24 08:13	10/30/24 11:52	1
Benzaldehyde	ND		390	67	ug/Kg	☼	10/28/24 08:13	10/30/24 11:52	1
Benzo[a]anthracene	ND		48	18	ug/Kg	☼	10/28/24 08:13	10/30/24 11:52	1
Benzo[a]pyrene	ND		48	17	ug/Kg	☼	10/28/24 08:13	10/30/24 11:52	1
Benzo[b]fluoranthene	ND		48	14	ug/Kg	☼	10/28/24 08:13	10/30/24 11:52	1
Benzo[g,h,i]perylene	ND		48	32	ug/Kg	☼	10/28/24 08:13	10/30/24 11:52	1
Benzo[k]fluoranthene	ND		48	12	ug/Kg	☼	10/28/24 08:13	10/30/24 11:52	1
Bis(2-chloroethoxy)methane	ND		120	24	ug/Kg	☼	10/28/24 08:13	10/30/24 11:52	1
Bis(2-chloroethyl)ether	ND		120	26	ug/Kg	☼	10/28/24 08:13	10/30/24 11:52	1
Bis(2-ethylhexyl) phthalate	ND		180	67	ug/Kg	☼	10/28/24 08:13	10/30/24 11:52	1
Butyl benzyl phthalate	ND		180	61	ug/Kg	☼	10/28/24 08:13	10/30/24 11:52	1
Caprolactam	ND		390	82	ug/Kg	☼	10/28/24 08:13	10/30/24 11:52	1
Carbazole	ND		120	32	ug/Kg	☼	10/28/24 08:13	10/30/24 11:52	1
Chrysene	ND		48	17	ug/Kg	☼	10/28/24 08:13	10/30/24 11:52	1
Dibenz(a,h)anthracene	ND		48	18	ug/Kg	☼	10/28/24 08:13	10/30/24 11:52	1

Client Sample ID: SB-7-10-12
Date Collected: 10/22/24 09:22
Date Received: 10/23/24 16:10

Lab Sample ID: 240-213619-1
Matrix: Solid
Percent Solids: 85.2

Method: SW846 8270E - Semivolatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Dibenzofuran	ND		120	35	ug/Kg	☼	10/28/24 08:13	10/30/24 11:52	1
Diethyl phthalate	ND		180	51	ug/Kg	☼	10/28/24 08:13	10/30/24 11:52	1
Dimethyl phthalate	ND		180	48	ug/Kg	☼	10/28/24 08:13	10/30/24 11:52	1
Di-n-butyl phthalate	ND		180	61	ug/Kg	☼	10/28/24 08:13	10/30/24 11:52	1
Di-n-octyl phthalate	ND		180	60	ug/Kg	☼	10/28/24 08:13	10/30/24 11:52	1
Fluoranthene	ND		48	17	ug/Kg	☼	10/28/24 08:13	10/30/24 11:52	1
Fluorene	ND		48	17	ug/Kg	☼	10/28/24 08:13	10/30/24 11:52	1
Hexachlorobenzene	ND		48	17	ug/Kg	☼	10/28/24 08:13	10/30/24 11:52	1
Hexachlorobutadiene	ND		120	25	ug/Kg	☼	10/28/24 08:13	10/30/24 11:52	1
Hexachlorocyclopentadiene	ND		390	46	ug/Kg	☼	10/28/24 08:13	10/30/24 11:52	1
Hexachloroethane	ND		120	38	ug/Kg	☼	10/28/24 08:13	10/30/24 11:52	1
Indeno[1,2,3-cd]pyrene	ND		48	14	ug/Kg	☼	10/28/24 08:13	10/30/24 11:52	1
Isophorone	ND		120	31	ug/Kg	☼	10/28/24 08:13	10/30/24 11:52	1
N-Nitrosodi-n-propylamine	ND		120	44	ug/Kg	☼	10/28/24 08:13	10/30/24 11:52	1
N-Nitrosodiphenylamine	ND		120	32	ug/Kg	☼	10/28/24 08:13	10/30/24 11:52	1
Naphthalene	ND		48	15	ug/Kg	☼	10/28/24 08:13	10/30/24 11:52	1
Nitrobenzene	ND		120	26	ug/Kg	☼	10/28/24 08:13	10/30/24 11:52	1
Pentachlorophenol	ND		320	130	ug/Kg	☼	10/28/24 08:13	10/30/24 11:52	1
Phenanthrene	ND		48	15	ug/Kg	☼	10/28/24 08:13	10/30/24 11:52	1
Phenol	ND		120	45	ug/Kg	☼	10/28/24 08:13	10/30/24 11:52	1
Pyrene	ND		48	19	ug/Kg	☼	10/28/24 08:13	10/30/24 11:52	1
3 & 4 Methylphenol	ND		480	49	ug/Kg	☼	10/28/24 08:13	10/30/24 11:52	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Terphenyl-d14 (Surr)	*79*		*37 - 120*	*10/28/24 08:13*	*10/30/24 11:52*	*1*
Phenol-d5 (Surr)	*77*		*29 - 120*	*10/28/24 08:13*	*10/30/24 11:52*	*1*
Nitrobenzene-d5 (Surr)	*67*		*28 - 120*	*10/28/24 08:13*	*10/30/24 11:52*	*1*
2-Fluorophenol (Surr)	*76*		*26 - 120*	*10/28/24 08:13*	*10/30/24 11:52*	*1*
2-Fluorobiphenyl (Surr)	*75*		*36 - 120*	*10/28/24 08:13*	*10/30/24 11:52*	*1*
2,4,6-Tribromophenol (Surr)	*38*		*10 - 120*	*10/28/24 08:13*	*10/30/24 11:52*	*1*

Method: SW846 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aroclor-1016	ND		60	30	ug/Kg	☼	10/29/24 08:34	10/29/24 21:14	1
Aroclor-1221	ND		60	36	ug/Kg	☼	10/29/24 08:34	10/29/24 21:14	1
Aroclor-1232	ND		60	25	ug/Kg	☼	10/29/24 08:34	10/29/24 21:14	1
Aroclor-1242	ND		60	23	ug/Kg	☼	10/29/24 08:34	10/29/24 21:14	1
Aroclor-1248	ND		60	20	ug/Kg	☼	10/29/24 08:34	10/29/24 21:14	1
Aroclor-1254	ND		60	25	ug/Kg	☼	10/29/24 08:34	10/29/24 21:14	1
Aroclor-1260	ND		60	25	ug/Kg	☼	10/29/24 08:34	10/29/24 21:14	1
Aroclor-1262	ND		60	26	ug/Kg	☼	10/29/24 08:34	10/29/24 21:14	1
Aroclor-1268	ND		60	19	ug/Kg	☼	10/29/24 08:34	10/29/24 21:14	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Tetrachloro-m-xylene	*70*		*10 - 149*	*10/29/24 08:34*	*10/29/24 21:14*	*1*
DCB Decachlorobiphenyl	*82*		*10 - 174*	*10/29/24 08:34*	*10/29/24 21:14*	*1*

Method: SW846 6010D - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	**16**		1.4	0.29	mg/Kg	☼	10/25/24 15:00	10/28/24 14:03	1

Client: August Mack Environmental, Inc.
Project/Site: MSC Canfield

Job ID: 240-213619-1

Client Sample ID: SB-7-10-12
Date Collected: 10/22/24 09:22
Date Received: 10/23/24 16:10

Lab Sample ID: 240-213619-1
Matrix: Solid
Percent Solids: 85.2

Method: SW846 6010D - Metals (ICP) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Barium	49		18	0.11	mg/Kg	☼	10/25/24 15:00	10/28/24 14:03	1
Cadmium	0.083	J	0.45	0.043	mg/Kg	☼	10/25/24 15:00	10/28/24 14:03	1
Chromium	15		0.90	0.31	mg/Kg	☼	10/25/24 15:00	10/28/24 14:03	1
Copper	18		2.3	0.63	mg/Kg	☼	10/25/24 15:00	10/28/24 14:03	1
Lead	10		0.90	0.25	mg/Kg	☼	10/25/24 15:00	10/28/24 14:03	1
Selenium	0.70	J	1.8	0.42	mg/Kg	☼	10/25/24 15:00	10/28/24 14:03	1
Silver	ND	F1 L	0.90	0.073	mg/Kg	☼	10/25/24 15:00	10/28/24 14:03	1
Zinc	70		4.5	3.3	mg/Kg	☼	10/25/24 15:00	10/28/24 14:03	1

Method: SW846 7471B - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	ND		0.11	0.020	mg/Kg	☼	10/25/24 15:00	10/28/24 11:23	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cr (VI) (SW846 7196A)	ND		0.49	0.16	mg/Kg	☼	11/05/24 11:16	11/05/24 22:06	1
Cyanide, Total (SW846 9012B)	ND		0.61	0.49	mg/Kg	☼	11/01/24 15:14	11/01/24 17:32	1

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Solids (EPA Moisture)	85.2		0.1	0.1	%			10/25/24 12:20	1
Percent Moisture (EPA Moisture)	14.8		0.1	0.1	%			10/25/24 12:20	1

General Chemistry - ASTM Leach

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cyanide, Free (OI CORP OIA-1677)	ND		0.0060	0.0050	mg/L			11/10/24 15:42	1

Client: August Mack Environmental, Inc.
Project/Site: MSC Canfield

Job ID: 240-213619-1

Client Sample ID: SB-7-16-18
Date Collected: 10/22/24 09:25
Date Received: 10/23/24 16:10

Lab Sample ID: 240-213619-2
Matrix: Solid
Percent Solids: 87.9

Method: SW846 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		5.3	1.9	ug/Kg	☼	11/01/24 11:52	11/01/24 17:50	1
1,1,2,2-Tetrachloroethane	ND		5.3	1.5	ug/Kg	☼	11/01/24 11:52	11/01/24 17:50	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		5.3	1.4	ug/Kg	☼	11/01/24 11:52	11/01/24 17:50	1
1,1,2-Trichloroethane	ND		5.3	1.2	ug/Kg	☼	11/01/24 11:52	11/01/24 17:50	1
1,1-Dichloroethane	ND		5.3	1.5	ug/Kg	☼	11/01/24 11:52	11/01/24 17:50	1
1,1-Dichloroethene	ND		5.3	1.9	ug/Kg	☼	11/01/24 11:52	11/01/24 17:50	1
1,2,4-Trichlorobenzene	ND		5.3	2.7	ug/Kg	☼	11/01/24 11:52	11/01/24 17:50	1
1,2-Dibromo-3-Chloropropane	ND		11	3.8	ug/Kg	☼	11/01/24 11:52	11/01/24 17:50	1
Ethylene Dibromide	ND		5.3	1.8	ug/Kg	☼	11/01/24 11:52	11/01/24 17:50	1
1,2-Dichlorobenzene	ND		5.3	1.2	ug/Kg	☼	11/01/24 11:52	11/01/24 17:50	1
1,2-Dichloroethane	ND		5.3	1.9	ug/Kg	☼	11/01/24 11:52	11/01/24 17:50	1
1,2-Dichloropropane	ND		5.3	0.91	ug/Kg	☼	11/01/24 11:52	11/01/24 17:50	1
1,3-Dichlorobenzene	ND		5.3	1.8	ug/Kg	☼	11/01/24 11:52	11/01/24 17:50	1
1,4-Dichlorobenzene	ND		5.3	0.94	ug/Kg	☼	11/01/24 11:52	11/01/24 17:50	1
2-Butanone (MEK)	ND		21	3.8	ug/Kg	☼	11/01/24 11:52	11/01/24 17:50	1
2-Hexanone	ND		21	4.4	ug/Kg	☼	11/01/24 11:52	11/01/24 17:50	1
4-Methyl-2-pentanone (MIBK)	ND		21	4.0	ug/Kg	☼	11/01/24 11:52	11/01/24 17:50	1
Acetone	**23**	**J**	27	22	ug/Kg	☼	11/01/24 11:52	11/01/24 17:50	1
Benzene	ND		5.3	1.6	ug/Kg	☼	11/01/24 11:52	11/01/24 17:50	1
Dichlorobromomethane	ND		5.3	1.6	ug/Kg	☼	11/01/24 11:52	11/01/24 17:50	1
Bromoform	ND		5.3	2.6	ug/Kg	☼	11/01/24 11:52	11/01/24 17:50	1
Bromomethane	ND		5.3	4.4	ug/Kg	☼	11/01/24 11:52	11/01/24 17:50	1
Carbon disulfide	ND		5.3	1.2	ug/Kg	☼	11/01/24 11:52	11/01/24 17:50	1
Carbon tetrachloride	ND		5.3	3.5	ug/Kg	☼	11/01/24 11:52	11/01/24 17:50	1
Chlorobenzene	ND		5.3	0.98	ug/Kg	☼	11/01/24 11:52	11/01/24 17:50	1
Chloroethane	ND		5.3	2.9	ug/Kg	☼	11/01/24 11:52	11/01/24 17:50	1
Chloroform	ND		5.3	1.9	ug/Kg	☼	11/01/24 11:52	11/01/24 17:50	1
Chloromethane	ND		5.3	2.4	ug/Kg	☼	11/01/24 11:52	11/01/24 17:50	1
cis-1,2-Dichloroethene	ND		5.3	1.6	ug/Kg	☼	11/01/24 11:52	11/01/24 17:50	1
cis-1,3-Dichloropropene	ND		5.3	3.1	ug/Kg	☼	11/01/24 11:52	11/01/24 17:50	1
Cyclohexane	ND		11	1.5	ug/Kg	☼	11/01/24 11:52	11/01/24 17:50	1
Chlorodibromomethane	ND		5.3	3.0	ug/Kg	☼	11/01/24 11:52	11/01/24 17:50	1
Dichlorodifluoromethane	ND		5.3	2.4	ug/Kg	☼	11/01/24 11:52	11/01/24 17:50	1
Ethylbenzene	ND		5.3	1.1	ug/Kg	☼	11/01/24 11:52	11/01/24 17:50	1
Isopropylbenzene	ND		5.3	2.0	ug/Kg	☼	11/01/24 11:52	11/01/24 17:50	1
Methyl acetate	ND		27	3.6	ug/Kg	☼	11/01/24 11:52	11/01/24 17:50	1
Methyl tert-butyl ether	ND		5.3	2.1	ug/Kg	☼	11/01/24 11:52	11/01/24 17:50	1
Methylcyclohexane	ND		11	1.3	ug/Kg	☼	11/01/24 11:52	11/01/24 17:50	1
Methylene Chloride	ND	*+	27	13	ug/Kg	☼	11/01/24 11:52	11/01/24 17:50	1
Styrene	ND		5.3	1.2	ug/Kg	☼	11/01/24 11:52	11/01/24 17:50	1
Tetrachloroethene	ND		5.3	2.0	ug/Kg	☼	11/01/24 11:52	11/01/24 17:50	1
Toluene	**1.0**	**J**	5.3	0.82	ug/Kg	☼	11/01/24 11:52	11/01/24 17:50	1
trans-1,2-Dichloroethene	ND		5.3	1.5	ug/Kg	☼	11/01/24 11:52	11/01/24 17:50	1
trans-1,3-Dichloropropene	ND		5.3	1.9	ug/Kg	☼	11/01/24 11:52	11/01/24 17:50	1
Trichloroethene	ND		5.3	1.5	ug/Kg	☼	11/01/24 11:52	11/01/24 17:50	1
Trichlorofluoromethane	ND		5.3	2.9	ug/Kg	☼	11/01/24 11:52	11/01/24 17:50	1
Vinyl chloride	ND		5.3	1.9	ug/Kg	☼	11/01/24 11:52	11/01/24 17:50	1
Xylenes, Total	ND		11	1.7	ug/Kg	☼	11/01/24 11:52	11/01/24 17:50	1

Client Sample ID: SB-7-16-18
Date Collected: 10/22/24 09:25
Date Received: 10/23/24 16:10

Lab Sample ID: 240-213619-2
Matrix: Solid
Percent Solids: 87.9

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Toluene-d8 (Surr)	*104*		*56 - 125*	*11/01/24 11:52*	*11/01/24 17:50*	*1*
Dibromofluoromethane (Surr)	*99*		*41 - 138*	*11/01/24 11:52*	*11/01/24 17:50*	*1*
4-Bromofluorobenzene (Surr)	*94*		*41 - 143*	*11/01/24 11:52*	*11/01/24 17:50*	*1*
1,2-Dichloroethane-d4 (Surr)	*100*		*58 - 125*	*11/01/24 11:52*	*11/01/24 17:50*	*1*

Method: SW846 8270E - Semivolatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1'-Biphenyl	ND		120	33	ug/Kg	☼	10/28/24 08:13	10/30/24 13:04	1
bis (2-chloroisopropyl) ether	ND		120	30	ug/Kg	☼	10/28/24 08:13	10/30/24 13:04	1
2,4,5-Trichlorophenol	ND		170	38	ug/Kg	☼	10/28/24 08:13	10/30/24 13:04	1
2,4,6-Trichlorophenol	ND		170	34	ug/Kg	☼	10/28/24 08:13	10/30/24 13:04	1
2,4-Dichlorophenol	ND		170	31	ug/Kg	☼	10/28/24 08:13	10/30/24 13:04	1
2,4-Dimethylphenol	ND		170	42	ug/Kg	☼	10/28/24 08:13	10/30/24 13:04	1
2,4-Dinitrophenol	ND		380	200	ug/Kg	☼	10/28/24 08:13	10/30/24 13:04	1
2,4-Dinitrotoluene	ND		230	27	ug/Kg	☼	10/28/24 08:13	10/30/24 13:04	1
2,6-Dinitrotoluene	ND		230	42	ug/Kg	☼	10/28/24 08:13	10/30/24 13:04	1
2-Chloronaphthalene	ND		120	33	ug/Kg	☼	10/28/24 08:13	10/30/24 13:04	1
2-Chlorophenol	ND		120	30	ug/Kg	☼	10/28/24 08:13	10/30/24 13:04	1
2-Methylnaphthalene	**16**	**J**	46	15	ug/Kg	☼	10/28/24 08:13	10/30/24 13:04	1
2-Methylphenol	ND		230	48	ug/Kg	☼	10/28/24 08:13	10/30/24 13:04	1
2-Nitroaniline	ND		230	44	ug/Kg	☼	10/28/24 08:13	10/30/24 13:04	1
2-Nitrophenol	ND		120	41	ug/Kg	☼	10/28/24 08:13	10/30/24 13:04	1
3,3'-Dichlorobenzidine	ND		170	110	ug/Kg	☼	10/28/24 08:13	10/30/24 13:04	1
3-Nitroaniline	ND		230	41	ug/Kg	☼	10/28/24 08:13	10/30/24 13:04	1
4,6-Dinitro-2-methylphenol	ND		380	120	ug/Kg	☼	10/28/24 08:13	10/30/24 13:04	1
4-Bromophenyl phenyl ether	ND		120	37	ug/Kg	☼	10/28/24 08:13	10/30/24 13:04	1
4-Chloro-3-methylphenol	ND		170	44	ug/Kg	☼	10/28/24 08:13	10/30/24 13:04	1
4-Chloroaniline	ND		170	19	ug/Kg	☼	10/28/24 08:13	10/30/24 13:04	1
4-Chlorophenyl phenyl ether	ND		120	33	ug/Kg	☼	10/28/24 08:13	10/30/24 13:04	1
4-Nitroaniline	ND		230	30	ug/Kg	☼	10/28/24 08:13	10/30/24 13:04	1
4-Nitrophenol	ND		380	100	ug/Kg	☼	10/28/24 08:13	10/30/24 13:04	1
Acenaphthene	ND		46	16	ug/Kg	☼	10/28/24 08:13	10/30/24 13:04	1
Acenaphthylene	ND		46	17	ug/Kg	☼	10/28/24 08:13	10/30/24 13:04	1
Acetophenone	ND		120	29	ug/Kg	☼	10/28/24 08:13	10/30/24 13:04	1
Anthracene	ND		46	14	ug/Kg	☼	10/28/24 08:13	10/30/24 13:04	1
Atrazine	ND		380	80	ug/Kg	☼	10/28/24 08:13	10/30/24 13:04	1
Benzaldehyde	ND		380	65	ug/Kg	☼	10/28/24 08:13	10/30/24 13:04	1
Benzo[a]anthracene	ND		46	17	ug/Kg	☼	10/28/24 08:13	10/30/24 13:04	1
Benzo[a]pyrene	ND		46	16	ug/Kg	☼	10/28/24 08:13	10/30/24 13:04	1
Benzo[b]fluoranthene	ND		46	14	ug/Kg	☼	10/28/24 08:13	10/30/24 13:04	1
Benzo[g,h,i]perylene	ND		46	31	ug/Kg	☼	10/28/24 08:13	10/30/24 13:04	1
Benzo[k]fluoranthene	ND		46	12	ug/Kg	☼	10/28/24 08:13	10/30/24 13:04	1
Bis(2-chloroethoxy)methane	ND		120	23	ug/Kg	☼	10/28/24 08:13	10/30/24 13:04	1
Bis(2-chloroethyl)ether	ND		120	26	ug/Kg	☼	10/28/24 08:13	10/30/24 13:04	1
Bis(2-ethylhexyl) phthalate	**78**	**J B**	170	65	ug/Kg	☼	10/28/24 08:13	10/30/24 13:04	1
Butyl benzyl phthalate	ND		170	59	ug/Kg	☼	10/28/24 08:13	10/30/24 13:04	1
Caprolactam	ND		380	80	ug/Kg	☼	10/28/24 08:13	10/30/24 13:04	1
Carbazole	ND		120	31	ug/Kg	☼	10/28/24 08:13	10/30/24 13:04	1
Chrysene	ND		46	16	ug/Kg	☼	10/28/24 08:13	10/30/24 13:04	1
Dibenz(a,h)anthracene	ND		46	17	ug/Kg	☼	10/28/24 08:13	10/30/24 13:04	1

Client Sample ID: SB-7-16-18
Date Collected: 10/22/24 09:25
Date Received: 10/23/24 16:10

Lab Sample ID: 240-213619-2
Matrix: Solid
Percent Solids: 87.9

Method: SW846 8270E - Semivolatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Dibenzofuran	ND		120	34	ug/Kg	☼	10/28/24 08:13	10/30/24 13:04	1
Diethyl phthalate	ND		170	50	ug/Kg	☼	10/28/24 08:13	10/30/24 13:04	1
Dimethyl phthalate	ND		170	46	ug/Kg	☼	10/28/24 08:13	10/30/24 13:04	1
Di-n-butyl phthalate	ND		170	59	ug/Kg	☼	10/28/24 08:13	10/30/24 13:04	1
Di-n-octyl phthalate	ND		170	58	ug/Kg	☼	10/28/24 08:13	10/30/24 13:04	1
Fluoranthene	ND		46	16	ug/Kg	☼	10/28/24 08:13	10/30/24 13:04	1
Fluorene	ND		46	16	ug/Kg	☼	10/28/24 08:13	10/30/24 13:04	1
Hexachlorobenzene	ND		46	16	ug/Kg	☼	10/28/24 08:13	10/30/24 13:04	1
Hexachlorobutadiene	ND		120	24	ug/Kg	☼	10/28/24 08:13	10/30/24 13:04	1
Hexachlorocyclopentadiene	ND		380	45	ug/Kg	☼	10/28/24 08:13	10/30/24 13:04	1
Hexachloroethane	ND		120	37	ug/Kg	☼	10/28/24 08:13	10/30/24 13:04	1
Indeno[1,2,3-cd]pyrene	ND		46	14	ug/Kg	☼	10/28/24 08:13	10/30/24 13:04	1
Isophorone	ND		120	30	ug/Kg	☼	10/28/24 08:13	10/30/24 13:04	1
N-Nitrosodi-n-propylamine	ND		120	43	ug/Kg	☼	10/28/24 08:13	10/30/24 13:04	1
N-Nitrosodiphenylamine	ND		120	31	ug/Kg	☼	10/28/24 08:13	10/30/24 13:04	1
Naphthalene	ND		46	15	ug/Kg	☼	10/28/24 08:13	10/30/24 13:04	1
Nitrobenzene	ND		120	26	ug/Kg	☼	10/28/24 08:13	10/30/24 13:04	1
Pentachlorophenol	ND		310	120	ug/Kg	☼	10/28/24 08:13	10/30/24 13:04	1
Phenanthrene	**17**	**J**	46	15	ug/Kg	☼	10/28/24 08:13	10/30/24 13:04	1
Phenol	ND		120	44	ug/Kg	☼	10/28/24 08:13	10/30/24 13:04	1
Pyrene	ND		46	19	ug/Kg	☼	10/28/24 08:13	10/30/24 13:04	1
3 & 4 Methylphenol	ND		460	48	ug/Kg	☼	10/28/24 08:13	10/30/24 13:04	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Terphenyl-d14 (Surr)	*78*		*37 - 120*	*10/28/24 08:13*	*10/30/24 13:04*	*1*
Phenol-d5 (Surr)	*80*		*29 - 120*	*10/28/24 08:13*	*10/30/24 13:04*	*1*
Nitrobenzene-d5 (Surr)	*70*		*28 - 120*	*10/28/24 08:13*	*10/30/24 13:04*	*1*
2-Fluorophenol (Surr)	*78*		*26 - 120*	*10/28/24 08:13*	*10/30/24 13:04*	*1*
2-Fluorobiphenyl (Surr)	*77*		*36 - 120*	*10/28/24 08:13*	*10/30/24 13:04*	*1*
2,4,6-Tribromophenol (Surr)	*58*		*10 - 120*	*10/28/24 08:13*	*10/30/24 13:04*	*1*

Method: SW846 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aroclor-1016	ND		55	28	ug/Kg	☼	10/29/24 08:34	10/29/24 21:57	1
Aroclor-1221	ND		55	33	ug/Kg	☼	10/29/24 08:34	10/29/24 21:57	1
Aroclor-1232	ND		55	23	ug/Kg	☼	10/29/24 08:34	10/29/24 21:57	1
Aroclor-1242	ND		55	21	ug/Kg	☼	10/29/24 08:34	10/29/24 21:57	1
Aroclor-1248	ND		55	19	ug/Kg	☼	10/29/24 08:34	10/29/24 21:57	1
Aroclor-1254	ND		55	23	ug/Kg	☼	10/29/24 08:34	10/29/24 21:57	1
Aroclor-1260	ND		55	23	ug/Kg	☼	10/29/24 08:34	10/29/24 21:57	1
Aroclor-1262	ND		55	24	ug/Kg	☼	10/29/24 08:34	10/29/24 21:57	1
Aroclor-1268	ND		55	18	ug/Kg	☼	10/29/24 08:34	10/29/24 21:57	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Tetrachloro-m-xylene	*78*		*10 - 149*	*10/29/24 08:34*	*10/29/24 21:57*	*1*
DCB Decachlorobiphenyl	*104*		*10 - 174*	*10/29/24 08:34*	*10/29/24 21:57*	*1*

Method: SW846 6010D - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	**11**		1.6	0.34	mg/Kg	☼	10/25/24 15:00	10/28/24 14:44	1

Client: August Mack Environmental, Inc.
Project/Site: MSC Canfield

Job ID: 240-213619-1

Client Sample ID: SB-7-16-18

Date Collected: 10/22/24 09:25
Date Received: 10/23/24 16:10

Lab Sample ID: 240-213619-2

Matrix: Solid
Percent Solids: 87.9

Method: SW846 6010D - Metals (ICP) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Barium	17	J	22	0.14	mg/Kg	☼	10/25/24 15:00	10/28/24 14:44	1
Cadmium	0.059	J	0.54	0.052	mg/Kg	☼	10/25/24 15:00	10/28/24 14:44	1
Chromium	12		1.1	0.37	mg/Kg	☼	10/25/24 15:00	10/28/24 14:44	1
Copper	18		2.7	0.76	mg/Kg	☼	10/25/24 15:00	10/28/24 14:44	1
Lead	8.3		1.1	0.31	mg/Kg	☼	10/25/24 15:00	10/28/24 14:44	1
Selenium	0.70	J	2.2	0.51	mg/Kg	☼	10/25/24 15:00	10/28/24 14:44	1
Silver	ND		1.1	0.088	mg/Kg	☼	10/25/24 15:00	10/28/24 14:44	1
Zinc	57		5.4	3.9	mg/Kg	☼	10/25/24 15:00	10/28/24 14:44	1

Method: SW846 7471B - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	ND		0.099	0.018	mg/Kg	☼	10/25/24 15:00	10/28/24 11:28	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cr (VI) (SW846 7196A)	ND		0.47	0.16	mg/Kg	☼	11/05/24 11:16	11/05/24 22:06	1
Cyanide, Total (SW846 9012B)	ND		0.53	0.42	mg/Kg	☼	11/01/24 15:14	11/01/24 17:37	1

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Solids (EPA Moisture)	87.9		0.1	0.1	%			10/25/24 12:20	1
Percent Moisture (EPA Moisture)	12.1		0.1	0.1	%			10/25/24 12:20	1

General Chemistry - ASTM Leach

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cyanide, Free (OI CORP OIA-1677)	ND		0.0060	0.0050	mg/L			11/10/24 16:14	1

Client: August Mack Environmental, Inc.
Project/Site: MSC Canfield

Job ID: 240-213619-1

Client Sample ID: SB-7-18-20
Date Collected: 10/22/24 09:28
Date Received: 10/23/24 16:10

Lab Sample ID: 240-213619-3
Matrix: Solid
Percent Solids: 86.8

Method: SW846 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		5.3	1.9	ug/Kg	☼	11/01/24 11:52	11/01/24 18:11	1
1,1,2,2-Tetrachloroethane	ND		5.3	1.5	ug/Kg	☼	11/01/24 11:52	11/01/24 18:11	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		5.3	1.4	ug/Kg	☼	11/01/24 11:52	11/01/24 18:11	1
1,1,2-Trichloroethane	ND		5.3	1.2	ug/Kg	☼	11/01/24 11:52	11/01/24 18:11	1
1,1-Dichloroethane	ND		5.3	1.5	ug/Kg	☼	11/01/24 11:52	11/01/24 18:11	1
1,1-Dichloroethene	ND		5.3	1.9	ug/Kg	☼	11/01/24 11:52	11/01/24 18:11	1
1,2,4-Trichlorobenzene	ND		5.3	2.6	ug/Kg	☼	11/01/24 11:52	11/01/24 18:11	1
1,2-Dibromo-3-Chloropropane	ND		11	3.8	ug/Kg	☼	11/01/24 11:52	11/01/24 18:11	1
Ethylene Dibromide	ND		5.3	1.8	ug/Kg	☼	11/01/24 11:52	11/01/24 18:11	1
1,2-Dichlorobenzene	ND		5.3	1.2	ug/Kg	☼	11/01/24 11:52	11/01/24 18:11	1
1,2-Dichloroethane	ND		5.3	1.9	ug/Kg	☼	11/01/24 11:52	11/01/24 18:11	1
1,2-Dichloropropane	ND		5.3	0.90	ug/Kg	☼	11/01/24 11:52	11/01/24 18:11	1
1,3-Dichlorobenzene	ND		5.3	1.7	ug/Kg	☼	11/01/24 11:52	11/01/24 18:11	1
1,4-Dichlorobenzene	ND		5.3	0.93	ug/Kg	☼	11/01/24 11:52	11/01/24 18:11	1
2-Butanone (MEK)	ND		21	3.7	ug/Kg	☼	11/01/24 11:52	11/01/24 18:11	1
2-Hexanone	ND		21	4.3	ug/Kg	☼	11/01/24 11:52	11/01/24 18:11	1
4-Methyl-2-pentanone (MIBK)	ND		21	3.9	ug/Kg	☼	11/01/24 11:52	11/01/24 18:11	1
Acetone	**30**		26	22	ug/Kg	☼	11/01/24 11:52	11/01/24 18:11	1
Benzene	ND		5.3	1.6	ug/Kg	☼	11/01/24 11:52	11/01/24 18:11	1
Dichlorobromomethane	ND		5.3	1.6	ug/Kg	☼	11/01/24 11:52	11/01/24 18:11	1
Bromoform	ND		5.3	2.5	ug/Kg	☼	11/01/24 11:52	11/01/24 18:11	1
Bromomethane	ND		5.3	4.4	ug/Kg	☼	11/01/24 11:52	11/01/24 18:11	1
Carbon disulfide	**1.7**	**J**	5.3	1.2	ug/Kg	☼	11/01/24 11:52	11/01/24 18:11	1
Carbon tetrachloride	ND		5.3	3.4	ug/Kg	☼	11/01/24 11:52	11/01/24 18:11	1
Chlorobenzene	ND		5.3	0.96	ug/Kg	☼	11/01/24 11:52	11/01/24 18:11	1
Chloroethane	ND		5.3	2.9	ug/Kg	☼	11/01/24 11:52	11/01/24 18:11	1
Chloroform	ND		5.3	1.9	ug/Kg	☼	11/01/24 11:52	11/01/24 18:11	1
Chloromethane	ND		5.3	2.4	ug/Kg	☼	11/01/24 11:52	11/01/24 18:11	1
cis-1,2-Dichloroethene	ND		5.3	1.6	ug/Kg	☼	11/01/24 11:52	11/01/24 18:11	1
cis-1,3-Dichloropropene	ND		5.3	3.0	ug/Kg	☼	11/01/24 11:52	11/01/24 18:11	1
Cyclohexane	ND		11	1.4	ug/Kg	☼	11/01/24 11:52	11/01/24 18:11	1
Chlorodibromomethane	ND		5.3	2.9	ug/Kg	☼	11/01/24 11:52	11/01/24 18:11	1
Dichlorodifluoromethane	ND		5.3	2.4	ug/Kg	☼	11/01/24 11:52	11/01/24 18:11	1
Ethylbenzene	ND		5.3	1.1	ug/Kg	☼	11/01/24 11:52	11/01/24 18:11	1
Isopropylbenzene	ND		5.3	2.0	ug/Kg	☼	11/01/24 11:52	11/01/24 18:11	1
Methyl acetate	ND		26	3.6	ug/Kg	☼	11/01/24 11:52	11/01/24 18:11	1
Methyl tert-butyl ether	ND		5.3	2.1	ug/Kg	☼	11/01/24 11:52	11/01/24 18:11	1
Methylcyclohexane	ND		11	1.3	ug/Kg	☼	11/01/24 11:52	11/01/24 18:11	1
Methylene Chloride	ND	*+	26	13	ug/Kg	☼	11/01/24 11:52	11/01/24 18:11	1
Styrene	ND		5.3	1.2	ug/Kg	☼	11/01/24 11:52	11/01/24 18:11	1
Tetrachloroethene	ND		5.3	2.0	ug/Kg	☼	11/01/24 11:52	11/01/24 18:11	1
Toluene	ND		5.3	0.81	ug/Kg	☼	11/01/24 11:52	11/01/24 18:11	1
trans-1,2-Dichloroethene	ND		5.3	1.5	ug/Kg	☼	11/01/24 11:52	11/01/24 18:11	1
trans-1,3-Dichloropropene	ND		5.3	1.9	ug/Kg	☼	11/01/24 11:52	11/01/24 18:11	1
Trichloroethene	ND		5.3	1.5	ug/Kg	☼	11/01/24 11:52	11/01/24 18:11	1
Trichlorofluoromethane	ND		5.3	2.8	ug/Kg	☼	11/01/24 11:52	11/01/24 18:11	1
Vinyl chloride	ND		5.3	1.9	ug/Kg	☼	11/01/24 11:52	11/01/24 18:11	1
Xylenes, Total	ND		11	1.7	ug/Kg	☼	11/01/24 11:52	11/01/24 18:11	1

Client Sample ID: SB-7-18-20
Date Collected: 10/22/24 09:28
Date Received: 10/23/24 16:10

Lab Sample ID: 240-213619-3
Matrix: Solid
Percent Solids: 86.8

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Toluene-d8 (Surr)	*114*		*56 - 125*	*11/01/24 11:52*	*11/01/24 18:11*	*1*
Dibromofluoromethane (Surr)	*102*		*41 - 138*	*11/01/24 11:52*	*11/01/24 18:11*	*1*
4-Bromofluorobenzene (Surr)	*107*		*41 - 143*	*11/01/24 11:52*	*11/01/24 18:11*	*1*
1,2-Dichloroethane-d4 (Surr)	*100*		*58 - 125*	*11/01/24 11:52*	*11/01/24 18:11*	*1*

Method: SW846 8270E - Semivolatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1'-Biphenyl	ND		120	33	ug/Kg	☼	10/28/24 08:13	10/30/24 13:28	1
bis (2-chloroisopropyl) ether	ND		120	30	ug/Kg	☼	10/28/24 08:13	10/30/24 13:28	1
2,4,5-Trichlorophenol	ND		180	39	ug/Kg	☼	10/28/24 08:13	10/30/24 13:28	1
2,4,6-Trichlorophenol	ND		180	34	ug/Kg	☼	10/28/24 08:13	10/30/24 13:28	1
2,4-Dichlorophenol	ND		180	32	ug/Kg	☼	10/28/24 08:13	10/30/24 13:28	1
2,4-Dimethylphenol	ND		180	42	ug/Kg	☼	10/28/24 08:13	10/30/24 13:28	1
2,4-Dinitrophenol	ND		390	200	ug/Kg	☼	10/28/24 08:13	10/30/24 13:28	1
2,4-Dinitrotoluene	ND		230	27	ug/Kg	☼	10/28/24 08:13	10/30/24 13:28	1
2,6-Dinitrotoluene	ND		230	42	ug/Kg	☼	10/28/24 08:13	10/30/24 13:28	1
2-Chloronaphthalene	ND		120	33	ug/Kg	☼	10/28/24 08:13	10/30/24 13:28	1
2-Chlorophenol	ND		120	30	ug/Kg	☼	10/28/24 08:13	10/30/24 13:28	1
2-Methylnaphthalene	**19**	**J**	47	15	ug/Kg	☼	10/28/24 08:13	10/30/24 13:28	1
2-Methylphenol	ND		230	48	ug/Kg	☼	10/28/24 08:13	10/30/24 13:28	1
2-Nitroaniline	ND		230	45	ug/Kg	☼	10/28/24 08:13	10/30/24 13:28	1
2-Nitrophenol	ND		120	41	ug/Kg	☼	10/28/24 08:13	10/30/24 13:28	1
3,3'-Dichlorobenzidine	ND		180	110	ug/Kg	☼	10/28/24 08:13	10/30/24 13:28	1
3-Nitroaniline	ND		230	41	ug/Kg	☼	10/28/24 08:13	10/30/24 13:28	1
4,6-Dinitro-2-methylphenol	ND		390	120	ug/Kg	☼	10/28/24 08:13	10/30/24 13:28	1
4-Bromophenyl phenyl ether	ND		120	38	ug/Kg	☼	10/28/24 08:13	10/30/24 13:28	1
4-Chloro-3-methylphenol	ND		180	45	ug/Kg	☼	10/28/24 08:13	10/30/24 13:28	1
4-Chloroaniline	ND		180	19	ug/Kg	☼	10/28/24 08:13	10/30/24 13:28	1
4-Chlorophenyl phenyl ether	ND		120	33	ug/Kg	☼	10/28/24 08:13	10/30/24 13:28	1
4-Nitroaniline	ND		230	30	ug/Kg	☼	10/28/24 08:13	10/30/24 13:28	1
4-Nitrophenol	ND		390	110	ug/Kg	☼	10/28/24 08:13	10/30/24 13:28	1
Acenaphthene	ND		47	16	ug/Kg	☼	10/28/24 08:13	10/30/24 13:28	1
Acenaphthylene	ND		47	18	ug/Kg	☼	10/28/24 08:13	10/30/24 13:28	1
Acetophenone	ND		120	29	ug/Kg	☼	10/28/24 08:13	10/30/24 13:28	1
Anthracene	ND		47	14	ug/Kg	☼	10/28/24 08:13	10/30/24 13:28	1
Atrazine	ND		390	81	ug/Kg	☼	10/28/24 08:13	10/30/24 13:28	1
Benzaldehyde	ND		390	66	ug/Kg	☼	10/28/24 08:13	10/30/24 13:28	1
Benzo[a]anthracene	ND		47	18	ug/Kg	☼	10/28/24 08:13	10/30/24 13:28	1
Benzo[a]pyrene	ND		47	16	ug/Kg	☼	10/28/24 08:13	10/30/24 13:28	1
Benzo[b]fluoranthene	**21**	**J**	47	14	ug/Kg	☼	10/28/24 08:13	10/30/24 13:28	1
Benzo[g,h,i]perylene	ND		47	32	ug/Kg	☼	10/28/24 08:13	10/30/24 13:28	1
Benzo[k]fluoranthene	ND		47	12	ug/Kg	☼	10/28/24 08:13	10/30/24 13:28	1
Bis(2-chloroethoxy)methane	ND		120	23	ug/Kg	☼	10/28/24 08:13	10/30/24 13:28	1
Bis(2-chloroethyl)ether	ND		120	26	ug/Kg	☼	10/28/24 08:13	10/30/24 13:28	1
Bis(2-ethylhexyl) phthalate	ND		180	66	ug/Kg	☼	10/28/24 08:13	10/30/24 13:28	1
Butyl benzyl phthalate	ND		180	60	ug/Kg	☼	10/28/24 08:13	10/30/24 13:28	1
Caprolactam	ND		390	81	ug/Kg	☼	10/28/24 08:13	10/30/24 13:28	1
Carbazole	ND		120	32	ug/Kg	☼	10/28/24 08:13	10/30/24 13:28	1
Chrysene	**21**	**J**	47	16	ug/Kg	☼	10/28/24 08:13	10/30/24 13:28	1
Dibenz(a,h)anthracene	ND		47	18	ug/Kg	☼	10/28/24 08:13	10/30/24 13:28	1

Client Sample ID: SB-7-18-20
Date Collected: 10/22/24 09:28
Date Received: 10/23/24 16:10

Lab Sample ID: 240-213619-3
Matrix: Solid
Percent Solids: 86.8

Method: SW846 8270E - Semivolatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Dibenzofuran	ND		120	34	ug/Kg	☼	10/28/24 08:13	10/30/24 13:28	1
Diethyl phthalate	ND		180	50	ug/Kg	☼	10/28/24 08:13	10/30/24 13:28	1
Dimethyl phthalate	ND		180	47	ug/Kg	☼	10/28/24 08:13	10/30/24 13:28	1
Di-n-butyl phthalate	ND		180	60	ug/Kg	☼	10/28/24 08:13	10/30/24 13:28	1
Di-n-octyl phthalate	ND		180	59	ug/Kg	☼	10/28/24 08:13	10/30/24 13:28	1
Fluoranthene	ND		47	16	ug/Kg	☼	10/28/24 08:13	10/30/24 13:28	1
Fluorene	ND		47	16	ug/Kg	☼	10/28/24 08:13	10/30/24 13:28	1
Hexachlorobenzene	ND		47	16	ug/Kg	☼	10/28/24 08:13	10/30/24 13:28	1
Hexachlorobutadiene	ND		120	25	ug/Kg	☼	10/28/24 08:13	10/30/24 13:28	1
Hexachlorocyclopentadiene	ND		390	46	ug/Kg	☼	10/28/24 08:13	10/30/24 13:28	1
Hexachloroethane	ND		120	38	ug/Kg	☼	10/28/24 08:13	10/30/24 13:28	1
Indeno[1,2,3-cd]pyrene	ND		47	14	ug/Kg	☼	10/28/24 08:13	10/30/24 13:28	1
Isophorone	ND		120	30	ug/Kg	☼	10/28/24 08:13	10/30/24 13:28	1
N-Nitrosodi-n-propylamine	ND		120	43	ug/Kg	☼	10/28/24 08:13	10/30/24 13:28	1
N-Nitrosodiphenylamine	ND		120	32	ug/Kg	☼	10/28/24 08:13	10/30/24 13:28	1
Naphthalene	ND		47	15	ug/Kg	☼	10/28/24 08:13	10/30/24 13:28	1
Nitrobenzene	ND		120	26	ug/Kg	☼	10/28/24 08:13	10/30/24 13:28	1
Pentachlorophenol	ND		320	120	ug/Kg	☼	10/28/24 08:13	10/30/24 13:28	1
Phenanthrene	**28**	**J**	47	15	ug/Kg	☼	10/28/24 08:13	10/30/24 13:28	1
Phenol	ND		120	45	ug/Kg	☼	10/28/24 08:13	10/30/24 13:28	1
Pyrene	ND		47	19	ug/Kg	☼	10/28/24 08:13	10/30/24 13:28	1
3 & 4 Methylphenol	ND		470	48	ug/Kg	☼	10/28/24 08:13	10/30/24 13:28	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Terphenyl-d14 (Surr)	*66*		*37 - 120*	*10/28/24 08:13*	*10/30/24 13:28*	*1*
Phenol-d5 (Surr)	*59*		*29 - 120*	*10/28/24 08:13*	*10/30/24 13:28*	*1*
Nitrobenzene-d5 (Surr)	*50*		*28 - 120*	*10/28/24 08:13*	*10/30/24 13:28*	*1*
2-Fluorophenol (Surr)	*58*		*26 - 120*	*10/28/24 08:13*	*10/30/24 13:28*	*1*
2-Fluorobiphenyl (Surr)	*59*		*36 - 120*	*10/28/24 08:13*	*10/30/24 13:28*	*1*
2,4,6-Tribromophenol (Surr)	*29*		*10 - 120*	*10/28/24 08:13*	*10/30/24 13:28*	*1*

Method: SW846 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aroclor-1016	ND		57	29	ug/Kg	☼	10/29/24 08:34	10/29/24 22:11	1
Aroclor-1221	ND		57	34	ug/Kg	☼	10/29/24 08:34	10/29/24 22:11	1
Aroclor-1232	ND		57	24	ug/Kg	☼	10/29/24 08:34	10/29/24 22:11	1
Aroclor-1242	ND		57	22	ug/Kg	☼	10/29/24 08:34	10/29/24 22:11	1
Aroclor-1248	ND		57	19	ug/Kg	☼	10/29/24 08:34	10/29/24 22:11	1
Aroclor-1254	ND		57	24	ug/Kg	☼	10/29/24 08:34	10/29/24 22:11	1
Aroclor-1260	ND		57	24	ug/Kg	☼	10/29/24 08:34	10/29/24 22:11	1
Aroclor-1262	ND		57	25	ug/Kg	☼	10/29/24 08:34	10/29/24 22:11	1
Aroclor-1268	ND		57	18	ug/Kg	☼	10/29/24 08:34	10/29/24 22:11	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Tetrachloro-m-xylene	*68*		*10 - 149*	*10/29/24 08:34*	*10/29/24 22:11*	*1*
DCB Decachlorobiphenyl	*87*		*10 - 174*	*10/29/24 08:34*	*10/29/24 22:11*	*1*

Method: SW846 6010D - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	**14**		1.6	0.33	mg/Kg	☼	10/25/24 15:00	10/28/24 14:49	1

Client: August Mack Environmental, Inc.
Project/Site: MSC Canfield

Job ID: 240-213619-1

Client Sample ID: SB-7-18-20
Date Collected: 10/22/24 09:28
Date Received: 10/23/24 16:10

Lab Sample ID: 240-213619-3
Matrix: Solid
Percent Solids: 86.8

Method: SW846 6010D - Metals (ICP) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Barium	**26**		21	0.13	mg/Kg	☼	10/25/24 15:00	10/28/24 14:49	1
Cadmium	**0.096**	**J**	0.52	0.050	mg/Kg	☼	10/25/24 15:00	10/28/24 14:49	1
Chromium	**12**		1.0	0.36	mg/Kg	☼	10/25/24 15:00	10/28/24 14:49	1
Copper	**17**		2.6	0.73	mg/Kg	☼	10/25/24 15:00	10/28/24 14:49	1
Lead	**11**		1.0	0.29	mg/Kg	☼	10/25/24 15:00	10/28/24 14:49	1
Selenium	ND		2.1	0.49	mg/Kg	☼	10/25/24 15:00	10/28/24 14:49	1
Silver	ND	L	1.0	0.084	mg/Kg	☼	10/25/24 15:00	10/28/24 14:49	1
Zinc	**57**		5.2	3.8	mg/Kg	☼	10/25/24 15:00	10/28/24 14:49	1

Method: SW846 7471B - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	ND		0.11	0.020	mg/Kg	☼	10/25/24 15:00	10/28/24 11:30	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cr (VI) (SW846 7196A)	ND		0.47	0.16	mg/Kg	☼	11/05/24 11:16	11/05/24 22:06	1
Cyanide, Total (SW846 9012B)	ND		0.53	0.42	mg/Kg	☼	11/01/24 15:14	11/01/24 17:39	1

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Solids (EPA Moisture)	**86.8**		0.1	0.1	%			10/25/24 12:20	1
Percent Moisture (EPA Moisture)	**13.2**		0.1	0.1	%			10/25/24 12:20	1

General Chemistry - ASTM Leach

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cyanide, Free (OI CORP OIA-1677)	ND		0.0060	0.0050	mg/L			11/10/24 16:12	1

Client: August Mack Environmental, Inc.
Project/Site: MSC Canfield

Job ID: 240-213619-1

Client Sample ID: SB-DUP-5
Date Collected: 10/22/24 00:00
Date Received: 10/23/24 16:10

Lab Sample ID: 240-213619-4
Matrix: Solid
Percent Solids: 88.4

Method: SW846 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		5.3	1.9	ug/Kg	☼	11/01/24 11:52	11/01/24 18:32	1
1,1,2,2-Tetrachloroethane	ND		5.3	1.5	ug/Kg	☼	11/01/24 11:52	11/01/24 18:32	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		5.3	1.4	ug/Kg	☼	11/01/24 11:52	11/01/24 18:32	1
1,1,2-Trichloroethane	ND		5.3	1.2	ug/Kg	☼	11/01/24 11:52	11/01/24 18:32	1
1,1-Dichloroethane	ND		5.3	1.5	ug/Kg	☼	11/01/24 11:52	11/01/24 18:32	1
1,1-Dichloroethene	ND		5.3	1.9	ug/Kg	☼	11/01/24 11:52	11/01/24 18:32	1
1,2,4-Trichlorobenzene	ND		5.3	2.7	ug/Kg	☼	11/01/24 11:52	11/01/24 18:32	1
1,2-Dibromo-3-Chloropropane	ND		11	3.8	ug/Kg	☼	11/01/24 11:52	11/01/24 18:32	1
Ethylene Dibromide	ND		5.3	1.8	ug/Kg	☼	11/01/24 11:52	11/01/24 18:32	1
1,2-Dichlorobenzene	ND		5.3	1.2	ug/Kg	☼	11/01/24 11:52	11/01/24 18:32	1
1,2-Dichloroethane	ND		5.3	1.9	ug/Kg	☼	11/01/24 11:52	11/01/24 18:32	1
1,2-Dichloropropane	ND		5.3	0.91	ug/Kg	☼	11/01/24 11:52	11/01/24 18:32	1
1,3-Dichlorobenzene	ND		5.3	1.8	ug/Kg	☼	11/01/24 11:52	11/01/24 18:32	1
1,4-Dichlorobenzene	ND		5.3	0.94	ug/Kg	☼	11/01/24 11:52	11/01/24 18:32	1
2-Butanone (MEK)	ND		21	3.8	ug/Kg	☼	11/01/24 11:52	11/01/24 18:32	1
2-Hexanone	ND		21	4.3	ug/Kg	☼	11/01/24 11:52	11/01/24 18:32	1
4-Methyl-2-pentanone (MIBK)	ND		21	4.0	ug/Kg	☼	11/01/24 11:52	11/01/24 18:32	1
Acetone	ND		27	22	ug/Kg	☼	11/01/24 11:52	11/01/24 18:32	1
Benzene	ND		5.3	1.6	ug/Kg	☼	11/01/24 11:52	11/01/24 18:32	1
Dichlorobromomethane	ND		5.3	1.6	ug/Kg	☼	11/01/24 11:52	11/01/24 18:32	1
Bromoform	ND		5.3	2.6	ug/Kg	☼	11/01/24 11:52	11/01/24 18:32	1
Bromomethane	ND		5.3	4.4	ug/Kg	☼	11/01/24 11:52	11/01/24 18:32	1
Carbon disulfide	ND		5.3	1.2	ug/Kg	☼	11/01/24 11:52	11/01/24 18:32	1
Carbon tetrachloride	ND		5.3	3.5	ug/Kg	☼	11/01/24 11:52	11/01/24 18:32	1
Chlorobenzene	ND		5.3	0.98	ug/Kg	☼	11/01/24 11:52	11/01/24 18:32	1
Chloroethane	ND		5.3	2.9	ug/Kg	☼	11/01/24 11:52	11/01/24 18:32	1
Chloroform	ND		5.3	1.9	ug/Kg	☼	11/01/24 11:52	11/01/24 18:32	1
Chloromethane	ND		5.3	2.4	ug/Kg	☼	11/01/24 11:52	11/01/24 18:32	1
cis-1,2-Dichloroethene	ND		5.3	1.6	ug/Kg	☼	11/01/24 11:52	11/01/24 18:32	1
cis-1,3-Dichloropropene	ND		5.3	3.1	ug/Kg	☼	11/01/24 11:52	11/01/24 18:32	1
Cyclohexane	ND		11	1.5	ug/Kg	☼	11/01/24 11:52	11/01/24 18:32	1
Chlorodibromomethane	ND		5.3	3.0	ug/Kg	☼	11/01/24 11:52	11/01/24 18:32	1
Dichlorodifluoromethane	ND		5.3	2.4	ug/Kg	☼	11/01/24 11:52	11/01/24 18:32	1
Ethylbenzene	ND		5.3	1.1	ug/Kg	☼	11/01/24 11:52	11/01/24 18:32	1
Isopropylbenzene	ND		5.3	2.0	ug/Kg	☼	11/01/24 11:52	11/01/24 18:32	1
Methyl acetate	ND		27	3.6	ug/Kg	☼	11/01/24 11:52	11/01/24 18:32	1
Methyl tert-butyl ether	ND		5.3	2.1	ug/Kg	☼	11/01/24 11:52	11/01/24 18:32	1
Methylcyclohexane	ND		11	1.3	ug/Kg	☼	11/01/24 11:52	11/01/24 18:32	1
Methylene Chloride	ND	*+	27	13	ug/Kg	☼	11/01/24 11:52	11/01/24 18:32	1
Styrene	ND		5.3	1.2	ug/Kg	☼	11/01/24 11:52	11/01/24 18:32	1
Tetrachloroethene	ND		5.3	2.0	ug/Kg	☼	11/01/24 11:52	11/01/24 18:32	1
Toluene	ND		5.3	0.82	ug/Kg	☼	11/01/24 11:52	11/01/24 18:32	1
trans-1,2-Dichloroethene	ND		5.3	1.5	ug/Kg	☼	11/01/24 11:52	11/01/24 18:32	1
trans-1,3-Dichloropropene	ND		5.3	1.9	ug/Kg	☼	11/01/24 11:52	11/01/24 18:32	1
Trichloroethene	ND		5.3	1.5	ug/Kg	☼	11/01/24 11:52	11/01/24 18:32	1
Trichlorofluoromethane	ND		5.3	2.9	ug/Kg	☼	11/01/24 11:52	11/01/24 18:32	1
Vinyl chloride	ND		5.3	1.9	ug/Kg	☼	11/01/24 11:52	11/01/24 18:32	1
Xylenes, Total	ND		11	1.7	ug/Kg	☼	11/01/24 11:52	11/01/24 18:32	1

Client: August Mack Environmental, Inc.
Project/Site: MSC Canfield

Job ID: 240-213619-1

Client Sample ID: SB-DUP-5
Date Collected: 10/22/24 00:00
Date Received: 10/23/24 16:10

Lab Sample ID: 240-213619-4
Matrix: Solid
Percent Solids: 88.4

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
Toluene-d8 (Surr)	*107*		*56 - 125*	*11/01/24 11:52*	*11/01/24 18:32*	*1*
Dibromofluoromethane (Surr)	*101*		*41 - 138*	*11/01/24 11:52*	*11/01/24 18:32*	*1*
4-Bromofluorobenzene (Surr)	*100*		*41 - 143*	*11/01/24 11:52*	*11/01/24 18:32*	*1*
1,2-Dichloroethane-d4 (Surr)	*100*		*58 - 125*	*11/01/24 11:52*	*11/01/24 18:32*	*1*

Method: SW846 8270E - Semivolatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1'-Biphenyl	ND		120	32	ug/Kg	☼	10/28/24 08:13	10/30/24 13:51	1
bis (2-chloroisopropyl) ether	ND		120	30	ug/Kg	☼	10/28/24 08:13	10/30/24 13:51	1
2,4,5-Trichlorophenol	ND		170	38	ug/Kg	☼	10/28/24 08:13	10/30/24 13:51	1
2,4,6-Trichlorophenol	ND		170	33	ug/Kg	☼	10/28/24 08:13	10/30/24 13:51	1
2,4-Dichlorophenol	ND		170	31	ug/Kg	☼	10/28/24 08:13	10/30/24 13:51	1
2,4-Dimethylphenol	ND		170	41	ug/Kg	☼	10/28/24 08:13	10/30/24 13:51	1
2,4-Dinitrophenol	ND		380	200	ug/Kg	☼	10/28/24 08:13	10/30/24 13:51	1
2,4-Dinitrotoluene	ND		230	26	ug/Kg	☼	10/28/24 08:13	10/30/24 13:51	1
2,6-Dinitrotoluene	ND		230	41	ug/Kg	☼	10/28/24 08:13	10/30/24 13:51	1
2-Chloronaphthalene	ND		120	32	ug/Kg	☼	10/28/24 08:13	10/30/24 13:51	1
2-Chlorophenol	ND		120	30	ug/Kg	☼	10/28/24 08:13	10/30/24 13:51	1
2-Methylnaphthalene	**15**	**J**	46	15	ug/Kg	☼	10/28/24 08:13	10/30/24 13:51	1
2-Methylphenol	ND		230	47	ug/Kg	☼	10/28/24 08:13	10/30/24 13:51	1
2-Nitroaniline	ND		230	44	ug/Kg	☼	10/28/24 08:13	10/30/24 13:51	1
2-Nitrophenol	ND		120	40	ug/Kg	☼	10/28/24 08:13	10/30/24 13:51	1
3,3'-Dichlorobenzidine	ND		170	110	ug/Kg	☼	10/28/24 08:13	10/30/24 13:51	1
3-Nitroaniline	ND		230	40	ug/Kg	☼	10/28/24 08:13	10/30/24 13:51	1
4,6-Dinitro-2-methylphenol	ND		380	120	ug/Kg	☼	10/28/24 08:13	10/30/24 13:51	1
4-Bromophenyl phenyl ether	ND		120	37	ug/Kg	☼	10/28/24 08:13	10/30/24 13:51	1
4-Chloro-3-methylphenol	ND		170	44	ug/Kg	☼	10/28/24 08:13	10/30/24 13:51	1
4-Chloroaniline	ND		170	18	ug/Kg	☼	10/28/24 08:13	10/30/24 13:51	1
4-Chlorophenyl phenyl ether	ND		120	32	ug/Kg	☼	10/28/24 08:13	10/30/24 13:51	1
4-Nitroaniline	ND		230	30	ug/Kg	☼	10/28/24 08:13	10/30/24 13:51	1
4-Nitrophenol	ND		380	100	ug/Kg	☼	10/28/24 08:13	10/30/24 13:51	1
Acenaphthene	ND		46	16	ug/Kg	☼	10/28/24 08:13	10/30/24 13:51	1
Acenaphthylene	ND		46	17	ug/Kg	☼	10/28/24 08:13	10/30/24 13:51	1
Acetophenone	ND		120	29	ug/Kg	☼	10/28/24 08:13	10/30/24 13:51	1
Anthracene	ND		46	14	ug/Kg	☼	10/28/24 08:13	10/30/24 13:51	1
Atrazine	ND		380	79	ug/Kg	☼	10/28/24 08:13	10/30/24 13:51	1
Benzaldehyde	ND		380	65	ug/Kg	☼	10/28/24 08:13	10/30/24 13:51	1
Benzo[a]anthracene	ND		46	17	ug/Kg	☼	10/28/24 08:13	10/30/24 13:51	1
Benzo[a]pyrene	ND		46	16	ug/Kg	☼	10/28/24 08:13	10/30/24 13:51	1
Benzo[b]fluoranthene	ND		46	14	ug/Kg	☼	10/28/24 08:13	10/30/24 13:51	1
Benzo[g,h,i]perylene	ND		46	31	ug/Kg	☼	10/28/24 08:13	10/30/24 13:51	1
Benzo[k]fluoranthene	ND		46	12	ug/Kg	☼	10/28/24 08:13	10/30/24 13:51	1
Bis(2-chloroethoxy)methane	ND		120	23	ug/Kg	☼	10/28/24 08:13	10/30/24 13:51	1
Bis(2-chloroethyl)ether	ND		120	25	ug/Kg	☼	10/28/24 08:13	10/30/24 13:51	1
Bis(2-ethylhexyl) phthalate	ND		170	65	ug/Kg	☼	10/28/24 08:13	10/30/24 13:51	1
Butyl benzyl phthalate	ND		170	59	ug/Kg	☼	10/28/24 08:13	10/30/24 13:51	1
Caprolactam	ND		380	79	ug/Kg	☼	10/28/24 08:13	10/30/24 13:51	1
Carbazole	ND		120	31	ug/Kg	☼	10/28/24 08:13	10/30/24 13:51	1
Chrysene	ND		46	16	ug/Kg	☼	10/28/24 08:13	10/30/24 13:51	1
Dibenz(a,h)anthracene	ND		46	17	ug/Kg	☼	10/28/24 08:13	10/30/24 13:51	1

Client Sample ID: SB-DUP-5
Date Collected: 10/22/24 00:00
Date Received: 10/23/24 16:10

Lab Sample ID: 240-213619-4
Matrix: Solid
Percent Solids: 88.4

Method: SW846 8270E - Semivolatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Dibenzofuran	ND		120	33	ug/Kg	☼	10/28/24 08:13	10/30/24 13:51	1
Diethyl phthalate	ND		170	50	ug/Kg	☼	10/28/24 08:13	10/30/24 13:51	1
Dimethyl phthalate	ND		170	46	ug/Kg	☼	10/28/24 08:13	10/30/24 13:51	1
Di-n-butyl phthalate	ND		170	59	ug/Kg	☼	10/28/24 08:13	10/30/24 13:51	1
Di-n-octyl phthalate	ND		170	58	ug/Kg	☼	10/28/24 08:13	10/30/24 13:51	1
Fluoranthene	ND		46	16	ug/Kg	☼	10/28/24 08:13	10/30/24 13:51	1
Fluorene	ND		46	16	ug/Kg	☼	10/28/24 08:13	10/30/24 13:51	1
Hexachlorobenzene	ND		46	16	ug/Kg	☼	10/28/24 08:13	10/30/24 13:51	1
Hexachlorobutadiene	ND		120	24	ug/Kg	☼	10/28/24 08:13	10/30/24 13:51	1
Hexachlorocyclopentadiene	ND		380	45	ug/Kg	☼	10/28/24 08:13	10/30/24 13:51	1
Hexachloroethane	ND		120	37	ug/Kg	☼	10/28/24 08:13	10/30/24 13:51	1
Indeno[1,2,3-cd]pyrene	ND		46	14	ug/Kg	☼	10/28/24 08:13	10/30/24 13:51	1
Isophorone	ND		120	30	ug/Kg	☼	10/28/24 08:13	10/30/24 13:51	1
N-Nitrosodi-n-propylamine	ND		120	43	ug/Kg	☼	10/28/24 08:13	10/30/24 13:51	1
N-Nitrosodiphenylamine	ND		120	31	ug/Kg	☼	10/28/24 08:13	10/30/24 13:51	1
Naphthalene	ND		46	15	ug/Kg	☼	10/28/24 08:13	10/30/24 13:51	1
Nitrobenzene	ND		120	25	ug/Kg	☼	10/28/24 08:13	10/30/24 13:51	1
Pentachlorophenol	ND		310	120	ug/Kg	☼	10/28/24 08:13	10/30/24 13:51	1
Phenanthrene	**18**	**J**	46	15	ug/Kg	☼	10/28/24 08:13	10/30/24 13:51	1
Phenol	ND		120	44	ug/Kg	☼	10/28/24 08:13	10/30/24 13:51	1
Pyrene	ND		46	18	ug/Kg	☼	10/28/24 08:13	10/30/24 13:51	1
3 & 4 Methylphenol	ND		460	47	ug/Kg	☼	10/28/24 08:13	10/30/24 13:51	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Terphenyl-d14 (Surr)	*66*		*37 - 120*	*10/28/24 08:13*	*10/30/24 13:51*	*1*
Phenol-d5 (Surr)	*62*		*29 - 120*	*10/28/24 08:13*	*10/30/24 13:51*	*1*
Nitrobenzene-d5 (Surr)	*54*		*28 - 120*	*10/28/24 08:13*	*10/30/24 13:51*	*1*
2-Fluorophenol (Surr)	*60*		*26 - 120*	*10/28/24 08:13*	*10/30/24 13:51*	*1*
2-Fluorobiphenyl (Surr)	*61*		*36 - 120*	*10/28/24 08:13*	*10/30/24 13:51*	*1*
2,4,6-Tribromophenol (Surr)	*46*		*10 - 120*	*10/28/24 08:13*	*10/30/24 13:51*	*1*

Method: SW846 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aroclor-1016	ND		59	30	ug/Kg	☼	10/29/24 08:34	10/29/24 22:25	1
Aroclor-1221	ND		59	35	ug/Kg	☼	10/29/24 08:34	10/29/24 22:25	1
Aroclor-1232	ND		59	25	ug/Kg	☼	10/29/24 08:34	10/29/24 22:25	1
Aroclor-1242	ND		59	22	ug/Kg	☼	10/29/24 08:34	10/29/24 22:25	1
Aroclor-1248	ND		59	20	ug/Kg	☼	10/29/24 08:34	10/29/24 22:25	1
Aroclor-1254	ND		59	25	ug/Kg	☼	10/29/24 08:34	10/29/24 22:25	1
Aroclor-1260	ND		59	25	ug/Kg	☼	10/29/24 08:34	10/29/24 22:25	1
Aroclor-1262	ND		59	26	ug/Kg	☼	10/29/24 08:34	10/29/24 22:25	1
Aroclor-1268	ND		59	19	ug/Kg	☼	10/29/24 08:34	10/29/24 22:25	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Tetrachloro-m-xylene	*73*		*10 - 149*	*10/29/24 08:34*	*10/29/24 22:25*	*1*
DCB Decachlorobiphenyl	*95*		*10 - 174*	*10/29/24 08:34*	*10/29/24 22:25*	*1*

Method: SW846 6010D - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	**14**		1.5	0.31	mg/Kg	☼	10/25/24 15:00	10/28/24 14:53	1

Client: August Mack Environmental, Inc.
Project/Site: MSC Canfield

Job ID: 240-213619-1

Client Sample ID: SB-DUP-5

Date Collected: 10/22/24 00:00
Date Received: 10/23/24 16:10

Lab Sample ID: 240-213619-4

Matrix: Solid
Percent Solids: 88.4

Method: SW846 6010D - Metals (ICP) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Barium	**17**	**J**	19	0.12	mg/Kg	☼	10/25/24 15:00	10/28/24 14:53	1
Cadmium	ND		0.49	0.047	mg/Kg	☼	10/25/24 15:00	10/28/24 14:53	1
Chromium	**13**		0.97	0.33	mg/Kg	☼	10/25/24 15:00	10/28/24 14:53	1
Copper	**18**		2.4	0.68	mg/Kg	☼	10/25/24 15:00	10/28/24 14:53	1
Lead	**9.3**		0.97	0.27	mg/Kg	☼	10/25/24 15:00	10/28/24 14:53	1
Selenium	ND		1.9	0.46	mg/Kg	☼	10/25/24 15:00	10/28/24 14:53	1
Silver	ND	L	0.97	0.079	mg/Kg	☼	10/25/24 15:00	10/28/24 14:53	1
Zinc	**58**		4.9	3.5	mg/Kg	☼	10/25/24 15:00	10/28/24 14:53	1

Method: SW846 7471B - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	ND		0.11	0.020	mg/Kg	☼	10/25/24 15:00	10/28/24 11:32	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cr (VI) (SW846 7196A)	ND		0.46	0.15	mg/Kg	☼	11/05/24 11:16	11/05/24 22:06	1
Cyanide, Total (SW846 9012B)	ND		0.54	0.43	mg/Kg	☼	11/01/24 15:14	11/01/24 17:41	1

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Solids (EPA Moisture)	**88.4**		0.1	0.1	%			10/25/24 12:20	1
Percent Moisture (EPA Moisture)	**11.6**		0.1	0.1	%			10/25/24 12:20	1

General Chemistry - ASTM Leach

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cyanide, Free (OI CORP OIA-1677)	ND		0.0060	0.0050	mg/L			11/10/24 15:57	1

Client: August Mack Environmental, Inc.
Project/Site: MSC Canfield

Job ID: 240-213619-1

Client Sample ID: SB-3-6-8
Date Collected: 10/22/24 13:58
Date Received: 10/23/24 16:10

Lab Sample ID: 240-213619-5
Matrix: Solid
Percent Solids: 87.8

Method: SW846 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		5.4	1.9	ug/Kg	☼	11/01/24 11:52	11/01/24 18:54	1
1,1,2,2-Tetrachloroethane	ND		5.4	1.5	ug/Kg	☼	11/01/24 11:52	11/01/24 18:54	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		5.4	1.4	ug/Kg	☼	11/01/24 11:52	11/01/24 18:54	1
1,1,2-Trichloroethane	ND		5.4	1.2	ug/Kg	☼	11/01/24 11:52	11/01/24 18:54	1
1,1-Dichloroethane	ND		5.4	1.5	ug/Kg	☼	11/01/24 11:52	11/01/24 18:54	1
1,1-Dichloroethene	ND		5.4	2.0	ug/Kg	☼	11/01/24 11:52	11/01/24 18:54	1
1,2,4-Trichlorobenzene	ND		5.4	2.7	ug/Kg	☼	11/01/24 11:52	11/01/24 18:54	1
1,2-Dibromo-3-Chloropropane	ND		11	3.9	ug/Kg	☼	11/01/24 11:52	11/01/24 18:54	1
Ethylene Dibromide	ND		5.4	1.8	ug/Kg	☼	11/01/24 11:52	11/01/24 18:54	1
1,2-Dichlorobenzene	ND		5.4	1.2	ug/Kg	☼	11/01/24 11:52	11/01/24 18:54	1
1,2-Dichloroethane	ND		5.4	1.9	ug/Kg	☼	11/01/24 11:52	11/01/24 18:54	1
1,2-Dichloropropane	ND		5.4	0.92	ug/Kg	☼	11/01/24 11:52	11/01/24 18:54	1
1,3-Dichlorobenzene	ND		5.4	1.8	ug/Kg	☼	11/01/24 11:52	11/01/24 18:54	1
1,4-Dichlorobenzene	ND		5.4	0.95	ug/Kg	☼	11/01/24 11:52	11/01/24 18:54	1
2-Butanone (MEK)	ND		22	3.8	ug/Kg	☼	11/01/24 11:52	11/01/24 18:54	1
2-Hexanone	ND		22	4.4	ug/Kg	☼	11/01/24 11:52	11/01/24 18:54	1
4-Methyl-2-pentanone (MIBK)	ND		22	4.0	ug/Kg	☼	11/01/24 11:52	11/01/24 18:54	1
Acetone	ND		27	23	ug/Kg	☼	11/01/24 11:52	11/01/24 18:54	1
Benzene	ND		5.4	1.6	ug/Kg	☼	11/01/24 11:52	11/01/24 18:54	1
Dichlorobromomethane	ND		5.4	1.6	ug/Kg	☼	11/01/24 11:52	11/01/24 18:54	1
Bromoform	ND		5.4	2.6	ug/Kg	☼	11/01/24 11:52	11/01/24 18:54	1
Bromomethane	ND		5.4	4.5	ug/Kg	☼	11/01/24 11:52	11/01/24 18:54	1
Carbon disulfide	ND		5.4	1.3	ug/Kg	☼	11/01/24 11:52	11/01/24 18:54	1
Carbon tetrachloride	ND		5.4	3.5	ug/Kg	☼	11/01/24 11:52	11/01/24 18:54	1
Chlorobenzene	ND		5.4	0.99	ug/Kg	☼	11/01/24 11:52	11/01/24 18:54	1
Chloroethane	ND		5.4	3.0	ug/Kg	☼	11/01/24 11:52	11/01/24 18:54	1
Chloroform	ND		5.4	1.9	ug/Kg	☼	11/01/24 11:52	11/01/24 18:54	1
Chloromethane	ND		5.4	2.5	ug/Kg	☼	11/01/24 11:52	11/01/24 18:54	1
cis-1,2-Dichloroethene	ND		5.4	1.6	ug/Kg	☼	11/01/24 11:52	11/01/24 18:54	1
cis-1,3-Dichloropropene	ND		5.4	3.1	ug/Kg	☼	11/01/24 11:52	11/01/24 18:54	1
Cyclohexane	ND		11	1.5	ug/Kg	☼	11/01/24 11:52	11/01/24 18:54	1
Chlorodibromomethane	ND		5.4	3.0	ug/Kg	☼	11/01/24 11:52	11/01/24 18:54	1
Dichlorodifluoromethane	ND		5.4	2.4	ug/Kg	☼	11/01/24 11:52	11/01/24 18:54	1
Ethylbenzene	ND		5.4	1.1	ug/Kg	☼	11/01/24 11:52	11/01/24 18:54	1
Isopropylbenzene	ND		5.4	2.1	ug/Kg	☼	11/01/24 11:52	11/01/24 18:54	1
Methyl acetate	ND		27	3.7	ug/Kg	☼	11/01/24 11:52	11/01/24 18:54	1
Methyl tert-butyl ether	ND		5.4	2.1	ug/Kg	☼	11/01/24 11:52	11/01/24 18:54	1
Methylcyclohexane	ND		11	1.3	ug/Kg	☼	11/01/24 11:52	11/01/24 18:54	1
Methylene Chloride	ND	*+	27	13	ug/Kg	☼	11/01/24 11:52	11/01/24 18:54	1
Styrene	ND		5.4	1.3	ug/Kg	☼	11/01/24 11:52	11/01/24 18:54	1
Tetrachloroethene	ND		5.4	2.1	ug/Kg	☼	11/01/24 11:52	11/01/24 18:54	1
Toluene	**2.0**	**J**	5.4	0.84	ug/Kg	☼	11/01/24 11:52	11/01/24 18:54	1
trans-1,2-Dichloroethene	ND		5.4	1.5	ug/Kg	☼	11/01/24 11:52	11/01/24 18:54	1
trans-1,3-Dichloropropene	ND		5.4	2.0	ug/Kg	☼	11/01/24 11:52	11/01/24 18:54	1
Trichloroethene	ND		5.4	1.5	ug/Kg	☼	11/01/24 11:52	11/01/24 18:54	1
Trichlorofluoromethane	ND		5.4	2.9	ug/Kg	☼	11/01/24 11:52	11/01/24 18:54	1
Vinyl chloride	ND		5.4	1.9	ug/Kg	☼	11/01/24 11:52	11/01/24 18:54	1
Xylenes, Total	ND		11	1.7	ug/Kg	☼	11/01/24 11:52	11/01/24 18:54	1

Client Sample ID: SB-3-6-8
Date Collected: 10/22/24 13:58
Date Received: 10/23/24 16:10

Lab Sample ID: 240-213619-5
Matrix: Solid
Percent Solids: 87.8

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
Toluene-d8 (Surr)	*102*		*56 - 125*	*11/01/24 11:52*	*11/01/24 18:54*	*1*
Dibromofluoromethane (Surr)	*100*		*41 - 138*	*11/01/24 11:52*	*11/01/24 18:54*	*1*
4-Bromofluorobenzene (Surr)	*92*		*41 - 143*	*11/01/24 11:52*	*11/01/24 18:54*	*1*
1,2-Dichloroethane-d4 (Surr)	*100*		*58 - 125*	*11/01/24 11:52*	*11/01/24 18:54*	*1*

Method: SW846 8270E - Semivolatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1'-Biphenyl	ND		110	32	ug/Kg	☼	10/28/24 08:13	10/30/24 14:15	1
bis (2-chloroisopropyl) ether	ND		110	30	ug/Kg	☼	10/28/24 08:13	10/30/24 14:15	1
2,4,5-Trichlorophenol	ND		170	38	ug/Kg	☼	10/28/24 08:13	10/30/24 14:15	1
2,4,6-Trichlorophenol	ND		170	33	ug/Kg	☼	10/28/24 08:13	10/30/24 14:15	1
2,4-Dichlorophenol	ND		170	31	ug/Kg	☼	10/28/24 08:13	10/30/24 14:15	1
2,4-Dimethylphenol	ND		170	41	ug/Kg	☼	10/28/24 08:13	10/30/24 14:15	1
2,4-Dinitrophenol	ND		380	200	ug/Kg	☼	10/28/24 08:13	10/30/24 14:15	1
2,4-Dinitrotoluene	ND		230	26	ug/Kg	☼	10/28/24 08:13	10/30/24 14:15	1
2,6-Dinitrotoluene	ND		230	41	ug/Kg	☼	10/28/24 08:13	10/30/24 14:15	1
2-Chloronaphthalene	ND		110	32	ug/Kg	☼	10/28/24 08:13	10/30/24 14:15	1
2-Chlorophenol	ND		110	30	ug/Kg	☼	10/28/24 08:13	10/30/24 14:15	1
2-Methylnaphthalene	ND		46	15	ug/Kg	☼	10/28/24 08:13	10/30/24 14:15	1
2-Methylphenol	ND		230	47	ug/Kg	☼	10/28/24 08:13	10/30/24 14:15	1
2-Nitroaniline	ND		230	43	ug/Kg	☼	10/28/24 08:13	10/30/24 14:15	1
2-Nitrophenol	ND		110	40	ug/Kg	☼	10/28/24 08:13	10/30/24 14:15	1
3,3'-Dichlorobenzidine	ND		170	110	ug/Kg	☼	10/28/24 08:13	10/30/24 14:15	1
3-Nitroaniline	ND		230	40	ug/Kg	☼	10/28/24 08:13	10/30/24 14:15	1
4,6-Dinitro-2-methylphenol	ND		380	120	ug/Kg	☼	10/28/24 08:13	10/30/24 14:15	1
4-Bromophenyl phenyl ether	ND		110	37	ug/Kg	☼	10/28/24 08:13	10/30/24 14:15	1
4-Chloro-3-methylphenol	ND		170	43	ug/Kg	☼	10/28/24 08:13	10/30/24 14:15	1
4-Chloroaniline	ND		170	18	ug/Kg	☼	10/28/24 08:13	10/30/24 14:15	1
4-Chlorophenyl phenyl ether	ND		110	32	ug/Kg	☼	10/28/24 08:13	10/30/24 14:15	1
4-Nitroaniline	ND		230	30	ug/Kg	☼	10/28/24 08:13	10/30/24 14:15	1
4-Nitrophenol	ND		380	100	ug/Kg	☼	10/28/24 08:13	10/30/24 14:15	1
Acenaphthene	ND		46	16	ug/Kg	☼	10/28/24 08:13	10/30/24 14:15	1
Acenaphthylene	ND		46	17	ug/Kg	☼	10/28/24 08:13	10/30/24 14:15	1
Acetophenone	ND		110	29	ug/Kg	☼	10/28/24 08:13	10/30/24 14:15	1
Anthracene	ND		46	14	ug/Kg	☼	10/28/24 08:13	10/30/24 14:15	1
Atrazine	ND		380	79	ug/Kg	☼	10/28/24 08:13	10/30/24 14:15	1
Benzaldehyde	ND		380	64	ug/Kg	☼	10/28/24 08:13	10/30/24 14:15	1
Benzo[a]anthracene	ND		46	17	ug/Kg	☼	10/28/24 08:13	10/30/24 14:15	1
Benzo[a]pyrene	ND		46	16	ug/Kg	☼	10/28/24 08:13	10/30/24 14:15	1
Benzo[b]fluoranthene	ND		46	14	ug/Kg	☼	10/28/24 08:13	10/30/24 14:15	1
Benzo[g,h,i]perylene	ND		46	31	ug/Kg	☼	10/28/24 08:13	10/30/24 14:15	1
Benzo[k]fluoranthene	ND		46	11	ug/Kg	☼	10/28/24 08:13	10/30/24 14:15	1
Bis(2-chloroethoxy)methane	ND		110	23	ug/Kg	☼	10/28/24 08:13	10/30/24 14:15	1
Bis(2-chloroethyl)ether	ND		110	25	ug/Kg	☼	10/28/24 08:13	10/30/24 14:15	1
Bis(2-ethylhexyl) phthalate	ND		170	64	ug/Kg	☼	10/28/24 08:13	10/30/24 14:15	1
Butyl benzyl phthalate	ND		170	58	ug/Kg	☼	10/28/24 08:13	10/30/24 14:15	1
Caprolactam	ND		380	79	ug/Kg	☼	10/28/24 08:13	10/30/24 14:15	1
Carbazole	ND		110	31	ug/Kg	☼	10/28/24 08:13	10/30/24 14:15	1
Chrysene	ND		46	16	ug/Kg	☼	10/28/24 08:13	10/30/24 14:15	1
Dibenz(a,h)anthracene	ND		46	17	ug/Kg	☼	10/28/24 08:13	10/30/24 14:15	1

Client Sample ID: SB-3-6-8
Date Collected: 10/22/24 13:58
Date Received: 10/23/24 16:10

Lab Sample ID: 240-213619-5
Matrix: Solid
Percent Solids: 87.8

Method: SW846 8270E - Semivolatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Dibenzofuran	ND		110	33	ug/Kg	☼	10/28/24 08:13	10/30/24 14:15	1
Diethyl phthalate	ND		170	49	ug/Kg	☼	10/28/24 08:13	10/30/24 14:15	1
Dimethyl phthalate	ND		170	46	ug/Kg	☼	10/28/24 08:13	10/30/24 14:15	1
Di-n-butyl phthalate	ND		170	58	ug/Kg	☼	10/28/24 08:13	10/30/24 14:15	1
Di-n-octyl phthalate	ND		170	57	ug/Kg	☼	10/28/24 08:13	10/30/24 14:15	1
Fluoranthene	ND		46	16	ug/Kg	☼	10/28/24 08:13	10/30/24 14:15	1
Fluorene	ND		46	16	ug/Kg	☼	10/28/24 08:13	10/30/24 14:15	1
Hexachlorobenzene	ND		46	16	ug/Kg	☼	10/28/24 08:13	10/30/24 14:15	1
Hexachlorobutadiene	ND		110	24	ug/Kg	☼	10/28/24 08:13	10/30/24 14:15	1
Hexachlorocyclopentadiene	ND		380	45	ug/Kg	☼	10/28/24 08:13	10/30/24 14:15	1
Hexachloroethane	ND		110	37	ug/Kg	☼	10/28/24 08:13	10/30/24 14:15	1
Indeno[1,2,3-cd]pyrene	ND		46	14	ug/Kg	☼	10/28/24 08:13	10/30/24 14:15	1
Isophorone	ND		110	30	ug/Kg	☼	10/28/24 08:13	10/30/24 14:15	1
N-Nitrosodi-n-propylamine	ND		110	42	ug/Kg	☼	10/28/24 08:13	10/30/24 14:15	1
N-Nitrosodiphenylamine	ND		110	31	ug/Kg	☼	10/28/24 08:13	10/30/24 14:15	1
Naphthalene	ND		46	15	ug/Kg	☼	10/28/24 08:13	10/30/24 14:15	1
Nitrobenzene	ND		110	25	ug/Kg	☼	10/28/24 08:13	10/30/24 14:15	1
Pentachlorophenol	ND		310	120	ug/Kg	☼	10/28/24 08:13	10/30/24 14:15	1
Phenanthrene	ND		46	15	ug/Kg	☼	10/28/24 08:13	10/30/24 14:15	1
Phenol	ND		110	43	ug/Kg	☼	10/28/24 08:13	10/30/24 14:15	1
Pyrene	ND		46	18	ug/Kg	☼	10/28/24 08:13	10/30/24 14:15	1
3 & 4 Methylphenol	ND		460	47	ug/Kg	☼	10/28/24 08:13	10/30/24 14:15	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Terphenyl-d14 (Surr)	*69*		*37 - 120*	*10/28/24 08:13*	*10/30/24 14:15*	*1*
Phenol-d5 (Surr)	*60*		*29 - 120*	*10/28/24 08:13*	*10/30/24 14:15*	*1*
Nitrobenzene-d5 (Surr)	*51*		*28 - 120*	*10/28/24 08:13*	*10/30/24 14:15*	*1*
2-Fluorophenol (Surr)	*58*		*26 - 120*	*10/28/24 08:13*	*10/30/24 14:15*	*1*
2-Fluorobiphenyl (Surr)	*58*		*36 - 120*	*10/28/24 08:13*	*10/30/24 14:15*	*1*
2,4,6-Tribromophenol (Surr)	*44*		*10 - 120*	*10/28/24 08:13*	*10/30/24 14:15*	*1*

Method: SW846 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aroclor-1016	ND		57	29	ug/Kg	☼	10/29/24 08:34	10/29/24 22:39	1
Aroclor-1221	ND		57	34	ug/Kg	☼	10/29/24 08:34	10/29/24 22:39	1
Aroclor-1232	ND		57	24	ug/Kg	☼	10/29/24 08:34	10/29/24 22:39	1
Aroclor-1242	ND		57	22	ug/Kg	☼	10/29/24 08:34	10/29/24 22:39	1
Aroclor-1248	ND		57	20	ug/Kg	☼	10/29/24 08:34	10/29/24 22:39	1
Aroclor-1254	ND		57	24	ug/Kg	☼	10/29/24 08:34	10/29/24 22:39	1
Aroclor-1260	ND		57	24	ug/Kg	☼	10/29/24 08:34	10/29/24 22:39	1
Aroclor-1262	ND		57	25	ug/Kg	☼	10/29/24 08:34	10/29/24 22:39	1
Aroclor-1268	ND		57	18	ug/Kg	☼	10/29/24 08:34	10/29/24 22:39	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Tetrachloro-m-xylene	*74*		*10 - 149*	*10/29/24 08:34*	*10/29/24 22:39*	*1*
DCB Decachlorobiphenyl	*91*		*10 - 174*	*10/29/24 08:34*	*10/29/24 22:39*	*1*

Method: SW846 6010D - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	**17**		1.2	0.26	mg/Kg	☼	10/25/24 15:00	10/28/24 14:57	1

Client: August Mack Environmental, Inc.
Project/Site: MSC Canfield

Job ID: 240-213619-1

Client Sample ID: SB-3-6-8

Date Collected: 10/22/24 13:58
Date Received: 10/23/24 16:10

Lab Sample ID: 240-213619-5

Matrix: Solid
Percent Solids: 87.8

Method: SW846 6010D - Metals (ICP) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Barium	**21**		17	0.10	mg/Kg	☼	10/25/24 15:00	10/28/24 14:57	1
Cadmium	**0.060**	**J**	0.42	0.040	mg/Kg	☼	10/25/24 15:00	10/28/24 14:57	1
Chromium	**8.2**		0.83	0.29	mg/Kg	☼	10/25/24 15:00	10/28/24 14:57	1
Copper	**27**		2.1	0.58	mg/Kg	☼	10/25/24 15:00	10/28/24 14:57	1
Lead	**11**		0.83	0.23	mg/Kg	☼	10/25/24 15:00	10/28/24 14:57	1
Selenium	ND		1.7	0.39	mg/Kg	☼	10/25/24 15:00	10/28/24 14:57	1
Silver	ND	L	0.83	0.067	mg/Kg	☼	10/25/24 15:00	10/28/24 14:57	1
Zinc	**57**		4.2	3.0	mg/Kg	☼	10/25/24 15:00	10/28/24 14:57	1

Method: SW846 7471B - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	ND		0.12	0.022	mg/Kg	☼	10/25/24 15:00	10/28/24 11:33	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cr (VI) (SW846 7196A)	ND		0.46	0.15	mg/Kg	☼	11/05/24 11:16	11/05/24 22:06	1
Cyanide, Total (SW846 9012B)	ND		0.59	0.47	mg/Kg	☼	11/04/24 14:48	11/04/24 16:47	1

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Solids (EPA Moisture)	**87.8**		0.1	0.1	%			10/25/24 12:20	1
Percent Moisture (EPA Moisture)	**12.2**		0.1	0.1	%			10/25/24 12:20	1

General Chemistry - ASTM Leach

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cyanide, Free (OI CORP OIA-1677)	ND		0.0060	0.0050	mg/L			11/09/24 17:10	1

Client: August Mack Environmental, Inc.
Project/Site: MSC Canfield

Job ID: 240-213619-1

Client Sample ID: SB-3-10-12
Date Collected: 10/22/24 14:00
Date Received: 10/23/24 16:10

Lab Sample ID: 240-213619-6
Matrix: Solid
Percent Solids: 88.1

Method: SW846 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		5.4	1.9	ug/Kg	☼	11/01/24 11:52	11/01/24 19:15	1
1,1,2,2-Tetrachloroethane	ND		5.4	1.6	ug/Kg	☼	11/01/24 11:52	11/01/24 19:15	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		5.4	1.4	ug/Kg	☼	11/01/24 11:52	11/01/24 19:15	1
1,1,2-Trichloroethane	ND		5.4	1.2	ug/Kg	☼	11/01/24 11:52	11/01/24 19:15	1
1,1-Dichloroethane	ND		5.4	1.5	ug/Kg	☼	11/01/24 11:52	11/01/24 19:15	1
1,1-Dichloroethene	ND		5.4	2.0	ug/Kg	☼	11/01/24 11:52	11/01/24 19:15	1
1,2,4-Trichlorobenzene	ND		5.4	2.7	ug/Kg	☼	11/01/24 11:52	11/01/24 19:15	1
1,2-Dibromo-3-Chloropropane	ND		11	3.9	ug/Kg	☼	11/01/24 11:52	11/01/24 19:15	1
Ethylene Dibromide	ND		5.4	1.8	ug/Kg	☼	11/01/24 11:52	11/01/24 19:15	1
1,2-Dichlorobenzene	ND		5.4	1.2	ug/Kg	☼	11/01/24 11:52	11/01/24 19:15	1
1,2-Dichloroethane	ND		5.4	2.0	ug/Kg	☼	11/01/24 11:52	11/01/24 19:15	1
1,2-Dichloropropane	ND		5.4	0.93	ug/Kg	☼	11/01/24 11:52	11/01/24 19:15	1
1,3-Dichlorobenzene	ND		5.4	1.8	ug/Kg	☼	11/01/24 11:52	11/01/24 19:15	1
1,4-Dichlorobenzene	ND		5.4	0.96	ug/Kg	☼	11/01/24 11:52	11/01/24 19:15	1
2-Butanone (MEK)	ND		22	3.9	ug/Kg	☼	11/01/24 11:52	11/01/24 19:15	1
2-Hexanone	ND		22	4.4	ug/Kg	☼	11/01/24 11:52	11/01/24 19:15	1
4-Methyl-2-pentanone (MIBK)	ND		22	4.0	ug/Kg	☼	11/01/24 11:52	11/01/24 19:15	1
Acetone	**30**		27	23	ug/Kg	☼	11/01/24 11:52	11/01/24 19:15	1
Benzene	ND		5.4	1.6	ug/Kg	☼	11/01/24 11:52	11/01/24 19:15	1
Dichlorobromomethane	ND		5.4	1.6	ug/Kg	☼	11/01/24 11:52	11/01/24 19:15	1
Bromoform	ND		5.4	2.6	ug/Kg	☼	11/01/24 11:52	11/01/24 19:15	1
Bromomethane	ND		5.4	4.5	ug/Kg	☼	11/01/24 11:52	11/01/24 19:15	1
Carbon disulfide	ND		5.4	1.3	ug/Kg	☼	11/01/24 11:52	11/01/24 19:15	1
Carbon tetrachloride	ND		5.4	3.5	ug/Kg	☼	11/01/24 11:52	11/01/24 19:15	1
Chlorobenzene	ND		5.4	1.0	ug/Kg	☼	11/01/24 11:52	11/01/24 19:15	1
Chloroethane	ND		5.4	3.0	ug/Kg	☼	11/01/24 11:52	11/01/24 19:15	1
Chloroform	ND		5.4	1.9	ug/Kg	☼	11/01/24 11:52	11/01/24 19:15	1
Chloromethane	ND		5.4	2.5	ug/Kg	☼	11/01/24 11:52	11/01/24 19:15	1
cis-1,2-Dichloroethene	ND		5.4	1.6	ug/Kg	☼	11/01/24 11:52	11/01/24 19:15	1
cis-1,3-Dichloropropene	ND		5.4	3.1	ug/Kg	☼	11/01/24 11:52	11/01/24 19:15	1
Cyclohexane	ND		11	1.5	ug/Kg	☼	11/01/24 11:52	11/01/24 19:15	1
Chlorodibromomethane	ND		5.4	3.0	ug/Kg	☼	11/01/24 11:52	11/01/24 19:15	1
Dichlorodifluoromethane	ND		5.4	2.5	ug/Kg	☼	11/01/24 11:52	11/01/24 19:15	1
Ethylbenzene	ND		5.4	1.1	ug/Kg	☼	11/01/24 11:52	11/01/24 19:15	1
Isopropylbenzene	ND		5.4	2.1	ug/Kg	☼	11/01/24 11:52	11/01/24 19:15	1
Methyl acetate	ND		27	3.7	ug/Kg	☼	11/01/24 11:52	11/01/24 19:15	1
Methyl tert-butyl ether	ND		5.4	2.2	ug/Kg	☼	11/01/24 11:52	11/01/24 19:15	1
Methylcyclohexane	ND		11	1.3	ug/Kg	☼	11/01/24 11:52	11/01/24 19:15	1
Methylene Chloride	ND	*+	27	13	ug/Kg	☼	11/01/24 11:52	11/01/24 19:15	1
Styrene	ND		5.4	1.3	ug/Kg	☼	11/01/24 11:52	11/01/24 19:15	1
Tetrachloroethene	ND		5.4	2.1	ug/Kg	☼	11/01/24 11:52	11/01/24 19:15	1
Toluene	ND		5.4	0.84	ug/Kg	☼	11/01/24 11:52	11/01/24 19:15	1
trans-1,2-Dichloroethene	ND		5.4	1.5	ug/Kg	☼	11/01/24 11:52	11/01/24 19:15	1
trans-1,3-Dichloropropene	ND		5.4	2.0	ug/Kg	☼	11/01/24 11:52	11/01/24 19:15	1
Trichloroethene	ND		5.4	1.6	ug/Kg	☼	11/01/24 11:52	11/01/24 19:15	1
Trichlorofluoromethane	ND		5.4	2.9	ug/Kg	☼	11/01/24 11:52	11/01/24 19:15	1
Vinyl chloride	ND		5.4	1.9	ug/Kg	☼	11/01/24 11:52	11/01/24 19:15	1
Xylenes, Total	ND		11	1.7	ug/Kg	☼	11/01/24 11:52	11/01/24 19:15	1

Client Sample ID: SB-3-10-12
Date Collected: 10/22/24 14:00
Date Received: 10/23/24 16:10

Lab Sample ID: 240-213619-6
Matrix: Solid
Percent Solids: 88.1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Toluene-d8 (Surr)	*105*		*56 - 125*	*11/01/24 11:52*	*11/01/24 19:15*	*1*
Dibromofluoromethane (Surr)	*104*		*41 - 138*	*11/01/24 11:52*	*11/01/24 19:15*	*1*
4-Bromofluorobenzene (Surr)	*99*		*41 - 143*	*11/01/24 11:52*	*11/01/24 19:15*	*1*
1,2-Dichloroethane-d4 (Surr)	*108*		*58 - 125*	*11/01/24 11:52*	*11/01/24 19:15*	*1*

Method: SW846 8270E - Semivolatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1'-Biphenyl	ND		110	31	ug/Kg	☼	10/28/24 08:13	10/30/24 14:39	1
bis (2-chloroisopropyl) ether	ND		110	29	ug/Kg	☼	10/28/24 08:13	10/30/24 14:39	1
2,4,5-Trichlorophenol	ND		170	37	ug/Kg	☼	10/28/24 08:13	10/30/24 14:39	1
2,4,6-Trichlorophenol	ND		170	32	ug/Kg	☼	10/28/24 08:13	10/30/24 14:39	1
2,4-Dichlorophenol	ND		170	30	ug/Kg	☼	10/28/24 08:13	10/30/24 14:39	1
2,4-Dimethylphenol	ND		170	40	ug/Kg	☼	10/28/24 08:13	10/30/24 14:39	1
2,4-Dinitrophenol	ND		370	190	ug/Kg	☼	10/28/24 08:13	10/30/24 14:39	1
2,4-Dinitrotoluene	ND		220	26	ug/Kg	☼	10/28/24 08:13	10/30/24 14:39	1
2,6-Dinitrotoluene	ND		220	40	ug/Kg	☼	10/28/24 08:13	10/30/24 14:39	1
2-Chloronaphthalene	ND		110	31	ug/Kg	☼	10/28/24 08:13	10/30/24 14:39	1
2-Chlorophenol	ND		110	29	ug/Kg	☼	10/28/24 08:13	10/30/24 14:39	1
2-Methylnaphthalene	**15**	**J**	45	15	ug/Kg	☼	10/28/24 08:13	10/30/24 14:39	1
2-Methylphenol	ND		220	46	ug/Kg	☼	10/28/24 08:13	10/30/24 14:39	1
2-Nitroaniline	ND		220	43	ug/Kg	☼	10/28/24 08:13	10/30/24 14:39	1
2-Nitrophenol	ND		110	39	ug/Kg	☼	10/28/24 08:13	10/30/24 14:39	1
3,3'-Dichlorobenzidine	ND		170	110	ug/Kg	☼	10/28/24 08:13	10/30/24 14:39	1
3-Nitroaniline	ND		220	39	ug/Kg	☼	10/28/24 08:13	10/30/24 14:39	1
4,6-Dinitro-2-methylphenol	ND		370	120	ug/Kg	☼	10/28/24 08:13	10/30/24 14:39	1
4-Bromophenyl phenyl ether	ND		110	36	ug/Kg	☼	10/28/24 08:13	10/30/24 14:39	1
4-Chloro-3-methylphenol	ND		170	43	ug/Kg	☼	10/28/24 08:13	10/30/24 14:39	1
4-Chloroaniline	ND		170	18	ug/Kg	☼	10/28/24 08:13	10/30/24 14:39	1
4-Chlorophenyl phenyl ether	ND		110	31	ug/Kg	☼	10/28/24 08:13	10/30/24 14:39	1
4-Nitroaniline	ND		220	29	ug/Kg	☼	10/28/24 08:13	10/30/24 14:39	1
4-Nitrophenol	ND		370	100	ug/Kg	☼	10/28/24 08:13	10/30/24 14:39	1
Acenaphthene	ND		45	16	ug/Kg	☼	10/28/24 08:13	10/30/24 14:39	1
Acenaphthylene	ND		45	17	ug/Kg	☼	10/28/24 08:13	10/30/24 14:39	1
Acetophenone	ND		110	28	ug/Kg	☼	10/28/24 08:13	10/30/24 14:39	1
Anthracene	ND		45	13	ug/Kg	☼	10/28/24 08:13	10/30/24 14:39	1
Atrazine	ND		370	77	ug/Kg	☼	10/28/24 08:13	10/30/24 14:39	1
Benzaldehyde	ND		370	63	ug/Kg	☼	10/28/24 08:13	10/30/24 14:39	1
Benzo[a]anthracene	ND		45	17	ug/Kg	☼	10/28/24 08:13	10/30/24 14:39	1
Benzo[a]pyrene	ND		45	16	ug/Kg	☼	10/28/24 08:13	10/30/24 14:39	1
Benzo[b]fluoranthene	ND		45	13	ug/Kg	☼	10/28/24 08:13	10/30/24 14:39	1
Benzo[g,h,i]perylene	ND		45	30	ug/Kg	☼	10/28/24 08:13	10/30/24 14:39	1
Benzo[k]fluoranthene	ND		45	11	ug/Kg	☼	10/28/24 08:13	10/30/24 14:39	1
Bis(2-chloroethoxy)methane	ND		110	22	ug/Kg	☼	10/28/24 08:13	10/30/24 14:39	1
Bis(2-chloroethyl)ether	ND		110	25	ug/Kg	☼	10/28/24 08:13	10/30/24 14:39	1
Bis(2-ethylhexyl) phthalate	ND		170	63	ug/Kg	☼	10/28/24 08:13	10/30/24 14:39	1
Butyl benzyl phthalate	ND		170	57	ug/Kg	☼	10/28/24 08:13	10/30/24 14:39	1
Caprolactam	ND		370	77	ug/Kg	☼	10/28/24 08:13	10/30/24 14:39	1
Carbazole	ND		110	30	ug/Kg	☼	10/28/24 08:13	10/30/24 14:39	1
Chrysene	ND		45	16	ug/Kg	☼	10/28/24 08:13	10/30/24 14:39	1
Dibenz(a,h)anthracene	ND		45	17	ug/Kg	☼	10/28/24 08:13	10/30/24 14:39	1

Client Sample ID: SB-3-10-12
Date Collected: 10/22/24 14:00
Date Received: 10/23/24 16:10

Lab Sample ID: 240-213619-6
Matrix: Solid
Percent Solids: 88.1

Method: SW846 8270E - Semivolatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Dibenzofuran	ND		110	32	ug/Kg	☼	10/28/24 08:13	10/30/24 14:39	1
Diethyl phthalate	ND		170	48	ug/Kg	☼	10/28/24 08:13	10/30/24 14:39	1
Dimethyl phthalate	ND		170	45	ug/Kg	☼	10/28/24 08:13	10/30/24 14:39	1
Di-n-butyl phthalate	ND		170	57	ug/Kg	☼	10/28/24 08:13	10/30/24 14:39	1
Di-n-octyl phthalate	ND		170	56	ug/Kg	☼	10/28/24 08:13	10/30/24 14:39	1
Fluoranthene	ND		45	16	ug/Kg	☼	10/28/24 08:13	10/30/24 14:39	1
Fluorene	ND		45	16	ug/Kg	☼	10/28/24 08:13	10/30/24 14:39	1
Hexachlorobenzene	ND		45	16	ug/Kg	☼	10/28/24 08:13	10/30/24 14:39	1
Hexachlorobutadiene	ND		110	24	ug/Kg	☼	10/28/24 08:13	10/30/24 14:39	1
Hexachlorocyclopentadiene	ND		370	44	ug/Kg	☼	10/28/24 08:13	10/30/24 14:39	1
Hexachloroethane	ND		110	36	ug/Kg	☼	10/28/24 08:13	10/30/24 14:39	1
Indeno[1,2,3-cd]pyrene	ND		45	13	ug/Kg	☼	10/28/24 08:13	10/30/24 14:39	1
Isophorone	ND		110	29	ug/Kg	☼	10/28/24 08:13	10/30/24 14:39	1
N-Nitrosodi-n-propylamine	ND		110	41	ug/Kg	☼	10/28/24 08:13	10/30/24 14:39	1
N-Nitrosodiphenylamine	ND		110	30	ug/Kg	☼	10/28/24 08:13	10/30/24 14:39	1
Naphthalene	ND		45	15	ug/Kg	☼	10/28/24 08:13	10/30/24 14:39	1
Nitrobenzene	ND		110	25	ug/Kg	☼	10/28/24 08:13	10/30/24 14:39	1
Pentachlorophenol	ND		300	120	ug/Kg	☼	10/28/24 08:13	10/30/24 14:39	1
Phenanthrene	**26**	**J**	45	15	ug/Kg	☼	10/28/24 08:13	10/30/24 14:39	1
Phenol	ND		110	43	ug/Kg	☼	10/28/24 08:13	10/30/24 14:39	1
Pyrene	ND		45	18	ug/Kg	☼	10/28/24 08:13	10/30/24 14:39	1
3 & 4 Methylphenol	ND		450	46	ug/Kg	☼	10/28/24 08:13	10/30/24 14:39	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Terphenyl-d14 (Surr)	*64*		*37 - 120*	*10/28/24 08:13*	*10/30/24 14:39*	*1*
Phenol-d5 (Surr)	*65*		*29 - 120*	*10/28/24 08:13*	*10/30/24 14:39*	*1*
Nitrobenzene-d5 (Surr)	*55*		*28 - 120*	*10/28/24 08:13*	*10/30/24 14:39*	*1*
2-Fluorophenol (Surr)	*63*		*26 - 120*	*10/28/24 08:13*	*10/30/24 14:39*	*1*
2-Fluorobiphenyl (Surr)	*62*		*36 - 120*	*10/28/24 08:13*	*10/30/24 14:39*	*1*
2,4,6-Tribromophenol (Surr)	*17*		*10 - 120*	*10/28/24 08:13*	*10/30/24 14:39*	*1*

Method: SW846 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aroclor-1016	ND		55	28	ug/Kg	☼	10/29/24 08:34	10/29/24 22:54	1
Aroclor-1221	ND		55	33	ug/Kg	☼	10/29/24 08:34	10/29/24 22:54	1
Aroclor-1232	ND		55	23	ug/Kg	☼	10/29/24 08:34	10/29/24 22:54	1
Aroclor-1242	ND		55	21	ug/Kg	☼	10/29/24 08:34	10/29/24 22:54	1
Aroclor-1248	ND		55	19	ug/Kg	☼	10/29/24 08:34	10/29/24 22:54	1
Aroclor-1254	ND		55	23	ug/Kg	☼	10/29/24 08:34	10/29/24 22:54	1
Aroclor-1260	ND		55	23	ug/Kg	☼	10/29/24 08:34	10/29/24 22:54	1
Aroclor-1262	ND		55	24	ug/Kg	☼	10/29/24 08:34	10/29/24 22:54	1
Aroclor-1268	ND		55	18	ug/Kg	☼	10/29/24 08:34	10/29/24 22:54	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Tetrachloro-m-xylene	*75*		*10 - 149*	*10/29/24 08:34*	*10/29/24 22:54*	*1*
DCB Decachlorobiphenyl	*99*		*10 - 174*	*10/29/24 08:34*	*10/29/24 22:54*	*1*

Method: SW846 6010D - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	**16**		1.6	0.33	mg/Kg	☼	10/25/24 15:00	10/28/24 15:01	1

Client: August Mack Environmental, Inc.
Project/Site: MSC Canfield

Job ID: 240-213619-1

Client Sample ID: SB-3-10-12
Date Collected: 10/22/24 14:00
Date Received: 10/23/24 16:10

Lab Sample ID: 240-213619-6
Matrix: Solid
Percent Solids: 88.1

Method: SW846 6010D - Metals (ICP) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Barium	23		21	0.13	mg/Kg	☼	10/25/24 15:00	10/28/24 15:01	1
Cadmium	0.051	J	0.52	0.050	mg/Kg	☼	10/25/24 15:00	10/28/24 15:01	1
Chromium	13		1.0	0.36	mg/Kg	☼	10/25/24 15:00	10/28/24 15:01	1
Copper	59		2.6	0.73	mg/Kg	☼	10/25/24 15:00	10/28/24 15:01	1
Lead	9.9		1.0	0.29	mg/Kg	☼	10/25/24 15:00	10/28/24 15:01	1
Selenium	0.58	J	2.1	0.49	mg/Kg	☼	10/25/24 15:00	10/28/24 15:01	1
Silver	ND	L	1.0	0.084	mg/Kg	☼	10/25/24 15:00	10/28/24 15:01	1
Zinc	64		5.2	3.8	mg/Kg	☼	10/25/24 15:00	10/28/24 15:01	1

Method: SW846 7471B - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	ND		0.10	0.019	mg/Kg	☼	10/25/24 15:00	10/28/24 11:35	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cr (VI) (SW846 7196A)	ND		0.47	0.16	mg/Kg	☼	11/05/24 11:16	11/05/24 22:06	1
Cyanide, Total (SW846 9012B)	ND		0.59	0.47	mg/Kg	☼	11/04/24 14:48	11/04/24 16:52	1

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Solids (EPA Moisture)	88.1		0.1	0.1	%			10/25/24 12:20	1
Percent Moisture (EPA Moisture)	11.9		0.1	0.1	%			10/25/24 12:20	1

General Chemistry - ASTM Leach

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cyanide, Free (OI CORP OIA-1677)	ND		0.0060	0.0050	mg/L			11/09/24 16:35	1

Client: August Mack Environmental, Inc.
Project/Site: MSC Canfield

Job ID: 240-213619-1

Client Sample ID: SB-3-16-18
Date Collected: 10/22/24 14:04
Date Received: 10/23/24 16:10

Lab Sample ID: 240-213619-7
Matrix: Solid
Percent Solids: 86.4

Method: SW846 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		5.3	1.9	ug/Kg	☼	11/01/24 11:52	11/01/24 19:37	1
1,1,2,2-Tetrachloroethane	ND	*3	5.3	1.5	ug/Kg	☼	11/01/24 11:52	11/01/24 19:37	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		5.3	1.4	ug/Kg	☼	11/01/24 11:52	11/01/24 19:37	1
1,1,2-Trichloroethane	ND		5.3	1.2	ug/Kg	☼	11/01/24 11:52	11/01/24 19:37	1
1,1-Dichloroethane	ND		5.3	1.5	ug/Kg	☼	11/01/24 11:52	11/01/24 19:37	1
1,1-Dichloroethene	ND		5.3	1.9	ug/Kg	☼	11/01/24 11:52	11/01/24 19:37	1
1,2,4-Trichlorobenzene	ND	*3	5.3	2.6	ug/Kg	☼	11/01/24 11:52	11/01/24 19:37	1
1,2-Dibromo-3-Chloropropane	ND	*3	11	3.8	ug/Kg	☼	11/01/24 11:52	11/01/24 19:37	1
Ethylene Dibromide	ND		5.3	1.8	ug/Kg	☼	11/01/24 11:52	11/01/24 19:37	1
1,2-Dichlorobenzene	ND	*3	5.3	1.2	ug/Kg	☼	11/01/24 11:52	11/01/24 19:37	1
1,2-Dichloroethane	ND		5.3	1.9	ug/Kg	☼	11/01/24 11:52	11/01/24 19:37	1
1,2-Dichloropropane	ND		5.3	0.90	ug/Kg	☼	11/01/24 11:52	11/01/24 19:37	1
1,3-Dichlorobenzene	ND	*3	5.3	1.7	ug/Kg	☼	11/01/24 11:52	11/01/24 19:37	1
1,4-Dichlorobenzene	ND	*3	5.3	0.93	ug/Kg	☼	11/01/24 11:52	11/01/24 19:37	1
2-Butanone (MEK)	**5.1**	**J B**	21	3.8	ug/Kg	☼	11/01/24 11:52	11/01/24 19:37	1
2-Hexanone	ND		21	4.3	ug/Kg	☼	11/01/24 11:52	11/01/24 19:37	1
4-Methyl-2-pentanone (MIBK)	ND		21	3.9	ug/Kg	☼	11/01/24 11:52	11/01/24 19:37	1
Acetone	ND		26	22	ug/Kg	☼	11/01/24 11:52	11/01/24 19:37	1
Benzene	ND		5.3	1.6	ug/Kg	☼	11/01/24 11:52	11/01/24 19:37	1
Dichlorobromomethane	ND		5.3	1.6	ug/Kg	☼	11/01/24 11:52	11/01/24 19:37	1
Bromoform	ND		5.3	2.5	ug/Kg	☼	11/01/24 11:52	11/01/24 19:37	1
Bromomethane	ND		5.3	4.4	ug/Kg	☼	11/01/24 11:52	11/01/24 19:37	1
Carbon disulfide	ND		5.3	1.2	ug/Kg	☼	11/01/24 11:52	11/01/24 19:37	1
Carbon tetrachloride	ND		5.3	3.4	ug/Kg	☼	11/01/24 11:52	11/01/24 19:37	1
Chlorobenzene	ND		5.3	0.97	ug/Kg	☼	11/01/24 11:52	11/01/24 19:37	1
Chloroethane	ND		5.3	2.9	ug/Kg	☼	11/01/24 11:52	11/01/24 19:37	1
Chloroform	ND		5.3	1.9	ug/Kg	☼	11/01/24 11:52	11/01/24 19:37	1
Chloromethane	ND		5.3	2.4	ug/Kg	☼	11/01/24 11:52	11/01/24 19:37	1
cis-1,2-Dichloroethene	ND		5.3	1.6	ug/Kg	☼	11/01/24 11:52	11/01/24 19:37	1
cis-1,3-Dichloropropene	ND		5.3	3.0	ug/Kg	☼	11/01/24 11:52	11/01/24 19:37	1
Cyclohexane	ND		11	1.5	ug/Kg	☼	11/01/24 11:52	11/01/24 19:37	1
Chlorodibromomethane	ND		5.3	2.9	ug/Kg	☼	11/01/24 11:52	11/01/24 19:37	1
Dichlorodifluoromethane	ND		5.3	2.4	ug/Kg	☼	11/01/24 11:52	11/01/24 19:37	1
Ethylbenzene	ND		5.3	1.1	ug/Kg	☼	11/01/24 11:52	11/01/24 19:37	1
Isopropylbenzene	ND		5.3	2.0	ug/Kg	☼	11/01/24 11:52	11/01/24 19:37	1
Methyl acetate	ND		26	3.6	ug/Kg	☼	11/01/24 11:52	11/01/24 19:37	1
Methyl tert-butyl ether	ND		5.3	2.1	ug/Kg	☼	11/01/24 11:52	11/01/24 19:37	1
Methylcyclohexane	ND		11	1.3	ug/Kg	☼	11/01/24 11:52	11/01/24 19:37	1
Methylene Chloride	ND	*+	26	13	ug/Kg	☼	11/01/24 11:52	11/01/24 19:37	1
Styrene	ND		5.3	1.2	ug/Kg	☼	11/01/24 11:52	11/01/24 19:37	1
Tetrachloroethene	ND		5.3	2.0	ug/Kg	☼	11/01/24 11:52	11/01/24 19:37	1
Toluene	**1.5**	**J**	5.3	0.82	ug/Kg	☼	11/01/24 11:52	11/01/24 19:37	1
trans-1,2-Dichloroethene	ND		5.3	1.5	ug/Kg	☼	11/01/24 11:52	11/01/24 19:37	1
trans-1,3-Dichloropropene	ND		5.3	1.9	ug/Kg	☼	11/01/24 11:52	11/01/24 19:37	1
Trichloroethene	ND		5.3	1.5	ug/Kg	☼	11/01/24 11:52	11/01/24 19:37	1
Trichlorofluoromethane	ND		5.3	2.8	ug/Kg	☼	11/01/24 11:52	11/01/24 19:37	1
Vinyl chloride	ND		5.3	1.9	ug/Kg	☼	11/01/24 11:52	11/01/24 19:37	1
Xylenes, Total	ND		11	1.7	ug/Kg	☼	11/01/24 11:52	11/01/24 19:37	1

Client: August Mack Environmental, Inc.
Project/Site: MSC Canfield

Job ID: 240-213619-1

Client Sample ID: SB-3-16-18
Date Collected: 10/22/24 14:04
Date Received: 10/23/24 16:10

Lab Sample ID: 240-213619-7
Matrix: Solid
Percent Solids: 86.4

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
Toluene-d8 (Surr)	112		56 - 125	11/01/24 11:52	11/01/24 19:37	1
Dibromofluoromethane (Surr)	101		41 - 138	11/01/24 11:52	11/01/24 19:37	1
4-Bromofluorobenzene (Surr)	118	*3	41 - 143	11/01/24 11:52	11/01/24 19:37	1
1,2-Dichloroethane-d4 (Surr)	100		58 - 125	11/01/24 11:52	11/01/24 19:37	1

Method: SW846 8270E - Semivolatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1'-Biphenyl	ND		120	33	ug/Kg	☼	10/28/24 08:13	10/31/24 15:48	1
bis (2-chloroisopropyl) ether	ND		120	31	ug/Kg	☼	10/28/24 08:13	10/31/24 15:48	1
2,4,5-Trichlorophenol	ND		180	39	ug/Kg	☼	10/28/24 08:13	10/31/24 15:48	1
2,4,6-Trichlorophenol	ND		180	34	ug/Kg	☼	10/28/24 08:13	10/31/24 15:48	1
2,4-Dichlorophenol	ND		180	32	ug/Kg	☼	10/28/24 08:13	10/31/24 15:48	1
2,4-Dimethylphenol	ND		180	42	ug/Kg	☼	10/28/24 08:13	10/31/24 15:48	1
2,4-Dinitrophenol	ND		390	200	ug/Kg	☼	10/28/24 08:13	10/31/24 15:48	1
2,4-Dinitrotoluene	ND		240	27	ug/Kg	☼	10/28/24 08:13	10/31/24 15:48	1
2,6-Dinitrotoluene	ND		240	42	ug/Kg	☼	10/28/24 08:13	10/31/24 15:48	1
2-Chloronaphthalene	ND		120	33	ug/Kg	☼	10/28/24 08:13	10/31/24 15:48	1
2-Chlorophenol	ND		120	31	ug/Kg	☼	10/28/24 08:13	10/31/24 15:48	1
2-Methylnaphthalene	**19**	**J**	47	15	ug/Kg	☼	10/28/24 08:13	10/31/24 15:48	1
2-Methylphenol	ND		240	48	ug/Kg	☼	10/28/24 08:13	10/31/24 15:48	1
2-Nitroaniline	ND		240	45	ug/Kg	☼	10/28/24 08:13	10/31/24 15:48	1
2-Nitrophenol	ND		120	41	ug/Kg	☼	10/28/24 08:13	10/31/24 15:48	1
3,3'-Dichlorobenzidine	ND		180	110	ug/Kg	☼	10/28/24 08:13	10/31/24 15:48	1
3-Nitroaniline	ND		240	41	ug/Kg	☼	10/28/24 08:13	10/31/24 15:48	1
4,6-Dinitro-2-methylphenol	ND		390	120	ug/Kg	☼	10/28/24 08:13	10/31/24 15:48	1
4-Bromophenyl phenyl ether	ND		120	38	ug/Kg	☼	10/28/24 08:13	10/31/24 15:48	1
4-Chloro-3-methylphenol	ND		180	45	ug/Kg	☼	10/28/24 08:13	10/31/24 15:48	1
4-Chloroaniline	ND		180	19	ug/Kg	☼	10/28/24 08:13	10/31/24 15:48	1
4-Chlorophenyl phenyl ether	ND		120	33	ug/Kg	☼	10/28/24 08:13	10/31/24 15:48	1
4-Nitroaniline	ND		240	31	ug/Kg	☼	10/28/24 08:13	10/31/24 15:48	1
4-Nitrophenol	ND		390	110	ug/Kg	☼	10/28/24 08:13	10/31/24 15:48	1
Acenaphthene	ND		47	16	ug/Kg	☼	10/28/24 08:13	10/31/24 15:48	1
Acenaphthylene	ND		47	18	ug/Kg	☼	10/28/24 08:13	10/31/24 15:48	1
Acetophenone	ND		120	29	ug/Kg	☼	10/28/24 08:13	10/31/24 15:48	1
Anthracene	ND		47	14	ug/Kg	☼	10/28/24 08:13	10/31/24 15:48	1
Atrazine	ND		390	81	ug/Kg	☼	10/28/24 08:13	10/31/24 15:48	1
Benzaldehyde	ND		390	66	ug/Kg	☼	10/28/24 08:13	10/31/24 15:48	1
Benzo[a]anthracene	ND		47	18	ug/Kg	☼	10/28/24 08:13	10/31/24 15:48	1
Benzo[a]pyrene	**17**	**J**	47	16	ug/Kg	☼	10/28/24 08:13	10/31/24 15:48	1
Benzo[b]fluoranthene	**27**	**J**	47	14	ug/Kg	☼	10/28/24 08:13	10/31/24 15:48	1
Benzo[g,h,i]perylene	**40**	**J**	47	32	ug/Kg	☼	10/28/24 08:13	10/31/24 15:48	1
Benzo[k]fluoranthene	ND		47	12	ug/Kg	☼	10/28/24 08:13	10/31/24 15:48	1
Bis(2-chloroethoxy)methane	ND		120	24	ug/Kg	☼	10/28/24 08:13	10/31/24 15:48	1
Bis(2-chloroethyl)ether	ND		120	26	ug/Kg	☼	10/28/24 08:13	10/31/24 15:48	1
Bis(2-ethylhexyl) phthalate	**81**	**J B**	180	66	ug/Kg	☼	10/28/24 08:13	10/31/24 15:48	1
Butyl benzyl phthalate	ND		180	60	ug/Kg	☼	10/28/24 08:13	10/31/24 15:48	1
Caprolactam	ND		390	81	ug/Kg	☼	10/28/24 08:13	10/31/24 15:48	1
Carbazole	ND		120	32	ug/Kg	☼	10/28/24 08:13	10/31/24 15:48	1
Chrysene	**29**	**J**	47	16	ug/Kg	☼	10/28/24 08:13	10/31/24 15:48	1
Dibenz(a,h)anthracene	ND		47	18	ug/Kg	☼	10/28/24 08:13	10/31/24 15:48	1

Client Sample ID: SB-3-16-18
Lab Sample ID: 240-213619-7
Date Collected: 10/22/24 14:04
Matrix: Solid
Date Received: 10/23/24 16:10
Percent Solids: 86.4

Method: SW846 8270E - Semivolatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Dibenzofuran	ND		120	34	ug/Kg	☼	10/28/24 08:13	10/31/24 15:48	1
Diethyl phthalate	ND		180	51	ug/Kg	☼	10/28/24 08:13	10/31/24 15:48	1
Dimethyl phthalate	ND		180	47	ug/Kg	☼	10/28/24 08:13	10/31/24 15:48	1
Di-n-butyl phthalate	ND		180	60	ug/Kg	☼	10/28/24 08:13	10/31/24 15:48	1
Di-n-octyl phthalate	ND		180	59	ug/Kg	☼	10/28/24 08:13	10/31/24 15:48	1
Fluoranthene	**34**	**J**	47	16	ug/Kg	☼	10/28/24 08:13	10/31/24 15:48	1
Fluorene	ND		47	16	ug/Kg	☼	10/28/24 08:13	10/31/24 15:48	1
Hexachlorobenzene	ND		47	16	ug/Kg	☼	10/28/24 08:13	10/31/24 15:48	1
Hexachlorobutadiene	ND		120	25	ug/Kg	☼	10/28/24 08:13	10/31/24 15:48	1
Hexachlorocyclopentadiene	ND		390	46	ug/Kg	☼	10/28/24 08:13	10/31/24 15:48	1
Hexachloroethane	ND		120	38	ug/Kg	☼	10/28/24 08:13	10/31/24 15:48	1
Indeno[1,2,3-cd]pyrene	ND		47	14	ug/Kg	☼	10/28/24 08:13	10/31/24 15:48	1
Isophorone	ND		120	31	ug/Kg	☼	10/28/24 08:13	10/31/24 15:48	1
N-Nitrosodi-n-propylamine	ND		120	44	ug/Kg	☼	10/28/24 08:13	10/31/24 15:48	1
N-Nitrosodiphenylamine	ND		120	32	ug/Kg	☼	10/28/24 08:13	10/31/24 15:48	1
Naphthalene	ND		47	15	ug/Kg	☼	10/28/24 08:13	10/31/24 15:48	1
Nitrobenzene	ND		120	26	ug/Kg	☼	10/28/24 08:13	10/31/24 15:48	1
Pentachlorophenol	ND		320	120	ug/Kg	☼	10/28/24 08:13	10/31/24 15:48	1
Phenanthrene	**32**	**J**	47	15	ug/Kg	☼	10/28/24 08:13	10/31/24 15:48	1
Phenol	ND		120	45	ug/Kg	☼	10/28/24 08:13	10/31/24 15:48	1
Pyrene	**49**		47	19	ug/Kg	☼	10/28/24 08:13	10/31/24 15:48	1
3 & 4 Methylphenol	ND		470	48	ug/Kg	☼	10/28/24 08:13	10/31/24 15:48	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Terphenyl-d14 (Surr)	*70*		*37 - 120*	*10/28/24 08:13*	*10/31/24 15:48*	*1*
Phenol-d5 (Surr)	*67*		*29 - 120*	*10/28/24 08:13*	*10/31/24 15:48*	*1*
Nitrobenzene-d5 (Surr)	*56*		*28 - 120*	*10/28/24 08:13*	*10/31/24 15:48*	*1*
2-Fluorophenol (Surr)	*67*		*26 - 120*	*10/28/24 08:13*	*10/31/24 15:48*	*1*
2-Fluorobiphenyl (Surr)	*68*		*36 - 120*	*10/28/24 08:13*	*10/31/24 15:48*	*1*
2,4,6-Tribromophenol (Surr)	*36*		*10 - 120*	*10/28/24 08:13*	*10/31/24 15:48*	*1*

Method: SW846 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aroclor-1016	ND		59	29	ug/Kg	☼	10/29/24 08:34	10/29/24 23:08	1
Aroclor-1221	ND		59	35	ug/Kg	☼	10/29/24 08:34	10/29/24 23:08	1
Aroclor-1232	ND		59	25	ug/Kg	☼	10/29/24 08:34	10/29/24 23:08	1
Aroclor-1242	ND		59	22	ug/Kg	☼	10/29/24 08:34	10/29/24 23:08	1
Aroclor-1248	ND		59	20	ug/Kg	☼	10/29/24 08:34	10/29/24 23:08	1
Aroclor-1254	ND		59	25	ug/Kg	☼	10/29/24 08:34	10/29/24 23:08	1
Aroclor-1260	ND		59	25	ug/Kg	☼	10/29/24 08:34	10/29/24 23:08	1
Aroclor-1262	ND		59	26	ug/Kg	☼	10/29/24 08:34	10/29/24 23:08	1
Aroclor-1268	ND		59	19	ug/Kg	☼	10/29/24 08:34	10/29/24 23:08	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Tetrachloro-m-xylene	*54*		*10 - 149*	*10/29/24 08:34*	*10/29/24 23:08*	*1*
DCB Decachlorobiphenyl	*72*		*10 - 174*	*10/29/24 08:34*	*10/29/24 23:08*	*1*

Method: SW846 6010D - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	**13**		1.4	0.30	mg/Kg	☼	10/25/24 15:00	10/28/24 15:06	1

Client: August Mack Environmental, Inc.
Project/Site: MSC Canfield

Job ID: 240-213619-1

Client Sample ID: SB-3-16-18

Date Collected: 10/22/24 14:04
Date Received: 10/23/24 16:10

Lab Sample ID: 240-213619-7

Matrix: Solid
Percent Solids: 86.4

Method: SW846 6010D - Metals (ICP) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Barium	**22**		19	0.12	mg/Kg	☼	10/25/24 15:00	10/28/24 15:06	1
Cadmium	ND		0.47	0.045	mg/Kg	☼	10/25/24 15:00	10/28/24 15:06	1
Chromium	**9.5**		0.94	0.32	mg/Kg	☼	10/25/24 15:00	10/28/24 15:06	1
Copper	**18**		2.4	0.66	mg/Kg	☼	10/25/24 15:00	10/28/24 15:06	1
Lead	**9.6**		0.94	0.27	mg/Kg	☼	10/25/24 15:00	10/28/24 15:06	1
Selenium	**0.52**	**J**	1.9	0.44	mg/Kg	☼	10/25/24 15:00	10/28/24 15:06	1
Silver	ND		0.94	0.076	mg/Kg	☼	10/25/24 15:00	10/28/24 15:06	1
Zinc	**59**		4.7	3.4	mg/Kg	☼	10/25/24 15:00	10/28/24 15:06	1

Method: SW846 7471B - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	ND		0.11	0.020	mg/Kg	☼	10/25/24 15:00	10/28/24 11:37	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cr (VI) (SW846 7196A)	ND		0.48	0.16	mg/Kg	☼	11/05/24 11:16	11/05/24 22:06	1
Cyanide, Total (SW846 9012B)	ND		0.66	0.52	mg/Kg	☼	11/04/24 14:48	11/04/24 16:54	1

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Solids (EPA Moisture)	**86.4**		0.1	0.1	%			10/25/24 12:20	1
Percent Moisture (EPA Moisture)	**13.6**		0.1	0.1	%			10/25/24 12:20	1

General Chemistry - ASTM Leach

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cyanide, Free (OI CORP OIA-1677)	ND		0.0060	0.0050	mg/L			11/09/24 16:13	1

Client: August Mack Environmental, Inc.
Project/Site: MSC Canfield

Job ID: 240-213619-1

Client Sample ID: SB-DUP-6
Date Collected: 10/22/24 00:00
Date Received: 10/23/24 16:10

Lab Sample ID: 240-213619-8
Matrix: Solid
Percent Solids: 88.6

Method: SW846 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		5.4	1.9	ug/Kg	☼	11/01/24 11:52	11/01/24 19:58	1
1,1,2,2-Tetrachloroethane	ND		5.4	1.6	ug/Kg	☼	11/01/24 11:52	11/01/24 19:58	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		5.4	1.4	ug/Kg	☼	11/01/24 11:52	11/01/24 19:58	1
1,1,2-Trichloroethane	ND		5.4	1.2	ug/Kg	☼	11/01/24 11:52	11/01/24 19:58	1
1,1-Dichloroethane	ND		5.4	1.5	ug/Kg	☼	11/01/24 11:52	11/01/24 19:58	1
1,1-Dichloroethene	ND		5.4	2.0	ug/Kg	☼	11/01/24 11:52	11/01/24 19:58	1
1,2,4-Trichlorobenzene	ND		5.4	2.7	ug/Kg	☼	11/01/24 11:52	11/01/24 19:58	1
1,2-Dibromo-3-Chloropropane	ND		11	3.9	ug/Kg	☼	11/01/24 11:52	11/01/24 19:58	1
Ethylene Dibromide	ND		5.4	1.8	ug/Kg	☼	11/01/24 11:52	11/01/24 19:58	1
1,2-Dichlorobenzene	ND		5.4	1.2	ug/Kg	☼	11/01/24 11:52	11/01/24 19:58	1
1,2-Dichloroethane	ND		5.4	2.0	ug/Kg	☼	11/01/24 11:52	11/01/24 19:58	1
1,2-Dichloropropane	ND		5.4	0.92	ug/Kg	☼	11/01/24 11:52	11/01/24 19:58	1
1,3-Dichlorobenzene	ND		5.4	1.8	ug/Kg	☼	11/01/24 11:52	11/01/24 19:58	1
1,4-Dichlorobenzene	ND		5.4	0.96	ug/Kg	☼	11/01/24 11:52	11/01/24 19:58	1
2-Butanone (MEK)	ND		22	3.9	ug/Kg	☼	11/01/24 11:52	11/01/24 19:58	1
2-Hexanone	ND		22	4.4	ug/Kg	☼	11/01/24 11:52	11/01/24 19:58	1
4-Methyl-2-pentanone (MIBK)	ND		22	4.0	ug/Kg	☼	11/01/24 11:52	11/01/24 19:58	1
Acetone	**26**	**J**	27	23	ug/Kg	☼	11/01/24 11:52	11/01/24 19:58	1
Benzene	ND		5.4	1.6	ug/Kg	☼	11/01/24 11:52	11/01/24 19:58	1
Dichlorobromomethane	ND		5.4	1.6	ug/Kg	☼	11/01/24 11:52	11/01/24 19:58	1
Bromoform	ND		5.4	2.6	ug/Kg	☼	11/01/24 11:52	11/01/24 19:58	1
Bromomethane	ND		5.4	4.5	ug/Kg	☼	11/01/24 11:52	11/01/24 19:58	1
Carbon disulfide	**1.8**	**J**	5.4	1.3	ug/Kg	☼	11/01/24 11:52	11/01/24 19:58	1
Carbon tetrachloride	ND		5.4	3.5	ug/Kg	☼	11/01/24 11:52	11/01/24 19:58	1
Chlorobenzene	ND		5.4	0.99	ug/Kg	☼	11/01/24 11:52	11/01/24 19:58	1
Chloroethane	ND		5.4	3.0	ug/Kg	☼	11/01/24 11:52	11/01/24 19:58	1
Chloroform	ND		5.4	1.9	ug/Kg	☼	11/01/24 11:52	11/01/24 19:58	1
Chloromethane	ND		5.4	2.5	ug/Kg	☼	11/01/24 11:52	11/01/24 19:58	1
cis-1,2-Dichloroethene	ND		5.4	1.6	ug/Kg	☼	11/01/24 11:52	11/01/24 19:58	1
cis-1,3-Dichloropropene	ND		5.4	3.1	ug/Kg	☼	11/01/24 11:52	11/01/24 19:58	1
Cyclohexane	ND		11	1.5	ug/Kg	☼	11/01/24 11:52	11/01/24 19:58	1
Chlorodibromomethane	ND		5.4	3.0	ug/Kg	☼	11/01/24 11:52	11/01/24 19:58	1
Dichlorodifluoromethane	ND		5.4	2.5	ug/Kg	☼	11/01/24 11:52	11/01/24 19:58	1
Ethylbenzene	ND		5.4	1.1	ug/Kg	☼	11/01/24 11:52	11/01/24 19:58	1
Isopropylbenzene	ND		5.4	2.1	ug/Kg	☼	11/01/24 11:52	11/01/24 19:58	1
Methyl acetate	ND		27	3.7	ug/Kg	☼	11/01/24 11:52	11/01/24 19:58	1
Methyl tert-butyl ether	ND		5.4	2.1	ug/Kg	☼	11/01/24 11:52	11/01/24 19:58	1
Methylcyclohexane	ND		11	1.3	ug/Kg	☼	11/01/24 11:52	11/01/24 19:58	1
Methylene Chloride	ND	*+	27	13	ug/Kg	☼	11/01/24 11:52	11/01/24 19:58	1
Styrene	ND		5.4	1.3	ug/Kg	☼	11/01/24 11:52	11/01/24 19:58	1
Tetrachloroethene	ND		5.4	2.1	ug/Kg	☼	11/01/24 11:52	11/01/24 19:58	1
Toluene	**1.1**	**J**	5.4	0.84	ug/Kg	☼	11/01/24 11:52	11/01/24 19:58	1
trans-1,2-Dichloroethene	ND		5.4	1.5	ug/Kg	☼	11/01/24 11:52	11/01/24 19:58	1
trans-1,3-Dichloropropene	ND		5.4	2.0	ug/Kg	☼	11/01/24 11:52	11/01/24 19:58	1
Trichloroethene	ND		5.4	1.6	ug/Kg	☼	11/01/24 11:52	11/01/24 19:58	1
Trichlorofluoromethane	ND		5.4	2.9	ug/Kg	☼	11/01/24 11:52	11/01/24 19:58	1
Vinyl chloride	ND		5.4	1.9	ug/Kg	☼	11/01/24 11:52	11/01/24 19:58	1
Xylenes, Total	ND		11	1.7	ug/Kg	☼	11/01/24 11:52	11/01/24 19:58	1

Client: August Mack Environmental, Inc.
Project/Site: MSC Canfield

Job ID: 240-213619-1

Client Sample ID: SB-DUP-6
Date Collected: 10/22/24 00:00
Date Received: 10/23/24 16:10

Lab Sample ID: 240-213619-8
Matrix: Solid
Percent Solids: 88.6

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Toluene-d8 (Surr)	*110*		*56 - 125*	*11/01/24 11:52*	*11/01/24 19:58*	*1*
Dibromofluoromethane (Surr)	*104*		*41 - 138*	*11/01/24 11:52*	*11/01/24 19:58*	*1*
4-Bromofluorobenzene (Surr)	*105*		*41 - 143*	*11/01/24 11:52*	*11/01/24 19:58*	*1*
1,2-Dichloroethane-d4 (Surr)	*103*		*58 - 125*	*11/01/24 11:52*	*11/01/24 19:58*	*1*

Method: SW846 8270E - Semivolatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1'-Biphenyl	ND		120	32	ug/Kg	☼	10/28/24 08:13	10/31/24 16:13	1
bis (2-chloroisopropyl) ether	ND		120	30	ug/Kg	☼	10/28/24 08:13	10/31/24 16:13	1
2,4,5-Trichlorophenol	ND		170	38	ug/Kg	☼	10/28/24 08:13	10/31/24 16:13	1
2,4,6-Trichlorophenol	ND		170	33	ug/Kg	☼	10/28/24 08:13	10/31/24 16:13	1
2,4-Dichlorophenol	ND		170	31	ug/Kg	☼	10/28/24 08:13	10/31/24 16:13	1
2,4-Dimethylphenol	ND		170	41	ug/Kg	☼	10/28/24 08:13	10/31/24 16:13	1
2,4-Dinitrophenol	ND		380	200	ug/Kg	☼	10/28/24 08:13	10/31/24 16:13	1
2,4-Dinitrotoluene	ND		230	26	ug/Kg	☼	10/28/24 08:13	10/31/24 16:13	1
2,6-Dinitrotoluene	ND		230	41	ug/Kg	☼	10/28/24 08:13	10/31/24 16:13	1
2-Chloronaphthalene	ND		120	32	ug/Kg	☼	10/28/24 08:13	10/31/24 16:13	1
2-Chlorophenol	ND		120	30	ug/Kg	☼	10/28/24 08:13	10/31/24 16:13	1
2-Methylnaphthalene	ND		46	15	ug/Kg	☼	10/28/24 08:13	10/31/24 16:13	1
2-Methylphenol	ND		230	47	ug/Kg	☼	10/28/24 08:13	10/31/24 16:13	1
2-Nitroaniline	ND		230	44	ug/Kg	☼	10/28/24 08:13	10/31/24 16:13	1
2-Nitrophenol	ND		120	40	ug/Kg	☼	10/28/24 08:13	10/31/24 16:13	1
3,3'-Dichlorobenzidine	ND		170	110	ug/Kg	☼	10/28/24 08:13	10/31/24 16:13	1
3-Nitroaniline	ND		230	40	ug/Kg	☼	10/28/24 08:13	10/31/24 16:13	1
4,6-Dinitro-2-methylphenol	ND		380	120	ug/Kg	☼	10/28/24 08:13	10/31/24 16:13	1
4-Bromophenyl phenyl ether	ND		120	37	ug/Kg	☼	10/28/24 08:13	10/31/24 16:13	1
4-Chloro-3-methylphenol	ND		170	44	ug/Kg	☼	10/28/24 08:13	10/31/24 16:13	1
4-Chloroaniline	ND		170	18	ug/Kg	☼	10/28/24 08:13	10/31/24 16:13	1
4-Chlorophenyl phenyl ether	ND		120	32	ug/Kg	☼	10/28/24 08:13	10/31/24 16:13	1
4-Nitroaniline	ND		230	30	ug/Kg	☼	10/28/24 08:13	10/31/24 16:13	1
4-Nitrophenol	ND		380	100	ug/Kg	☼	10/28/24 08:13	10/31/24 16:13	1
Acenaphthene	ND		46	16	ug/Kg	☼	10/28/24 08:13	10/31/24 16:13	1
Acenaphthylene	ND		46	17	ug/Kg	☼	10/28/24 08:13	10/31/24 16:13	1
Acetophenone	ND		120	29	ug/Kg	☼	10/28/24 08:13	10/31/24 16:13	1
Anthracene	ND		46	14	ug/Kg	☼	10/28/24 08:13	10/31/24 16:13	1
Atrazine	ND		380	79	ug/Kg	☼	10/28/24 08:13	10/31/24 16:13	1
Benzaldehyde	ND		380	64	ug/Kg	☼	10/28/24 08:13	10/31/24 16:13	1
Benzo[a]anthracene	ND		46	17	ug/Kg	☼	10/28/24 08:13	10/31/24 16:13	1
Benzo[a]pyrene	ND		46	16	ug/Kg	☼	10/28/24 08:13	10/31/24 16:13	1
Benzo[b]fluoranthene	ND		46	14	ug/Kg	☼	10/28/24 08:13	10/31/24 16:13	1
Benzo[g,h,i]perylene	ND		46	31	ug/Kg	☼	10/28/24 08:13	10/31/24 16:13	1
Benzo[k]fluoranthene	ND		46	12	ug/Kg	☼	10/28/24 08:13	10/31/24 16:13	1
Bis(2-chloroethoxy)methane	ND		120	23	ug/Kg	☼	10/28/24 08:13	10/31/24 16:13	1
Bis(2-chloroethyl)ether	ND		120	25	ug/Kg	☼	10/28/24 08:13	10/31/24 16:13	1
Bis(2-ethylhexyl) phthalate	**71**	**J B**	170	64	ug/Kg	☼	10/28/24 08:13	10/31/24 16:13	1
Butyl benzyl phthalate	ND		170	59	ug/Kg	☼	10/28/24 08:13	10/31/24 16:13	1
Caprolactam	ND		380	79	ug/Kg	☼	10/28/24 08:13	10/31/24 16:13	1
Carbazole	ND		120	31	ug/Kg	☼	10/28/24 08:13	10/31/24 16:13	1
Chrysene	ND		46	16	ug/Kg	☼	10/28/24 08:13	10/31/24 16:13	1
Dibenz(a,h)anthracene	ND		46	17	ug/Kg	☼	10/28/24 08:13	10/31/24 16:13	1

Client Sample ID: SB-DUP-6
Date Collected: 10/22/24 00:00
Date Received: 10/23/24 16:10

Lab Sample ID: 240-213619-8
Matrix: Solid
Percent Solids: 88.6

Method: SW846 8270E - Semivolatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Dibenzofuran	ND		120	33	ug/Kg	☼	10/28/24 08:13	10/31/24 16:13	1
Diethyl phthalate	ND		170	49	ug/Kg	☼	10/28/24 08:13	10/31/24 16:13	1
Dimethyl phthalate	ND		170	46	ug/Kg	☼	10/28/24 08:13	10/31/24 16:13	1
Di-n-butyl phthalate	ND		170	59	ug/Kg	☼	10/28/24 08:13	10/31/24 16:13	1
Di-n-octyl phthalate	ND		170	58	ug/Kg	☼	10/28/24 08:13	10/31/24 16:13	1
Fluoranthene	ND		46	16	ug/Kg	☼	10/28/24 08:13	10/31/24 16:13	1
Fluorene	ND		46	16	ug/Kg	☼	10/28/24 08:13	10/31/24 16:13	1
Hexachlorobenzene	ND		46	16	ug/Kg	☼	10/28/24 08:13	10/31/24 16:13	1
Hexachlorobutadiene	ND		120	24	ug/Kg	☼	10/28/24 08:13	10/31/24 16:13	1
Hexachlorocyclopentadiene	ND		380	45	ug/Kg	☼	10/28/24 08:13	10/31/24 16:13	1
Hexachloroethane	ND		120	37	ug/Kg	☼	10/28/24 08:13	10/31/24 16:13	1
Indeno[1,2,3-cd]pyrene	ND		46	14	ug/Kg	☼	10/28/24 08:13	10/31/24 16:13	1
Isophorone	ND		120	30	ug/Kg	☼	10/28/24 08:13	10/31/24 16:13	1
N-Nitrosodi-n-propylamine	ND		120	43	ug/Kg	☼	10/28/24 08:13	10/31/24 16:13	1
N-Nitrosodiphenylamine	ND		120	31	ug/Kg	☼	10/28/24 08:13	10/31/24 16:13	1
Naphthalene	ND		46	15	ug/Kg	☼	10/28/24 08:13	10/31/24 16:13	1
Nitrobenzene	ND		120	25	ug/Kg	☼	10/28/24 08:13	10/31/24 16:13	1
Pentachlorophenol	ND		310	120	ug/Kg	☼	10/28/24 08:13	10/31/24 16:13	1
Phenanthrene	ND		46	15	ug/Kg	☼	10/28/24 08:13	10/31/24 16:13	1
Phenol	ND		120	44	ug/Kg	☼	10/28/24 08:13	10/31/24 16:13	1
Pyrene	ND		46	18	ug/Kg	☼	10/28/24 08:13	10/31/24 16:13	1
3 & 4 Methylphenol	ND		460	47	ug/Kg	☼	10/28/24 08:13	10/31/24 16:13	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Terphenyl-d14 (Surr)	*74*		*37 - 120*	*10/28/24 08:13*	*10/31/24 16:13*	*1*
Phenol-d5 (Surr)	*71*		*29 - 120*	*10/28/24 08:13*	*10/31/24 16:13*	*1*
Nitrobenzene-d5 (Surr)	*63*		*28 - 120*	*10/28/24 08:13*	*10/31/24 16:13*	*1*
2-Fluorophenol (Surr)	*69*		*26 - 120*	*10/28/24 08:13*	*10/31/24 16:13*	*1*
2-Fluorobiphenyl (Surr)	*69*		*36 - 120*	*10/28/24 08:13*	*10/31/24 16:13*	*1*
2,4,6-Tribromophenol (Surr)	*27*		*10 - 120*	*10/28/24 08:13*	*10/31/24 16:13*	*1*

Method: SW846 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aroclor-1016	ND		57	28	ug/Kg	☼	10/29/24 08:34	10/29/24 23:22	1
Aroclor-1221	ND		57	34	ug/Kg	☼	10/29/24 08:34	10/29/24 23:22	1
Aroclor-1232	ND		57	24	ug/Kg	☼	10/29/24 08:34	10/29/24 23:22	1
Aroclor-1242	ND		57	22	ug/Kg	☼	10/29/24 08:34	10/29/24 23:22	1
Aroclor-1248	ND		57	19	ug/Kg	☼	10/29/24 08:34	10/29/24 23:22	1
Aroclor-1254	ND		57	24	ug/Kg	☼	10/29/24 08:34	10/29/24 23:22	1
Aroclor-1260	ND		57	24	ug/Kg	☼	10/29/24 08:34	10/29/24 23:22	1
Aroclor-1262	ND		57	25	ug/Kg	☼	10/29/24 08:34	10/29/24 23:22	1
Aroclor-1268	ND		57	18	ug/Kg	☼	10/29/24 08:34	10/29/24 23:22	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Tetrachloro-m-xylene	*63*		*10 - 149*	*10/29/24 08:34*	*10/29/24 23:22*	*1*
DCB Decachlorobiphenyl	*79*		*10 - 174*	*10/29/24 08:34*	*10/29/24 23:22*	*1*

Method: SW846 6010D - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	**23**		1.2	0.26	mg/Kg	☼	10/25/24 15:00	10/28/24 15:10	1

Client: August Mack Environmental, Inc.
Project/Site: MSC Canfield

Job ID: 240-213619-1

Client Sample ID: SB-DUP-6
Date Collected: 10/22/24 00:00
Date Received: 10/23/24 16:10

Lab Sample ID: 240-213619-8
Matrix: Solid
Percent Solids: 88.6

Method: SW846 6010D - Metals (ICP) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Barium	87		16	0.10	mg/Kg	☼	10/25/24 15:00	10/28/24 15:10	1
Cadmium	0.056	J	0.41	0.040	mg/Kg	☼	10/25/24 15:00	10/28/24 15:10	1
Chromium	12		0.82	0.28	mg/Kg	☼	10/25/24 15:00	10/28/24 15:10	1
Copper	17		2.1	0.58	mg/Kg	☼	10/25/24 15:00	10/28/24 15:10	1
Lead	10		0.82	0.23	mg/Kg	☼	10/25/24 15:00	10/28/24 15:10	1
Selenium	0.65	J	1.6	0.39	mg/Kg	☼	10/25/24 15:00	10/28/24 15:10	1
Silver	ND	L	0.82	0.067	mg/Kg	☼	10/25/24 15:00	10/28/24 15:10	1
Zinc	62		4.1	3.0	mg/Kg	☼	10/25/24 15:00	10/28/24 15:10	1

Method: SW846 7471B - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	ND		0.10	0.018	mg/Kg	☼	10/25/24 15:00	10/28/24 11:38	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cr (VI) (SW846 7196A)	ND		0.46	0.15	mg/Kg	☼	11/05/24 11:16	11/05/24 22:06	1
Cyanide, Total (SW846 9012B)	ND		0.59	0.47	mg/Kg	☼	11/04/24 14:48	11/04/24 16:56	1

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Solids (EPA Moisture)	88.6		0.1	0.1	%			10/25/24 12:20	1
Percent Moisture (EPA Moisture)	11.4		0.1	0.1	%			10/25/24 12:20	1

General Chemistry - ASTM Leach

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cyanide, Free (OI CORP OIA-1677)	ND		0.0060	0.0050	mg/L			11/09/24 17:16	1

Client: August Mack Environmental, Inc.
Project/Site: MSC Canfield

Job ID: 240-213619-1

Client Sample ID: TB-15-20241022
Date Collected: 10/22/24 00:00
Date Received: 10/23/24 16:10

Lab Sample ID: 240-213619-9
Matrix: Water

Method: SW846 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		1.0	0.48	ug/L			11/01/24 17:45	1
1,1,2,2-Tetrachloroethane	ND		1.0	0.60	ug/L			11/01/24 17:45	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		1.0	0.41	ug/L			11/01/24 17:45	1
1,1,2-Trichloroethane	ND		1.0	0.48	ug/L			11/01/24 17:45	1
1,1-Dichloroethane	ND		1.0	0.47	ug/L			11/01/24 17:45	1
1,1-Dichloroethene	ND		1.0	0.49	ug/L			11/01/24 17:45	1
1,2,4-Trichlorobenzene	ND		1.0	0.77	ug/L			11/01/24 17:45	1
1,2-Dibromo-3-Chloropropane	ND		2.0	0.91	ug/L			11/01/24 17:45	1
Ethylene Dibromide	ND		1.0	0.41	ug/L			11/01/24 17:45	1
1,2-Dichlorobenzene	ND		1.0	0.48	ug/L			11/01/24 17:45	1
1,2-Dichloroethane	ND		1.0	0.46	ug/L			11/01/24 17:45	1
1,2-Dichloropropane	ND		1.0	0.47	ug/L			11/01/24 17:45	1
1,3-Dichlorobenzene	ND		1.0	0.45	ug/L			11/01/24 17:45	1
1,4-Dichlorobenzene	ND		1.0	0.41	ug/L			11/01/24 17:45	1
2-Butanone (MEK)	**3.9**	**J**	10	1.2	ug/L			11/01/24 17:45	1
2-Hexanone	ND		10	1.1	ug/L			11/01/24 17:45	1
4-Methyl-2-pentanone (MIBK)	ND		10	0.99	ug/L			11/01/24 17:45	1
Acetone	**16**		10	5.4	ug/L			11/01/24 17:45	1
Benzene	ND		1.0	0.42	ug/L			11/01/24 17:45	1
Dichlorobromomethane	ND		1.0	0.38	ug/L			11/01/24 17:45	1
Bromoform	ND		1.0	0.76	ug/L			11/01/24 17:45	1
Bromomethane	ND		1.0	0.42	ug/L			11/01/24 17:45	1
Carbon disulfide	ND		1.0	0.59	ug/L			11/01/24 17:45	1
Carbon tetrachloride	ND		1.0	0.26	ug/L			11/01/24 17:45	1
Chlorobenzene	ND		1.0	0.38	ug/L			11/01/24 17:45	1
Chloroethane	ND		1.0	0.83	ug/L			11/01/24 17:45	1
Chloroform	ND		1.0	0.47	ug/L			11/01/24 17:45	1
Chloromethane	ND		1.0	0.63	ug/L			11/01/24 17:45	1
cis-1,2-Dichloroethene	ND		1.0	0.46	ug/L			11/01/24 17:45	1
cis-1,3-Dichloropropene	ND		1.0	0.61	ug/L			11/01/24 17:45	1
Cyclohexane	ND		1.0	0.48	ug/L			11/01/24 17:45	1
Chlorodibromomethane	ND		1.0	0.39	ug/L			11/01/24 17:45	1
Dichlorodifluoromethane	ND		1.0	0.35	ug/L			11/01/24 17:45	1
Ethylbenzene	ND		1.0	0.42	ug/L			11/01/24 17:45	1
Isopropylbenzene	ND		1.0	0.49	ug/L			11/01/24 17:45	1
Methyl acetate	ND		10	1.7	ug/L			11/01/24 17:45	1
Methyl tert-butyl ether	ND		1.0	0.47	ug/L			11/01/24 17:45	1
Methylcyclohexane	ND		1.0	0.33	ug/L			11/01/24 17:45	1
Methylene Chloride	ND		5.0	2.6	ug/L			11/01/24 17:45	1
Styrene	ND		1.0	0.45	ug/L			11/01/24 17:45	1
Tetrachloroethene	ND		1.0	0.44	ug/L			11/01/24 17:45	1
Toluene	ND		1.0	0.44	ug/L			11/01/24 17:45	1
trans-1,2-Dichloroethene	ND		1.0	0.51	ug/L			11/01/24 17:45	1
trans-1,3-Dichloropropene	ND		1.0	0.67	ug/L			11/01/24 17:45	1
Trichloroethene	ND		1.0	0.44	ug/L			11/01/24 17:45	1
Trichlorofluoromethane	ND		1.0	0.45	ug/L			11/01/24 17:45	1
Vinyl chloride	ND		1.0	0.45	ug/L			11/01/24 17:45	1
Xylenes, Total	ND		2.0	0.42	ug/L			11/01/24 17:45	1

Client: August Mack Environmental, Inc.
Project/Site: MSC Canfield

Job ID: 240-213619-1

Client Sample ID: TB-15-20241022
Date Collected: 10/22/24 00:00
Date Received: 10/23/24 16:10

Lab Sample ID: 240-213619-9
Matrix: Water

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
Toluene-d8 (Surr)	94		78 - 122		11/01/24 17:45	1
Dibromofluoromethane (Surr)	114		73 - 120		11/01/24 17:45	1
4-Bromofluorobenzene (Surr)	76		56 - 136		11/01/24 17:45	1
1,2-Dichloroethane-d4 (Surr)	115		62 - 137		11/01/24 17:45	1

Surrogate Summary

Client: August Mack Environmental, Inc.
Project/Site: MSC Canfield

Job ID: 240-213619-1

Method: 8260D - Volatile Organic Compounds by GC/MS

Matrix: Solid

Prep Type: Total/NA

		Percent Surrogate Recovery (Acceptance Limits)			
		TOL	DBFM	BFB	DCA
Lab Sample ID	Client Sample ID	(56-125)	(41-138)	(41-143)	(58-125)
240-213619-1	SB-7-10-12	103	101	92	102
240-213619-1 MS	SB-7-10-12	104	102	98	101
240-213619-1 MSD	SB-7-10-12	106	103	100	99
240-213619-2	SB-7-16-18	104	99	94	100
240-213619-3	SB-7-18-20	114	102	107	100
240-213619-4	SB-DUP-5	107	101	100	100
240-213619-5	SB-3-6-8	102	100	92	100
240-213619-6	SB-3-10-12	105	104	99	108
240-213619-7	SB-3-16-18	112	101	118 *3	100
240-213619-8	SB-DUP-6	110	104	105	103
LCS 240-633439/6	Lab Control Sample	103	100	97	96
MB 240-633439/8	Method Blank	99	98	89	98

Surrogate Legend

TOL = Toluene-d8 (Surr)
DBFM = Dibromofluoromethane (Surr)
BFB = 4-Bromofluorobenzene (Surr)
DCA = 1,2-Dichloroethane-d4 (Surr)

Method: 8260D - Volatile Organic Compounds by GC/MS

Matrix: Water

Prep Type: Total/NA

		Percent Surrogate Recovery (Acceptance Limits)			
		TOL	DBFM	BFB	DCA
Lab Sample ID	Client Sample ID	(78-122)	(73-120)	(56-136)	(62-137)
240-213619-9	TB-15-20241022	94	114	76	115
LCS 240-633483/4	Lab Control Sample	97	106	96	102
MB 240-633483/7	Method Blank	86	100	71	99

Surrogate Legend

TOL = Toluene-d8 (Surr)
DBFM = Dibromofluoromethane (Surr)
BFB = 4-Bromofluorobenzene (Surr)
DCA = 1,2-Dichloroethane-d4 (Surr)

Method: 8270E - Semivolatile Organic Compounds (GC/MS)

Matrix: Solid

Prep Type: Total/NA

		Percent Surrogate Recovery (Acceptance Limits)					
		TPHL	PHL	NBZ	2FP	FBP	TBP
Lab Sample ID	Client Sample ID	(37-120)	(29-120)	(28-120)	(26-120)	(36-120)	(10-120)
240-213619-1	SB-7-10-12	79	77	67	76	75	38
240-213619-1 MS	SB-7-10-12	73	69	57	67	65	78
240-213619-1 MSD	SB-7-10-12	78	73	60	70	68	87
240-213619-2	SB-7-16-18	78	80	70	78	77	58
240-213619-3	SB-7-18-20	66	59	50	58	59	29
240-213619-4	SB-DUP-5	66	62	54	60	61	46
240-213619-5	SB-3-6-8	69	60	51	58	58	44
240-213619-6	SB-3-10-12	64	65	55	63	62	17
240-213619-7	SB-3-16-18	70	67	56	67	68	36
240-213619-8	SB-DUP-6	74	71	63	69	69	27

Surrogate Summary

Client: August Mack Environmental, Inc. Job ID: 240-213619-1
Project/Site: MSC Canfield

Method: 8270E - Semivolatile Organic Compounds (GC/MS) (Continued)

Matrix: Solid **Prep Type: Total/NA**

		Percent Surrogate Recovery (Acceptance Limits)					
		TPHL	PHL	NBZ	2FP	FBP	TBP
Lab Sample ID	Client Sample ID	(37-120)	(29-120)	(28-120)	(26-120)	(36-120)	(10-120)
LCS 240-632663/2-A	Lab Control Sample	56	59	55	57	57	65
MB 240-632663/1-A	Method Blank	73	74	64	73	70	59

Surrogate Legend

TPHL = Terphenyl-d14 (Surr)
PHL = Phenol-d5 (Surr)
NBZ = Nitrobenzene-d5 (Surr)
2FP = 2-Fluorophenol (Surr)
FBP = 2-Fluorobiphenyl (Surr)
TBP = 2,4,6-Tribromophenol (Surr)

Method: 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Matrix: Solid **Prep Type: Total/NA**

		Percent Surrogate Recovery (Acceptance Limits)	
		TCX2	DCBP2
Lab Sample ID	Client Sample ID	(10-149)	(10-174)
240-213619-1	SB-7-10-12	70	82
240-213619-1 MS	SB-7-10-12	64	79
240-213619-1 MSD	SB-7-10-12	73	91
240-213619-2	SB-7-16-18	78	104
240-213619-3	SB-7-18-20	68	87
240-213619-4	SB-DUP-5	73	95
240-213619-5	SB-3-6-8	74	91
240-213619-6	SB-3-10-12	75	99
240-213619-7	SB-3-16-18	54	72
240-213619-8	SB-DUP-6	63	79
LCS 240-632889/2-A	Lab Control Sample	55	69
MB 240-632889/1-A	Method Blank	68	73

Surrogate Legend

TCX = Tetrachloro-m-xylene
DCBP = DCB Decachlorobiphenyl

Method: 8260D - Volatile Organic Compounds by GC/MS

Lab Sample ID: MB 240-633439/8
Matrix: Solid
Analysis Batch: 633439

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		5.0	1.8	ug/Kg			11/01/24 11:12	1
1,1,2,2-Tetrachloroethane	ND		5.0	1.4	ug/Kg			11/01/24 11:12	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		5.0	1.3	ug/Kg			11/01/24 11:12	1
1,1,2-Trichloroethane	ND		5.0	1.1	ug/Kg			11/01/24 11:12	1
1,1-Dichloroethane	ND		5.0	1.4	ug/Kg			11/01/24 11:12	1
1,1-Dichloroethene	ND		5.0	1.8	ug/Kg			11/01/24 11:12	1
1,2,4-Trichlorobenzene	ND		5.0	2.5	ug/Kg			11/01/24 11:12	1
1,2-Dibromo-3-Chloropropane	ND		10	3.6	ug/Kg			11/01/24 11:12	1
Ethylene Dibromide	ND		5.0	1.7	ug/Kg			11/01/24 11:12	1
1,2-Dichlorobenzene	ND		5.0	1.1	ug/Kg			11/01/24 11:12	1
1,2-Dichloroethane	ND		5.0	1.8	ug/Kg			11/01/24 11:12	1
1,2-Dichloropropane	ND		5.0	0.85	ug/Kg			11/01/24 11:12	1
1,3-Dichlorobenzene	ND		5.0	1.6	ug/Kg			11/01/24 11:12	1
1,4-Dichlorobenzene	ND		5.0	0.88	ug/Kg			11/01/24 11:12	1
2-Butanone (MEK)	4.16	J	20	3.6	ug/Kg			11/01/24 11:12	1
2-Hexanone	ND		20	4.1	ug/Kg			11/01/24 11:12	1
4-Methyl-2-pentanone (MIBK)	ND		20	3.7	ug/Kg			11/01/24 11:12	1
Acetone	ND		25	21	ug/Kg			11/01/24 11:12	1
Benzene	ND		5.0	1.5	ug/Kg			11/01/24 11:12	1
Dichlorobromomethane	ND		5.0	1.5	ug/Kg			11/01/24 11:12	1
Bromoform	ND		5.0	2.4	ug/Kg			11/01/24 11:12	1
Bromomethane	ND		5.0	4.2	ug/Kg			11/01/24 11:12	1
Carbon disulfide	ND		5.0	1.2	ug/Kg			11/01/24 11:12	1
Carbon tetrachloride	ND		5.0	3.3	ug/Kg			11/01/24 11:12	1
Chlorobenzene	ND		5.0	0.92	ug/Kg			11/01/24 11:12	1
Chloroethane	ND		5.0	2.7	ug/Kg			11/01/24 11:12	1
Chloroform	ND		5.0	1.8	ug/Kg			11/01/24 11:12	1
Chloromethane	ND		5.0	2.3	ug/Kg			11/01/24 11:12	1
cis-1,2-Dichloroethene	ND		5.0	1.5	ug/Kg			11/01/24 11:12	1
cis-1,3-Dichloropropene	ND		5.0	2.9	ug/Kg			11/01/24 11:12	1
Cyclohexane	ND		10	1.4	ug/Kg			11/01/24 11:12	1
Chlorodibromomethane	ND		5.0	2.8	ug/Kg			11/01/24 11:12	1
Dichlorodifluoromethane	ND		5.0	2.3	ug/Kg			11/01/24 11:12	1
Ethylbenzene	ND		5.0	1.0	ug/Kg			11/01/24 11:12	1
Isopropylbenzene	ND		5.0	1.9	ug/Kg			11/01/24 11:12	1
Methyl acetate	ND		25	3.4	ug/Kg			11/01/24 11:12	1
Methyl tert-butyl ether	ND		5.0	2.0	ug/Kg			11/01/24 11:12	1
Methylcyclohexane	ND		10	1.2	ug/Kg			11/01/24 11:12	1
Methylene Chloride	ND		25	12	ug/Kg			11/01/24 11:12	1
Styrene	ND		5.0	1.2	ug/Kg			11/01/24 11:12	1
Tetrachloroethene	ND		5.0	1.9	ug/Kg			11/01/24 11:12	1
Toluene	ND		5.0	0.77	ug/Kg			11/01/24 11:12	1
trans-1,2-Dichloroethene	ND		5.0	1.4	ug/Kg			11/01/24 11:12	1
trans-1,3-Dichloropropene	ND		5.0	1.8	ug/Kg			11/01/24 11:12	1
Trichloroethene	ND		5.0	1.4	ug/Kg			11/01/24 11:12	1
Trichlorofluoromethane	ND		5.0	2.7	ug/Kg			11/01/24 11:12	1
Vinyl chloride	ND		5.0	1.8	ug/Kg			11/01/24 11:12	1
Xylenes, Total	ND		10	1.6	ug/Kg			11/01/24 11:12	1

Method: 8260D - Volatile Organic Compounds by GC/MS (Continued)

Lab Sample ID: MB 240-633439/8
Matrix: Solid
Analysis Batch: 633439

Client Sample ID: Method Blank
Prep Type: Total/NA

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
Toluene-d8 (Surr)	*99*		*56 - 125*		*11/01/24 11:12*	*1*
Dibromofluoromethane (Surr)	*98*		*41 - 138*		*11/01/24 11:12*	*1*
4-Bromofluorobenzene (Surr)	*89*		*41 - 143*		*11/01/24 11:12*	*1*
1,2-Dichloroethane-d4 (Surr)	*98*		*58 - 125*		*11/01/24 11:12*	*1*

Lab Sample ID: LCS 240-633439/6
Matrix: Solid
Analysis Batch: 633439

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
1,1,1-Trichloroethane	50.0	57.2		ug/Kg		114	74 - 136
1,1,2,2-Tetrachloroethane	50.0	48.9		ug/Kg		98	66 - 129
1,1,2-Trichloro-1,2,2-trifluoroethane	50.0	62.2		ug/Kg		124	64 - 148
1,1,2-Trichloroethane	50.0	49.0		ug/Kg		98	79 - 120
1,1-Dichloroethane	50.0	49.6		ug/Kg		99	74 - 121
1,1-Dichloroethene	50.0	58.3		ug/Kg		117	68 - 141
1,2,4-Trichlorobenzene	50.0	59.6		ug/Kg		119	58 - 132
1,2-Dibromo-3-Chloropropane	50.0	52.8		ug/Kg		106	52 - 133
Ethylene Dibromide	50.0	49.2		ug/Kg		98	80 - 121
1,2-Dichlorobenzene	50.0	54.2		ug/Kg		108	73 - 120
1,2-Dichloroethane	50.0	46.6		ug/Kg		93	71 - 123
1,2-Dichloropropane	50.0	47.9		ug/Kg		96	76 - 126
1,3-Dichlorobenzene	50.0	50.3		ug/Kg		101	73 - 120
1,4-Dichlorobenzene	50.0	49.7		ug/Kg		99	74 - 120
2-Butanone (MEK)	100	89.8		ug/Kg		90	63 - 142
2-Hexanone	100	80.8		ug/Kg		81	65 - 142
4-Methyl-2-pentanone (MIBK)	100	97.5		ug/Kg		97	62 - 142
Acetone	100	132		ug/Kg		132	58 - 160
Benzene	50.0	48.1		ug/Kg		96	76 - 121
Dichlorobromomethane	50.0	48.5		ug/Kg		97	71 - 138
Bromoform	50.0	46.4		ug/Kg		93	57 - 140
Bromomethane	50.0	63.8		ug/Kg		128	10 - 171
Carbon disulfide	50.0	60.2		ug/Kg		120	43 - 152
Carbon tetrachloride	50.0	53.7		ug/Kg		107	64 - 144
Chlorobenzene	50.0	50.3		ug/Kg		101	80 - 120
Chloroethane	50.0	59.1		ug/Kg		118	11 - 164
Chloroform	50.0	48.8		ug/Kg		98	78 - 120
Chloromethane	50.0	52.1		ug/Kg		104	41 - 142
cis-1,2-Dichloroethene	50.0	50.0		ug/Kg		100	78 - 124
cis-1,3-Dichloropropene	50.0	43.0		ug/Kg		86	70 - 133
Cyclohexane	50.0	55.0		ug/Kg		110	65 - 137
Chlorodibromomethane	50.0	48.9		ug/Kg		98	68 - 131
Dichlorodifluoromethane	50.0	42.7		ug/Kg		85	21 - 150
Ethylbenzene	50.0	49.7		ug/Kg		99	80 - 120
Isopropylbenzene	50.0	61.1		ug/Kg		122	80 - 130
Methyl acetate	100	87.7		ug/Kg		88	60 - 133
Methyl tert-butyl ether	50.0	48.8		ug/Kg		98	70 - 130
Methylcyclohexane	50.0	51.3		ug/Kg		103	70 - 138

Method: 8260D - Volatile Organic Compounds by GC/MS (Continued)

Lab Sample ID: LCS 240-633439/6
Matrix: Solid
Analysis Batch: 633439

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Methylene Chloride	50.0	65.9	*+	ug/Kg		132	71 - 124
Styrene	50.0	49.2		ug/Kg		98	75 - 140
Tetrachloroethene	50.0	49.9		ug/Kg		100	76 - 127
Toluene	50.0	49.8		ug/Kg		100	80 - 120
trans-1,2-Dichloroethene	50.0	51.9		ug/Kg		104	76 - 130
trans-1,3-Dichloropropene	50.0	49.2		ug/Kg		98	61 - 121
Trichloroethene	50.0	50.5		ug/Kg		101	74 - 130
Trichlorofluoromethane	50.0	58.3		ug/Kg		117	50 - 154
Vinyl chloride	50.0	63.0		ug/Kg		126	49 - 146
Xylenes, Total	100	102		ug/Kg		102	80 - 122
m-Xylene & p-Xylene	50.0	49.0		ug/Kg		98	80 - 122
o-Xylene	50.0	53.3		ug/Kg		107	80 - 124

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
Toluene-d8 (Surr)	*103*		*56 - 125*
Dibromofluoromethane (Surr)	*100*		*41 - 138*
4-Bromofluorobenzene (Surr)	*97*		*41 - 143*
1,2-Dichloroethane-d4 (Surr)	*96*		*58 - 125*

Lab Sample ID: MB 240-633483/7
Matrix: Water
Analysis Batch: 633483

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		1.0	0.48	ug/L			11/01/24 11:27	1
1,1,2,2-Tetrachloroethane	ND		1.0	0.60	ug/L			11/01/24 11:27	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		1.0	0.41	ug/L			11/01/24 11:27	1
1,1,2-Trichloroethane	ND		1.0	0.48	ug/L			11/01/24 11:27	1
1,1-Dichloroethane	ND		1.0	0.47	ug/L			11/01/24 11:27	1
1,1-Dichloroethene	ND		1.0	0.49	ug/L			11/01/24 11:27	1
1,2,4-Trichlorobenzene	ND		1.0	0.77	ug/L			11/01/24 11:27	1
1,2-Dibromo-3-Chloropropane	ND		2.0	0.91	ug/L			11/01/24 11:27	1
Ethylene Dibromide	ND		1.0	0.41	ug/L			11/01/24 11:27	1
1,2-Dichlorobenzene	ND		1.0	0.48	ug/L			11/01/24 11:27	1
1,2-Dichloroethane	ND		1.0	0.46	ug/L			11/01/24 11:27	1
1,2-Dichloropropane	ND		1.0	0.47	ug/L			11/01/24 11:27	1
1,3-Dichlorobenzene	ND		1.0	0.45	ug/L			11/01/24 11:27	1
1,4-Dichlorobenzene	ND		1.0	0.41	ug/L			11/01/24 11:27	1
2-Butanone (MEK)	ND		10	1.2	ug/L			11/01/24 11:27	1
2-Hexanone	ND		10	1.1	ug/L			11/01/24 11:27	1
4-Methyl-2-pentanone (MIBK)	ND		10	0.99	ug/L			11/01/24 11:27	1
Acetone	ND		10	5.4	ug/L			11/01/24 11:27	1
Benzene	ND		1.0	0.42	ug/L			11/01/24 11:27	1
Dichlorobromomethane	ND		1.0	0.38	ug/L			11/01/24 11:27	1
Bromoform	ND		1.0	0.76	ug/L			11/01/24 11:27	1
Bromomethane	ND		1.0	0.42	ug/L			11/01/24 11:27	1
Carbon disulfide	ND		1.0	0.59	ug/L			11/01/24 11:27	1
Carbon tetrachloride	ND		1.0	0.26	ug/L			11/01/24 11:27	1

Method: 8260D - Volatile Organic Compounds by GC/MS (Continued)

Lab Sample ID: MB 240-633483/7
Matrix: Water
Analysis Batch: 633483

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chlorobenzene	ND		1.0	0.38	ug/L			11/01/24 11:27	1
Chloroethane	ND		1.0	0.83	ug/L			11/01/24 11:27	1
Chloroform	ND		1.0	0.47	ug/L			11/01/24 11:27	1
Chloromethane	ND		1.0	0.63	ug/L			11/01/24 11:27	1
cis-1,2-Dichloroethene	ND		1.0	0.46	ug/L			11/01/24 11:27	1
cis-1,3-Dichloropropene	ND		1.0	0.61	ug/L			11/01/24 11:27	1
Cyclohexane	ND		1.0	0.48	ug/L			11/01/24 11:27	1
Chlorodibromomethane	ND		1.0	0.39	ug/L			11/01/24 11:27	1
Dichlorodifluoromethane	ND		1.0	0.35	ug/L			11/01/24 11:27	1
Ethylbenzene	ND		1.0	0.42	ug/L			11/01/24 11:27	1
Isopropylbenzene	ND		1.0	0.49	ug/L			11/01/24 11:27	1
Methyl acetate	ND		10	1.7	ug/L			11/01/24 11:27	1
Methyl tert-butyl ether	ND		1.0	0.47	ug/L			11/01/24 11:27	1
Methylcyclohexane	ND		1.0	0.33	ug/L			11/01/24 11:27	1
Methylene Chloride	ND		5.0	2.6	ug/L			11/01/24 11:27	1
Styrene	ND		1.0	0.45	ug/L			11/01/24 11:27	1
Tetrachloroethene	ND		1.0	0.44	ug/L			11/01/24 11:27	1
Toluene	ND		1.0	0.44	ug/L			11/01/24 11:27	1
trans-1,2-Dichloroethene	ND		1.0	0.51	ug/L			11/01/24 11:27	1
trans-1,3-Dichloropropene	ND		1.0	0.67	ug/L			11/01/24 11:27	1
Trichloroethene	ND		1.0	0.44	ug/L			11/01/24 11:27	1
Trichlorofluoromethane	ND		1.0	0.45	ug/L			11/01/24 11:27	1
Vinyl chloride	ND		1.0	0.45	ug/L			11/01/24 11:27	1
Xylenes, Total	ND		2.0	0.42	ug/L			11/01/24 11:27	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Toluene-d8 (Surr)	*86*		*78 - 122*		*11/01/24 11:27*	*1*
Dibromofluoromethane (Surr)	*100*		*73 - 120*		*11/01/24 11:27*	*1*
4-Bromofluorobenzene (Surr)	*71*		*56 - 136*		*11/01/24 11:27*	*1*
1,2-Dichloroethane-d4 (Surr)	*99*		*62 - 137*		*11/01/24 11:27*	*1*

Lab Sample ID: LCS 240-633483/4
Matrix: Water
Analysis Batch: 633483

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
1,1,1-Trichloroethane	25.0	24.5		ug/L		98	64 - 131
1,1,2,2-Tetrachloroethane	25.0	21.9		ug/L		88	58 - 157
1,1,2-Trichloro-1,2,2-trifluoroethane	25.0	29.5		ug/L		118	51 - 146
1,1,2-Trichloroethane	25.0	23.3		ug/L		93	70 - 138
1,1-Dichloroethane	25.0	25.9		ug/L		104	72 - 127
1,1-Dichloroethene	25.0	28.1		ug/L		112	63 - 134
1,2,4-Trichlorobenzene	25.0	21.8		ug/L		87	44 - 147
1,2-Dibromo-3-Chloropropane	25.0	19.5		ug/L		78	53 - 135
Ethylene Dibromide	25.0	23.8		ug/L		95	71 - 134
1,2-Dichlorobenzene	25.0	24.3		ug/L		97	78 - 120
1,2-Dichloroethane	25.0	23.9		ug/L		96	66 - 128
1,2-Dichloropropane	25.0	22.3		ug/L		89	75 - 133

Method: 8260D - Volatile Organic Compounds by GC/MS (Continued)

Lab Sample ID: LCS 240-633483/4
Matrix: Water
Analysis Batch: 633483

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
1,3-Dichlorobenzene	25.0	23.5		ug/L		94	80 - 120
1,4-Dichlorobenzene	25.0	24.0		ug/L		96	80 - 120
2-Butanone (MEK)	50.0	37.0		ug/L		74	54 - 156
2-Hexanone	50.0	37.9		ug/L		76	43 - 167
4-Methyl-2-pentanone (MIBK)	50.0	38.7		ug/L		77	46 - 158
Acetone	50.0	48.9		ug/L		98	50 - 149
Benzene	25.0	26.0		ug/L		104	77 - 123
Dichlorobromomethane	25.0	23.2		ug/L		93	69 - 126
Bromoform	25.0	22.1		ug/L		88	57 - 129
Bromomethane	12.5	12.5		ug/L		100	36 - 142
Carbon disulfide	25.0	28.9		ug/L		116	43 - 140
Carbon tetrachloride	25.0	24.3		ug/L		97	55 - 137
Chlorobenzene	25.0	25.0		ug/L		100	80 - 121
Chloroethane	12.5	11.9		ug/L		95	38 - 152
Chloroform	25.0	25.1		ug/L		100	74 - 122
Chloromethane	12.5	10.1		ug/L		81	47 - 143
cis-1,2-Dichloroethene	25.0	25.6		ug/L		102	77 - 123
cis-1,3-Dichloropropene	25.0	21.2		ug/L		85	64 - 130
Cyclohexane	25.0	20.7		ug/L		83	58 - 146
Chlorodibromomethane	25.0	22.2		ug/L		89	70 - 124
Dichlorodifluoromethane	12.5	7.00		ug/L		56	34 - 153
Ethylbenzene	25.0	24.3		ug/L		97	80 - 121
Isopropylbenzene	25.0	25.1		ug/L		100	74 - 128
Methyl acetate	50.0	37.6		ug/L		75	42 - 169
Methyl tert-butyl ether	25.0	25.0		ug/L		100	65 - 126
Methylcyclohexane	25.0	17.4		ug/L		69	62 - 136
Methylene Chloride	25.0	27.7		ug/L		111	71 - 125
Styrene	25.0	24.6		ug/L		98	80 - 135
Tetrachloroethene	25.0	25.8		ug/L		103	76 - 123
Toluene	25.0	22.4		ug/L		90	80 - 123
trans-1,2-Dichloroethene	25.0	26.5		ug/L		106	75 - 124
trans-1,3-Dichloropropene	25.0	21.5		ug/L		86	57 - 129
Trichloroethene	25.0	25.2		ug/L		101	70 - 122
Trichlorofluoromethane	12.5	11.9		ug/L		95	30 - 170
Vinyl chloride	12.5	11.0		ug/L		88	60 - 144
Xylenes, Total	50.0	48.6		ug/L		97	80 - 121
m-Xylene & p-Xylene	25.0	24.7		ug/L		99	80 - 120
o-Xylene	25.0	23.9		ug/L		95	80 - 123

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
Toluene-d8 (Surr)	*97*		*78 - 122*
Dibromofluoromethane (Surr)	*106*		*73 - 120*
4-Bromofluorobenzene (Surr)	*96*		*56 - 136*
1,2-Dichloroethane-d4 (Surr)	*102*		*62 - 137*

Method: 8260D - Volatile Organic Compounds by GC/MS (Continued)

Lab Sample ID: 240-213619-1 MS
Matrix: Solid
Analysis Batch: 633439

Client Sample ID: SB-7-10-12
Prep Type: Total/NA
Prep Batch: 633561

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
1,1,1-Trichloroethane	ND		54.5	53.8		ug/Kg	☼	99	46 - 144
1,1,2,2-Tetrachloroethane	ND		54.5	46.9		ug/Kg	☼	86	26 - 159
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		54.5	60.5		ug/Kg	☼	111	35 - 164
1,1,2-Trichloroethane	ND		54.5	46.2		ug/Kg	☼	85	26 - 149
1,1-Dichloroethane	ND		54.5	46.4		ug/Kg	☼	85	46 - 135
1,1-Dichloroethene	ND		54.5	55.7		ug/Kg	☼	102	44 - 160
1,2,4-Trichlorobenzene	ND		54.5	33.8		ug/Kg	☼	62	10 - 120
1,2-Dibromo-3-Chloropropane	ND		54.5	39.8		ug/Kg	☼	73	12 - 144
Ethylene Dibromide	ND		54.5	44.1		ug/Kg	☼	81	31 - 142
1,2-Dichlorobenzene	ND		54.5	39.6		ug/Kg	☼	73	10 - 126
1,2-Dichloroethane	ND		54.5	43.6		ug/Kg	☼	80	40 - 132
1,2-Dichloropropane	ND		54.5	42.8		ug/Kg	☼	78	45 - 133
1,3-Dichlorobenzene	ND		54.5	36.1		ug/Kg	☼	66	10 - 131
1,4-Dichlorobenzene	ND		54.5	35.9		ug/Kg	☼	66	10 - 129
2-Butanone (MEK)	ND		109	87.6		ug/Kg	☼	80	30 - 157
2-Hexanone	ND		109	73.7		ug/Kg	☼	68	20 - 166
4-Methyl-2-pentanone (MIBK)	ND		109	90.0		ug/Kg	☼	82	31 - 159
Acetone	ND		109	126		ug/Kg	☼	116	35 - 167
Benzene	ND		54.5	44.6		ug/Kg	☼	82	39 - 134
Dichlorobromomethane	ND		54.5	41.4		ug/Kg	☼	76	32 - 146
Bromoform	ND		54.5	35.0		ug/Kg	☼	64	12 - 144
Bromomethane	ND		54.5	61.9		ug/Kg	☼	114	10 - 161
Carbon disulfide	ND		54.5	56.6		ug/Kg	☼	104	24 - 153
Carbon tetrachloride	ND		54.5	47.3		ug/Kg	☼	87	37 - 145
Chlorobenzene	ND		54.5	41.4		ug/Kg	☼	76	18 - 134
Chloroethane	ND		54.5	56.6		ug/Kg	☼	104	14 - 159
Chloroform	ND		54.5	45.6		ug/Kg	☼	84	43 - 134
Chloromethane	ND		54.5	51.2		ug/Kg	☼	94	32 - 151
cis-1,2-Dichloroethene	ND		54.5	46.3		ug/Kg	☼	85	48 - 132
cis-1,3-Dichloropropene	ND		54.5	36.1		ug/Kg	☼	66	23 - 139
Cyclohexane	ND		54.5	49.6		ug/Kg	☼	91	31 - 147
Chlorodibromomethane	ND		54.5	40.0		ug/Kg	☼	73	25 - 143
Dichlorodifluoromethane	ND		54.5	42.4		ug/Kg	☼	78	16 - 157
Ethylbenzene	ND		54.5	41.1		ug/Kg	☼	75	17 - 137
Isopropylbenzene	ND		54.5	49.4		ug/Kg	☼	91	10 - 146
Methyl acetate	ND		109	86.5		ug/Kg	☼	79	13 - 164
Methyl tert-butyl ether	ND		54.5	45.7		ug/Kg	☼	84	55 - 134
Methylcyclohexane	ND		54.5	43.5		ug/Kg	☼	80	20 - 153
Methylene Chloride	ND	*+	54.5	58.9		ug/Kg	☼	108	38 - 145
Styrene	ND		54.5	39.6		ug/Kg	☼	73	10 - 149
Tetrachloroethene	ND		54.5	41.5		ug/Kg	☼	76	19 - 147
Toluene	ND		54.5	44.3		ug/Kg	☼	81	30 - 137
trans-1,2-Dichloroethene	ND		54.5	49.1		ug/Kg	☼	90	41 - 145
trans-1,3-Dichloropropene	ND		54.5	39.8		ug/Kg	☼	73	19 - 130
Trichloroethene	ND		54.5	43.3		ug/Kg	☼	79	21 - 158
Trichlorofluoromethane	ND		54.5	56.6		ug/Kg	☼	104	36 - 161
Vinyl chloride	ND		54.5	63.7		ug/Kg	☼	117	32 - 163
Xylenes, Total	ND		109	86.0		ug/Kg	☼	79	17 - 138

Method: 8260D - Volatile Organic Compounds by GC/MS (Continued)

Lab Sample ID: 240-213619-1 MS
Matrix: Solid
Analysis Batch: 633439

Client Sample ID: SB-7-10-12
Prep Type: Total/NA
Prep Batch: 633561

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
m-Xylene & p-Xylene	ND		54.5	40.9		ug/Kg	☼	75	10 - 141
o-Xylene	ND		54.5	45.1		ug/Kg	☼	83	18 - 139

Surrogate	*MS %Recovery*	*MS Qualifier*	*Limits*
Toluene-d8 (Surr)	*104*		*56 - 125*
Dibromofluoromethane (Surr)	*102*		*41 - 138*
4-Bromofluorobenzene (Surr)	*98*		*41 - 143*
1,2-Dichloroethane-d4 (Surr)	*101*		*58 - 125*

Lab Sample ID: 240-213619-1 MSD
Matrix: Solid
Analysis Batch: 633439

Client Sample ID: SB-7-10-12
Prep Type: Total/NA
Prep Batch: 633561

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
1,1,1-Trichloroethane	ND		55.8	59.1		ug/Kg	☼	106	46 - 144	9	37
1,1,2,2-Tetrachloroethane	ND		55.8	49.9		ug/Kg	☼	90	26 - 159	6	40
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		55.8	65.5		ug/Kg	☼	117	35 - 164	8	37
1,1,2-Trichloroethane	ND		55.8	49.1		ug/Kg	☼	88	26 - 149	6	40
1,1-Dichloroethane	ND		55.8	51.1		ug/Kg	☼	92	46 - 135	10	36
1,1-Dichloroethene	ND		55.8	61.4		ug/Kg	☼	110	44 - 160	10	37
1,2,4-Trichlorobenzene	ND		55.8	36.8		ug/Kg	☼	66	10 - 120	9	40
1,2-Dibromo-3-Chloropropane	ND		55.8	45.9		ug/Kg	☼	82	12 - 144	14	40
Ethylene Dibromide	ND		55.8	48.4		ug/Kg	☼	87	31 - 142	9	40
1,2-Dichlorobenzene	ND		55.8	43.9		ug/Kg	☼	79	10 - 126	10	40
1,2-Dichloroethane	ND		55.8	47.1		ug/Kg	☼	84	40 - 132	8	35
1,2-Dichloropropane	ND		55.8	47.0		ug/Kg	☼	84	45 - 133	9	37
1,3-Dichlorobenzene	ND		55.8	41.4		ug/Kg	☼	74	10 - 131	14	40
1,4-Dichlorobenzene	ND		55.8	40.4		ug/Kg	☼	72	10 - 129	12	40
2-Butanone (MEK)	ND		112	94.5		ug/Kg	☼	85	30 - 157	8	40
2-Hexanone	ND		112	79.0		ug/Kg	☼	71	20 - 166	7	40
4-Methyl-2-pentanone (MIBK)	ND		112	100		ug/Kg	☼	90	31 - 159	11	40
Acetone	ND		112	132		ug/Kg	☼	118	35 - 167	4	40
Benzene	ND		55.8	48.3		ug/Kg	☼	87	39 - 134	8	40
Dichlorobromomethane	ND		55.8	46.7		ug/Kg	☼	84	32 - 146	12	39
Bromoform	ND		55.8	39.3		ug/Kg	☼	70	12 - 144	12	40
Bromomethane	ND		55.8	70.7		ug/Kg	☼	127	10 - 161	13	40
Carbon disulfide	ND		55.8	61.8		ug/Kg	☼	111	24 - 153	9	40
Carbon tetrachloride	ND		55.8	52.0		ug/Kg	☼	93	37 - 145	9	38
Chlorobenzene	ND		55.8	46.5		ug/Kg	☼	83	18 - 134	11	40
Chloroethane	ND		55.8	64.3		ug/Kg	☼	115	14 - 159	13	40
Chloroform	ND		55.8	49.1		ug/Kg	☼	88	43 - 134	8	36
Chloromethane	ND		55.8	58.5		ug/Kg	☼	105	32 - 151	13	38
cis-1,2-Dichloroethene	ND		55.8	51.0		ug/Kg	☼	91	48 - 132	10	37
cis-1,3-Dichloropropene	ND		55.8	39.9		ug/Kg	☼	72	23 - 139	10	39
Cyclohexane	ND		55.8	53.4		ug/Kg	☼	96	31 - 147	7	39
Chlorodibromomethane	ND		55.8	44.8		ug/Kg	☼	80	25 - 143	11	40
Dichlorodifluoromethane	ND		55.8	47.3		ug/Kg	☼	85	16 - 157	11	40
Ethylbenzene	ND		55.8	45.9		ug/Kg	☼	82	17 - 137	11	40

Method: 8260D - Volatile Organic Compounds by GC/MS (Continued)

Lab Sample ID: 240-213619-1 MSD
Matrix: Solid
Analysis Batch: 633439

Client Sample ID: SB-7-10-12
Prep Type: Total/NA
Prep Batch: 633561

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Isopropylbenzene	ND		55.8	54.4		ug/Kg	☼	98	10 - 146	10	40
Methyl acetate	ND		112	92.8		ug/Kg	☼	83	13 - 164	7	40
Methyl tert-butyl ether	ND		55.8	49.3		ug/Kg	☼	88	55 - 134	8	37
Methylcyclohexane	ND		55.8	46.7		ug/Kg	☼	84	20 - 153	7	40
Methylene Chloride	ND	*+	55.8	63.9		ug/Kg	☼	115	38 - 145	8	40
Styrene	ND		55.8	43.5		ug/Kg	☼	78	10 - 149	9	40
Tetrachloroethene	ND		55.8	45.8		ug/Kg	☼	82	19 - 147	10	40
Toluene	ND		55.8	49.0		ug/Kg	☼	88	30 - 137	10	40
trans-1,2-Dichloroethene	ND		55.8	54.0		ug/Kg	☼	97	41 - 145	9	37
trans-1,3-Dichloropropene	ND		55.8	44.2		ug/Kg	☼	79	19 - 130	11	40
Trichloroethene	ND		55.8	47.0		ug/Kg	☼	84	21 - 158	8	40
Trichlorofluoromethane	ND		55.8	62.2		ug/Kg	☼	111	36 - 161	9	40
Vinyl chloride	ND		55.8	71.2		ug/Kg	☼	128	32 - 163	11	38
Xylenes, Total	ND		112	94.3		ug/Kg	☼	85	17 - 138	9	40
m-Xylene & p-Xylene	ND		55.8	44.8		ug/Kg	☼	80	10 - 141	9	40
o-Xylene	ND		55.8	49.5		ug/Kg	☼	89	18 - 139	9	40

Surrogate	*MSD %Recovery*	*MSD Qualifier*	*Limits*
Toluene-d8 (Surr)	*106*		*56 - 125*
Dibromofluoromethane (Surr)	*103*		*41 - 138*
4-Bromofluorobenzene (Surr)	*100*		*41 - 143*
1,2-Dichloroethane-d4 (Surr)	*99*		*58 - 125*

Method: 8270E - Semivolatile Organic Compounds (GC/MS)

Lab Sample ID: MB 240-632663/1-A
Matrix: Solid
Analysis Batch: 633048

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 632663

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1'-Biphenyl	ND		100	28	ug/Kg		10/28/24 08:13	10/30/24 08:40	1
bis (2-chloroisopropyl) ether	ND		100	26	ug/Kg		10/28/24 08:13	10/30/24 08:40	1
2,4,5-Trichlorophenol	ND		150	33	ug/Kg		10/28/24 08:13	10/30/24 08:40	1
2,4,6-Trichlorophenol	ND		150	29	ug/Kg		10/28/24 08:13	10/30/24 08:40	1
2,4-Dichlorophenol	ND		150	27	ug/Kg		10/28/24 08:13	10/30/24 08:40	1
2,4-Dimethylphenol	ND		150	36	ug/Kg		10/28/24 08:13	10/30/24 08:40	1
2,4-Dinitrophenol	ND		330	170	ug/Kg		10/28/24 08:13	10/30/24 08:40	1
2,4-Dinitrotoluene	ND		200	23	ug/Kg		10/28/24 08:13	10/30/24 08:40	1
2,6-Dinitrotoluene	ND		200	36	ug/Kg		10/28/24 08:13	10/30/24 08:40	1
2-Chloronaphthalene	ND		100	28	ug/Kg		10/28/24 08:13	10/30/24 08:40	1
2-Chlorophenol	ND		100	26	ug/Kg		10/28/24 08:13	10/30/24 08:40	1
2-Methylnaphthalene	ND		40	13	ug/Kg		10/28/24 08:13	10/30/24 08:40	1
2-Methylphenol	ND		200	41	ug/Kg		10/28/24 08:13	10/30/24 08:40	1
2-Nitroaniline	ND		200	38	ug/Kg		10/28/24 08:13	10/30/24 08:40	1
2-Nitrophenol	ND		100	35	ug/Kg		10/28/24 08:13	10/30/24 08:40	1
3,3'-Dichlorobenzidine	ND		150	95	ug/Kg		10/28/24 08:13	10/30/24 08:40	1
3-Nitroaniline	ND		200	35	ug/Kg		10/28/24 08:13	10/30/24 08:40	1
4,6-Dinitro-2-methylphenol	ND		330	100	ug/Kg		10/28/24 08:13	10/30/24 08:40	1
4-Bromophenyl phenyl ether	ND		100	32	ug/Kg		10/28/24 08:13	10/30/24 08:40	1

Client: August Mack Environmental, Inc.
Project/Site: MSC Canfield

Job ID: 240-213619-1

Method: 8270E - Semivolatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: MB 240-632663/1-A
Matrix: Solid
Analysis Batch: 633048

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 632663

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
4-Chloro-3-methylphenol	ND		150	38	ug/Kg		10/28/24 08:13	10/30/24 08:40	1
4-Chloroaniline	ND		150	16	ug/Kg		10/28/24 08:13	10/30/24 08:40	1
4-Chlorophenyl phenyl ether	ND		100	28	ug/Kg		10/28/24 08:13	10/30/24 08:40	1
4-Nitroaniline	ND		200	26	ug/Kg		10/28/24 08:13	10/30/24 08:40	1
4-Nitrophenol	ND		330	90	ug/Kg		10/28/24 08:13	10/30/24 08:40	1
Acenaphthene	ND		40	14	ug/Kg		10/28/24 08:13	10/30/24 08:40	1
Acenaphthylene	ND		40	15	ug/Kg		10/28/24 08:13	10/30/24 08:40	1
Acetophenone	ND		100	25	ug/Kg		10/28/24 08:13	10/30/24 08:40	1
Anthracene	ND		40	12	ug/Kg		10/28/24 08:13	10/30/24 08:40	1
Atrazine	ND		330	69	ug/Kg		10/28/24 08:13	10/30/24 08:40	1
Benzaldehyde	ND		330	56	ug/Kg		10/28/24 08:13	10/30/24 08:40	1
Benzo[a]anthracene	ND		40	15	ug/Kg		10/28/24 08:13	10/30/24 08:40	1
Benzo[a]pyrene	ND		40	14	ug/Kg		10/28/24 08:13	10/30/24 08:40	1
Benzo[b]fluoranthene	ND		40	12	ug/Kg		10/28/24 08:13	10/30/24 08:40	1
Benzo[g,h,i]perylene	ND		40	27	ug/Kg		10/28/24 08:13	10/30/24 08:40	1
Benzo[k]fluoranthene	ND		40	10	ug/Kg		10/28/24 08:13	10/30/24 08:40	1
Bis(2-chloroethoxy)methane	ND		100	20	ug/Kg		10/28/24 08:13	10/30/24 08:40	1
Bis(2-chloroethyl)ether	ND		100	22	ug/Kg		10/28/24 08:13	10/30/24 08:40	1
Bis(2-ethylhexyl) phthalate	67.4	J	150	56	ug/Kg		10/28/24 08:13	10/30/24 08:40	1
Butyl benzyl phthalate	ND		150	51	ug/Kg		10/28/24 08:13	10/30/24 08:40	1
Caprolactam	ND		330	69	ug/Kg		10/28/24 08:13	10/30/24 08:40	1
Carbazole	ND		100	27	ug/Kg		10/28/24 08:13	10/30/24 08:40	1
Chrysene	ND		40	14	ug/Kg		10/28/24 08:13	10/30/24 08:40	1
Dibenz(a,h)anthracene	ND		40	15	ug/Kg		10/28/24 08:13	10/30/24 08:40	1
Dibenzofuran	ND		100	29	ug/Kg		10/28/24 08:13	10/30/24 08:40	1
Diethyl phthalate	ND		150	43	ug/Kg		10/28/24 08:13	10/30/24 08:40	1
Dimethyl phthalate	ND		150	40	ug/Kg		10/28/24 08:13	10/30/24 08:40	1
Di-n-butyl phthalate	ND		150	51	ug/Kg		10/28/24 08:13	10/30/24 08:40	1
Di-n-octyl phthalate	ND		150	50	ug/Kg		10/28/24 08:13	10/30/24 08:40	1
Fluoranthene	ND		40	14	ug/Kg		10/28/24 08:13	10/30/24 08:40	1
Fluorene	ND		40	14	ug/Kg		10/28/24 08:13	10/30/24 08:40	1
Hexachlorobenzene	ND		40	14	ug/Kg		10/28/24 08:13	10/30/24 08:40	1
Hexachlorobutadiene	ND		100	21	ug/Kg		10/28/24 08:13	10/30/24 08:40	1
Hexachlorocyclopentadiene	ND		330	39	ug/Kg		10/28/24 08:13	10/30/24 08:40	1
Hexachloroethane	ND		100	32	ug/Kg		10/28/24 08:13	10/30/24 08:40	1
Indeno[1,2,3-cd]pyrene	ND		40	12	ug/Kg		10/28/24 08:13	10/30/24 08:40	1
Isophorone	ND		100	26	ug/Kg		10/28/24 08:13	10/30/24 08:40	1
N-Nitrosodi-n-propylamine	ND		100	37	ug/Kg		10/28/24 08:13	10/30/24 08:40	1
N-Nitrosodiphenylamine	ND		100	27	ug/Kg		10/28/24 08:13	10/30/24 08:40	1
Naphthalene	ND		40	13	ug/Kg		10/28/24 08:13	10/30/24 08:40	1
Nitrobenzene	ND		100	22	ug/Kg		10/28/24 08:13	10/30/24 08:40	1
Pentachlorophenol	ND		270	110	ug/Kg		10/28/24 08:13	10/30/24 08:40	1
Phenanthrene	ND		40	13	ug/Kg		10/28/24 08:13	10/30/24 08:40	1
Phenol	ND		100	38	ug/Kg		10/28/24 08:13	10/30/24 08:40	1
Pyrene	ND		40	16	ug/Kg		10/28/24 08:13	10/30/24 08:40	1
3 & 4 Methylphenol	ND		400	41	ug/Kg		10/28/24 08:13	10/30/24 08:40	1

Method: 8270E - Semivolatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: MB 240-632663/1-A
Matrix: Solid
Analysis Batch: 633048

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 632663

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
Terphenyl-d14 (Surr)	*73*		*37 - 120*	*10/28/24 08:13*	*10/30/24 08:40*	*1*
Phenol-d5 (Surr)	*74*		*29 - 120*	*10/28/24 08:13*	*10/30/24 08:40*	*1*
Nitrobenzene-d5 (Surr)	*64*		*28 - 120*	*10/28/24 08:13*	*10/30/24 08:40*	*1*
2-Fluorophenol (Surr)	*73*		*26 - 120*	*10/28/24 08:13*	*10/30/24 08:40*	*1*
2-Fluorobiphenyl (Surr)	*70*		*36 - 120*	*10/28/24 08:13*	*10/30/24 08:40*	*1*
2,4,6-Tribromophenol (Surr)	*59*		*10 - 120*	*10/28/24 08:13*	*10/30/24 08:40*	*1*

Lab Sample ID: LCS 240-632663/2-A
Matrix: Solid
Analysis Batch: 633048

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 632663

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
1,1'-Biphenyl	1330	842		ug/Kg		63	54 - 120
bis (2-chloroisopropyl) ether	1330	792		ug/Kg		59	42 - 120
2,4,5-Trichlorophenol	1330	867		ug/Kg		65	53 - 120
2,4,6-Trichlorophenol	1330	866		ug/Kg		65	53 - 120
2,4-Dichlorophenol	1330	848		ug/Kg		64	55 - 120
2,4-Dimethylphenol	1330	546		ug/Kg		41	39 - 120
2,4-Dinitrophenol	2670	1140		ug/Kg		43	10 - 120
2,4-Dinitrotoluene	1330	980		ug/Kg		74	56 - 120
2,6-Dinitrotoluene	1330	937		ug/Kg		70	57 - 120
2-Chloronaphthalene	1330	842		ug/Kg		63	54 - 120
2-Chlorophenol	1330	811		ug/Kg		61	54 - 120
2-Methylnaphthalene	1330	832		ug/Kg		62	56 - 120
2-Methylphenol	1330	926		ug/Kg		69	51 - 120
2-Nitroaniline	1330	968		ug/Kg		73	53 - 120
2-Nitrophenol	1330	862		ug/Kg		65	51 - 120
3,3'-Dichlorobenzidine	2670	1020		ug/Kg		38	31 - 120
3-Nitroaniline	1330	657		ug/Kg		49	36 - 120
4,6-Dinitro-2-methylphenol	2670	1280		ug/Kg		48	10 - 120
4-Bromophenyl phenyl ether	1330	889		ug/Kg		67	56 - 120
4-Chloro-3-methylphenol	1330	928		ug/Kg		70	55 - 120
4-Chloroaniline	1330	407		ug/Kg		30	23 - 120
4-Chlorophenyl phenyl ether	1330	879		ug/Kg		66	54 - 120
4-Nitroaniline	1330	706		ug/Kg		53	46 - 120
4-Nitrophenol	2670	1720		ug/Kg		65	41 - 123
Acenaphthene	1330	823		ug/Kg		62	56 - 120
Acenaphthylene	1330	873		ug/Kg		65	54 - 120
Acetophenone	1330	791		ug/Kg		59	53 - 120
Anthracene	1330	862		ug/Kg		65	59 - 120
Atrazine	2670	1690		ug/Kg		63	56 - 136
Benzaldehyde	2670	1470		ug/Kg		55	50 - 120
Benzo[a]anthracene	1330	894		ug/Kg		67	59 - 120
Benzo[a]pyrene	1330	865		ug/Kg		65	54 - 120
Benzo[b]fluoranthene	1330	836		ug/Kg		63	58 - 120
Benzo[g,h,i]perylene	1330	858		ug/Kg		64	56 - 120
Benzo[k]fluoranthene	1330	861		ug/Kg		65	59 - 120
Bis(2-chloroethoxy)methane	1330	847		ug/Kg		64	53 - 120

Method: 8270E - Semivolatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: LCS 240-632663/2-A
Matrix: Solid
Analysis Batch: 633048

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 632663

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Bis(2-chloroethyl)ether	1330	726		ug/Kg		54	45 - 120
Bis(2-ethylhexyl) phthalate	1330	859		ug/Kg		64	52 - 120
Butyl benzyl phthalate	1330	859		ug/Kg		64	54 - 120
Caprolactam	2670	1780		ug/Kg		67	55 - 120
Carbazole	1330	830		ug/Kg		62	61 - 120
Chrysene	1330	853		ug/Kg		64	58 - 120
Dibenz(a,h)anthracene	1330	866		ug/Kg		65	54 - 120
Dibenzofuran	1330	842		ug/Kg		63	54 - 120
Diethyl phthalate	1330	893		ug/Kg		67	58 - 120
Dimethyl phthalate	1330	905		ug/Kg		68	58 - 120
Di-n-butyl phthalate	1330	838		ug/Kg		63	54 - 124
Di-n-octyl phthalate	1330	802		ug/Kg		60	53 - 120
Fluoranthene	1330	893		ug/Kg		67	59 - 120
Fluorene	1330	872		ug/Kg		65	56 - 120
Hexachlorobenzene	1330	857		ug/Kg		64	51 - 120
Hexachlorobutadiene	1330	802		ug/Kg		60	46 - 120
Hexachlorocyclopentadiene	1330	264	J	ug/Kg		20	12 - 120
Hexachloroethane	1330	808		ug/Kg		61	49 - 120
Indeno[1,2,3-cd]pyrene	1330	871		ug/Kg		65	53 - 120
Isophorone	1330	865		ug/Kg		65	52 - 120
N-Nitrosodi-n-propylamine	1330	830		ug/Kg		62	52 - 120
N-Nitrosodiphenylamine	1330	870		ug/Kg		65	58 - 120
Naphthalene	1330	816		ug/Kg		61	54 - 120
Nitrobenzene	1330	833		ug/Kg		63	52 - 120
Pentachlorophenol	2670	1140		ug/Kg		43	31 - 120
Phenanthrene	1330	826		ug/Kg		62	57 - 120
Phenol	1330	787		ug/Kg		59	48 - 120
Pyrene	1330	890		ug/Kg		67	59 - 120
3 & 4 Methylphenol	1330	886		ug/Kg		66	51 - 120

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
Terphenyl-d14 (Surr)	*56*		*37 - 120*
Phenol-d5 (Surr)	*59*		*29 - 120*
Nitrobenzene-d5 (Surr)	*55*		*28 - 120*
2-Fluorophenol (Surr)	*57*		*26 - 120*
2-Fluorobiphenyl (Surr)	*57*		*36 - 120*
2,4,6-Tribromophenol (Surr)	*65*		*10 - 120*

Lab Sample ID: 240-213619-1 MS
Matrix: Solid
Analysis Batch: 633048

Client Sample ID: SB-7-10-12
Prep Type: Total/NA
Prep Batch: 632663

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
1,1'-Biphenyl	ND		1550	1100		ug/Kg	☼	71	30 - 120
bis (2-chloroisopropyl) ether	ND		1550	900		ug/Kg	☼	58	19 - 120
2,4,5-Trichlorophenol	ND		1550	1160		ug/Kg	☼	75	35 - 120
2,4,6-Trichlorophenol	ND		1550	1160		ug/Kg	☼	75	25 - 120
2,4-Dichlorophenol	ND		1550	1160		ug/Kg	☼	75	35 - 120

Method: 8270E - Semivolatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: 240-213619-1 MS
Matrix: Solid
Analysis Batch: 633048

Client Sample ID: SB-7-10-12
Prep Type: Total/NA
Prep Batch: 632663

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
2,4-Dimethylphenol	ND		1550	722		ug/Kg	☼	47	20 - 120
2,4-Dinitrophenol	ND	F2	3100	413		ug/Kg	☼	13	10 - 120
2,4-Dinitrotoluene	ND		1550	1340		ug/Kg	☼	86	24 - 122
2,6-Dinitrotoluene	ND		1550	1300		ug/Kg	☼	84	27 - 120
2-Chloronaphthalene	ND		1550	1090		ug/Kg	☼	70	33 - 120
2-Chlorophenol	ND		1550	1060		ug/Kg	☼	69	33 - 120
2-Methylnaphthalene	ND		1550	1040		ug/Kg	☼	67	18 - 120
2-Methylphenol	ND		1550	1410		ug/Kg	☼	91	30 - 120
2-Nitroaniline	ND		1550	1330		ug/Kg	☼	86	13 - 128
2-Nitrophenol	ND		1550	1060		ug/Kg	☼	68	21 - 120
3,3'-Dichlorobenzidine	ND		3100	2280		ug/Kg	☼	73	10 - 143
3-Nitroaniline	ND		1550	1220		ug/Kg	☼	79	10 - 120
4,6-Dinitro-2-methylphenol	ND		3100	763		ug/Kg	☼	25	10 - 120
4-Bromophenyl phenyl ether	ND		1550	1280		ug/Kg	☼	82	39 - 120
4-Chloro-3-methylphenol	ND		1550	1300		ug/Kg	☼	84	26 - 120
4-Chloroaniline	ND		1550	915		ug/Kg	☼	59	19 - 120
4-Chlorophenyl phenyl ether	ND		1550	1220		ug/Kg	☼	78	37 - 120
4-Nitroaniline	ND		1550	1100		ug/Kg	☼	71	22 - 120
4-Nitrophenol	ND		3100	2320		ug/Kg	☼	75	18 - 124
Acenaphthene	ND		1550	1090		ug/Kg	☼	70	26 - 120
Acenaphthylene	ND		1550	1180		ug/Kg	☼	76	25 - 120
Acetophenone	ND		1550	1020		ug/Kg	☼	65	32 - 120
Anthracene	ND		1550	1250		ug/Kg	☼	81	25 - 121
Atrazine	ND		3100	2650		ug/Kg	☼	85	43 - 130
Benzaldehyde	ND		3100	1790		ug/Kg	☼	58	27 - 120
Benzo[a]anthracene	ND		1550	1330		ug/Kg	☼	86	21 - 130
Benzo[a]pyrene	ND		1550	1270		ug/Kg	☼	82	12 - 131
Benzo[b]fluoranthene	ND		1550	1250		ug/Kg	☼	81	14 - 134
Benzo[g,h,i]perylene	ND		1550	1310		ug/Kg	☼	84	10 - 145
Benzo[k]fluoranthene	ND		1550	1210		ug/Kg	☼	78	18 - 126
Bis(2-chloroethoxy)methane	ND		1550	1060		ug/Kg	☼	68	28 - 120
Bis(2-chloroethyl)ether	ND		1550	903		ug/Kg	☼	58	23 - 120
Bis(2-ethylhexyl) phthalate	ND		1550	1340		ug/Kg	☼	86	24 - 131
Butyl benzyl phthalate	ND		1550	1300		ug/Kg	☼	84	41 - 120
Caprolactam	ND		3100	2150		ug/Kg	☼	69	28 - 120
Carbazole	ND		1550	1230		ug/Kg	☼	79	40 - 120
Chrysene	ND		1550	1270		ug/Kg	☼	82	20 - 126
Dibenz(a,h)anthracene	ND		1550	1330		ug/Kg	☼	86	10 - 141
Dibenzofuran	ND		1550	1140		ug/Kg	☼	74	35 - 120
Diethyl phthalate	ND		1550	1270		ug/Kg	☼	82	33 - 120
Dimethyl phthalate	ND		1550	1270		ug/Kg	☼	82	15 - 120
Di-n-butyl phthalate	ND		1550	1250		ug/Kg	☼	80	25 - 132
Di-n-octyl phthalate	ND		1550	1250		ug/Kg	☼	80	37 - 120
Fluoranthene	ND		1550	1340		ug/Kg	☼	87	18 - 139
Fluorene	ND		1550	1210		ug/Kg	☼	78	29 - 120
Hexachlorobenzene	ND		1550	1280		ug/Kg	☼	82	36 - 120
Hexachlorobutadiene	ND		1550	853		ug/Kg	☼	55	18 - 120
Hexachlorocyclopentadiene	ND		1550	175	J	ug/Kg	☼	11	10 - 120
Hexachloroethane	ND		1550	772		ug/Kg	☼	50	14 - 120

Method: 8270E - Semivolatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: 240-213619-1 MS
Matrix: Solid
Analysis Batch: 633048

Client Sample ID: SB-7-10-12
Prep Type: Total/NA
Prep Batch: 632663

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Indeno[1,2,3-cd]pyrene	ND		1550	1350		ug/Kg	☼	87	10 - 143
Isophorone	ND		1550	1150		ug/Kg	☼	74	33 - 120
N-Nitrosodi-n-propylamine	ND		1550	1060		ug/Kg	☼	68	33 - 120
N-Nitrosodiphenylamine	ND		1550	1250		ug/Kg	☼	81	35 - 120
Naphthalene	ND		1550	953		ug/Kg	☼	61	17 - 120
Nitrobenzene	ND		1550	991		ug/Kg	☼	64	25 - 120
Pentachlorophenol	ND		3100	1280		ug/Kg	☼	41	10 - 120
Phenanthrene	ND		1550	1200		ug/Kg	☼	77	18 - 122
Phenol	ND		1550	1060		ug/Kg	☼	69	29 - 120
Pyrene	ND		1550	1340		ug/Kg	☼	86	18 - 136
3 & 4 Methylphenol	ND		1550	1280		ug/Kg	☼	83	30 - 120

Surrogate	*MS %Recovery*	*MS Qualifier*	*Limits*
Terphenyl-d14 (Surr)	*73*		*37 - 120*
Phenol-d5 (Surr)	*69*		*29 - 120*
Nitrobenzene-d5 (Surr)	*57*		*28 - 120*
2-Fluorophenol (Surr)	*67*		*26 - 120*
2-Fluorobiphenyl (Surr)	*65*		*36 - 120*
2,4,6-Tribromophenol (Surr)	*78*		*10 - 120*

Lab Sample ID: 240-213619-1 MSD
Matrix: Solid
Analysis Batch: 633048

Client Sample ID: SB-7-10-12
Prep Type: Total/NA
Prep Batch: 632663

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
1,1'-Biphenyl	ND		1590	1190		ug/Kg	☼	75	30 - 120	9	40
bis (2-chloroisopropyl) ether	ND		1590	939		ug/Kg	☼	59	19 - 120	4	40
2,4,5-Trichlorophenol	ND		1590	1480		ug/Kg	☼	93	35 - 120	24	40
2,4,6-Trichlorophenol	ND		1590	1340		ug/Kg	☼	84	25 - 120	14	40
2,4-Dichlorophenol	ND		1590	1290		ug/Kg	☼	81	35 - 120	10	40
2,4-Dimethylphenol	ND		1590	809		ug/Kg	☼	51	20 - 120	11	40
2,4-Dinitrophenol	ND	F2	3180	623	F2	ug/Kg	☼	20	10 - 120	41	40
2,4-Dinitrotoluene	ND		1590	1550		ug/Kg	☼	97	24 - 122	14	40
2,6-Dinitrotoluene	ND		1590	1500		ug/Kg	☼	94	27 - 120	14	40
2-Chloronaphthalene	ND		1590	1170		ug/Kg	☼	74	33 - 120	8	40
2-Chlorophenol	ND		1590	1200		ug/Kg	☼	75	33 - 120	12	40
2-Methylnaphthalene	ND		1590	1090		ug/Kg	☼	69	18 - 120	5	40
2-Methylphenol	ND		1590	1140		ug/Kg	☼	72	30 - 120	22	40
2-Nitroaniline	ND		1590	1500		ug/Kg	☼	95	13 - 128	12	40
2-Nitrophenol	ND		1590	1230		ug/Kg	☼	77	21 - 120	15	40
3,3'-Dichlorobenzidine	ND		3180	2590		ug/Kg	☼	82	10 - 143	13	40
3-Nitroaniline	ND		1590	1390		ug/Kg	☼	88	10 - 120	13	40
4,6-Dinitro-2-methylphenol	ND		3180	964		ug/Kg	☼	30	10 - 120	23	40
4-Bromophenyl phenyl ether	ND		1590	1370		ug/Kg	☼	86	39 - 120	7	40
4-Chloro-3-methylphenol	ND		1590	1400		ug/Kg	☼	88	26 - 120	7	40
4-Chloroaniline	ND		1590	1050		ug/Kg	☼	66	19 - 120	14	40
4-Chlorophenyl phenyl ether	ND		1590	1310		ug/Kg	☼	82	37 - 120	7	40
4-Nitroaniline	ND		1590	1280		ug/Kg	☼	81	22 - 120	16	40

Method: 8270E - Semivolatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: 240-213619-1 MSD
Matrix: Solid
Analysis Batch: 633048

Client Sample ID: SB-7-10-12
Prep Type: Total/NA
Prep Batch: 632663

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
4-Nitrophenol	ND		3180	2680		ug/Kg	☼	84	18 - 124	15	40
Acenaphthene	ND		1590	1190		ug/Kg	☼	75	26 - 120	9	40
Acenaphthylene	ND		1590	1280		ug/Kg	☼	81	25 - 120	9	40
Acetophenone	ND		1590	1130		ug/Kg	☼	71	32 - 120	11	40
Anthracene	ND		1590	1380		ug/Kg	☼	87	25 - 121	9	40
Atrazine	ND		3180	2970		ug/Kg	☼	93	43 - 130	11	40
Benzaldehyde	ND		3180	1920		ug/Kg	☼	60	27 - 120	7	40
Benzo[a]anthracene	ND		1590	1440		ug/Kg	☼	90	21 - 130	8	40
Benzo[a]pyrene	ND		1590	1390		ug/Kg	☼	88	12 - 131	9	40
Benzo[b]fluoranthene	ND		1590	1390		ug/Kg	☼	87	14 - 134	10	40
Benzo[g,h,i]perylene	ND		1590	1440		ug/Kg	☼	90	10 - 145	9	40
Benzo[k]fluoranthene	ND		1590	1350		ug/Kg	☼	85	18 - 126	10	40
Bis(2-chloroethoxy)methane	ND		1590	1200		ug/Kg	☼	76	28 - 120	13	40
Bis(2-chloroethyl)ether	ND		1590	988		ug/Kg	☼	62	23 - 120	9	40
Bis(2-ethylhexyl) phthalate	ND		1590	1440		ug/Kg	☼	91	24 - 131	7	40
Butyl benzyl phthalate	ND		1590	1410		ug/Kg	☼	89	41 - 120	9	40
Caprolactam	ND		3180	1690		ug/Kg	☼	53	28 - 120	24	35
Carbazole	ND		1590	1410		ug/Kg	☼	89	40 - 120	13	40
Chrysene	ND		1590	1360		ug/Kg	☼	85	20 - 126	7	40
Dibenz(a,h)anthracene	ND		1590	1490		ug/Kg	☼	94	10 - 141	11	40
Dibenzofuran	ND		1590	1260		ug/Kg	☼	79	35 - 120	10	40
Diethyl phthalate	ND		1590	1440		ug/Kg	☼	91	33 - 120	13	40
Dimethyl phthalate	ND		1590	1470		ug/Kg	☼	92	15 - 120	15	40
Di-n-butyl phthalate	ND		1590	1420		ug/Kg	☼	89	25 - 132	13	40
Di-n-octyl phthalate	ND		1590	1360		ug/Kg	☼	86	37 - 120	9	40
Fluoranthene	ND		1590	1490		ug/Kg	☼	94	18 - 139	11	40
Fluorene	ND		1590	1330		ug/Kg	☼	83	29 - 120	9	40
Hexachlorobenzene	ND		1590	1340		ug/Kg	☼	84	36 - 120	5	40
Hexachlorobutadiene	ND		1590	842		ug/Kg	☼	53	18 - 120	1	40
Hexachlorocyclopentadiene	ND		1590	230	J	ug/Kg	☼	14	10 - 120	27	40
Hexachloroethane	ND		1590	745		ug/Kg	☼	47	14 - 120	4	40
Indeno[1,2,3-cd]pyrene	ND		1590	1490		ug/Kg	☼	94	10 - 143	10	40
Isophorone	ND		1590	1310		ug/Kg	☼	82	33 - 120	13	40
N-Nitrosodi-n-propylamine	ND		1590	1210		ug/Kg	☼	76	33 - 120	13	40
N-Nitrosodiphenylamine	ND		1590	1390		ug/Kg	☼	87	35 - 120	10	40
Naphthalene	ND		1590	1010		ug/Kg	☼	63	17 - 120	5	40
Nitrobenzene	ND		1590	1090		ug/Kg	☼	69	25 - 120	10	40
Pentachlorophenol	ND		3180	1410		ug/Kg	☼	44	10 - 120	10	40
Phenanthrene	ND		1590	1320		ug/Kg	☼	83	18 - 122	10	40
Phenol	ND		1590	1160		ug/Kg	☼	73	29 - 120	9	40
Pyrene	ND		1590	1450		ug/Kg	☼	91	18 - 136	8	40
3 & 4 Methylphenol	ND		1590	1260		ug/Kg	☼	79	30 - 120	2	40

Surrogate	*MSD %Recovery*	*MSD Qualifier*	*Limits*
Terphenyl-d14 (Surr)	*78*		*37 - 120*
Phenol-d5 (Surr)	*73*		*29 - 120*
Nitrobenzene-d5 (Surr)	*60*		*28 - 120*
2-Fluorophenol (Surr)	*70*		*26 - 120*

Method: 8270E - Semivolatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: 240-213619-1 MSD
Matrix: Solid
Analysis Batch: 633048

Client Sample ID: SB-7-10-12
Prep Type: Total/NA
Prep Batch: 632663

Surrogate	MSD %Recovery	MSD Qualifier	Limits
2-Fluorobiphenyl (Surr)	68		36 - 120
2,4,6-Tribromophenol (Surr)	87		10 - 120

Method: 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Lab Sample ID: MB 240-632889/1-A
Matrix: Solid
Analysis Batch: 633074

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 632889

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aroclor-1016	ND		50	25	ug/Kg		10/29/24 08:34	10/29/24 19:20	1
Aroclor-1221	ND		50	30	ug/Kg		10/29/24 08:34	10/29/24 19:20	1
Aroclor-1232	ND		50	21	ug/Kg		10/29/24 08:34	10/29/24 19:20	1
Aroclor-1242	ND		50	19	ug/Kg		10/29/24 08:34	10/29/24 19:20	1
Aroclor-1248	ND		50	17	ug/Kg		10/29/24 08:34	10/29/24 19:20	1
Aroclor-1254	ND		50	21	ug/Kg		10/29/24 08:34	10/29/24 19:20	1
Aroclor-1260	ND		50	21	ug/Kg		10/29/24 08:34	10/29/24 19:20	1
Aroclor-1262	ND		50	22	ug/Kg		10/29/24 08:34	10/29/24 19:20	1
Aroclor-1268	ND		50	16	ug/Kg		10/29/24 08:34	10/29/24 19:20	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
Tetrachloro-m-xylene	68		10 - 149	10/29/24 08:34	10/29/24 19:20	1
DCB Decachlorobiphenyl	73		10 - 174	10/29/24 08:34	10/29/24 19:20	1

Lab Sample ID: LCS 240-632889/2-A
Matrix: Solid
Analysis Batch: 633074

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 632889

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
Aroclor-1016			1000	511		ug/Kg		51	28 - 140		
Aroclor-1260			1000	591		ug/Kg		59	39 - 153		

Surrogate	LCS %Recovery	LCS Qualifier	Limits
Tetrachloro-m-xylene	55		10 - 149
DCB Decachlorobiphenyl	69		10 - 174

Lab Sample ID: 240-213619-1 MS
Matrix: Solid
Analysis Batch: 633074

Client Sample ID: SB-7-10-12
Prep Type: Total/NA
Prep Batch: 632889

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits		
Aroclor-1016	ND		1170	653		ug/Kg	☼	56	10 - 146		
Aroclor-1260	ND		1170	782		ug/Kg	☼	67	10 - 158		

Surrogate	MS %Recovery	MS Qualifier	Limits
Tetrachloro-m-xylene	64		10 - 149
DCB Decachlorobiphenyl	79		10 - 174

Method: 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography (Continued)

Lab Sample ID: 240-213619-1 MSD
Matrix: Solid
Analysis Batch: 633074

Client Sample ID: SB-7-10-12
Prep Type: Total/NA
Prep Batch: 632889

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Aroclor-1016	ND		1220	762		ug/Kg	☼	62	10 - 146	15	40
Aroclor-1260	ND		1220	930		ug/Kg	☼	76	10 - 158	17	40

Surrogate	*MSD %Recovery*	*MSD Qualifier*	*Limits*
Tetrachloro-m-xylene	*73*		*10 - 149*
DCB Decachlorobiphenyl	*91*		*10 - 174*

Method: 6010D - Metals (ICP)

Lab Sample ID: MB 240-632537/1-A
Matrix: Solid
Analysis Batch: 632866

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 632537

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	ND		1.5	0.32	mg/Kg		10/25/24 15:00	10/28/24 13:54	1
Barium	ND		20	0.13	mg/Kg		10/25/24 15:00	10/28/24 13:54	1
Cadmium	ND		0.50	0.048	mg/Kg		10/25/24 15:00	10/28/24 13:54	1
Chromium	ND		1.0	0.34	mg/Kg		10/25/24 15:00	10/28/24 13:54	1
Copper	ND		2.5	0.70	mg/Kg		10/25/24 15:00	10/28/24 13:54	1
Lead	ND		1.0	0.28	mg/Kg		10/25/24 15:00	10/28/24 13:54	1
Selenium	ND		2.0	0.47	mg/Kg		10/25/24 15:00	10/28/24 13:54	1
Silver	0.152	J	1.0	0.081	mg/Kg		10/25/24 15:00	10/28/24 13:54	1
Zinc	ND		5.0	3.6	mg/Kg		10/25/24 15:00	10/28/24 13:54	1

Lab Sample ID: LCS 240-632537/2-A
Matrix: Solid
Analysis Batch: 632866

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 632537

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Arsenic	200	194		mg/Kg		97	80 - 120
Barium	200	184		mg/Kg		92	80 - 120
Cadmium	100	94.1		mg/Kg		94	80 - 120
Chromium	100	91.0		mg/Kg		91	80 - 120
Copper	100	91.6		mg/Kg		92	80 - 120
Lead	100	89.5		mg/Kg		89	80 - 120
Selenium	200	192		mg/Kg		96	80 - 120
Silver	10.0	9.21		mg/Kg		92	80 - 120
Zinc	100	96.0		mg/Kg		96	80 - 120

Lab Sample ID: 240-213619-1 MS
Matrix: Solid
Analysis Batch: 632866

Client Sample ID: SB-7-10-12
Prep Type: Total/NA
Prep Batch: 632537

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Arsenic	16		179	171		mg/Kg	☼	86	75 - 125
Barium	49		179	196		mg/Kg	☼	82	75 - 125
Cadmium	0.083	J	89.6	75.3		mg/Kg	☼	84	75 - 125
Chromium	15		89.6	87.6		mg/Kg	☼	81	75 - 125
Copper	18		89.6	91.8		mg/Kg	☼	83	75 - 125

Method: 6010D - Metals (ICP) (Continued)

Lab Sample ID: 240-213619-1 MS
Matrix: Solid
Analysis Batch: 632866

Client Sample ID: SB-7-10-12
Prep Type: Total/NA
Prep Batch: 632537

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Lead	10		89.6	79.0		mg/Kg	☼	77	75 - 125
Selenium	0.70	J	179	151		mg/Kg	☼	84	75 - 125
Silver	ND	F1 L	8.96	6.21	F1	mg/Kg	☼	69	75 - 125
Zinc	70		89.6	155		mg/Kg	☼	94	75 - 125

Lab Sample ID: 240-213619-1 MSD
Matrix: Solid
Analysis Batch: 632866

Client Sample ID: SB-7-10-12
Prep Type: Total/NA
Prep Batch: 632537

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Arsenic	16		179	172		mg/Kg	☼	87	75 - 125	1	20
Barium	49		179	222		mg/Kg	☼	97	75 - 125	12	20
Cadmium	0.083	J	89.6	75.9		mg/Kg	☼	85	75 - 125	1	20
Chromium	15		89.6	88.6		mg/Kg	☼	82	75 - 125	1	20
Copper	18		89.6	93.3		mg/Kg	☼	84	75 - 125	2	20
Lead	10		89.6	80.8		mg/Kg	☼	79	75 - 125	2	20
Selenium	0.70	J	179	153		mg/Kg	☼	85	75 - 125	1	20
Silver	ND	F1 L	8.96	6.28	F1	mg/Kg	☼	70	75 - 125	1	20
Zinc	70		89.6	159		mg/Kg	☼	98	75 - 125	2	20

Method: 7471B - Mercury (CVAA)

Lab Sample ID: MB 240-632539/1-A
Matrix: Solid
Analysis Batch: 632782

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 632539

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	ND		0.10	0.018	mg/Kg		10/25/24 15:00	10/28/24 11:16	1

Lab Sample ID: LCS 240-632539/2-A
Matrix: Solid
Analysis Batch: 632782

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 632539

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Mercury	0.833	0.835		mg/Kg		100	80 - 120

Lab Sample ID: 240-213619-1 MS
Matrix: Solid
Analysis Batch: 632782

Client Sample ID: SB-7-10-12
Prep Type: Total/NA
Prep Batch: 632539

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Mercury	ND		0.192	0.208		mg/Kg	☼	108	80 - 120

Lab Sample ID: 240-213619-1 MSD
Matrix: Solid
Analysis Batch: 632782

Client Sample ID: SB-7-10-12
Prep Type: Total/NA
Prep Batch: 632539

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Mercury	ND		0.192	0.199		mg/Kg	☼	104	80 - 120	4	20

Method: 7196A - Chromium, Hexavalent

Lab Sample ID: MB 410-571493/1-A
Matrix: Solid
Analysis Batch: 571713

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 571493

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cr (VI)	ND		0.42	0.14	mg/Kg		11/05/24 11:16	11/05/24 22:06	1

Lab Sample ID: LCS 410-571493/2-A
Matrix: Solid
Analysis Batch: 571713

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 571493

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Cr (VI)	5.00	4.93		mg/Kg		99	80 - 120

Lab Sample ID: LCSI 410-571493/3-A
Matrix: Solid
Analysis Batch: 571713

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 571493

Analyte	Spike Added	LCSI Result	LCSI Qualifier	Unit	D	%Rec	%Rec Limits
Cr (VI)	669	637		mg/Kg		95	80 - 120

Lab Sample ID: 240-213619-1 MSI
Matrix: Solid
Analysis Batch: 571713

Client Sample ID: SB-7-10-12
Prep Type: Total/NA
Prep Batch: 571493

Analyte	Sample Result	Sample Qualifier	Spike Added	MSI Result	MSI Qualifier	Unit	D	%Rec	%Rec Limits
Cr (VI)	ND		1030	964		mg/Kg	☼	94	75 - 125

Lab Sample ID: 240-213619-1 MSS
Matrix: Solid
Analysis Batch: 571713

Client Sample ID: SB-7-10-12
Prep Type: Total/NA
Prep Batch: 571493

Analyte	Sample Result	Sample Qualifier	Spike Added	MSS Result	MSS Qualifier	Unit	D	%Rec	%Rec Limits
Cr (VI)	ND		46.9	44.4		mg/Kg	☼	95	75 - 125

Lab Sample ID: 240-213619-1 DU
Matrix: Solid
Analysis Batch: 571713

Client Sample ID: SB-7-10-12
Prep Type: Total/NA
Prep Batch: 571493

Analyte	Sample Result	Sample Qualifier	DU Result	DU Qualifier	Unit	D	RPD	RPD Limit
Cr (VI)	ND		ND		mg/Kg	☼	NC	20

Method: 9012B - Cyanide, Total andor Amenable

Lab Sample ID: MB 240-633606/1-A
Matrix: Solid
Analysis Batch: 633808

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 633606

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cyanide, Total	ND		0.50	0.40	mg/Kg		11/01/24 15:14	11/01/24 17:04	1

Method: 9012B - Cyanide, Total andor Amenable (Continued)

Lab Sample ID: LCS 240-633606/2-A
Matrix: Solid
Analysis Batch: 633808

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 633606

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
Cyanide, Total			8.18	7.78		mg/Kg		95	65 - 128		

Lab Sample ID: 240-213619-1 MS
Matrix: Solid
Analysis Batch: 633808

Client Sample ID: SB-7-10-12
Prep Type: Total/NA
Prep Batch: 633606

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits		
Cyanide, Total	ND		1.04	1.09		mg/Kg	☼	104	24 - 140		

Lab Sample ID: 240-213619-1 MSD
Matrix: Solid
Analysis Batch: 633808

Client Sample ID: SB-7-10-12
Prep Type: Total/NA
Prep Batch: 633606

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Cyanide, Total	ND		1.17	1.26		mg/Kg	☼	108	24 - 140	15	40

Lab Sample ID: MB 240-633870/1-A
Matrix: Solid
Analysis Batch: 633889

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 633870

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cyanide, Total	ND		0.54	0.43	mg/Kg		11/04/24 14:48	11/04/24 16:44	1

Lab Sample ID: LCS 240-633870/2-A
Matrix: Solid
Analysis Batch: 633889

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 633870

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
Cyanide, Total			8.18	8.05		mg/Kg		98	65 - 128		

Lab Sample ID: 240-213619-5 MS
Matrix: Solid
Analysis Batch: 633889

Client Sample ID: SB-3-6-8
Prep Type: Total/NA
Prep Batch: 633870

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits		
Cyanide, Total	ND		1.14	1.10		mg/Kg	☼	97	24 - 140		

Lab Sample ID: 240-213619-5 MSD
Matrix: Solid
Analysis Batch: 633889

Client Sample ID: SB-3-6-8
Prep Type: Total/NA
Prep Batch: 633870

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Cyanide, Total	ND		1.14	1.12		mg/Kg	☼	99	24 - 140	2	40

Method: Moisture - Percent Moisture

Lab Sample ID: 240-213619-1 DU
Matrix: Solid
Analysis Batch: 632527

Client Sample ID: SB-7-10-12
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	DU Result	DU Qualifier	Unit	D	RPD	RPD Limit
Percent Solids	85.2		85.2		%			20
Percent Moisture	14.8		14.8		%			20

Method: OIA-1677 - Cyanide, Free (Flow Injection)

Lab Sample ID: MB 410-573350/17
Matrix: Solid
Analysis Batch: 573350

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cyanide, Free	ND		0.0060	0.0050	mg/L			11/09/24 16:00	1

Lab Sample ID: MB 410-573350/33
Matrix: Solid
Analysis Batch: 573350

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cyanide, Free	ND		0.0060	0.0050	mg/L			11/09/24 16:40	1

Lab Sample ID: LCS 410-573350/16
Matrix: Solid
Analysis Batch: 573350

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Cyanide, Free	0.0500	0.0424		mg/L		85	82 - 132

Lab Sample ID: LCS 410-573350/32
Matrix: Solid
Analysis Batch: 573350

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Cyanide, Free	0.0500	0.0439		mg/L		88	82 - 132

Lab Sample ID: MB 410-573369/17
Matrix: Solid
Analysis Batch: 573369

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cyanide, Free	ND		0.0060	0.0050	mg/L			11/10/24 15:39	1

Lab Sample ID: LCS 410-573369/16
Matrix: Solid
Analysis Batch: 573369

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Cyanide, Free	0.0500	0.0528		mg/L		106	82 - 132

Method: OIA-1677 - Cyanide, Free (Flow Injection) (Continued)

Lab Sample ID: 240-213619-1 MS
Matrix: Solid
Analysis Batch: 573369

Client Sample ID: SB-7-10-12
Prep Type: ASTM Leach

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits		
Cyanide, Free	ND		0.0500	0.0494		mg/L		99	82 - 130		

Lab Sample ID: 240-213619-1 MSD
Matrix: Solid
Analysis Batch: 573369

Client Sample ID: SB-7-10-12
Prep Type: ASTM Leach

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Cyanide, Free	ND		0.0500	0.0488		mg/L		98	82 - 130	1	11

QC Association Summary

Client: August Mack Environmental, Inc.
Project/Site: MSC Canfield

Job ID: 240-213619-1

GC/MS VOA

Analysis Batch: 633439

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
240-213619-1	SB-7-10-12	Total/NA	Solid	8260D	633561
240-213619-2	SB-7-16-18	Total/NA	Solid	8260D	633561
240-213619-3	SB-7-18-20	Total/NA	Solid	8260D	633561
240-213619-4	SB-DUP-5	Total/NA	Solid	8260D	633561
240-213619-5	SB-3-6-8	Total/NA	Solid	8260D	633561
240-213619-6	SB-3-10-12	Total/NA	Solid	8260D	633561
240-213619-7	SB-3-16-18	Total/NA	Solid	8260D	633561
240-213619-8	SB-DUP-6	Total/NA	Solid	8260D	633561
MB 240-633439/8	Method Blank	Total/NA	Solid	8260D	
LCS 240-633439/6	Lab Control Sample	Total/NA	Solid	8260D	
240-213619-1 MS	SB-7-10-12	Total/NA	Solid	8260D	633561
240-213619-1 MSD	SB-7-10-12	Total/NA	Solid	8260D	633561

Analysis Batch: 633483

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
240-213619-9	TB-15-20241022	Total/NA	Water	8260D	
MB 240-633483/7	Method Blank	Total/NA	Water	8260D	
LCS 240-633483/4	Lab Control Sample	Total/NA	Water	8260D	

Prep Batch: 633561

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
240-213619-1	SB-7-10-12	Total/NA	Solid	5030C	
240-213619-2	SB-7-16-18	Total/NA	Solid	5030C	
240-213619-3	SB-7-18-20	Total/NA	Solid	5030C	
240-213619-4	SB-DUP-5	Total/NA	Solid	5030C	
240-213619-5	SB-3-6-8	Total/NA	Solid	5030C	
240-213619-6	SB-3-10-12	Total/NA	Solid	5030C	
240-213619-7	SB-3-16-18	Total/NA	Solid	5030C	
240-213619-8	SB-DUP-6	Total/NA	Solid	5030C	
240-213619-1 MS	SB-7-10-12	Total/NA	Solid	5030C	
240-213619-1 MSD	SB-7-10-12	Total/NA	Solid	5030C	

GC/MS Semi VOA

Prep Batch: 632663

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
240-213619-1	SB-7-10-12	Total/NA	Solid	3546	
240-213619-2	SB-7-16-18	Total/NA	Solid	3546	
240-213619-3	SB-7-18-20	Total/NA	Solid	3546	
240-213619-4	SB-DUP-5	Total/NA	Solid	3546	
240-213619-5	SB-3-6-8	Total/NA	Solid	3546	
240-213619-6	SB-3-10-12	Total/NA	Solid	3546	
240-213619-7	SB-3-16-18	Total/NA	Solid	3546	
240-213619-8	SB-DUP-6	Total/NA	Solid	3546	
MB 240-632663/1-A	Method Blank	Total/NA	Solid	3546	
LCS 240-632663/2-A	Lab Control Sample	Total/NA	Solid	3546	
240-213619-1 MS	SB-7-10-12	Total/NA	Solid	3546	
240-213619-1 MSD	SB-7-10-12	Total/NA	Solid	3546	

GC/MS Semi VOA

Analysis Batch: 633048

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
240-213619-1	SB-7-10-12	Total/NA	Solid	8270E	632663
240-213619-2	SB-7-16-18	Total/NA	Solid	8270E	632663
240-213619-3	SB-7-18-20	Total/NA	Solid	8270E	632663
240-213619-4	SB-DUP-5	Total/NA	Solid	8270E	632663
240-213619-5	SB-3-6-8	Total/NA	Solid	8270E	632663
240-213619-6	SB-3-10-12	Total/NA	Solid	8270E	632663
MB 240-632663/1-A	Method Blank	Total/NA	Solid	8270E	632663
LCS 240-632663/2-A	Lab Control Sample	Total/NA	Solid	8270E	632663
240-213619-1 MS	SB-7-10-12	Total/NA	Solid	8270E	632663
240-213619-1 MSD	SB-7-10-12	Total/NA	Solid	8270E	632663

Analysis Batch: 633251

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
240-213619-7	SB-3-16-18	Total/NA	Solid	8270E	632663
240-213619-8	SB-DUP-6	Total/NA	Solid	8270E	632663

GC Semi VOA

Prep Batch: 632889

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
240-213619-1	SB-7-10-12	Total/NA	Solid	3546	
240-213619-2	SB-7-16-18	Total/NA	Solid	3546	
240-213619-3	SB-7-18-20	Total/NA	Solid	3546	
240-213619-4	SB-DUP-5	Total/NA	Solid	3546	
240-213619-5	SB-3-6-8	Total/NA	Solid	3546	
240-213619-6	SB-3-10-12	Total/NA	Solid	3546	
240-213619-7	SB-3-16-18	Total/NA	Solid	3546	
240-213619-8	SB-DUP-6	Total/NA	Solid	3546	
MB 240-632889/1-A	Method Blank	Total/NA	Solid	3546	
LCS 240-632889/2-A	Lab Control Sample	Total/NA	Solid	3546	
240-213619-1 MS	SB-7-10-12	Total/NA	Solid	3546	
240-213619-1 MSD	SB-7-10-12	Total/NA	Solid	3546	

Analysis Batch: 633074

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
240-213619-1	SB-7-10-12	Total/NA	Solid	8082A	632889
240-213619-2	SB-7-16-18	Total/NA	Solid	8082A	632889
240-213619-3	SB-7-18-20	Total/NA	Solid	8082A	632889
240-213619-4	SB-DUP-5	Total/NA	Solid	8082A	632889
240-213619-5	SB-3-6-8	Total/NA	Solid	8082A	632889
240-213619-6	SB-3-10-12	Total/NA	Solid	8082A	632889
240-213619-7	SB-3-16-18	Total/NA	Solid	8082A	632889
240-213619-8	SB-DUP-6	Total/NA	Solid	8082A	632889
MB 240-632889/1-A	Method Blank	Total/NA	Solid	8082A	632889
LCS 240-632889/2-A	Lab Control Sample	Total/NA	Solid	8082A	632889
240-213619-1 MS	SB-7-10-12	Total/NA	Solid	8082A	632889
240-213619-1 MSD	SB-7-10-12	Total/NA	Solid	8082A	632889

Metals

Prep Batch: 632537

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
240-213619-1	SB-7-10-12	Total/NA	Solid	3050B	
240-213619-2	SB-7-16-18	Total/NA	Solid	3050B	
240-213619-3	SB-7-18-20	Total/NA	Solid	3050B	
240-213619-4	SB-DUP-5	Total/NA	Solid	3050B	
240-213619-5	SB-3-6-8	Total/NA	Solid	3050B	
240-213619-6	SB-3-10-12	Total/NA	Solid	3050B	
240-213619-7	SB-3-16-18	Total/NA	Solid	3050B	
240-213619-8	SB-DUP-6	Total/NA	Solid	3050B	
MB 240-632537/1-A	Method Blank	Total/NA	Solid	3050B	
LCS 240-632537/2-A	Lab Control Sample	Total/NA	Solid	3050B	
240-213619-1 MS	SB-7-10-12	Total/NA	Solid	3050B	
240-213619-1 MSD	SB-7-10-12	Total/NA	Solid	3050B	

Prep Batch: 632539

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
240-213619-1	SB-7-10-12	Total/NA	Solid	7471B	
240-213619-2	SB-7-16-18	Total/NA	Solid	7471B	
240-213619-3	SB-7-18-20	Total/NA	Solid	7471B	
240-213619-4	SB-DUP-5	Total/NA	Solid	7471B	
240-213619-5	SB-3-6-8	Total/NA	Solid	7471B	
240-213619-6	SB-3-10-12	Total/NA	Solid	7471B	
240-213619-7	SB-3-16-18	Total/NA	Solid	7471B	
240-213619-8	SB-DUP-6	Total/NA	Solid	7471B	
MB 240-632539/1-A	Method Blank	Total/NA	Solid	7471B	
LCS 240-632539/2-A	Lab Control Sample	Total/NA	Solid	7471B	
240-213619-1 MS	SB-7-10-12	Total/NA	Solid	7471B	
240-213619-1 MSD	SB-7-10-12	Total/NA	Solid	7471B	

Analysis Batch: 632782

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
240-213619-1	SB-7-10-12	Total/NA	Solid	7471B	632539
240-213619-2	SB-7-16-18	Total/NA	Solid	7471B	632539
240-213619-3	SB-7-18-20	Total/NA	Solid	7471B	632539
240-213619-4	SB-DUP-5	Total/NA	Solid	7471B	632539
240-213619-5	SB-3-6-8	Total/NA	Solid	7471B	632539
240-213619-6	SB-3-10-12	Total/NA	Solid	7471B	632539
240-213619-7	SB-3-16-18	Total/NA	Solid	7471B	632539
240-213619-8	SB-DUP-6	Total/NA	Solid	7471B	632539
MB 240-632539/1-A	Method Blank	Total/NA	Solid	7471B	632539
LCS 240-632539/2-A	Lab Control Sample	Total/NA	Solid	7471B	632539
240-213619-1 MS	SB-7-10-12	Total/NA	Solid	7471B	632539
240-213619-1 MSD	SB-7-10-12	Total/NA	Solid	7471B	632539

Analysis Batch: 632866

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
240-213619-1	SB-7-10-12	Total/NA	Solid	6010D	632537
240-213619-2	SB-7-16-18	Total/NA	Solid	6010D	632537
240-213619-3	SB-7-18-20	Total/NA	Solid	6010D	632537
240-213619-4	SB-DUP-5	Total/NA	Solid	6010D	632537
240-213619-5	SB-3-6-8	Total/NA	Solid	6010D	632537
240-213619-6	SB-3-10-12	Total/NA	Solid	6010D	632537

Metals (Continued)

Analysis Batch: 632866 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
240-213619-7	SB-3-16-18	Total/NA	Solid	6010D	632537
240-213619-8	SB-DUP-6	Total/NA	Solid	6010D	632537
MB 240-632537/1-A	Method Blank	Total/NA	Solid	6010D	632537
LCS 240-632537/2-A	Lab Control Sample	Total/NA	Solid	6010D	632537
240-213619-1 MS	SB-7-10-12	Total/NA	Solid	6010D	632537
240-213619-1 MSD	SB-7-10-12	Total/NA	Solid	6010D	632537

General Chemistry

Leach Batch: 569441

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
240-213619-1	SB-7-10-12	ASTM Leach	Solid	D3987-85	
240-213619-2	SB-7-16-18	ASTM Leach	Solid	D3987-85	
240-213619-3	SB-7-18-20	ASTM Leach	Solid	D3987-85	
240-213619-4	SB-DUP-5	ASTM Leach	Solid	D3987-85	
240-213619-5	SB-3-6-8	ASTM Leach	Solid	D3987-85	
240-213619-6	SB-3-10-12	ASTM Leach	Solid	D3987-85	
240-213619-7	SB-3-16-18	ASTM Leach	Solid	D3987-85	
240-213619-8	SB-DUP-6	ASTM Leach	Solid	D3987-85	
240-213619-1 MS	SB-7-10-12	ASTM Leach	Solid	D3987-85	
240-213619-1 MSD	SB-7-10-12	ASTM Leach	Solid	D3987-85	

Prep Batch: 571493

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
240-213619-1	SB-7-10-12	Total/NA	Solid	3060A	
240-213619-2	SB-7-16-18	Total/NA	Solid	3060A	
240-213619-3	SB-7-18-20	Total/NA	Solid	3060A	
240-213619-4	SB-DUP-5	Total/NA	Solid	3060A	
240-213619-5	SB-3-6-8	Total/NA	Solid	3060A	
240-213619-6	SB-3-10-12	Total/NA	Solid	3060A	
240-213619-7	SB-3-16-18	Total/NA	Solid	3060A	
240-213619-8	SB-DUP-6	Total/NA	Solid	3060A	
MB 410-571493/1-A	Method Blank	Total/NA	Solid	3060A	
LCS 410-571493/2-A	Lab Control Sample	Total/NA	Solid	3060A	
LCSI 410-571493/3-A	Lab Control Sample	Total/NA	Solid	3060A	
240-213619-1 MSI	SB-7-10-12	Total/NA	Solid	3060A	
240-213619-1 MSS	SB-7-10-12	Total/NA	Solid	3060A	
240-213619-1 DU	SB-7-10-12	Total/NA	Solid	3060A	

Analysis Batch: 571713

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
240-213619-1	SB-7-10-12	Total/NA	Solid	7196A	571493
240-213619-2	SB-7-16-18	Total/NA	Solid	7196A	571493
240-213619-3	SB-7-18-20	Total/NA	Solid	7196A	571493
240-213619-4	SB-DUP-5	Total/NA	Solid	7196A	571493
240-213619-5	SB-3-6-8	Total/NA	Solid	7196A	571493
240-213619-6	SB-3-10-12	Total/NA	Solid	7196A	571493
240-213619-7	SB-3-16-18	Total/NA	Solid	7196A	571493
240-213619-8	SB-DUP-6	Total/NA	Solid	7196A	571493
MB 410-571493/1-A	Method Blank	Total/NA	Solid	7196A	571493
LCS 410-571493/2-A	Lab Control Sample	Total/NA	Solid	7196A	571493

General Chemistry (Continued)

Analysis Batch: 571713 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
LCSI 410-571493/3-A	Lab Control Sample	Total/NA	Solid	7196A	571493
240-213619-1 MSI	SB-7-10-12	Total/NA	Solid	7196A	571493
240-213619-1 MSS	SB-7-10-12	Total/NA	Solid	7196A	571493
240-213619-1 DU	SB-7-10-12	Total/NA	Solid	7196A	571493

Analysis Batch: 573350

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
240-213619-5	SB-3-6-8	ASTM Leach	Solid	OIA-1677	569441
240-213619-6	SB-3-10-12	ASTM Leach	Solid	OIA-1677	569441
240-213619-7	SB-3-16-18	ASTM Leach	Solid	OIA-1677	569441
240-213619-8	SB-DUP-6	ASTM Leach	Solid	OIA-1677	569441
MB 410-573350/17	Method Blank	Total/NA	Solid	OIA-1677	
MB 410-573350/33	Method Blank	Total/NA	Solid	OIA-1677	
LCS 410-573350/16	Lab Control Sample	Total/NA	Solid	OIA-1677	
LCS 410-573350/32	Lab Control Sample	Total/NA	Solid	OIA-1677	

Analysis Batch: 573369

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
240-213619-1	SB-7-10-12	ASTM Leach	Solid	OIA-1677	569441
240-213619-2	SB-7-16-18	ASTM Leach	Solid	OIA-1677	569441
240-213619-3	SB-7-18-20	ASTM Leach	Solid	OIA-1677	569441
240-213619-4	SB-DUP-5	ASTM Leach	Solid	OIA-1677	569441
MB 410-573369/17	Method Blank	Total/NA	Solid	OIA-1677	
LCS 410-573369/16	Lab Control Sample	Total/NA	Solid	OIA-1677	
240-213619-1 MS	SB-7-10-12	ASTM Leach	Solid	OIA-1677	569441
240-213619-1 MSD	SB-7-10-12	ASTM Leach	Solid	OIA-1677	569441

Analysis Batch: 632527

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
240-213619-1	SB-7-10-12	Total/NA	Solid	Moisture	
240-213619-2	SB-7-16-18	Total/NA	Solid	Moisture	
240-213619-3	SB-7-18-20	Total/NA	Solid	Moisture	
240-213619-4	SB-DUP-5	Total/NA	Solid	Moisture	
240-213619-5	SB-3-6-8	Total/NA	Solid	Moisture	
240-213619-6	SB-3-10-12	Total/NA	Solid	Moisture	
240-213619-7	SB-3-16-18	Total/NA	Solid	Moisture	
240-213619-8	SB-DUP-6	Total/NA	Solid	Moisture	
240-213619-1 DU	SB-7-10-12	Total/NA	Solid	Moisture	

Prep Batch: 633606

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
240-213619-1	SB-7-10-12	Total/NA	Solid	9012B	
240-213619-2	SB-7-16-18	Total/NA	Solid	9012B	
240-213619-3	SB-7-18-20	Total/NA	Solid	9012B	
240-213619-4	SB-DUP-5	Total/NA	Solid	9012B	
MB 240-633606/1-A	Method Blank	Total/NA	Solid	9012B	
LCS 240-633606/2-A	Lab Control Sample	Total/NA	Solid	9012B	
240-213619-1 MS	SB-7-10-12	Total/NA	Solid	9012B	
240-213619-1 MSD	SB-7-10-12	Total/NA	Solid	9012B	

General Chemistry

Analysis Batch: 633808

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
240-213619-1	SB-7-10-12	Total/NA	Solid	9012B	633606
240-213619-2	SB-7-16-18	Total/NA	Solid	9012B	633606
240-213619-3	SB-7-18-20	Total/NA	Solid	9012B	633606
240-213619-4	SB-DUP-5	Total/NA	Solid	9012B	633606
MB 240-633606/1-A	Method Blank	Total/NA	Solid	9012B	633606
LCS 240-633606/2-A	Lab Control Sample	Total/NA	Solid	9012B	633606
240-213619-1 MS	SB-7-10-12	Total/NA	Solid	9012B	633606
240-213619-1 MSD	SB-7-10-12	Total/NA	Solid	9012B	633606

Prep Batch: 633870

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
240-213619-5	SB-3-6-8	Total/NA	Solid	9012B	
240-213619-6	SB-3-10-12	Total/NA	Solid	9012B	
240-213619-7	SB-3-16-18	Total/NA	Solid	9012B	
240-213619-8	SB-DUP-6	Total/NA	Solid	9012B	
MB 240-633870/1-A	Method Blank	Total/NA	Solid	9012B	
LCS 240-633870/2-A	Lab Control Sample	Total/NA	Solid	9012B	
240-213619-5 MS	SB-3-6-8	Total/NA	Solid	9012B	
240-213619-5 MSD	SB-3-6-8	Total/NA	Solid	9012B	

Analysis Batch: 633889

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
240-213619-5	SB-3-6-8	Total/NA	Solid	9012B	633870
240-213619-6	SB-3-10-12	Total/NA	Solid	9012B	633870
240-213619-7	SB-3-16-18	Total/NA	Solid	9012B	633870
240-213619-8	SB-DUP-6	Total/NA	Solid	9012B	633870
MB 240-633870/1-A	Method Blank	Total/NA	Solid	9012B	633870
LCS 240-633870/2-A	Lab Control Sample	Total/NA	Solid	9012B	633870
240-213619-5 MS	SB-3-6-8	Total/NA	Solid	9012B	633870
240-213619-5 MSD	SB-3-6-8	Total/NA	Solid	9012B	633870

Client Sample ID: SB-7-10-12 — **Lab Sample ID: 240-213619-1**
Date Collected: 10/22/24 09:22 — **Matrix: Solid**
Date Received: 10/23/24 16:10

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	Moisture		1	632527	C5SV	EET CLE	10/25/24 12:20
ASTM Leach	Leach	D3987-85			569441	UNWS	ELLE	10/30/24 14:03 - 10/31/24 08:06 [1]
ASTM Leach	Analysis	OIA-1677		1	573369	UJE2	ELLE	11/10/24 15:42

Client Sample ID: SB-7-10-12 — **Lab Sample ID: 240-213619-1**
Date Collected: 10/22/24 09:22 — **Matrix: Solid**
Date Received: 10/23/24 16:10 — **Percent Solids: 85.2**

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5030C			633561	TJL2	EET CLE	11/01/24 11:52
Total/NA	Analysis	8260D		1	633439	TJL2	EET CLE	11/01/24 16:24
Total/NA	Prep	3546			632663	L6TL	EET CLE	10/28/24 08:13
Total/NA	Analysis	8270E		1	633048	LKG	EET CLE	10/30/24 11:52
Total/NA	Prep	3546			632889	L6TL	EET CLE	10/29/24 08:34
Total/NA	Analysis	8082A		1	633074	MBB	EET CLE	10/29/24 21:14
Total/NA	Prep	3050B			632537	DEE	EET CLE	10/25/24 15:00
Total/NA	Analysis	6010D		1	632866	RKT	EET CLE	10/28/24 14:03
Total/NA	Prep	7471B			632539	DEE	EET CLE	10/25/24 15:00
Total/NA	Analysis	7471B		1	632782	S4FJ	EET CLE	10/28/24 11:23
Total/NA	Prep	3060A			571493	W2JF	ELLE	11/05/24 11:16
Total/NA	Analysis	7196A		1	571713	UDS7	ELLE	11/05/24 22:06
Total/NA	Prep	9012B			633606	VH6H	EET CLE	11/01/24 15:14
Total/NA	Analysis	9012B		1	633808	VH6H	EET CLE	11/01/24 17:32

Client Sample ID: SB-7-16-18 — **Lab Sample ID: 240-213619-2**
Date Collected: 10/22/24 09:25 — **Matrix: Solid**
Date Received: 10/23/24 16:10

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	Moisture		1	632527	C5SV	EET CLE	10/25/24 12:20
ASTM Leach	Leach	D3987-85			569441	UNWS	ELLE	10/30/24 14:03 - 10/31/24 08:06 [1]
ASTM Leach	Analysis	OIA-1677		1	573369	UJE2	ELLE	11/10/24 16:14

Client Sample ID: SB-7-16-18 — **Lab Sample ID: 240-213619-2**
Date Collected: 10/22/24 09:25 — **Matrix: Solid**
Date Received: 10/23/24 16:10 — **Percent Solids: 87.9**

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5030C			633561	TJL2	EET CLE	11/01/24 11:52
Total/NA	Analysis	8260D		1	633439	TJL2	EET CLE	11/01/24 17:50
Total/NA	Prep	3546			632663	L6TL	EET CLE	10/28/24 08:13
Total/NA	Analysis	8270E		1	633048	LKG	EET CLE	10/30/24 13:04
Total/NA	Prep	3546			632889	L6TL	EET CLE	10/29/24 08:34
Total/NA	Analysis	8082A		1	633074	MBB	EET CLE	10/29/24 21:57

Lab Chronicle

Client: August Mack Environmental, Inc.
Job ID: 240-213619-1
Project/Site: MSC Canfield

Client Sample ID: SB-7-16-18
Lab Sample ID: 240-213619-2
Date Collected: 10/22/24 09:25
Matrix: Solid
Date Received: 10/23/24 16:10
Percent Solids: 87.9

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	3050B			632537	DEE	EET CLE	10/25/24 15:00
Total/NA	Analysis	6010D		1	632866	RKT	EET CLE	10/28/24 14:44
Total/NA	Prep	7471B			632539	DEE	EET CLE	10/25/24 15:00
Total/NA	Analysis	7471B		1	632782	S4FJ	EET CLE	10/28/24 11:28
Total/NA	Prep	3060A			571493	W2JF	ELLE	11/05/24 11:16
Total/NA	Analysis	7196A		1	571713	UDS7	ELLE	11/05/24 22:06
Total/NA	Prep	9012B			633606	VH6H	EET CLE	11/01/24 15:14
Total/NA	Analysis	9012B		1	633808	VH6H	EET CLE	11/01/24 17:37

Client Sample ID: SB-7-18-20
Lab Sample ID: 240-213619-3
Date Collected: 10/22/24 09:28
Matrix: Solid
Date Received: 10/23/24 16:10

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	Moisture		1	632527	C5SV	EET CLE	10/25/24 12:20
ASTM Leach	Leach	D3987-85			569441	UNWS	ELLE	10/30/24 14:03 - 10/31/24 08:06 [1]
ASTM Leach	Analysis	OIA-1677		1	573369	UJE2	ELLE	11/10/24 16:12

Client Sample ID: SB-7-18-20
Lab Sample ID: 240-213619-3
Date Collected: 10/22/24 09:28
Matrix: Solid
Date Received: 10/23/24 16:10
Percent Solids: 86.8

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5030C			633561	TJL2	EET CLE	11/01/24 11:52
Total/NA	Analysis	8260D		1	633439	TJL2	EET CLE	11/01/24 18:11
Total/NA	Prep	3546			632663	L6TL	EET CLE	10/28/24 08:13
Total/NA	Analysis	8270E		1	633048	LKG	EET CLE	10/30/24 13:28
Total/NA	Prep	3546			632889	L6TL	EET CLE	10/29/24 08:34
Total/NA	Analysis	8082A		1	633074	MBB	EET CLE	10/29/24 22:11
Total/NA	Prep	3050B			632537	DEE	EET CLE	10/25/24 15:00
Total/NA	Analysis	6010D		1	632866	RKT	EET CLE	10/28/24 14:49
Total/NA	Prep	7471B			632539	DEE	EET CLE	10/25/24 15:00
Total/NA	Analysis	7471B		1	632782	S4FJ	EET CLE	10/28/24 11:30
Total/NA	Prep	3060A			571493	W2JF	ELLE	11/05/24 11:16
Total/NA	Analysis	7196A		1	571713	UDS7	ELLE	11/05/24 22:06
Total/NA	Prep	9012B			633606	VH6H	EET CLE	11/01/24 15:14
Total/NA	Analysis	9012B		1	633808	VH6H	EET CLE	11/01/24 17:39

Client Sample ID: SB-DUP-5
Lab Sample ID: 240-213619-4
Date Collected: 10/22/24 00:00
Matrix: Solid
Date Received: 10/23/24 16:10

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	Moisture		1	632527	C5SV	EET CLE	10/25/24 12:20

Client Sample ID: SB-DUP-5

Lab Sample ID: 240-213619-4

Date Collected: 10/22/24 00:00

Matrix: Solid

Date Received: 10/23/24 16:10

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
ASTM Leach	Leach	D3987-85			569441	UNWS	ELLE	10/30/24 14:03 - 10/31/24 08:06 [1]
ASTM Leach	Analysis	OIA-1677		1	573369	UJE2	ELLE	11/10/24 15:57

Client Sample ID: SB-DUP-5

Lab Sample ID: 240-213619-4

Date Collected: 10/22/24 00:00

Matrix: Solid

Date Received: 10/23/24 16:10

Percent Solids: 88.4

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5030C			633561	TJL2	EET CLE	11/01/24 11:52
Total/NA	Analysis	8260D		1	633439	TJL2	EET CLE	11/01/24 18:32
Total/NA	Prep	3546			632663	L6TL	EET CLE	10/28/24 08:13
Total/NA	Analysis	8270E		1	633048	LKG	EET CLE	10/30/24 13:51
Total/NA	Prep	3546			632889	L6TL	EET CLE	10/29/24 08:34
Total/NA	Analysis	8082A		1	633074	MBB	EET CLE	10/29/24 22:25
Total/NA	Prep	3050B			632537	DEE	EET CLE	10/25/24 15:00
Total/NA	Analysis	6010D		1	632866	RKT	EET CLE	10/28/24 14:53
Total/NA	Prep	7471B			632539	DEE	EET CLE	10/25/24 15:00
Total/NA	Analysis	7471B		1	632782	S4FJ	EET CLE	10/28/24 11:32
Total/NA	Prep	3060A			571493	W2JF	ELLE	11/05/24 11:16
Total/NA	Analysis	7196A		1	571713	UDS7	ELLE	11/05/24 22:06
Total/NA	Prep	9012B			633606	VH6H	EET CLE	11/01/24 15:14
Total/NA	Analysis	9012B		1	633808	VH6H	EET CLE	11/01/24 17:41

Client Sample ID: SB-3-6-8

Lab Sample ID: 240-213619-5

Date Collected: 10/22/24 13:58

Matrix: Solid

Date Received: 10/23/24 16:10

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	Moisture		1	632527	C5SV	EET CLE	10/25/24 12:20
ASTM Leach	Leach	D3987-85			569441	UNWS	ELLE	10/30/24 14:03 - 10/31/24 08:06 [1]
ASTM Leach	Analysis	OIA-1677		1	573350	UJE2	ELLE	11/09/24 17:10

Client Sample ID: SB-3-6-8

Lab Sample ID: 240-213619-5

Date Collected: 10/22/24 13:58

Matrix: Solid

Date Received: 10/23/24 16:10

Percent Solids: 87.8

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5030C			633561	TJL2	EET CLE	11/01/24 11:52
Total/NA	Analysis	8260D		1	633439	TJL2	EET CLE	11/01/24 18:54
Total/NA	Prep	3546			632663	L6TL	EET CLE	10/28/24 08:13
Total/NA	Analysis	8270E		1	633048	LKG	EET CLE	10/30/24 14:15
Total/NA	Prep	3546			632889	L6TL	EET CLE	10/29/24 08:34
Total/NA	Analysis	8082A		1	633074	MBB	EET CLE	10/29/24 22:39
Total/NA	Prep	3050B			632537	DEE	EET CLE	10/25/24 15:00
Total/NA	Analysis	6010D		1	632866	RKT	EET CLE	10/28/24 14:57

Client Sample ID: SB-3-6-8

Lab Sample ID: 240-213619-5

Date Collected: 10/22/24 13:58

Matrix: Solid

Date Received: 10/23/24 16:10

Percent Solids: 87.8

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	7471B			632539	DEE	EET CLE	10/25/24 15:00
Total/NA	Analysis	7471B		1	632782	S4FJ	EET CLE	10/28/24 11:33
Total/NA	Prep	3060A			571493	W2JF	ELLE	11/05/24 11:16
Total/NA	Analysis	7196A		1	571713	UDS7	ELLE	11/05/24 22:06
Total/NA	Prep	9012B			633870	VH6H	EET CLE	11/04/24 14:48
Total/NA	Analysis	9012B		1	633889	VH6H	EET CLE	11/04/24 16:47

Client Sample ID: SB-3-10-12

Lab Sample ID: 240-213619-6

Date Collected: 10/22/24 14:00

Matrix: Solid

Date Received: 10/23/24 16:10

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	Moisture		1	632527	C5SV	EET CLE	10/25/24 12:20
ASTM Leach	Leach	D3987-85			569441	UNWS	ELLE	10/30/24 14:03 - 10/31/24 08:06 [1]
ASTM Leach	Analysis	OIA-1677		1	573350	UJE2	ELLE	11/09/24 16:35

Client Sample ID: SB-3-10-12

Lab Sample ID: 240-213619-6

Date Collected: 10/22/24 14:00

Matrix: Solid

Date Received: 10/23/24 16:10

Percent Solids: 88.1

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5030C			633561	TJL2	EET CLE	11/01/24 11:52
Total/NA	Analysis	8260D		1	633439	TJL2	EET CLE	11/01/24 19:15
Total/NA	Prep	3546			632663	L6TL	EET CLE	10/28/24 08:13
Total/NA	Analysis	8270E		1	633048	LKG	EET CLE	10/30/24 14:39
Total/NA	Prep	3546			632889	L6TL	EET CLE	10/29/24 08:34
Total/NA	Analysis	8082A		1	633074	MBB	EET CLE	10/29/24 22:54
Total/NA	Prep	3050B			632537	DEE	EET CLE	10/25/24 15:00
Total/NA	Analysis	6010D		1	632866	RKT	EET CLE	10/28/24 15:01
Total/NA	Prep	7471B			632539	DEE	EET CLE	10/25/24 15:00
Total/NA	Analysis	7471B		1	632782	S4FJ	EET CLE	10/28/24 11:35
Total/NA	Prep	3060A			571493	W2JF	ELLE	11/05/24 11:16
Total/NA	Analysis	7196A		1	571713	UDS7	ELLE	11/05/24 22:06
Total/NA	Prep	9012B			633870	VH6H	EET CLE	11/04/24 14:48
Total/NA	Analysis	9012B		1	633889	VH6H	EET CLE	11/04/24 16:52

Client Sample ID: SB-3-16-18

Lab Sample ID: 240-213619-7

Date Collected: 10/22/24 14:04

Matrix: Solid

Date Received: 10/23/24 16:10

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	Moisture		1	632527	C5SV	EET CLE	10/25/24 12:20
ASTM Leach	Leach	D3987-85			569441	UNWS	ELLE	10/30/24 14:03 - 10/31/24 08:06 [1]
ASTM Leach	Analysis	OIA-1677		1	573350	UJE2	ELLE	11/09/24 16:13

Lab Chronicle

Client: August Mack Environmental, Inc.
Project/Site: MSC Canfield

Job ID: 240-213619-1

Client Sample ID: SB-3-16-18

Lab Sample ID: 240-213619-7

Date Collected: 10/22/24 14:04
Matrix: Solid
Date Received: 10/23/24 16:10
Percent Solids: 86.4

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5030C			633561	TJL2	EET CLE	11/01/24 11:52
Total/NA	Analysis	8260D		1	633439	TJL2	EET CLE	11/01/24 19:37
Total/NA	Prep	3546			632663	L6TL	EET CLE	10/28/24 08:13
Total/NA	Analysis	8270E		1	633251	LKG	EET CLE	10/31/24 15:48
Total/NA	Prep	3546			632889	L6TL	EET CLE	10/29/24 08:34
Total/NA	Analysis	8082A		1	633074	MBB	EET CLE	10/29/24 23:08
Total/NA	Prep	3050B			632537	DEE	EET CLE	10/25/24 15:00
Total/NA	Analysis	6010D		1	632866	RKT	EET CLE	10/28/24 15:06
Total/NA	Prep	7471B			632539	DEE	EET CLE	10/25/24 15:00
Total/NA	Analysis	7471B		1	632782	S4FJ	EET CLE	10/28/24 11:37
Total/NA	Prep	3060A			571493	W2JF	ELLE	11/05/24 11:16
Total/NA	Analysis	7196A		1	571713	UDS7	ELLE	11/05/24 22:06
Total/NA	Prep	9012B			633870	VH6H	EET CLE	11/04/24 14:48
Total/NA	Analysis	9012B		1	633889	VH6H	EET CLE	11/04/24 16:54

Client Sample ID: SB-DUP-6

Lab Sample ID: 240-213619-8

Date Collected: 10/22/24 00:00
Matrix: Solid
Date Received: 10/23/24 16:10

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	Moisture		1	632527	C5SV	EET CLE	10/25/24 12:20
ASTM Leach	Leach	D3987-85			569441	UNWS	ELLE	10/30/24 14:03 - 10/31/24 08:06 [1]
ASTM Leach	Analysis	OIA-1677		1	573350	UJE2	ELLE	11/09/24 17:16

Client Sample ID: SB-DUP-6

Lab Sample ID: 240-213619-8

Date Collected: 10/22/24 00:00
Matrix: Solid
Date Received: 10/23/24 16:10
Percent Solids: 88.6

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5030C			633561	TJL2	EET CLE	11/01/24 11:52
Total/NA	Analysis	8260D		1	633439	TJL2	EET CLE	11/01/24 19:58
Total/NA	Prep	3546			632663	L6TL	EET CLE	10/28/24 08:13
Total/NA	Analysis	8270E		1	633251	LKG	EET CLE	10/31/24 16:13
Total/NA	Prep	3546			632889	L6TL	EET CLE	10/29/24 08:34
Total/NA	Analysis	8082A		1	633074	MBB	EET CLE	10/29/24 23:22
Total/NA	Prep	3050B			632537	DEE	EET CLE	10/25/24 15:00
Total/NA	Analysis	6010D		1	632866	RKT	EET CLE	10/28/24 15:10
Total/NA	Prep	7471B			632539	DEE	EET CLE	10/25/24 15:00
Total/NA	Analysis	7471B		1	632782	S4FJ	EET CLE	10/28/24 11:38
Total/NA	Prep	3060A			571493	W2JF	ELLE	11/05/24 11:16
Total/NA	Analysis	7196A		1	571713	UDS7	ELLE	11/05/24 22:06
Total/NA	Prep	9012B			633870	VH6H	EET CLE	11/04/24 14:48
Total/NA	Analysis	9012B		1	633889	VH6H	EET CLE	11/04/24 16:56

Lab Chronicle

Client: August Mack Environmental, Inc.
Job ID: 240-213619-1
Project/Site: MSC Canfield

Client Sample ID: TB-15-20241022
Lab Sample ID: 240-213619-9
Date Collected: 10/22/24 00:00
Matrix: Water
Date Received: 10/23/24 16:10

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260D		1	633483	LEE	EET CLE	11/01/24 17:45

[1] This procedure uses a method stipulated length of time for the process. Both start and end times are displayed.

Laboratory References:

EET CLE = Eurofins Cleveland, 180 S. Van Buren Avenue, Barberton, OH 44203, TEL (330)497-9396

ELLE = Eurofins Lancaster Laboratories Environment Testing, LLC, 2425 New Holland Pike, Lancaster, PA 17601, TEL (717)656-2300

Accreditation/Certification Summary

Client: August Mack Environmental, Inc.
Project/Site: MSC Canfield

Job ID: 240-213619-1

Laboratory: Eurofins Cleveland

All accreditations/certifications held by this laboratory are listed. Not all accreditations/certifications are applicable to this report.

Authority	Program	Identification Number	Expiration Date
California	State	2927	02-28-25
Connecticut	State	PH-0806	12-31-26
Georgia	State	4062	02-27-25
Illinois	NELAP	200004	08-31-25
Iowa	State	421	06-01-25
Kentucky (UST)	State	112225	02-27-25
Kentucky (WW)	State	KY98016	12-30-24
Minnesota	NELAP	039-999-348	12-31-24
New Hampshire	NELAP	225024	09-30-25
New Jersey	NELAP	OH001	07-03-25
New York	NELAP	10975	04-02-25
Ohio VAP	State	ORELAP 4062	02-27-25
Oregon	NELAP	4062	02-27-25
Pennsylvania	NELAP	68-00340	08-31-25
Texas	NELAP	T104704517-22-19	08-31-25
USDA	US Federal Programs	P330-18-00281	01-05-27
Virginia	NELAP	460175	09-14-25
West Virginia DEP	State	210	12-31-24

Laboratory: Eurofins Lancaster Laboratories Environment Testing, LLC

All accreditations/certifications held by this laboratory are listed. Not all accreditations/certifications are applicable to this report.

Authority	Program	Identification Number	Expiration Date
A2LA	Dept. of Defense ELAP	0001.01	11-30-26
A2LA	ISO/IEC 17025	0001.01	11-30-26
Alabama	State	43200	01-31-25
Alaska	State	PA00009	06-30-25
Alaska (UST)	State	17-027	02-28-25
Arizona	State	AZ0780	03-12-25
Arkansas DEQ	State	88-00660	08-09-25
California	State	2792	11-30-24
Colorado	State	PA00009	06-30-25
Connecticut	State	PH-0746	06-30-25
DE Haz. Subst. Cleanup Act (HSCA)	State	019-006 (PA cert)	01-31-25
Delaware (DW)	State	N/A	01-31-25
Florida	NELAP	E87997	06-30-25
Georgia (DW)	State	C048	01-31-25
Hawaii	State	N/A	01-31-25
Illinois	NELAP	200027	01-31-25
Iowa	State	361	03-01-26
Kansas	NELAP	E-10151	10-31-25
Kentucky (DW)	State	KY90088	12-31-24
Kentucky (UST)	State	0001.01	11-30-26
Kentucky (WW)	State	KY90088	12-31-24
Louisiana (All)	NELAP	02055	06-30-25
Maine	State	2019012	03-12-25
Maryland	State	100	06-30-25
Massachusetts	State	M-PA009	06-30-25
Michigan	State	9930	01-31-25
Minnesota	NELAP	042-999-487	12-31-24

Accreditation/Certification Summary

Client: August Mack Environmental, Inc.
Project/Site: MSC Canfield

Job ID: 240-213619-1

Laboratory: Eurofins Lancaster Laboratories Environment Testing, LLC (Continued)

All accreditations/certifications held by this laboratory are listed. Not all accreditations/certifications are applicable to this report.

Authority	Program	Identification Number	Expiration Date
Mississippi	State	023	01-31-25
Missouri	State	450	01-31-25
Montana (DW)	State	0098	01-01-25
Nebraska	State	NE-OS-32-17	01-31-25
New Hampshire	NELAP	2730	01-10-25
New Jersey	NELAP	PA011	06-30-25
New York	NELAP	10670	04-01-25
North Carolina (DW)	State	42705	07-31-25
North Carolina (WW/SW)	State	521	12-31-25
North Dakota	State	R-205	01-31-24 *
Oklahoma	NELAP	9804	08-31-24 *
Oregon	NELAP	PA200001	09-11-25
Pennsylvania	NELAP	36-00037	01-31-25
Quebec Ministry of Environment and Fight against Climate Change	PALA	507	09-16-29
Rhode Island	State	LAO00338	12-30-24
South Carolina	State	89002	01-31-25
Tennessee	State	02838	01-31-25
Texas	NELAP	T104704194-23-46	08-31-25
USDA	US Federal Programs	525-22-298-19481	10-25-25
Vermont	State	VT - 36037	10-28-25
Virginia	NELAP	460182	06-14-25
Washington	State	C457	04-11-25
West Virginia (DW)	State	9906 C	01-31-25
West Virginia DEP	State	055	07-31-25
Wyoming	State	8TMS-L	01-31-25
Wyoming (UST)	A2LA	0001.01	11-30-26

* Accreditation/Certification renewal pending - accreditation/certification considered valid.

Eurofins Cleveland
180 S. Van Buren Avenue
Barberton, OH 44203
Phone: 330-497-9396 Fax: 330-497-0772

Chain of Custody Record

eurofins | Environment Testing

Client Information	Sampler: Nathan Byrd	Lab PM: Kalis, Nicole A	Carrier Tracking No(s):	COC No: 240-125124-43640.1
Client Contact: Kain Lager-Lowe	Phone:	E-Mail: Nicole.Kalis@et.eurofinsus.com	State of Origin: OH	Page: Page 1 of 9
Company: August Mack Environmental, Inc.	PWSID:			Job #:
Address: 7830 North Central Drive, Suite B	Due Date Requested:			
City: Lewis Center	TAT Requested (days): Standard			
State, Zip: OH, 43035	Compliance Project: Δ Yes Δ No			
Phone: 740-548-1515(Tel)	PO #: 20240365			
Email: klagerlowe@augustmack.com	WO #:			
Project Name: MSC Canfield	Project #: 24033889			
Site:	SSOW#:			

Analysis Requested

Preservation Codes:
N - None
D - HNO3
A - HCL
B - NaOH
BO - NaOH/NaArsenite
Other:

Sample Identification	Sample Date	Sample Time	Sample Type (C=comp, G=grab)	Matrix (W=water, S=solid, O=waste/oil, BT=Tissue, A=Air)	Field Filtered Sample (Yes or No)	8082A_9043B_Moisture	6010D, 7471B; 8270E	8260D - VOC	7196A - Hex Chrom	1677_Free - Free Cyanide	8270E - SVOC	7196A - Diss - Hexavalent Chromium - Field Filter	6010D_7470A	8260D - VOC	8082A - PCB	7196A - Total Hex Chrom	9012B - Total Cyanide	1677_Free - Free Cyanide	Total Number of containers	Special Instructions/Note:
			Preservation Code:			N	N	N	N	N	N	N	D	A	N	N	B	BO		
SB-7-10-12	10/22/24	0922	G	Solid	N														18	
SB-7-16-18	10/22/24	0926	G	Solid															6	
SB-7-18-20	10/22/24	0928	G	Solid															6	
SB-DUP-5	10/22/24		G	Solid															6	
SB-3-6-8	10/22/24	1358	G	Solid															6	
SB-3-10-12	10/22/24	1400	G	Solid															6	
SB-3-16-18	10/22/24	1404	G	Solid															6	
SB-DUP-6	10/22/24		G	Solid															6	
TB-15-20241022	10/22/24		G	Water Solid															1	
				Solid																
				Solid																

240-213619 COC

Possible Hazard Identification
☐ Non-Hazard ☐ Flammable ☐ Skin Irritant ☐ Poison B ☐ Unknown ☐ Radiological

Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)
☐ Return To Client ☐ Disposal By Lab ☐ Archive For _____ Months

Deliverable Requested: I, II, III, IV, Other (specify)

Special Instructions/QC Requirements:

Empty Kit Relinquished by: | Date: | Time: | Method of Shipment:

Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company
Nathan Byrd	10/23/24 1437	AME		10/23/24 1440	EUR
	10-23-24 1610	EUR	JMOROSKO	10/23/24 1610	EETN

Custody Seals Intact: Δ Yes Δ No | Custody Seal No.:

Cooler Temperature(s) °C and Other Remarks:

Eurofins – Cleveland Sample Receipt Form/Narrative **Login # :** _____
Barberton Facility

Client August Mack Site Name _____ Cooler unpacked by: JMOROSKO

Cooler Received on 10/23/24 Opened on 10/24/24

FedEx. 1st Grd Exp UPS FAS Waypoint Client Drop Off Eurofins Courier Other _____

Receipt After-hours Drop-off Date/Time _____ Storage Location _____

Eurofins Cooler # EC Foam Box Client Cooler Box Other _____

Packing material used. Bubble Wrap Foam Plastic Bag None Other _____

COOLANT Wet Ice Blue Ice Dry Ice Water None

1 Cooler temperature upon receipt ☐ See Multiple Cooler Form

IR GUN # 17 (CF T01 °C) Observed Cooler Temp 5.2 °C Corrected Cooler Temp 5.3 °C

2. Were tamper/custody seals on the outside of the cooler(s)? If Yes Quantity_____	Yes (No)	**Tests that are not checked for pH by Receiving.**
-Were the seals on the outside of the cooler(s) signed & dated?	Yes No (NA)	**VOAs**
-Were tamper/custody seals on the bottle(s) or bottle kits (LLHg/MeHg)?	Yes (No)	**Oil and Grease**
-Were tamper/custody seals intact and uncompromised?	Yes No (NA)	**TOC**
3 Shippers' packing slip attached to the cooler(s)?	Yes (No)	
4. Did custody papers accompany the sample(s)?	(Yes) No	
5 Were the custody papers relinquished & signed in the appropriate place?	(Yes) No	
6 Was/were the person(s) who collected the samples clearly identified on the COC?	(Yes) No	
7 Did all bottles arrive in good condition (Unbroken)?	(Yes) No	
8 Could all bottle labels (ID/Date/Time) be reconciled with the COC?	(Yes) No	
9 For each sample, does the COC specify preservatives (Y/N), # of containers (Y/N), and sample type of grab/comp (Y/N)?	(Y) JM 10 24	
10 Were correct bottle(s) used for the test(s) indicated?	(Yes) No	
11 Sufficient quantity received to perform indicated analyses?	(Yes) No	
12. Are these work share samples and all listed on the COC?	Yes (No)	
If yes, Questions 13-17 have been checked at the originating laboratory		
13 Were all preserved sample(s) at the correct pH upon receipt?	Yes No (NA)	pH Strip Lot# HC447997
14. Were VOAs on the COC?	(Yes) No	
15 Were air bubbles >6 mm in any VOA vials? ● ← Larger than this	Yes (No) NA	
16. Was a VOA trip blank present in the cooler(s)? Trip Blank Lot # 0101601J	(Yes) No	
17 Was a LL Hg or Me Hg trip blank present? _____	Yes (No)	

Contacted PM _____ Date _____ by _____ via Verbal Voice Mail Other

Concerning _____

18. CHAIN OF CUSTODY & SAMPLE DISCREPANCIES ☐ additional next page | Samples processed by:

Received TB-16-20246623 not on COC JM

19. SAMPLE CONDITION

Sample(s) _____ were received after the recommended holding time had expired

Sample(s) _____ were received in a broken container

Sample(s) _____ were received with bubble >6 mm in diameter (Notify PM)

20. SAMPLE PRESERVATION

Sample(s) _____ were further preserved in the laboratory

Time preserved. _____ Preservative(s) added/Lot number(s). _____

VOA Sample Preservation - Date/Time VOAs Frozen. _____

10/24/2024

Login Container Summary Report

240-213619

11/10/2024

Temperature readings. _____

Client Sample ID	Lab ID	Container Type	Container pH	Container Temp	Preservation Added	Preservation Lot Number
SB-7-10-12	240-213619-A-1	SnapCap 1/2 ounce unpreserved				
SB-7-10-12	240-213619-A-1 DU	SnapCap 1/2 ounce unpreserved				
SB-7-10-12	240-213619-A-1 MS	Soil jar 2oz - clear glass				
SB-7-10-12	240-213619-A-1 MSD	Soil jar 2oz - clear glass				
SB-7-10-12	240-213619-A-1 MSI	Soil jar 4oz - clear glass				
SB-7-10-12	240-213619-A-1 MSS	Soil jar 4oz - clear glass				
SB-7-10-12	240-213619-B-1	Soil jar 2oz - clear glass				
SB-7-10-12	240-213619-B-1 DU	Soil jar 4oz - clear glass				
SB-7-10-12	240-213619-B-1 MS	Soil jar 4oz - clear glass				
SB-7-10-12	240-213619-B-1 MSD	Soil jar 4oz - clear glass				
SB-7-10-12	240-213619-C-1	Soil jar 4oz - clear glass				
SB-7-10-12	240-213619-C-1 MS	Soil jar 4oz - clear glass				
SB-7-10-12	240-213619-C-1 MSD	Soil jar 4oz - clear glass				
SB-7-10-12	240-213619-D-1	Soil jar 4oz - clear glass				
SB-7-10-12	240-213619-D-1 MS	Soil jar 4oz - clear glass				
SB-7-10-12	240-213619-D-1 MSD	Soil jar 4oz - clear glass				
SB-7-10-12	240-213619-E-1	Soil jar 4oz - clear glass				
SB-7-10-12	240-213619-E-1 MS	Soil jar 4oz - clear glass				
SB-7-10-12	240-213619-F-1	Soil jar 4oz - clear glass				
SB-7-10-12	240-213619-G-1	Soil jar 4oz - clear glass				
SB-7-16-18	240-213619-A-2	SnapCap 1/2 ounce unpreserved				
SB-7-16-18	240-213619-B-2	Soil jar 2oz - clear glass				
SB-7-16-18	240-213619-C-2	Soil jar 4oz - clear glass				
SB-7-16-18	240-213619-D-2	Soil jar 4oz - clear glass				
SB-7-16-18	240-213619-E-2	Soil jar 4oz - clear glass				
SB-7-16-18	240-213619-F-2	Soil jar 4oz - clear glass				
SB-7-16-18	240-213619-G-2	Soil jar 4oz - clear glass				
SB-7-18-20	240-213619-A-3	SnapCap 1/2 ounce unpreserved				
SB-7-18-20	240-213619-B-3	Soil jar 2oz - clear glass				
SB-7-18-20	240-213619-C-3	Soil jar 4oz - clear glass				
SB-7-18-20	240-213619-D-3	Soil jar 4oz - clear glass				
SB-7-18-20	240-213619-E-3	Soil jar 4oz - clear glass				
SB-7-18-20	240-213619-F-3	Soil jar 4oz - clear glass				

Client Sample ID	Lab ID	Container Type	Container pH	Container Temp	Preservation Added	Preservation Lot Number
SB-7-18-20	240-213619-G-3	Soil jar 4oz - clear glass				
SB-DUP-5	240-213619-A-4	SnapCap 1/2 ounce unpreserved				
SB-DUP-5	240-213619-B-4	Soil jar 2oz - clear glass				
SB-DUP-5	240-213619-C-4	Soil jar 4oz - clear glass				
SB-DUP-5	240-213619-D-4	Soil jar 4oz - clear glass				
SB-DUP-5	240-213619-E-4	Soil jar 4oz - clear glass				
SB-DUP-5	240-213619-F-4	Soil jar 4oz - clear glass				
SB-DUP-5	240-213619-G-4	Soil jar 4oz - clear glass				
SB-3-6-8	240-213619-A-5	SnapCap 1/2 ounce unpreserved				
SB-3-6-8	240-213619-B-5	Soil jar 2oz - clear glass				
SB-3-6-8	240-213619-C-5	Soil jar 4oz - clear glass				
SB-3-6-8	240-213619-D-5	Soil jar 4oz - clear glass				
SB-3-6-8	240-213619-E-5	Soil jar 4oz - clear glass				
SB-3-6-8	240-213619-F-5	Soil jar 4oz - clear glass				
SB-3-6-8	240-213619-G-5	Soil jar 4oz - clear glass				
SB-3-10-12	240-213619-A-6	SnapCap 1/2 ounce unpreserved				
SB-3-10-12	240-213619-B-6	Soil jar 2oz - clear glass				
SB-3-10-12	240-213619-C-6	Soil jar 4oz - clear glass				
SB-3-10-12	240-213619-D-6	Soil jar 4oz - clear glass				
SB-3-10-12	240-213619-E-6	Soil jar 4oz - clear glass				
SB-3-10-12	240-213619-F-6	Soil jar 4oz - clear glass				
SB-3-10-12	240-213619-G-6	Soil jar 4oz - clear glass				
SB-3-16-18	240-213619-A-7	SnapCap 1/2 ounce unpreserved				
SB-3-16-18	240-213619-B-7	Soil jar 2oz - clear glass				
SB-3-16-18	240-213619-C-7	Soil jar 4oz - clear glass				
SB-3-16-18	240-213619-D-7	Soil jar 4oz - clear glass				
SB-3-16-18	240-213619-E-7	Soil jar 4oz - clear glass				
SB-3-16-18	240-213619-F-7	Soil jar 4oz - clear glass				
SB-3-16-18	240-213619-G-7	Soil jar 4oz - clear glass				
SB-DUP-6	240-213619-A-8	SnapCap 1/2 ounce unpreserved				
SB-DUP-6	240-213619-B-8	Soil jar 2oz - clear glass				
SB-DUP-6	240-213619-C-8	Soil jar 4oz - clear glass				
SB-DUP-6	240-213619-D-8	Soil jar 4oz - clear glass				
SB-DUP-6	240-213619-E-8	Soil jar 4oz - clear glass				
SB-DUP-6	240-213619-F-8	Soil jar 4oz - clear glass				
SB-DUP-6	240-213619-G-8	Soil jar 4oz - clear glass				
TB-15-20241022	240-213619-A-9	Voa Vial 40ml - Hydrochloric Acid				
TB-16-20241023	240-213619-A-10	Voa Vial 40ml - Hydrochloric Acid				

Client Sample ID	Lab ID	Container Type	Container pH	Container Temp	Preservation Added	Preservation Lot Number

Eurofins Cleveland
180 S. Van Buren Avenue
Barberton, OH 44203
Phone: 330-497-9396 Fax: 330-497-0772

Chain of Custody Record

eurofins | Environment Testing

Client Information (Sub Contract Lab)	Sampler: N/A	Lab PM: Kalis, Nicole A	Carrier Tracking No(s): N/A	COC No: 240-192749.1
Client Contact: Shipping/Receiving	Phone: N/A	E-Mail: Nicole.Kalis@et.eurofinsus.com	State of Origin: Ohio	Page: Page 1 of 2
Company: Eurofins Lancaster Laboratories Environm		Accreditations Required (See note): N/A		Job #: 240-213619-1
Address: 2425 New Holland Pike, ,	Due Date Requested: 11/5/2024			Preservation Codes: -
City: Lancaster	TAT Requested (days): N/A			
State, Zip: PA, 17601				
Phone: 717-656-2300(Tel)	PO #: N/A			
Email: N/A	WO #: N/A			
Project Name: MSC Canfield	Project #: 24033889			
Site: N/A	SSOW#: N/A			Other: N/A

Sample Identification - Client ID (Lab ID)	Sample Date	Sample Time	Sample Type (C=comp, G=grab)	Matrix (W=water, S=solid, O=waste/oil, BT=Tissue, A=Air)	Field Filtered Sample (Yes or No)	Perform MS/MSD (Yes or No)	1677_Free/ASTM_LEACH_NP Cyanide, Free	7196A/3060A Chromium, Hexavalent	Total Number of containers	Special Instructions/Note:
			Preservation Code:							
SB-7-10-12 (240-213619-1)	10/22/24	09:22 Eastern	G	Solid			X	X	2	Use caution! Site contaminated with solvent waste
SB-7-10-12 (240-213619-1DU)	10/22/24	09:22 Eastern	G	Solid				X	1	Use caution! Site contaminated with solvent waste
SB-7-10-12 (240-213619-1MS)	10/22/24	09:22 Eastern	G	Solid			X		1	Use caution! Site contaminated with solvent waste
SB-7-10-12 (240-213619-1MSD)	10/22/24	09:22 Eastern	G	Solid			X		1	Use caution! Site contaminated with solvent waste
SB-7-10-12 (240-213619-1MSI)	10/22/24	09:22 Eastern	G	Solid				X	1	Use caution! Site contaminated with solvent waste
SB-7-10-12 (240-213619-1MSS)	10/22/24	09:22 Eastern	G	Solid				X	1	Use caution! Site contaminated with solvent waste
SB-7-16-18 (240-213619-2)	10/22/24	09:25 Eastern	G	Solid			X	X	2	Use caution! Site contaminated with solvent waste
SB-7-18-20 (240-213619-3)	10/22/24	09:28 Eastern	G	Solid			X	X	2	Use caution! Site contaminated with solvent waste
SB-DUP-5 (240-213619-4)	10/22/24	Eastern	G	Solid			X	X	2	Use caution! Site contaminated with solvent waste

Note: Since laboratory accreditations are subject to change, Eurofins Environment Testing North Central, LLC places the ownership of method, analyte & accreditation compliance upon our subcontract laboratories. This sample shipment is forwarded under chain-of-custody. If the laboratory does not currently maintain accreditation in the State of Origin listed above for analysis/tests/matrix being analyzed, the samples must be shipped back to the Eurofins Environment Testing North Central, LLC laboratory or other instructions will be provided. Any changes to accreditation status should be brought to Eurofins Environment Testing North Central, LLC attention immediately. If all requested accreditations are current to date, return the signed Chain of Custody attesting to said compliance to Eurofins Environment Testing North Central, LLC.

Possible Hazard Identification	*Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)*
Unconfirmed	☐ *Return To Client* ☐ *Disposal By Lab* ☐ *Archive For* _____ *Months*
Deliverable Requested: I, II, III, IV, Other (specify) Primary Deliverable Rank: 2	Special Instructions/QC Requirements:

Empty Kit Relinquished by:	Date:	Time:	Method of Shipment:

Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company
MALISSA LOAR	10.25.24				
Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company
Relinquished by:	Date/Time:	Company	Received by:	Date/Time: 10/26/24 10:10	Company ECLT

Custody Seals Intact: ∆ Yes ∆ No	Custody Seal No.:	Cooler Temperature(s) °C and Other Remarks: 0.1/0.2 0.9/1.0 0.8/0.9

Ver: 10/10/2024

Eurofins Cleveland
180 S. Van Buren Avenue
Barberton, OH 44203
Phone: 330-497-9396 Fax: 330-497-0772

Chain of Custody Record

eurofins | Environment Testing

Client Information (Sub Contract Lab)	Sampler: N/A	Lab PM: Kalis, Nicole A	Carrier Tracking No(s): N/A	COC No: 240-192749.2
Client Contact: Shipping/Receiving	Phone: N/A	E-Mail: Nicole.Kalis@et.eurofinsus.com	State of Origin: Ohio	Page: Page 2 of 2
Company: Eurofins Lancaster Laboratories Environm		Accreditations Required (See note): N/A		Job #: 240-213619-1
Address: 2425 New Holland Pike, ,	Due Date Requested: 11/5/2024			Preservation Codes: -
City: Lancaster	TAT Requested (days): N/A			
State, Zip: PA, 17601				
Phone: 717-656-2300(Tel)	PO #: N/A			
Email: N/A	WO #: N/A			
Project Name: MSC Canfield	Project #: 24033889			
Site: N/A	SSOW#: N/A			Other: N/A

Analysis Requested

Sample Identification - Client ID (Lab ID)	Sample Date	Sample Time	Sample Type (C=comp, G=grab)	Matrix (W=water, S=solid, O=waste/oil, BT=Tissue, A=Air)	Field Filtered Sample (Yes or No)	Perform MS/MSD (Yes or No)	1677_Free/ASTM_LEACH_NP Cyanide, Free	7196A/3060A Chromium, Hexavalent	Total Number of containers	Special Instructions/Note:
			Preservation Code:							
SB-3-6-8 (240-213619-5)	10/22/24	13:58 Eastern	G	Solid			X	X	2	Use caution! Site contaminated with solvent waste
SB-3-10-12 (240-213619-6)	10/22/24	14:00 Eastern	G	Solid			X	X	2	Use caution! Site contaminated with solvent waste
SB-3-16-18 (240-213619-7)	10/22/24	14:04 Eastern	G	Solid			X	X	2	Use caution! Site contaminated with solvent waste
SB-DUP-6 (240-213619-8)	10/22/24	Eastern	G	Solid			X	X	2	Use caution! Site contaminated with solvent waste

Note: Since laboratory accreditations are subject to change, Eurofins Environment Testing North Central, LLC places the ownership of method, analyte & accreditation compliance upon our subcontract laboratories. This sample shipment is forwarded under chain-of-custody. If the laboratory does not currently maintain accreditation in the State of Origin listed above for analysis/tests/matrix being analyzed, the samples must be shipped back to the Eurofins Environment Testing North Central, LLC laboratory or other instructions will be provided. Any changes to accreditation status should be brought to Eurofins Environment Testing North Central, LLC attention immediately. If all requested accreditations are current to date, return the signed Chain of Custody attesting to said compliance to Eurofins Environment Testing North Central, LLC.

Possible Hazard Identification	*Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)*
Unconfirmed	☐ *Return To Client* ☐ *Disposal By Lab* ☐ *Archive For* _____ *Months*
Deliverable Requested: I, II, III, IV, Other (specify) Primary Deliverable Rank: 2	Special Instructions/QC Requirements:

Empty Kit Relinquished by:	Date:	Time:	Method of Shipment:

Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company
Relinquished by: MALISSA LOAR	10-25-24				
Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company
Relinquished by:	Date/Time:	Company	Received by:	Date/Time: 10/26/24 10:10	Company ECLET

Custody Seals Intact: Δ Yes Δ No	Custody Seal No.:	Cooler Temperature(s) °C and Other Remarks: 0.1/0.2 0.9/1.0 0.8/0.9

Ver: 10/10/2024

Login Sample Receipt Checklist

Client: August Mack Environmental, Inc.

Job Number: 240-213619-1

Login Number: 213619
List Number: 2
Creator: McCaskey, Jonathan

List Source: Eurofins Lancaster Laboratories Environment Testing, LLC
List Creation: 10/26/24 12:06 PM

Question	Answer	Comment
The cooler's custody seal is intact.	N/A	
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	True	
Cooler Temperature acceptable,where thermal pres is required(</=6C, not frozen).	True	
Cooler Temperature is recorded.	True	
WV:Container Temp acceptable,where thermal pres is required (</=6C, not frozen).	N/A	
WV: Container Temperature is recorded.	N/A	
COC is present.	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information.	True	
There are no discrepancies between the containers received and the COC.	True	
Sample containers have legible labels.	True	
Containers are not broken or leaking.	True	
Sample collection date/times are provided.	True	
Appropriate sample containers are used.	True	
Sample bottles are completely filled.	True	
There is sufficient vol. for all requested analyses.	True	
Is the Field Sampler's name present on COC?	False	Received project as a subcontract.
Sample custody seals are intact.	N/A	
VOA sample vials do not have headspace >6mm in diameter (none, if from WV)?	N/A	

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ANALYTICAL REPORT

PREPARED FOR

Attn: Kain Lager-Lowe
August Mack Environmental, Inc.
7830 North Central Drive, Suite B
Lewis Center, Ohio 43035

Generated 11/7/2024 7:48:50 PM

JOB DESCRIPTION

MSC Canfield

JOB NUMBER

240-213689-1

Eurofins Cleveland
180 S. Van Buren Avenue
Barberton OH 44203

See page two for job notes and contact information.

my EOL

Job Notes

This report may not be reproduced except in full, and with written approval from the laboratory. The results relate only to the samples tested. For questions please contact the Project Manager at the e-mail address or telephone number listed on this page.

The test results in this report relate only to the samples as received by the laboratory and will meet all requirements of the methodology, with any exceptions noted. This report shall not be reproduced except in full, without the express written approval of the laboratory. All questions should be directed to the Eurofins Environment Testing North Central, LLC Project Manager.

Authorization



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11/7/2024 7:48:50 PM

Authorized for release by
Nicole Kalis, Project Manager I
Nicole.Kalis@et.eurofinsus.com
(330)497-9396

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Client: August Mack Environmental, Inc.
Job ID: 240-213689-1
Project/Site: MSC Canfield

Qualifiers

GC/MS VOA

Qualifier	Qualifier Description
F1	MS and/or MSD recovery exceeds control limits.

GC/MS Semi VOA

Qualifier	Qualifier Description
E	Result exceeded calibration range.
F1	MS and/or MSD recovery exceeds control limits.
J	Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.

Metals

Qualifier	Qualifier Description
J	Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.

General Chemistry

Qualifier	Qualifier Description
F1	MS and/or MSD recovery exceeds control limits.
J	Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.

Glossary

Abbreviation	These commonly used abbreviations may or may not be present in this report.
☼	Listed under the "D" column to designate that the result is reported on a dry weight basis
%R	Percent Recovery
CFL	Contains Free Liquid
CFU	Colony Forming Unit
CNF	Contains No Free Liquid
DER	Duplicate Error Ratio (normalized absolute difference)
Dil Fac	Dilution Factor
DL	Detection Limit (DoD/DOE)
DL, RA, RE, IN	Indicates a Dilution, Re-analysis, Re-extraction, or additional Initial metals/anion analysis of the sample
DLC	Decision Level Concentration (Radiochemistry)
EDL	Estimated Detection Limit (Dioxin)
LOD	Limit of Detection (DoD/DOE)
LOQ	Limit of Quantitation (DoD/DOE)
MCL	EPA recommended "Maximum Contaminant Level"
MDA	Minimum Detectable Activity (Radiochemistry)
MDC	Minimum Detectable Concentration (Radiochemistry)
MDL	Method Detection Limit
ML	Minimum Level (Dioxin)
MPN	Most Probable Number
MQL	Method Quantitation Limit
NC	Not Calculated
ND	Not Detected at the reporting limit (or MDL or EDL if shown)
NEG	Negative / Absent
POS	Positive / Present
PQL	Practical Quantitation Limit
PRES	Presumptive
QC	Quality Control
RER	Relative Error Ratio (Radiochemistry)
RL	Reporting Limit or Requested Limit (Radiochemistry)
RPD	Relative Percent Difference, a measure of the relative difference between two points
TEF	Toxicity Equivalent Factor (Dioxin)
TEQ	Toxicity Equivalent Quotient (Dioxin)
TNTC	Too Numerous To Count

Job ID: 240-213689-1 Eurofins Cleveland

Job Narrative
240-213689-1

Analytical test results meet all requirements of the associated regulatory program listed on the Accreditation/Certification Summary Page unless otherwise noted under the individual analysis. Data qualifiers and/or narrative comments are included to explain any exceptions, if applicable.

- Matrix QC may not be reported if insufficient sample is provided or site-specific QC samples were not submitted. In these situations, to demonstrate precision and accuracy at a batch level, a LCS/LCSD may be performed, unless otherwise specified in the method.
- Surrogate and/or isotope dilution analyte recoveries (if applicable) which are outside of the QC window are confirmed unless attributed to a dilution or otherwise noted in the narrative.

Regulated compliance samples (e.g. SDWA, NPDES) must comply with the associated agency requirements/permits.

Receipt
The samples were received on 10/24/2024 4:00 PM. Unless otherwise noted below, the samples arrived in good condition, and, where required, properly preserved and on ice. The temperatures of the 2 coolers at receipt time were 2.2°C and 5.8°C.

GC/MS VOA
Method 8260D: The continuing calibration verification (CCV) analyzed in batch 240-633658 was outside the method criteria for the following analyte(s): Bromomethane. A CCV standard at or below the reporting limit (RL) was analyzed with the affected samples and found to be acceptable. As indicated in the reference method, sample analysis may proceed; however, any detection for the affected analyte(s) is considered estimated.

No additional analytical or quality issues were noted, other than those described above or in the Definitions/ Glossary page.

GC/MS Semi VOA
Method 8270E: The LCS and MD/MSD associated with prep batch 240-632880 and samples SB-1-GW-18-28 (240-213689-1), SB-3-GW-18-28 (240-213689-2), SB-3-GW-18-28 (240-213689-2[MS]) and SB-3-GW-18-28 (240-213689-2[MSD]) had a recovery for the analyte 4-Nitroaniline in excess of the initial calibration curve. Because the results are biased high and the associated samples were ND for the analyte no corrective action was initiated.

Method 8270E: The continuing calibration verification (CCV) associated with batch 240-634091 recovered outside acceptance criteria, low biased, for 2,2-oxybis[1-chloropropane], Benzaldehyde and Bis(2-chloroethyl)ether. A reporting limit (RL) standard was analyzed, and the target analytes were detected. Since the associated samples were non-detect for the analytes, the data were reported. Samples SB-1-GW-18-28 (240-213689-1) and SB-3-GW-18-28 (240-213689-2) were impacted.

No additional analytical or quality issues were noted, other than those described above or in the Definitions/ Glossary page.

PCBs
Method 8082A: The following samples required a tetrabutylammonium sulfite (TBA) clean-up to reduce matrix interferences caused by sulfur: SB-1-GW-18-28 (240-213689-1).

No additional analytical or quality issues were noted, other than those described above or in the Definitions/ Glossary page.

Metals
No additional analytical or quality issues were noted, other than those described above or in the Definitions/ Glossary page.

General Chemistry
Method 1677_Free: The following sample was found to contain residual chlorine: SB-3-GW-18-28 (240-213689-2).

Method 7196A: The following sample was diluted due to the nature of the sample matrix: SB-1-GW-18-28 (240-213689-1). Elevated reporting limits (RLs) are provided.

Method 7196A: The following samples were diluted due to the nature of the sample matrix: SB-3-GW-18-28 (240-213689-2), SB-3-GW-18-28 (240-213689-2[MS]), SB-3-GW-18-28 (240-213689-2[MSD]), (240-213602-M-2), (240-213602-M-2 MS) and (240-213602-M-2 MSD). Elevated reporting limits (RLs) are provided.

Method 7196A - Dissolved: The following samples were diluted due to the nature of the sample matrix: SB-3-GW-18-28

Job ID: 240-213689-1 (Continued) Eurofins Cleveland

(240-213689-2), SB-3-GW-18-28 (240-213689-2[MS]), SB-3-GW-18-28 (240-213689-2[MSD]), (240-213602-M-2), (240-213602-M-2 MS) and (240-213602-M-2 MSD). Elevated reporting limits (RLs) are provided.

No additional analytical or quality issues were noted, other than those described above or in the Definitions/ Glossary page.

Method Summary

Client: August Mack Environmental, Inc.
Project/Site: MSC Canfield

Job ID: 240-213689-1

Method	Method Description	Protocol	Laboratory
8260D	Volatile Organic Compounds by GC/MS	SW846	EET CLE
8270E	Semivolatile Organic Compounds (GC/MS)	SW846	EET CLE
8082A	Polychlorinated Biphenyls (PCBs) by Gas Chromatography	SW846	EET CLE
6010D	Metals (ICP)	SW846	EET CLE
7470A	Mercury (CVAA)	SW846	EET CLE
7196A	Chromium, Hexavalent	SW846	EET CLE
9012B	Cyanide, Total andor Amenable	SW846	EET CLE
OIA-1677	Cyanide, Free (Flow Injection)	OI CORP	ELLE
3005A	Preparation, Total Recoverable or Dissolved Metals	SW846	EET CLE
3510C	Liquid-Liquid Extraction (Separatory Funnel)	SW846	EET CLE
3510C LVI	Liquid-Liquid Extraction (Separatory Funnel) LVI	SW846	EET CLE
5030C	Purge and Trap	SW846	EET CLE
7470A	Preparation, Mercury	SW846	EET CLE
9012B	Cyanide, Total and/or Amenable, Distillation	SW846	EET CLE

Protocol References:

OI CORP = OI Corporation Instrument Manual.

SW846 = "Test Methods For Evaluating Solid Waste, Physical/Chemical Methods", Third Edition, November 1986 And Its Updates.

Laboratory References:

EET CLE = Eurofins Cleveland, 180 S. Van Buren Avenue, Barberton, OH 44203, TEL (330)497-9396

ELLE = Eurofins Lancaster Laboratories Environment Testing, LLC, 2425 New Holland Pike, Lancaster, PA 17601, TEL (717)656-2300

Sample Summary

Client: August Mack Environmental, Inc.
Project/Site: MSC Canfield

Job ID: 240-213689-1

Lab Sample ID	Client Sample ID	Matrix	Collected	Received
240-213689-1	SB-1-GW-18-28	Water	10/24/24 08:52	10/24/24 16:00
240-213689-2	SB-3-GW-18-28	Water	10/24/24 11:30	10/24/24 16:00
240-213689-3	TB-1-20241024	Water	10/24/24 00:00	10/24/24 16:00
240-213689-4	TB-2-20241024	Water	10/24/24 00:00	10/24/24 16:00

Detection Summary

Client: August Mack Environmental, Inc.
Project/Site: MSC Canfield

Job ID: 240-213689-1

Client Sample ID: SB-1-GW-18-28 — Lab Sample ID: 240-213689-1

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Fluoranthene	0.25		0.20	0.16	ug/L	1		8270E	Total/NA
Phenanthrene	0.26		0.20	0.080	ug/L	1		8270E	Total/NA
Pyrene	0.18	J	0.20	0.083	ug/L	1		8270E	Total/NA
Arsenic	33		15	4.1	ug/L	1		6010D	Total Recoverable
Barium	55	J	200	1.3	ug/L	1		6010D	Total Recoverable
Chromium	5.4	J	10	0.76	ug/L	1		6010D	Total Recoverable
Copper	6.4	J	25	3.5	ug/L	1		6010D	Total Recoverable
Lead	4.5	J	10	2.8	ug/L	1		6010D	Total Recoverable
Arsenic	19		15	4.1	ug/L	1		6010D	Dissolved
Barium	83	J	200	1.3	ug/L	1		6010D	Dissolved
Chromium	7.6	J	10	0.76	ug/L	1		6010D	Dissolved
Copper	9.7	J	25	3.5	ug/L	1		6010D	Dissolved
Lead	7.3	J	10	2.8	ug/L	1		6010D	Dissolved
Zinc	30	J	50	23	ug/L	1		6010D	Dissolved
Chromium, hexavalent	0.15	J	0.20	0.070	mg/L	10		7196A	Total/NA

Client Sample ID: SB-3-GW-18-28 — Lab Sample ID: 240-213689-2

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Arsenic	22		15	4.1	ug/L	1		6010D	Total Recoverable
Barium	35	J	200	1.3	ug/L	1		6010D	Total Recoverable
Chromium	2.6	J	10	0.76	ug/L	1		6010D	Total Recoverable
Arsenic	21		15	4.1	ug/L	1		6010D	Dissolved
Barium	30	J	200	1.3	ug/L	1		6010D	Dissolved

Client Sample ID: TB-1-20241024 — Lab Sample ID: 240-213689-3

No Detections.

Client Sample ID: TB-2-20241024 — Lab Sample ID: 240-213689-4

No Detections.

This Detection Summary does not include radiochemical test results.

Client: August Mack Environmental, Inc.
Project/Site: MSC Canfield

Job ID: 240-213689-1

Client Sample ID: SB-1-GW-18-28
Date Collected: 10/24/24 08:52
Date Received: 10/24/24 16:00

Lab Sample ID: 240-213689-1
Matrix: Water

Method: SW846 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		1.0	0.48	ug/L			11/02/24 16:39	1
1,1,2,2-Tetrachloroethane	ND		1.0	0.60	ug/L			11/02/24 16:39	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		1.0	0.41	ug/L			11/02/24 16:39	1
1,1,2-Trichloroethane	ND		1.0	0.48	ug/L			11/02/24 16:39	1
1,1-Dichloroethane	ND		1.0	0.47	ug/L			11/02/24 16:39	1
1,1-Dichloroethene	ND		1.0	0.49	ug/L			11/02/24 16:39	1
1,2,4-Trichlorobenzene	ND		1.0	0.77	ug/L			11/02/24 16:39	1
1,2-Dibromo-3-Chloropropane	ND		2.0	0.91	ug/L			11/02/24 16:39	1
Ethylene Dibromide	ND		1.0	0.41	ug/L			11/02/24 16:39	1
1,2-Dichlorobenzene	ND		1.0	0.48	ug/L			11/02/24 16:39	1
1,2-Dichloroethane	ND		1.0	0.46	ug/L			11/02/24 16:39	1
1,2-Dichloropropane	ND		1.0	0.47	ug/L			11/02/24 16:39	1
1,3-Dichlorobenzene	ND		1.0	0.45	ug/L			11/02/24 16:39	1
1,4-Dichlorobenzene	ND		1.0	0.41	ug/L			11/02/24 16:39	1
2-Butanone (MEK)	ND		10	1.2	ug/L			11/02/24 16:39	1
2-Hexanone	ND		10	1.1	ug/L			11/02/24 16:39	1
4-Methyl-2-pentanone (MIBK)	ND		10	0.99	ug/L			11/02/24 16:39	1
Acetone	ND		10	5.4	ug/L			11/02/24 16:39	1
Benzene	ND		1.0	0.42	ug/L			11/02/24 16:39	1
Dichlorobromomethane	ND		1.0	0.38	ug/L			11/02/24 16:39	1
Bromoform	ND		1.0	0.76	ug/L			11/02/24 16:39	1
Bromomethane	ND		1.0	0.42	ug/L			11/02/24 16:39	1
Carbon disulfide	ND		1.0	0.59	ug/L			11/02/24 16:39	1
Carbon tetrachloride	ND		1.0	0.26	ug/L			11/02/24 16:39	1
Chlorobenzene	ND		1.0	0.38	ug/L			11/02/24 16:39	1
Chloroethane	ND		1.0	0.83	ug/L			11/02/24 16:39	1
Chloroform	ND		1.0	0.47	ug/L			11/02/24 16:39	1
Chloromethane	ND		1.0	0.63	ug/L			11/02/24 16:39	1
cis-1,2-Dichloroethene	ND		1.0	0.46	ug/L			11/02/24 16:39	1
cis-1,3-Dichloropropene	ND		1.0	0.61	ug/L			11/02/24 16:39	1
Cyclohexane	ND		1.0	0.48	ug/L			11/02/24 16:39	1
Chlorodibromomethane	ND		1.0	0.39	ug/L			11/02/24 16:39	1
Dichlorodifluoromethane	ND		1.0	0.35	ug/L			11/02/24 16:39	1
Ethylbenzene	ND		1.0	0.42	ug/L			11/02/24 16:39	1
Isopropylbenzene	ND		1.0	0.49	ug/L			11/02/24 16:39	1
Methyl acetate	ND		10	1.7	ug/L			11/02/24 16:39	1
Methyl tert-butyl ether	ND		1.0	0.47	ug/L			11/02/24 16:39	1
Methylcyclohexane	ND		1.0	0.33	ug/L			11/02/24 16:39	1
Methylene Chloride	ND		5.0	2.6	ug/L			11/02/24 16:39	1
Styrene	ND		1.0	0.45	ug/L			11/02/24 16:39	1
Tetrachloroethene	ND		1.0	0.44	ug/L			11/02/24 16:39	1
Toluene	ND		1.0	0.44	ug/L			11/02/24 16:39	1
trans-1,2-Dichloroethene	ND		1.0	0.51	ug/L			11/02/24 16:39	1
trans-1,3-Dichloropropene	ND		1.0	0.67	ug/L			11/02/24 16:39	1
Trichloroethene	ND		1.0	0.44	ug/L			11/02/24 16:39	1
Trichlorofluoromethane	ND		1.0	0.45	ug/L			11/02/24 16:39	1
Vinyl chloride	ND		1.0	0.45	ug/L			11/02/24 16:39	1
Xylenes, Total	ND		2.0	0.42	ug/L			11/02/24 16:39	1

Client Sample ID: SB-1-GW-18-28
Date Collected: 10/24/24 08:52
Date Received: 10/24/24 16:00

Lab Sample ID: 240-213689-1
Matrix: Water

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
Toluene-d8 (Surr)	*102*		*78 - 122*		*11/02/24 16:39*	*1*
Dibromofluoromethane (Surr)	*103*		*73 - 120*		*11/02/24 16:39*	*1*
4-Bromofluorobenzene (Surr)	*83*		*56 - 136*		*11/02/24 16:39*	*1*
1,2-Dichloroethane-d4 (Surr)	*108*		*62 - 137*		*11/02/24 16:39*	*1*

Method: SW846 8270E - Semivolatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1'-Biphenyl	ND		1.0	0.49	ug/L		10/29/24 08:12	11/06/24 14:19	1
bis (2-chloroisopropyl) ether	ND		1.0	0.24	ug/L		10/29/24 08:12	11/06/24 14:19	1
2,4,5-Trichlorophenol	ND		5.0	2.0	ug/L		10/29/24 08:12	11/06/24 14:19	1
2,4,6-Trichlorophenol	ND		5.0	1.8	ug/L		10/29/24 08:12	11/06/24 14:19	1
2,4-Dichlorophenol	ND		2.0	0.26	ug/L		10/29/24 08:12	11/06/24 14:19	1
2,4-Dimethylphenol	ND		2.0	0.25	ug/L		10/29/24 08:12	11/06/24 14:19	1
2,4-Dinitrophenol	ND		10	2.6	ug/L		10/29/24 08:12	11/06/24 14:19	1
2,4-Dinitrotoluene	ND		5.0	2.1	ug/L		10/29/24 08:12	11/06/24 14:19	1
2,6-Dinitrotoluene	ND		5.0	1.1	ug/L		10/29/24 08:12	11/06/24 14:19	1
2-Chloronaphthalene	ND		1.0	0.23	ug/L		10/29/24 08:12	11/06/24 14:19	1
2-Chlorophenol	ND		1.0	0.27	ug/L		10/29/24 08:12	11/06/24 14:19	1
2-Methylnaphthalene	ND		0.20	0.11	ug/L		10/29/24 08:12	11/06/24 14:19	1
2-Methylphenol	ND		1.0	0.21	ug/L		10/29/24 08:12	11/06/24 14:19	1
2-Nitroaniline	ND		2.0	0.51	ug/L		10/29/24 08:12	11/06/24 14:19	1
2-Nitrophenol	ND		2.0	0.56	ug/L		10/29/24 08:12	11/06/24 14:19	1
3,3'-Dichlorobenzidine	ND		5.0	1.2	ug/L		10/29/24 08:12	11/06/24 14:19	1
3-Nitroaniline	ND		2.0	0.57	ug/L		10/29/24 08:12	11/06/24 14:19	1
4,6-Dinitro-2-methylphenol	ND		5.0	2.8	ug/L		10/29/24 08:12	11/06/24 14:19	1
4-Bromophenyl phenyl ether	ND		2.0	0.50	ug/L		10/29/24 08:12	11/06/24 14:19	1
4-Chloro-3-methylphenol	ND		2.0	0.30	ug/L		10/29/24 08:12	11/06/24 14:19	1
4-Chloroaniline	ND		2.0	0.32	ug/L		10/29/24 08:12	11/06/24 14:19	1
4-Chlorophenyl phenyl ether	ND		2.0	0.55	ug/L		10/29/24 08:12	11/06/24 14:19	1
4-Nitroaniline	ND		2.0	0.33	ug/L		10/29/24 08:12	11/06/24 14:19	1
4-Nitrophenol	ND		10	2.2	ug/L		10/29/24 08:12	11/06/24 14:19	1
Acenaphthene	ND		0.20	0.17	ug/L		10/29/24 08:12	11/06/24 14:19	1
Acenaphthylene	ND		0.20	0.13	ug/L		10/29/24 08:12	11/06/24 14:19	1
Acetophenone	ND		1.0	0.37	ug/L		10/29/24 08:12	11/06/24 14:19	1
Anthracene	ND		0.20	0.14	ug/L		10/29/24 08:12	11/06/24 14:19	1
Atrazine	ND		2.0	0.95	ug/L		10/29/24 08:12	11/06/24 14:19	1
Benzaldehyde	ND		2.0	0.76	ug/L		10/29/24 08:12	11/06/24 14:19	1
Benzo[a]anthracene	ND		0.20	0.068	ug/L		10/29/24 08:12	11/06/24 14:19	1
Benzo[a]pyrene	ND		0.20	0.17	ug/L		10/29/24 08:12	11/06/24 14:19	1
Benzo[b]fluoranthene	ND		0.20	0.15	ug/L		10/29/24 08:12	11/06/24 14:19	1
Benzo[g,h,i]perylene	ND		0.20	0.18	ug/L		10/29/24 08:12	11/06/24 14:19	1
Benzo[k]fluoranthene	ND		0.20	0.14	ug/L		10/29/24 08:12	11/06/24 14:19	1
Bis(2-chloroethoxy)methane	ND		1.0	0.22	ug/L		10/29/24 08:12	11/06/24 14:19	1
Bis(2-chloroethyl)ether	ND		1.0	0.40	ug/L		10/29/24 08:12	11/06/24 14:19	1
Bis(2-ethylhexyl) phthalate	ND		5.0	2.2	ug/L		10/29/24 08:12	11/06/24 14:19	1
Butyl benzyl phthalate	ND		2.0	0.67	ug/L		10/29/24 08:12	11/06/24 14:19	1
Caprolactam	ND		5.0	3.8	ug/L		10/29/24 08:12	11/06/24 14:19	1
Carbazole	ND		1.0	0.49	ug/L		10/29/24 08:12	11/06/24 14:19	1
Chrysene	ND		0.20	0.066	ug/L		10/29/24 08:12	11/06/24 14:19	1
Dibenz(a,h)anthracene	ND		0.20	0.15	ug/L		10/29/24 08:12	11/06/24 14:19	1

Client Sample ID: SB-1-GW-18-28
Date Collected: 10/24/24 08:52
Date Received: 10/24/24 16:00

Lab Sample ID: 240-213689-1
Matrix: Water

Method: SW846 8270E - Semivolatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Dibenzofuran	ND		1.0	0.27	ug/L		10/29/24 08:12	11/06/24 14:19	1
Diethyl phthalate	ND		5.0	0.41	ug/L		10/29/24 08:12	11/06/24 14:19	1
Dimethyl phthalate	ND		2.0	0.52	ug/L		10/29/24 08:12	11/06/24 14:19	1
Di-n-butyl phthalate	ND		5.0	1.8	ug/L		10/29/24 08:12	11/06/24 14:19	1
Di-n-octyl phthalate	ND		2.0	0.82	ug/L		10/29/24 08:12	11/06/24 14:19	1
Fluoranthene	**0.25**		0.20	0.16	ug/L		10/29/24 08:12	11/06/24 14:19	1
Fluorene	ND		0.20	0.079	ug/L		10/29/24 08:12	11/06/24 14:19	1
Hexachlorobenzene	ND		0.20	0.16	ug/L		10/29/24 08:12	11/06/24 14:19	1
Hexachlorobutadiene	ND		1.0	0.54	ug/L		10/29/24 08:12	11/06/24 14:19	1
Hexachlorocyclopentadiene	ND		10	1.8	ug/L		10/29/24 08:12	11/06/24 14:19	1
Hexachloroethane	ND		1.0	0.40	ug/L		10/29/24 08:12	11/06/24 14:19	1
Indeno[1,2,3-cd]pyrene	ND		0.20	0.14	ug/L		10/29/24 08:12	11/06/24 14:19	1
Isophorone	ND		1.0	0.32	ug/L		10/29/24 08:12	11/06/24 14:19	1
N-Nitrosodi-n-propylamine	ND		1.0	0.25	ug/L		10/29/24 08:12	11/06/24 14:19	1
N-Nitrosodiphenylamine	ND		1.0	0.44	ug/L		10/29/24 08:12	11/06/24 14:19	1
Naphthalene	ND		0.20	0.11	ug/L		10/29/24 08:12	11/06/24 14:19	1
Nitrobenzene	ND		1.0	0.51	ug/L		10/29/24 08:12	11/06/24 14:19	1
Pentachlorophenol	ND		10	3.1	ug/L		10/29/24 08:12	11/06/24 14:19	1
Phenanthrene	**0.26**		0.20	0.080	ug/L		10/29/24 08:12	11/06/24 14:19	1
Phenol	ND		1.0	0.40	ug/L		10/29/24 08:12	11/06/24 14:19	1
Pyrene	**0.18**	**J**	0.20	0.083	ug/L		10/29/24 08:12	11/06/24 14:19	1
3 & 4 Methylphenol	ND		2.0	0.19	ug/L		10/29/24 08:12	11/06/24 14:19	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Terphenyl-d14 (Surr)	*75*		*43 - 136*	*10/29/24 08:12*	*11/06/24 14:19*	*1*
Phenol-d5 (Surr)	*88*		*10 - 120*	*10/29/24 08:12*	*11/06/24 14:19*	*1*
Nitrobenzene-d5 (Surr)	*78*		*40 - 120*	*10/29/24 08:12*	*11/06/24 14:19*	*1*
2-Fluorophenol (Surr)	*105*		*10 - 127*	*10/29/24 08:12*	*11/06/24 14:19*	*1*
2-Fluorobiphenyl (Surr)	*78*		*41 - 120*	*10/29/24 08:12*	*11/06/24 14:19*	*1*
2,4,6-Tribromophenol (Surr)	*89*		*23 - 127*	*10/29/24 08:12*	*11/06/24 14:19*	*1*

Method: SW846 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aroclor-1016	ND		0.095	0.053	ug/L		10/29/24 08:28	10/31/24 00:16	1
Aroclor-1221	ND		0.095	0.054	ug/L		10/29/24 08:28	10/31/24 00:16	1
Aroclor-1232	ND		0.095	0.070	ug/L		10/29/24 08:28	10/31/24 00:16	1
Aroclor-1242	ND		0.095	0.072	ug/L		10/29/24 08:28	10/31/24 00:16	1
Aroclor-1248	ND		0.095	0.048	ug/L		10/29/24 08:28	10/31/24 00:16	1
Aroclor-1254	ND		0.095	0.038	ug/L		10/29/24 08:28	10/31/24 00:16	1
Aroclor-1260	ND		0.095	0.044	ug/L		10/29/24 08:28	10/31/24 00:16	1
Aroclor-1262	ND		0.095	0.055	ug/L		10/29/24 08:28	10/31/24 00:16	1
Aroclor-1268	ND		0.095	0.059	ug/L		10/29/24 08:28	10/31/24 00:16	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Tetrachloro-m-xylene	*41*		*10 - 149*	*10/29/24 08:28*	*10/31/24 00:16*	*1*
DCB Decachlorobiphenyl	*15*		*10 - 174*	*10/29/24 08:28*	*10/31/24 00:16*	*1*

Method: SW846 6010D - Metals (ICP) - Total Recoverable

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	**33**		15	4.1	ug/L		10/29/24 14:00	10/31/24 02:56	1

Client Sample ID: SB-1-GW-18-28
Date Collected: 10/24/24 08:52
Date Received: 10/24/24 16:00

Lab Sample ID: 240-213689-1
Matrix: Water

Method: SW846 6010D - Metals (ICP) - Total Recoverable (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Barium	**55**	**J**	200	1.3	ug/L		10/29/24 14:00	10/31/24 02:56	1
Cadmium	ND		5.0	0.45	ug/L		10/29/24 14:00	10/31/24 02:56	1
Chromium	**5.4**	**J**	10	0.76	ug/L		10/29/24 14:00	10/31/24 02:56	1
Copper	**6.4**	**J**	25	3.5	ug/L		10/29/24 14:00	10/31/24 02:56	1
Lead	**4.5**	**J**	10	2.8	ug/L		10/29/24 14:00	10/31/24 02:56	1
Selenium	ND		20	6.0	ug/L		10/29/24 14:00	10/31/24 02:56	1
Silver	ND		10	1.4	ug/L		10/29/24 14:00	10/31/24 02:56	1
Zinc	ND		50	23	ug/L		10/29/24 14:00	10/31/24 02:56	1

Method: SW846 6010D - Metals (ICP) - Dissolved

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	**19**		15	4.1	ug/L		10/29/24 14:00	10/31/24 03:00	1
Barium	**83**	**J**	200	1.3	ug/L		10/29/24 14:00	10/31/24 03:00	1
Cadmium	ND		5.0	0.45	ug/L		10/29/24 14:00	10/31/24 03:00	1
Chromium	**7.6**	**J**	10	0.76	ug/L		10/29/24 14:00	10/31/24 03:00	1
Copper	**9.7**	**J**	25	3.5	ug/L		10/29/24 14:00	10/31/24 03:00	1
Lead	**7.3**	**J**	10	2.8	ug/L		10/29/24 14:00	10/31/24 03:00	1
Selenium	ND		20	6.0	ug/L		10/29/24 14:00	10/31/24 03:00	1
Silver	ND		10	1.4	ug/L		10/29/24 14:00	10/31/24 03:00	1
Zinc	**30**	**J**	50	23	ug/L		10/29/24 14:00	10/31/24 03:00	1

Method: SW846 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	ND		0.20	0.13	ug/L		10/29/24 14:00	10/30/24 13:47	1

Method: SW846 7470A - Mercury (CVAA) - Dissolved

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	ND		0.20	0.13	ug/L		10/29/24 14:00	10/30/24 13:52	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chromium, hexavalent (SW846 7196A)	**0.15**	**J**	0.20	0.070	mg/L			10/24/24 16:44	10
Cyanide, Total (SW846 9012B)	ND		0.010	0.0060	mg/L		11/04/24 14:01	11/04/24 15:32	1
Cyanide, Free (OI CORP OIA-1677)	ND		0.0060	0.0050	mg/L			11/05/24 12:53	1

General Chemistry - Dissolved

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chromium, hexavalent (SW846 7196A)	ND		0.020	0.0070	mg/L			10/24/24 16:44	1

Client: August Mack Environmental, Inc.
Project/Site: MSC Canfield

Job ID: 240-213689-1

Client Sample ID: SB-3-GW-18-28
Date Collected: 10/24/24 11:30
Date Received: 10/24/24 16:00

Lab Sample ID: 240-213689-2
Matrix: Water

Method: SW846 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		1.0	0.48	ug/L			11/02/24 17:05	1
1,1,2,2-Tetrachloroethane	ND		1.0	0.60	ug/L			11/02/24 17:05	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		1.0	0.41	ug/L			11/02/24 17:05	1
1,1,2-Trichloroethane	ND		1.0	0.48	ug/L			11/02/24 17:05	1
1,1-Dichloroethane	ND		1.0	0.47	ug/L			11/02/24 17:05	1
1,1-Dichloroethene	ND		1.0	0.49	ug/L			11/02/24 17:05	1
1,2,4-Trichlorobenzene	ND		1.0	0.77	ug/L			11/02/24 17:05	1
1,2-Dibromo-3-Chloropropane	ND		2.0	0.91	ug/L			11/02/24 17:05	1
Ethylene Dibromide	ND		1.0	0.41	ug/L			11/02/24 17:05	1
1,2-Dichlorobenzene	ND		1.0	0.48	ug/L			11/02/24 17:05	1
1,2-Dichloroethane	ND		1.0	0.46	ug/L			11/02/24 17:05	1
1,2-Dichloropropane	ND		1.0	0.47	ug/L			11/02/24 17:05	1
1,3-Dichlorobenzene	ND	F1	1.0	0.45	ug/L			11/02/24 17:05	1
1,4-Dichlorobenzene	ND	F1	1.0	0.41	ug/L			11/02/24 17:05	1
2-Butanone (MEK)	ND		10	1.2	ug/L			11/02/24 17:05	1
2-Hexanone	ND		10	1.1	ug/L			11/02/24 17:05	1
4-Methyl-2-pentanone (MIBK)	ND		10	0.99	ug/L			11/02/24 17:05	1
Acetone	ND		10	5.4	ug/L			11/02/24 17:05	1
Benzene	ND		1.0	0.42	ug/L			11/02/24 17:05	1
Dichlorobromomethane	ND		1.0	0.38	ug/L			11/02/24 17:05	1
Bromoform	ND		1.0	0.76	ug/L			11/02/24 17:05	1
Bromomethane	ND		1.0	0.42	ug/L			11/02/24 17:05	1
Carbon disulfide	ND		1.0	0.59	ug/L			11/02/24 17:05	1
Carbon tetrachloride	ND		1.0	0.26	ug/L			11/02/24 17:05	1
Chlorobenzene	ND		1.0	0.38	ug/L			11/02/24 17:05	1
Chloroethane	ND		1.0	0.83	ug/L			11/02/24 17:05	1
Chloroform	ND		1.0	0.47	ug/L			11/02/24 17:05	1
Chloromethane	ND		1.0	0.63	ug/L			11/02/24 17:05	1
cis-1,2-Dichloroethene	ND		1.0	0.46	ug/L			11/02/24 17:05	1
cis-1,3-Dichloropropene	ND		1.0	0.61	ug/L			11/02/24 17:05	1
Cyclohexane	ND		1.0	0.48	ug/L			11/02/24 17:05	1
Chlorodibromomethane	ND		1.0	0.39	ug/L			11/02/24 17:05	1
Dichlorodifluoromethane	ND		1.0	0.35	ug/L			11/02/24 17:05	1
Ethylbenzene	ND		1.0	0.42	ug/L			11/02/24 17:05	1
Isopropylbenzene	ND		1.0	0.49	ug/L			11/02/24 17:05	1
Methyl acetate	ND		10	1.7	ug/L			11/02/24 17:05	1
Methyl tert-butyl ether	ND		1.0	0.47	ug/L			11/02/24 17:05	1
Methylcyclohexane	ND		1.0	0.33	ug/L			11/02/24 17:05	1
Methylene Chloride	ND		5.0	2.6	ug/L			11/02/24 17:05	1
Styrene	ND		1.0	0.45	ug/L			11/02/24 17:05	1
Tetrachloroethene	ND		1.0	0.44	ug/L			11/02/24 17:05	1
Toluene	ND		1.0	0.44	ug/L			11/02/24 17:05	1
trans-1,2-Dichloroethene	ND		1.0	0.51	ug/L			11/02/24 17:05	1
trans-1,3-Dichloropropene	ND		1.0	0.67	ug/L			11/02/24 17:05	1
Trichloroethene	ND		1.0	0.44	ug/L			11/02/24 17:05	1
Trichlorofluoromethane	ND		1.0	0.45	ug/L			11/02/24 17:05	1
Vinyl chloride	ND		1.0	0.45	ug/L			11/02/24 17:05	1
Xylenes, Total	ND		2.0	0.42	ug/L			11/02/24 17:05	1

Client Sample ID: SB-3-GW-18-28
Date Collected: 10/24/24 11:30
Date Received: 10/24/24 16:00

Lab Sample ID: 240-213689-2
Matrix: Water

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
Toluene-d8 (Surr)	*99*		*78 - 122*		*11/02/24 17:05*	*1*
Dibromofluoromethane (Surr)	*103*		*73 - 120*		*11/02/24 17:05*	*1*
4-Bromofluorobenzene (Surr)	*80*		*56 - 136*		*11/02/24 17:05*	*1*
1,2-Dichloroethane-d4 (Surr)	*106*		*62 - 137*		*11/02/24 17:05*	*1*

Method: SW846 8270E - Semivolatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1'-Biphenyl	ND		1.0	0.49	ug/L		10/29/24 08:12	11/06/24 14:42	1
bis (2-chloroisopropyl) ether	ND		1.0	0.24	ug/L		10/29/24 08:12	11/06/24 14:42	1
2,4,5-Trichlorophenol	ND		5.0	2.0	ug/L		10/29/24 08:12	11/06/24 14:42	1
2,4,6-Trichlorophenol	ND		5.0	1.8	ug/L		10/29/24 08:12	11/06/24 14:42	1
2,4-Dichlorophenol	ND		2.0	0.26	ug/L		10/29/24 08:12	11/06/24 14:42	1
2,4-Dimethylphenol	ND		2.0	0.25	ug/L		10/29/24 08:12	11/06/24 14:42	1
2,4-Dinitrophenol	ND		10	2.6	ug/L		10/29/24 08:12	11/06/24 14:42	1
2,4-Dinitrotoluene	ND		5.0	2.1	ug/L		10/29/24 08:12	11/06/24 14:42	1
2,6-Dinitrotoluene	ND		5.0	1.1	ug/L		10/29/24 08:12	11/06/24 14:42	1
2-Chloronaphthalene	ND		1.0	0.23	ug/L		10/29/24 08:12	11/06/24 14:42	1
2-Chlorophenol	ND		1.0	0.27	ug/L		10/29/24 08:12	11/06/24 14:42	1
2-Methylnaphthalene	ND		0.20	0.11	ug/L		10/29/24 08:12	11/06/24 14:42	1
2-Methylphenol	ND		1.0	0.21	ug/L		10/29/24 08:12	11/06/24 14:42	1
2-Nitroaniline	ND		2.0	0.51	ug/L		10/29/24 08:12	11/06/24 14:42	1
2-Nitrophenol	ND		2.0	0.56	ug/L		10/29/24 08:12	11/06/24 14:42	1
3,3'-Dichlorobenzidine	ND		5.0	1.2	ug/L		10/29/24 08:12	11/06/24 14:42	1
3-Nitroaniline	ND		2.0	0.57	ug/L		10/29/24 08:12	11/06/24 14:42	1
4,6-Dinitro-2-methylphenol	ND		5.0	2.8	ug/L		10/29/24 08:12	11/06/24 14:42	1
4-Bromophenyl phenyl ether	ND		2.0	0.50	ug/L		10/29/24 08:12	11/06/24 14:42	1
4-Chloro-3-methylphenol	ND		2.0	0.30	ug/L		10/29/24 08:12	11/06/24 14:42	1
4-Chloroaniline	ND		2.0	0.32	ug/L		10/29/24 08:12	11/06/24 14:42	1
4-Chlorophenyl phenyl ether	ND		2.0	0.55	ug/L		10/29/24 08:12	11/06/24 14:42	1
4-Nitroaniline	ND	F1	2.0	0.33	ug/L		10/29/24 08:12	11/06/24 14:42	1
4-Nitrophenol	ND		10	2.2	ug/L		10/29/24 08:12	11/06/24 14:42	1
Acenaphthene	ND		0.20	0.17	ug/L		10/29/24 08:12	11/06/24 14:42	1
Acenaphthylene	ND		0.20	0.13	ug/L		10/29/24 08:12	11/06/24 14:42	1
Acetophenone	ND		1.0	0.37	ug/L		10/29/24 08:12	11/06/24 14:42	1
Anthracene	ND		0.20	0.14	ug/L		10/29/24 08:12	11/06/24 14:42	1
Atrazine	ND		2.0	0.95	ug/L		10/29/24 08:12	11/06/24 14:42	1
Benzaldehyde	ND		2.0	0.76	ug/L		10/29/24 08:12	11/06/24 14:42	1
Benzo[a]anthracene	ND		0.20	0.068	ug/L		10/29/24 08:12	11/06/24 14:42	1
Benzo[a]pyrene	ND		0.20	0.17	ug/L		10/29/24 08:12	11/06/24 14:42	1
Benzo[b]fluoranthene	ND		0.20	0.15	ug/L		10/29/24 08:12	11/06/24 14:42	1
Benzo[g,h,i]perylene	ND		0.20	0.18	ug/L		10/29/24 08:12	11/06/24 14:42	1
Benzo[k]fluoranthene	ND		0.20	0.14	ug/L		10/29/24 08:12	11/06/24 14:42	1
Bis(2-chloroethoxy)methane	ND		1.0	0.22	ug/L		10/29/24 08:12	11/06/24 14:42	1
Bis(2-chloroethyl)ether	ND		1.0	0.40	ug/L		10/29/24 08:12	11/06/24 14:42	1
Bis(2-ethylhexyl) phthalate	ND		5.0	2.2	ug/L		10/29/24 08:12	11/06/24 14:42	1
Butyl benzyl phthalate	ND		2.0	0.67	ug/L		10/29/24 08:12	11/06/24 14:42	1
Caprolactam	ND		5.0	3.8	ug/L		10/29/24 08:12	11/06/24 14:42	1
Carbazole	ND		1.0	0.49	ug/L		10/29/24 08:12	11/06/24 14:42	1
Chrysene	ND		0.20	0.066	ug/L		10/29/24 08:12	11/06/24 14:42	1
Dibenz(a,h)anthracene	ND		0.20	0.15	ug/L		10/29/24 08:12	11/06/24 14:42	1

Client Sample ID: SB-3-GW-18-28
Date Collected: 10/24/24 11:30
Date Received: 10/24/24 16:00

Lab Sample ID: 240-213689-2
Matrix: Water

Method: SW846 8270E - Semivolatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Dibenzofuran	ND		1.0	0.27	ug/L		10/29/24 08:12	11/06/24 14:42	1
Diethyl phthalate	ND		5.0	0.41	ug/L		10/29/24 08:12	11/06/24 14:42	1
Dimethyl phthalate	ND		2.0	0.52	ug/L		10/29/24 08:12	11/06/24 14:42	1
Di-n-butyl phthalate	ND		5.0	1.8	ug/L		10/29/24 08:12	11/06/24 14:42	1
Di-n-octyl phthalate	ND		2.0	0.82	ug/L		10/29/24 08:12	11/06/24 14:42	1
Fluoranthene	ND		0.20	0.16	ug/L		10/29/24 08:12	11/06/24 14:42	1
Fluorene	ND		0.20	0.079	ug/L		10/29/24 08:12	11/06/24 14:42	1
Hexachlorobenzene	ND		0.20	0.16	ug/L		10/29/24 08:12	11/06/24 14:42	1
Hexachlorobutadiene	ND		1.0	0.54	ug/L		10/29/24 08:12	11/06/24 14:42	1
Hexachlorocyclopentadiene	ND		10	1.8	ug/L		10/29/24 08:12	11/06/24 14:42	1
Hexachloroethane	ND		1.0	0.40	ug/L		10/29/24 08:12	11/06/24 14:42	1
Indeno[1,2,3-cd]pyrene	ND		0.20	0.14	ug/L		10/29/24 08:12	11/06/24 14:42	1
Isophorone	ND		1.0	0.32	ug/L		10/29/24 08:12	11/06/24 14:42	1
N-Nitrosodi-n-propylamine	ND		1.0	0.25	ug/L		10/29/24 08:12	11/06/24 14:42	1
N-Nitrosodiphenylamine	ND		1.0	0.44	ug/L		10/29/24 08:12	11/06/24 14:42	1
Naphthalene	ND		0.20	0.11	ug/L		10/29/24 08:12	11/06/24 14:42	1
Nitrobenzene	ND		1.0	0.51	ug/L		10/29/24 08:12	11/06/24 14:42	1
Pentachlorophenol	ND		10	3.1	ug/L		10/29/24 08:12	11/06/24 14:42	1
Phenanthrene	ND		0.20	0.080	ug/L		10/29/24 08:12	11/06/24 14:42	1
Phenol	ND		1.0	0.40	ug/L		10/29/24 08:12	11/06/24 14:42	1
Pyrene	ND		0.20	0.083	ug/L		10/29/24 08:12	11/06/24 14:42	1
3 & 4 Methylphenol	ND		2.0	0.19	ug/L		10/29/24 08:12	11/06/24 14:42	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Terphenyl-d14 (Surr)	*83*		*43 - 136*	*10/29/24 08:12*	*11/06/24 14:42*	*1*
Phenol-d5 (Surr)	*67*		*10 - 120*	*10/29/24 08:12*	*11/06/24 14:42*	*1*
Nitrobenzene-d5 (Surr)	*75*		*40 - 120*	*10/29/24 08:12*	*11/06/24 14:42*	*1*
2-Fluorophenol (Surr)	*98*		*10 - 127*	*10/29/24 08:12*	*11/06/24 14:42*	*1*
2-Fluorobiphenyl (Surr)	*75*		*41 - 120*	*10/29/24 08:12*	*11/06/24 14:42*	*1*
2,4,6-Tribromophenol (Surr)	*85*		*23 - 127*	*10/29/24 08:12*	*11/06/24 14:42*	*1*

Method: SW846 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aroclor-1016	ND		0.097	0.054	ug/L		10/29/24 08:28	10/31/24 00:27	1
Aroclor-1221	ND		0.097	0.055	ug/L		10/29/24 08:28	10/31/24 00:27	1
Aroclor-1232	ND		0.097	0.072	ug/L		10/29/24 08:28	10/31/24 00:27	1
Aroclor-1242	ND		0.097	0.074	ug/L		10/29/24 08:28	10/31/24 00:27	1
Aroclor-1248	ND		0.097	0.049	ug/L		10/29/24 08:28	10/31/24 00:27	1
Aroclor-1254	ND		0.097	0.039	ug/L		10/29/24 08:28	10/31/24 00:27	1
Aroclor-1260	ND		0.097	0.045	ug/L		10/29/24 08:28	10/31/24 00:27	1
Aroclor-1262	ND		0.097	0.056	ug/L		10/29/24 08:28	10/31/24 00:27	1
Aroclor-1268	ND		0.097	0.060	ug/L		10/29/24 08:28	10/31/24 00:27	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Tetrachloro-m-xylene	*50*		*10 - 149*	*10/29/24 08:28*	*10/31/24 00:27*	*1*
DCB Decachlorobiphenyl	*74*		*10 - 174*	*10/29/24 08:28*	*10/31/24 00:27*	*1*

Method: SW846 6010D - Metals (ICP) - Total Recoverable

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	**22**		15	4.1	ug/L		10/29/24 14:00	10/31/24 02:06	1

Client: August Mack Environmental, Inc.
Project/Site: MSC Canfield

Job ID: 240-213689-1

Client Sample ID: SB-3-GW-18-28

Date Collected: 10/24/24 11:30
Date Received: 10/24/24 16:00

Lab Sample ID: 240-213689-2

Matrix: Water

Method: SW846 6010D - Metals (ICP) - Total Recoverable (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Barium	**35**	**J**	200	1.3	ug/L		10/29/24 14:00	10/31/24 02:06	1
Cadmium	ND		5.0	0.45	ug/L		10/29/24 14:00	10/31/24 02:06	1
Chromium	**2.6**	**J**	10	0.76	ug/L		10/29/24 14:00	10/31/24 02:06	1
Copper	ND		25	3.5	ug/L		10/29/24 14:00	10/31/24 02:06	1
Lead	ND		10	2.8	ug/L		10/29/24 14:00	10/31/24 02:06	1
Selenium	ND		20	6.0	ug/L		10/29/24 14:00	10/31/24 02:06	1
Silver	ND		10	1.4	ug/L		10/29/24 14:00	10/31/24 02:06	1
Zinc	ND		50	23	ug/L		10/29/24 14:00	10/31/24 02:06	1

Method: SW846 6010D - Metals (ICP) - Dissolved

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	**21**		15	4.1	ug/L		10/29/24 14:00	10/31/24 02:35	1
Barium	**30**	**J**	200	1.3	ug/L		10/29/24 14:00	10/31/24 02:35	1
Cadmium	ND		5.0	0.45	ug/L		10/29/24 14:00	10/31/24 02:35	1
Chromium	ND		10	0.76	ug/L		10/29/24 14:00	10/31/24 02:35	1
Copper	ND		25	3.5	ug/L		10/29/24 14:00	10/31/24 02:35	1
Lead	ND		10	2.8	ug/L		10/29/24 14:00	10/31/24 02:35	1
Selenium	ND		20	6.0	ug/L		10/29/24 14:00	10/31/24 02:35	1
Silver	ND		10	1.4	ug/L		10/29/24 14:00	10/31/24 02:35	1
Zinc	ND		50	23	ug/L		10/29/24 14:00	10/31/24 02:35	1

Method: SW846 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	ND		0.20	0.13	ug/L		10/31/24 14:00	11/01/24 14:32	1

Method: SW846 7470A - Mercury (CVAA) - Dissolved

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	ND		0.20	0.13	ug/L		10/29/24 14:00	10/30/24 13:42	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chromium, hexavalent (SW846 7196A)	ND	F1	0.020	0.0070	mg/L			10/24/24 16:44	1
Chromium, hexavalent (SW846 7196A)	ND		0.50	0.18	mg/L			10/24/24 17:21	25
Cyanide, Total (SW846 9012B)	ND		0.010	0.0060	mg/L		11/04/24 14:01	11/04/24 15:11	1
Cyanide, Free (OI CORP OIA-1677)	ND		0.0060	0.0050	mg/L			11/07/24 13:47	1

General Chemistry - Dissolved

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chromium, hexavalent (SW846 7196A)	ND	F1	0.020	0.0070	mg/L			10/24/24 16:44	1
Chromium, hexavalent (SW846 7196A)	ND		0.50	0.18	mg/L			10/24/24 17:21	25

Client: August Mack Environmental, Inc.
Project/Site: MSC Canfield

Job ID: 240-213689-1

Client Sample ID: TB-1-20241024
Date Collected: 10/24/24 00:00
Date Received: 10/24/24 16:00

Lab Sample ID: 240-213689-3
Matrix: Water

Method: SW846 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		1.0	0.48	ug/L			11/02/24 14:56	1
1,1,2,2-Tetrachloroethane	ND		1.0	0.60	ug/L			11/02/24 14:56	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		1.0	0.41	ug/L			11/02/24 14:56	1
1,1,2-Trichloroethane	ND		1.0	0.48	ug/L			11/02/24 14:56	1
1,1-Dichloroethane	ND		1.0	0.47	ug/L			11/02/24 14:56	1
1,1-Dichloroethene	ND		1.0	0.49	ug/L			11/02/24 14:56	1
1,2,4-Trichlorobenzene	ND		1.0	0.77	ug/L			11/02/24 14:56	1
1,2-Dibromo-3-Chloropropane	ND		2.0	0.91	ug/L			11/02/24 14:56	1
Ethylene Dibromide	ND		1.0	0.41	ug/L			11/02/24 14:56	1
1,2-Dichlorobenzene	ND		1.0	0.48	ug/L			11/02/24 14:56	1
1,2-Dichloroethane	ND		1.0	0.46	ug/L			11/02/24 14:56	1
1,2-Dichloropropane	ND		1.0	0.47	ug/L			11/02/24 14:56	1
1,3-Dichlorobenzene	ND		1.0	0.45	ug/L			11/02/24 14:56	1
1,4-Dichlorobenzene	ND		1.0	0.41	ug/L			11/02/24 14:56	1
2-Butanone (MEK)	ND		10	1.2	ug/L			11/02/24 14:56	1
2-Hexanone	ND		10	1.1	ug/L			11/02/24 14:56	1
4-Methyl-2-pentanone (MIBK)	ND		10	0.99	ug/L			11/02/24 14:56	1
Acetone	ND		10	5.4	ug/L			11/02/24 14:56	1
Benzene	ND		1.0	0.42	ug/L			11/02/24 14:56	1
Dichlorobromomethane	ND		1.0	0.38	ug/L			11/02/24 14:56	1
Bromoform	ND		1.0	0.76	ug/L			11/02/24 14:56	1
Bromomethane	ND		1.0	0.42	ug/L			11/02/24 14:56	1
Carbon disulfide	ND		1.0	0.59	ug/L			11/02/24 14:56	1
Carbon tetrachloride	ND		1.0	0.26	ug/L			11/02/24 14:56	1
Chlorobenzene	ND		1.0	0.38	ug/L			11/02/24 14:56	1
Chloroethane	ND		1.0	0.83	ug/L			11/02/24 14:56	1
Chloroform	ND		1.0	0.47	ug/L			11/02/24 14:56	1
Chloromethane	ND		1.0	0.63	ug/L			11/02/24 14:56	1
cis-1,2-Dichloroethene	ND		1.0	0.46	ug/L			11/02/24 14:56	1
cis-1,3-Dichloropropene	ND		1.0	0.61	ug/L			11/02/24 14:56	1
Cyclohexane	ND		1.0	0.48	ug/L			11/02/24 14:56	1
Chlorodibromomethane	ND		1.0	0.39	ug/L			11/02/24 14:56	1
Dichlorodifluoromethane	ND		1.0	0.35	ug/L			11/02/24 14:56	1
Ethylbenzene	ND		1.0	0.42	ug/L			11/02/24 14:56	1
Isopropylbenzene	ND		1.0	0.49	ug/L			11/02/24 14:56	1
Methyl acetate	ND		10	1.7	ug/L			11/02/24 14:56	1
Methyl tert-butyl ether	ND		1.0	0.47	ug/L			11/02/24 14:56	1
Methylcyclohexane	ND		1.0	0.33	ug/L			11/02/24 14:56	1
Methylene Chloride	ND		5.0	2.6	ug/L			11/02/24 14:56	1
Styrene	ND		1.0	0.45	ug/L			11/02/24 14:56	1
Tetrachloroethene	ND		1.0	0.44	ug/L			11/02/24 14:56	1
Toluene	ND		1.0	0.44	ug/L			11/02/24 14:56	1
trans-1,2-Dichloroethene	ND		1.0	0.51	ug/L			11/02/24 14:56	1
trans-1,3-Dichloropropene	ND		1.0	0.67	ug/L			11/02/24 14:56	1
Trichloroethene	ND		1.0	0.44	ug/L			11/02/24 14:56	1
Trichlorofluoromethane	ND		1.0	0.45	ug/L			11/02/24 14:56	1
Vinyl chloride	ND		1.0	0.45	ug/L			11/02/24 14:56	1
Xylenes, Total	ND		2.0	0.42	ug/L			11/02/24 14:56	1

Client: August Mack Environmental, Inc.
Project/Site: MSC Canfield

Job ID: 240-213689-1

Client Sample ID: TB-1-20241024
Date Collected: 10/24/24 00:00
Date Received: 10/24/24 16:00

Lab Sample ID: 240-213689-3
Matrix: Water

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
Toluene-d8 (Surr)	100		78 - 122		11/02/24 14:56	1
Dibromofluoromethane (Surr)	101		73 - 120		11/02/24 14:56	1
4-Bromofluorobenzene (Surr)	85		56 - 136		11/02/24 14:56	1
1,2-Dichloroethane-d4 (Surr)	105		62 - 137		11/02/24 14:56	1

Client: August Mack Environmental, Inc.
Project/Site: MSC Canfield

Job ID: 240-213689-1

Client Sample ID: TB-2-20241024
Date Collected: 10/24/24 00:00
Date Received: 10/24/24 16:00

Lab Sample ID: 240-213689-4
Matrix: Water

Method: SW846 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		1.0	0.48	ug/L			11/02/24 15:22	1
1,1,2,2-Tetrachloroethane	ND		1.0	0.60	ug/L			11/02/24 15:22	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		1.0	0.41	ug/L			11/02/24 15:22	1
1,1,2-Trichloroethane	ND		1.0	0.48	ug/L			11/02/24 15:22	1
1,1-Dichloroethane	ND		1.0	0.47	ug/L			11/02/24 15:22	1
1,1-Dichloroethene	ND		1.0	0.49	ug/L			11/02/24 15:22	1
1,2,4-Trichlorobenzene	ND		1.0	0.77	ug/L			11/02/24 15:22	1
1,2-Dibromo-3-Chloropropane	ND		2.0	0.91	ug/L			11/02/24 15:22	1
Ethylene Dibromide	ND		1.0	0.41	ug/L			11/02/24 15:22	1
1,2-Dichlorobenzene	ND		1.0	0.48	ug/L			11/02/24 15:22	1
1,2-Dichloroethane	ND		1.0	0.46	ug/L			11/02/24 15:22	1
1,2-Dichloropropane	ND		1.0	0.47	ug/L			11/02/24 15:22	1
1,3-Dichlorobenzene	ND		1.0	0.45	ug/L			11/02/24 15:22	1
1,4-Dichlorobenzene	ND		1.0	0.41	ug/L			11/02/24 15:22	1
2-Butanone (MEK)	ND		10	1.2	ug/L			11/02/24 15:22	1
2-Hexanone	ND		10	1.1	ug/L			11/02/24 15:22	1
4-Methyl-2-pentanone (MIBK)	ND		10	0.99	ug/L			11/02/24 15:22	1
Acetone	ND		10	5.4	ug/L			11/02/24 15:22	1
Benzene	ND		1.0	0.42	ug/L			11/02/24 15:22	1
Dichlorobromomethane	ND		1.0	0.38	ug/L			11/02/24 15:22	1
Bromoform	ND		1.0	0.76	ug/L			11/02/24 15:22	1
Bromomethane	ND		1.0	0.42	ug/L			11/02/24 15:22	1
Carbon disulfide	ND		1.0	0.59	ug/L			11/02/24 15:22	1
Carbon tetrachloride	ND		1.0	0.26	ug/L			11/02/24 15:22	1
Chlorobenzene	ND		1.0	0.38	ug/L			11/02/24 15:22	1
Chloroethane	ND		1.0	0.83	ug/L			11/02/24 15:22	1
Chloroform	ND		1.0	0.47	ug/L			11/02/24 15:22	1
Chloromethane	ND		1.0	0.63	ug/L			11/02/24 15:22	1
cis-1,2-Dichloroethene	ND		1.0	0.46	ug/L			11/02/24 15:22	1
cis-1,3-Dichloropropene	ND		1.0	0.61	ug/L			11/02/24 15:22	1
Cyclohexane	ND		1.0	0.48	ug/L			11/02/24 15:22	1
Chlorodibromomethane	ND		1.0	0.39	ug/L			11/02/24 15:22	1
Dichlorodifluoromethane	ND		1.0	0.35	ug/L			11/02/24 15:22	1
Ethylbenzene	ND		1.0	0.42	ug/L			11/02/24 15:22	1
Isopropylbenzene	ND		1.0	0.49	ug/L			11/02/24 15:22	1
Methyl acetate	ND		10	1.7	ug/L			11/02/24 15:22	1
Methyl tert-butyl ether	ND		1.0	0.47	ug/L			11/02/24 15:22	1
Methylcyclohexane	ND		1.0	0.33	ug/L			11/02/24 15:22	1
Methylene Chloride	ND		5.0	2.6	ug/L			11/02/24 15:22	1
Styrene	ND		1.0	0.45	ug/L			11/02/24 15:22	1
Tetrachloroethene	ND		1.0	0.44	ug/L			11/02/24 15:22	1
Toluene	ND		1.0	0.44	ug/L			11/02/24 15:22	1
trans-1,2-Dichloroethene	ND		1.0	0.51	ug/L			11/02/24 15:22	1
trans-1,3-Dichloropropene	ND		1.0	0.67	ug/L			11/02/24 15:22	1
Trichloroethene	ND		1.0	0.44	ug/L			11/02/24 15:22	1
Trichlorofluoromethane	ND		1.0	0.45	ug/L			11/02/24 15:22	1
Vinyl chloride	ND		1.0	0.45	ug/L			11/02/24 15:22	1
Xylenes, Total	ND		2.0	0.42	ug/L			11/02/24 15:22	1

Client: August Mack Environmental, Inc.
Project/Site: MSC Canfield

Job ID: 240-213689-1

Client Sample ID: TB-2-20241024
Date Collected: 10/24/24 00:00
Date Received: 10/24/24 16:00

Lab Sample ID: 240-213689-4
Matrix: Water

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
Toluene-d8 (Surr)	100		78 - 122		11/02/24 15:22	1
Dibromofluoromethane (Surr)	100		73 - 120		11/02/24 15:22	1
4-Bromofluorobenzene (Surr)	86		56 - 136		11/02/24 15:22	1
1,2-Dichloroethane-d4 (Surr)	104		62 - 137		11/02/24 15:22	1

Surrogate Summary

Client: August Mack Environmental, Inc.
Project/Site: MSC Canfield

Job ID: 240-213689-1

Method: 8260D - Volatile Organic Compounds by GC/MS

Matrix: Water

Prep Type: Total/NA

		Percent Surrogate Recovery (Acceptance Limits)			
		TOL	DBFM	BFB	DCA
Lab Sample ID	Client Sample ID	(78-122)	(73-120)	(56-136)	(62-137)
240-213689-1	SB-1-GW-18-28	102	103	83	108
240-213689-2	SB-3-GW-18-28	99	103	80	106
240-213689-2 MS	SB-3-GW-18-28	100	96	92	99
240-213689-2 MSD	SB-3-GW-18-28	99	96	93	98
240-213689-3	TB-1-20241024	100	101	85	105
240-213689-4	TB-2-20241024	100	100	86	104
LCS 240-633658/6	Lab Control Sample	102	95	95	97
MB 240-633658/10	Method Blank	101	100	88	103

Surrogate Legend

TOL = Toluene-d8 (Surr)
DBFM = Dibromofluoromethane (Surr)
BFB = 4-Bromofluorobenzene (Surr)
DCA = 1,2-Dichloroethane-d4 (Surr)

Method: 8270E - Semivolatile Organic Compounds (GC/MS)

Matrix: Water

Prep Type: Total/NA

		Percent Surrogate Recovery (Acceptance Limits)					
		TPHL	PHL	NBZ	2FP	FBP	TBP
Lab Sample ID	Client Sample ID	(43-136)	(10-120)	(40-120)	(10-127)	(41-120)	(23-127)
240-213689-1	SB-1-GW-18-28	75	88	78	105	78	89
240-213689-2	SB-3-GW-18-28	83	67	75	98	75	85
240-213689-2 MS	SB-3-GW-18-28	79	93	82	127	81	101
240-213689-2 MSD	SB-3-GW-18-28	77	89	81	126	78	99
LCS 240-632880/2-A	Lab Control Sample	72	70	75	106	75	91
MB 240-632880/1-A	Method Blank	85	76	82	76	78	59

Surrogate Legend

TPHL = Terphenyl-d14 (Surr)
PHL = Phenol-d5 (Surr)
NBZ = Nitrobenzene-d5 (Surr)
2FP = 2-Fluorophenol (Surr)
FBP = 2-Fluorobiphenyl (Surr)
TBP = 2,4,6-Tribromophenol (Surr)

Method: 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Matrix: Water

Prep Type: Total/NA

		Percent Surrogate Recovery (Acceptance Limits)	
		TCX2	DCBP2
Lab Sample ID	Client Sample ID	(10-149)	(10-174)
240-213689-1	SB-1-GW-18-28	41	15
240-213689-2	SB-3-GW-18-28	50	74
240-213689-2 MS	SB-3-GW-18-28	71	64
240-213689-2 MSD	SB-3-GW-18-28	83	85
LCS 240-632887/2-A	Lab Control Sample	81	76
MB 240-632887/1-A	Method Blank	78	95

Surrogate Legend

TCX = Tetrachloro-m-xylene
DCBP = DCB Decachlorobiphenyl

Method: 8260D - Volatile Organic Compounds by GC/MS

Lab Sample ID: MB 240-633658/10
Matrix: Water
Analysis Batch: 633658

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		1.0	0.48	ug/L			11/02/24 14:30	1
1,1,2,2-Tetrachloroethane	ND		1.0	0.60	ug/L			11/02/24 14:30	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		1.0	0.41	ug/L			11/02/24 14:30	1
1,1,2-Trichloroethane	ND		1.0	0.48	ug/L			11/02/24 14:30	1
1,1-Dichloroethane	ND		1.0	0.47	ug/L			11/02/24 14:30	1
1,1-Dichloroethene	ND		1.0	0.49	ug/L			11/02/24 14:30	1
1,2,4-Trichlorobenzene	ND		1.0	0.77	ug/L			11/02/24 14:30	1
1,2-Dibromo-3-Chloropropane	ND		2.0	0.91	ug/L			11/02/24 14:30	1
Ethylene Dibromide	ND		1.0	0.41	ug/L			11/02/24 14:30	1
1,2-Dichlorobenzene	ND		1.0	0.48	ug/L			11/02/24 14:30	1
1,2-Dichloroethane	ND		1.0	0.46	ug/L			11/02/24 14:30	1
1,2-Dichloropropane	ND		1.0	0.47	ug/L			11/02/24 14:30	1
1,3-Dichlorobenzene	ND		1.0	0.45	ug/L			11/02/24 14:30	1
1,4-Dichlorobenzene	ND		1.0	0.41	ug/L			11/02/24 14:30	1
2-Butanone (MEK)	ND		10	1.2	ug/L			11/02/24 14:30	1
2-Hexanone	ND		10	1.1	ug/L			11/02/24 14:30	1
4-Methyl-2-pentanone (MIBK)	ND		10	0.99	ug/L			11/02/24 14:30	1
Acetone	ND		10	5.4	ug/L			11/02/24 14:30	1
Benzene	ND		1.0	0.42	ug/L			11/02/24 14:30	1
Dichlorobromomethane	ND		1.0	0.38	ug/L			11/02/24 14:30	1
Bromoform	ND		1.0	0.76	ug/L			11/02/24 14:30	1
Bromomethane	ND		1.0	0.42	ug/L			11/02/24 14:30	1
Carbon disulfide	ND		1.0	0.59	ug/L			11/02/24 14:30	1
Carbon tetrachloride	ND		1.0	0.26	ug/L			11/02/24 14:30	1
Chlorobenzene	ND		1.0	0.38	ug/L			11/02/24 14:30	1
Chloroethane	ND		1.0	0.83	ug/L			11/02/24 14:30	1
Chloroform	ND		1.0	0.47	ug/L			11/02/24 14:30	1
Chloromethane	ND		1.0	0.63	ug/L			11/02/24 14:30	1
cis-1,2-Dichloroethene	ND		1.0	0.46	ug/L			11/02/24 14:30	1
cis-1,3-Dichloropropene	ND		1.0	0.61	ug/L			11/02/24 14:30	1
Cyclohexane	ND		1.0	0.48	ug/L			11/02/24 14:30	1
Chlorodibromomethane	ND		1.0	0.39	ug/L			11/02/24 14:30	1
Dichlorodifluoromethane	ND		1.0	0.35	ug/L			11/02/24 14:30	1
Ethylbenzene	ND		1.0	0.42	ug/L			11/02/24 14:30	1
Isopropylbenzene	ND		1.0	0.49	ug/L			11/02/24 14:30	1
Methyl acetate	ND		10	1.7	ug/L			11/02/24 14:30	1
Methyl tert-butyl ether	ND		1.0	0.47	ug/L			11/02/24 14:30	1
Methylcyclohexane	ND		1.0	0.33	ug/L			11/02/24 14:30	1
Methylene Chloride	ND		5.0	2.6	ug/L			11/02/24 14:30	1
Styrene	ND		1.0	0.45	ug/L			11/02/24 14:30	1
Tetrachloroethene	ND		1.0	0.44	ug/L			11/02/24 14:30	1
Toluene	ND		1.0	0.44	ug/L			11/02/24 14:30	1
trans-1,2-Dichloroethene	ND		1.0	0.51	ug/L			11/02/24 14:30	1
trans-1,3-Dichloropropene	ND		1.0	0.67	ug/L			11/02/24 14:30	1
Trichloroethene	ND		1.0	0.44	ug/L			11/02/24 14:30	1
Trichlorofluoromethane	ND		1.0	0.45	ug/L			11/02/24 14:30	1
Vinyl chloride	ND		1.0	0.45	ug/L			11/02/24 14:30	1
Xylenes, Total	ND		2.0	0.42	ug/L			11/02/24 14:30	1

Method: 8260D - Volatile Organic Compounds by GC/MS (Continued)

Lab Sample ID: MB 240-633658/10
Matrix: Water
Analysis Batch: 633658

Client Sample ID: Method Blank
Prep Type: Total/NA

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
Toluene-d8 (Surr)	*101*		*78 - 122*		*11/02/24 14:30*	*1*
Dibromofluoromethane (Surr)	*100*		*73 - 120*		*11/02/24 14:30*	*1*
4-Bromofluorobenzene (Surr)	*88*		*56 - 136*		*11/02/24 14:30*	*1*
1,2-Dichloroethane-d4 (Surr)	*103*		*62 - 137*		*11/02/24 14:30*	*1*

Lab Sample ID: LCS 240-633658/6
Matrix: Water
Analysis Batch: 633658

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
1,1,1-Trichloroethane	20.0	15.1		ug/L		76	64 - 131
1,1,2,2-Tetrachloroethane	20.0	19.8		ug/L		99	58 - 157
1,1,2-Trichloro-1,2,2-trifluoroethane	20.0	19.2		ug/L		96	51 - 146
1,1,2-Trichloroethane	20.0	19.2		ug/L		96	70 - 138
1,1-Dichloroethane	20.0	18.7		ug/L		93	72 - 127
1,1-Dichloroethene	20.0	20.1		ug/L		101	63 - 134
1,2,4-Trichlorobenzene	20.0	16.6		ug/L		83	44 - 147
1,2-Dibromo-3-Chloropropane	20.0	16.0		ug/L		80	53 - 135
Ethylene Dibromide	20.0	18.5		ug/L		92	71 - 134
1,2-Dichlorobenzene	20.0	17.6		ug/L		88	78 - 120
1,2-Dichloroethane	20.0	16.9		ug/L		85	66 - 128
1,2-Dichloropropane	20.0	19.2		ug/L		96	75 - 133
1,3-Dichlorobenzene	20.0	17.2		ug/L		86	80 - 120
1,4-Dichlorobenzene	20.0	17.2		ug/L		86	80 - 120
2-Butanone (MEK)	40.0	35.2		ug/L		88	54 - 156
2-Hexanone	40.0	38.6		ug/L		97	43 - 167
4-Methyl-2-pentanone (MIBK)	40.0	37.0		ug/L		93	46 - 158
Acetone	40.0	38.7		ug/L		97	50 - 149
Benzene	20.0	18.5		ug/L		93	77 - 123
Dichlorobromomethane	20.0	16.5		ug/L		83	69 - 126
Bromoform	20.0	17.7		ug/L		89	57 - 129
Bromomethane	20.0	13.9		ug/L		69	36 - 142
Carbon disulfide	20.0	21.8		ug/L		109	43 - 140
Carbon tetrachloride	20.0	16.5		ug/L		82	55 - 137
Chlorobenzene	20.0	18.1		ug/L		90	80 - 121
Chloroethane	20.0	16.1		ug/L		80	38 - 152
Chloroform	20.0	17.3		ug/L		86	74 - 122
Chloromethane	20.0	15.9		ug/L		79	47 - 143
cis-1,2-Dichloroethene	20.0	17.6		ug/L		88	77 - 123
cis-1,3-Dichloropropene	20.0	16.2		ug/L		81	64 - 130
Cyclohexane	20.0	15.5		ug/L		77	58 - 146
Chlorodibromomethane	20.0	16.8		ug/L		84	70 - 124
Dichlorodifluoromethane	20.0	12.6		ug/L		63	34 - 153
Ethylbenzene	20.0	17.9		ug/L		89	80 - 121
Isopropylbenzene	20.0	19.6		ug/L		98	74 - 128
Methyl acetate	40.0	36.0		ug/L		90	42 - 169
Methyl tert-butyl ether	20.0	18.3		ug/L		92	65 - 126
Methylcyclohexane	20.0	16.5		ug/L		82	62 - 136

Method: 8260D - Volatile Organic Compounds by GC/MS (Continued)

Lab Sample ID: LCS 240-633658/6
Matrix: Water
Analysis Batch: 633658

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Methylene Chloride	20.0	19.8		ug/L		99	71 - 125
Styrene	20.0	17.5		ug/L		87	80 - 135
Tetrachloroethene	20.0	18.1		ug/L		91	76 - 123
Toluene	20.0	18.5		ug/L		92	80 - 123
trans-1,2-Dichloroethene	20.0	18.7		ug/L		94	75 - 124
trans-1,3-Dichloropropene	20.0	19.2		ug/L		96	57 - 129
Trichloroethene	20.0	16.5		ug/L		83	70 - 122
Trichlorofluoromethane	20.0	16.1		ug/L		80	30 - 170
Vinyl chloride	20.0	19.2		ug/L		96	60 - 144
Xylenes, Total	40.0	35.5		ug/L		89	80 - 121
m-Xylene & p-Xylene	20.0	17.5		ug/L		88	80 - 120
o-Xylene	20.0	18.0		ug/L		90	80 - 123

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
Toluene-d8 (Surr)	*102*		*78 - 122*
Dibromofluoromethane (Surr)	*95*		*73 - 120*
4-Bromofluorobenzene (Surr)	*95*		*56 - 136*
1,2-Dichloroethane-d4 (Surr)	*97*		*62 - 137*

Lab Sample ID: 240-213689-2 MS
Matrix: Water
Analysis Batch: 633658

Client Sample ID: SB-3-GW-18-28
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
1,1,1-Trichloroethane	ND		20.0	15.1		ug/L		75	60 - 130
1,1,2,2-Tetrachloroethane	ND		20.0	20.1		ug/L		100	54 - 145
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		20.0	17.7		ug/L		88	41 - 147
1,1,2-Trichloroethane	ND		20.0	18.8		ug/L		94	69 - 131
1,1-Dichloroethane	ND		20.0	19.0		ug/L		95	68 - 125
1,1-Dichloroethene	ND		20.0	18.9		ug/L		95	56 - 135
1,2,4-Trichlorobenzene	ND		20.0	14.3		ug/L		71	29 - 156
1,2-Dibromo-3-Chloropropane	ND		20.0	15.7		ug/L		78	41 - 129
Ethylene Dibromide	ND		20.0	17.8		ug/L		89	69 - 125
1,2-Dichlorobenzene	ND		20.0	16.4		ug/L		82	73 - 120
1,2-Dichloroethane	ND		20.0	16.9		ug/L		85	63 - 126
1,2-Dichloropropane	ND		20.0	18.9		ug/L		95	69 - 130
1,3-Dichlorobenzene	ND	F1	20.0	15.7		ug/L		79	73 - 120
1,4-Dichlorobenzene	ND	F1	20.0	16.1		ug/L		81	74 - 120
2-Butanone (MEK)	ND		40.0	35.1		ug/L		88	40 - 151
2-Hexanone	ND		40.0	38.1		ug/L		95	35 - 156
4-Methyl-2-pentanone (MIBK)	ND		40.0	36.3		ug/L		91	31 - 153
Acetone	ND		40.0	37.1		ug/L		93	33 - 149
Benzene	ND		20.0	18.1		ug/L		90	64 - 128
Dichlorobromomethane	ND		20.0	15.8		ug/L		79	62 - 125
Bromoform	ND		20.0	16.5		ug/L		83	47 - 125
Bromomethane	ND		20.0	13.9		ug/L		70	28 - 150
Carbon disulfide	ND		20.0	17.7		ug/L		88	38 - 140
Carbon tetrachloride	ND		20.0	15.4		ug/L		77	51 - 133

Method: 8260D - Volatile Organic Compounds by GC/MS (Continued)

Lab Sample ID: 240-213689-2 MS
Matrix: Water
Analysis Batch: 633658

Client Sample ID: SB-3-GW-18-28
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Chlorobenzene	ND		20.0	16.9		ug/L		84	74 - 121
Chloroethane	ND		20.0	16.3		ug/L		81	10 - 199
Chloroform	ND		20.0	16.8		ug/L		84	70 - 122
Chloromethane	ND		20.0	16.4		ug/L		82	32 - 149
cis-1,2-Dichloroethene	ND		20.0	17.7		ug/L		88	66 - 128
cis-1,3-Dichloropropene	ND		20.0	15.0		ug/L		75	47 - 125
Cyclohexane	ND		20.0	15.1		ug/L		75	42 - 147
Chlorodibromomethane	ND		20.0	15.9		ug/L		79	65 - 120
Dichlorodifluoromethane	ND		20.0	11.5		ug/L		58	38 - 139
Ethylbenzene	ND		20.0	16.1		ug/L		81	67 - 127
Isopropylbenzene	ND		20.0	17.1		ug/L		85	64 - 129
Methyl acetate	ND		40.0	35.9		ug/L		90	37 - 155
Methyl tert-butyl ether	ND		20.0	18.0		ug/L		90	47 - 134
Methylcyclohexane	ND		20.0	15.7		ug/L		79	39 - 144
Methylene Chloride	ND		20.0	19.4		ug/L		97	62 - 129
Styrene	ND		20.0	15.6		ug/L		78	70 - 139
Tetrachloroethene	ND		20.0	16.3		ug/L		82	62 - 131
Toluene	ND		20.0	17.2		ug/L		86	58 - 135
trans-1,2-Dichloroethene	ND		20.0	18.1		ug/L		90	56 - 136
trans-1,3-Dichloropropene	ND		20.0	17.8		ug/L		89	47 - 120
Trichloroethene	ND		20.0	15.3		ug/L		77	61 - 124
Trichlorofluoromethane	ND		20.0	15.7		ug/L		79	24 - 177
Vinyl chloride	ND		20.0	18.2		ug/L		91	43 - 157
Xylenes, Total	ND		40.0	31.3		ug/L		78	71 - 123
m-Xylene & p-Xylene	ND		20.0	15.5		ug/L		78	71 - 123
o-Xylene	ND		20.0	15.8		ug/L		79	70 - 125

Surrogate	*MS %Recovery*	*MS Qualifier*	*Limits*
Toluene-d8 (Surr)	*100*		*78 - 122*
Dibromofluoromethane (Surr)	*96*		*73 - 120*
4-Bromofluorobenzene (Surr)	*92*		*56 - 136*
1,2-Dichloroethane-d4 (Surr)	*99*		*62 - 137*

Lab Sample ID: 240-213689-2 MSD
Matrix: Water
Analysis Batch: 633658

Client Sample ID: SB-3-GW-18-28
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
1,1,1-Trichloroethane	ND		20.0	14.6		ug/L		73	60 - 130	3	17
1,1,2,2-Tetrachloroethane	ND		20.0	18.3		ug/L		91	54 - 145	9	15
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		20.0	16.2		ug/L		81	41 - 147	9	35
1,1,2-Trichloroethane	ND		20.0	17.5		ug/L		88	69 - 131	7	14
1,1-Dichloroethane	ND		20.0	17.8		ug/L		89	68 - 125	7	13
1,1-Dichloroethene	ND		20.0	17.4		ug/L		87	56 - 135	8	26
1,2,4-Trichlorobenzene	ND		20.0	13.9		ug/L		70	29 - 156	2	19
1,2-Dibromo-3-Chloropropane	ND		20.0	14.4		ug/L		72	41 - 129	8	22
Ethylene Dibromide	ND		20.0	17.0		ug/L		85	69 - 125	5	14
1,2-Dichlorobenzene	ND		20.0	15.1		ug/L		76	73 - 120	8	14

Method: 8260D - Volatile Organic Compounds by GC/MS (Continued)

Lab Sample ID: 240-213689-2 MSD
Matrix: Water
Analysis Batch: 633658

Client Sample ID: SB-3-GW-18-28
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
1,2-Dichloroethane	ND		20.0	15.8		ug/L		79	63 - 126	7	12
1,2-Dichloropropane	ND		20.0	17.8		ug/L		89	69 - 130	6	13
1,3-Dichlorobenzene	ND	F1	20.0	14.5	F1	ug/L		72	73 - 120	8	14
1,4-Dichlorobenzene	ND	F1	20.0	14.7	F1	ug/L		73	74 - 120	9	15
2-Butanone (MEK)	ND		40.0	33.2		ug/L		83	40 - 151	5	20
2-Hexanone	ND		40.0	35.9		ug/L		90	35 - 156	6	17
4-Methyl-2-pentanone (MIBK)	ND		40.0	34.4		ug/L		86	31 - 153	5	15
Acetone	ND		40.0	34.3		ug/L		86	33 - 149	8	34
Benzene	ND		20.0	16.9		ug/L		84	64 - 128	7	14
Dichlorobromomethane	ND		20.0	14.9		ug/L		75	62 - 125	6	13
Bromoform	ND		20.0	15.8		ug/L		79	47 - 125	5	15
Bromomethane	ND		20.0	12.8		ug/L		64	28 - 150	9	26
Carbon disulfide	ND		20.0	16.9		ug/L		85	38 - 140	4	23
Carbon tetrachloride	ND		20.0	14.7		ug/L		74	51 - 133	4	24
Chlorobenzene	ND		20.0	15.5		ug/L		78	74 - 121	8	14
Chloroethane	ND		20.0	14.9		ug/L		74	10 - 199	9	30
Chloroform	ND		20.0	15.7		ug/L		78	70 - 122	7	14
Chloromethane	ND		20.0	15.0		ug/L		75	32 - 149	9	27
cis-1,2-Dichloroethene	ND		20.0	16.5		ug/L		83	66 - 128	7	14
cis-1,3-Dichloropropene	ND		20.0	14.5		ug/L		73	47 - 125	3	13
Cyclohexane	ND		20.0	13.9		ug/L		70	42 - 147	8	35
Chlorodibromomethane	ND		20.0	14.9		ug/L		75	65 - 120	6	13
Dichlorodifluoromethane	ND		20.0	10.8		ug/L		54	38 - 139	6	35
Ethylbenzene	ND		20.0	15.1		ug/L		76	67 - 127	6	15
Isopropylbenzene	ND		20.0	15.9		ug/L		79	64 - 129	7	18
Methyl acetate	ND		40.0	33.5		ug/L		84	37 - 155	7	18
Methyl tert-butyl ether	ND		20.0	16.9		ug/L		85	47 - 134	6	16
Methylcyclohexane	ND		20.0	14.7		ug/L		73	39 - 144	7	35
Methylene Chloride	ND		20.0	18.5		ug/L		93	62 - 129	4	17
Styrene	ND		20.0	14.8		ug/L		74	70 - 139	5	18
Tetrachloroethene	ND		20.0	15.1		ug/L		76	62 - 131	8	20
Toluene	ND		20.0	15.9		ug/L		79	58 - 135	8	14
trans-1,2-Dichloroethene	ND		20.0	17.2		ug/L		86	56 - 136	5	15
trans-1,3-Dichloropropene	ND		20.0	16.8		ug/L		84	47 - 120	6	14
Trichloroethene	ND		20.0	14.6		ug/L		73	61 - 124	5	15
Trichlorofluoromethane	ND		20.0	14.4		ug/L		72	24 - 177	8	34
Vinyl chloride	ND		20.0	17.3		ug/L		87	43 - 157	5	24
Xylenes, Total	ND		40.0	29.8		ug/L		75	71 - 123	5	15
m-Xylene & p-Xylene	ND		20.0	14.9		ug/L		74	71 - 123	4	16
o-Xylene	ND		20.0	14.9		ug/L		75	70 - 125	6	15

Surrogate	*MSD %Recovery*	*MSD Qualifier*	*Limits*
Toluene-d8 (Surr)	*99*		*78 - 122*
Dibromofluoromethane (Surr)	*96*		*73 - 120*
4-Bromofluorobenzene (Surr)	*93*		*56 - 136*
1,2-Dichloroethane-d4 (Surr)	*98*		*62 - 137*

Method: 8270E - Semivolatile Organic Compounds (GC/MS)

Lab Sample ID: MB 240-632880/1-A
Matrix: Water
Analysis Batch: 634284

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 632880

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1'-Biphenyl	ND		1.0	0.49	ug/L		10/29/24 08:12	11/07/24 09:02	1
bis (2-chloroisopropyl) ether	ND		1.0	0.24	ug/L		10/29/24 08:12	11/07/24 09:02	1
2,4,5-Trichlorophenol	ND		5.0	2.0	ug/L		10/29/24 08:12	11/07/24 09:02	1
2,4,6-Trichlorophenol	ND		5.0	1.8	ug/L		10/29/24 08:12	11/07/24 09:02	1
2,4-Dichlorophenol	ND		2.0	0.26	ug/L		10/29/24 08:12	11/07/24 09:02	1
2,4-Dimethylphenol	ND		2.0	0.25	ug/L		10/29/24 08:12	11/07/24 09:02	1
2,4-Dinitrophenol	ND		10	2.6	ug/L		10/29/24 08:12	11/07/24 09:02	1
2,4-Dinitrotoluene	ND		5.0	2.1	ug/L		10/29/24 08:12	11/07/24 09:02	1
2,6-Dinitrotoluene	ND		5.0	1.1	ug/L		10/29/24 08:12	11/07/24 09:02	1
2-Chloronaphthalene	ND		1.0	0.23	ug/L		10/29/24 08:12	11/07/24 09:02	1
2-Chlorophenol	ND		1.0	0.27	ug/L		10/29/24 08:12	11/07/24 09:02	1
2-Methylnaphthalene	ND		0.20	0.11	ug/L		10/29/24 08:12	11/07/24 09:02	1
2-Methylphenol	ND		1.0	0.21	ug/L		10/29/24 08:12	11/07/24 09:02	1
2-Nitroaniline	ND		2.0	0.51	ug/L		10/29/24 08:12	11/07/24 09:02	1
2-Nitrophenol	ND		2.0	0.56	ug/L		10/29/24 08:12	11/07/24 09:02	1
3,3'-Dichlorobenzidine	ND		5.0	1.2	ug/L		10/29/24 08:12	11/07/24 09:02	1
3-Nitroaniline	ND		2.0	0.57	ug/L		10/29/24 08:12	11/07/24 09:02	1
4,6-Dinitro-2-methylphenol	ND		5.0	2.8	ug/L		10/29/24 08:12	11/07/24 09:02	1
4-Bromophenyl phenyl ether	ND		2.0	0.50	ug/L		10/29/24 08:12	11/07/24 09:02	1
4-Chloro-3-methylphenol	ND		2.0	0.30	ug/L		10/29/24 08:12	11/07/24 09:02	1
4-Chloroaniline	ND		2.0	0.32	ug/L		10/29/24 08:12	11/07/24 09:02	1
4-Chlorophenyl phenyl ether	ND		2.0	0.55	ug/L		10/29/24 08:12	11/07/24 09:02	1
4-Nitroaniline	ND		2.0	0.33	ug/L		10/29/24 08:12	11/07/24 09:02	1
4-Nitrophenol	ND		10	2.2	ug/L		10/29/24 08:12	11/07/24 09:02	1
Acenaphthene	ND		0.20	0.17	ug/L		10/29/24 08:12	11/07/24 09:02	1
Acenaphthylene	ND		0.20	0.13	ug/L		10/29/24 08:12	11/07/24 09:02	1
Acetophenone	ND		1.0	0.37	ug/L		10/29/24 08:12	11/07/24 09:02	1
Anthracene	ND		0.20	0.14	ug/L		10/29/24 08:12	11/07/24 09:02	1
Atrazine	ND		2.0	0.95	ug/L		10/29/24 08:12	11/07/24 09:02	1
Benzaldehyde	ND		2.0	0.76	ug/L		10/29/24 08:12	11/07/24 09:02	1
Benzo[a]anthracene	ND		0.20	0.068	ug/L		10/29/24 08:12	11/07/24 09:02	1
Benzo[a]pyrene	ND		0.20	0.17	ug/L		10/29/24 08:12	11/07/24 09:02	1
Benzo[b]fluoranthene	ND		0.20	0.15	ug/L		10/29/24 08:12	11/07/24 09:02	1
Benzo[g,h,i]perylene	ND		0.20	0.18	ug/L		10/29/24 08:12	11/07/24 09:02	1
Benzo[k]fluoranthene	ND		0.20	0.14	ug/L		10/29/24 08:12	11/07/24 09:02	1
Bis(2-chloroethoxy)methane	ND		1.0	0.22	ug/L		10/29/24 08:12	11/07/24 09:02	1
Bis(2-chloroethyl)ether	ND		1.0	0.40	ug/L		10/29/24 08:12	11/07/24 09:02	1
Bis(2-ethylhexyl) phthalate	ND		5.0	2.2	ug/L		10/29/24 08:12	11/07/24 09:02	1
Butyl benzyl phthalate	ND		2.0	0.67	ug/L		10/29/24 08:12	11/07/24 09:02	1
Caprolactam	ND		5.0	3.8	ug/L		10/29/24 08:12	11/07/24 09:02	1
Carbazole	ND		1.0	0.49	ug/L		10/29/24 08:12	11/07/24 09:02	1
Chrysene	ND		0.20	0.066	ug/L		10/29/24 08:12	11/07/24 09:02	1
Dibenz(a,h)anthracene	ND		0.20	0.15	ug/L		10/29/24 08:12	11/07/24 09:02	1
Dibenzofuran	ND		1.0	0.27	ug/L		10/29/24 08:12	11/07/24 09:02	1
Diethyl phthalate	ND		5.0	0.41	ug/L		10/29/24 08:12	11/07/24 09:02	1
Dimethyl phthalate	ND		2.0	0.52	ug/L		10/29/24 08:12	11/07/24 09:02	1
Di-n-butyl phthalate	ND		5.0	1.8	ug/L		10/29/24 08:12	11/07/24 09:02	1
Di-n-octyl phthalate	ND		2.0	0.82	ug/L		10/29/24 08:12	11/07/24 09:02	1

Method: 8270E - Semivolatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: MB 240-632880/1-A
Matrix: Water
Analysis Batch: 634284

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 632880

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Fluoranthene	ND		0.20	0.16	ug/L		10/29/24 08:12	11/07/24 09:02	1
Fluorene	ND		0.20	0.079	ug/L		10/29/24 08:12	11/07/24 09:02	1
Hexachlorobenzene	ND		0.20	0.16	ug/L		10/29/24 08:12	11/07/24 09:02	1
Hexachlorobutadiene	ND		1.0	0.54	ug/L		10/29/24 08:12	11/07/24 09:02	1
Hexachlorocyclopentadiene	ND		10	1.8	ug/L		10/29/24 08:12	11/07/24 09:02	1
Hexachloroethane	ND		1.0	0.40	ug/L		10/29/24 08:12	11/07/24 09:02	1
Indeno[1,2,3-cd]pyrene	ND		0.20	0.14	ug/L		10/29/24 08:12	11/07/24 09:02	1
Isophorone	ND		1.0	0.32	ug/L		10/29/24 08:12	11/07/24 09:02	1
N-Nitrosodi-n-propylamine	ND		1.0	0.25	ug/L		10/29/24 08:12	11/07/24 09:02	1
N-Nitrosodiphenylamine	ND		1.0	0.44	ug/L		10/29/24 08:12	11/07/24 09:02	1
Naphthalene	ND		0.20	0.11	ug/L		10/29/24 08:12	11/07/24 09:02	1
Nitrobenzene	ND		1.0	0.51	ug/L		10/29/24 08:12	11/07/24 09:02	1
Pentachlorophenol	ND		10	3.1	ug/L		10/29/24 08:12	11/07/24 09:02	1
Phenanthrene	ND		0.20	0.080	ug/L		10/29/24 08:12	11/07/24 09:02	1
Phenol	ND		1.0	0.40	ug/L		10/29/24 08:12	11/07/24 09:02	1
Pyrene	ND		0.20	0.083	ug/L		10/29/24 08:12	11/07/24 09:02	1
3 & 4 Methylphenol	ND		2.0	0.19	ug/L		10/29/24 08:12	11/07/24 09:02	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Terphenyl-d14 (Surr)	*85*		*43 - 136*	*10/29/24 08:12*	*11/07/24 09:02*	*1*
Phenol-d5 (Surr)	*76*		*10 - 120*	*10/29/24 08:12*	*11/07/24 09:02*	*1*
Nitrobenzene-d5 (Surr)	*82*		*40 - 120*	*10/29/24 08:12*	*11/07/24 09:02*	*1*
2-Fluorophenol (Surr)	*76*		*10 - 127*	*10/29/24 08:12*	*11/07/24 09:02*	*1*
2-Fluorobiphenyl (Surr)	*78*		*41 - 120*	*10/29/24 08:12*	*11/07/24 09:02*	*1*
2,4,6-Tribromophenol (Surr)	*59*		*23 - 127*	*10/29/24 08:12*	*11/07/24 09:02*	*1*

Lab Sample ID: LCS 240-632880/2-A
Matrix: Water
Analysis Batch: 634091

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 632880

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
1,1'-Biphenyl	32.0	24.7		ug/L		77	48 - 120
bis (2-chloroisopropyl) ether	32.0	21.0		ug/L		66	34 - 126
2,4,5-Trichlorophenol	32.0	29.4		ug/L		92	51 - 129
2,4,6-Trichlorophenol	32.0	27.4		ug/L		86	51 - 128
2,4-Dichlorophenol	32.0	29.2		ug/L		91	57 - 122
2,4-Dimethylphenol	32.0	18.5		ug/L		58	33 - 120
2,4-Dinitrophenol	64.0	55.7		ug/L		87	27 - 126
2,4-Dinitrotoluene	32.0	32.2		ug/L		101	55 - 131
2,6-Dinitrotoluene	32.0	30.5		ug/L		95	54 - 134
2-Chloronaphthalene	32.0	24.8		ug/L		78	50 - 120
2-Chlorophenol	32.0	29.8		ug/L		93	57 - 120
2-Methylnaphthalene	32.0	22.4		ug/L		70	47 - 120
2-Methylphenol	32.0	26.0		ug/L		81	47 - 120
2-Nitroaniline	32.0	30.5		ug/L		95	51 - 138
2-Nitrophenol	32.0	27.8		ug/L		87	53 - 127
3,3'-Dichlorobenzidine	64.0	51.2		ug/L		80	39 - 150
3-Nitroaniline	32.0	30.7		ug/L		96	13 - 156

Method: 8270E - Semivolatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: LCS 240-632880/2-A
Matrix: Water
Analysis Batch: 634091

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 632880

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
4,6-Dinitro-2-methylphenol	64.0	61.9		ug/L		97	45 - 130
4-Bromophenyl phenyl ether	32.0	29.3		ug/L		91	51 - 129
4-Chloro-3-methylphenol	32.0	27.1		ug/L		85	57 - 126
4-Chloroaniline	32.0	11.0		ug/L		34	10 - 120
4-Chlorophenyl phenyl ether	32.0	26.1		ug/L		81	52 - 122
4-Nitroaniline	32.0	NQ	E	ug/L		NaN	44 - 156
4-Nitrophenol	64.0	50.1		ug/L		78	14 - 120
Acenaphthene	32.0	24.5		ug/L		77	50 - 120
Acenaphthylene	32.0	26.1		ug/L		81	49 - 120
Acetophenone	32.0	22.4		ug/L		70	52 - 120
Anthracene	32.0	28.0		ug/L		87	55 - 124
Atrazine	32.0	30.1		ug/L		94	50 - 152
Benzaldehyde	32.0	28.1		ug/L		88	36 - 168
Benzo[a]anthracene	32.0	26.7		ug/L		84	55 - 130
Benzo[a]pyrene	32.0	29.5		ug/L		92	51 - 123
Benzo[b]fluoranthene	32.0	30.1		ug/L		94	51 - 130
Benzo[g,h,i]perylene	32.0	31.1		ug/L		97	55 - 135
Benzo[k]fluoranthene	32.0	26.8		ug/L		84	53 - 130
Bis(2-chloroethoxy)methane	32.0	24.3		ug/L		76	50 - 121
Bis(2-chloroethyl)ether	32.0	22.5		ug/L		70	47 - 120
Bis(2-ethylhexyl) phthalate	32.0	26.6		ug/L		83	45 - 142
Butyl benzyl phthalate	32.0	29.9		ug/L		93	48 - 140
Caprolactam	32.0	8.05		ug/L		25	10 - 120
Carbazole	32.0	28.5		ug/L		89	56 - 135
Chrysene	32.0	26.0		ug/L		81	52 - 126
Dibenz(a,h)anthracene	32.0	31.1		ug/L		97	57 - 132
Dibenzofuran	32.0	25.2		ug/L		79	52 - 120
Diethyl phthalate	32.0	26.4		ug/L		82	51 - 127
Dimethyl phthalate	32.0	27.9		ug/L		87	40 - 136
Di-n-butyl phthalate	32.0	28.9		ug/L		90	56 - 138
Di-n-octyl phthalate	32.0	27.9		ug/L		87	45 - 135
Fluoranthene	32.0	29.8		ug/L		93	56 - 135
Fluorene	32.0	25.2		ug/L		79	52 - 124
Hexachlorobenzene	32.0	28.2		ug/L		88	49 - 127
Hexachlorobutadiene	32.0	22.6		ug/L		70	36 - 120
Hexachlorocyclopentadiene	32.0	9.88	J	ug/L		31	10 - 120
Hexachloroethane	32.0	22.0		ug/L		69	39 - 120
Indeno[1,2,3-cd]pyrene	32.0	31.1		ug/L		97	55 - 134
Isophorone	32.0	25.4		ug/L		79	50 - 127
N-Nitrosodi-n-propylamine	32.0	22.7		ug/L		71	49 - 128
N-Nitrosodiphenylamine	32.0	27.6		ug/L		86	53 - 127
Naphthalene	32.0	22.2		ug/L		69	46 - 120
Nitrobenzene	32.0	25.3		ug/L		79	50 - 123
Pentachlorophenol	64.0	54.6		ug/L		85	24 - 124
Phenanthrene	32.0	26.9		ug/L		84	54 - 120
Phenol	32.0	24.9		ug/L		78	10 - 120
Pyrene	32.0	26.2		ug/L		82	53 - 135
3 & 4 Methylphenol	32.0	25.6		ug/L		80	41 - 120

Method: 8270E - Semivolatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: LCS 240-632880/2-A
Matrix: Water
Analysis Batch: 634091

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 632880

Surrogate	LCS %Recovery	LCS Qualifier	Limits
Terphenyl-d14 (Surr)	*72*		*43 - 136*
Phenol-d5 (Surr)	*70*		*10 - 120*
Nitrobenzene-d5 (Surr)	*75*		*40 - 120*
2-Fluorophenol (Surr)	*106*		*10 - 127*
2-Fluorobiphenyl (Surr)	*75*		*41 - 120*
2,4,6-Tribromophenol (Surr)	*91*		*23 - 127*

Lab Sample ID: 240-213689-2 MS
Matrix: Water
Analysis Batch: 634091

Client Sample ID: SB-3-GW-18-28
Prep Type: Total/NA
Prep Batch: 632880

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
1,1'-Biphenyl	ND		30.8	23.2		ug/L		76	39 - 120
bis (2-chloroisopropyl) ether	ND		30.8	21.4		ug/L		69	31 - 120
2,4,5-Trichlorophenol	ND		30.8	32.1		ug/L		104	49 - 120
2,4,6-Trichlorophenol	ND		30.8	28.9		ug/L		94	49 - 120
2,4-Dichlorophenol	ND		30.8	31.7		ug/L		103	54 - 120
2,4-Dimethylphenol	ND		30.8	17.0		ug/L		55	21 - 120
2,4-Dinitrophenol	ND		61.5	54.7		ug/L		89	10 - 140
2,4-Dinitrotoluene	ND		30.8	33.8		ug/L		110	53 - 127
2,6-Dinitrotoluene	ND		30.8	32.8		ug/L		106	54 - 121
2-Chloronaphthalene	ND		30.8	23.0		ug/L		75	34 - 120
2-Chlorophenol	ND		30.8	33.4		ug/L		108	48 - 124
2-Methylnaphthalene	ND		30.8	19.4		ug/L		63	29 - 120
2-Methylphenol	ND		30.8	29.0		ug/L		94	31 - 131
2-Nitroaniline	ND		30.8	32.9		ug/L		107	55 - 124
2-Nitrophenol	ND		30.8	30.1		ug/L		98	51 - 120
3,3'-Dichlorobenzidine	ND		61.5	48.7		ug/L		79	10 - 153
3-Nitroaniline	ND		30.8	31.0		ug/L		101	18 - 155
4,6-Dinitro-2-methylphenol	ND		61.5	60.3		ug/L		98	29 - 131
4-Bromophenyl phenyl ether	ND		30.8	30.8		ug/L		100	45 - 120
4-Chloro-3-methylphenol	ND		30.8	29.4		ug/L		95	53 - 123
4-Chloroaniline	ND		30.8	12.8		ug/L		41	10 - 120
4-Chlorophenyl phenyl ether	ND		30.8	26.6		ug/L		87	45 - 120
4-Nitroaniline	ND	F1	30.8	NQ	E	ug/L			30 - 166
4-Nitrophenol	ND		61.5	56.3		ug/L		91	10 - 123
Acenaphthene	ND		30.8	24.2		ug/L		78	33 - 120
Acenaphthylene	ND		30.8	26.1		ug/L		85	34 - 120
Acetophenone	ND		30.8	25.3		ug/L		82	39 - 126
Anthracene	ND		30.8	29.6		ug/L		96	50 - 120
Atrazine	ND		30.8	32.0		ug/L		104	45 - 137
Benzaldehyde	ND		30.8	29.8		ug/L		97	40 - 158
Benzo[a]anthracene	ND		30.8	28.2		ug/L		92	47 - 131
Benzo[a]pyrene	ND		30.8	31.7		ug/L		103	44 - 120
Benzo[b]fluoranthene	ND		30.8	30.5		ug/L		99	46 - 122
Benzo[g,h,i]perylene	ND		30.8	31.9		ug/L		104	43 - 132
Benzo[k]fluoranthene	ND		30.8	29.5		ug/L		96	47 - 123
Bis(2-chloroethoxy)methane	ND		30.8	26.1		ug/L		85	52 - 120

Method: 8270E - Semivolatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: 240-213689-2 MS
Matrix: Water
Analysis Batch: 634091

Client Sample ID: SB-3-GW-18-28
Prep Type: Total/NA
Prep Batch: 632880

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Bis(2-chloroethyl)ether	ND		30.8	24.3		ug/L		79	43 - 120
Bis(2-ethylhexyl) phthalate	ND		30.8	27.7		ug/L		90	45 - 137
Butyl benzyl phthalate	ND		30.8	32.5		ug/L		106	44 - 139
Caprolactam	ND		30.8	10.9		ug/L		35	10 - 120
Carbazole	ND		30.8	29.7		ug/L		96	46 - 126
Chrysene	ND		30.8	27.3		ug/L		89	44 - 126
Dibenz(a,h)anthracene	ND		30.8	33.2		ug/L		108	45 - 130
Dibenzofuran	ND		30.8	25.4		ug/L		82	44 - 120
Diethyl phthalate	ND		30.8	28.5		ug/L		93	51 - 120
Dimethyl phthalate	ND		30.8	29.7		ug/L		97	36 - 127
Di-n-butyl phthalate	ND		30.8	30.1		ug/L		98	50 - 129
Di-n-octyl phthalate	ND		30.8	29.6		ug/L		96	45 - 128
Fluoranthene	ND		30.8	31.1		ug/L		101	51 - 126
Fluorene	ND		30.8	26.2		ug/L		85	45 - 120
Hexachlorobenzene	ND		30.8	30.0		ug/L		97	46 - 120
Hexachlorobutadiene	ND		30.8	10.8		ug/L		35	10 - 120
Hexachlorocyclopentadiene	ND		30.8	6.89	J	ug/L		22	10 - 120
Hexachloroethane	ND		30.8	10.3		ug/L		33	10 - 120
Indeno[1,2,3-cd]pyrene	ND		30.8	33.0		ug/L		107	43 - 133
Isophorone	ND		30.8	27.7		ug/L		90	52 - 120
N-Nitrosodi-n-propylamine	ND		30.8	25.7		ug/L		84	48 - 120
N-Nitrosodiphenylamine	ND		30.8	28.6		ug/L		93	50 - 120
Naphthalene	ND		30.8	17.3		ug/L		56	29 - 120
Nitrobenzene	ND		30.8	26.5		ug/L		86	48 - 120
Pentachlorophenol	ND		61.5	57.1		ug/L		93	10 - 124
Phenanthrene	ND		30.8	27.9		ug/L		91	48 - 120
Phenol	ND		30.8	30.4		ug/L		99	10 - 134
Pyrene	ND		30.8	28.0		ug/L		91	42 - 138
3 & 4 Methylphenol	ND		30.8	28.4		ug/L		92	23 - 127

Surrogate	*MS %Recovery*	*MS Qualifier*	*Limits*
Terphenyl-d14 (Surr)	*79*		*43 - 136*
Phenol-d5 (Surr)	*93*		*10 - 120*
Nitrobenzene-d5 (Surr)	*82*		*40 - 120*
2-Fluorophenol (Surr)	*127*		*10 - 127*
2-Fluorobiphenyl (Surr)	*81*		*41 - 120*
2,4,6-Tribromophenol (Surr)	*101*		*23 - 127*

Lab Sample ID: 240-213689-2 MSD
Matrix: Water
Analysis Batch: 634091

Client Sample ID: SB-3-GW-18-28
Prep Type: Total/NA
Prep Batch: 632880

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
1,1'-Biphenyl	ND		30.8	22.1		ug/L		72	39 - 120	5	32
bis (2-chloroisopropyl) ether	ND		30.8	20.2		ug/L		66	31 - 120	5	34
2,4,5-Trichlorophenol	ND		30.8	29.4		ug/L		96	49 - 120	9	32
2,4,6-Trichlorophenol	ND		30.8	28.5		ug/L		93	49 - 120	1	31
2,4-Dichlorophenol	ND		30.8	30.9		ug/L		100	54 - 120	2	31

Method: 8270E - Semivolatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: 240-213689-2 MSD
Matrix: Water
Analysis Batch: 634091

Client Sample ID: SB-3-GW-18-28
Prep Type: Total/NA
Prep Batch: 632880

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
2,4-Dimethylphenol	ND		30.8	19.7		ug/L		64	21 - 120	15	35
2,4-Dinitrophenol	ND		61.5	53.1		ug/L		86	10 - 140	3	35
2,4-Dinitrotoluene	ND		30.8	33.0		ug/L		107	53 - 127	2	30
2,6-Dinitrotoluene	ND		30.8	31.9		ug/L		104	54 - 121	3	32
2-Chloronaphthalene	ND		30.8	22.1		ug/L		72	34 - 120	4	34
2-Chlorophenol	ND		30.8	32.7		ug/L		106	48 - 124	2	35
2-Methylnaphthalene	ND		30.8	18.5		ug/L		60	29 - 120	5	34
2-Methylphenol	ND		30.8	28.9		ug/L		94	31 - 131	0	34
2-Nitroaniline	ND		30.8	32.1		ug/L		104	55 - 124	3	32
2-Nitrophenol	ND		30.8	29.3		ug/L		95	51 - 120	3	32
3,3'-Dichlorobenzidine	ND		61.5	49.4		ug/L		80	10 - 153	1	35
3-Nitroaniline	ND		30.8	30.7		ug/L		100	18 - 155	1	35
4,6-Dinitro-2-methylphenol	ND		61.5	60.1		ug/L		98	29 - 131	0	35
4-Bromophenyl phenyl ether	ND		30.8	29.5		ug/L		96	45 - 120	4	33
4-Chloro-3-methylphenol	ND		30.8	28.6		ug/L		93	53 - 123	3	31
4-Chloroaniline	ND		30.8	12.9		ug/L		42	10 - 120	1	35
4-Chlorophenyl phenyl ether	ND		30.8	26.0		ug/L		84	45 - 120	2	32
4-Nitroaniline	ND	F1	30.8	NQ	E F1	ug/L		0	30 - 166	NC	35
4-Nitrophenol	ND		61.5	54.9		ug/L		89	10 - 123	2	35
Acenaphthene	ND		30.8	23.7		ug/L		77	33 - 120	2	29
Acenaphthylene	ND		30.8	24.9		ug/L		81	34 - 120	4	31
Acetophenone	ND		30.8	24.4		ug/L		79	39 - 126	4	34
Anthracene	ND		30.8	28.1		ug/L		91	50 - 120	5	28
Atrazine	ND		30.8	31.0		ug/L		101	45 - 137	3	35
Benzaldehyde	ND		30.8	28.4		ug/L		92	40 - 158	5	35
Benzo[a]anthracene	ND		30.8	27.6		ug/L		90	47 - 131	2	29
Benzo[a]pyrene	ND		30.8	30.1		ug/L		98	44 - 120	5	28
Benzo[b]fluoranthene	ND		30.8	30.6		ug/L		100	46 - 122	0	30
Benzo[g,h,i]perylene	ND		30.8	30.3		ug/L		98	43 - 132	5	29
Benzo[k]fluoranthene	ND		30.8	27.4		ug/L		89	47 - 123	7	28
Bis(2-chloroethoxy)methane	ND		30.8	25.6		ug/L		83	52 - 120	2	32
Bis(2-chloroethyl)ether	ND		30.8	23.6		ug/L		77	43 - 120	3	35
Bis(2-ethylhexyl) phthalate	ND		30.8	27.4		ug/L		89	45 - 137	1	35
Butyl benzyl phthalate	ND		30.8	31.8		ug/L		103	44 - 139	2	32
Caprolactam	ND		30.8	10.6		ug/L		34	10 - 120	3	35
Carbazole	ND		30.8	29.0		ug/L		94	46 - 126	2	35
Chrysene	ND		30.8	26.7		ug/L		87	44 - 126	2	28
Dibenz(a,h)anthracene	ND		30.8	31.6		ug/L		103	45 - 130	5	28
Dibenzofuran	ND		30.8	24.2		ug/L		79	44 - 120	5	31
Diethyl phthalate	ND		30.8	27.6		ug/L		90	51 - 120	3	30
Dimethyl phthalate	ND		30.8	29.0		ug/L		94	36 - 127	2	31
Di-n-butyl phthalate	ND		30.8	29.5		ug/L		96	50 - 129	2	33
Di-n-octyl phthalate	ND		30.8	28.5		ug/L		93	45 - 128	4	33
Fluoranthene	ND		30.8	30.1		ug/L		98	51 - 126	3	29
Fluorene	ND		30.8	25.2		ug/L		82	45 - 120	4	29
Hexachlorobenzene	ND		30.8	28.8		ug/L		94	46 - 120	4	32
Hexachlorobutadiene	ND		30.8	10.6		ug/L		34	10 - 120	1	35
Hexachlorocyclopentadiene	ND		30.8	6.44	J	ug/L		21	10 - 120	7	35
Hexachloroethane	ND		30.8	11.1		ug/L		36	10 - 120	7	35

Method: 8270E - Semivolatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: 240-213689-2 MSD
Matrix: Water
Analysis Batch: 634091

Client Sample ID: SB-3-GW-18-28
Prep Type: Total/NA
Prep Batch: 632880

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Indeno[1,2,3-cd]pyrene	ND		30.8	31.3		ug/L		102	43 - 133	5	28
Isophorone	ND		30.8	27.1		ug/L		88	52 - 120	2	31
N-Nitrosodi-n-propylamine	ND		30.8	24.7		ug/L		80	48 - 120	4	33
N-Nitrosodiphenylamine	ND		30.8	27.6		ug/L		90	50 - 120	3	31
Naphthalene	ND		30.8	16.8		ug/L		55	29 - 120	3	35
Nitrobenzene	ND		30.8	26.5		ug/L		86	48 - 120	0	31
Pentachlorophenol	ND		61.5	53.3		ug/L		87	10 - 124	7	35
Phenanthrene	ND		30.8	27.1		ug/L		88	48 - 120	3	29
Phenol	ND		30.8	29.5		ug/L		96	10 - 134	3	35
Pyrene	ND		30.8	26.9		ug/L		87	42 - 138	4	28
3 & 4 Methylphenol	ND		30.8	28.4		ug/L		92	23 - 127	0	34

Surrogate	*MSD %Recovery*	*MSD Qualifier*	*Limits*
Terphenyl-d14 (Surr)	*77*		*43 - 136*
Phenol-d5 (Surr)	*89*		*10 - 120*
Nitrobenzene-d5 (Surr)	*81*		*40 - 120*
2-Fluorophenol (Surr)	*126*		*10 - 127*
2-Fluorobiphenyl (Surr)	*78*		*41 - 120*
2,4,6-Tribromophenol (Surr)	*99*		*23 - 127*

Method: 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Lab Sample ID: MB 240-632887/1-A
Matrix: Water
Analysis Batch: 633199

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 632887

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aroclor-1016	ND		0.10	0.056	ug/L		10/29/24 08:28	10/30/24 23:52	1
Aroclor-1221	ND		0.10	0.057	ug/L		10/29/24 08:28	10/30/24 23:52	1
Aroclor-1232	ND		0.10	0.074	ug/L		10/29/24 08:28	10/30/24 23:52	1
Aroclor-1242	ND		0.10	0.076	ug/L		10/29/24 08:28	10/30/24 23:52	1
Aroclor-1248	ND		0.10	0.050	ug/L		10/29/24 08:28	10/30/24 23:52	1
Aroclor-1254	ND		0.10	0.040	ug/L		10/29/24 08:28	10/30/24 23:52	1
Aroclor-1260	ND		0.10	0.046	ug/L		10/29/24 08:28	10/30/24 23:52	1
Aroclor-1262	ND		0.10	0.058	ug/L		10/29/24 08:28	10/30/24 23:52	1
Aroclor-1268	ND		0.10	0.062	ug/L		10/29/24 08:28	10/30/24 23:52	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Tetrachloro-m-xylene	*78*		*10 - 149*	*10/29/24 08:28*	*10/30/24 23:52*	*1*
DCB Decachlorobiphenyl	*95*		*10 - 174*	*10/29/24 08:28*	*10/30/24 23:52*	*1*

Lab Sample ID: LCS 240-632887/2-A
Matrix: Water
Analysis Batch: 633199

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 632887

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
Aroclor-1016			2.50	2.51		ug/L		100	28 - 140		
Aroclor-1260			2.50	2.66		ug/L		106	39 - 153		

Method: 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography (Continued)

Lab Sample ID: LCS 240-632887/2-A
Matrix: Water
Analysis Batch: 633199

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 632887

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
Tetrachloro-m-xylene	*81*		*10 - 149*
DCB Decachlorobiphenyl	*76*		*10 - 174*

Lab Sample ID: 240-213689-2 MS
Matrix: Water
Analysis Batch: 633199

Client Sample ID: SB-3-GW-18-28
Prep Type: Total/NA
Prep Batch: 632887

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Aroclor-1016	ND		2.45	2.11		ug/L		86	50 - 120
Aroclor-1260	ND		2.45	2.00		ug/L		82	39 - 135

Surrogate	*MS %Recovery*	*MS Qualifier*	*Limits*
Tetrachloro-m-xylene	*71*		*10 - 149*
DCB Decachlorobiphenyl	*64*		*10 - 174*

Lab Sample ID: 240-213689-2 MSD
Matrix: Water
Analysis Batch: 633199

Client Sample ID: SB-3-GW-18-28
Prep Type: Total/NA
Prep Batch: 632887

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Aroclor-1016	ND		2.45	2.32		ug/L		95	50 - 120	9	25
Aroclor-1260	ND		2.45	2.24		ug/L		92	39 - 135	11	26

Surrogate	*MSD %Recovery*	*MSD Qualifier*	*Limits*
Tetrachloro-m-xylene	*83*		*10 - 149*
DCB Decachlorobiphenyl	*85*		*10 - 174*

Method: 6010D - Metals (ICP)

Lab Sample ID: MB 240-632946/1-A
Matrix: Water
Analysis Batch: 633175

Client Sample ID: Method Blank
Prep Type: Total Recoverable
Prep Batch: 632946

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	ND		15	4.1	ug/L		10/29/24 14:00	10/31/24 01:58	1
Barium	ND		200	1.3	ug/L		10/29/24 14:00	10/31/24 01:58	1
Cadmium	ND		5.0	0.45	ug/L		10/29/24 14:00	10/31/24 01:58	1
Chromium	ND		10	0.76	ug/L		10/29/24 14:00	10/31/24 01:58	1
Copper	ND		25	3.5	ug/L		10/29/24 14:00	10/31/24 01:58	1
Lead	ND		10	2.8	ug/L		10/29/24 14:00	10/31/24 01:58	1
Selenium	ND		20	6.0	ug/L		10/29/24 14:00	10/31/24 01:58	1
Silver	ND		10	1.4	ug/L		10/29/24 14:00	10/31/24 01:58	1
Zinc	ND		50	23	ug/L		10/29/24 14:00	10/31/24 01:58	1

Method: 6010D - Metals (ICP) (Continued)

Lab Sample ID: LCS 240-632946/2-A
Matrix: Water
Analysis Batch: 633175

Client Sample ID: Lab Control Sample
Prep Type: Total Recoverable
Prep Batch: 632946

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Arsenic	2000	2050		ug/L		103	80 - 120
Barium	2000	1940		ug/L		97	80 - 120
Cadmium	1000	1010		ug/L		101	80 - 120
Chromium	1000	981		ug/L		98	80 - 120
Copper	1000	958		ug/L		96	80 - 120
Lead	1000	943		ug/L		94	80 - 120
Selenium	2000	2050		ug/L		103	80 - 120
Silver	100	96.7		ug/L		97	80 - 120
Zinc	1000	1020		ug/L		102	80 - 120

Lab Sample ID: 240-213689-2 MS
Matrix: Water
Analysis Batch: 633175

Client Sample ID: SB-3-GW-18-28
Prep Type: Total Recoverable
Prep Batch: 632946

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Arsenic	22		2000	2130		ug/L		105	75 - 125
Barium	35	J	2000	2000		ug/L		98	75 - 125
Cadmium	ND		1000	1020		ug/L		102	75 - 125
Chromium	2.6	J	1000	979		ug/L		98	75 - 125
Copper	ND		1000	966		ug/L		97	75 - 125
Lead	ND		1000	920		ug/L		92	75 - 125
Selenium	ND		2000	2070		ug/L		104	75 - 125
Silver	ND		100	96.7		ug/L		97	75 - 125
Zinc	ND		1000	1060		ug/L		106	75 - 125

Lab Sample ID: 240-213689-2 MSD
Matrix: Water
Analysis Batch: 633175

Client Sample ID: SB-3-GW-18-28
Prep Type: Total Recoverable
Prep Batch: 632946

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Arsenic	22		2000	2100		ug/L		104	75 - 125	1	20
Barium	35	J	2000	1990		ug/L		97	75 - 125	1	20
Cadmium	ND		1000	1000		ug/L		100	75 - 125	1	20
Chromium	2.6	J	1000	970		ug/L		97	75 - 125	1	20
Copper	ND		1000	957		ug/L		96	75 - 125	1	20
Lead	ND		1000	908		ug/L		91	75 - 125	1	20
Selenium	ND		2000	2050		ug/L		103	75 - 125	1	20
Silver	ND		100	95.9		ug/L		96	75 - 125	1	20
Zinc	ND		1000	1040		ug/L		104	75 - 125	2	20

Lab Sample ID: 240-213689-2 MS
Matrix: Water
Analysis Batch: 633175

Client Sample ID: SB-3-GW-18-28
Prep Type: Dissolved
Prep Batch: 632946

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Arsenic	21		2000	2200		ug/L		109	75 - 125
Barium	30	J	2000	2050		ug/L		101	75 - 125
Cadmium	ND		1000	1050		ug/L		105	75 - 125
Chromium	ND		1000	1000		ug/L		100	75 - 125

Method: 6010D - Metals (ICP) (Continued)

Lab Sample ID: 240-213689-2 MS
Matrix: Water
Analysis Batch: 633175

Client Sample ID: SB-3-GW-18-28
Prep Type: Dissolved
Prep Batch: 632946

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Copper	ND		1000	992		ug/L		99	75 - 125
Lead	ND		1000	945		ug/L		95	75 - 125
Selenium	ND		2000	2140		ug/L		107	75 - 125
Silver	ND		100	99.6		ug/L		100	75 - 125
Zinc	ND		1000	1080		ug/L		108	75 - 125

Lab Sample ID: 240-213689-2 MSD
Matrix: Water
Analysis Batch: 633175

Client Sample ID: SB-3-GW-18-28
Prep Type: Dissolved
Prep Batch: 632946

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Arsenic	21		2000	2200		ug/L		109	75 - 125	0	20
Barium	30	J	2000	2050		ug/L		101	75 - 125	0	20
Cadmium	ND		1000	1050		ug/L		105	75 - 125	0	20
Chromium	ND		1000	1010		ug/L		101	75 - 125	0	20
Copper	ND		1000	994		ug/L		99	75 - 125	0	20
Lead	ND		1000	948		ug/L		95	75 - 125	0	20
Selenium	ND		2000	2140		ug/L		107	75 - 125	0	20
Silver	ND		100	99.6		ug/L		100	75 - 125	0	20
Zinc	ND		1000	1080		ug/L		108	75 - 125	0	20

Method: 7470A - Mercury (CVAA)

Lab Sample ID: MB 240-632947/1-A
Matrix: Water
Analysis Batch: 633205

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 632947

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	ND		0.20	0.13	ug/L		10/29/24 14:00	10/30/24 13:34	1

Lab Sample ID: LCS 240-632947/2-A
Matrix: Water
Analysis Batch: 633205

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 632947

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Mercury	5.00	4.64		ug/L		93	80 - 120

Lab Sample ID: MB 240-633352/1-A
Matrix: Water
Analysis Batch: 633602

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 633352

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	ND		0.20	0.13	ug/L		10/31/24 14:00	11/01/24 13:58	1

Lab Sample ID: LCS 240-633352/2-A
Matrix: Water
Analysis Batch: 633602

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 633352

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Mercury	5.00	5.04		ug/L		101	80 - 120

Method: 7470A - Mercury (CVAA) (Continued)

Lab Sample ID: 240-213689-2 MS
Matrix: Water
Analysis Batch: 633602

Client Sample ID: SB-3-GW-18-28
Prep Type: Total/NA
Prep Batch: 633352

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Mercury	ND		1.00	0.973		ug/L		97	80 - 120

Lab Sample ID: 240-213689-2 MSD
Matrix: Water
Analysis Batch: 633602

Client Sample ID: SB-3-GW-18-28
Prep Type: Total/NA
Prep Batch: 633352

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Mercury	ND		1.00	0.971		ug/L		97	80 - 120	0	20

Lab Sample ID: 240-213689-2 MS
Matrix: Water
Analysis Batch: 633205

Client Sample ID: SB-3-GW-18-28
Prep Type: Dissolved
Prep Batch: 632947

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Mercury	ND		1.00	1.00		ug/L		100	80 - 120

Lab Sample ID: 240-213689-2 MSD
Matrix: Water
Analysis Batch: 633205

Client Sample ID: SB-3-GW-18-28
Prep Type: Dissolved
Prep Batch: 632947

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Mercury	ND		1.00	0.992		ug/L		99	80 - 120	1	20

Method: 7196A - Chromium, Hexavalent

Lab Sample ID: MB 240-632306/3
Matrix: Water
Analysis Batch: 632306

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chromium, hexavalent	ND		0.020	0.0070	mg/L			10/24/24 11:58	1

Lab Sample ID: LCS 240-632306/4
Matrix: Water
Analysis Batch: 632306

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Chromium, hexavalent	0.250	0.248		mg/L		99	85 - 115

Lab Sample ID: 240-213689-2 MS
Matrix: Water
Analysis Batch: 632306

Client Sample ID: SB-3-GW-18-28
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Chromium, hexavalent	ND	F1	0.250	0.0887	F1	mg/L		35	85 - 115

Method: 7196A - Chromium, Hexavalent (Continued)

Lab Sample ID: 240-213689-2 MS
Matrix: Water
Analysis Batch: 632306

Client Sample ID: SB-3-GW-18-28
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Chromium, hexavalent	ND		6.25	5.55		mg/L		89	85 - 115

Lab Sample ID: 240-213689-2 MSD
Matrix: Water
Analysis Batch: 632306

Client Sample ID: SB-3-GW-18-28
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Chromium, hexavalent	ND	F1	0.250	0.105	F1	mg/L		42	85 - 115	17	20

Lab Sample ID: 240-213689-2 MSD
Matrix: Water
Analysis Batch: 632306

Client Sample ID: SB-3-GW-18-28
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Chromium, hexavalent	ND		6.25	5.84		mg/L		94	85 - 115	5	20

Lab Sample ID: 240-213689-2 MS
Matrix: Water
Analysis Batch: 632306

Client Sample ID: SB-3-GW-18-28
Prep Type: Dissolved

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Chromium, hexavalent	ND	F1	0.250	0.158	F1	mg/L		63	85 - 115

Lab Sample ID: 240-213689-2 MS
Matrix: Water
Analysis Batch: 632306

Client Sample ID: SB-3-GW-18-28
Prep Type: Dissolved

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Chromium, hexavalent	ND		6.25	5.65		mg/L		90	85 - 115

Lab Sample ID: 240-213689-2 MSD
Matrix: Water
Analysis Batch: 632306

Client Sample ID: SB-3-GW-18-28
Prep Type: Dissolved

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Chromium, hexavalent	ND	F1	0.250	0.149	F1	mg/L		60	85 - 115	6	20

Lab Sample ID: 240-213689-2 MSD
Matrix: Water
Analysis Batch: 632306

Client Sample ID: SB-3-GW-18-28
Prep Type: Dissolved

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Chromium, hexavalent	ND		6.25	5.46		mg/L		87	85 - 115	3	20

Method: 9012B - Cyanide, Total andor Amenable

Lab Sample ID: MB 240-633859/1-A
Matrix: Water
Analysis Batch: 633880

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 633859

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cyanide, Total	ND		0.010	0.0060	mg/L		11/04/24 14:01	11/04/24 14:43	1

Lab Sample ID: LCS 240-633859/2-A
Matrix: Water
Analysis Batch: 633880

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 633859

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
Cyanide, Total			0.327	0.320		mg/L		98	85 - 115		

Lab Sample ID: 240-213689-2 MS
Matrix: Water
Analysis Batch: 633880

Client Sample ID: SB-3-GW-18-28
Prep Type: Total/NA
Prep Batch: 633859

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits		
Cyanide, Total	ND		0.0400	0.0403		mg/L		101	22 - 135		

Lab Sample ID: 240-213689-2 MSD
Matrix: Water
Analysis Batch: 633880

Client Sample ID: SB-3-GW-18-28
Prep Type: Total/NA
Prep Batch: 633859

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Cyanide, Total	ND		0.0400	0.0339		mg/L		85	22 - 135	17	40

Method: OIA-1677 - Cyanide, Free (Flow Injection)

Lab Sample ID: MB 410-571686/17
Matrix: Water
Analysis Batch: 571686

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cyanide, Free	ND		0.0060	0.0050	mg/L			11/05/24 12:51	1

Lab Sample ID: MB 410-571686/33
Matrix: Water
Analysis Batch: 571686

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cyanide, Free	ND		0.0060	0.0050	mg/L			11/05/24 13:31	1

Lab Sample ID: LCS 410-571686/16
Matrix: Water
Analysis Batch: 571686

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
Cyanide, Free			0.0500	0.0528		mg/L		106	82 - 132		

Method: OIA-1677 - Cyanide, Free (Flow Injection) (Continued)

Lab Sample ID: LCS 410-571686/32
Matrix: Water
Analysis Batch: 571686

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
Cyanide, Free			0.0500	0.0545		mg/L		109	82 - 132		

Lab Sample ID: MB 410-572622/17
Matrix: Water
Analysis Batch: 572622

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cyanide, Free	ND		0.0060	0.0050	mg/L			11/07/24 13:45	1

Lab Sample ID: LCS 410-572622/16
Matrix: Water
Analysis Batch: 572622

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
Cyanide, Free			0.0500	0.0511		mg/L		102	82 - 132		

Lab Sample ID: 240-213689-2 MS
Matrix: Water
Analysis Batch: 572622

Client Sample ID: SB-3-GW-18-28
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits		
Cyanide, Free	ND		0.0500	0.0531		mg/L		106	82 - 130		

Lab Sample ID: 240-213689-2 MSD
Matrix: Water
Analysis Batch: 572622

Client Sample ID: SB-3-GW-18-28
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Cyanide, Free	ND		0.0500	0.0525		mg/L		105	82 - 130	1	11

GC/MS VOA

Analysis Batch: 633658

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
240-213689-1	SB-1-GW-18-28	Total/NA	Water	8260D	
240-213689-2	SB-3-GW-18-28	Total/NA	Water	8260D	
240-213689-3	TB-1-20241024	Total/NA	Water	8260D	
240-213689-4	TB-2-20241024	Total/NA	Water	8260D	
MB 240-633658/10	Method Blank	Total/NA	Water	8260D	
LCS 240-633658/6	Lab Control Sample	Total/NA	Water	8260D	
240-213689-2 MS	SB-3-GW-18-28	Total/NA	Water	8260D	
240-213689-2 MSD	SB-3-GW-18-28	Total/NA	Water	8260D	

GC/MS Semi VOA

Prep Batch: 632880

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
240-213689-1	SB-1-GW-18-28	Total/NA	Water	3510C LVI	
240-213689-2	SB-3-GW-18-28	Total/NA	Water	3510C LVI	
MB 240-632880/1-A	Method Blank	Total/NA	Water	3510C LVI	
LCS 240-632880/2-A	Lab Control Sample	Total/NA	Water	3510C LVI	
240-213689-2 MS	SB-3-GW-18-28	Total/NA	Water	3510C LVI	
240-213689-2 MSD	SB-3-GW-18-28	Total/NA	Water	3510C LVI	

Analysis Batch: 634091

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
240-213689-1	SB-1-GW-18-28	Total/NA	Water	8270E	632880
240-213689-2	SB-3-GW-18-28	Total/NA	Water	8270E	632880
LCS 240-632880/2-A	Lab Control Sample	Total/NA	Water	8270E	632880
240-213689-2 MS	SB-3-GW-18-28	Total/NA	Water	8270E	632880
240-213689-2 MSD	SB-3-GW-18-28	Total/NA	Water	8270E	632880

Analysis Batch: 634284

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
MB 240-632880/1-A	Method Blank	Total/NA	Water	8270E	632880

GC Semi VOA

Prep Batch: 632887

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
240-213689-1	SB-1-GW-18-28	Total/NA	Water	3510C	
240-213689-2	SB-3-GW-18-28	Total/NA	Water	3510C	
MB 240-632887/1-A	Method Blank	Total/NA	Water	3510C	
LCS 240-632887/2-A	Lab Control Sample	Total/NA	Water	3510C	
240-213689-2 MS	SB-3-GW-18-28	Total/NA	Water	3510C	
240-213689-2 MSD	SB-3-GW-18-28	Total/NA	Water	3510C	

Analysis Batch: 633199

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
240-213689-1	SB-1-GW-18-28	Total/NA	Water	8082A	632887
240-213689-2	SB-3-GW-18-28	Total/NA	Water	8082A	632887
MB 240-632887/1-A	Method Blank	Total/NA	Water	8082A	632887
LCS 240-632887/2-A	Lab Control Sample	Total/NA	Water	8082A	632887
240-213689-2 MS	SB-3-GW-18-28	Total/NA	Water	8082A	632887
240-213689-2 MSD	SB-3-GW-18-28	Total/NA	Water	8082A	632887

Metals

Prep Batch: 632946

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
240-213689-1	SB-1-GW-18-28	Dissolved	Water	3005A	
240-213689-1	SB-1-GW-18-28	Total Recoverable	Water	3005A	
240-213689-2	SB-3-GW-18-28	Dissolved	Water	3005A	
240-213689-2	SB-3-GW-18-28	Total Recoverable	Water	3005A	
MB 240-632946/1-A	Method Blank	Total Recoverable	Water	3005A	
LCS 240-632946/2-A	Lab Control Sample	Total Recoverable	Water	3005A	
240-213689-2 MS	SB-3-GW-18-28	Dissolved	Water	3005A	
240-213689-2 MS	SB-3-GW-18-28	Total Recoverable	Water	3005A	
240-213689-2 MSD	SB-3-GW-18-28	Dissolved	Water	3005A	
240-213689-2 MSD	SB-3-GW-18-28	Total Recoverable	Water	3005A	

Prep Batch: 632947

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
240-213689-1	SB-1-GW-18-28	Dissolved	Water	7470A	
240-213689-1	SB-1-GW-18-28	Total/NA	Water	7470A	
240-213689-2	SB-3-GW-18-28	Dissolved	Water	7470A	
MB 240-632947/1-A	Method Blank	Total/NA	Water	7470A	
LCS 240-632947/2-A	Lab Control Sample	Total/NA	Water	7470A	
240-213689-2 MS	SB-3-GW-18-28	Dissolved	Water	7470A	
240-213689-2 MSD	SB-3-GW-18-28	Dissolved	Water	7470A	

Analysis Batch: 633175

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
240-213689-1	SB-1-GW-18-28	Dissolved	Water	6010D	632946
240-213689-1	SB-1-GW-18-28	Total Recoverable	Water	6010D	632946
240-213689-2	SB-3-GW-18-28	Dissolved	Water	6010D	632946
240-213689-2	SB-3-GW-18-28	Total Recoverable	Water	6010D	632946
MB 240-632946/1-A	Method Blank	Total Recoverable	Water	6010D	632946
LCS 240-632946/2-A	Lab Control Sample	Total Recoverable	Water	6010D	632946
240-213689-2 MS	SB-3-GW-18-28	Dissolved	Water	6010D	632946
240-213689-2 MS	SB-3-GW-18-28	Total Recoverable	Water	6010D	632946
240-213689-2 MSD	SB-3-GW-18-28	Dissolved	Water	6010D	632946
240-213689-2 MSD	SB-3-GW-18-28	Total Recoverable	Water	6010D	632946

Analysis Batch: 633205

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
240-213689-1	SB-1-GW-18-28	Dissolved	Water	7470A	632947
240-213689-1	SB-1-GW-18-28	Total/NA	Water	7470A	632947
240-213689-2	SB-3-GW-18-28	Dissolved	Water	7470A	632947
MB 240-632947/1-A	Method Blank	Total/NA	Water	7470A	632947
LCS 240-632947/2-A	Lab Control Sample	Total/NA	Water	7470A	632947
240-213689-2 MS	SB-3-GW-18-28	Dissolved	Water	7470A	632947
240-213689-2 MSD	SB-3-GW-18-28	Dissolved	Water	7470A	632947

Prep Batch: 633352

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
240-213689-2	SB-3-GW-18-28	Total/NA	Water	7470A	
MB 240-633352/1-A	Method Blank	Total/NA	Water	7470A	
LCS 240-633352/2-A	Lab Control Sample	Total/NA	Water	7470A	
240-213689-2 MS	SB-3-GW-18-28	Total/NA	Water	7470A	
240-213689-2 MSD	SB-3-GW-18-28	Total/NA	Water	7470A	

Metals

Analysis Batch: 633602

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
240-213689-2	SB-3-GW-18-28	Total/NA	Water	7470A	633352
MB 240-633352/1-A	Method Blank	Total/NA	Water	7470A	633352
LCS 240-633352/2-A	Lab Control Sample	Total/NA	Water	7470A	633352
240-213689-2 MS	SB-3-GW-18-28	Total/NA	Water	7470A	633352
240-213689-2 MSD	SB-3-GW-18-28	Total/NA	Water	7470A	633352

General Chemistry

Analysis Batch: 571686

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
240-213689-1	SB-1-GW-18-28	Total/NA	Water	OIA-1677	
MB 410-571686/17	Method Blank	Total/NA	Water	OIA-1677	
MB 410-571686/33	Method Blank	Total/NA	Water	OIA-1677	
LCS 410-571686/16	Lab Control Sample	Total/NA	Water	OIA-1677	
LCS 410-571686/32	Lab Control Sample	Total/NA	Water	OIA-1677	

Analysis Batch: 572622

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
240-213689-2	SB-3-GW-18-28	Total/NA	Water	OIA-1677	
MB 410-572622/17	Method Blank	Total/NA	Water	OIA-1677	
LCS 410-572622/16	Lab Control Sample	Total/NA	Water	OIA-1677	
240-213689-2 MS	SB-3-GW-18-28	Total/NA	Water	OIA-1677	
240-213689-2 MSD	SB-3-GW-18-28	Total/NA	Water	OIA-1677	

Analysis Batch: 632306

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
240-213689-1	SB-1-GW-18-28	Dissolved	Water	7196A	
240-213689-1	SB-1-GW-18-28	Total/NA	Water	7196A	
240-213689-2	SB-3-GW-18-28	Dissolved	Water	7196A	
240-213689-2	SB-3-GW-18-28	Dissolved	Water	7196A	
240-213689-2	SB-3-GW-18-28	Total/NA	Water	7196A	
240-213689-2	SB-3-GW-18-28	Total/NA	Water	7196A	
MB 240-632306/3	Method Blank	Total/NA	Water	7196A	
LCS 240-632306/4	Lab Control Sample	Total/NA	Water	7196A	
240-213689-2 MS	SB-3-GW-18-28	Dissolved	Water	7196A	
240-213689-2 MS	SB-3-GW-18-28	Dissolved	Water	7196A	
240-213689-2 MS	SB-3-GW-18-28	Total/NA	Water	7196A	
240-213689-2 MS	SB-3-GW-18-28	Total/NA	Water	7196A	
240-213689-2 MSD	SB-3-GW-18-28	Dissolved	Water	7196A	
240-213689-2 MSD	SB-3-GW-18-28	Dissolved	Water	7196A	
240-213689-2 MSD	SB-3-GW-18-28	Total/NA	Water	7196A	
240-213689-2 MSD	SB-3-GW-18-28	Total/NA	Water	7196A	

Prep Batch: 633859

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
240-213689-1	SB-1-GW-18-28	Total/NA	Water	9012B	
240-213689-2	SB-3-GW-18-28	Total/NA	Water	9012B	
MB 240-633859/1-A	Method Blank	Total/NA	Water	9012B	
LCS 240-633859/2-A	Lab Control Sample	Total/NA	Water	9012B	
240-213689-2 MS	SB-3-GW-18-28	Total/NA	Water	9012B	
240-213689-2 MSD	SB-3-GW-18-28	Total/NA	Water	9012B	

QC Association Summary

Client: August Mack Environmental, Inc.
Project/Site: MSC Canfield

Job ID: 240-213689-1

General Chemistry

Analysis Batch: 633880

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
240-213689-1	SB-1-GW-18-28	Total/NA	Water	9012B	633859
240-213689-2	SB-3-GW-18-28	Total/NA	Water	9012B	633859
MB 240-633859/1-A	Method Blank	Total/NA	Water	9012B	633859
LCS 240-633859/2-A	Lab Control Sample	Total/NA	Water	9012B	633859
240-213689-2 MS	SB-3-GW-18-28	Total/NA	Water	9012B	633859
240-213689-2 MSD	SB-3-GW-18-28	Total/NA	Water	9012B	633859

Lab Chronicle

Client: August Mack Environmental, Inc.
Project/Site: MSC Canfield

Job ID: 240-213689-1

Client Sample ID: SB-1-GW-18-28

Lab Sample ID: 240-213689-1

Date Collected: 10/24/24 08:52

Matrix: Water

Date Received: 10/24/24 16:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260D		1	633658	HMB	EET CLE	11/02/24 16:39
Total/NA	Prep	3510C LVI			632880	CR2J	EET CLE	10/29/24 08:12
Total/NA	Analysis	8270E		1	634091	MRU	EET CLE	11/06/24 14:19
Total/NA	Prep	3510C			632887	CR2J	EET CLE	10/29/24 08:28
Total/NA	Analysis	8082A		1	633199	LSH	EET CLE	10/31/24 00:16
Dissolved	Prep	3005A			632946	BN	EET CLE	10/29/24 14:00
Dissolved	Analysis	6010D		1	633175	RKT	EET CLE	10/31/24 03:00
Total Recoverable	Prep	3005A			632946	BN	EET CLE	10/29/24 14:00
Total Recoverable	Analysis	6010D		1	633175	RKT	EET CLE	10/31/24 02:56
Dissolved	Prep	7470A			632947	BN	EET CLE	10/29/24 14:00
Dissolved	Analysis	7470A		1	633205	S4FJ	EET CLE	10/30/24 13:52
Total/NA	Prep	7470A			632947	BN	EET CLE	10/29/24 14:00
Total/NA	Analysis	7470A		1	633205	S4FJ	EET CLE	10/30/24 13:47
Dissolved	Analysis	7196A		1	632306	AAP	EET CLE	10/24/24 16:44
Total/NA	Analysis	7196A		10	632306	AAP	EET CLE	10/24/24 16:44
Total/NA	Prep	9012B			633859	VH6H	EET CLE	11/04/24 14:01
Total/NA	Analysis	9012B		1	633880	VH6H	EET CLE	11/04/24 15:32
Total/NA	Analysis	OIA-1677		1	571686	UJE2	ELLE	11/05/24 12:53

Client Sample ID: SB-3-GW-18-28

Lab Sample ID: 240-213689-2

Date Collected: 10/24/24 11:30

Matrix: Water

Date Received: 10/24/24 16:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260D		1	633658	HMB	EET CLE	11/02/24 17:05
Total/NA	Prep	3510C LVI			632880	CR2J	EET CLE	10/29/24 08:12
Total/NA	Analysis	8270E		1	634091	MRU	EET CLE	11/06/24 14:42
Total/NA	Prep	3510C			632887	CR2J	EET CLE	10/29/24 08:28
Total/NA	Analysis	8082A		1	633199	LSH	EET CLE	10/31/24 00:27
Dissolved	Prep	3005A			632946	BN	EET CLE	10/29/24 14:00
Dissolved	Analysis	6010D		1	633175	RKT	EET CLE	10/31/24 02:35
Total Recoverable	Prep	3005A			632946	BN	EET CLE	10/29/24 14:00
Total Recoverable	Analysis	6010D		1	633175	RKT	EET CLE	10/31/24 02:06
Dissolved	Prep	7470A			632947	BN	EET CLE	10/29/24 14:00
Dissolved	Analysis	7470A		1	633205	S4FJ	EET CLE	10/30/24 13:42
Total/NA	Prep	7470A			633352	XWS6	EET CLE	10/31/24 14:00
Total/NA	Analysis	7470A		1	633602	S4FJ	EET CLE	11/01/24 14:32
Dissolved	Analysis	7196A		1	632306	AAP	EET CLE	10/24/24 16:44
Dissolved	Analysis	7196A		25	632306	AAP	EET CLE	10/24/24 17:21
Total/NA	Analysis	7196A		1	632306	AAP	EET CLE	10/24/24 16:44
Total/NA	Analysis	7196A		25	632306	AAP	EET CLE	10/24/24 17:21
Total/NA	Prep	9012B			633859	VH6H	EET CLE	11/04/24 14:01
Total/NA	Analysis	9012B		1	633880	VH6H	EET CLE	11/04/24 15:11

Lab Chronicle

Client: August Mack Environmental, Inc.
Project/Site: MSC Canfield

Job ID: 240-213689-1

Client Sample ID: SB-3-GW-18-28

Lab Sample ID: 240-213689-2

Date Collected: 10/24/24 11:30

Matrix: Water

Date Received: 10/24/24 16:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	OIA-1677		1	572622	UJE2	ELLE	11/07/24 13:47

Client Sample ID: TB-1-20241024

Lab Sample ID: 240-213689-3

Date Collected: 10/24/24 00:00

Matrix: Water

Date Received: 10/24/24 16:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260D		1	633658	HMB	EET CLE	11/02/24 14:56

Client Sample ID: TB-2-20241024

Lab Sample ID: 240-213689-4

Date Collected: 10/24/24 00:00

Matrix: Water

Date Received: 10/24/24 16:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260D		1	633658	HMB	EET CLE	11/02/24 15:22

Laboratory References:

EET CLE = Eurofins Cleveland, 180 S. Van Buren Avenue, Barberton, OH 44203, TEL (330)497-9396

ELLE = Eurofins Lancaster Laboratories Environment Testing, LLC, 2425 New Holland Pike, Lancaster, PA 17601, TEL (717)656-2300

Accreditation/Certification Summary

Client: August Mack Environmental, Inc.
Project/Site: MSC Canfield

Job ID: 240-213689-1

Laboratory: Eurofins Cleveland

All accreditations/certifications held by this laboratory are listed. Not all accreditations/certifications are applicable to this report.

Authority	Program	Identification Number	Expiration Date
California	State	2927	02-28-25
Connecticut	State	PH-0806	12-31-26
Georgia	State	4062	02-27-25
Illinois	NELAP	200004	08-31-25
Iowa	State	421	06-01-25
Kentucky (UST)	State	112225	02-27-25
Kentucky (WW)	State	KY98016	12-30-24
Minnesota	NELAP	039-999-348	12-31-24
New Hampshire	NELAP	225024	09-30-25
New Jersey	NELAP	OH001	07-03-25
New York	NELAP	10975	04-02-25
Ohio VAP	State	ORELAP 4062	02-27-25
Oregon	NELAP	4062	02-27-25
Pennsylvania	NELAP	68-00340	08-31-25
Texas	NELAP	T104704517-22-19	08-31-25
USDA	US Federal Programs	P330-18-00281	01-05-27
Virginia	NELAP	460175	09-14-25
West Virginia DEP	State	210	12-31-24

Laboratory: Eurofins Lancaster Laboratories Environment Testing, LLC

All accreditations/certifications held by this laboratory are listed. Not all accreditations/certifications are applicable to this report.

Authority	Program	Identification Number	Expiration Date
A2LA	Dept. of Defense ELAP	0001.01	11-30-26
A2LA	ISO/IEC 17025	0001.01	11-30-26
Alabama	State	43200	01-31-25
Alaska	State	PA00009	06-30-25
Alaska (UST)	State	17-027	02-28-25
Arizona	State	AZ0780	03-12-25
Arkansas DEQ	State	88-00660	08-09-25
California	State	2792	11-30-24
Colorado	State	PA00009	06-30-25
Connecticut	State	PH-0746	06-30-25
DE Haz. Subst. Cleanup Act (HSCA)	State	019-006 (PA cert)	01-31-25
Delaware (DW)	State	N/A	01-31-25
Florida	NELAP	E87997	06-30-25
Georgia (DW)	State	C048	01-31-25
Hawaii	State	N/A	01-31-25
Illinois	NELAP	200027	01-31-25
Iowa	State	361	03-01-26
Kentucky (DW)	State	KY90088	12-31-24
Kentucky (UST)	State	0001.01	11-30-26
Kentucky (WW)	State	KY90088	12-31-24
Louisiana (All)	NELAP	02055	06-30-25
Maine	State	2019012	03-12-25
Maryland	State	100	06-30-25
Massachusetts	State	M-PA009	06-30-25
Michigan	State	9930	01-31-25
Minnesota	NELAP	042-999-487	12-31-24
Mississippi	State	023	01-31-25

Accreditation/Certification Summary

Client: August Mack Environmental, Inc. Job ID: 240-213689-1
Project/Site: MSC Canfield

Laboratory: Eurofins Lancaster Laboratories Environment Testing, LLC (Continued)

All accreditations/certifications held by this laboratory are listed. Not all accreditations/certifications are applicable to this report.

Authority	Program	Identification Number	Expiration Date
Missouri	State	450	01-31-25
Montana (DW)	State	0098	01-01-25
Nebraska	State	NE-OS-32-17	01-31-25
New Hampshire	NELAP	2730	01-10-25
New Jersey	NELAP	PA011	06-30-25
New York	NELAP	10670	04-01-25
North Carolina (DW)	State	42705	07-31-25
North Carolina (WW/SW)	State	521	12-31-25
North Dakota	State	R-205	01-31-24 *
Oklahoma	NELAP	9804	08-31-24 *
Oregon	NELAP	PA200001	09-11-25
Pennsylvania	NELAP	36-00037	01-31-25
Quebec Ministry of Environment and Fight against Climate Change	PALA	507	09-16-29
Rhode Island	State	LAO00338	12-30-24
South Carolina	State	89002	01-31-25
Tennessee	State	02838	01-31-25
Texas	NELAP	T104704194-23-46	08-31-25
USDA	US Federal Programs	525-22-298-19481	10-25-25
Vermont	State	VT - 36037	10-28-25
Virginia	NELAP	460182	06-14-25
Washington	State	C457	04-11-25
West Virginia (DW)	State	9906 C	01-31-25
West Virginia DEP	State	055	07-31-25
Wyoming	State	8TMS-L	01-31-25
Wyoming (UST)	A2LA	0001.01	11-30-26

* Accreditation/Certification renewal pending - accreditation/certification considered valid.

Eurofins Cleveland
180 S. Van Buren Avenue
Barberton, OH 44203
Phone: 330-497-9396 Fax: 330-497-0772

Chain of Custody Record

eurofins | Environment Testing

Client Information	Sampler: Nathan White	Lab PM: Kalis, Nicole A	Carrier Tracking No(s):	COC No: 240-125124-43640.9
Client Contact: Kain Lager-Lowe	Phone:	E-Mail: Nicole.Kalis@et.eurofinsus.com	State of Origin:	Page: Page 1 of 1
Company: August Mack Environmental, Inc.	PWSID:			Job #:
Address: 7830 North Central Drive, Suite B	Due Date Requested:			
City: Lewis Center	TAT Requested (days): Standard			
State, Zip: OH, 43035	Compliance Project: Δ Yes Δ No			
Phone: 740-548-1515(Tel)	PO #: 20240365			
Email: klagerlowe@augustmack.com	WO #:			
Project Name: MSC Canfield	Project #: 24033889			
Site:	SSOW#:			

Analysis Requested

Preservation Codes:
N - None
D - HNO3
A - HCL
B - NaOH
BO - NaOH/NaArsenite

Sample Identification	Sample Date	Sample Time	Sample Type (C=comp, G=grab)	Matrix (W=water, S=solid, O=waste/oil, BT=Tissue, A=Air)	Field Filtered Sample (Yes or No)	8082A_6020_Sep_Aroclor	6040D_TMAH_DOE	6010D/7470A - Total Metals	7196A_Cr6_Dissolved	1677_Free_Cyanide	8270E - SVOC	7196A - Diss. Hexavalent Chromium - Field Filter	6010D, 7470A - Diss. Metals RCRA8 Cu, Zn	8260D - VOC	8082A - PCB	7196A - Total Hex Chrom	9012B - Total Cyanide	1677_Free - Free Cyanide	Total Number of containers	Special Instructions/Note:
Preservation Code:						N	N	D	N	N	N	N	D	A	N	N	B	BO		
SB-1-GW-18-28	10/24	0850	G	Water	X			X			X	X	X	X	X	X	X	X		
SB-3-GW-18-28	10/24	1130	G	Water	X	X		X			X	X	X	X	X	X	X	X		MS/MSD
TB-1-20241024	—	—	—	Water										X						
TB-2-20241024	—	—	—	Water										X					1	
				Water																
				Water																
				Water																
				Water																
				Water																
				Water																

240-213689 COC

Possible Hazard Identification	Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)
☐ Non-Hazard ☐ Flammable ☐ Skin Irritant ☐ Poison B ☐ Unknown ☐ Radiological	☐ Return To Client ☐ Disposal By Lab ☐ Archive For _____ Months
Deliverable Requested: I, II, III, IV, Other (specify)	Special Instructions/QC Requirements:

Empty Kit Relinquished by:	Date:	Time:	Method of Shipment:

Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company
Jeff Webber	10-24-24 1446	AME		10/24/24 1446	EUR
Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company
	10-24-24 1600	EUR	JMOROSKO	10/24/24 1600	EETM
Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company

Custody Seals Intact: Δ Yes Δ No	Custody Seal No.:	Cooler Temperature(s) °C and Other Remarks:

Eurofins – Cleveland Sample Receipt Form/Narrative **Login # :**
Barberton Facility

Client AUGUST MACK Site Name

Cooler unpacked by: JMOROSKO

Cooler Received on 10/29/24 Opened on 10/29/24

FedEx. 1st Grd Exp UPS FAS Waypoint Client Drop Off Eurofins Courier Other

Receipt After-hours Drop-off Date/Time JM 10/29 Storage Location

Eurofins Cooler # EC Foam Box Client Cooler Box Other

Packing material used. Bubble Wrap Foam Plastic Bag None Other

COOLANT Wet Ice Blue Ice Dry Ice Water None

1 Cooler temperature upon receipt ☒ See Multiple Cooler Form

IR GUN # 24 (CF TO 0 °C) Observed Cooler Temp °C Corrected Cooler Temp. °C

2. Were tamper/custody seals on the outside of the cooler(s)? If Yes Quantity	Yes (No)	**Tests that are not checked for pH by Receiving:**
-Were the seals on the outside of the cooler(s) signed & dated?	Yes No (NA)	
-Were tamper/custody seals on the bottle(s) or bottle kits (LLHg/MeHg)?	Yes (No)	**VOAs**
-Were tamper/custody seals intact and uncompromised?	Yes No (NA)	**Oil and Grease**
3 Shippers' packing slip attached to the cooler(s)?	Yes (No)	**TOC**
4. Did custody papers accompany the sample(s)?	(Yes) No	
5 Were the custody papers relinquished & signed in the appropriate place?	(Yes) No	
6. Was/were the person(s) who collected the samples clearly identified on the COC?	(Yes) No	
7 Did all bottles arrive in good condition (Unbroken)?	(Yes) No	
8. Could all bottle labels (ID/Date/Time) be reconciled with the COC?	(Yes) No	
9 For each sample, does the COC specify preservatives (Y/N), # of containers (Y/N), and sample type of grab/comp (Y/N)?		
10 Were correct bottle(s) used for the test(s) indicated?	(Yes) No	
11 Sufficient quantity received to perform indicated analyses?	(Yes) No	
12 Are these work share samples and all listed on the COC?	Yes (No)	
If yes, Questions 13-17 have been checked at the originating laboratory		
13 Were all preserved sample(s) at the correct pH upon receipt?	(Yes) No NA	pH Strip Lot# HC447997
14 Were VOAs on the COC?	(Yes) No	
15 Were air bubbles >6 mm in any VOA vials? ● ⬅ Larger than this.	Yes (No) NA	
16 Was a VOA trip blank present in the cooler(s)? Trip Blank Lot # 01 5501 J	(Yes) No	
17 Was a LL Hg or Me Hg trip blank present?	Yes (No)	

Contacted PM Date by via Verbal Voice Mail Other

Concerning

18. CHAIN OF CUSTODY & SAMPLE DISCREPANCIES ☐ additional next page

Samples processed by:

19 SAMPLE CONDITION

Sample(s) were received after the recommended holding time had expired.

Sample(s) were received in a broken container

Sample(s) were received with bubble >6 mm in diameter (Notify PM)

20. SAMPLE PRESERVATION

Sample(s) were further preserved in the laboratory

Time preserved: Preservative(s) added/Lot number(s)

VOA Sample Preservation - Date/Time VOAs Frozen.

Login # : _____

Eurofins - Cleveland Sample Receipt Multiple Cooler Form				
Cooler Description (Circle)	IR Gun # (Circle)	Observed Temp °C	Corrected Temp °C	Coolant (Circle)
(EC) Client Box Other	IR GUN #: 24	5.8	5.8	(Wet Ice) Blue Ice Dry Ice Water None
(EC) Client Box Other	IR GUN #: 24	2.2	2.2	(Wet Ice) Blue Ice Dry Ice Water None
EC Client Box Other	IR GUN #: _____			Wet Ice Blue Ice Dry Ice Water None
EC Client Box Other	IR GUN #: _____			Wet Ice Blue Ice Dry Ice Water None
EC Client Box Other	IR GUN #: _____			Wet Ice Blue Ice Dry Ice Water None
EC Client Box Other	IR GUN #: _____			Wet Ice Blue Ice Dry Ice Water None
EC Client Box Other	IR GUN #: _____			Wet Ice Blue Ice Dry Ice Water None
EC Client Box Other	IR GUN #: _____			Wet Ice Blue Ice Dry Ice Water None
EC Client Box Other	IR GUN #: _____			Wet Ice Blue Ice Dry Ice Water None
EC Client Box Other	IR GUN #: _____			Wet Ice Blue Ice Dry Ice Water None
EC Client Box Other	IR GUN #: _____			Wet Ice Blue Ice Dry Ice Water None
EC Client Box Other	IR GUN #: _____			Wet Ice Blue Ice Dry Ice Water None
EC Client Box Other	IR GUN #: _____			Wet Ice Blue Ice Dry Ice Water None
EC Client Box Other	IR GUN #: _____			Wet Ice Blue Ice Dry Ice Water None
EC Client Box Other	IR GUN #: _____			Wet Ice Blue Ice Dry Ice Water None
EC Client Box Other	IR GUN #: _____			Wet Ice Blue Ice Dry Ice Water None
EC Client Box Other	IR GUN #: _____			Wet Ice Blue Ice Dry Ice Water None
EC Client Box Other	IR GUN #: _____			Wet Ice Blue Ice Dry Ice Water None
EC Client Box Other	IR GUN #: _____			Wet Ice Blue Ice Dry Ice Water None
EC Client Box Other	IR GUN #: _____			Wet Ice Blue Ice Dry Ice Water None
EC Client Box Other	IR GUN #: _____			Wet Ice Blue Ice Dry Ice Water None
EC Client Box Other	IR GUN #: _____			Wet Ice Blue Ice Dry Ice Water None
EC Client Box Other	IR GUN #: _____			Wet Ice Blue Ice Dry Ice Water None
EC Client Box Other	IR GUN #: _____			Wet Ice Blue Ice Dry Ice Water None
EC Client Box Other	IR GUN #: _____			Wet Ice Blue Ice Dry Ice Water None
EC Client Box Other	IR GUN #: _____			Wet Ice Blue Ice Dry Ice Water None
EC Client Box Other	IR GUN #: _____			Wet Ice Blue Ice Dry Ice Water None
EC Client Box Other	IR GUN #: _____			Wet Ice Blue Ice Dry Ice Water None
EC Client Box Other	IR GUN #: _____			Wet Ice Blue Ice Dry Ice Water None
EC Client Box Other	IR GUN #: _____			Wet Ice Blue Ice Dry Ice Water None
EC Client Box Other	IR GUN #: _____			Wet Ice Blue Ice Dry Ice Water None
EC Client Box Other	IR GUN #: _____			Wet Ice Blue Ice Dry Ice Water None
EC Client Box Other	IR GUN #: _____			Wet Ice Blue Ice Dry Ice Water None
EC Client Box Other	IR GUN #: _____			Wet Ice Blue Ice Dry Ice Water None
EC Client Box Other	IR GUN #: _____			Wet Ice Blue Ice Dry Ice Water None
EC Client Box Other	IR GUN #: _____			Wet Ice Blue Ice Dry Ice Water None
EC Client Box Other	IR GUN #: _____			Wet Ice Blue Ice Dry Ice Water None
EC Client Box Other	IR GUN #: _____			Wet Ice Blue Ice Dry Ice Water None
EC Client Box Other	IR GUN #: _____			Wet Ice Blue Ice Dry Ice Water None
				☐ See Temperature Excursion Form

10/25/2024

Login Container Summary Report

240-213689

11/7/2024

Temperature readings _____

Client Sample ID	Lab ID	Container Type	Container pH	Container Temp	Preservation Added	Preservation Lot Number
SB-1-GW-18-28	240-213689-A-1	Voa Vial 40ml - Hydrochloric Acid				
SB-1-GW-18-28	240-213689-B-1	Voa Vial 40ml - Hydrochloric Acid				
SB-1-GW-18-28	240-213689-C-1	Voa Vial 40ml - Hydrochloric Acid				
SB-1-GW-18-28	240-213689-D-1	Amber Plastic 125 mL - NaOH	>12			
SB-1-GW-18-28	240-213689-E-1	Amber Glass 250ml - unpreserved				
SB-1-GW-18-28	240-213689-F-1	Amber Glass 250ml - unpreserved				
SB-1-GW-18-28	240-213689-G-1	Plastic 250ml - with Sodium Hydroxide	>12			
SB-1-GW-18-28	240-213689-H-1	Plastic 500ml - unpreserved				
SB-1-GW-18-28	240-213689-I-1	Plastic 500 mL - unpreserved - dis				
SB-1-GW-18-28	240-213689-J-1	Plastic 500ml - with Nitric Acid	<2			
SB-1-GW-18-28	240-213689-K-1	Plastic 500ml - w/ Nitric - Dis.	<2			
SB-1-GW-18-28	240-213689-L-1	Amber Glass 1 liter - Sulfuric Acid				
SB-1-GW-18-28	240-213689-M-1	Amber Glass 1 liter - Sulfuric Acid				
SB-3-GW-8-28	240-213689-A-2	Voa Vial 40ml - Hydrochloric Acid				
SB-3-GW-8-28	240-213689-A-2 MS	Voa Vial 40ml - Hydrochloric Acid				
SB-3-GW-8-28	240-213689-A-2 MSD	Voa Vial 40ml - Hydrochloric Acid				
SB-3-GW-8-28	240-213689-B-2	Voa Vial 40ml - Hydrochloric Acid				
SB-3-GW-8-28	240-213689-B-2 MS	Voa Vial 40ml - Hydrochloric Acid				
SB-3-GW-8-28	240-213689-B-2 MSD	Voa Vial 40ml - Hydrochloric Acid				
SB-3-GW-8-28	240-213689-C-2	Voa Vial 40ml - Hydrochloric Acid				
SB-3-GW-8-28	240-213689-C-2 MS	Voa Vial 40ml - Hydrochloric Acid				
SB-3-GW-8-28	240-213689-C-2 MSD	Voa Vial 40ml - Hydrochloric Acid				
SB-3-GW-8-28	240-213689-D-2	Amber Plastic 125 mL - NaOH	>12			
SB-3-GW-8-28	240-213689-D-2 MS	Amber Plastic 125 mL - NaOH	>12			
SB-3-GW-8-28	240-213689-D-2 MSD	Amber Plastic 125 mL - NaOH	>12			
SB-3-GW-8-28	240-213689-E-2	Amber Glass 250ml - unpreserved				
SB-3-GW-8-28	240-213689-E-2 MS	Amber Glass 250ml - unpreserved				
SB-3-GW-8-28	240-213689-E-2 MSD	Amber Glass 250ml - unpreserved				
SB-3-GW-8-28	240-213689-F-2	Amber Glass 250ml - unpreserved				
SB-3-GW-8-28	240-213689-F-2 MS	Amber Glass 250ml - unpreserved				
SB-3-GW-8-28	240-213689-F-2 MSD	Amber Glass 250ml - unpreserved				
SB-3-GW-8-28	240-213689-G-2	Plastic 250ml - with Sodium Hydroxide	>12			

Client Sample ID	Lab ID	Container Type	Container pH	Container Temp	Preservation Added	Preservation Lot Number
SB-3-GW-8-28	240-213689-G-2 MS	Plastic 250ml - with Sodium Hydroxide	>12			
SB-3-GW-8-28	240-213689-G-2 MSD	Plastic 250ml - with Sodium Hydroxide	>12			
SB-3-GW-8-28	240-213689-H-2	Plastic 500ml - unpreserved				
SB-3-GW-8-28	240-213689-H-2 MS	Plastic 500ml - unpreserved				
SB-3-GW-8-28	240-213689-H-2 MSD	Plastic 500ml - unpreserved				
SB-3-GW-8-28	240-213689-I-2	Plastic 500 mL - unpreserved - dis				
SB-3-GW-8-28	240-213689-I-2 MS	Plastic 500 mL - unpreserved - dis				
SB-3-GW-8-28	240-213689-I-2 MSD	Plastic 500 mL - unpreserved - dis				
SB-3-GW-8-28	240-213689-J-2	Plastic 500ml - with Nitric Acid	<2			
SB-3-GW-8-28	240-213689-J-2 MS	Plastic 500ml - with Nitric Acid	<2			
SB-3-GW-8-28	240-213689-J-2 MSD	Plastic 500ml - with Nitric Acid	<2			
SB-3-GW-8-28	240-213689-K-2	Plastic 500ml - w/ Nitric - Dis.	<2			
SB-3-GW-8-28	240-213689-K-2 MS	Plastic 500ml - w/ Nitric - Dis.	<2			
SB-3-GW-8-28	240-213689-K-2 MSD	Plastic 500ml - w/ Nitric - Dis.	<2			
SB-3-GW-8-28	240-213689-L-2	Amber Glass 1 liter - Sulfuric Acid				
SB-3-GW-8-28	240-213689-L-2 MS	Amber Glass 1 liter - Sulfuric Acid				
SB-3-GW-8-28	240-213689-L-2 MSD	Amber Glass 1 liter - Sulfuric Acid				
SB-3-GW-8-28	240-213689-M-2	Amber Glass 1 liter - Sulfuric Acid				
SB-3-GW-8-28	240-213689-M-2 MS	Amber Glass 1 liter - Sulfuric Acid				
SB-3-GW-8-28	240-213689-M-2 MSD	Amber Glass 1 liter - Sulfuric Acid				
TB-1-20241024	240-213689-A-3	Voa Vial 40ml - Hydrochloric Acid				
TB-2-20241024	240-213689-A-4	Voa Vial 40ml - Hydrochloric Acid				

Eurofins Cleveland
180 S. Van Buren Avenue
Barberton, OH 44203
Phone: 330-497-9396 Fax: 330-497-0772

Chain of Custody Record

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Client Information (Sub Contract Lab)	Sampler: N/A	Lab PM: Kalis, Nicole A	Carrier Tracking No(s): N/A	COC No: 240-192770.1
Client Contact: Shipping/Receiving	Phone: N/A	E-Mail: Nicole.Kalis@et.eurofinsus.com	State of Origin: Ohio	Page: Page 1 of 1
Company: Eurofins Lancaster Laboratories Environm		Accreditations Required (See note): N/A		Job #: 240-213689-1
Address: 2425 New Holland Pike, ,	Due Date Requested: 11/6/2024	Analysis Requested		Preservation Codes: -
City: Lancaster	TAT Requested (days): N/A			
State, Zip: PA, 17601				
Phone: 717-656-2300(Tel)	PO #: N/A			
Email: N/A	WO #: N/A			
Project Name: MSC Canfield	Project #: 24033889			
Site: N/A	SSOW#: N/A			Other: N/A

Sample Identification - Client ID (Lab ID)	Sample Date	Sample Time	Sample Type (C=comp, G=grab)	Matrix (W=water, S=solid, O=waste/oil, BT=Tissue, A=Air)	Field Filtered Sample (Yes or No)	Perform MS/MSD (Yes or No)	1677_Free/ Cyanide, Free	Total Number of containers	Special Instructions/Note:
			Preservation Code:						
SB-1-GW-18-28 (240-213689-1)	10/24/24	08:52 Eastern	G	Water			X	1	Use caution! Site contaminated with solvent waste
SB-3-GW-18-28 (240-213689-2)	10/24/24	11:30 Eastern	G	Water			X	1	Use caution! Site contaminated with solvent waste
SB-3-GW-18-28 (240-213689-2MS)	10/24/24	11:30 Eastern	G	Water			X	1	Use caution! Site contaminated with solvent waste
SB-3-GW-18-28 (240-213689-2MSD)	10/24/24	11:30 Eastern	G	Water			X	1	Use caution! Site contaminated with solvent waste

Note: Since laboratory accreditations are subject to change, Eurofins Environment Testing North Central, LLC places the ownership of method, analyte & accreditation compliance upon our subcontract laboratories. This sample shipment is forwarded under chain-of-custody. If the laboratory does not currently maintain accreditation in the State of Origin listed above for analysis/tests/matrix being analyzed, the samples must be shipped back to the Eurofins Environment Testing North Central, LLC laboratory or other instructions will be provided. Any changes to accreditation status should be brought to Eurofins Environment Testing North Central, LLC attention immediately. If all requested accreditations are current to date, return the signed Chain of Custody attesting to said compliance to Eurofins Environment Testing North Central, LLC.

Possible Hazard Identification	Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)
Unconfirmed	☐ Return To Client ☐ Disposal By Lab ☐ Archive For ____ Months
Deliverable Requested: I, II, III, IV, Other (specify) Primary Deliverable Rank: 2	Special Instructions/QC Requirements:

Empty Kit Relinquished by:	Date:	Time:	Method of Shipment:

Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company
Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company
Relinquished by:	Date/Time:	Company	Received by:	Date/Time: 10/26/24 1010	Company

Custody Seals Intact: ☐ Yes ☐ No	Custody Seal No.:	Cooler Temperature(s) °C and Other Remarks: R: 1.5 C: 0.9

Ver: 10/10/2024

Login Sample Receipt Checklist

Client: August Mack Environmental, Inc.

Job Number: 240-213689-1

Login Number: 213689
List Number: 2
Creator: Santiago, Nathaniel

List Source: Eurofins Lancaster Laboratories Environment Testing, LLC
List Creation: 10/26/24 12:02 PM

Question	Answer	Comment
The cooler's custody seal is intact.	N/A	
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	True	
Cooler Temperature acceptable,where thermal pres is required(</=6C, not frozen).	True	
Cooler Temperature is recorded.	True	
WV:Container Temp acceptable,where thermal pres is required (</=6C, not frozen).	N/A	
WV: Container Temperature is recorded.	N/A	
COC is present.	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information.	True	
There are no discrepancies between the containers received and the COC.	True	
Sample containers have legible labels.	True	
Containers are not broken or leaking.	True	
Sample collection date/times are provided.	True	
Appropriate sample containers are used.	True	
Sample bottles are completely filled.	True	
There is sufficient vol. for all requested analyses.	True	
Is the Field Sampler's name present on COC?	False	Received project as a subcontract.
Sample custody seals are intact.	N/A	
VOA sample vials do not have headspace >6mm in diameter (none, if from WV)?	N/A	

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ANALYTICAL REPORT

PREPARED FOR

Attn: Kain Lager-Lowe
August Mack Environmental, Inc.
7830 North Central Drive, Suite B
Lewis Center, Ohio 43035

Generated 11/11/2024 8:12:54 AM

JOB DESCRIPTION

MSC Canfield - N. Ditch Sampling

JOB NUMBER

240-213690-1

Eurofins Cleveland
180 S. Van Buren Avenue
Barberton OH 44203

See page two for job notes and contact information.

Job Notes

This report may not be reproduced except in full, and with written approval from the laboratory. The results relate only to the samples tested. For questions please contact the Project Manager at the e-mail address or telephone number listed on this page.

The test results in this report relate only to the samples as received by the laboratory and will meet all requirements of the methodology, with any exceptions noted. This report shall not be reproduced except in full, without the express written approval of the laboratory. All questions should be directed to the Eurofins Environment Testing North Central, LLC Project Manager.

Authorization



Generated
11/11/2024 8:12:54 AM

Authorized for release by
Nicole Kalis, Project Manager I
Nicole.Kalis@et.eurofinsus.com
(330)497-9396

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Definitions/Glossary

Client: August Mack Environmental, Inc. Job ID: 240-213690-1
Project/Site: MSC Canfield - N. Ditch Sampling

Qualifiers

GC/MS VOA

Qualifier	Qualifier Description
J	Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.

GC/MS Semi VOA

Qualifier	Qualifier Description
J	Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.

Metals

Qualifier	Qualifier Description
J	Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.

General Chemistry

Qualifier	Qualifier Description
J	Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.

Glossary

Abbreviation	These commonly used abbreviations may or may not be present in this report.
☼	Listed under the "D" column to designate that the result is reported on a dry weight basis
%R	Percent Recovery
CFL	Contains Free Liquid
CFU	Colony Forming Unit
CNF	Contains No Free Liquid
DER	Duplicate Error Ratio (normalized absolute difference)
Dil Fac	Dilution Factor
DL	Detection Limit (DoD/DOE)
DL, RA, RE, IN	Indicates a Dilution, Re-analysis, Re-extraction, or additional Initial metals/anion analysis of the sample
DLC	Decision Level Concentration (Radiochemistry)
EDL	Estimated Detection Limit (Dioxin)
LOD	Limit of Detection (DoD/DOE)
LOQ	Limit of Quantitation (DoD/DOE)
MCL	EPA recommended "Maximum Contaminant Level"
MDA	Minimum Detectable Activity (Radiochemistry)
MDC	Minimum Detectable Concentration (Radiochemistry)
MDL	Method Detection Limit
ML	Minimum Level (Dioxin)
MPN	Most Probable Number
MQL	Method Quantitation Limit
NC	Not Calculated
ND	Not Detected at the reporting limit (or MDL or EDL if shown)
NEG	Negative / Absent
POS	Positive / Present
PQL	Practical Quantitation Limit
PRES	Presumptive
QC	Quality Control
RER	Relative Error Ratio (Radiochemistry)
RL	Reporting Limit or Requested Limit (Radiochemistry)
RPD	Relative Percent Difference, a measure of the relative difference between two points
TEF	Toxicity Equivalent Factor (Dioxin)
TEQ	Toxicity Equivalent Quotient (Dioxin)
TNTC	Too Numerous To Count

Job ID: 240-213690-1 Eurofins Cleveland

Job Narrative
240-213690-1

Analytical test results meet all requirements of the associated regulatory program listed on the Accreditation/Certification Summary Page unless otherwise noted under the individual analysis. Data qualifiers and/or narrative comments are included to explain any exceptions, if applicable.

- Matrix QC may not be reported if insufficient sample is provided or site-specific QC samples were not submitted. In these situations, to demonstrate precision and accuracy at a batch level, a LCS/LCSD may be performed, unless otherwise specified in the method.
- Surrogate and/or isotope dilution analyte recoveries (if applicable) which are outside of the QC window are confirmed unless attributed to a dilution or otherwise noted in the narrative.

Regulated compliance samples (e.g. SDWA, NPDES) must comply with the associated agency requirements/permits.

Receipt
The samples were received on 10/24/2024 4:00 PM. Unless otherwise noted below, the samples arrived in good condition, and, where required, properly preserved and on ice. The temperatures of the 2 coolers at receipt time were 3.0°C and 4.2°C.

GC/MS VOA
Method 8260D: The continuing calibration verification (CCV) analyzed in batch 240-633658 was outside the method criteria for the following analyte(s): Bromomethane. A CCV standard at or below the reporting limit (RL) was analyzed with the affected samples and found to be acceptable. As indicated in the reference method, sample analysis may proceed; however, any detection for the affected analyte(s) is considered estimated.

No additional analytical or quality issues were noted, other than those described above or in the Definitions/ Glossary page.

GC/MS Semi VOA
No additional analytical or quality issues were noted, other than those described above or in the Definitions/ Glossary page.

Metals
No additional analytical or quality issues were noted, other than those described above or in the Definitions/ Glossary page.

General Chemistry
Method 7196A: The matrix spike soluble/matrix spike insoluble (MSS/MSI) recoveries were outside control limits due to sample matrix. The associated laboratory control sample (LCSS/LCSI) recoveries met acceptance criteria.

No additional analytical or quality issues were noted, other than those described above or in the Definitions/ Glossary page.

Method Summary

Client: August Mack Environmental, Inc.
Project/Site: MSC Canfield - N. Ditch Sampling

Job ID: 240-213690-1

Method	Method Description	Protocol	Laboratory
8260D	Volatile Organic Compounds by GC/MS	SW846	EET CLE
8270E	Semivolatile Organic Compounds (GC/MS)	SW846	EET CLE
6010D	Metals (ICP)	SW846	EET CLE
7471B	Mercury (CVAA)	SW846	EET CLE
7196A	Chromium, Hexavalent	SW846	ELLE
9012B	Cyanide, Total andor Amenable	SW846	EET CLE
Moisture	Percent Moisture	EPA	EET CLE
OIA-1677	Cyanide, Free (Flow Injection)	OI CORP	ELLE
3050B	Preparation, Metals	SW846	EET CLE
3060A	Alkaline Digestion (Chromium, Hexavalent)	SW846	ELLE
3546	Microwave Extraction	SW846	EET CLE
5030C	Purge and Trap	SW846	EET CLE
7471B	Preparation, Mercury	SW846	EET CLE
9012B	Cyanide, Total and/or Amenable, Distillation	SW846	EET CLE
D3987-85	ASTM Leaching Procedure	ASTM	ELLE

Protocol References:

ASTM = ASTM International

EPA = US Environmental Protection Agency

OI CORP = OI Corporation Instrument Manual.

SW846 = "Test Methods For Evaluating Solid Waste, Physical/Chemical Methods", Third Edition, November 1986 And Its Updates.

Laboratory References:

EET CLE = Eurofins Cleveland, 180 S. Van Buren Avenue, Barberton, OH 44203, TEL (330)497-9396

ELLE = Eurofins Lancaster Laboratories Environment Testing, LLC, 2425 New Holland Pike, Lancaster, PA 17601, TEL (717)656-2300

Sample Summary

Client: August Mack Environmental, Inc.
Job ID: 240-213690-1
Project/Site: MSC Canfield - N. Ditch Sampling

Lab Sample ID	Client Sample ID	Matrix	Collected	Received
240-213690-1	T2-875-N-2.0	Solid	10/24/24 09:15	10/24/24 16:00
240-213690-2	T2-875-C-1.0	Solid	10/24/24 09:50	10/24/24 16:00
240-213690-3	T2-750-S-0.0	Solid	10/24/24 10:15	10/24/24 16:00
240-213690-4	T2-750-S-2.0	Solid	10/24/24 10:25	10/24/24 16:00
240-213690-5	T2-750-N-0.0	Solid	10/24/24 10:55	10/24/24 16:00
240-213690-6	T2-750-N-2.0	Solid	10/24/24 11:30	10/24/24 16:00
240-213690-7	DUP-4-20241024	Solid	10/24/24 00:00	10/24/24 16:00
240-213690-8	T2-625-S-0.0	Solid	10/24/24 12:30	10/24/24 16:00
240-213690-9	T2-625-S-2.0	Solid	10/24/24 12:45	10/24/24 16:00
240-213690-10	T2-625-N-0.0	Solid	10/24/24 13:15	10/24/24 16:00
240-213690-11	T2-500-S-0.0	Solid	10/24/24 13:45	10/24/24 16:00
240-213690-12	DUP-5-20241024	Solid	10/24/24 00:00	10/24/24 16:00
240-213690-13	T2-500-N-0.0	Solid	10/24/24 14:00	10/24/24 16:00
240-213690-14	TB-8-20241024	Water	10/24/24 14:25	10/24/24 16:00
240-213690-15	TB-9-20241024	Water	10/24/24 14:30	10/24/24 16:00

Detection Summary

Client: August Mack Environmental, Inc.
Project/Site: MSC Canfield - N. Ditch Sampling

Job ID: 240-213690-1

Client Sample ID: T2-875-N-2.0 — Lab Sample ID: 240-213690-1

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Arsenic	11		1.7	0.36	mg/Kg	1	☼	6010D	Total/NA
Barium	72		23	0.14	mg/Kg	1	☼	6010D	Total/NA
Chromium	19		1.1	0.39	mg/Kg	1	☼	6010D	Total/NA
Copper	18		2.9	0.80	mg/Kg	1	☼	6010D	Total/NA
Lead	11		1.1	0.32	mg/Kg	1	☼	6010D	Total/NA
Zinc	68		5.7	4.1	mg/Kg	1	☼	6010D	Total/NA
Cyanide, Total	1.1		0.67	0.53	mg/Kg	1	☼	9012B	Total/NA
Cyanide, Free	0.0059	J	0.0060	0.0050	mg/L	1		OIA-1677	ASTM Leach

Client Sample ID: T2-875-C-1.0 — Lab Sample ID: 240-213690-2

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Benzo[b]fluoranthene	16	J	51	15	ug/Kg	1	☼	8270E	Total/NA
Chrysene	23	J	51	18	ug/Kg	1	☼	8270E	Total/NA
Fluoranthene	19	J	51	18	ug/Kg	1	☼	8270E	Total/NA
Naphthalene	20	J	51	17	ug/Kg	1	☼	8270E	Total/NA
Phenanthrene	21	J	51	17	ug/Kg	1	☼	8270E	Total/NA
Arsenic	14		1.7	0.37	mg/Kg	1	☼	6010D	Total/NA
Barium	59		23	0.15	mg/Kg	1	☼	6010D	Total/NA
Cadmium	0.070	J	0.58	0.056	mg/Kg	1	☼	6010D	Total/NA
Chromium	19		1.2	0.40	mg/Kg	1	☼	6010D	Total/NA
Copper	17		2.9	0.81	mg/Kg	1	☼	6010D	Total/NA
Lead	11		1.2	0.33	mg/Kg	1	☼	6010D	Total/NA
Selenium	0.68	J	2.3	0.54	mg/Kg	1	☼	6010D	Total/NA
Zinc	120		5.8	4.2	mg/Kg	1	☼	6010D	Total/NA
Cyanide, Total	1.3		0.64	0.51	mg/Kg	1	☼	9012B	Total/NA

Client Sample ID: T2-750-S-0.0 — Lab Sample ID: 240-213690-3

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Anthracene	71		58	17	ug/Kg	1	☼	8270E	Total/NA
Benzo[a]anthracene	400		58	22	ug/Kg	1	☼	8270E	Total/NA
Benzo[a]pyrene	460		58	20	ug/Kg	1	☼	8270E	Total/NA
Benzo[b]fluoranthene	740		58	17	ug/Kg	1	☼	8270E	Total/NA
Benzo[g,h,i]perylene	440		58	39	ug/Kg	1	☼	8270E	Total/NA
Benzo[k]fluoranthene	250		58	14	ug/Kg	1	☼	8270E	Total/NA
Chrysene	530		58	20	ug/Kg	1	☼	8270E	Total/NA
Dibenz(a,h)anthracene	84		58	22	ug/Kg	1	☼	8270E	Total/NA
Fluoranthene	950		58	20	ug/Kg	1	☼	8270E	Total/NA
Fluorene	24	J	58	20	ug/Kg	1	☼	8270E	Total/NA
Indeno[1,2,3-cd]pyrene	320		58	17	ug/Kg	1	☼	8270E	Total/NA
Naphthalene	21	J	58	19	ug/Kg	1	☼	8270E	Total/NA
Phenanthrene	370		58	19	ug/Kg	1	☼	8270E	Total/NA
Pyrene	780		58	23	ug/Kg	1	☼	8270E	Total/NA
Arsenic	12		1.8	0.39	mg/Kg	1	☼	6010D	Total/NA
Barium	68		25	0.15	mg/Kg	1	☼	6010D	Total/NA
Cadmium	0.22	J	0.61	0.059	mg/Kg	1	☼	6010D	Total/NA
Chromium	17		1.2	0.42	mg/Kg	1	☼	6010D	Total/NA
Copper	12		3.1	0.86	mg/Kg	1	☼	6010D	Total/NA
Lead	19		1.2	0.35	mg/Kg	1	☼	6010D	Total/NA
Selenium	1.1	J	2.5	0.58	mg/Kg	1	☼	6010D	Total/NA
Zinc	470		6.1	4.5	mg/Kg	1	☼	6010D	Total/NA

This Detection Summary does not include radiochemical test results.

Detection Summary

Client: August Mack Environmental, Inc.
Project/Site: MSC Canfield - N. Ditch Sampling

Job ID: 240-213690-1

Client Sample ID: T2-750-S-0.0 (Continued)

Lab Sample ID: 240-213690-3

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Mercury	0.034	J	0.14	0.025	mg/Kg	1	☼	7471B	Total/NA
Cyanide, Total	110		17	14	mg/Kg	25	☼	9012B	Total/NA
Cyanide, Free	0.011		0.0060	0.0050	mg/L	1		OIA-1677	ASTM Leach

Client Sample ID: T2-750-S-2.0

Lab Sample ID: 240-213690-4

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Benzo[a]anthracene	25	J	49	18	ug/Kg	1	☼	8270E	Total/NA
Benzo[a]pyrene	28	J	49	17	ug/Kg	1	☼	8270E	Total/NA
Benzo[b]fluoranthene	45	J	49	15	ug/Kg	1	☼	8270E	Total/NA
Benzo[k]fluoranthene	14	J	49	12	ug/Kg	1	☼	8270E	Total/NA
Chrysene	35	J	49	17	ug/Kg	1	☼	8270E	Total/NA
Fluoranthene	57		49	17	ug/Kg	1	☼	8270E	Total/NA
Indeno[1,2,3-cd]pyrene	19	J	49	15	ug/Kg	1	☼	8270E	Total/NA
Phenanthrene	19	J	49	16	ug/Kg	1	☼	8270E	Total/NA
Pyrene	54		49	19	ug/Kg	1	☼	8270E	Total/NA
Arsenic	16		1.6	0.33	mg/Kg	1	☼	6010D	Total/NA
Barium	61		21	0.13	mg/Kg	1	☼	6010D	Total/NA
Chromium	19		1.1	0.36	mg/Kg	1	☼	6010D	Total/NA
Copper	16		2.6	0.74	mg/Kg	1	☼	6010D	Total/NA
Lead	11		1.1	0.30	mg/Kg	1	☼	6010D	Total/NA
Selenium	0.69	J	2.1	0.50	mg/Kg	1	☼	6010D	Total/NA
Zinc	80		5.3	3.8	mg/Kg	1	☼	6010D	Total/NA
Cyanide, Total	4.9		0.61	0.49	mg/Kg	1	☼	9012B	Total/NA

Client Sample ID: T2-750-N-0.0

Lab Sample ID: 240-213690-5

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Acenaphthene	77	J	110	39	ug/Kg	2	☼	8270E	Total/NA
Anthracene	390		110	33	ug/Kg	2	☼	8270E	Total/NA
Benzo[a]anthracene	1500		110	42	ug/Kg	2	☼	8270E	Total/NA
Benzo[a]pyrene	1400		110	39	ug/Kg	2	☼	8270E	Total/NA
Benzo[b]fluoranthene	2000		110	33	ug/Kg	2	☼	8270E	Total/NA
Benzo[g,h,i]perylene	1100		110	75	ug/Kg	2	☼	8270E	Total/NA
Benzo[k]fluoranthene	810		110	28	ug/Kg	2	☼	8270E	Total/NA
Chrysene	1700		110	39	ug/Kg	2	☼	8270E	Total/NA
Dibenz(a,h)anthracene	210		110	42	ug/Kg	2	☼	8270E	Total/NA
Fluoranthene	3500		110	39	ug/Kg	2	☼	8270E	Total/NA
Fluorene	97	J	110	39	ug/Kg	2	☼	8270E	Total/NA
Indeno[1,2,3-cd]pyrene	880		110	33	ug/Kg	2	☼	8270E	Total/NA
Naphthalene	49	J	110	36	ug/Kg	2	☼	8270E	Total/NA
Phenanthrene	1500		110	36	ug/Kg	2	☼	8270E	Total/NA
Pyrene	3000		110	44	ug/Kg	2	☼	8270E	Total/NA
Arsenic	12		1.6	0.34	mg/Kg	1	☼	6010D	Total/NA
Barium	68		21	0.13	mg/Kg	1	☼	6010D	Total/NA
Cadmium	0.24	J	0.53	0.051	mg/Kg	1	☼	6010D	Total/NA
Chromium	19		1.1	0.36	mg/Kg	1	☼	6010D	Total/NA
Copper	17		2.7	0.75	mg/Kg	1	☼	6010D	Total/NA
Lead	22		1.1	0.30	mg/Kg	1	☼	6010D	Total/NA
Selenium	0.81	J	2.1	0.50	mg/Kg	1	☼	6010D	Total/NA
Zinc	220		5.3	3.9	mg/Kg	1	☼	6010D	Total/NA
Mercury	0.042	J	0.16	0.028	mg/Kg	1	☼	7471B	Total/NA

This Detection Summary does not include radiochemical test results.

Detection Summary

Client: August Mack Environmental, Inc.
Project/Site: MSC Canfield - N. Ditch Sampling

Job ID: 240-213690-1

Client Sample ID: T2-750-N-0.0 (Continued)

Lab Sample ID: 240-213690-5

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Cr (VI)	0.47	J	0.57	0.19	mg/Kg	1	☼	7196A	Total/NA
Cyanide, Total	50		3.6	2.8	mg/Kg	5	☼	9012B	Total/NA
Cyanide, Free	0.0057	J	0.0060	0.0050	mg/L	1		OIA-1677	ASTM Leach

Client Sample ID: T2-750-N-2.0

Lab Sample ID: 240-213690-6

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Arsenic	7.7		1.8	0.37	mg/Kg	1	☼	6010D	Total/NA
Barium	63		23	0.15	mg/Kg	1	☼	6010D	Total/NA
Cadmium	0.069	J	0.59	0.056	mg/Kg	1	☼	6010D	Total/NA
Chromium	21		1.2	0.40	mg/Kg	1	☼	6010D	Total/NA
Copper	18		2.9	0.82	mg/Kg	1	☼	6010D	Total/NA
Lead	11		1.2	0.33	mg/Kg	1	☼	6010D	Total/NA
Zinc	74		5.9	4.3	mg/Kg	1	☼	6010D	Total/NA
Cyanide, Total	0.73		0.68	0.54	mg/Kg	1	☼	9012B	Total/NA

Client Sample ID: DUP-4-20241024

Lab Sample ID: 240-213690-7

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Anthracene	25	J	56	17	ug/Kg	1	☼	8270E	Total/NA
Benzo[a]anthracene	150		56	21	ug/Kg	1	☼	8270E	Total/NA
Benzo[a]pyrene	210		56	20	ug/Kg	1	☼	8270E	Total/NA
Benzo[b]fluoranthene	380		56	17	ug/Kg	1	☼	8270E	Total/NA
Benzo[g,h,i]perylene	210		56	38	ug/Kg	1	☼	8270E	Total/NA
Benzo[k]fluoranthene	140		56	14	ug/Kg	1	☼	8270E	Total/NA
Chrysene	280		56	20	ug/Kg	1	☼	8270E	Total/NA
Dibenz(a,h)anthracene	49	J	56	21	ug/Kg	1	☼	8270E	Total/NA
Fluoranthene	480		56	20	ug/Kg	1	☼	8270E	Total/NA
Indeno[1,2,3-cd]pyrene	160		56	17	ug/Kg	1	☼	8270E	Total/NA
Phenanthrene	170		56	18	ug/Kg	1	☼	8270E	Total/NA
Pyrene	390		56	22	ug/Kg	1	☼	8270E	Total/NA
Arsenic	11		2.1	0.44	mg/Kg	1	☼	6010D	Total/NA
Barium	67		28	0.17	mg/Kg	1	☼	6010D	Total/NA
Cadmium	0.26	J	0.69	0.066	mg/Kg	1	☼	6010D	Total/NA
Chromium	18		1.4	0.47	mg/Kg	1	☼	6010D	Total/NA
Copper	12		3.5	0.97	mg/Kg	1	☼	6010D	Total/NA
Lead	20		1.4	0.39	mg/Kg	1	☼	6010D	Total/NA
Selenium	1.0	J	2.8	0.65	mg/Kg	1	☼	6010D	Total/NA
Zinc	950		6.9	5.0	mg/Kg	1	☼	6010D	Total/NA
Mercury	0.051	J	0.13	0.023	mg/Kg	1	☼	7471B	Total/NA
Cr (VI)	0.24	J	0.59	0.20	mg/Kg	1	☼	7196A	Total/NA
Cyanide, Total	72		3.6	2.9	mg/Kg	5	☼	9012B	Total/NA
Cyanide, Free	0.010		0.0060	0.0050	mg/L	1		OIA-1677	ASTM Leach

Client Sample ID: T2-625-S-0.0

Lab Sample ID: 240-213690-8

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Anthracene	50	J	52	16	ug/Kg	1	☼	8270E	Total/NA
Benzo[a]anthracene	320		52	20	ug/Kg	1	☼	8270E	Total/NA
Benzo[a]pyrene	330		52	18	ug/Kg	1	☼	8270E	Total/NA
Benzo[b]fluoranthene	530		52	16	ug/Kg	1	☼	8270E	Total/NA
Benzo[g,h,i]perylene	320		52	35	ug/Kg	1	☼	8270E	Total/NA

This Detection Summary does not include radiochemical test results.

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Client Sample ID: T2-625-S-0.0 (Continued)

Lab Sample ID: 240-213690-8

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Benzo[k]fluoranthene	200		52	13	ug/Kg	1	☼	8270E	Total/NA
Chrysene	430		52	18	ug/Kg	1	☼	8270E	Total/NA
Dibenz(a,h)anthracene	60		52	20	ug/Kg	1	☼	8270E	Total/NA
Fluoranthene	790		52	18	ug/Kg	1	☼	8270E	Total/NA
Indeno[1,2,3-cd]pyrene	230		52	16	ug/Kg	1	☼	8270E	Total/NA
Naphthalene	25	J	52	17	ug/Kg	1	☼	8270E	Total/NA
Phenanthrene	290		52	17	ug/Kg	1	☼	8270E	Total/NA
Pyrene	670		52	21	ug/Kg	1	☼	8270E	Total/NA
Arsenic	9.8		1.8	0.38	mg/Kg	1	☼	6010D	Total/NA
Barium	56		24	0.15	mg/Kg	1	☼	6010D	Total/NA
Cadmium	0.16	J	0.61	0.058	mg/Kg	1	☼	6010D	Total/NA
Chromium	15		1.2	0.42	mg/Kg	1	☼	6010D	Total/NA
Copper	8.6		3.0	0.85	mg/Kg	1	☼	6010D	Total/NA
Lead	15		1.2	0.34	mg/Kg	1	☼	6010D	Total/NA
Selenium	0.74	J	2.4	0.57	mg/Kg	1	☼	6010D	Total/NA
Zinc	1300		6.1	4.4	mg/Kg	1	☼	6010D	Total/NA
Mercury	0.022	J	0.12	0.021	mg/Kg	1	☼	7471B	Total/NA
Cyanide, Total	21		3.4	2.7	mg/Kg	5	☼	9012B	Total/NA
Cyanide, Free	0.0057	J	0.0060	0.0050	mg/L	1		OIA-1677	ASTM Leach

Client Sample ID: T2-625-S-2.0

Lab Sample ID: 240-213690-9

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Benzo[a]anthracene	24	J	49	18	ug/Kg	1	☼	8270E	Total/NA
Benzo[a]pyrene	26	J	49	17	ug/Kg	1	☼	8270E	Total/NA
Benzo[b]fluoranthene	44	J	49	15	ug/Kg	1	☼	8270E	Total/NA
Benzo[k]fluoranthene	12	J	49	12	ug/Kg	1	☼	8270E	Total/NA
Chrysene	32	J	49	17	ug/Kg	1	☼	8270E	Total/NA
Fluoranthene	54		49	17	ug/Kg	1	☼	8270E	Total/NA
Indeno[1,2,3-cd]pyrene	20	J	49	15	ug/Kg	1	☼	8270E	Total/NA
Phenanthrene	17	J	49	16	ug/Kg	1	☼	8270E	Total/NA
Pyrene	49		49	20	ug/Kg	1	☼	8270E	Total/NA
Arsenic	13		1.5	0.33	mg/Kg	1	☼	6010D	Total/NA
Barium	40		21	0.13	mg/Kg	1	☼	6010D	Total/NA
Cadmium	0.053	J	0.52	0.050	mg/Kg	1	☼	6010D	Total/NA
Chromium	13		1.0	0.35	mg/Kg	1	☼	6010D	Total/NA
Copper	17		2.6	0.72	mg/Kg	1	☼	6010D	Total/NA
Lead	14		1.0	0.29	mg/Kg	1	☼	6010D	Total/NA
Zinc	140		5.2	3.7	mg/Kg	1	☼	6010D	Total/NA
Cyanide, Total	26		2.7	2.2	mg/Kg	5	☼	9012B	Total/NA

Client Sample ID: T2-625-N-0.0

Lab Sample ID: 240-213690-10

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Benzo[a]anthracene	39	J	56	21	ug/Kg	1	☼	8270E	Total/NA
Benzo[a]pyrene	50	J	56	20	ug/Kg	1	☼	8270E	Total/NA
Benzo[b]fluoranthene	78		56	17	ug/Kg	1	☼	8270E	Total/NA
Benzo[g,h,i]perylene	47	J	56	38	ug/Kg	1	☼	8270E	Total/NA
Benzo[k]fluoranthene	30	J	56	14	ug/Kg	1	☼	8270E	Total/NA
Chrysene	57		56	20	ug/Kg	1	☼	8270E	Total/NA
Fluoranthene	110		56	20	ug/Kg	1	☼	8270E	Total/NA
Indeno[1,2,3-cd]pyrene	36	J	56	17	ug/Kg	1	☼	8270E	Total/NA

This Detection Summary does not include radiochemical test results.

Client Sample ID: T2-625-N-0.0 (Continued)

Lab Sample ID: 240-213690-10

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Phenanthrene	46	J	56	18	ug/Kg	1	☼	8270E	Total/NA
Pyrene	86		56	22	ug/Kg	1	☼	8270E	Total/NA
Arsenic	16		1.7	0.37	mg/Kg	1	☼	6010D	Total/NA
Barium	53		23	0.15	mg/Kg	1	☼	6010D	Total/NA
Cadmium	0.080	J	0.58	0.056	mg/Kg	1	☼	6010D	Total/NA
Chromium	15		1.2	0.40	mg/Kg	1	☼	6010D	Total/NA
Copper	20		2.9	0.81	mg/Kg	1	☼	6010D	Total/NA
Lead	12		1.2	0.33	mg/Kg	1	☼	6010D	Total/NA
Zinc	130		5.8	4.2	mg/Kg	1	☼	6010D	Total/NA
Cyanide, Total	11		0.65	0.51	mg/Kg	1	☼	9012B	Total/NA

Client Sample ID: T2-500-S-0.0

Lab Sample ID: 240-213690-11

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Anthracene	41	J	52	16	ug/Kg	1	☼	8270E	Total/NA
Benzo[a]anthracene	130		52	20	ug/Kg	1	☼	8270E	Total/NA
Benzo[a]pyrene	150		52	18	ug/Kg	1	☼	8270E	Total/NA
Benzo[b]fluoranthene	210		52	16	ug/Kg	1	☼	8270E	Total/NA
Benzo[g,h,i]perylene	120		52	35	ug/Kg	1	☼	8270E	Total/NA
Benzo[k]fluoranthene	71		52	13	ug/Kg	1	☼	8270E	Total/NA
Chrysene	160		52	18	ug/Kg	1	☼	8270E	Total/NA
Dibenz(a,h)anthracene	30	J	52	20	ug/Kg	1	☼	8270E	Total/NA
Fluoranthene	350		52	18	ug/Kg	1	☼	8270E	Total/NA
Indeno[1,2,3-cd]pyrene	88		52	16	ug/Kg	1	☼	8270E	Total/NA
Phenanthrene	190		52	17	ug/Kg	1	☼	8270E	Total/NA
Pyrene	290		52	21	ug/Kg	1	☼	8270E	Total/NA
Arsenic	15		1.9	0.41	mg/Kg	1	☼	6010D	Total/NA
Barium	67		26	0.16	mg/Kg	1	☼	6010D	Total/NA
Cadmium	0.15	J	0.64	0.062	mg/Kg	1	☼	6010D	Total/NA
Chromium	16		1.3	0.44	mg/Kg	1	☼	6010D	Total/NA
Copper	10		3.2	0.90	mg/Kg	1	☼	6010D	Total/NA
Lead	19		1.3	0.36	mg/Kg	1	☼	6010D	Total/NA
Selenium	0.86	J	2.6	0.60	mg/Kg	1	☼	6010D	Total/NA
Zinc	680		6.4	4.7	mg/Kg	1	☼	6010D	Total/NA
Mercury	0.030	J	0.14	0.025	mg/Kg	1	☼	7471B	Total/NA
Cyanide, Total	43		3.0	2.3	mg/Kg	5	☼	9012B	Total/NA
Cyanide, Free	0.0070		0.0060	0.0050	mg/L	1		OIA-1677	ASTM Leach

Client Sample ID: DUP-5-20241024

Lab Sample ID: 240-213690-12

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Benzo[a]anthracene	87		52	20	ug/Kg	1	☼	8270E	Total/NA
Benzo[a]pyrene	120		52	18	ug/Kg	1	☼	8270E	Total/NA
Benzo[b]fluoranthene	180		52	16	ug/Kg	1	☼	8270E	Total/NA
Benzo[g,h,i]perylene	110		52	35	ug/Kg	1	☼	8270E	Total/NA
Benzo[k]fluoranthene	59		52	13	ug/Kg	1	☼	8270E	Total/NA
Chrysene	120		52	18	ug/Kg	1	☼	8270E	Total/NA
Dibenz(a,h)anthracene	35	J	52	20	ug/Kg	1	☼	8270E	Total/NA
Fluoranthene	230		52	18	ug/Kg	1	☼	8270E	Total/NA
Indeno[1,2,3-cd]pyrene	78		52	16	ug/Kg	1	☼	8270E	Total/NA
Phenanthrene	75		52	17	ug/Kg	1	☼	8270E	Total/NA
Pyrene	190		52	21	ug/Kg	1	☼	8270E	Total/NA

This Detection Summary does not include radiochemical test results.

Client Sample ID: DUP-5-20241024 (Continued)

Lab Sample ID: 240-213690-12

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Arsenic	11		1.4	0.29	mg/Kg	1	☼	6010D	Total/NA
Barium	55		19	0.12	mg/Kg	1	☼	6010D	Total/NA
Cadmium	0.14	J	0.46	0.044	mg/Kg	1	☼	6010D	Total/NA
Chromium	14		0.93	0.32	mg/Kg	1	☼	6010D	Total/NA
Copper	10		2.3	0.65	mg/Kg	1	☼	6010D	Total/NA
Lead	17		0.93	0.26	mg/Kg	1	☼	6010D	Total/NA
Zinc	380		4.6	3.4	mg/Kg	1	☼	6010D	Total/NA
Cr (VI)	0.22	J	0.54	0.18	mg/Kg	1	☼	7196A	Total/NA
Cyanide, Total	57		3.4	2.7	mg/Kg	5	☼	9012B	Total/NA
Cyanide, Free	0.0065		0.0060	0.0050	mg/L	1		OIA-1677	ASTM Leach

Client Sample ID: T2-500-N-0.0

Lab Sample ID: 240-213690-13

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Benzo[a]anthracene	62		53	20	ug/Kg	1	☼	8270E	Total/NA
Benzo[a]pyrene	72		53	18	ug/Kg	1	☼	8270E	Total/NA
Benzo[b]fluoranthene	100		53	16	ug/Kg	1	☼	8270E	Total/NA
Benzo[g,h,i]perylene	62		53	36	ug/Kg	1	☼	8270E	Total/NA
Benzo[k]fluoranthene	36	J	53	13	ug/Kg	1	☼	8270E	Total/NA
Chrysene	85		53	18	ug/Kg	1	☼	8270E	Total/NA
Fluoranthene	170		53	18	ug/Kg	1	☼	8270E	Total/NA
Indeno[1,2,3-cd]pyrene	53		53	16	ug/Kg	1	☼	8270E	Total/NA
Phenanthrene	71		53	17	ug/Kg	1	☼	8270E	Total/NA
Pyrene	140		53	21	ug/Kg	1	☼	8270E	Total/NA
Arsenic	11		1.9	0.39	mg/Kg	1	☼	6010D	Total/NA
Barium	78		25	0.16	mg/Kg	1	☼	6010D	Total/NA
Cadmium	0.060	J	0.62	0.060	mg/Kg	1	☼	6010D	Total/NA
Chromium	18		1.2	0.43	mg/Kg	1	☼	6010D	Total/NA
Copper	15		3.1	0.87	mg/Kg	1	☼	6010D	Total/NA
Lead	12		1.2	0.35	mg/Kg	1	☼	6010D	Total/NA
Zinc	260		6.2	4.5	mg/Kg	1	☼	6010D	Total/NA
Cyanide, Total	31		3.0	2.4	mg/Kg	5	☼	9012B	Total/NA
Cyanide, Free	0.0075		0.0060	0.0050	mg/L	1		OIA-1677	ASTM Leach

Client Sample ID: TB-8-20241024

Lab Sample ID: 240-213690-14

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
2-Butanone (MEK)	1.5	J	10	1.2	ug/L	1		8260D	Total/NA
Acetone	5.4	J	10	5.4	ug/L	1		8260D	Total/NA

Client Sample ID: TB-9-20241024

Lab Sample ID: 240-213690-15

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
2-Butanone (MEK)	1.4	J	10	1.2	ug/L	1		8260D	Total/NA
Acetone	5.9	J	10	5.4	ug/L	1		8260D	Total/NA

This Detection Summary does not include radiochemical test results.

Client: August Mack Environmental, Inc.
Project/Site: MSC Canfield - N. Ditch Sampling

Job ID: 240-213690-1

Client Sample ID: T2-875-N-2.0
Date Collected: 10/24/24 09:15
Date Received: 10/24/24 16:00

Lab Sample ID: 240-213690-1
Matrix: Solid
Percent Solids: 77.4

Method: SW846 8270E - Semivolatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acenaphthene	ND		52	18	ug/Kg	☼	10/29/24 08:10	10/31/24 13:31	1
Acenaphthylene	ND		52	20	ug/Kg	☼	10/29/24 08:10	10/31/24 13:31	1
Anthracene	ND		52	16	ug/Kg	☼	10/29/24 08:10	10/31/24 13:31	1
Benzo[a]anthracene	ND		52	20	ug/Kg	☼	10/29/24 08:10	10/31/24 13:31	1
Benzo[a]pyrene	ND		52	18	ug/Kg	☼	10/29/24 08:10	10/31/24 13:31	1
Benzo[b]fluoranthene	ND		52	16	ug/Kg	☼	10/29/24 08:10	10/31/24 13:31	1
Benzo[g,h,i]perylene	ND		52	35	ug/Kg	☼	10/29/24 08:10	10/31/24 13:31	1
Benzo[k]fluoranthene	ND		52	13	ug/Kg	☼	10/29/24 08:10	10/31/24 13:31	1
Chrysene	ND		52	18	ug/Kg	☼	10/29/24 08:10	10/31/24 13:31	1
Dibenz(a,h)anthracene	ND		52	20	ug/Kg	☼	10/29/24 08:10	10/31/24 13:31	1
Fluoranthene	ND		52	18	ug/Kg	☼	10/29/24 08:10	10/31/24 13:31	1
Fluorene	ND		52	18	ug/Kg	☼	10/29/24 08:10	10/31/24 13:31	1
Indeno[1,2,3-cd]pyrene	ND		52	16	ug/Kg	☼	10/29/24 08:10	10/31/24 13:31	1
Naphthalene	ND		52	17	ug/Kg	☼	10/29/24 08:10	10/31/24 13:31	1
Phenanthrene	ND		52	17	ug/Kg	☼	10/29/24 08:10	10/31/24 13:31	1
Pyrene	ND		52	21	ug/Kg	☼	10/29/24 08:10	10/31/24 13:31	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2,4,6-Tribromophenol (Surr)	*33*		*10 - 120*	*10/29/24 08:10*	*10/31/24 13:31*	*1*
2-Fluorobiphenyl (Surr)	*70*		*36 - 120*	*10/29/24 08:10*	*10/31/24 13:31*	*1*
2-Fluorophenol (Surr)	*78*		*26 - 120*	*10/29/24 08:10*	*10/31/24 13:31*	*1*
Nitrobenzene-d5 (Surr)	*66*		*28 - 120*	*10/29/24 08:10*	*10/31/24 13:31*	*1*
Phenol-d5 (Surr)	*76*		*29 - 120*	*10/29/24 08:10*	*10/31/24 13:31*	*1*
Terphenyl-d14 (Surr)	*69*		*37 - 120*	*10/29/24 08:10*	*10/31/24 13:31*	*1*

Method: SW846 6010D - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	**11**		1.7	0.36	mg/Kg	☼	10/25/24 15:00	10/29/24 18:17	1
Barium	**72**		23	0.14	mg/Kg	☼	10/25/24 15:00	10/29/24 18:17	1
Cadmium	ND		0.57	0.055	mg/Kg	☼	10/25/24 15:00	10/29/24 18:17	1
Chromium	**19**		1.1	0.39	mg/Kg	☼	10/25/24 15:00	10/29/24 18:17	1
Copper	**18**		2.9	0.80	mg/Kg	☼	10/25/24 15:00	10/29/24 18:17	1
Lead	**11**		1.1	0.32	mg/Kg	☼	10/25/24 15:00	10/29/24 18:17	1
Selenium	ND		2.3	0.54	mg/Kg	☼	10/25/24 15:00	10/29/24 18:17	1
Silver	ND		1.1	0.093	mg/Kg	☼	10/25/24 15:00	10/29/24 18:17	1
Zinc	**68**		5.7	4.1	mg/Kg	☼	10/25/24 15:00	10/29/24 18:17	1

Method: SW846 7471B - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	ND		0.13	0.023	mg/Kg	☼	10/25/24 15:00	10/28/24 12:45	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cr (VI) (SW846 7196A)	ND		0.54	0.18	mg/Kg	☼	11/07/24 08:14	11/07/24 19:09	1
Cyanide, Total (SW846 9012B)	**1.1**		0.67	0.53	mg/Kg	☼	11/05/24 11:32	11/05/24 14:14	1

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Solids (EPA Moisture)	**77.4**		0.1	0.1	%			10/25/24 12:20	1
Percent Moisture (EPA Moisture)	**22.6**		0.1	0.1	%			10/25/24 12:20	1

Client Sample Results

Client: August Mack Environmental, Inc.
Job ID: 240-213690-1
Project/Site: MSC Canfield - N. Ditch Sampling

Client Sample ID: T2-875-N-2.0
Lab Sample ID: 240-213690-1
Date Collected: 10/24/24 09:15
Matrix: Solid
Date Received: 10/24/24 16:00
Percent Solids: 77.4

General Chemistry - ASTM Leach

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cyanide, Free (OI CORP OIA-1677)	0.0059	J	0.0060	0.0050	mg/L			11/06/24 12:27	1

Client: August Mack Environmental, Inc.
Job ID: 240-213690-1
Project/Site: MSC Canfield - N. Ditch Sampling

Client Sample ID: T2-875-C-1.0
Lab Sample ID: 240-213690-2
Date Collected: 10/24/24 09:50
Matrix: Solid
Date Received: 10/24/24 16:00
Percent Solids: 78.5

Method: SW846 8270E - Semivolatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acenaphthene	ND		51	18	ug/Kg	☼	10/29/24 08:10	10/31/24 14:44	1
Acenaphthylene	ND		51	19	ug/Kg	☼	10/29/24 08:10	10/31/24 14:44	1
Anthracene	ND		51	15	ug/Kg	☼	10/29/24 08:10	10/31/24 14:44	1
Benzo[a]anthracene	ND		51	19	ug/Kg	☼	10/29/24 08:10	10/31/24 14:44	1
Benzo[a]pyrene	ND		51	18	ug/Kg	☼	10/29/24 08:10	10/31/24 14:44	1
Benzo[b]fluoranthene	**16**	**J**	51	15	ug/Kg	☼	10/29/24 08:10	10/31/24 14:44	1
Benzo[g,h,i]perylene	ND		51	35	ug/Kg	☼	10/29/24 08:10	10/31/24 14:44	1
Benzo[k]fluoranthene	ND		51	13	ug/Kg	☼	10/29/24 08:10	10/31/24 14:44	1
Chrysene	**23**	**J**	51	18	ug/Kg	☼	10/29/24 08:10	10/31/24 14:44	1
Dibenz(a,h)anthracene	ND		51	19	ug/Kg	☼	10/29/24 08:10	10/31/24 14:44	1
Fluoranthene	**19**	**J**	51	18	ug/Kg	☼	10/29/24 08:10	10/31/24 14:44	1
Fluorene	ND		51	18	ug/Kg	☼	10/29/24 08:10	10/31/24 14:44	1
Indeno[1,2,3-cd]pyrene	ND		51	15	ug/Kg	☼	10/29/24 08:10	10/31/24 14:44	1
Naphthalene	**20**	**J**	51	17	ug/Kg	☼	10/29/24 08:10	10/31/24 14:44	1
Phenanthrene	**21**	**J**	51	17	ug/Kg	☼	10/29/24 08:10	10/31/24 14:44	1
Pyrene	ND		51	21	ug/Kg	☼	10/29/24 08:10	10/31/24 14:44	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2,4,6-Tribromophenol (Surr)	*44*		*10 - 120*	*10/29/24 08:10*	*10/31/24 14:44*	*1*
2-Fluorobiphenyl (Surr)	*63*		*36 - 120*	*10/29/24 08:10*	*10/31/24 14:44*	*1*
2-Fluorophenol (Surr)	*62*		*26 - 120*	*10/29/24 08:10*	*10/31/24 14:44*	*1*
Nitrobenzene-d5 (Surr)	*55*		*28 - 120*	*10/29/24 08:10*	*10/31/24 14:44*	*1*
Phenol-d5 (Surr)	*66*		*29 - 120*	*10/29/24 08:10*	*10/31/24 14:44*	*1*
Terphenyl-d14 (Surr)	*66*		*37 - 120*	*10/29/24 08:10*	*10/31/24 14:44*	*1*

Method: SW846 6010D - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	**14**		1.7	0.37	mg/Kg	☼	10/25/24 15:00	10/29/24 18:48	1
Barium	**59**		23	0.15	mg/Kg	☼	10/25/24 15:00	10/29/24 18:48	1
Cadmium	**0.070**	**J**	0.58	0.056	mg/Kg	☼	10/25/24 15:00	10/29/24 18:48	1
Chromium	**19**		1.2	0.40	mg/Kg	☼	10/25/24 15:00	10/29/24 18:48	1
Copper	**17**		2.9	0.81	mg/Kg	☼	10/25/24 15:00	10/29/24 18:48	1
Lead	**11**		1.2	0.33	mg/Kg	☼	10/25/24 15:00	10/29/24 18:48	1
Selenium	**0.68**	**J**	2.3	0.54	mg/Kg	☼	10/25/24 15:00	10/29/24 18:48	1
Silver	ND		1.2	0.094	mg/Kg	☼	10/25/24 15:00	10/29/24 18:48	1
Zinc	**120**		5.8	4.2	mg/Kg	☼	10/25/24 15:00	10/29/24 18:48	1

Method: SW846 7471B - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	ND		0.13	0.024	mg/Kg	☼	10/25/24 15:00	10/28/24 12:50	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cr (VI) (SW846 7196A)	ND		0.52	0.17	mg/Kg	☼	11/07/24 08:14	11/07/24 19:09	1
Cyanide, Total (SW846 9012B)	**1.3**		0.64	0.51	mg/Kg	☼	11/05/24 11:32	11/05/24 14:16	1

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Solids (EPA Moisture)	**78.5**		0.1	0.1	%			10/25/24 12:20	1
Percent Moisture (EPA Moisture)	**21.5**		0.1	0.1	%			10/25/24 12:20	1

Client: August Mack Environmental, Inc.
Job ID: 240-213690-1
Project/Site: MSC Canfield - N. Ditch Sampling

Client Sample ID: T2-875-C-1.0
Lab Sample ID: 240-213690-2
Date Collected: 10/24/24 09:50
Matrix: Solid
Date Received: 10/24/24 16:00
Percent Solids: 78.5

General Chemistry - ASTM Leach

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cyanide, Free (OI CORP OIA-1677)	ND		0.0060	0.0050	mg/L			11/06/24 12:20	1

Client: August Mack Environmental, Inc.
Project/Site: MSC Canfield - N. Ditch Sampling

Job ID: 240-213690-1

Client Sample ID: T2-750-S-0.0
Date Collected: 10/24/24 10:15
Date Received: 10/24/24 16:00

Lab Sample ID: 240-213690-3
Matrix: Solid
Percent Solids: 68.9

Method: SW846 8270E - Semivolatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acenaphthene	ND		58	20	ug/Kg	☼	10/29/24 08:10	10/31/24 18:23	1
Acenaphthylene	ND		58	22	ug/Kg	☼	10/29/24 08:10	10/31/24 18:23	1
Anthracene	**71**		58	17	ug/Kg	☼	10/29/24 08:10	10/31/24 18:23	1
Benzo[a]anthracene	**400**		58	22	ug/Kg	☼	10/29/24 08:10	10/31/24 18:23	1
Benzo[a]pyrene	**460**		58	20	ug/Kg	☼	10/29/24 08:10	10/31/24 18:23	1
Benzo[b]fluoranthene	**740**		58	17	ug/Kg	☼	10/29/24 08:10	10/31/24 18:23	1
Benzo[g,h,i]perylene	**440**		58	39	ug/Kg	☼	10/29/24 08:10	10/31/24 18:23	1
Benzo[k]fluoranthene	**250**		58	14	ug/Kg	☼	10/29/24 08:10	10/31/24 18:23	1
Chrysene	**530**		58	20	ug/Kg	☼	10/29/24 08:10	10/31/24 18:23	1
Dibenz(a,h)anthracene	**84**		58	22	ug/Kg	☼	10/29/24 08:10	10/31/24 18:23	1
Fluoranthene	**950**		58	20	ug/Kg	☼	10/29/24 08:10	10/31/24 18:23	1
Fluorene	**24**	**J**	58	20	ug/Kg	☼	10/29/24 08:10	10/31/24 18:23	1
Indeno[1,2,3-cd]pyrene	**320**		58	17	ug/Kg	☼	10/29/24 08:10	10/31/24 18:23	1
Naphthalene	**21**	**J**	58	19	ug/Kg	☼	10/29/24 08:10	10/31/24 18:23	1
Phenanthrene	**370**		58	19	ug/Kg	☼	10/29/24 08:10	10/31/24 18:23	1
Pyrene	**780**		58	23	ug/Kg	☼	10/29/24 08:10	10/31/24 18:23	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2,4,6-Tribromophenol (Surr)	*54*		*10 - 120*	*10/29/24 08:10*	*10/31/24 18:23*	*1*
2-Fluorobiphenyl (Surr)	*71*		*36 - 120*	*10/29/24 08:10*	*10/31/24 18:23*	*1*
2-Fluorophenol (Surr)	*73*		*26 - 120*	*10/29/24 08:10*	*10/31/24 18:23*	*1*
Nitrobenzene-d5 (Surr)	*64*		*28 - 120*	*10/29/24 08:10*	*10/31/24 18:23*	*1*
Phenol-d5 (Surr)	*76*		*29 - 120*	*10/29/24 08:10*	*10/31/24 18:23*	*1*
Terphenyl-d14 (Surr)	*69*		*37 - 120*	*10/29/24 08:10*	*10/31/24 18:23*	*1*

Method: SW846 6010D - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	**12**		1.8	0.39	mg/Kg	☼	10/25/24 15:00	10/29/24 18:52	1
Barium	**68**		25	0.15	mg/Kg	☼	10/25/24 15:00	10/29/24 18:52	1
Cadmium	**0.22**	**J**	0.61	0.059	mg/Kg	☼	10/25/24 15:00	10/29/24 18:52	1
Chromium	**17**		1.2	0.42	mg/Kg	☼	10/25/24 15:00	10/29/24 18:52	1
Copper	**12**		3.1	0.86	mg/Kg	☼	10/25/24 15:00	10/29/24 18:52	1
Lead	**19**		1.2	0.35	mg/Kg	☼	10/25/24 15:00	10/29/24 18:52	1
Selenium	**1.1**	**J**	2.5	0.58	mg/Kg	☼	10/25/24 15:00	10/29/24 18:52	1
Silver	ND		1.2	0.10	mg/Kg	☼	10/25/24 15:00	10/29/24 18:52	1
Zinc	**470**		6.1	4.5	mg/Kg	☼	10/25/24 15:00	10/29/24 18:52	1

Method: SW846 7471B - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	**0.034**	**J**	0.14	0.025	mg/Kg	☼	10/25/24 15:00	10/28/24 12:52	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cr (VI) (SW846 7196A)	ND		0.60	0.20	mg/Kg	☼	11/07/24 08:14	11/07/24 19:09	1
Cyanide, Total (SW846 9012B)	**110**		17	14	mg/Kg	☼	11/05/24 11:32	11/05/24 14:24	25

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Solids (EPA Moisture)	**68.9**		0.1	0.1	%			10/25/24 12:20	1
Percent Moisture (EPA Moisture)	**31.1**		0.1	0.1	%			10/25/24 12:20	1

Client: August Mack Environmental, Inc.
Project/Site: MSC Canfield - N. Ditch Sampling

Job ID: 240-213690-1

Client Sample ID: T2-750-S-0.0
Date Collected: 10/24/24 10:15
Date Received: 10/24/24 16:00

Lab Sample ID: 240-213690-3
Matrix: Solid
Percent Solids: 68.9

General Chemistry - ASTM Leach

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cyanide, Free (OI CORP OIA-1677)	0.011		0.0060	0.0050	mg/L			11/06/24 11:50	1

Client Sample ID: T2-750-S-2.0
Lab Sample ID: 240-213690-4
Date Collected: 10/24/24 10:25
Matrix: Solid
Date Received: 10/24/24 16:00
Percent Solids: 81.5

Method: SW846 8270E - Semivolatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acenaphthene	ND		49	17	ug/Kg	☼	10/29/24 08:10	10/31/24 15:33	1
Acenaphthylene	ND		49	18	ug/Kg	☼	10/29/24 08:10	10/31/24 15:33	1
Anthracene	ND		49	15	ug/Kg	☼	10/29/24 08:10	10/31/24 15:33	1
Benzo[a]anthracene	**25**	**J**	49	18	ug/Kg	☼	10/29/24 08:10	10/31/24 15:33	1
Benzo[a]pyrene	**28**	**J**	49	17	ug/Kg	☼	10/29/24 08:10	10/31/24 15:33	1
Benzo[b]fluoranthene	**45**	**J**	49	15	ug/Kg	☼	10/29/24 08:10	10/31/24 15:33	1
Benzo[g,h,i]perylene	ND		49	33	ug/Kg	☼	10/29/24 08:10	10/31/24 15:33	1
Benzo[k]fluoranthene	**14**	**J**	49	12	ug/Kg	☼	10/29/24 08:10	10/31/24 15:33	1
Chrysene	**35**	**J**	49	17	ug/Kg	☼	10/29/24 08:10	10/31/24 15:33	1
Dibenz(a,h)anthracene	ND		49	18	ug/Kg	☼	10/29/24 08:10	10/31/24 15:33	1
Fluoranthene	**57**		49	17	ug/Kg	☼	10/29/24 08:10	10/31/24 15:33	1
Fluorene	ND		49	17	ug/Kg	☼	10/29/24 08:10	10/31/24 15:33	1
Indeno[1,2,3-cd]pyrene	**19**	**J**	49	15	ug/Kg	☼	10/29/24 08:10	10/31/24 15:33	1
Naphthalene	ND		49	16	ug/Kg	☼	10/29/24 08:10	10/31/24 15:33	1
Phenanthrene	**19**	**J**	49	16	ug/Kg	☼	10/29/24 08:10	10/31/24 15:33	1
Pyrene	**54**		49	19	ug/Kg	☼	10/29/24 08:10	10/31/24 15:33	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2,4,6-Tribromophenol (Surr)	*48*		*10 - 120*	*10/29/24 08:10*	*10/31/24 15:33*	*1*
2-Fluorobiphenyl (Surr)	*74*		*36 - 120*	*10/29/24 08:10*	*10/31/24 15:33*	*1*
2-Fluorophenol (Surr)	*79*		*26 - 120*	*10/29/24 08:10*	*10/31/24 15:33*	*1*
Nitrobenzene-d5 (Surr)	*67*		*28 - 120*	*10/29/24 08:10*	*10/31/24 15:33*	*1*
Phenol-d5 (Surr)	*77*		*29 - 120*	*10/29/24 08:10*	*10/31/24 15:33*	*1*
Terphenyl-d14 (Surr)	*72*		*37 - 120*	*10/29/24 08:10*	*10/31/24 15:33*	*1*

Method: SW846 6010D - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	**16**		1.6	0.33	mg/Kg	☼	10/25/24 15:00	10/29/24 18:57	1
Barium	**61**		21	0.13	mg/Kg	☼	10/25/24 15:00	10/29/24 18:57	1
Cadmium	ND		0.53	0.051	mg/Kg	☼	10/25/24 15:00	10/29/24 18:57	1
Chromium	**19**		1.1	0.36	mg/Kg	☼	10/25/24 15:00	10/29/24 18:57	1
Copper	**16**		2.6	0.74	mg/Kg	☼	10/25/24 15:00	10/29/24 18:57	1
Lead	**11**		1.1	0.30	mg/Kg	☼	10/25/24 15:00	10/29/24 18:57	1
Selenium	**0.69**	**J**	2.1	0.50	mg/Kg	☼	10/25/24 15:00	10/29/24 18:57	1
Silver	ND		1.1	0.086	mg/Kg	☼	10/25/24 15:00	10/29/24 18:57	1
Zinc	**80**		5.3	3.8	mg/Kg	☼	10/25/24 15:00	10/29/24 18:57	1

Method: SW846 7471B - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	ND		0.12	0.022	mg/Kg	☼	10/25/24 15:00	10/28/24 12:54	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cr (VI) (SW846 7196A)	ND		0.50	0.17	mg/Kg	☼	11/07/24 08:14	11/07/24 19:09	1
Cyanide, Total (SW846 9012B)	**4.9**		0.61	0.49	mg/Kg	☼	11/05/24 11:32	11/05/24 14:26	1

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Solids (EPA Moisture)	**81.5**		0.1	0.1	%			10/25/24 12:20	1
Percent Moisture (EPA Moisture)	**18.5**		0.1	0.1	%			10/25/24 12:20	1

Client: August Mack Environmental, Inc.
Project/Site: MSC Canfield - N. Ditch Sampling

Job ID: 240-213690-1

Client Sample ID: T2-750-S-2.0
Date Collected: 10/24/24 10:25
Date Received: 10/24/24 16:00

Lab Sample ID: 240-213690-4
Matrix: Solid
Percent Solids: 81.5

General Chemistry - ASTM Leach

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cyanide, Free (OI CORP OIA-1677)	ND		0.0060	0.0050	mg/L			11/10/24 15:54	1

Client: August Mack Environmental, Inc.
Project/Site: MSC Canfield - N. Ditch Sampling

Job ID: 240-213690-1

Client Sample ID: T2-750-N-0.0
Date Collected: 10/24/24 10:55
Date Received: 10/24/24 16:00

Lab Sample ID: 240-213690-5
Matrix: Solid
Percent Solids: 72.9

Method: SW846 8270E - Semivolatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acenaphthene	77	J	110	39	ug/Kg	☼	10/29/24 08:10	10/31/24 19:12	2
Acenaphthylene	ND		110	42	ug/Kg	☼	10/29/24 08:10	10/31/24 19:12	2
Anthracene	390		110	33	ug/Kg	☼	10/29/24 08:10	10/31/24 19:12	2
Benzo[a]anthracene	1500		110	42	ug/Kg	☼	10/29/24 08:10	10/31/24 19:12	2
Benzo[a]pyrene	1400		110	39	ug/Kg	☼	10/29/24 08:10	10/31/24 19:12	2
Benzo[b]fluoranthene	2000		110	33	ug/Kg	☼	10/29/24 08:10	10/31/24 19:12	2
Benzo[g,h,i]perylene	1100		110	75	ug/Kg	☼	10/29/24 08:10	10/31/24 19:12	2
Benzo[k]fluoranthene	810		110	28	ug/Kg	☼	10/29/24 08:10	10/31/24 19:12	2
Chrysene	1700		110	39	ug/Kg	☼	10/29/24 08:10	10/31/24 19:12	2
Dibenz(a,h)anthracene	210		110	42	ug/Kg	☼	10/29/24 08:10	10/31/24 19:12	2
Fluoranthene	3500		110	39	ug/Kg	☼	10/29/24 08:10	10/31/24 19:12	2
Fluorene	97	J	110	39	ug/Kg	☼	10/29/24 08:10	10/31/24 19:12	2
Indeno[1,2,3-cd]pyrene	880		110	33	ug/Kg	☼	10/29/24 08:10	10/31/24 19:12	2
Naphthalene	49	J	110	36	ug/Kg	☼	10/29/24 08:10	10/31/24 19:12	2
Phenanthrene	1500		110	36	ug/Kg	☼	10/29/24 08:10	10/31/24 19:12	2
Pyrene	3000		110	44	ug/Kg	☼	10/29/24 08:10	10/31/24 19:12	2

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2,4,6-Tribromophenol (Surr)	*51*		*10 - 120*	*10/29/24 08:10*	*10/31/24 19:12*	*2*
2-Fluorobiphenyl (Surr)	*73*		*36 - 120*	*10/29/24 08:10*	*10/31/24 19:12*	*2*
2-Fluorophenol (Surr)	*68*		*26 - 120*	*10/29/24 08:10*	*10/31/24 19:12*	*2*
Nitrobenzene-d5 (Surr)	*65*		*28 - 120*	*10/29/24 08:10*	*10/31/24 19:12*	*2*
Phenol-d5 (Surr)	*73*		*29 - 120*	*10/29/24 08:10*	*10/31/24 19:12*	*2*
Terphenyl-d14 (Surr)	*69*		*37 - 120*	*10/29/24 08:10*	*10/31/24 19:12*	*2*

Method: SW846 6010D - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	12		1.6	0.34	mg/Kg	☼	10/25/24 15:00	10/29/24 19:01	1
Barium	68		21	0.13	mg/Kg	☼	10/25/24 15:00	10/29/24 19:01	1
Cadmium	0.24	J	0.53	0.051	mg/Kg	☼	10/25/24 15:00	10/29/24 19:01	1
Chromium	19		1.1	0.36	mg/Kg	☼	10/25/24 15:00	10/29/24 19:01	1
Copper	17		2.7	0.75	mg/Kg	☼	10/25/24 15:00	10/29/24 19:01	1
Lead	22		1.1	0.30	mg/Kg	☼	10/25/24 15:00	10/29/24 19:01	1
Selenium	0.81	J	2.1	0.50	mg/Kg	☼	10/25/24 15:00	10/29/24 19:01	1
Silver	ND		1.1	0.086	mg/Kg	☼	10/25/24 15:00	10/29/24 19:01	1
Zinc	220		5.3	3.9	mg/Kg	☼	10/25/24 15:00	10/29/24 19:01	1

Method: SW846 7471B - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.042	J	0.16	0.028	mg/Kg	☼	10/25/24 15:00	10/28/24 12:55	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cr (VI) (SW846 7196A)	0.47	J	0.57	0.19	mg/Kg	☼	11/07/24 12:04	11/09/24 08:06	1
Cyanide, Total (SW846 9012B)	50		3.6	2.8	mg/Kg	☼	11/05/24 11:32	11/05/24 15:11	5

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Solids (EPA Moisture)	72.9		0.1	0.1	%			10/25/24 12:20	1
Percent Moisture (EPA Moisture)	27.1		0.1	0.1	%			10/25/24 12:20	1

Client: August Mack Environmental, Inc.
Project/Site: MSC Canfield - N. Ditch Sampling

Job ID: 240-213690-1

Client Sample ID: T2-750-N-0.0
Date Collected: 10/24/24 10:55
Date Received: 10/24/24 16:00

Lab Sample ID: 240-213690-5
Matrix: Solid
Percent Solids: 72.9

General Chemistry - ASTM Leach

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cyanide, Free (OI CORP OIA-1677)	0.0057	J	0.0060	0.0050	mg/L			11/06/24 12:22	1

Client: August Mack Environmental, Inc.
Project/Site: MSC Canfield - N. Ditch Sampling

Job ID: 240-213690-1

Client Sample ID: T2-750-N-2.0
Date Collected: 10/24/24 11:30
Date Received: 10/24/24 16:00

Lab Sample ID: 240-213690-6
Matrix: Solid
Percent Solids: 79.6

Method: SW846 8270E - Semivolatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acenaphthene	ND		51	18	ug/Kg	☼	10/29/24 08:10	10/31/24 15:57	1
Acenaphthylene	ND		51	19	ug/Kg	☼	10/29/24 08:10	10/31/24 15:57	1
Anthracene	ND		51	15	ug/Kg	☼	10/29/24 08:10	10/31/24 15:57	1
Benzo[a]anthracene	ND		51	19	ug/Kg	☼	10/29/24 08:10	10/31/24 15:57	1
Benzo[a]pyrene	ND		51	18	ug/Kg	☼	10/29/24 08:10	10/31/24 15:57	1
Benzo[b]fluoranthene	ND		51	15	ug/Kg	☼	10/29/24 08:10	10/31/24 15:57	1
Benzo[g,h,i]perylene	ND		51	34	ug/Kg	☼	10/29/24 08:10	10/31/24 15:57	1
Benzo[k]fluoranthene	ND		51	13	ug/Kg	☼	10/29/24 08:10	10/31/24 15:57	1
Chrysene	ND		51	18	ug/Kg	☼	10/29/24 08:10	10/31/24 15:57	1
Dibenz(a,h)anthracene	ND		51	19	ug/Kg	☼	10/29/24 08:10	10/31/24 15:57	1
Fluoranthene	ND		51	18	ug/Kg	☼	10/29/24 08:10	10/31/24 15:57	1
Fluorene	ND		51	18	ug/Kg	☼	10/29/24 08:10	10/31/24 15:57	1
Indeno[1,2,3-cd]pyrene	ND		51	15	ug/Kg	☼	10/29/24 08:10	10/31/24 15:57	1
Naphthalene	ND		51	17	ug/Kg	☼	10/29/24 08:10	10/31/24 15:57	1
Phenanthrene	ND		51	17	ug/Kg	☼	10/29/24 08:10	10/31/24 15:57	1
Pyrene	ND		51	20	ug/Kg	☼	10/29/24 08:10	10/31/24 15:57	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2,4,6-Tribromophenol (Surr)	*40*		*10 - 120*	*10/29/24 08:10*	*10/31/24 15:57*	*1*
2-Fluorobiphenyl (Surr)	*68*		*36 - 120*	*10/29/24 08:10*	*10/31/24 15:57*	*1*
2-Fluorophenol (Surr)	*70*		*26 - 120*	*10/29/24 08:10*	*10/31/24 15:57*	*1*
Nitrobenzene-d5 (Surr)	*62*		*28 - 120*	*10/29/24 08:10*	*10/31/24 15:57*	*1*
Phenol-d5 (Surr)	*70*		*29 - 120*	*10/29/24 08:10*	*10/31/24 15:57*	*1*
Terphenyl-d14 (Surr)	*68*		*37 - 120*	*10/29/24 08:10*	*10/31/24 15:57*	*1*

Method: SW846 6010D - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	**7.7**		1.8	0.37	mg/Kg	☼	10/25/24 15:00	10/29/24 19:06	1
Barium	**63**		23	0.15	mg/Kg	☼	10/25/24 15:00	10/29/24 19:06	1
Cadmium	**0.069**	**J**	0.59	0.056	mg/Kg	☼	10/25/24 15:00	10/29/24 19:06	1
Chromium	**21**		1.2	0.40	mg/Kg	☼	10/25/24 15:00	10/29/24 19:06	1
Copper	**18**		2.9	0.82	mg/Kg	☼	10/25/24 15:00	10/29/24 19:06	1
Lead	**11**		1.2	0.33	mg/Kg	☼	10/25/24 15:00	10/29/24 19:06	1
Selenium	ND		2.3	0.55	mg/Kg	☼	10/25/24 15:00	10/29/24 19:06	1
Silver	ND		1.2	0.095	mg/Kg	☼	10/25/24 15:00	10/29/24 19:06	1
Zinc	**74**		5.9	4.3	mg/Kg	☼	10/25/24 15:00	10/29/24 19:06	1

Method: SW846 7471B - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	ND		0.12	0.022	mg/Kg	☼	10/25/24 15:00	10/28/24 12:57	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cr (VI) (SW846 7196A)	ND		0.52	0.17	mg/Kg	☼	11/07/24 12:04	11/09/24 08:06	1
Cyanide, Total (SW846 9012B)	**0.73**		0.68	0.54	mg/Kg	☼	11/05/24 11:32	11/05/24 14:29	1

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Solids (EPA Moisture)	**79.6**		0.1	0.1	%			10/25/24 12:20	1
Percent Moisture (EPA Moisture)	**20.4**		0.1	0.1	%			10/25/24 12:20	1

Client: August Mack Environmental, Inc.
Job ID: 240-213690-1
Project/Site: MSC Canfield - N. Ditch Sampling

Client Sample ID: T2-750-N-2.0
Lab Sample ID: 240-213690-6
Date Collected: 10/24/24 11:30
Matrix: Solid
Date Received: 10/24/24 16:00
Percent Solids: 79.6

General Chemistry - ASTM Leach

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cyanide, Free (OI CORP OIA-1677)	ND		0.0060	0.0050	mg/L			11/06/24 11:57	1

Client: August Mack Environmental, Inc.
Project/Site: MSC Canfield - N. Ditch Sampling

Job ID: 240-213690-1

Client Sample ID: DUP-4-20241024
Date Collected: 10/24/24 00:00
Date Received: 10/24/24 16:00

Lab Sample ID: 240-213690-7
Matrix: Solid
Percent Solids: 71.6

Method: SW846 8270E - Semivolatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acenaphthene	ND		56	20	ug/Kg	☼	10/29/24 08:10	10/31/24 18:48	1
Acenaphthylene	ND		56	21	ug/Kg	☼	10/29/24 08:10	10/31/24 18:48	1
Anthracene	**25**	**J**	56	17	ug/Kg	☼	10/29/24 08:10	10/31/24 18:48	1
Benzo[a]anthracene	**150**		56	21	ug/Kg	☼	10/29/24 08:10	10/31/24 18:48	1
Benzo[a]pyrene	**210**		56	20	ug/Kg	☼	10/29/24 08:10	10/31/24 18:48	1
Benzo[b]fluoranthene	**380**		56	17	ug/Kg	☼	10/29/24 08:10	10/31/24 18:48	1
Benzo[g,h,i]perylene	**210**		56	38	ug/Kg	☼	10/29/24 08:10	10/31/24 18:48	1
Benzo[k]fluoranthene	**140**		56	14	ug/Kg	☼	10/29/24 08:10	10/31/24 18:48	1
Chrysene	**280**		56	20	ug/Kg	☼	10/29/24 08:10	10/31/24 18:48	1
Dibenz(a,h)anthracene	**49**	**J**	56	21	ug/Kg	☼	10/29/24 08:10	10/31/24 18:48	1
Fluoranthene	**480**		56	20	ug/Kg	☼	10/29/24 08:10	10/31/24 18:48	1
Fluorene	ND		56	20	ug/Kg	☼	10/29/24 08:10	10/31/24 18:48	1
Indeno[1,2,3-cd]pyrene	**160**		56	17	ug/Kg	☼	10/29/24 08:10	10/31/24 18:48	1
Naphthalene	ND		56	18	ug/Kg	☼	10/29/24 08:10	10/31/24 18:48	1
Phenanthrene	**170**		56	18	ug/Kg	☼	10/29/24 08:10	10/31/24 18:48	1
Pyrene	**390**		56	22	ug/Kg	☼	10/29/24 08:10	10/31/24 18:48	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2,4,6-Tribromophenol (Surr)	*51*		*10 - 120*	*10/29/24 08:10*	*10/31/24 18:48*	*1*
2-Fluorobiphenyl (Surr)	*69*		*36 - 120*	*10/29/24 08:10*	*10/31/24 18:48*	*1*
2-Fluorophenol (Surr)	*71*		*26 - 120*	*10/29/24 08:10*	*10/31/24 18:48*	*1*
Nitrobenzene-d5 (Surr)	*63*		*28 - 120*	*10/29/24 08:10*	*10/31/24 18:48*	*1*
Phenol-d5 (Surr)	*74*		*29 - 120*	*10/29/24 08:10*	*10/31/24 18:48*	*1*
Terphenyl-d14 (Surr)	*66*		*37 - 120*	*10/29/24 08:10*	*10/31/24 18:48*	*1*

Method: SW846 6010D - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	**11**		2.1	0.44	mg/Kg	☼	10/25/24 15:00	10/29/24 19:10	1
Barium	**67**		28	0.17	mg/Kg	☼	10/25/24 15:00	10/29/24 19:10	1
Cadmium	**0.26**	**J**	0.69	0.066	mg/Kg	☼	10/25/24 15:00	10/29/24 19:10	1
Chromium	**18**		1.4	0.47	mg/Kg	☼	10/25/24 15:00	10/29/24 19:10	1
Copper	**12**		3.5	0.97	mg/Kg	☼	10/25/24 15:00	10/29/24 19:10	1
Lead	**20**		1.4	0.39	mg/Kg	☼	10/25/24 15:00	10/29/24 19:10	1
Selenium	**1.0**	**J**	2.8	0.65	mg/Kg	☼	10/25/24 15:00	10/29/24 19:10	1
Silver	ND		1.4	0.11	mg/Kg	☼	10/25/24 15:00	10/29/24 19:10	1
Zinc	**950**		6.9	5.0	mg/Kg	☼	10/25/24 15:00	10/29/24 19:10	1

Method: SW846 7471B - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	**0.051**	**J**	0.13	0.023	mg/Kg	☼	10/25/24 15:00	10/28/24 12:59	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cr (VI) (SW846 7196A)	**0.24**	**J**	0.59	0.20	mg/Kg	☼	11/07/24 12:04	11/09/24 08:06	1
Cyanide, Total (SW846 9012B)	**72**		3.6	2.9	mg/Kg	☼	11/05/24 11:32	11/05/24 15:15	5

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Solids (EPA Moisture)	**71.6**		0.1	0.1	%			10/25/24 12:20	1
Percent Moisture (EPA Moisture)	**28.4**		0.1	0.1	%			10/25/24 12:20	1

Client: August Mack Environmental, Inc.
Project/Site: MSC Canfield - N. Ditch Sampling

Job ID: 240-213690-1

Client Sample ID: DUP-4-20241024
Date Collected: 10/24/24 00:00
Date Received: 10/24/24 16:00

Lab Sample ID: 240-213690-7
Matrix: Solid
Percent Solids: 71.6

General Chemistry - ASTM Leach

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cyanide, Free (OI CORP OIA-1677)	0.010		0.0060	0.0050	mg/L			11/06/24 12:15	1

Client: August Mack Environmental, Inc.
Project/Site: MSC Canfield - N. Ditch Sampling

Job ID: 240-213690-1

Client Sample ID: T2-625-S-0.0
Date Collected: 10/24/24 12:30
Date Received: 10/24/24 16:00

Lab Sample ID: 240-213690-8
Matrix: Solid
Percent Solids: 77.1

Method: SW846 8270E - Semivolatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acenaphthene	ND		52	18	ug/Kg	☼	10/29/24 08:10	10/31/24 17:10	1
Acenaphthylene	ND		52	20	ug/Kg	☼	10/29/24 08:10	10/31/24 17:10	1
Anthracene	**50**	**J**	52	16	ug/Kg	☼	10/29/24 08:10	10/31/24 17:10	1
Benzo[a]anthracene	**320**		52	20	ug/Kg	☼	10/29/24 08:10	10/31/24 17:10	1
Benzo[a]pyrene	**330**		52	18	ug/Kg	☼	10/29/24 08:10	10/31/24 17:10	1
Benzo[b]fluoranthene	**530**		52	16	ug/Kg	☼	10/29/24 08:10	10/31/24 17:10	1
Benzo[g,h,i]perylene	**320**		52	35	ug/Kg	☼	10/29/24 08:10	10/31/24 17:10	1
Benzo[k]fluoranthene	**200**		52	13	ug/Kg	☼	10/29/24 08:10	10/31/24 17:10	1
Chrysene	**430**		52	18	ug/Kg	☼	10/29/24 08:10	10/31/24 17:10	1
Dibenz(a,h)anthracene	**60**		52	20	ug/Kg	☼	10/29/24 08:10	10/31/24 17:10	1
Fluoranthene	**790**		52	18	ug/Kg	☼	10/29/24 08:10	10/31/24 17:10	1
Fluorene	ND		52	18	ug/Kg	☼	10/29/24 08:10	10/31/24 17:10	1
Indeno[1,2,3-cd]pyrene	**230**		52	16	ug/Kg	☼	10/29/24 08:10	10/31/24 17:10	1
Naphthalene	**25**	**J**	52	17	ug/Kg	☼	10/29/24 08:10	10/31/24 17:10	1
Phenanthrene	**290**		52	17	ug/Kg	☼	10/29/24 08:10	10/31/24 17:10	1
Pyrene	**670**		52	21	ug/Kg	☼	10/29/24 08:10	10/31/24 17:10	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2,4,6-Tribromophenol (Surr)	*51*		*10 - 120*	*10/29/24 08:10*	*10/31/24 17:10*	*1*
2-Fluorobiphenyl (Surr)	*69*		*36 - 120*	*10/29/24 08:10*	*10/31/24 17:10*	*1*
2-Fluorophenol (Surr)	*68*		*26 - 120*	*10/29/24 08:10*	*10/31/24 17:10*	*1*
Nitrobenzene-d5 (Surr)	*54*		*28 - 120*	*10/29/24 08:10*	*10/31/24 17:10*	*1*
Phenol-d5 (Surr)	*70*		*29 - 120*	*10/29/24 08:10*	*10/31/24 17:10*	*1*
Terphenyl-d14 (Surr)	*67*		*37 - 120*	*10/29/24 08:10*	*10/31/24 17:10*	*1*

Method: SW846 6010D - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	**9.8**		1.8	0.38	mg/Kg	☼	10/25/24 15:00	10/29/24 19:24	1
Barium	**56**		24	0.15	mg/Kg	☼	10/25/24 15:00	10/29/24 19:24	1
Cadmium	**0.16**	**J**	0.61	0.058	mg/Kg	☼	10/25/24 15:00	10/29/24 19:24	1
Chromium	**15**		1.2	0.42	mg/Kg	☼	10/25/24 15:00	10/29/24 19:24	1
Copper	**8.6**		3.0	0.85	mg/Kg	☼	10/25/24 15:00	10/29/24 19:24	1
Lead	**15**		1.2	0.34	mg/Kg	☼	10/25/24 15:00	10/29/24 19:24	1
Selenium	**0.74**	**J**	2.4	0.57	mg/Kg	☼	10/25/24 15:00	10/29/24 19:24	1
Silver	ND		1.2	0.098	mg/Kg	☼	10/25/24 15:00	10/29/24 19:24	1
Zinc	**1300**		6.1	4.4	mg/Kg	☼	10/25/24 15:00	10/29/24 19:24	1

Method: SW846 7471B - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	**0.022**	**J**	0.12	0.021	mg/Kg	☼	10/25/24 15:00	10/28/24 13:00	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cr (VI) (SW846 7196A)	ND		0.54	0.18	mg/Kg	☼	11/07/24 12:04	11/09/24 08:06	1
Cyanide, Total (SW846 9012B)	**21**		3.4	2.7	mg/Kg	☼	11/05/24 11:32	11/05/24 15:19	5

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Solids (EPA Moisture)	**77.1**		0.1	0.1	%			10/25/24 12:20	1
Percent Moisture (EPA Moisture)	**22.9**		0.1	0.1	%			10/25/24 12:20	1

Client: August Mack Environmental, Inc.
Job ID: 240-213690-1
Project/Site: MSC Canfield - N. Ditch Sampling

Client Sample ID: T2-625-S-0.0
Lab Sample ID: 240-213690-8
Date Collected: 10/24/24 12:30
Matrix: Solid
Date Received: 10/24/24 16:00
Percent Solids: 77.1

General Chemistry - ASTM Leach

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cyanide, Free (OI CORP OIA-1677)	0.0057	J	0.0060	0.0050	mg/L			11/06/24 12:17	1

Client: August Mack Environmental, Inc.
Project/Site: MSC Canfield - N. Ditch Sampling

Job ID: 240-213690-1

Client Sample ID: T2-625-S-2.0

Date Collected: 10/24/24 12:45
Date Received: 10/24/24 16:00

Lab Sample ID: 240-213690-9

Matrix: Solid
Percent Solids: 81.4

Method: SW846 8270E - Semivolatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acenaphthene	ND		49	17	ug/Kg	☼	10/29/24 08:10	10/31/24 15:08	1
Acenaphthylene	ND		49	18	ug/Kg	☼	10/29/24 08:10	10/31/24 15:08	1
Anthracene	ND		49	15	ug/Kg	☼	10/29/24 08:10	10/31/24 15:08	1
Benzo[a]anthracene	**24**	**J**	49	18	ug/Kg	☼	10/29/24 08:10	10/31/24 15:08	1
Benzo[a]pyrene	**26**	**J**	49	17	ug/Kg	☼	10/29/24 08:10	10/31/24 15:08	1
Benzo[b]fluoranthene	**44**	**J**	49	15	ug/Kg	☼	10/29/24 08:10	10/31/24 15:08	1
Benzo[g,h,i]perylene	ND		49	33	ug/Kg	☼	10/29/24 08:10	10/31/24 15:08	1
Benzo[k]fluoranthene	**12**	**J**	49	12	ug/Kg	☼	10/29/24 08:10	10/31/24 15:08	1
Chrysene	**32**	**J**	49	17	ug/Kg	☼	10/29/24 08:10	10/31/24 15:08	1
Dibenz(a,h)anthracene	ND		49	18	ug/Kg	☼	10/29/24 08:10	10/31/24 15:08	1
Fluoranthene	**54**		49	17	ug/Kg	☼	10/29/24 08:10	10/31/24 15:08	1
Fluorene	ND		49	17	ug/Kg	☼	10/29/24 08:10	10/31/24 15:08	1
Indeno[1,2,3-cd]pyrene	**20**	**J**	49	15	ug/Kg	☼	10/29/24 08:10	10/31/24 15:08	1
Naphthalene	ND		49	16	ug/Kg	☼	10/29/24 08:10	10/31/24 15:08	1
Phenanthrene	**17**	**J**	49	16	ug/Kg	☼	10/29/24 08:10	10/31/24 15:08	1
Pyrene	**49**		49	20	ug/Kg	☼	10/29/24 08:10	10/31/24 15:08	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2,4,6-Tribromophenol (Surr)	*46*		*10 - 120*	*10/29/24 08:10*	*10/31/24 15:08*	*1*
2-Fluorobiphenyl (Surr)	*69*		*36 - 120*	*10/29/24 08:10*	*10/31/24 15:08*	*1*
2-Fluorophenol (Surr)	*75*		*26 - 120*	*10/29/24 08:10*	*10/31/24 15:08*	*1*
Nitrobenzene-d5 (Surr)	*63*		*28 - 120*	*10/29/24 08:10*	*10/31/24 15:08*	*1*
Phenol-d5 (Surr)	*74*		*29 - 120*	*10/29/24 08:10*	*10/31/24 15:08*	*1*
Terphenyl-d14 (Surr)	*70*		*37 - 120*	*10/29/24 08:10*	*10/31/24 15:08*	*1*

Method: SW846 6010D - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	**13**		1.5	0.33	mg/Kg	☼	10/25/24 15:00	10/29/24 19:28	1
Barium	**40**		21	0.13	mg/Kg	☼	10/25/24 15:00	10/29/24 19:28	1
Cadmium	**0.053**	**J**	0.52	0.050	mg/Kg	☼	10/25/24 15:00	10/29/24 19:28	1
Chromium	**13**		1.0	0.35	mg/Kg	☼	10/25/24 15:00	10/29/24 19:28	1
Copper	**17**		2.6	0.72	mg/Kg	☼	10/25/24 15:00	10/29/24 19:28	1
Lead	**14**		1.0	0.29	mg/Kg	☼	10/25/24 15:00	10/29/24 19:28	1
Selenium	ND		2.1	0.48	mg/Kg	☼	10/25/24 15:00	10/29/24 19:28	1
Silver	ND		1.0	0.084	mg/Kg	☼	10/25/24 15:00	10/29/24 19:28	1
Zinc	**140**		5.2	3.7	mg/Kg	☼	10/25/24 15:00	10/29/24 19:28	1

Method: SW846 7471B - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	ND		0.12	0.021	mg/Kg	☼	10/25/24 15:00	10/28/24 13:06	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cr (VI) (SW846 7196A)	ND		0.50	0.17	mg/Kg	☼	11/07/24 12:04	11/09/24 08:06	1
Cyanide, Total (SW846 9012B)	**26**		2.7	2.2	mg/Kg	☼	11/05/24 11:32	11/05/24 15:24	5

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Solids (EPA Moisture)	**81.4**		0.1	0.1	%			10/25/24 12:20	1
Percent Moisture (EPA Moisture)	**18.6**		0.1	0.1	%			10/25/24 12:20	1

Client: August Mack Environmental, Inc.
Job ID: 240-213690-1
Project/Site: MSC Canfield - N. Ditch Sampling

Client Sample ID: T2-625-S-2.0
Lab Sample ID: 240-213690-9
Date Collected: 10/24/24 12:45
Matrix: Solid
Date Received: 10/24/24 16:00
Percent Solids: 81.4

General Chemistry - ASTM Leach

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cyanide, Free (OI CORP OIA-1677)	ND		0.0060	0.0050	mg/L			11/06/24 12:05	1

Client: August Mack Environmental, Inc.
Project/Site: MSC Canfield - N. Ditch Sampling

Job ID: 240-213690-1

Client Sample ID: T2-625-N-0.0
Date Collected: 10/24/24 13:15
Date Received: 10/24/24 16:00

Lab Sample ID: 240-213690-10
Matrix: Solid
Percent Solids: 71.7

Method: SW846 8270E - Semivolatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acenaphthene	ND		56	20	ug/Kg	☼	10/29/24 08:10	10/31/24 16:21	1
Acenaphthylene	ND		56	21	ug/Kg	☼	10/29/24 08:10	10/31/24 16:21	1
Anthracene	ND		56	17	ug/Kg	☼	10/29/24 08:10	10/31/24 16:21	1
Benzo[a]anthracene	**39**	**J**	56	21	ug/Kg	☼	10/29/24 08:10	10/31/24 16:21	1
Benzo[a]pyrene	**50**	**J**	56	20	ug/Kg	☼	10/29/24 08:10	10/31/24 16:21	1
Benzo[b]fluoranthene	**78**		56	17	ug/Kg	☼	10/29/24 08:10	10/31/24 16:21	1
Benzo[g,h,i]perylene	**47**	**J**	56	38	ug/Kg	☼	10/29/24 08:10	10/31/24 16:21	1
Benzo[k]fluoranthene	**30**	**J**	56	14	ug/Kg	☼	10/29/24 08:10	10/31/24 16:21	1
Chrysene	**57**		56	20	ug/Kg	☼	10/29/24 08:10	10/31/24 16:21	1
Dibenz(a,h)anthracene	ND		56	21	ug/Kg	☼	10/29/24 08:10	10/31/24 16:21	1
Fluoranthene	**110**		56	20	ug/Kg	☼	10/29/24 08:10	10/31/24 16:21	1
Fluorene	ND		56	20	ug/Kg	☼	10/29/24 08:10	10/31/24 16:21	1
Indeno[1,2,3-cd]pyrene	**36**	**J**	56	17	ug/Kg	☼	10/29/24 08:10	10/31/24 16:21	1
Naphthalene	ND		56	18	ug/Kg	☼	10/29/24 08:10	10/31/24 16:21	1
Phenanthrene	**46**	**J**	56	18	ug/Kg	☼	10/29/24 08:10	10/31/24 16:21	1
Pyrene	**86**		56	22	ug/Kg	☼	10/29/24 08:10	10/31/24 16:21	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2,4,6-Tribromophenol (Surr)	*34*		*10 - 120*	*10/29/24 08:10*	*10/31/24 16:21*	*1*
2-Fluorobiphenyl (Surr)	*64*		*36 - 120*	*10/29/24 08:10*	*10/31/24 16:21*	*1*
2-Fluorophenol (Surr)	*64*		*26 - 120*	*10/29/24 08:10*	*10/31/24 16:21*	*1*
Nitrobenzene-d5 (Surr)	*59*		*28 - 120*	*10/29/24 08:10*	*10/31/24 16:21*	*1*
Phenol-d5 (Surr)	*65*		*29 - 120*	*10/29/24 08:10*	*10/31/24 16:21*	*1*
Terphenyl-d14 (Surr)	*64*		*37 - 120*	*10/29/24 08:10*	*10/31/24 16:21*	*1*

Method: SW846 6010D - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	**16**		1.7	0.37	mg/Kg	☼	10/25/24 15:00	10/29/24 19:33	1
Barium	**53**		23	0.15	mg/Kg	☼	10/25/24 15:00	10/29/24 19:33	1
Cadmium	**0.080**	**J**	0.58	0.056	mg/Kg	☼	10/25/24 15:00	10/29/24 19:33	1
Chromium	**15**		1.2	0.40	mg/Kg	☼	10/25/24 15:00	10/29/24 19:33	1
Copper	**20**		2.9	0.81	mg/Kg	☼	10/25/24 15:00	10/29/24 19:33	1
Lead	**12**		1.2	0.33	mg/Kg	☼	10/25/24 15:00	10/29/24 19:33	1
Selenium	ND		2.3	0.54	mg/Kg	☼	10/25/24 15:00	10/29/24 19:33	1
Silver	ND		1.2	0.094	mg/Kg	☼	10/25/24 15:00	10/29/24 19:33	1
Zinc	**130**		5.8	4.2	mg/Kg	☼	10/25/24 15:00	10/29/24 19:33	1

Method: SW846 7471B - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	ND		0.15	0.027	mg/Kg	☼	10/25/24 15:00	10/28/24 13:07	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cr (VI) (SW846 7196A)	ND		0.58	0.19	mg/Kg	☼	11/07/24 12:04	11/09/24 08:06	1
Cyanide, Total (SW846 9012B)	**11**		0.65	0.51	mg/Kg	☼	11/05/24 11:32	11/05/24 14:36	1

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Solids (EPA Moisture)	**71.7**		0.1	0.1	%			10/25/24 12:20	1
Percent Moisture (EPA Moisture)	**28.3**		0.1	0.1	%			10/25/24 12:20	1

Client: August Mack Environmental, Inc.
Job ID: 240-213690-1
Project/Site: MSC Canfield - N. Ditch Sampling

Client Sample ID: T2-625-N-0.0
Lab Sample ID: 240-213690-10
Date Collected: 10/24/24 13:15
Matrix: Solid
Date Received: 10/24/24 16:00
Percent Solids: 71.7

General Chemistry - ASTM Leach

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cyanide, Free (OI CORP OIA-1677)	ND		0.0060	0.0050	mg/L			11/06/24 12:25	1

Client: August Mack Environmental, Inc.
Project/Site: MSC Canfield - N. Ditch Sampling

Job ID: 240-213690-1

Client Sample ID: T2-500-S-0.0
Date Collected: 10/24/24 13:45
Date Received: 10/24/24 16:00

Lab Sample ID: 240-213690-11
Matrix: Solid
Percent Solids: 75.6

Method: SW846 8270E - Semivolatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acenaphthene	ND		52	18	ug/Kg	☼	10/29/24 08:10	10/31/24 17:35	1
Acenaphthylene	ND		52	20	ug/Kg	☼	10/29/24 08:10	10/31/24 17:35	1
Anthracene	**41**	**J**	52	16	ug/Kg	☼	10/29/24 08:10	10/31/24 17:35	1
Benzo[a]anthracene	**130**		52	20	ug/Kg	☼	10/29/24 08:10	10/31/24 17:35	1
Benzo[a]pyrene	**150**		52	18	ug/Kg	☼	10/29/24 08:10	10/31/24 17:35	1
Benzo[b]fluoranthene	**210**		52	16	ug/Kg	☼	10/29/24 08:10	10/31/24 17:35	1
Benzo[g,h,i]perylene	**120**		52	35	ug/Kg	☼	10/29/24 08:10	10/31/24 17:35	1
Benzo[k]fluoranthene	**71**		52	13	ug/Kg	☼	10/29/24 08:10	10/31/24 17:35	1
Chrysene	**160**		52	18	ug/Kg	☼	10/29/24 08:10	10/31/24 17:35	1
Dibenz(a,h)anthracene	**30**	**J**	52	20	ug/Kg	☼	10/29/24 08:10	10/31/24 17:35	1
Fluoranthene	**350**		52	18	ug/Kg	☼	10/29/24 08:10	10/31/24 17:35	1
Fluorene	ND		52	18	ug/Kg	☼	10/29/24 08:10	10/31/24 17:35	1
Indeno[1,2,3-cd]pyrene	**88**		52	16	ug/Kg	☼	10/29/24 08:10	10/31/24 17:35	1
Naphthalene	ND		52	17	ug/Kg	☼	10/29/24 08:10	10/31/24 17:35	1
Phenanthrene	**190**		52	17	ug/Kg	☼	10/29/24 08:10	10/31/24 17:35	1
Pyrene	**290**		52	21	ug/Kg	☼	10/29/24 08:10	10/31/24 17:35	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2,4,6-Tribromophenol (Surr)	*41*		*10 - 120*	*10/29/24 08:10*	*10/31/24 17:35*	*1*
2-Fluorobiphenyl (Surr)	*60*		*36 - 120*	*10/29/24 08:10*	*10/31/24 17:35*	*1*
2-Fluorophenol (Surr)	*62*		*26 - 120*	*10/29/24 08:10*	*10/31/24 17:35*	*1*
Nitrobenzene-d5 (Surr)	*55*		*28 - 120*	*10/29/24 08:10*	*10/31/24 17:35*	*1*
Phenol-d5 (Surr)	*63*		*29 - 120*	*10/29/24 08:10*	*10/31/24 17:35*	*1*
Terphenyl-d14 (Surr)	*58*		*37 - 120*	*10/29/24 08:10*	*10/31/24 17:35*	*1*

Method: SW846 6010D - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	**15**		1.9	0.41	mg/Kg	☼	10/25/24 15:00	10/29/24 19:37	1
Barium	**67**		26	0.16	mg/Kg	☼	10/25/24 15:00	10/29/24 19:37	1
Cadmium	**0.15**	**J**	0.64	0.062	mg/Kg	☼	10/25/24 15:00	10/29/24 19:37	1
Chromium	**16**		1.3	0.44	mg/Kg	☼	10/25/24 15:00	10/29/24 19:37	1
Copper	**10**		3.2	0.90	mg/Kg	☼	10/25/24 15:00	10/29/24 19:37	1
Lead	**19**		1.3	0.36	mg/Kg	☼	10/25/24 15:00	10/29/24 19:37	1
Selenium	**0.86**	**J**	2.6	0.60	mg/Kg	☼	10/25/24 15:00	10/29/24 19:37	1
Silver	ND		1.3	0.10	mg/Kg	☼	10/25/24 15:00	10/29/24 19:37	1
Zinc	**680**		6.4	4.7	mg/Kg	☼	10/25/24 15:00	10/29/24 19:37	1

Method: SW846 7471B - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	**0.030**	**J**	0.14	0.025	mg/Kg	☼	10/25/24 15:00	10/28/24 13:09	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cr (VI) (SW846 7196A)	ND		0.55	0.18	mg/Kg	☼	11/07/24 12:04	11/09/24 08:06	1
Cyanide, Total (SW846 9012B)	**43**		3.0	2.3	mg/Kg	☼	11/05/24 11:32	11/05/24 15:28	5

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Solids (EPA Moisture)	**75.6**		0.1	0.1	%			10/25/24 12:20	1
Percent Moisture (EPA Moisture)	**24.4**		0.1	0.1	%			10/25/24 12:20	1

Client: August Mack Environmental, Inc.
Job ID: 240-213690-1
Project/Site: MSC Canfield - N. Ditch Sampling

Client Sample ID: T2-500-S-0.0
Lab Sample ID: 240-213690-11
Date Collected: 10/24/24 13:45
Matrix: Solid
Date Received: 10/24/24 16:00
Percent Solids: 75.6

General Chemistry - ASTM Leach

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cyanide, Free (OI CORP OIA-1677)	0.0070		0.0060	0.0050	mg/L			11/06/24 11:47	1

Client: August Mack Environmental, Inc.
Project/Site: MSC Canfield - N. Ditch Sampling

Job ID: 240-213690-1

Client Sample ID: DUP-5-20241024
Date Collected: 10/24/24 00:00
Date Received: 10/24/24 16:00

Lab Sample ID: 240-213690-12
Matrix: Solid
Percent Solids: 76.5

Method: SW846 8270E - Semivolatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acenaphthene	ND		52	18	ug/Kg	☼	10/29/24 08:10	10/31/24 17:59	1
Acenaphthylene	ND		52	20	ug/Kg	☼	10/29/24 08:10	10/31/24 17:59	1
Anthracene	ND		52	16	ug/Kg	☼	10/29/24 08:10	10/31/24 17:59	1
Benzo[a]anthracene	**87**		52	20	ug/Kg	☼	10/29/24 08:10	10/31/24 17:59	1
Benzo[a]pyrene	**120**		52	18	ug/Kg	☼	10/29/24 08:10	10/31/24 17:59	1
Benzo[b]fluoranthene	**180**		52	16	ug/Kg	☼	10/29/24 08:10	10/31/24 17:59	1
Benzo[g,h,i]perylene	**110**		52	35	ug/Kg	☼	10/29/24 08:10	10/31/24 17:59	1
Benzo[k]fluoranthene	**59**		52	13	ug/Kg	☼	10/29/24 08:10	10/31/24 17:59	1
Chrysene	**120**		52	18	ug/Kg	☼	10/29/24 08:10	10/31/24 17:59	1
Dibenz(a,h)anthracene	**35**	**J**	52	20	ug/Kg	☼	10/29/24 08:10	10/31/24 17:59	1
Fluoranthene	**230**		52	18	ug/Kg	☼	10/29/24 08:10	10/31/24 17:59	1
Fluorene	ND		52	18	ug/Kg	☼	10/29/24 08:10	10/31/24 17:59	1
Indeno[1,2,3-cd]pyrene	**78**		52	16	ug/Kg	☼	10/29/24 08:10	10/31/24 17:59	1
Naphthalene	ND		52	17	ug/Kg	☼	10/29/24 08:10	10/31/24 17:59	1
Phenanthrene	**75**		52	17	ug/Kg	☼	10/29/24 08:10	10/31/24 17:59	1
Pyrene	**190**		52	21	ug/Kg	☼	10/29/24 08:10	10/31/24 17:59	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2,4,6-Tribromophenol (Surr)	*49*		*10 - 120*	*10/29/24 08:10*	*10/31/24 17:59*	*1*
2-Fluorobiphenyl (Surr)	*73*		*36 - 120*	*10/29/24 08:10*	*10/31/24 17:59*	*1*
2-Fluorophenol (Surr)	*74*		*26 - 120*	*10/29/24 08:10*	*10/31/24 17:59*	*1*
Nitrobenzene-d5 (Surr)	*64*		*28 - 120*	*10/29/24 08:10*	*10/31/24 17:59*	*1*
Phenol-d5 (Surr)	*74*		*29 - 120*	*10/29/24 08:10*	*10/31/24 17:59*	*1*
Terphenyl-d14 (Surr)	*68*		*37 - 120*	*10/29/24 08:10*	*10/31/24 17:59*	*1*

Method: SW846 6010D - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	**11**		1.4	0.29	mg/Kg	☼	10/25/24 15:00	10/29/24 19:42	1
Barium	**55**		19	0.12	mg/Kg	☼	10/25/24 15:00	10/29/24 19:42	1
Cadmium	**0.14**	**J**	0.46	0.044	mg/Kg	☼	10/25/24 15:00	10/29/24 19:42	1
Chromium	**14**		0.93	0.32	mg/Kg	☼	10/25/24 15:00	10/29/24 19:42	1
Copper	**10**		2.3	0.65	mg/Kg	☼	10/25/24 15:00	10/29/24 19:42	1
Lead	**17**		0.93	0.26	mg/Kg	☼	10/25/24 15:00	10/29/24 19:42	1
Selenium	ND		1.9	0.43	mg/Kg	☼	10/25/24 15:00	10/29/24 19:42	1
Silver	ND		0.93	0.075	mg/Kg	☼	10/25/24 15:00	10/29/24 19:42	1
Zinc	**380**		4.6	3.4	mg/Kg	☼	10/25/24 15:00	10/29/24 19:42	1

Method: SW846 7471B - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	ND		0.15	0.027	mg/Kg	☼	10/25/24 15:00	10/28/24 13:11	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cr (VI) (SW846 7196A)	**0.22**	**J**	0.54	0.18	mg/Kg	☼	11/07/24 12:04	11/09/24 08:06	1
Cyanide, Total (SW846 9012B)	**57**		3.4	2.7	mg/Kg	☼	11/05/24 11:32	11/05/24 15:33	5

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Solids (EPA Moisture)	**76.5**		0.1	0.1	%			10/25/24 12:20	1
Percent Moisture (EPA Moisture)	**23.5**		0.1	0.1	%			10/25/24 12:20	1

Client: August Mack Environmental, Inc.
Job ID: 240-213690-1
Project/Site: MSC Canfield - N. Ditch Sampling

Client Sample ID: DUP-5-20241024
Lab Sample ID: 240-213690-12
Date Collected: 10/24/24 00:00
Matrix: Solid
Date Received: 10/24/24 16:00
Percent Solids: 76.5

General Chemistry - ASTM Leach

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cyanide, Free (OI CORP OIA-1677)	0.0065		0.0060	0.0050	mg/L			11/06/24 12:12	1

Client Sample ID: T2-500-N-0.0
Lab Sample ID: 240-213690-13
Date Collected: 10/24/24 14:00
Matrix: Solid
Date Received: 10/24/24 16:00
Percent Solids: 76.6

Method: SW846 8270E - Semivolatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acenaphthene	ND		53	18	ug/Kg	☼	10/29/24 08:10	10/31/24 16:46	1
Acenaphthylene	ND		53	20	ug/Kg	☼	10/29/24 08:10	10/31/24 16:46	1
Anthracene	ND		53	16	ug/Kg	☼	10/29/24 08:10	10/31/24 16:46	1
Benzo[a]anthracene	**62**		53	20	ug/Kg	☼	10/29/24 08:10	10/31/24 16:46	1
Benzo[a]pyrene	**72**		53	18	ug/Kg	☼	10/29/24 08:10	10/31/24 16:46	1
Benzo[b]fluoranthene	**100**		53	16	ug/Kg	☼	10/29/24 08:10	10/31/24 16:46	1
Benzo[g,h,i]perylene	**62**		53	36	ug/Kg	☼	10/29/24 08:10	10/31/24 16:46	1
Benzo[k]fluoranthene	**36**	**J**	53	13	ug/Kg	☼	10/29/24 08:10	10/31/24 16:46	1
Chrysene	**85**		53	18	ug/Kg	☼	10/29/24 08:10	10/31/24 16:46	1
Dibenz(a,h)anthracene	ND		53	20	ug/Kg	☼	10/29/24 08:10	10/31/24 16:46	1
Fluoranthene	**170**		53	18	ug/Kg	☼	10/29/24 08:10	10/31/24 16:46	1
Fluorene	ND		53	18	ug/Kg	☼	10/29/24 08:10	10/31/24 16:46	1
Indeno[1,2,3-cd]pyrene	**53**		53	16	ug/Kg	☼	10/29/24 08:10	10/31/24 16:46	1
Naphthalene	ND		53	17	ug/Kg	☼	10/29/24 08:10	10/31/24 16:46	1
Phenanthrene	**71**		53	17	ug/Kg	☼	10/29/24 08:10	10/31/24 16:46	1
Pyrene	**140**		53	21	ug/Kg	☼	10/29/24 08:10	10/31/24 16:46	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2,4,6-Tribromophenol (Surr)	*38*		*10 - 120*	*10/29/24 08:10*	*10/31/24 16:46*	*1*
2-Fluorobiphenyl (Surr)	*62*		*36 - 120*	*10/29/24 08:10*	*10/31/24 16:46*	*1*
2-Fluorophenol (Surr)	*59*		*26 - 120*	*10/29/24 08:10*	*10/31/24 16:46*	*1*
Nitrobenzene-d5 (Surr)	*55*		*28 - 120*	*10/29/24 08:10*	*10/31/24 16:46*	*1*
Phenol-d5 (Surr)	*61*		*29 - 120*	*10/29/24 08:10*	*10/31/24 16:46*	*1*
Terphenyl-d14 (Surr)	*60*		*37 - 120*	*10/29/24 08:10*	*10/31/24 16:46*	*1*

Method: SW846 6010D - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	**11**		1.9	0.39	mg/Kg	☼	10/25/24 15:00	10/29/24 19:46	1
Barium	**78**		25	0.16	mg/Kg	☼	10/25/24 15:00	10/29/24 19:46	1
Cadmium	**0.060**	**J**	0.62	0.060	mg/Kg	☼	10/25/24 15:00	10/29/24 19:46	1
Chromium	**18**		1.2	0.43	mg/Kg	☼	10/25/24 15:00	10/29/24 19:46	1
Copper	**15**		3.1	0.87	mg/Kg	☼	10/25/24 15:00	10/29/24 19:46	1
Lead	**12**		1.2	0.35	mg/Kg	☼	10/25/24 15:00	10/29/24 19:46	1
Selenium	ND		2.5	0.58	mg/Kg	☼	10/25/24 15:00	10/29/24 19:46	1
Silver	ND		1.2	0.10	mg/Kg	☼	10/25/24 15:00	10/29/24 19:46	1
Zinc	**260**		6.2	4.5	mg/Kg	☼	10/25/24 15:00	10/29/24 19:46	1

Method: SW846 7471B - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	ND		0.12	0.022	mg/Kg	☼	10/25/24 15:00	10/28/24 13:12	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cr (VI) (SW846 7196A)	ND		0.55	0.18	mg/Kg	☼	11/07/24 12:04	11/09/24 08:06	1
Cyanide, Total (SW846 9012B)	**31**		3.0	2.4	mg/Kg	☼	11/05/24 11:32	11/05/24 15:37	5

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Solids (EPA Moisture)	**76.6**		0.1	0.1	%			10/25/24 12:20	1
Percent Moisture (EPA Moisture)	**23.4**		0.1	0.1	%			10/25/24 12:20	1

Client: August Mack Environmental, Inc.
Project/Site: MSC Canfield - N. Ditch Sampling

Job ID: 240-213690-1

Client Sample ID: T2-500-N-0.0
Date Collected: 10/24/24 14:00
Date Received: 10/24/24 16:00

Lab Sample ID: 240-213690-13
Matrix: Solid
Percent Solids: 76.6

General Chemistry - ASTM Leach

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cyanide, Free (OI CORP OIA-1677)	0.0075		0.0060	0.0050	mg/L			11/10/24 15:59	1

Client: August Mack Environmental, Inc.
Project/Site: MSC Canfield - N. Ditch Sampling

Job ID: 240-213690-1

Client Sample ID: TB-8-20241024
Date Collected: 10/24/24 14:25
Date Received: 10/24/24 16:00

Lab Sample ID: 240-213690-14
Matrix: Water

Method: SW846 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		1.0	0.48	ug/L			11/02/24 15:48	1
1,1,2,2-Tetrachloroethane	ND		1.0	0.60	ug/L			11/02/24 15:48	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		1.0	0.41	ug/L			11/02/24 15:48	1
1,1,2-Trichloroethane	ND		1.0	0.48	ug/L			11/02/24 15:48	1
1,1-Dichloroethane	ND		1.0	0.47	ug/L			11/02/24 15:48	1
1,1-Dichloroethene	ND		1.0	0.49	ug/L			11/02/24 15:48	1
1,2,4-Trichlorobenzene	ND		1.0	0.77	ug/L			11/02/24 15:48	1
1,2-Dibromo-3-Chloropropane	ND		2.0	0.91	ug/L			11/02/24 15:48	1
Ethylene Dibromide	ND		1.0	0.41	ug/L			11/02/24 15:48	1
1,2-Dichlorobenzene	ND		1.0	0.48	ug/L			11/02/24 15:48	1
1,2-Dichloroethane	ND		1.0	0.46	ug/L			11/02/24 15:48	1
1,2-Dichloropropane	ND		1.0	0.47	ug/L			11/02/24 15:48	1
1,3-Dichlorobenzene	ND		1.0	0.45	ug/L			11/02/24 15:48	1
1,4-Dichlorobenzene	ND		1.0	0.41	ug/L			11/02/24 15:48	1
2-Butanone (MEK)	**1.5**	**J**	10	1.2	ug/L			11/02/24 15:48	1
2-Hexanone	ND		10	1.1	ug/L			11/02/24 15:48	1
4-Methyl-2-pentanone (MIBK)	ND		10	0.99	ug/L			11/02/24 15:48	1
Acetone	**5.4**	**J**	10	5.4	ug/L			11/02/24 15:48	1
Benzene	ND		1.0	0.42	ug/L			11/02/24 15:48	1
Dichlorobromomethane	ND		1.0	0.38	ug/L			11/02/24 15:48	1
Bromoform	ND		1.0	0.76	ug/L			11/02/24 15:48	1
Bromomethane	ND		1.0	0.42	ug/L			11/02/24 15:48	1
Carbon disulfide	ND		1.0	0.59	ug/L			11/02/24 15:48	1
Carbon tetrachloride	ND		1.0	0.26	ug/L			11/02/24 15:48	1
Chlorobenzene	ND		1.0	0.38	ug/L			11/02/24 15:48	1
Chloroethane	ND		1.0	0.83	ug/L			11/02/24 15:48	1
Chloroform	ND		1.0	0.47	ug/L			11/02/24 15:48	1
Chloromethane	ND		1.0	0.63	ug/L			11/02/24 15:48	1
cis-1,2-Dichloroethene	ND		1.0	0.46	ug/L			11/02/24 15:48	1
cis-1,3-Dichloropropene	ND		1.0	0.61	ug/L			11/02/24 15:48	1
Cyclohexane	ND		1.0	0.48	ug/L			11/02/24 15:48	1
Chlorodibromomethane	ND		1.0	0.39	ug/L			11/02/24 15:48	1
Dichlorodifluoromethane	ND		1.0	0.35	ug/L			11/02/24 15:48	1
Ethylbenzene	ND		1.0	0.42	ug/L			11/02/24 15:48	1
Isopropylbenzene	ND		1.0	0.49	ug/L			11/02/24 15:48	1
Methyl acetate	ND		10	1.7	ug/L			11/02/24 15:48	1
Methyl tert-butyl ether	ND		1.0	0.47	ug/L			11/02/24 15:48	1
Methylcyclohexane	ND		1.0	0.33	ug/L			11/02/24 15:48	1
Methylene Chloride	ND		5.0	2.6	ug/L			11/02/24 15:48	1
Styrene	ND		1.0	0.45	ug/L			11/02/24 15:48	1
Tetrachloroethene	ND		1.0	0.44	ug/L			11/02/24 15:48	1
Toluene	ND		1.0	0.44	ug/L			11/02/24 15:48	1
trans-1,2-Dichloroethene	ND		1.0	0.51	ug/L			11/02/24 15:48	1
trans-1,3-Dichloropropene	ND		1.0	0.67	ug/L			11/02/24 15:48	1
Trichloroethene	ND		1.0	0.44	ug/L			11/02/24 15:48	1
Trichlorofluoromethane	ND		1.0	0.45	ug/L			11/02/24 15:48	1
Vinyl chloride	ND		1.0	0.45	ug/L			11/02/24 15:48	1
Xylenes, Total	ND		2.0	0.42	ug/L			11/02/24 15:48	1

Client: August Mack Environmental, Inc.
Project/Site: MSC Canfield - N. Ditch Sampling

Job ID: 240-213690-1

Client Sample ID: TB-8-20241024
Date Collected: 10/24/24 14:25
Date Received: 10/24/24 16:00

Lab Sample ID: 240-213690-14
Matrix: Water

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
Toluene-d8 (Surr)	99		78 - 122		11/02/24 15:48	1
Dibromofluoromethane (Surr)	102		73 - 120		11/02/24 15:48	1
4-Bromofluorobenzene (Surr)	87		56 - 136		11/02/24 15:48	1
1,2-Dichloroethane-d4 (Surr)	106		62 - 137		11/02/24 15:48	1

Client: August Mack Environmental, Inc.
Project/Site: MSC Canfield - N. Ditch Sampling

Job ID: 240-213690-1

Client Sample ID: TB-9-20241024
Date Collected: 10/24/24 14:30
Date Received: 10/24/24 16:00

Lab Sample ID: 240-213690-15
Matrix: Water

Method: SW846 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		1.0	0.48	ug/L			11/02/24 16:13	1
1,1,2,2-Tetrachloroethane	ND		1.0	0.60	ug/L			11/02/24 16:13	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		1.0	0.41	ug/L			11/02/24 16:13	1
1,1,2-Trichloroethane	ND		1.0	0.48	ug/L			11/02/24 16:13	1
1,1-Dichloroethane	ND		1.0	0.47	ug/L			11/02/24 16:13	1
1,1-Dichloroethene	ND		1.0	0.49	ug/L			11/02/24 16:13	1
1,2,4-Trichlorobenzene	ND		1.0	0.77	ug/L			11/02/24 16:13	1
1,2-Dibromo-3-Chloropropane	ND		2.0	0.91	ug/L			11/02/24 16:13	1
Ethylene Dibromide	ND		1.0	0.41	ug/L			11/02/24 16:13	1
1,2-Dichlorobenzene	ND		1.0	0.48	ug/L			11/02/24 16:13	1
1,2-Dichloroethane	ND		1.0	0.46	ug/L			11/02/24 16:13	1
1,2-Dichloropropane	ND		1.0	0.47	ug/L			11/02/24 16:13	1
1,3-Dichlorobenzene	ND		1.0	0.45	ug/L			11/02/24 16:13	1
1,4-Dichlorobenzene	ND		1.0	0.41	ug/L			11/02/24 16:13	1
2-Butanone (MEK)	**1.4**	**J**	10	1.2	ug/L			11/02/24 16:13	1
2-Hexanone	ND		10	1.1	ug/L			11/02/24 16:13	1
4-Methyl-2-pentanone (MIBK)	ND		10	0.99	ug/L			11/02/24 16:13	1
Acetone	**5.9**	**J**	10	5.4	ug/L			11/02/24 16:13	1
Benzene	ND		1.0	0.42	ug/L			11/02/24 16:13	1
Dichlorobromomethane	ND		1.0	0.38	ug/L			11/02/24 16:13	1
Bromoform	ND		1.0	0.76	ug/L			11/02/24 16:13	1
Bromomethane	ND		1.0	0.42	ug/L			11/02/24 16:13	1
Carbon disulfide	ND		1.0	0.59	ug/L			11/02/24 16:13	1
Carbon tetrachloride	ND		1.0	0.26	ug/L			11/02/24 16:13	1
Chlorobenzene	ND		1.0	0.38	ug/L			11/02/24 16:13	1
Chloroethane	ND		1.0	0.83	ug/L			11/02/24 16:13	1
Chloroform	ND		1.0	0.47	ug/L			11/02/24 16:13	1
Chloromethane	ND		1.0	0.63	ug/L			11/02/24 16:13	1
cis-1,2-Dichloroethene	ND		1.0	0.46	ug/L			11/02/24 16:13	1
cis-1,3-Dichloropropene	ND		1.0	0.61	ug/L			11/02/24 16:13	1
Cyclohexane	ND		1.0	0.48	ug/L			11/02/24 16:13	1
Chlorodibromomethane	ND		1.0	0.39	ug/L			11/02/24 16:13	1
Dichlorodifluoromethane	ND		1.0	0.35	ug/L			11/02/24 16:13	1
Ethylbenzene	ND		1.0	0.42	ug/L			11/02/24 16:13	1
Isopropylbenzene	ND		1.0	0.49	ug/L			11/02/24 16:13	1
Methyl acetate	ND		10	1.7	ug/L			11/02/24 16:13	1
Methyl tert-butyl ether	ND		1.0	0.47	ug/L			11/02/24 16:13	1
Methylcyclohexane	ND		1.0	0.33	ug/L			11/02/24 16:13	1
Methylene Chloride	ND		5.0	2.6	ug/L			11/02/24 16:13	1
Styrene	ND		1.0	0.45	ug/L			11/02/24 16:13	1
Tetrachloroethene	ND		1.0	0.44	ug/L			11/02/24 16:13	1
Toluene	ND		1.0	0.44	ug/L			11/02/24 16:13	1
trans-1,2-Dichloroethene	ND		1.0	0.51	ug/L			11/02/24 16:13	1
trans-1,3-Dichloropropene	ND		1.0	0.67	ug/L			11/02/24 16:13	1
Trichloroethene	ND		1.0	0.44	ug/L			11/02/24 16:13	1
Trichlorofluoromethane	ND		1.0	0.45	ug/L			11/02/24 16:13	1
Vinyl chloride	ND		1.0	0.45	ug/L			11/02/24 16:13	1
Xylenes, Total	ND		2.0	0.42	ug/L			11/02/24 16:13	1

Client: August Mack Environmental, Inc.
Project/Site: MSC Canfield - N. Ditch Sampling

Job ID: 240-213690-1

Client Sample ID: TB-9-20241024
Date Collected: 10/24/24 14:30
Date Received: 10/24/24 16:00

Lab Sample ID: 240-213690-15
Matrix: Water

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
Toluene-d8 (Surr)	99		78 - 122		11/02/24 16:13	1
Dibromofluoromethane (Surr)	100		73 - 120		11/02/24 16:13	1
4-Bromofluorobenzene (Surr)	84		56 - 136		11/02/24 16:13	1
1,2-Dichloroethane-d4 (Surr)	104		62 - 137		11/02/24 16:13	1

Surrogate Summary

Client: August Mack Environmental, Inc.
Project/Site: MSC Canfield - N. Ditch Sampling

Job ID: 240-213690-1

Method: 8260D - Volatile Organic Compounds by GC/MS

Matrix: Water

Prep Type: Total/NA

		Percent Surrogate Recovery (Acceptance Limits)			
		TOL	DBFM	BFB	DCA
Lab Sample ID	Client Sample ID	(78-122)	(73-120)	(56-136)	(62-137)
240-213690-14	TB-8-20241024	99	102	87	106
240-213690-15	TB-9-20241024	99	100	84	104
LCS 240-633658/6	Lab Control Sample	102	95	95	97
MB 240-633658/10	Method Blank	101	100	88	103

Surrogate Legend

TOL = Toluene-d8 (Surr)
DBFM = Dibromofluoromethane (Surr)
BFB = 4-Bromofluorobenzene (Surr)
DCA = 1,2-Dichloroethane-d4 (Surr)

Method: 8270E - Semivolatile Organic Compounds (GC/MS)

Matrix: Solid

Prep Type: Total/NA

		Percent Surrogate Recovery (Acceptance Limits)					
		TBP	FBP	2FP	NBZ	PHL	TPHL
Lab Sample ID	Client Sample ID	(10-120)	(36-120)	(26-120)	(28-120)	(29-120)	(37-120)
240-213690-1	T2-875-N-2.0	33	70	78	66	76	69
240-213690-1 MS	T2-875-N-2.0	65	75	83	76	84	84
240-213690-1 MSD	T2-875-N-2.0	55	63	72	61	75	73
240-213690-2	T2-875-C-1.0	44	63	62	55	66	66
240-213690-3	T2-750-S-0.0	54	71	73	64	76	69
240-213690-4	T2-750-S-2.0	48	74	79	67	77	72
240-213690-5	T2-750-N-0.0	51	73	68	65	73	69
240-213690-6	T2-750-N-2.0	40	68	70	62	70	68
240-213690-7	DUP-4-20241024	51	69	71	63	74	66
240-213690-8	T2-625-S-0.0	51	69	68	54	70	67
240-213690-9	T2-625-S-2.0	46	69	75	63	74	70
240-213690-10	T2-625-N-0.0	34	64	64	59	65	64
240-213690-11	T2-500-S-0.0	41	60	62	55	63	58
240-213690-12	DUP-5-20241024	49	73	74	64	74	68
240-213690-13	T2-500-N-0.0	38	62	59	55	61	60
LCS 240-632877/2-A	Lab Control Sample	51	68	71	68	72	67
MB 240-632877/1-A	Method Blank	36	65	68	61	70	71

Surrogate Legend

TBP = 2,4,6-Tribromophenol (Surr)
FBP = 2-Fluorobiphenyl (Surr)
2FP = 2-Fluorophenol (Surr)
NBZ = Nitrobenzene-d5 (Surr)
PHL = Phenol-d5 (Surr)
TPHL = Terphenyl-d14 (Surr)

Method: 8260D - Volatile Organic Compounds by GC/MS

Lab Sample ID: MB 240-633658/10
Matrix: Water
Analysis Batch: 633658

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		1.0	0.48	ug/L			11/02/24 14:30	1
1,1,2,2-Tetrachloroethane	ND		1.0	0.60	ug/L			11/02/24 14:30	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		1.0	0.41	ug/L			11/02/24 14:30	1
1,1,2-Trichloroethane	ND		1.0	0.48	ug/L			11/02/24 14:30	1
1,1-Dichloroethane	ND		1.0	0.47	ug/L			11/02/24 14:30	1
1,1-Dichloroethene	ND		1.0	0.49	ug/L			11/02/24 14:30	1
1,2,4-Trichlorobenzene	ND		1.0	0.77	ug/L			11/02/24 14:30	1
1,2-Dibromo-3-Chloropropane	ND		2.0	0.91	ug/L			11/02/24 14:30	1
Ethylene Dibromide	ND		1.0	0.41	ug/L			11/02/24 14:30	1
1,2-Dichlorobenzene	ND		1.0	0.48	ug/L			11/02/24 14:30	1
1,2-Dichloroethane	ND		1.0	0.46	ug/L			11/02/24 14:30	1
1,2-Dichloropropane	ND		1.0	0.47	ug/L			11/02/24 14:30	1
1,3-Dichlorobenzene	ND		1.0	0.45	ug/L			11/02/24 14:30	1
1,4-Dichlorobenzene	ND		1.0	0.41	ug/L			11/02/24 14:30	1
2-Butanone (MEK)	ND		10	1.2	ug/L			11/02/24 14:30	1
2-Hexanone	ND		10	1.1	ug/L			11/02/24 14:30	1
4-Methyl-2-pentanone (MIBK)	ND		10	0.99	ug/L			11/02/24 14:30	1
Acetone	ND		10	5.4	ug/L			11/02/24 14:30	1
Benzene	ND		1.0	0.42	ug/L			11/02/24 14:30	1
Dichlorobromomethane	ND		1.0	0.38	ug/L			11/02/24 14:30	1
Bromoform	ND		1.0	0.76	ug/L			11/02/24 14:30	1
Bromomethane	ND		1.0	0.42	ug/L			11/02/24 14:30	1
Carbon disulfide	ND		1.0	0.59	ug/L			11/02/24 14:30	1
Carbon tetrachloride	ND		1.0	0.26	ug/L			11/02/24 14:30	1
Chlorobenzene	ND		1.0	0.38	ug/L			11/02/24 14:30	1
Chloroethane	ND		1.0	0.83	ug/L			11/02/24 14:30	1
Chloroform	ND		1.0	0.47	ug/L			11/02/24 14:30	1
Chloromethane	ND		1.0	0.63	ug/L			11/02/24 14:30	1
cis-1,2-Dichloroethene	ND		1.0	0.46	ug/L			11/02/24 14:30	1
cis-1,3-Dichloropropene	ND		1.0	0.61	ug/L			11/02/24 14:30	1
Cyclohexane	ND		1.0	0.48	ug/L			11/02/24 14:30	1
Chlorodibromomethane	ND		1.0	0.39	ug/L			11/02/24 14:30	1
Dichlorodifluoromethane	ND		1.0	0.35	ug/L			11/02/24 14:30	1
Ethylbenzene	ND		1.0	0.42	ug/L			11/02/24 14:30	1
Isopropylbenzene	ND		1.0	0.49	ug/L			11/02/24 14:30	1
Methyl acetate	ND		10	1.7	ug/L			11/02/24 14:30	1
Methyl tert-butyl ether	ND		1.0	0.47	ug/L			11/02/24 14:30	1
Methylcyclohexane	ND		1.0	0.33	ug/L			11/02/24 14:30	1
Methylene Chloride	ND		5.0	2.6	ug/L			11/02/24 14:30	1
Styrene	ND		1.0	0.45	ug/L			11/02/24 14:30	1
Tetrachloroethene	ND		1.0	0.44	ug/L			11/02/24 14:30	1
Toluene	ND		1.0	0.44	ug/L			11/02/24 14:30	1
trans-1,2-Dichloroethene	ND		1.0	0.51	ug/L			11/02/24 14:30	1
trans-1,3-Dichloropropene	ND		1.0	0.67	ug/L			11/02/24 14:30	1
Trichloroethene	ND		1.0	0.44	ug/L			11/02/24 14:30	1
Trichlorofluoromethane	ND		1.0	0.45	ug/L			11/02/24 14:30	1
Vinyl chloride	ND		1.0	0.45	ug/L			11/02/24 14:30	1
Xylenes, Total	ND		2.0	0.42	ug/L			11/02/24 14:30	1

Method: 8260D - Volatile Organic Compounds by GC/MS (Continued)

Lab Sample ID: MB 240-633658/10
Matrix: Water
Analysis Batch: 633658

Client Sample ID: Method Blank
Prep Type: Total/NA

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
Toluene-d8 (Surr)	*101*		*78 - 122*		*11/02/24 14:30*	*1*
Dibromofluoromethane (Surr)	*100*		*73 - 120*		*11/02/24 14:30*	*1*
4-Bromofluorobenzene (Surr)	*88*		*56 - 136*		*11/02/24 14:30*	*1*
1,2-Dichloroethane-d4 (Surr)	*103*		*62 - 137*		*11/02/24 14:30*	*1*

Lab Sample ID: LCS 240-633658/6
Matrix: Water
Analysis Batch: 633658

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
1,1,1-Trichloroethane	20.0	15.1		ug/L		76	64 - 131
1,1,2,2-Tetrachloroethane	20.0	19.8		ug/L		99	58 - 157
1,1,2-Trichloro-1,2,2-trifluoroethane	20.0	19.2		ug/L		96	51 - 146
1,1,2-Trichloroethane	20.0	19.2		ug/L		96	70 - 138
1,1-Dichloroethane	20.0	18.7		ug/L		93	72 - 127
1,1-Dichloroethene	20.0	20.1		ug/L		101	63 - 134
1,2,4-Trichlorobenzene	20.0	16.6		ug/L		83	44 - 147
1,2-Dibromo-3-Chloropropane	20.0	16.0		ug/L		80	53 - 135
Ethylene Dibromide	20.0	18.5		ug/L		92	71 - 134
1,2-Dichlorobenzene	20.0	17.6		ug/L		88	78 - 120
1,2-Dichloroethane	20.0	16.9		ug/L		85	66 - 128
1,2-Dichloropropane	20.0	19.2		ug/L		96	75 - 133
1,3-Dichlorobenzene	20.0	17.2		ug/L		86	80 - 120
1,4-Dichlorobenzene	20.0	17.2		ug/L		86	80 - 120
2-Butanone (MEK)	40.0	35.2		ug/L		88	54 - 156
2-Hexanone	40.0	38.6		ug/L		97	43 - 167
4-Methyl-2-pentanone (MIBK)	40.0	37.0		ug/L		93	46 - 158
Acetone	40.0	38.7		ug/L		97	50 - 149
Benzene	20.0	18.5		ug/L		93	77 - 123
Dichlorobromomethane	20.0	16.5		ug/L		83	69 - 126
Bromoform	20.0	17.7		ug/L		89	57 - 129
Bromomethane	20.0	13.9		ug/L		69	36 - 142
Carbon disulfide	20.0	21.8		ug/L		109	43 - 140
Carbon tetrachloride	20.0	16.5		ug/L		82	55 - 137
Chlorobenzene	20.0	18.1		ug/L		90	80 - 121
Chloroethane	20.0	16.1		ug/L		80	38 - 152
Chloroform	20.0	17.3		ug/L		86	74 - 122
Chloromethane	20.0	15.9		ug/L		79	47 - 143
cis-1,2-Dichloroethene	20.0	17.6		ug/L		88	77 - 123
cis-1,3-Dichloropropene	20.0	16.2		ug/L		81	64 - 130
Cyclohexane	20.0	15.5		ug/L		77	58 - 146
Chlorodibromomethane	20.0	16.8		ug/L		84	70 - 124
Dichlorodifluoromethane	20.0	12.6		ug/L		63	34 - 153
Ethylbenzene	20.0	17.9		ug/L		89	80 - 121
Isopropylbenzene	20.0	19.6		ug/L		98	74 - 128
Methyl acetate	40.0	36.0		ug/L		90	42 - 169
Methyl tert-butyl ether	20.0	18.3		ug/L		92	65 - 126
Methylcyclohexane	20.0	16.5		ug/L		82	62 - 136

Method: 8260D - Volatile Organic Compounds by GC/MS (Continued)

Lab Sample ID: LCS 240-633658/6
Matrix: Water
Analysis Batch: 633658

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Methylene Chloride	20.0	19.8		ug/L		99	71 - 125
Styrene	20.0	17.5		ug/L		87	80 - 135
Tetrachloroethene	20.0	18.1		ug/L		91	76 - 123
Toluene	20.0	18.5		ug/L		92	80 - 123
trans-1,2-Dichloroethene	20.0	18.7		ug/L		94	75 - 124
trans-1,3-Dichloropropene	20.0	19.2		ug/L		96	57 - 129
Trichloroethene	20.0	16.5		ug/L		83	70 - 122
Trichlorofluoromethane	20.0	16.1		ug/L		80	30 - 170
Vinyl chloride	20.0	19.2		ug/L		96	60 - 144
Xylenes, Total	40.0	35.5		ug/L		89	80 - 121
m-Xylene & p-Xylene	20.0	17.5		ug/L		88	80 - 120
o-Xylene	20.0	18.0		ug/L		90	80 - 123

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
Toluene-d8 (Surr)	*102*		*78 - 122*
Dibromofluoromethane (Surr)	*95*		*73 - 120*
4-Bromofluorobenzene (Surr)	*95*		*56 - 136*
1,2-Dichloroethane-d4 (Surr)	*97*		*62 - 137*

Method: 8270E - Semivolatile Organic Compounds (GC/MS)

Lab Sample ID: MB 240-632877/1-A
Matrix: Solid
Analysis Batch: 633290

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 632877

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acenaphthene	ND		40	14	ug/Kg		10/29/24 08:10	10/31/24 11:29	1
Acenaphthylene	ND		40	15	ug/Kg		10/29/24 08:10	10/31/24 11:29	1
Anthracene	ND		40	12	ug/Kg		10/29/24 08:10	10/31/24 11:29	1
Benzo[a]anthracene	ND		40	15	ug/Kg		10/29/24 08:10	10/31/24 11:29	1
Benzo[a]pyrene	ND		40	14	ug/Kg		10/29/24 08:10	10/31/24 11:29	1
Benzo[b]fluoranthene	ND		40	12	ug/Kg		10/29/24 08:10	10/31/24 11:29	1
Benzo[g,h,i]perylene	ND		40	27	ug/Kg		10/29/24 08:10	10/31/24 11:29	1
Benzo[k]fluoranthene	ND		40	10	ug/Kg		10/29/24 08:10	10/31/24 11:29	1
Chrysene	ND		40	14	ug/Kg		10/29/24 08:10	10/31/24 11:29	1
Dibenz(a,h)anthracene	ND		40	15	ug/Kg		10/29/24 08:10	10/31/24 11:29	1
Fluoranthene	ND		40	14	ug/Kg		10/29/24 08:10	10/31/24 11:29	1
Fluorene	ND		40	14	ug/Kg		10/29/24 08:10	10/31/24 11:29	1
Indeno[1,2,3-cd]pyrene	ND		40	12	ug/Kg		10/29/24 08:10	10/31/24 11:29	1
Naphthalene	ND		40	13	ug/Kg		10/29/24 08:10	10/31/24 11:29	1
Phenanthrene	ND		40	13	ug/Kg		10/29/24 08:10	10/31/24 11:29	1
Pyrene	ND		40	16	ug/Kg		10/29/24 08:10	10/31/24 11:29	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2,4,6-Tribromophenol (Surr)	*36*		*10 - 120*	*10/29/24 08:10*	*10/31/24 11:29*	*1*
2-Fluorobiphenyl (Surr)	*65*		*36 - 120*	*10/29/24 08:10*	*10/31/24 11:29*	*1*
2-Fluorophenol (Surr)	*68*		*26 - 120*	*10/29/24 08:10*	*10/31/24 11:29*	*1*
Nitrobenzene-d5 (Surr)	*61*		*28 - 120*	*10/29/24 08:10*	*10/31/24 11:29*	*1*

Method: 8270E - Semivolatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: MB 240-632877/1-A
Matrix: Solid
Analysis Batch: 633290

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 632877

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
Phenol-d5 (Surr)	70		29 - 120	10/29/24 08:10	10/31/24 11:29	1
Terphenyl-d14 (Surr)	71		37 - 120	10/29/24 08:10	10/31/24 11:29	1

Lab Sample ID: LCS 240-632877/2-A
Matrix: Solid
Analysis Batch: 633290

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 632877

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Acenaphthene	1330	1020		ug/Kg		76	56 - 120
Acenaphthylene	1330	1010		ug/Kg		76	54 - 120
Anthracene	1330	1070		ug/Kg		80	59 - 120
Benzo[a]anthracene	1330	1120		ug/Kg		84	59 - 120
Benzo[a]pyrene	1330	1110		ug/Kg		84	54 - 120
Benzo[b]fluoranthene	1330	1110		ug/Kg		83	58 - 120
Benzo[g,h,i]perylene	1330	1170		ug/Kg		87	56 - 120
Benzo[k]fluoranthene	1330	1100		ug/Kg		82	59 - 120
Chrysene	1330	1130		ug/Kg		84	58 - 120
Dibenz(a,h)anthracene	1330	1030		ug/Kg		77	54 - 120
Fluoranthene	1330	1070		ug/Kg		81	59 - 120
Fluorene	1330	1030		ug/Kg		77	56 - 120
Indeno[1,2,3-cd]pyrene	1330	1220		ug/Kg		92	53 - 120
Naphthalene	1330	996		ug/Kg		75	54 - 120
Phenanthrene	1330	1070		ug/Kg		80	57 - 120
Pyrene	1330	1140		ug/Kg		86	59 - 120

Surrogate	LCS %Recovery	LCS Qualifier	Limits
2,4,6-Tribromophenol (Surr)	51		10 - 120
2-Fluorobiphenyl (Surr)	68		36 - 120
2-Fluorophenol (Surr)	71		26 - 120
Nitrobenzene-d5 (Surr)	68		28 - 120
Phenol-d5 (Surr)	72		29 - 120
Terphenyl-d14 (Surr)	67		37 - 120

Lab Sample ID: 240-213690-1 MS
Matrix: Solid
Analysis Batch: 633290

Client Sample ID: T2-875-N-2.0
Prep Type: Total/NA
Prep Batch: 632877

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Acenaphthene	ND		1710	1460		ug/Kg	☼	85	26 - 120
Acenaphthylene	ND		1710	1470		ug/Kg	☼	86	25 - 120
Anthracene	ND		1710	1680		ug/Kg	☼	98	25 - 121
Benzo[a]anthracene	ND		1710	1860		ug/Kg	☼	108	21 - 130
Benzo[a]pyrene	ND		1710	1790		ug/Kg	☼	105	12 - 131
Benzo[b]fluoranthene	ND		1710	1750		ug/Kg	☼	102	14 - 134
Benzo[g,h,i]perylene	ND		1710	2010		ug/Kg	☼	117	10 - 145
Benzo[k]fluoranthene	ND		1710	1680		ug/Kg	☼	98	18 - 126
Chrysene	ND		1710	1810		ug/Kg	☼	106	20 - 126
Dibenz(a,h)anthracene	ND		1710	1670		ug/Kg	☼	98	10 - 141

Method: 8270E - Semivolatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: 240-213690-1 MS
Matrix: Solid
Analysis Batch: 633290

Client Sample ID: T2-875-N-2.0
Prep Type: Total/NA
Prep Batch: 632877

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Fluoranthene	ND		1710	1690		ug/Kg	☼	99	18 - 139
Fluorene	ND		1710	1550		ug/Kg	☼	91	29 - 120
Indeno[1,2,3-cd]pyrene	ND		1710	1970		ug/Kg	☼	115	10 - 143
Naphthalene	ND		1710	1340		ug/Kg	☼	78	17 - 120
Phenanthrene	ND		1710	1640		ug/Kg	☼	95	18 - 122
Pyrene	ND		1710	1800		ug/Kg	☼	105	18 - 136

Surrogate	*MS %Recovery*	*MS Qualifier*	*Limits*
2,4,6-Tribromophenol (Surr)	*65*		*10 - 120*
2-Fluorobiphenyl (Surr)	*75*		*36 - 120*
2-Fluorophenol (Surr)	*83*		*26 - 120*
Nitrobenzene-d5 (Surr)	*76*		*28 - 120*
Phenol-d5 (Surr)	*84*		*29 - 120*
Terphenyl-d14 (Surr)	*84*		*37 - 120*

Lab Sample ID: 240-213690-1 MSD
Matrix: Solid
Analysis Batch: 633290

Client Sample ID: T2-875-N-2.0
Prep Type: Total/NA
Prep Batch: 632877

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Acenaphthene	ND		1720	1230		ug/Kg	☼	72	26 - 120	17	40
Acenaphthylene	ND		1720	1280		ug/Kg	☼	75	25 - 120	14	40
Anthracene	ND		1720	1500		ug/Kg	☼	87	25 - 121	11	40
Benzo[a]anthracene	ND		1720	1590		ug/Kg	☼	92	21 - 130	16	40
Benzo[a]pyrene	ND		1720	1580		ug/Kg	☼	92	12 - 131	12	40
Benzo[b]fluoranthene	ND		1720	1540		ug/Kg	☼	90	14 - 134	12	40
Benzo[g,h,i]perylene	ND		1720	1710		ug/Kg	☼	100	10 - 145	16	40
Benzo[k]fluoranthene	ND		1720	1550		ug/Kg	☼	90	18 - 126	8	40
Chrysene	ND		1720	1530		ug/Kg	☼	89	20 - 126	17	40
Dibenz(a,h)anthracene	ND		1720	1470		ug/Kg	☼	85	10 - 141	13	40
Fluoranthene	ND		1720	1480		ug/Kg	☼	86	18 - 139	13	40
Fluorene	ND		1720	1360		ug/Kg	☼	79	29 - 120	14	40
Indeno[1,2,3-cd]pyrene	ND		1720	1760		ug/Kg	☼	103	10 - 143	11	40
Naphthalene	ND		1720	1060		ug/Kg	☼	62	17 - 120	23	40
Phenanthrene	ND		1720	1470		ug/Kg	☼	85	18 - 122	11	40
Pyrene	ND		1720	1550		ug/Kg	☼	91	18 - 136	15	40

Surrogate	*MSD %Recovery*	*MSD Qualifier*	*Limits*
2,4,6-Tribromophenol (Surr)	*55*		*10 - 120*
2-Fluorobiphenyl (Surr)	*63*		*36 - 120*
2-Fluorophenol (Surr)	*72*		*26 - 120*
Nitrobenzene-d5 (Surr)	*61*		*28 - 120*
Phenol-d5 (Surr)	*75*		*29 - 120*
Terphenyl-d14 (Surr)	*73*		*37 - 120*

Method: 6010D - Metals (ICP)

Lab Sample ID: MB 240-632545/1-A
Matrix: Solid
Analysis Batch: 633046

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 632545

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	ND		1.5	0.32	mg/Kg		10/25/24 15:00	10/29/24 18:08	1
Barium	ND		20	0.13	mg/Kg		10/25/24 15:00	10/29/24 18:08	1
Cadmium	ND		0.50	0.048	mg/Kg		10/25/24 15:00	10/29/24 18:08	1
Chromium	ND		1.0	0.34	mg/Kg		10/25/24 15:00	10/29/24 18:08	1
Copper	ND		2.5	0.70	mg/Kg		10/25/24 15:00	10/29/24 18:08	1
Lead	ND		1.0	0.28	mg/Kg		10/25/24 15:00	10/29/24 18:08	1
Selenium	ND		2.0	0.47	mg/Kg		10/25/24 15:00	10/29/24 18:08	1
Silver	ND		1.0	0.081	mg/Kg		10/25/24 15:00	10/29/24 18:08	1
Zinc	ND		5.0	3.6	mg/Kg		10/25/24 15:00	10/29/24 18:08	1

Lab Sample ID: LCS 240-632545/2-A
Matrix: Solid
Analysis Batch: 633046

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 632545

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Arsenic	200	189		mg/Kg		94	80 - 120
Barium	200	185		mg/Kg		92	80 - 120
Cadmium	100	92.8		mg/Kg		93	80 - 120
Chromium	100	88.6		mg/Kg		89	80 - 120
Copper	100	92.7		mg/Kg		93	80 - 120
Lead	100	92.1		mg/Kg		92	80 - 120
Selenium	200	196		mg/Kg		98	80 - 120
Silver	10.0	9.20		mg/Kg		92	80 - 120
Zinc	100	94.5		mg/Kg		94	80 - 120

Lab Sample ID: 240-213690-1 MS
Matrix: Solid
Analysis Batch: 633046

Client Sample ID: T2-875-N-2.0
Prep Type: Total/NA
Prep Batch: 632545

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Arsenic	11		217	193		mg/Kg	☼	84	75 - 125
Barium	72		217	251		mg/Kg	☼	83	75 - 125
Cadmium	ND		109	91.2		mg/Kg	☼	84	75 - 125
Chromium	19		109	109		mg/Kg	☼	82	75 - 125
Copper	18		109	111		mg/Kg	☼	86	75 - 125
Lead	11		109	97.3		mg/Kg	☼	80	75 - 125
Selenium	ND		217	187		mg/Kg	☼	86	75 - 125
Silver	ND		10.9	9.25		mg/Kg	☼	85	75 - 125
Zinc	68		109	172		mg/Kg	☼	96	75 - 125

Lab Sample ID: 240-213690-1 MSD
Matrix: Solid
Analysis Batch: 633046

Client Sample ID: T2-875-N-2.0
Prep Type: Total/NA
Prep Batch: 632545

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Arsenic	11		217	195		mg/Kg	☼	85	75 - 125	1	20
Barium	72		217	266		mg/Kg	☼	89	75 - 125	6	20
Cadmium	ND		109	90.1		mg/Kg	☼	83	75 - 125	1	20
Chromium	19		109	107		mg/Kg	☼	81	75 - 125	2	20

Method: 6010D - Metals (ICP) (Continued)

Lab Sample ID: 240-213690-1 MSD
Matrix: Solid
Analysis Batch: 633046

Client Sample ID: T2-875-N-2.0
Prep Type: Total/NA
Prep Batch: 632545

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Copper	18		109	111		mg/Kg	☼	86	75 - 125	0	20
Lead	11		109	97.0		mg/Kg	☼	79	75 - 125	0	20
Selenium	ND		217	187		mg/Kg	☼	86	75 - 125	0	20
Silver	ND		10.9	9.15		mg/Kg	☼	84	75 - 125	1	20
Zinc	68		109	169		mg/Kg	☼	93	75 - 125	2	20

Method: 7471B - Mercury (CVAA)

Lab Sample ID: MB 240-632547/1-A
Matrix: Solid
Analysis Batch: 632782

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 632547

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	ND		0.10	0.018	mg/Kg		10/25/24 15:00	10/28/24 12:38	1

Lab Sample ID: LCS 240-632547/2-A
Matrix: Solid
Analysis Batch: 632782

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 632547

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Mercury	0.833	0.829		mg/Kg		99	80 - 120

Lab Sample ID: 240-213690-1 MS
Matrix: Solid
Analysis Batch: 632782

Client Sample ID: T2-875-N-2.0
Prep Type: Total/NA
Prep Batch: 632547

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Mercury	ND		0.239	0.249		mg/Kg	☼	104	80 - 120

Lab Sample ID: 240-213690-1 MSD
Matrix: Solid
Analysis Batch: 632782

Client Sample ID: T2-875-N-2.0
Prep Type: Total/NA
Prep Batch: 632547

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Mercury	ND		0.239	0.256		mg/Kg	☼	107	80 - 120	3	20

Method: 7196A - Chromium, Hexavalent

Lab Sample ID: MB 410-572298/1-A
Matrix: Solid
Analysis Batch: 572627

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 572298

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cr (VI)	ND		0.42	0.14	mg/Kg		11/07/24 08:14	11/07/24 19:09	1

Lab Sample ID: LCS 410-572298/2-A
Matrix: Solid
Analysis Batch: 572627

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 572298

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Cr (VI)	5.00	5.05		mg/Kg		101	80 - 120

Method: 7196A - Chromium, Hexavalent

Lab Sample ID: LCSI 410-572298/3-A
Matrix: Solid
Analysis Batch: 572627

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 572298

Analyte	Spike Added	LCSI Result	LCSI Qualifier	Unit	D	%Rec	%Rec Limits
Cr (VI)	791	757		mg/Kg		96	80 - 120

Lab Sample ID: MB 410-572435/1-A
Matrix: Solid
Analysis Batch: 573196

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 572435

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cr (VI)	ND		0.42	0.14	mg/Kg		11/07/24 12:04	11/09/24 08:06	1

Lab Sample ID: LCS 410-572435/2-A
Matrix: Solid
Analysis Batch: 573196

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 572435

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Cr (VI)	5.00	4.88		mg/Kg		98	80 - 120

Lab Sample ID: LCSI 410-572435/3-A
Matrix: Solid
Analysis Batch: 573196

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 572435

Analyte	Spike Added	LCSI Result	LCSI Qualifier	Unit	D	%Rec	%Rec Limits
Cr (VI)	804	749		mg/Kg		93	80 - 120

Method: 9012B - Cyanide, Total andor Amenable

Lab Sample ID: MB 240-634014/1-A
Matrix: Solid
Analysis Batch: 634057

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 634014

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cyanide, Total	ND		0.46	0.37	mg/Kg		11/05/24 11:32	11/05/24 13:57	1

Lab Sample ID: LCS 240-634014/2-A
Matrix: Solid
Analysis Batch: 634057

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 634014

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Cyanide, Total	7.85	7.91		mg/Kg		101	65 - 128

Method: Moisture - Percent Moisture

Lab Sample ID: 240-213690-2 DU
Matrix: Solid
Analysis Batch: 632527

Client Sample ID: T2-875-C-1.0
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	DU Result	DU Qualifier	Unit	D	RPD	RPD Limit
Percent Solids	78.5		78.7		%			20
Percent Moisture	21.5		21.3		%			20

Method: Moisture - Percent Moisture (Continued)

Lab Sample ID: 240-213690-11 DU
Matrix: Solid
Analysis Batch: 632527

Client Sample ID: T2-500-S-0.0
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	DU Result	DU Qualifier	Unit	D	RPD	RPD Limit
Percent Solids	75.6		77.7		%			20
Percent Moisture	24.4		22.3		%			20

Method: OIA-1677 - Cyanide, Free (Flow Injection)

Lab Sample ID: MB 410-572293/17
Matrix: Solid
Analysis Batch: 572293

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cyanide, Free	ND		0.0060	0.0050	mg/L			11/06/24 11:15	1

Lab Sample ID: MB 410-572293/33
Matrix: Solid
Analysis Batch: 572293

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cyanide, Free	ND		0.0060	0.0050	mg/L			11/06/24 11:55	1

Lab Sample ID: LCS 410-572293/16
Matrix: Solid
Analysis Batch: 572293

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Cyanide, Free	0.0500	0.0556		mg/L		111	82 - 132

Lab Sample ID: LCS 410-572293/32
Matrix: Solid
Analysis Batch: 572293

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Cyanide, Free	0.0500	0.0555		mg/L		111	82 - 132

Lab Sample ID: MB 410-573369/17
Matrix: Solid
Analysis Batch: 573369

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cyanide, Free	ND		0.0060	0.0050	mg/L			11/10/24 15:39	1

Lab Sample ID: LCS 410-573369/16
Matrix: Solid
Analysis Batch: 573369

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Cyanide, Free	0.0500	0.0528		mg/L		106	82 - 132

Method: OIA-1677 - Cyanide, Free (Flow Injection) (Continued)

Lab Sample ID: 240-213690-6 MS
Matrix: Solid
Analysis Batch: 572293

Client Sample ID: T2-750-N-2.0
Prep Type: ASTM Leach

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Cyanide, Free	ND		0.0500	0.0429		mg/L		86	82 - 130

Lab Sample ID: 240-213690-6 MSD
Matrix: Solid
Analysis Batch: 572293

Client Sample ID: T2-750-N-2.0
Prep Type: ASTM Leach

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Cyanide, Free	ND		0.0500	0.0424		mg/L		85	82 - 130	1	11

GC/MS VOA

Analysis Batch: 633658

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
240-213690-14	TB-8-20241024	Total/NA	Water	8260D	
240-213690-15	TB-9-20241024	Total/NA	Water	8260D	
MB 240-633658/10	Method Blank	Total/NA	Water	8260D	
LCS 240-633658/6	Lab Control Sample	Total/NA	Water	8260D	

GC/MS Semi VOA

Prep Batch: 632877

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
240-213690-1	T2-875-N-2.0	Total/NA	Solid	3546	
240-213690-2	T2-875-C-1.0	Total/NA	Solid	3546	
240-213690-3	T2-750-S-0.0	Total/NA	Solid	3546	
240-213690-4	T2-750-S-2.0	Total/NA	Solid	3546	
240-213690-5	T2-750-N-0.0	Total/NA	Solid	3546	
240-213690-6	T2-750-N-2.0	Total/NA	Solid	3546	
240-213690-7	DUP-4-20241024	Total/NA	Solid	3546	
240-213690-8	T2-625-S-0.0	Total/NA	Solid	3546	
240-213690-9	T2-625-S-2.0	Total/NA	Solid	3546	
240-213690-10	T2-625-N-0.0	Total/NA	Solid	3546	
240-213690-11	T2-500-S-0.0	Total/NA	Solid	3546	
240-213690-12	DUP-5-20241024	Total/NA	Solid	3546	
240-213690-13	T2-500-N-0.0	Total/NA	Solid	3546	
MB 240-632877/1-A	Method Blank	Total/NA	Solid	3546	
LCS 240-632877/2-A	Lab Control Sample	Total/NA	Solid	3546	
240-213690-1 MS	T2-875-N-2.0	Total/NA	Solid	3546	
240-213690-1 MSD	T2-875-N-2.0	Total/NA	Solid	3546	

Analysis Batch: 633290

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
240-213690-1	T2-875-N-2.0	Total/NA	Solid	8270E	632877
240-213690-2	T2-875-C-1.0	Total/NA	Solid	8270E	632877
240-213690-3	T2-750-S-0.0	Total/NA	Solid	8270E	632877
240-213690-4	T2-750-S-2.0	Total/NA	Solid	8270E	632877
240-213690-5	T2-750-N-0.0	Total/NA	Solid	8270E	632877
240-213690-6	T2-750-N-2.0	Total/NA	Solid	8270E	632877
240-213690-7	DUP-4-20241024	Total/NA	Solid	8270E	632877
240-213690-8	T2-625-S-0.0	Total/NA	Solid	8270E	632877
240-213690-9	T2-625-S-2.0	Total/NA	Solid	8270E	632877
240-213690-10	T2-625-N-0.0	Total/NA	Solid	8270E	632877
240-213690-11	T2-500-S-0.0	Total/NA	Solid	8270E	632877
240-213690-12	DUP-5-20241024	Total/NA	Solid	8270E	632877
240-213690-13	T2-500-N-0.0	Total/NA	Solid	8270E	632877
MB 240-632877/1-A	Method Blank	Total/NA	Solid	8270E	632877
LCS 240-632877/2-A	Lab Control Sample	Total/NA	Solid	8270E	632877
240-213690-1 MS	T2-875-N-2.0	Total/NA	Solid	8270E	632877
240-213690-1 MSD	T2-875-N-2.0	Total/NA	Solid	8270E	632877

Metals

Prep Batch: 632545

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
240-213690-1	T2-875-N-2.0	Total/NA	Solid	3050B	

Metals (Continued)

Prep Batch: 632545 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
240-213690-2	T2-875-C-1.0	Total/NA	Solid	3050B	
240-213690-3	T2-750-S-0.0	Total/NA	Solid	3050B	
240-213690-4	T2-750-S-2.0	Total/NA	Solid	3050B	
240-213690-5	T2-750-N-0.0	Total/NA	Solid	3050B	
240-213690-6	T2-750-N-2.0	Total/NA	Solid	3050B	
240-213690-7	DUP-4-20241024	Total/NA	Solid	3050B	
240-213690-8	T2-625-S-0.0	Total/NA	Solid	3050B	
240-213690-9	T2-625-S-2.0	Total/NA	Solid	3050B	
240-213690-10	T2-625-N-0.0	Total/NA	Solid	3050B	
240-213690-11	T2-500-S-0.0	Total/NA	Solid	3050B	
240-213690-12	DUP-5-20241024	Total/NA	Solid	3050B	
240-213690-13	T2-500-N-0.0	Total/NA	Solid	3050B	
MB 240-632545/1-A	Method Blank	Total/NA	Solid	3050B	
LCS 240-632545/2-A	Lab Control Sample	Total/NA	Solid	3050B	
240-213690-1 MS	T2-875-N-2.0	Total/NA	Solid	3050B	
240-213690-1 MSD	T2-875-N-2.0	Total/NA	Solid	3050B	

Prep Batch: 632547

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
240-213690-1	T2-875-N-2.0	Total/NA	Solid	7471B	
240-213690-2	T2-875-C-1.0	Total/NA	Solid	7471B	
240-213690-3	T2-750-S-0.0	Total/NA	Solid	7471B	
240-213690-4	T2-750-S-2.0	Total/NA	Solid	7471B	
240-213690-5	T2-750-N-0.0	Total/NA	Solid	7471B	
240-213690-6	T2-750-N-2.0	Total/NA	Solid	7471B	
240-213690-7	DUP-4-20241024	Total/NA	Solid	7471B	
240-213690-8	T2-625-S-0.0	Total/NA	Solid	7471B	
240-213690-9	T2-625-S-2.0	Total/NA	Solid	7471B	
240-213690-10	T2-625-N-0.0	Total/NA	Solid	7471B	
240-213690-11	T2-500-S-0.0	Total/NA	Solid	7471B	
240-213690-12	DUP-5-20241024	Total/NA	Solid	7471B	
240-213690-13	T2-500-N-0.0	Total/NA	Solid	7471B	
MB 240-632547/1-A	Method Blank	Total/NA	Solid	7471B	
LCS 240-632547/2-A	Lab Control Sample	Total/NA	Solid	7471B	
240-213690-1 MS	T2-875-N-2.0	Total/NA	Solid	7471B	
240-213690-1 MSD	T2-875-N-2.0	Total/NA	Solid	7471B	

Analysis Batch: 632782

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
240-213690-1	T2-875-N-2.0	Total/NA	Solid	7471B	632547
240-213690-2	T2-875-C-1.0	Total/NA	Solid	7471B	632547
240-213690-3	T2-750-S-0.0	Total/NA	Solid	7471B	632547
240-213690-4	T2-750-S-2.0	Total/NA	Solid	7471B	632547
240-213690-5	T2-750-N-0.0	Total/NA	Solid	7471B	632547
240-213690-6	T2-750-N-2.0	Total/NA	Solid	7471B	632547
240-213690-7	DUP-4-20241024	Total/NA	Solid	7471B	632547
240-213690-8	T2-625-S-0.0	Total/NA	Solid	7471B	632547
240-213690-9	T2-625-S-2.0	Total/NA	Solid	7471B	632547
240-213690-10	T2-625-N-0.0	Total/NA	Solid	7471B	632547
240-213690-11	T2-500-S-0.0	Total/NA	Solid	7471B	632547
240-213690-12	DUP-5-20241024	Total/NA	Solid	7471B	632547

Metals (Continued)

Analysis Batch: 632782 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
240-213690-13	T2-500-N-0.0	Total/NA	Solid	7471B	632547
MB 240-632547/1-A	Method Blank	Total/NA	Solid	7471B	632547
LCS 240-632547/2-A	Lab Control Sample	Total/NA	Solid	7471B	632547
240-213690-1 MS	T2-875-N-2.0	Total/NA	Solid	7471B	632547
240-213690-1 MSD	T2-875-N-2.0	Total/NA	Solid	7471B	632547

Analysis Batch: 633046

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
240-213690-1	T2-875-N-2.0	Total/NA	Solid	6010D	632545
240-213690-2	T2-875-C-1.0	Total/NA	Solid	6010D	632545
240-213690-3	T2-750-S-0.0	Total/NA	Solid	6010D	632545
240-213690-4	T2-750-S-2.0	Total/NA	Solid	6010D	632545
240-213690-5	T2-750-N-0.0	Total/NA	Solid	6010D	632545
240-213690-6	T2-750-N-2.0	Total/NA	Solid	6010D	632545
240-213690-7	DUP-4-20241024	Total/NA	Solid	6010D	632545
240-213690-8	T2-625-S-0.0	Total/NA	Solid	6010D	632545
240-213690-9	T2-625-S-2.0	Total/NA	Solid	6010D	632545
240-213690-10	T2-625-N-0.0	Total/NA	Solid	6010D	632545
240-213690-11	T2-500-S-0.0	Total/NA	Solid	6010D	632545
240-213690-12	DUP-5-20241024	Total/NA	Solid	6010D	632545
240-213690-13	T2-500-N-0.0	Total/NA	Solid	6010D	632545
MB 240-632545/1-A	Method Blank	Total/NA	Solid	6010D	632545
LCS 240-632545/2-A	Lab Control Sample	Total/NA	Solid	6010D	632545
240-213690-1 MS	T2-875-N-2.0	Total/NA	Solid	6010D	632545
240-213690-1 MSD	T2-875-N-2.0	Total/NA	Solid	6010D	632545

General Chemistry

Leach Batch: 569445

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
240-213690-1	T2-875-N-2.0	ASTM Leach	Solid	D3987-85	
240-213690-2	T2-875-C-1.0	ASTM Leach	Solid	D3987-85	
240-213690-3	T2-750-S-0.0	ASTM Leach	Solid	D3987-85	
240-213690-4	T2-750-S-2.0	ASTM Leach	Solid	D3987-85	
240-213690-5	T2-750-N-0.0	ASTM Leach	Solid	D3987-85	
240-213690-6	T2-750-N-2.0	ASTM Leach	Solid	D3987-85	
240-213690-7	DUP-4-20241024	ASTM Leach	Solid	D3987-85	
240-213690-8	T2-625-S-0.0	ASTM Leach	Solid	D3987-85	
240-213690-9	T2-625-S-2.0	ASTM Leach	Solid	D3987-85	
240-213690-10	T2-625-N-0.0	ASTM Leach	Solid	D3987-85	
240-213690-11	T2-500-S-0.0	ASTM Leach	Solid	D3987-85	
240-213690-12	DUP-5-20241024	ASTM Leach	Solid	D3987-85	
240-213690-13	T2-500-N-0.0	ASTM Leach	Solid	D3987-85	
240-213690-6 MS	T2-750-N-2.0	ASTM Leach	Solid	D3987-85	
240-213690-6 MSD	T2-750-N-2.0	ASTM Leach	Solid	D3987-85	

Analysis Batch: 572293

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
240-213690-1	T2-875-N-2.0	ASTM Leach	Solid	OIA-1677	569445
240-213690-2	T2-875-C-1.0	ASTM Leach	Solid	OIA-1677	569445
240-213690-3	T2-750-S-0.0	ASTM Leach	Solid	OIA-1677	569445

General Chemistry (Continued)

Analysis Batch: 572293 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
240-213690-5	T2-750-N-0.0	ASTM Leach	Solid	OIA-1677	569445
240-213690-6	T2-750-N-2.0	ASTM Leach	Solid	OIA-1677	569445
240-213690-7	DUP-4-20241024	ASTM Leach	Solid	OIA-1677	569445
240-213690-8	T2-625-S-0.0	ASTM Leach	Solid	OIA-1677	569445
240-213690-9	T2-625-S-2.0	ASTM Leach	Solid	OIA-1677	569445
240-213690-10	T2-625-N-0.0	ASTM Leach	Solid	OIA-1677	569445
240-213690-11	T2-500-S-0.0	ASTM Leach	Solid	OIA-1677	569445
240-213690-12	DUP-5-20241024	ASTM Leach	Solid	OIA-1677	569445
MB 410-572293/17	Method Blank	Total/NA	Solid	OIA-1677	
MB 410-572293/33	Method Blank	Total/NA	Solid	OIA-1677	
LCS 410-572293/16	Lab Control Sample	Total/NA	Solid	OIA-1677	
LCS 410-572293/32	Lab Control Sample	Total/NA	Solid	OIA-1677	
240-213690-6 MS	T2-750-N-2.0	ASTM Leach	Solid	OIA-1677	569445
240-213690-6 MSD	T2-750-N-2.0	ASTM Leach	Solid	OIA-1677	569445

Prep Batch: 572298

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
240-213690-1	T2-875-N-2.0	Total/NA	Solid	3060A	
240-213690-2	T2-875-C-1.0	Total/NA	Solid	3060A	
240-213690-3	T2-750-S-0.0	Total/NA	Solid	3060A	
240-213690-4	T2-750-S-2.0	Total/NA	Solid	3060A	
MB 410-572298/1-A	Method Blank	Total/NA	Solid	3060A	
LCS 410-572298/2-A	Lab Control Sample	Total/NA	Solid	3060A	
LCSI 410-572298/3-A	Lab Control Sample	Total/NA	Solid	3060A	

Prep Batch: 572435

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
240-213690-5	T2-750-N-0.0	Total/NA	Solid	3060A	
240-213690-6	T2-750-N-2.0	Total/NA	Solid	3060A	
240-213690-7	DUP-4-20241024	Total/NA	Solid	3060A	
240-213690-8	T2-625-S-0.0	Total/NA	Solid	3060A	
240-213690-9	T2-625-S-2.0	Total/NA	Solid	3060A	
240-213690-10	T2-625-N-0.0	Total/NA	Solid	3060A	
240-213690-11	T2-500-S-0.0	Total/NA	Solid	3060A	
240-213690-12	DUP-5-20241024	Total/NA	Solid	3060A	
240-213690-13	T2-500-N-0.0	Total/NA	Solid	3060A	
MB 410-572435/1-A	Method Blank	Total/NA	Solid	3060A	
LCS 410-572435/2-A	Lab Control Sample	Total/NA	Solid	3060A	
LCSI 410-572435/3-A	Lab Control Sample	Total/NA	Solid	3060A	

Analysis Batch: 572627

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
240-213690-1	T2-875-N-2.0	Total/NA	Solid	7196A	572298
240-213690-2	T2-875-C-1.0	Total/NA	Solid	7196A	572298
240-213690-3	T2-750-S-0.0	Total/NA	Solid	7196A	572298
240-213690-4	T2-750-S-2.0	Total/NA	Solid	7196A	572298
MB 410-572298/1-A	Method Blank	Total/NA	Solid	7196A	572298
LCS 410-572298/2-A	Lab Control Sample	Total/NA	Solid	7196A	572298
LCSI 410-572298/3-A	Lab Control Sample	Total/NA	Solid	7196A	572298

General Chemistry

Analysis Batch: 573196

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
240-213690-5	T2-750-N-0.0	Total/NA	Solid	7196A	572435
240-213690-6	T2-750-N-2.0	Total/NA	Solid	7196A	572435
240-213690-7	DUP-4-20241024	Total/NA	Solid	7196A	572435
240-213690-8	T2-625-S-0.0	Total/NA	Solid	7196A	572435
240-213690-9	T2-625-S-2.0	Total/NA	Solid	7196A	572435
240-213690-10	T2-625-N-0.0	Total/NA	Solid	7196A	572435
240-213690-11	T2-500-S-0.0	Total/NA	Solid	7196A	572435
240-213690-12	DUP-5-20241024	Total/NA	Solid	7196A	572435
240-213690-13	T2-500-N-0.0	Total/NA	Solid	7196A	572435
MB 410-572435/1-A	Method Blank	Total/NA	Solid	7196A	572435
LCS 410-572435/2-A	Lab Control Sample	Total/NA	Solid	7196A	572435
LCSI 410-572435/3-A	Lab Control Sample	Total/NA	Solid	7196A	572435

Analysis Batch: 573369

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
240-213690-4	T2-750-S-2.0	ASTM Leach	Solid	OIA-1677	569445
240-213690-13	T2-500-N-0.0	ASTM Leach	Solid	OIA-1677	569445
MB 410-573369/17	Method Blank	Total/NA	Solid	OIA-1677	
LCS 410-573369/16	Lab Control Sample	Total/NA	Solid	OIA-1677	

Analysis Batch: 632527

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
240-213690-1	T2-875-N-2.0	Total/NA	Solid	Moisture	
240-213690-2	T2-875-C-1.0	Total/NA	Solid	Moisture	
240-213690-3	T2-750-S-0.0	Total/NA	Solid	Moisture	
240-213690-4	T2-750-S-2.0	Total/NA	Solid	Moisture	
240-213690-5	T2-750-N-0.0	Total/NA	Solid	Moisture	
240-213690-6	T2-750-N-2.0	Total/NA	Solid	Moisture	
240-213690-7	DUP-4-20241024	Total/NA	Solid	Moisture	
240-213690-8	T2-625-S-0.0	Total/NA	Solid	Moisture	
240-213690-9	T2-625-S-2.0	Total/NA	Solid	Moisture	
240-213690-10	T2-625-N-0.0	Total/NA	Solid	Moisture	
240-213690-11	T2-500-S-0.0	Total/NA	Solid	Moisture	
240-213690-12	DUP-5-20241024	Total/NA	Solid	Moisture	
240-213690-13	T2-500-N-0.0	Total/NA	Solid	Moisture	
240-213690-2 DU	T2-875-C-1.0	Total/NA	Solid	Moisture	
240-213690-11 DU	T2-500-S-0.0	Total/NA	Solid	Moisture	

Prep Batch: 634014

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
240-213690-1	T2-875-N-2.0	Total/NA	Solid	9012B	
240-213690-2	T2-875-C-1.0	Total/NA	Solid	9012B	
240-213690-3	T2-750-S-0.0	Total/NA	Solid	9012B	
240-213690-4	T2-750-S-2.0	Total/NA	Solid	9012B	
240-213690-5	T2-750-N-0.0	Total/NA	Solid	9012B	
240-213690-6	T2-750-N-2.0	Total/NA	Solid	9012B	
240-213690-7	DUP-4-20241024	Total/NA	Solid	9012B	
240-213690-8	T2-625-S-0.0	Total/NA	Solid	9012B	
240-213690-9	T2-625-S-2.0	Total/NA	Solid	9012B	
240-213690-10	T2-625-N-0.0	Total/NA	Solid	9012B	
240-213690-11	T2-500-S-0.0	Total/NA	Solid	9012B	

General Chemistry (Continued)

Prep Batch: 634014 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
240-213690-12	DUP-5-20241024	Total/NA	Solid	9012B	
240-213690-13	T2-500-N-0.0	Total/NA	Solid	9012B	
MB 240-634014/1-A	Method Blank	Total/NA	Solid	9012B	
LCS 240-634014/2-A	Lab Control Sample	Total/NA	Solid	9012B	

Analysis Batch: 634057

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
240-213690-1	T2-875-N-2.0	Total/NA	Solid	9012B	634014
240-213690-2	T2-875-C-1.0	Total/NA	Solid	9012B	634014
240-213690-3	T2-750-S-0.0	Total/NA	Solid	9012B	634014
240-213690-4	T2-750-S-2.0	Total/NA	Solid	9012B	634014
240-213690-5	T2-750-N-0.0	Total/NA	Solid	9012B	634014
240-213690-6	T2-750-N-2.0	Total/NA	Solid	9012B	634014
240-213690-7	DUP-4-20241024	Total/NA	Solid	9012B	634014
240-213690-8	T2-625-S-0.0	Total/NA	Solid	9012B	634014
240-213690-9	T2-625-S-2.0	Total/NA	Solid	9012B	634014
240-213690-10	T2-625-N-0.0	Total/NA	Solid	9012B	634014
240-213690-11	T2-500-S-0.0	Total/NA	Solid	9012B	634014
240-213690-12	DUP-5-20241024	Total/NA	Solid	9012B	634014
240-213690-13	T2-500-N-0.0	Total/NA	Solid	9012B	634014
MB 240-634014/1-A	Method Blank	Total/NA	Solid	9012B	634014
LCS 240-634014/2-A	Lab Control Sample	Total/NA	Solid	9012B	634014

Lab Chronicle

Client: August Mack Environmental, Inc.
Job ID: 240-213690-1
Project/Site: MSC Canfield - N. Ditch Sampling

Client Sample ID: T2-875-N-2.0
Lab Sample ID: 240-213690-1
Date Collected: 10/24/24 09:15
Matrix: Solid
Date Received: 10/24/24 16:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	Moisture		1	632527	C5SV	EET CLE	10/25/24 12:20
ASTM Leach	Leach	D3987-85			569445	UNWS	ELLE	10/30/24 14:03 - 10/31/24 08:06 [1]
ASTM Leach	Analysis	OIA-1677		1	572293	UJE2	ELLE	11/06/24 12:27

Client Sample ID: T2-875-N-2.0
Lab Sample ID: 240-213690-1
Date Collected: 10/24/24 09:15
Matrix: Solid
Date Received: 10/24/24 16:00
Percent Solids: 77.4

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	3546			632877	NPR	EET CLE	10/29/24 08:10
Total/NA	Analysis	8270E		1	633290	JMG	EET CLE	10/31/24 13:31
Total/NA	Prep	3050B			632545	DEE	EET CLE	10/25/24 15:00
Total/NA	Analysis	6010D		1	633046	KLC	EET CLE	10/29/24 18:17
Total/NA	Prep	7471B			632547	DEE	EET CLE	10/25/24 15:00
Total/NA	Analysis	7471B		1	632782	S4FJ	EET CLE	10/28/24 12:45
Total/NA	Prep	3060A			572298	W2JF	ELLE	11/07/24 08:14
Total/NA	Analysis	7196A		1	572627	UDS7	ELLE	11/07/24 19:09
Total/NA	Prep	9012B			634014	BLW	EET CLE	11/05/24 11:32
Total/NA	Analysis	9012B		1	634057	BLW	EET CLE	11/05/24 14:14

Client Sample ID: T2-875-C-1.0
Lab Sample ID: 240-213690-2
Date Collected: 10/24/24 09:50
Matrix: Solid
Date Received: 10/24/24 16:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	Moisture		1	632527	C5SV	EET CLE	10/25/24 12:20
ASTM Leach	Leach	D3987-85			569445	UNWS	ELLE	10/30/24 14:03 - 10/31/24 08:06 [1]
ASTM Leach	Analysis	OIA-1677		1	572293	UJE2	ELLE	11/06/24 12:20

Client Sample ID: T2-875-C-1.0
Lab Sample ID: 240-213690-2
Date Collected: 10/24/24 09:50
Matrix: Solid
Date Received: 10/24/24 16:00
Percent Solids: 78.5

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	3546			632877	NPR	EET CLE	10/29/24 08:10
Total/NA	Analysis	8270E		1	633290	JMG	EET CLE	10/31/24 14:44
Total/NA	Prep	3050B			632545	DEE	EET CLE	10/25/24 15:00
Total/NA	Analysis	6010D		1	633046	KLC	EET CLE	10/29/24 18:48
Total/NA	Prep	7471B			632547	DEE	EET CLE	10/25/24 15:00
Total/NA	Analysis	7471B		1	632782	S4FJ	EET CLE	10/28/24 12:50
Total/NA	Prep	3060A			572298	W2JF	ELLE	11/07/24 08:14
Total/NA	Analysis	7196A		1	572627	UDS7	ELLE	11/07/24 19:09
Total/NA	Prep	9012B			634014	BLW	EET CLE	11/05/24 11:32
Total/NA	Analysis	9012B		1	634057	BLW	EET CLE	11/05/24 14:16

Client Sample ID: T2-750-S-0.0
Lab Sample ID: 240-213690-3
Date Collected: 10/24/24 10:15
Matrix: Solid
Date Received: 10/24/24 16:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	Moisture		1	632527	C5SV	EET CLE	10/25/24 12:20
ASTM Leach	Leach	D3987-85			569445	UNWS	ELLE	10/30/24 14:03 - 10/31/24 08:06 [1]
ASTM Leach	Analysis	OIA-1677		1	572293	UJE2	ELLE	11/06/24 11:50

Client Sample ID: T2-750-S-0.0
Lab Sample ID: 240-213690-3
Date Collected: 10/24/24 10:15
Matrix: Solid
Date Received: 10/24/24 16:00
Percent Solids: 68.9

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	3546			632877	NPR	EET CLE	10/29/24 08:10
Total/NA	Analysis	8270E		1	633290	JMG	EET CLE	10/31/24 18:23
Total/NA	Prep	3050B			632545	DEE	EET CLE	10/25/24 15:00
Total/NA	Analysis	6010D		1	633046	KLC	EET CLE	10/29/24 18:52
Total/NA	Prep	7471B			632547	DEE	EET CLE	10/25/24 15:00
Total/NA	Analysis	7471B		1	632782	S4FJ	EET CLE	10/28/24 12:52
Total/NA	Prep	3060A			572298	W2JF	ELLE	11/07/24 08:14
Total/NA	Analysis	7196A		1	572627	UDS7	ELLE	11/07/24 19:09
Total/NA	Prep	9012B			634014	BLW	EET CLE	11/05/24 11:32
Total/NA	Analysis	9012B		25	634057	BLW	EET CLE	11/05/24 14:24

Client Sample ID: T2-750-S-2.0
Lab Sample ID: 240-213690-4
Date Collected: 10/24/24 10:25
Matrix: Solid
Date Received: 10/24/24 16:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	Moisture		1	632527	C5SV	EET CLE	10/25/24 12:20
ASTM Leach	Leach	D3987-85			569445	UNWS	ELLE	10/30/24 14:03 - 10/31/24 08:06 [1]
ASTM Leach	Analysis	OIA-1677		1	573369	UJE2	ELLE	11/10/24 15:54

Client Sample ID: T2-750-S-2.0
Lab Sample ID: 240-213690-4
Date Collected: 10/24/24 10:25
Matrix: Solid
Date Received: 10/24/24 16:00
Percent Solids: 81.5

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	3546			632877	NPR	EET CLE	10/29/24 08:10
Total/NA	Analysis	8270E		1	633290	JMG	EET CLE	10/31/24 15:33
Total/NA	Prep	3050B			632545	DEE	EET CLE	10/25/24 15:00
Total/NA	Analysis	6010D		1	633046	KLC	EET CLE	10/29/24 18:57
Total/NA	Prep	7471B			632547	DEE	EET CLE	10/25/24 15:00
Total/NA	Analysis	7471B		1	632782	S4FJ	EET CLE	10/28/24 12:54
Total/NA	Prep	3060A			572298	W2JF	ELLE	11/07/24 08:14
Total/NA	Analysis	7196A		1	572627	UDS7	ELLE	11/07/24 19:09
Total/NA	Prep	9012B			634014	BLW	EET CLE	11/05/24 11:32
Total/NA	Analysis	9012B		1	634057	BLW	EET CLE	11/05/24 14:26

Client Sample ID: T2-750-N-0.0
Lab Sample ID: 240-213690-5
Date Collected: 10/24/24 10:55
Matrix: Solid
Date Received: 10/24/24 16:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	Moisture		1	632527	C5SV	EET CLE	10/25/24 12:20
ASTM Leach	Leach	D3987-85			569445	UNWS	ELLE	10/30/24 14:03 - 10/31/24 08:06 [1]
ASTM Leach	Analysis	OIA-1677		1	572293	UJE2	ELLE	11/06/24 12:22

Client Sample ID: T2-750-N-0.0
Lab Sample ID: 240-213690-5
Date Collected: 10/24/24 10:55
Matrix: Solid
Date Received: 10/24/24 16:00
Percent Solids: 72.9

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	3546			632877	NPR	EET CLE	10/29/24 08:10
Total/NA	Analysis	8270E		2	633290	JMG	EET CLE	10/31/24 19:12
Total/NA	Prep	3050B			632545	DEE	EET CLE	10/25/24 15:00
Total/NA	Analysis	6010D		1	633046	KLC	EET CLE	10/29/24 19:01
Total/NA	Prep	7471B			632547	DEE	EET CLE	10/25/24 15:00
Total/NA	Analysis	7471B		1	632782	S4FJ	EET CLE	10/28/24 12:55
Total/NA	Prep	3060A			572435	W2JF	ELLE	11/07/24 12:04
Total/NA	Analysis	7196A		1	573196	UDS7	ELLE	11/09/24 08:06
Total/NA	Prep	9012B			634014	BLW	EET CLE	11/05/24 11:32
Total/NA	Analysis	9012B		5	634057	BLW	EET CLE	11/05/24 15:11

Client Sample ID: T2-750-N-2.0
Lab Sample ID: 240-213690-6
Date Collected: 10/24/24 11:30
Matrix: Solid
Date Received: 10/24/24 16:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	Moisture		1	632527	C5SV	EET CLE	10/25/24 12:20
ASTM Leach	Leach	D3987-85			569445	UNWS	ELLE	10/30/24 14:03 - 10/31/24 08:06 [1]
ASTM Leach	Analysis	OIA-1677		1	572293	UJE2	ELLE	11/06/24 11:57

Client Sample ID: T2-750-N-2.0
Lab Sample ID: 240-213690-6
Date Collected: 10/24/24 11:30
Matrix: Solid
Date Received: 10/24/24 16:00
Percent Solids: 79.6

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	3546			632877	NPR	EET CLE	10/29/24 08:10
Total/NA	Analysis	8270E		1	633290	JMG	EET CLE	10/31/24 15:57
Total/NA	Prep	3050B			632545	DEE	EET CLE	10/25/24 15:00
Total/NA	Analysis	6010D		1	633046	KLC	EET CLE	10/29/24 19:06
Total/NA	Prep	7471B			632547	DEE	EET CLE	10/25/24 15:00
Total/NA	Analysis	7471B		1	632782	S4FJ	EET CLE	10/28/24 12:57
Total/NA	Prep	3060A			572435	W2JF	ELLE	11/07/24 12:04
Total/NA	Analysis	7196A		1	573196	UDS7	ELLE	11/09/24 08:06
Total/NA	Prep	9012B			634014	BLW	EET CLE	11/05/24 11:32
Total/NA	Analysis	9012B		1	634057	BLW	EET CLE	11/05/24 14:29

Client Sample ID: DUP-4-20241024 — **Lab Sample ID: 240-213690-7**
Date Collected: 10/24/24 00:00 — **Matrix: Solid**
Date Received: 10/24/24 16:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	Moisture		1	632527	C5SV	EET CLE	10/25/24 12:20
ASTM Leach	Leach	D3987-85			569445	UNWS	ELLE	10/30/24 14:03 - 10/31/24 08:06 [1]
ASTM Leach	Analysis	OIA-1677		1	572293	UJE2	ELLE	11/06/24 12:15

Client Sample ID: DUP-4-20241024 — **Lab Sample ID: 240-213690-7**
Date Collected: 10/24/24 00:00 — **Matrix: Solid**
Date Received: 10/24/24 16:00 — **Percent Solids: 71.6**

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	3546			632877	NPR	EET CLE	10/29/24 08:10
Total/NA	Analysis	8270E		1	633290	JMG	EET CLE	10/31/24 18:48
Total/NA	Prep	3050B			632545	DEE	EET CLE	10/25/24 15:00
Total/NA	Analysis	6010D		1	633046	KLC	EET CLE	10/29/24 19:10
Total/NA	Prep	7471B			632547	DEE	EET CLE	10/25/24 15:00
Total/NA	Analysis	7471B		1	632782	S4FJ	EET CLE	10/28/24 12:59
Total/NA	Prep	3060A			572435	W2JF	ELLE	11/07/24 12:04
Total/NA	Analysis	7196A		1	573196	UDS7	ELLE	11/09/24 08:06
Total/NA	Prep	9012B			634014	BLW	EET CLE	11/05/24 11:32
Total/NA	Analysis	9012B		5	634057	BLW	EET CLE	11/05/24 15:15

Client Sample ID: T2-625-S-0.0 — **Lab Sample ID: 240-213690-8**
Date Collected: 10/24/24 12:30 — **Matrix: Solid**
Date Received: 10/24/24 16:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	Moisture		1	632527	C5SV	EET CLE	10/25/24 12:20
ASTM Leach	Leach	D3987-85			569445	UNWS	ELLE	10/30/24 14:03 - 10/31/24 08:06 [1]
ASTM Leach	Analysis	OIA-1677		1	572293	UJE2	ELLE	11/06/24 12:17

Client Sample ID: T2-625-S-0.0 — **Lab Sample ID: 240-213690-8**
Date Collected: 10/24/24 12:30 — **Matrix: Solid**
Date Received: 10/24/24 16:00 — **Percent Solids: 77.1**

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	3546			632877	NPR	EET CLE	10/29/24 08:10
Total/NA	Analysis	8270E		1	633290	JMG	EET CLE	10/31/24 17:10
Total/NA	Prep	3050B			632545	DEE	EET CLE	10/25/24 15:00
Total/NA	Analysis	6010D		1	633046	KLC	EET CLE	10/29/24 19:24
Total/NA	Prep	7471B			632547	DEE	EET CLE	10/25/24 15:00
Total/NA	Analysis	7471B		1	632782	S4FJ	EET CLE	10/28/24 13:00
Total/NA	Prep	3060A			572435	W2JF	ELLE	11/07/24 12:04
Total/NA	Analysis	7196A		1	573196	UDS7	ELLE	11/09/24 08:06
Total/NA	Prep	9012B			634014	BLW	EET CLE	11/05/24 11:32
Total/NA	Analysis	9012B		5	634057	BLW	EET CLE	11/05/24 15:19

Client Sample ID: T2-625-S-2.0 — **Lab Sample ID: 240-213690-9**
Date Collected: 10/24/24 12:45 — **Matrix: Solid**
Date Received: 10/24/24 16:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	Moisture		1	632527	C5SV	EET CLE	10/25/24 12:20
ASTM Leach	Leach	D3987-85			569445	UNWS	ELLE	10/30/24 14:03 - 10/31/24 08:06 [1]
ASTM Leach	Analysis	OIA-1677		1	572293	UJE2	ELLE	11/06/24 12:05

Client Sample ID: T2-625-S-2.0 — **Lab Sample ID: 240-213690-9**
Date Collected: 10/24/24 12:45 — **Matrix: Solid**
Date Received: 10/24/24 16:00 — **Percent Solids: 81.4**

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	3546			632877	NPR	EET CLE	10/29/24 08:10
Total/NA	Analysis	8270E		1	633290	JMG	EET CLE	10/31/24 15:08
Total/NA	Prep	3050B			632545	DEE	EET CLE	10/25/24 15:00
Total/NA	Analysis	6010D		1	633046	KLC	EET CLE	10/29/24 19:28
Total/NA	Prep	7471B			632547	DEE	EET CLE	10/25/24 15:00
Total/NA	Analysis	7471B		1	632782	S4FJ	EET CLE	10/28/24 13:06
Total/NA	Prep	3060A			572435	W2JF	ELLE	11/07/24 12:04
Total/NA	Analysis	7196A		1	573196	UDS7	ELLE	11/09/24 08:06
Total/NA	Prep	9012B			634014	BLW	EET CLE	11/05/24 11:32
Total/NA	Analysis	9012B		5	634057	BLW	EET CLE	11/05/24 15:24

Client Sample ID: T2-625-N-0.0 — **Lab Sample ID: 240-213690-10**
Date Collected: 10/24/24 13:15 — **Matrix: Solid**
Date Received: 10/24/24 16:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	Moisture		1	632527	C5SV	EET CLE	10/25/24 12:20
ASTM Leach	Leach	D3987-85			569445	UNWS	ELLE	10/30/24 14:03 - 10/31/24 08:06 [1]
ASTM Leach	Analysis	OIA-1677		1	572293	UJE2	ELLE	11/06/24 12:25

Client Sample ID: T2-625-N-0.0 — **Lab Sample ID: 240-213690-10**
Date Collected: 10/24/24 13:15 — **Matrix: Solid**
Date Received: 10/24/24 16:00 — **Percent Solids: 71.7**

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	3546			632877	NPR	EET CLE	10/29/24 08:10
Total/NA	Analysis	8270E		1	633290	JMG	EET CLE	10/31/24 16:21
Total/NA	Prep	3050B			632545	DEE	EET CLE	10/25/24 15:00
Total/NA	Analysis	6010D		1	633046	KLC	EET CLE	10/29/24 19:33
Total/NA	Prep	7471B			632547	DEE	EET CLE	10/25/24 15:00
Total/NA	Analysis	7471B		1	632782	S4FJ	EET CLE	10/28/24 13:07
Total/NA	Prep	3060A			572435	W2JF	ELLE	11/07/24 12:04
Total/NA	Analysis	7196A		1	573196	UDS7	ELLE	11/09/24 08:06
Total/NA	Prep	9012B			634014	BLW	EET CLE	11/05/24 11:32
Total/NA	Analysis	9012B		1	634057	BLW	EET CLE	11/05/24 14:36

Client Sample ID: T2-500-S-0.0
Lab Sample ID: 240-213690-11
Date Collected: 10/24/24 13:45
Matrix: Solid
Date Received: 10/24/24 16:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	Moisture		1	632527	C5SV	EET CLE	10/25/24 12:20
ASTM Leach	Leach	D3987-85			569445	UNWS	ELLE	10/30/24 14:03 - 10/31/24 08:06 [1]
ASTM Leach	Analysis	OIA-1677		1	572293	UJE2	ELLE	11/06/24 11:47

Client Sample ID: T2-500-S-0.0
Lab Sample ID: 240-213690-11
Date Collected: 10/24/24 13:45
Matrix: Solid
Date Received: 10/24/24 16:00
Percent Solids: 75.6

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	3546			632877	NPR	EET CLE	10/29/24 08:10
Total/NA	Analysis	8270E		1	633290	JMG	EET CLE	10/31/24 17:35
Total/NA	Prep	3050B			632545	DEE	EET CLE	10/25/24 15:00
Total/NA	Analysis	6010D		1	633046	KLC	EET CLE	10/29/24 19:37
Total/NA	Prep	7471B			632547	DEE	EET CLE	10/25/24 15:00
Total/NA	Analysis	7471B		1	632782	S4FJ	EET CLE	10/28/24 13:09
Total/NA	Prep	3060A			572435	W2JF	ELLE	11/07/24 12:04
Total/NA	Analysis	7196A		1	573196	UDS7	ELLE	11/09/24 08:06
Total/NA	Prep	9012B			634014	BLW	EET CLE	11/05/24 11:32
Total/NA	Analysis	9012B		5	634057	BLW	EET CLE	11/05/24 15:28

Client Sample ID: DUP-5-20241024
Lab Sample ID: 240-213690-12
Date Collected: 10/24/24 00:00
Matrix: Solid
Date Received: 10/24/24 16:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	Moisture		1	632527	C5SV	EET CLE	10/25/24 12:20
ASTM Leach	Leach	D3987-85			569445	UNWS	ELLE	10/30/24 14:03 - 10/31/24 08:06 [1]
ASTM Leach	Analysis	OIA-1677		1	572293	UJE2	ELLE	11/06/24 12:12

Client Sample ID: DUP-5-20241024
Lab Sample ID: 240-213690-12
Date Collected: 10/24/24 00:00
Matrix: Solid
Date Received: 10/24/24 16:00
Percent Solids: 76.5

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	3546			632877	NPR	EET CLE	10/29/24 08:10
Total/NA	Analysis	8270E		1	633290	JMG	EET CLE	10/31/24 17:59
Total/NA	Prep	3050B			632545	DEE	EET CLE	10/25/24 15:00
Total/NA	Analysis	6010D		1	633046	KLC	EET CLE	10/29/24 19:42
Total/NA	Prep	7471B			632547	DEE	EET CLE	10/25/24 15:00
Total/NA	Analysis	7471B		1	632782	S4FJ	EET CLE	10/28/24 13:11
Total/NA	Prep	3060A			572435	W2JF	ELLE	11/07/24 12:04
Total/NA	Analysis	7196A		1	573196	UDS7	ELLE	11/09/24 08:06
Total/NA	Prep	9012B			634014	BLW	EET CLE	11/05/24 11:32
Total/NA	Analysis	9012B		5	634057	BLW	EET CLE	11/05/24 15:33

Lab Chronicle

Client: August Mack Environmental, Inc.
Job ID: 240-213690-1
Project/Site: MSC Canfield - N. Ditch Sampling

Client Sample ID: T2-500-N-0.0
Lab Sample ID: 240-213690-13
Date Collected: 10/24/24 14:00
Matrix: Solid
Date Received: 10/24/24 16:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	Moisture		1	632527	C5SV	EET CLE	10/25/24 12:20
ASTM Leach	Leach	D3987-85			569445	UNWS	ELLE	10/30/24 14:03 - 10/31/24 08:06 [1]
ASTM Leach	Analysis	OIA-1677		1	573369	UJE2	ELLE	11/10/24 15:59

Client Sample ID: T2-500-N-0.0
Lab Sample ID: 240-213690-13
Date Collected: 10/24/24 14:00
Matrix: Solid
Date Received: 10/24/24 16:00
Percent Solids: 76.6

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	3546			632877	NPR	EET CLE	10/29/24 08:10
Total/NA	Analysis	8270E		1	633290	JMG	EET CLE	10/31/24 16:46
Total/NA	Prep	3050B			632545	DEE	EET CLE	10/25/24 15:00
Total/NA	Analysis	6010D		1	633046	KLC	EET CLE	10/29/24 19:46
Total/NA	Prep	7471B			632547	DEE	EET CLE	10/25/24 15:00
Total/NA	Analysis	7471B		1	632782	S4FJ	EET CLE	10/28/24 13:12
Total/NA	Prep	3060A			572435	W2JF	ELLE	11/07/24 12:04
Total/NA	Analysis	7196A		1	573196	UDS7	ELLE	11/09/24 08:06
Total/NA	Prep	9012B			634014	BLW	EET CLE	11/05/24 11:32
Total/NA	Analysis	9012B		5	634057	BLW	EET CLE	11/05/24 15:37

Client Sample ID: TB-8-20241024
Lab Sample ID: 240-213690-14
Date Collected: 10/24/24 14:25
Matrix: Water
Date Received: 10/24/24 16:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260D		1	633658	HMB	EET CLE	11/02/24 15:48

Client Sample ID: TB-9-20241024
Lab Sample ID: 240-213690-15
Date Collected: 10/24/24 14:30
Matrix: Water
Date Received: 10/24/24 16:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260D		1	633658	HMB	EET CLE	11/02/24 16:13

[1] This procedure uses a method stipulated length of time for the process. Both start and end times are displayed.

Laboratory References:

EET CLE = Eurofins Cleveland, 180 S. Van Buren Avenue, Barberton, OH 44203, TEL (330)497-9396

ELLE = Eurofins Lancaster Laboratories Environment Testing, LLC, 2425 New Holland Pike, Lancaster, PA 17601, TEL (717)656-2300

Accreditation/Certification Summary

Client: August Mack Environmental, Inc. Job ID: 240-213690-1
Project/Site: MSC Canfield - N. Ditch Sampling

Laboratory: Eurofins Cleveland

All accreditations/certifications held by this laboratory are listed. Not all accreditations/certifications are applicable to this report.

Authority	Program	Identification Number	Expiration Date
California	State	2927	02-28-25
Connecticut	State	PH-0806	12-31-26
Georgia	State	4062	02-27-25
Illinois	NELAP	200004	08-31-25
Iowa	State	421	06-01-25
Kentucky (UST)	State	112225	02-27-25
Kentucky (WW)	State	KY98016	12-30-24
Minnesota	NELAP	039-999-348	12-31-24
New Hampshire	NELAP	225024	09-30-25
New Jersey	NELAP	OH001	07-03-25
New York	NELAP	10975	04-02-25
Ohio VAP	State	ORELAP 4062	02-27-25
Oregon	NELAP	4062	02-27-25
Pennsylvania	NELAP	68-00340	08-31-25
Texas	NELAP	T104704517-22-19	08-31-25
USDA	US Federal Programs	P330-18-00281	01-05-27
Virginia	NELAP	460175	09-14-25
West Virginia DEP	State	210	12-31-24

Laboratory: Eurofins Lancaster Laboratories Environment Testing, LLC

All accreditations/certifications held by this laboratory are listed. Not all accreditations/certifications are applicable to this report.

Authority	Program	Identification Number	Expiration Date
A2LA	Dept. of Defense ELAP	0001.01	11-30-26
A2LA	ISO/IEC 17025	0001.01	11-30-26
Alabama	State	43200	01-31-25
Alaska	State	PA00009	06-30-25
Alaska (UST)	State	17-027	02-28-25
Arizona	State	AZ0780	03-12-25
Arkansas DEQ	State	88-00660	08-09-25
California	State	2792	11-30-24
Colorado	State	PA00009	06-30-25
Connecticut	State	PH-0746	06-30-25
DE Haz. Subst. Cleanup Act (HSCA)	State	019-006 (PA cert)	01-31-25
Delaware (DW)	State	N/A	01-31-25
Florida	NELAP	E87997	06-30-25
Georgia (DW)	State	C048	01-31-25
Hawaii	State	N/A	01-31-25
Illinois	NELAP	200027	01-31-25
Iowa	State	361	03-01-26
Kansas	NELAP	E-10151	10-31-25
Kentucky (DW)	State	KY90088	12-31-24
Kentucky (UST)	State	0001.01	11-30-26
Kentucky (WW)	State	KY90088	12-31-24
Louisiana (All)	NELAP	02055	06-30-25
Maine	State	2019012	03-12-25
Maryland	State	100	06-30-25
Massachusetts	State	M-PA009	06-30-25
Michigan	State	9930	01-31-25
Minnesota	NELAP	042-999-487	12-31-24

Accreditation/Certification Summary

Client: August Mack Environmental, Inc. Job ID: 240-213690-1
Project/Site: MSC Canfield - N. Ditch Sampling

Laboratory: Eurofins Lancaster Laboratories Environment Testing, LLC (Continued)

All accreditations/certifications held by this laboratory are listed. Not all accreditations/certifications are applicable to this report.

Authority	Program	Identification Number	Expiration Date
Mississippi	State	023	01-31-25
Missouri	State	450	01-31-25
Montana (DW)	State	0098	01-01-25
Nebraska	State	NE-OS-32-17	01-31-25
New Hampshire	NELAP	2730	01-10-25
New Jersey	NELAP	PA011	06-30-25
New York	NELAP	10670	04-01-25
North Carolina (DW)	State	42705	07-31-25
North Carolina (WW/SW)	State	521	12-31-25
North Dakota	State	R-205	01-31-24 *
Oklahoma	NELAP	9804	08-31-24 *
Oregon	NELAP	PA200001	09-11-25
Pennsylvania	NELAP	36-00037	01-31-25
Quebec Ministry of Environment and Fight against Climate Change	PALA	507	09-16-29
Rhode Island	State	LAO00338	12-30-24
South Carolina	State	89002	01-31-25
Tennessee	State	02838	01-31-25
Texas	NELAP	T104704194-23-46	08-31-25
USDA	US Federal Programs	525-22-298-19481	10-25-25
Vermont	State	VT - 36037	10-28-25
Virginia	NELAP	460182	06-14-25
Washington	State	C457	04-11-25
West Virginia (DW)	State	9906 C	01-31-25
West Virginia DEP	State	055	07-31-25
Wyoming	State	8TMS-L	01-31-25
Wyoming (UST)	A2LA	0001.01	11-30-26

* Accreditation/Certification renewal pending - accreditation/certification considered valid.

Eurofins Cleveland
180 S. Van Buren Avenue
Barberton, OH 44203
Phone (330) 497-9396 Phone (330) 497-0772

Chain of Custody Record

eurofins | Environment Testing

Client Information	Sampler: Elisabeth Webber	Lab PM: Kalis, Nicole A	Carrier Tracking No(s):	COC No: 240-124901-43556.4
Client Contact: Kain Lager-Lowe	Phone:	E-Mail: Nicole.Kalis@et.eurofinsus.com	State of Origin: OH	Page: ~~Page 1 of 12~~ 1
Company: August Mack Environmental, Inc.	PWSID:			Job #: J Y2380.381
Address: 7830 North Central Drive, Suite B	Due Date Requested:			
City: Lewis Center	TAT Requested (days): Standard TAT			
State, Zip: OH, 43035	Compliance Project: Δ Yes Δ No			
Phone: 740-548-1515(Tel)	PO #:			
Email: klagerlowe@augustmack.com	WO #:			
Project Name: MSC Canfield ~~Soil/Surface Water~~ N Ditch Sampling	Project #: DO NOT DELETE - 24033889			
Site:	SSOW#:			

Analysis Requested

Preservation Codes:
N - None
A - HCL
B - NaOH
D - HNO3

Other:

Sample Identification	Sample Date	Sample Time	Sample Type (C=Comp, G=grab)	Matrix (W=water, S=solid, O=waste/oil, BT=Tissue, A=Air)	Field Filtered Sample (Yes or No)	Perform MS/MSD (Yes or No)	8260D - VOCs	8270E - SVOCs - PAH ONLY	8082A - PCBs	6010D, 7471B - RCRA 8, Cu & Zn	9012B - Total Cyanide	7196A - Hexavalent Chromium	1677 - Free Cyanide						Total Number of containers	Special Instructions/Note:
Preservation Code:							N	N	N	N	N	N	N							
T2-875-N-2.0	10-24-24	0915	G	Solid	N			X		X	X	X	X						5	
T2-875-C-1.0	10-24-24	0950	G	Solid	N			X		X	X	X	X						5	
T2-750-S-0.0	10-24-24	1015	G	Solid	N			X		X	X	X	X						5	
T2-750-S-2.0	10-24-24	1025	G	Solid	N			X		X	X	X	X						5	
T2-750-N-0.0	10-24-24	1055	G	Solid	N			X		X	X	X	X						5	
T2-750-N-2.0	10-24-24	1130	G	Solid	N			X		X	X	X	X						5	
DUP-4-20241024	10-24-24	—	G	Solid	N			X		X	X	X	X						5	
T2-625-S-0.0	10-24-24	1230	G	Solid	N			X		X	X	X	X						5	
T2-625-S-2.0	10-24-24	1245	G	Solid	N			X		X	X	X	X						5	
T2-625-N-0.0	10-24-24	1315	G	Solid	N			X		X	X	X	X						5	
T2-500-S-0.0	10-24-24	1345	G	Solid	N			X		X	X	X	X						5	

240-213690 COC

Possible Hazard Identification
☐ Non-Hazard ☐ Flammable ☐ Skin Irritant ☐ Poison B ☐ Unknown ☐ Radiological

Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)
☐ Return To Client ☐ Disposal By Lab ☐ Archive For _____ Months

Deliverable Requested: I, II, III, IV, Other (specify)

Special Instructions/QC Requirements:

Empty Kit Relinquished by:	Date:	Time:	Method of Shipment:

	Relinquished by	Date/Time	Company	Received by	Date/Time	Company
1	Elisabeth Webber	10-24-24 / 1446	AME		10/24/24 1446	EUR
2		10-24-24 / 1600	EUR	JMOROSKO	10/24/24 1610	EETM
3		Date/Time:	Company	Received by:	Date/Time: JM 10-25	Company

Custody Seals Intact: Δ Yes Δ No | Custody Seal No.: | Cooler Temperature(s) °C and Other Remarks:

Eurofins Cleveland
180 S. Van Buren Avenue
Barberton, OH 44203
Phone (330) 497-9396 Phone (330) 497-0772

Chain of Custody Record

eurofins | Environment Testing

Client Information	Sampler: Elisabeth Webber	Lab PM: Kalis, Nicole A	Carrier Tracking No(s):	COC No: 240-124901-43556.4
Client Contact: Kain Lager-Lowe	Phone:	E-Mail: Nicole.Kalis@et.eurofinsus.com	State of Origin: OH	Page: ~~Page 4 of 12~~ 2 of 2
Company: August Mack Environmental, Inc.	PWSID:			Job #: 5Y2380-381
Address: 7830 North Central Drive, Suite B	Due Date Requested:			
City: Lewis Center	TAT Requested (days): Standard TAT			
State, Zip: OH, 43035	Compliance Project: Δ Yes Δ No			
Phone: 740-548-1515(Tel)	PO #:			
Email: klagerlowe@augustmack.com	WO #:			
Project Name: MSC Canfield ~~Soil/Surface Water~~ N Ditch Sampling	Project #: DO NOT DELETE - 24033889			
Site:	SSOW#:			

Analysis Requested

Preservation Codes:
N - None
A - HCL
B - NaOH
D - HNO3

Other:

Sample Identification	Sample Date	Sample Time	Sample Type (C=Comp, G=grab)	Matrix (W=water, S=solid, O=waste/oil, BT=Tissue, A=Air)	Field Filtered Sample (Yes or No)	Perform MS/MSD (Yes or No)	8260D - VOCs	8270E - SVOCs - PAH ONLY	8082A - PCBs	6010D, 7471B - RCRA 8, Cu & Zn	9012B - Total Cyanide	7196A - Hexavalent Chromium	1677 - Free Cyanide							Total Number of containers	Special Instructions/Note:
			Preservation Code:				N	N	N	N	N	N	N								
DUP-5-20241024	10-24-24	—	G	Solid	N			X		X	X	X	X							5	
T2-500-N-0.0	10-24-24	1400	G	Solid	N			X		X	X	X	X							5	
~~TB-8-20241024~~	~~10-24-24~~	~~1425~~	~~G~~	~~Solid~~	~~N~~			X		X	X	X	X							1	EW 10-24-24
~~TB-9-20241024~~	~~10-24-24~~	~~1430~~	~~G~~	~~Solid~~	~~N~~			X		X	X	X	X							1	
TB-8-20241024	10-24-24	1425	G	W ~~Solid~~	N		X													1	
TB-9-20241024	10-24-24	1430	G	W ~~Solid~~	N		X													1	
				Solid																	
				Solid																	
				Solid																	
				Solid																	
				Solid																	

Possible Hazard Identification
☐ Non-Hazard ☐ Flammable ☐ Skin Irritant ☐ Poison B ☐ Unknown ☐ Radiological

Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)
☐ Return To Client ☐ Disposal By Lab ☐ Archive For _____ Months

Deliverable Requested: I, II, III, IV, Other (specify)

Special Instructions/QC Requirements:

Empty Kit Relinquished by:	Date:	Time:	Method of Shipment:

	Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company
1	Elisabeth Webber	10-24-24 / 1446	AME		10/24/24 1446	EUR
2		10-24-24 / 1600	EUR	JMOROSKO	10/24/24 1600	EETN
3						

Custody Seals Intact: Δ Yes Δ No	Custody Seal No.:	Cooler Temperature(s) °C and Other Remarks:

Eurofins – Cleveland Sample Receipt Form/Narrative **Login # :** _____
Barberton Facility

Client AUGUST MACK Site Name _____ Cooler unpacked by: JMOROSKO

Cooler Received on 10/24/24 Opened on 10/24/24

FedEx. 1st Grd Exp UPS FAS Waypoint Client Drop Off Eurofins Courier Other _____

Receipt After-hours Drop-off Date/Time _____ Storage Location _____

Eurofins Cooler # EC Foam Box Client Cooler Box Other _____

Packing material used. Bubble Wrap Foam Plastic Bag None Other _____

COOLANT: Wet Ice Blue Ice Dry Ice Water None

1 Cooler temperature upon receipt ☒ See Multiple Cooler Form

IR GUN # 24 (CF +0.0 °C) Observed Cooler Temp. _____ °C Corrected Cooler Temp _____ °C

2. Were tamper/custody seals on the outside of the cooler(s)? If Yes Quantity _____	Yes (No)	**Tests that are not checked for pH by Receiving:**
-Were the seals on the outside of the cooler(s) signed & dated?	Yes No (NA)	
-Were tamper/custody seals on the bottle(s) or bottle kits (LLHg/MeHg)?	Yes (No)	**VOAs**
-Were tamper/custody seals intact and uncompromised?	Yes No (NA)	**Oil and Grease**
3 Shippers' packing slip attached to the cooler(s)?	Yes (No)	**TOC**
4. Did custody papers accompany the sample(s)?	(Yes) No	
5 Were the custody papers relinquished & signed in the appropriate place?	(Yes) No	
6. Was/were the person(s) who collected the samples clearly identified on the COC?	(Yes) No	
7 Did all bottles arrive in good condition (Unbroken)?	(Yes) No	
8 Could all bottle labels (ID/Date/Time) be reconciled with the COC?	(Yes) No	
9 For each sample, does the COC specify preservatives (Y/N), # of containers (Y/N), and sample type of grab/comp (Y/N)?		
10 Were correct bottle(s) used for the test(s) indicated?	(Yes) No	
11 Sufficient quantity received to perform indicated analyses?	(Yes) No	
12. Are these work share samples and all listed on the COC?	Yes (No)	
If yes, Questions 13-17 have been checked at the originating laboratory		
13 Were all preserved sample(s) at the correct pH upon receipt?	Yes No (NA)	pH Strip Lot# HC447997
14 Were VOAs on the COC?	Yes (No)	
15 Were air bubbles >6 mm in any VOA vials? ● ⬅ Larger than this.	Yes (No) NA	
16 Was a VOA trip blank present in the cooler(s)? Trip Blank Lot # 0115501J	(Yes) No	
17 Was a LL Hg or Me Hg trip blank present? _____	Yes (No)	

Contacted PM _____ Date _____ by _____ via Verbal Voice Mail Other

Concerning _____

18. CHAIN OF CUSTODY & SAMPLE DISCREPANCIES ☐ additional next page | Samples processed by:

_____

_____

_____

_____

19 SAMPLE CONDITION

Sample(s) _____ were received after the recommended holding time had expired.

Sample(s) _____ were received in a broken container

Sample(s) _____ were received with bubble >6 mm in diameter (Notify PM)

20. SAMPLE PRESERVATION

Sample(s) _____ were further preserved in the laboratory

Time preserved: _____ Preservative(s) added/Lot number(s). _____

VOA Sample Preservation - Date/Time VOAs Frozen. _____

Login # : _____

Eurofins - Cleveland Sample Receipt Multiple Cooler Form

Cooler Description (Circle)	IR Gun # (Circle)	Observed Temp °C	Corrected Temp °C	Coolant (Circle)
(EC) Client Box Other	IR GUN #: 24	3.0	3.0	(Wet Ice) Blue Ice Dry Ice Water None
(EC) Client Box Other	IR GUN #: 24	4.2	4.2	(Wet Ice) Blue Ice Dry Ice Water None
EC Client Box Other	IR GUN #: _____			Wet Ice

10/25/2024

Login Container Summary Report

240-213690

11/11/2024

Temperature readings _____

Client Sample ID	Lab ID	Container Type	Container pH	Container Temp	Preservation Added	Preservation Lot Number
T2-875-N-2 0	240-213690-A-1	SnapCap 1/2 ounce unpreserved				
T2-875-N-2 0	240-213690-B-1	Soil jar 4oz - clear glass				
T2-875-N-2.0	240-213690-C-1	Soil jar 4oz - clear glass				
T2-875-N-2 0	240-213690-D-1	Soil jar 4oz - clear glass				
T2-875-N-2 0	240-213690-E-1	Soil jar 4oz - clear glass				
T2-875-N-2 0	240-213690-F-1	Soil jar 4oz - clear glass				
T2-875-C-1 0	240-213690-A-2	SnapCap 1/2 ounce unpreserved				
T2-875-C-1 0	240-213690-B-2	Soil jar 4oz - clear glass				
T2-875-C-1 0	240-213690-C-2	Soil jar 4oz - clear glass				
T2-875-C-1 0	240-213690-D-2	Soil jar 4oz - clear glass				
T2-875-C-1 0	240-213690-E-2	Soil jar 4oz - clear glass				
T2-875-C-1 0	240-213690-F-2	Soil jar 4oz - clear glass				
T2-750-S-0 0	240-213690-A-3	SnapCap 1/2 ounce unpreserved				
T2-750-S-0 0	240-213690-B-3	Soil jar 4oz - clear glass				
T2-750-S-0 0	240-213690-C-3	Soil jar 4oz - clear glass				
T2-750-S-0 0	240-213690-D-3	Soil jar 4oz - clear glass				
T2-750-S-0 0	240-213690-E-3	Soil jar 4oz - clear glass				
T2-750-S-0 0	240-213690-F-3	Soil jar 4oz - clear glass				
T2-750-S-2 0	240-213690-A-4	SnapCap 1/2 ounce unpreserved				
T2-750-S-2 0	240-213690-B-4	Soil jar 4oz - clear glass				
T2-750-S-2 0	240-213690-C-4	Soil jar 4oz - clear glass				
T2-750-S-2 0	240-213690-D-4	Soil jar 4oz - clear glass				
T2-750-S-2 0	240-213690-E-4	Soil jar 4oz - clear glass				
T2-750-S-2 0	240-213690-F-4	Soil jar 4oz - clear glass				
T2-750-N-0 0	240-213690-A-5	SnapCap 1/2 ounce unpreserved				
T2-750-N-0 0	240-213690-B-5	Soil jar 4oz - clear glass				
T2-750-N-0 0	240-213690-C-5	Soil jar 4oz - clear glass				
T2-750-N-0 0	240-213690-D-5	Soil jar 4oz - clear glass				
T2-750-N-0 0	240-213690-E-5	Soil jar 4oz - clear glass				
T2-750-N-0 0	240-213690-F-5	Soil jar 4oz - clear glass				
T2-750-N-2 0	240-213690-A-6	SnapCap 1/2 ounce unpreserved				
T2-750-N-2 0	240-213690-B-6	Soil jar 4oz - clear glass				
T2-750-N-2 0	240-213690-C-6	Soil jar 4oz - clear glass				
T2-750-N-2 0	240-213690-D-6	Soil jar 4oz - clear glass				
T2-750-N-2 0	240-213690-E-6	Soil jar 4oz - clear glass				

Client Sample ID	Lab ID	Container Type	Container pH	Container Temp	Preservation Added	Preservation Lot Number
T2-750-N-2 0	240-213690-F-6	Soil jar 4oz - clear glass				
DUP-4-20241024	240-213690-A-7	SnapCap 1/2 ounce unpreserved				
DUP-4-20241024	240-213690-B-7	Soil jar 4oz - clear glass				
DUP-4-20241024	240-213690-C-7	Soil jar 4oz - clear glass				
DUP-4-20241024	240-213690-D-7	Soil jar 4oz - clear glass				
DUP-4-20241024	240-213690-E-7	Soil jar 4oz - clear glass				
DUP-4-20241024	240-213690-F-7	Soil jar 4oz - clear glass				
T2-625-S-0 0	240-213690-A-8	SnapCap 1/2 ounce unpreserved				
T2-625-S-0 0	240-213690-B-8	Soil jar 4oz - clear glass				
T2-625-S-0 0	240-213690-C-8	Soil jar 4oz - clear glass				
T2-625-S-0 0	240-213690-D-8	Soil jar 4oz - clear glass				
T2-625-S-0 0	240-213690-E-8	Soil jar 4oz - clear glass				
T2-625-S-0 0	240-213690-F-8	Soil jar 4oz - clear glass				
T2-625-S-2.0	240-213690-A-9	SnapCap 1/2 ounce unpreserved				
T2-625-S-2 0	240-213690-B-9	Soil jar 4oz - clear glass				
T2-625-S-2 0	240-213690-C-9	Soil jar 4oz - clear glass				
T2-625-S-2 0	240-213690-D-9	Soil jar 4oz - clear glass				
T2-625-S-2.0	240-213690-E-9	Soil jar 4oz - clear glass				
T2-625-S-2.0	240-213690-F-9	Soil jar 4oz - clear glass				
T2-625-N-0 0	240-213690-A-10	SnapCap 1/2 ounce unpreserved				
T2-625-N-0 0	240-213690-B-10	Soil jar 4oz - clear glass				
T2-625-N-0 0	240-213690-C-10	Soil jar 4oz - clear glass				
T2-625-N-0 0	240-213690-D-10	Soil jar 4oz - clear glass				
T2-625-N-0 0	240-213690-E-10	Soil jar 4oz - clear glass				
T2-625-N-0 0	240-213690-F-10	Soil jar 4oz - clear glass				
T2-500-S-0 0	240-213690-A-11	SnapCap 1/2 ounce unpreserved				
T2-500-S-0 0	240-213690-B-11	Soil jar 4oz - clear glass				
T2-500-S-0 0	240-213690-C-11	Soil jar 4oz - clear glass				
T2-500-S-0.0	240-213690-D-11	Soil jar 4oz - clear glass				
T2-500-S-0 0	240-213690-E-11	Soil jar 4oz - clear glass				
T2-500-S-0 0	240-213690-F-11	Soil jar 4oz - clear glass				
DUP-5-20241024	240-213690-A-12	SnapCap 1/2 ounce unpreserved				
DUP-5-20241024	240-213690-B-12	Soil jar 4oz - clear glass				
DUP-5-20241024	240-213690-C-12	Soil jar 4oz - clear glass				
DUP-5-20241024	240-213690-D-12	Soil jar 4oz - clear glass				
DUP-5-20241024	240-213690-E-12	Soil jar 4oz - clear glass				
DUP-5-20241024	240-213690-F-12	Soil jar 4oz - clear glass				
T2-500-N-0 0	240-213690-A-13	SnapCap 1/2 ounce unpreserved				

11/11/2024

Client Sample ID	Lab ID	Container Type	Container pH	Container Temp	Preservation Added	Preservation Lot Number
T2-500-N-0 0	240-213690-B-13	Soil jar 4oz - clear glass				
T2-500-N-0 0	240-213690-C-13	Soil jar 4oz - clear glass				
T2-500-N-0 0	240-213690-D-13	Soil jar 4oz - clear glass				
T2-500-N-0 0	240-213690-E-13	Soil jar 4oz - clear glass				
T2-500-N-0 0	240-213690-F-13	Soil jar 4oz - clear glass				
TB-8-20241024	240-213690-A-14	Voa Vial 40ml - Hydrochloric Acid				
TB-9-20241024	240-213690-A-15	Voa Vial 40ml - Hydrochloric Acid				

Eurofins Cleveland
180 S. Van Buren Avenue
Barberton, OH 44203
Phone: 330-497-9396 Fax: 330-497-0772

Chain of Custody Record

eurofins | Environment Testing

Client Information (Sub Contract Lab)	Sampler: N/A	Lab PM: Kalis, Nicole A	Carrier Tracking No(s): N/A	COC No: 240-192770.1
Client Contact: Shipping/Receiving	Phone: N/A	E-Mail: Nicole.Kalis@et.eurofinsus.com	State of Origin: Ohio	Page: Page 1 of 2
Company: Eurofins Lancaster Laboratories Environm		Accreditations Required (See note): N/A		Job #: 240-213690-1
Address: 2425 New Holland Pike, ,	Due Date Requested: 11/6/2024			Preservation Codes: -
City: Lancaster	TAT Requested (days): N/A			
State, Zip: PA, 17601				
Phone: 717-656-2300(Tel)	PO #: N/A			
Email: N/A	WO #: N/A			
Project Name: MSC Canfield - N. Ditch Sampling	Project #: 24033889			
Site: N/A	SSOW#: N/A			Other: N/A

Sample Identification - Client ID (Lab ID)	Sample Date	Sample Time	Sample Type (C=comp, G=grab)	Matrix (W=water, S=solid, O=waste/oil, BT=Tissue, A=Air)	Field Filtered Sample (Yes or No)	Perform MS/MSD (Yes or No)	1677_Free/ASTM_LEACH_NP Cyanide, Free	7196A/3060A Chromium, Hexavalent	Total Number of containers	Special Instructions/Note:
			Preservation Code:							
T2-875-N-2.0 (240-213690-1)	10/24/24	09:15 Eastern	G	Solid			X	X	2	Use caution! Site contaminated with solvent waste
T2-875-C-1.0 (240-213690-2)	10/24/24	09:50 Eastern	G	Solid			X	X	2	Use caution! Site contaminated with solvent waste
T2-750-S-0.0 (240-213690-3)	10/24/24	10:15 Eastern	G	Solid			X	X	2	Use caution! Site contaminated with solvent waste
T2-750-S-2.0 (240-213690-4)	10/24/24	10:25 Eastern	G	Solid			X	X	2	Use caution! Site contaminated with solvent waste
T2-750-N-0.0 (240-213690-5)	10/24/24	10:55 Eastern	G	Solid			X	X	2	Use caution! Site contaminated with solvent waste
T2-750-N-2.0 (240-213690-6)	10/24/24	11:30 Eastern	G	Solid			X	X	2	Use caution! Site contaminated with solvent waste
DUP-4-20241024 (240-213690-7)	10/24/24	Eastern	G	Solid			X	X	2	Use caution! Site contaminated with solvent waste
T2-625-S-0.0 (240-213690-8)	10/24/24	12:30 Eastern	G	Solid			X	X	2	Use caution! Site contaminated with solvent waste
T2-625-S-2.0 (240-213690-9)	10/24/24	12:45 Eastern	G	Solid			X	X	2	Use caution! Site contaminated with solvent waste

Note: Since laboratory accreditations are subject to change, Eurofins Environment Testing North Central, LLC places the ownership of method, analyte & accreditation compliance upon our subcontract laboratories. This sample shipment is forwarded under chain-of-custody. If the laboratory does not currently maintain accreditation in the State of Origin listed above for analysis/tests/matrix being analyzed, the samples must be shipped back to the Eurofins Environment Testing North Central, LLC laboratory or other instructions will be provided. Any changes to accreditation status should be brought to Eurofins Environment Testing North Central, LLC attention immediately. If all requested accreditations are current to date, return the signed Chain of Custody attesting to said compliance to Eurofins Environment Testing North Central, LLC

Possible Hazard Identification	*Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)*
Unconfirmed	☐ *Return To Client* ☐ *Disposal By Lab* ☐ *Archive For* _____ *Months*
Deliverable Requested: I, II, III, IV, Other (specify) Primary Deliverable Rank: 2	Special Instructions/QC Requirements:

Empty Kit Relinquished by:	Date:	Time:	Method of Shipment:

Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company
Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company
Relinquished by:	Date/Time:	Company	Received by:	Date/Time: 10/26/24 1010	Company

Custody Seals Intact: Δ Yes Δ No	Custody Seal No.:	Cooler Temperature(s) °C and Other Remarks: R:1.5 C:0.9

Ver: 10/10/2024

Eurofins Cleveland
180 S. Van Buren Avenue
Barberton, OH 44203
Phone: 330-497-9396 Fax: 330-497-0772

Chain of Custody Record

eurofins | Environment Testing

Client Information (Sub Contract Lab)	Sampler: N/A	Lab PM: Kalis, Nicole A	Carrier Tracking No(s): N/A	COC No: 240-192770.2
Client Contact: Shipping/Receiving	Phone: N/A	E-Mail: Nicole.Kalis@et.eurofinsus.com	State of Origin: Ohio	Page: Page 2 of 2
Company: Eurofins Lancaster Laboratories Environm		Accreditations Required (See note): N/A		Job #: 240-213690-1
Address: 2425 New Holland Pike, ,	Due Date Requested: 11/6/2024			Preservation Codes: -
City: ~~Lancaster~~	TAT Requested (days): ~~N/A~~			
State, Zip: PA, 17601				
Phone: 717-656-2300(Tel)	PO #: N/A			
Email: N/A	WO #: N/A			
Project Name: MSC Canfield - N. Ditch Sampling	Project #: 24033889			
Site: N/A	SSOW#: N/A			Other: N/A

Sample Identification - Client ID (Lab ID)	Sample Date	Sample Time	Sample Type (C=comp, G=grab)	Matrix (W=water, S=solid, O=waste/oil, BT=Tissue, A=Air)	Field Filtered Sample (Yes or No)	Perform MS/MSD (Yes or No)	1677_Free/ASTM_LEACH_NP Cyanide, Free	7196A/3060A Chromium, Hexavalent	Total Number of containers	Special Instructions/Note:
			Preservation Code:							
T2-625-N-0.0 (240-213690-10)	10/24/24	13:15 Eastern	G	Solid			X	X	2	Use caution! Site contaminated with solvent waste
T2-500-S-0.0 (240-213690-11)	10/24/24	13:45 Eastern	G	Solid			X	X	2	Use caution! Site contaminated with solvent waste
DUP-5-20241024 (240-213690-12)	10/24/24	Eastern	G	Solid			X	X	2	Use caution! Site contaminated with solvent waste
T2-500-N-0.0 (240-213690-13)	10/24/24	14:00 Eastern	G	Solid			X	X	2	Use caution! Site contaminated with solvent waste

Note: Since laboratory accreditations are subject to change, Eurofins Environment Testing North Central, LLC places the ownership of method, analyte & accreditation compliance upon our subcontract laboratories. This sample shipment is forwarded under chain-of-custody. If the laboratory does not currently maintain accreditation in the State of Origin listed above for analysis/tests/matrix being analyzed, the samples must be shipped back to the Eurofins Environment Testing North Central, LLC laboratory or other instructions will be provided. Any changes to accreditation status should be brought to Eurofins Environment Testing North Central, LLC attention immediately. If all requested accreditations are current to date, return the signed Chain of Custody attesting to said compliance to Eurofins Environment Testing North Central, LLC.

Possible Hazard Identification	Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)
Unconfirmed	☐ Return To Client ☐ Disposal By Lab ☐ Archive For _____ Months
Deliverable Requested: I, II, III, IV, Other (specify) Primary Deliverable Rank: 2	Special Instructions/QC Requirements:

Empty Kit Relinquished by:	Date:	Time:	Method of Shipment:

Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company
Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company
Relinquished by:	Date/Time:	Company	Received by:	Date/Time: 10/25/24 1010	Company

Custody Seals Intact: Δ Yes Δ No	Custody Seal No.:	Cooler Temperature(s) °C and Other Remarks: R: 1.5 C: 0.9

Ver: 10/10/2024

Login Sample Receipt Checklist

Client: August Mack Environmental, Inc.

Job Number: 240-213690-1

Login Number: 213690
List Number: 2
Creator: Santiago, Nathaniel

List Source: Eurofins Lancaster Laboratories Environment Testing, LLC
List Creation: 10/26/24 12:02 PM

Question	Answer	Comment
The cooler's custody seal is intact.	N/A	
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	True	
Cooler Temperature acceptable,where thermal pres is required(</=6C, not frozen).	True	
Cooler Temperature is recorded.	True	
WV:Container Temp acceptable,where thermal pres is required (</=6C, not frozen).	N/A	
WV: Container Temperature is recorded.	N/A	
COC is present.	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information.	True	
There are no discrepancies between the containers received and the COC.	True	
Sample containers have legible labels.	True	
Containers are not broken or leaking.	True	
Sample collection date/times are provided.	True	
Appropriate sample containers are used.	True	
Sample bottles are completely filled.	True	
There is sufficient vol. for all requested analyses.	True	
Is the Field Sampler's name present on COC?	False	Received project as a subcontract.
Sample custody seals are intact.	N/A	
VOA sample vials do not have headspace >6mm in diameter (none, if from WV)?	N/A	

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ANALYTICAL REPORT

PREPARED FOR

Attn: Kain Lager-Lowe
August Mack Environmental, Inc.
7830 North Central Drive, Suite B
Lewis Center, Ohio 43035

Generated 11/8/2024 1:24:15 PM

JOB DESCRIPTION

MSC Canfield

JOB NUMBER

240-213767-1

Eurofins Cleveland
180 S. Van Buren Avenue
Barberton OH 44203

See page two for job notes and contact information.

my EOL

Job Notes

This report may not be reproduced except in full, and with written approval from the laboratory. The results relate only to the samples tested. For questions please contact the Project Manager at the e-mail address or telephone number listed on this page.

The test results in this report relate only to the samples as received by the laboratory and will meet all requirements of the methodology, with any exceptions noted. This report shall not be reproduced except in full, without the express written approval of the laboratory. All questions should be directed to the Eurofins Environment Testing North Central, LLC Project Manager.

Authorization



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Authorized for release by
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Client: August Mack Environmental, Inc.
Job ID: 240-213767-1
Project/Site: MSC Canfield

Qualifiers

GC/MS Semi VOA

Qualifier	Qualifier Description
E	Result exceeded calibration range.
J	Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.

Metals

Qualifier	Qualifier Description
J	Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.

General Chemistry

Qualifier	Qualifier Description
H	Sample was prepped or analyzed beyond the specified holding time. This does not meet regulatory requirements.

Glossary

Abbreviation	These commonly used abbreviations may or may not be present in this report.
☼	Listed under the "D" column to designate that the result is reported on a dry weight basis
%R	Percent Recovery
CFL	Contains Free Liquid
CFU	Colony Forming Unit
CNF	Contains No Free Liquid
DER	Duplicate Error Ratio (normalized absolute difference)
Dil Fac	Dilution Factor
DL	Detection Limit (DoD/DOE)
DL, RA, RE, IN	Indicates a Dilution, Re-analysis, Re-extraction, or additional Initial metals/anion analysis of the sample
DLC	Decision Level Concentration (Radiochemistry)
EDL	Estimated Detection Limit (Dioxin)
LOD	Limit of Detection (DoD/DOE)
LOQ	Limit of Quantitation (DoD/DOE)
MCL	EPA recommended "Maximum Contaminant Level"
MDA	Minimum Detectable Activity (Radiochemistry)
MDC	Minimum Detectable Concentration (Radiochemistry)
MDL	Method Detection Limit
ML	Minimum Level (Dioxin)
MPN	Most Probable Number
MQL	Method Quantitation Limit
NC	Not Calculated
ND	Not Detected at the reporting limit (or MDL or EDL if shown)
NEG	Negative / Absent
POS	Positive / Present
PQL	Practical Quantitation Limit
PRES	Presumptive
QC	Quality Control
RER	Relative Error Ratio (Radiochemistry)
RL	Reporting Limit or Requested Limit (Radiochemistry)
RPD	Relative Percent Difference, a measure of the relative difference between two points
TEF	Toxicity Equivalent Factor (Dioxin)
TEQ	Toxicity Equivalent Quotient (Dioxin)
TNTC	Too Numerous To Count

Job ID: 240-213767-1 Eurofins Cleveland

Job Narrative
240-213767-1

Analytical test results meet all requirements of the associated regulatory program listed on the Accreditation/Certification Summary Page unless otherwise noted under the individual analysis. Data qualifiers and/or narrative comments are included to explain any exceptions, if applicable.

- Matrix QC may not be reported if insufficient sample is provided or site-specific QC samples were not submitted. In these situations, to demonstrate precision and accuracy at a batch level, a LCS/LCSD may be performed, unless otherwise specified in the method.
- Surrogate and/or isotope dilution analyte recoveries (if applicable) which are outside of the QC window are confirmed unless attributed to a dilution or otherwise noted in the narrative.

Regulated compliance samples (e.g. SDWA, NPDES) must comply with the associated agency requirements/permits.

Receipt
The samples were received on 10/25/2024 4:53 PM. Unless otherwise noted below, the samples arrived in good condition, and, where required, properly preserved and on ice. The temperature of the cooler at receipt time was 2.3°C.

GC/MS VOA
Method 8260D: The continuing calibration verification (CCV) analyzed in batch 240-633652 was outside the method criteria for the following analyte(s): Bromomethane, Cyclohexane, Methylcyclohexane and Trichlorofluoromethane. A CCV standard at or below the reporting limit (RL) was analyzed with the affected samples and found to be acceptable. As indicated in the reference method, sample analysis may proceed; however, any detection for the affected analyte(s) is considered estimated.

Method 8260D: NO MS/MSD in batch 633652 due to a dilution error.

SB-36-SW (240-213767-2) and TB-1-20241025 (240-213767-3)

Method 8260D: The continuing calibration verification (CCV) analyzed in batch 240-633596 was outside the method criteria for the following analyte(s): 1,1,2-Trichloro-1,2,2-trifluoroethane, Bromomethane and Trichlorofluoromethane. A CCV standard at or below the reporting limit (RL) was analyzed with the affected samples and found to be acceptable. As indicated in the reference method, sample analysis may proceed; however, any detection for the affected analyte(s) is considered estimated.

Method 8260D: NO MS/MSD in batch 633596 due to a poor purge.

SB-29-SW (240-213767-1) and (240-213727-B-15)

No additional analytical or quality issues were noted, other than those described above or in the Definitions/ Glossary page.

GC/MS Semi VOA
Method 8270E: The continuing calibration verification (CCV) associated with batch 240-634284 recovered outside acceptance criteria, low biased, for 2,2-oxybis[1-chloropropane]. A reporting limit (RL) standard was analyzed, and the target analyte was detected. Since the associated samples were non-detect for the analyte, the data were reported. Samples SB-29-SW (240-213767-1) and SB-36-SW (240-213767-2) were impacted.

Method 8270E: The LCS associated with prep batch 240-632659 and samples SB-29-SW (240-213767-1) and SB-36-SW (240-213767-2) had a recovery for the analyte 4-Nitroaniline in excess of the initial calibration. Any detection of this analyte would be biased high. Because the associated samples were ND for this compound no corrective action was required.

No additional analytical or quality issues were noted, other than those described above or in the Definitions/ Glossary page.

PCBs
Method 8082A: The following samples required a tetrabutylammonium sulfite (TBA) clean-up to reduce matrix interferences caused by sulfur: SB-29-SW (240-213767-1) and SB-36-SW (240-213767-2).

No additional analytical or quality issues were noted, other than those described above or in the Definitions/ Glossary page.

Metals
No additional analytical or quality issues were noted, other than those described above or in the Definitions/ Glossary page.

Eurofins Cleveland

Job ID: 240-213767-1 (Continued) Eurofins Cleveland

General Chemistry
Method 7196A: The following sample(s) was received with less than 2 days remaining on the holding time or less than one shift (8 hours) remaining on a test with a holding time of 48 hours or less. As such, the laboratory had insufficient time remaining to perform the analysis within holding time: SB-36-SW (240-213767-2).

No additional analytical or quality issues were noted, other than those described above or in the Definitions/ Glossary page.

Method Summary

Client: August Mack Environmental, Inc.
Project/Site: MSC Canfield

Job ID: 240-213767-1

Method	Method Description	Protocol	Laboratory
8260D	Volatile Organic Compounds by GC/MS	SW846	EET CLE
8270E	Semivolatile Organic Compounds (GC/MS)	SW846	EET CLE
8082A	Polychlorinated Biphenyls (PCBs) by Gas Chromatography	SW846	EET CLE
6010D	Metals (ICP)	SW846	EET CLE
7470A	Mercury (CVAA)	SW846	EET CLE
7196A	Chromium, Hexavalent	SW846	EET CLE
9012B	Cyanide, Total andor Amenable	SW846	EET CLE
OIA-1677	Cyanide, Free (Flow Injection)	OI CORP	ELLE
3005A	Preparation, Total Recoverable or Dissolved Metals	SW846	EET CLE
3510C	Liquid-Liquid Extraction (Separatory Funnel)	SW846	EET CLE
3510C LVI	Liquid-Liquid Extraction (Separatory Funnel) LVI	SW846	EET CLE
5030C	Purge and Trap	SW846	EET CLE
7470A	Preparation, Mercury	SW846	EET CLE
9012B	Cyanide, Total and/or Amenable, Distillation	SW846	EET CLE

Protocol References:

OI CORP = OI Corporation Instrument Manual.

SW846 = "Test Methods For Evaluating Solid Waste, Physical/Chemical Methods", Third Edition, November 1986 And Its Updates.

Laboratory References:

EET CLE = Eurofins Cleveland, 180 S. Van Buren Avenue, Barberton, OH 44203, TEL (330)497-9396

ELLE = Eurofins Lancaster Laboratories Environment Testing, LLC, 2425 New Holland Pike, Lancaster, PA 17601, TEL (717)656-2300

Sample Summary

Client: August Mack Environmental, Inc.
Project/Site: MSC Canfield

Job ID: 240-213767-1

Lab Sample ID	Client Sample ID	Matrix	Collected	Received
240-213767-1	SB-29-SW	Water	10/25/24 13:40	10/25/24 16:53
240-213767-2	SB-36-SW	Water	10/25/24 14:05	10/25/24 16:53
240-213767-3	TB-1-20241025	Water	10/25/24 00:00	10/25/24 16:53

Detection Summary

Client: August Mack Environmental, Inc.
Project/Site: MSC Canfield

Job ID: 240-213767-1

Client Sample ID: SB-29-SW — Lab Sample ID: 240-213767-1

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Benzo[a]anthracene	0.19	J	0.20	0.068	ug/L	1		8270E	Total/NA
Benzo[a]pyrene	0.32		0.20	0.17	ug/L	1		8270E	Total/NA
Benzo[b]fluoranthene	0.60		0.20	0.15	ug/L	1		8270E	Total/NA
Benzo[g,h,i]perylene	0.29		0.20	0.18	ug/L	1		8270E	Total/NA
Benzo[k]fluoranthene	0.18	J	0.20	0.14	ug/L	1		8270E	Total/NA
Chrysene	0.28		0.20	0.066	ug/L	1		8270E	Total/NA
Fluoranthene	0.64		0.20	0.16	ug/L	1		8270E	Total/NA
Indeno[1,2,3-cd]pyrene	0.24		0.20	0.14	ug/L	1		8270E	Total/NA
Phenanthrene	0.20		0.20	0.080	ug/L	1		8270E	Total/NA
Pyrene	0.43		0.20	0.083	ug/L	1		8270E	Total/NA
Arsenic	4.2	J	15	4.1	ug/L	1		6010D	Total Recoverable
Barium	88	J	200	1.3	ug/L	1		6010D	Total Recoverable
Chromium	12		10	0.76	ug/L	1		6010D	Total Recoverable
Copper	10	J	25	3.5	ug/L	1		6010D	Total Recoverable
Lead	11		10	2.8	ug/L	1		6010D	Total Recoverable
Zinc	5500		50	23	ug/L	1		6010D	Total Recoverable
Barium	39	J	200	1.3	ug/L	1		6010D	Dissolved
Chromium	0.85	J	10	0.76	ug/L	1		6010D	Dissolved
Zinc	48	J	50	23	ug/L	1		6010D	Dissolved
Cyanide, Total	8.1		0.25	0.15	mg/L	25		9012B	Total/NA
Cyanide, Free	0.13		0.0060	0.0050	mg/L	1		OIA-1677	Total/NA

Client Sample ID: SB-36-SW — Lab Sample ID: 240-213767-2

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Naphthalene	0.10	J	0.19	0.10	ug/L	1		8270E	Total/NA
Arsenic	4.2	J	15	4.1	ug/L	1		6010D	Total Recoverable
Barium	43	J	200	1.3	ug/L	1		6010D	Total Recoverable
Chromium	4.7	J	10	0.76	ug/L	1		6010D	Total Recoverable
Copper	3.9	J	25	3.5	ug/L	1		6010D	Total Recoverable
Lead	5.4	J	10	2.8	ug/L	1		6010D	Total Recoverable
Zinc	2700		50	23	ug/L	1		6010D	Total Recoverable
Barium	30	J	200	1.3	ug/L	1		6010D	Dissolved
Chromium	2.9	J	10	0.76	ug/L	1		6010D	Dissolved
Zinc	1200		50	23	ug/L	1		6010D	Dissolved
Cyanide, Total	2.4		0.25	0.15	mg/L	25		9012B	Total/NA
Cyanide, Free	0.13		0.0060	0.0050	mg/L	1		OIA-1677	Total/NA

Client Sample ID: TB-1-20241025 — Lab Sample ID: 240-213767-3

No Detections.

This Detection Summary does not include radiochemical test results.

Client: August Mack Environmental, Inc.
Project/Site: MSC Canfield

Job ID: 240-213767-1

Client Sample ID: SB-29-SW
Date Collected: 10/25/24 13:40
Date Received: 10/25/24 16:53

Lab Sample ID: 240-213767-1
Matrix: Water

Method: SW846 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		1.0	0.48	ug/L			11/02/24 05:45	1
1,1,2,2-Tetrachloroethane	ND		1.0	0.60	ug/L			11/02/24 05:45	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		1.0	0.41	ug/L			11/02/24 05:45	1
1,1,2-Trichloroethane	ND		1.0	0.48	ug/L			11/02/24 05:45	1
1,1-Dichloroethane	ND		1.0	0.47	ug/L			11/02/24 05:45	1
1,1-Dichloroethene	ND		1.0	0.49	ug/L			11/02/24 05:45	1
1,2,4-Trichlorobenzene	ND		1.0	0.77	ug/L			11/02/24 05:45	1
1,2-Dibromo-3-Chloropropane	ND		2.0	0.91	ug/L			11/02/24 05:45	1
Ethylene Dibromide	ND		1.0	0.41	ug/L			11/02/24 05:45	1
1,2-Dichlorobenzene	ND		1.0	0.48	ug/L			11/02/24 05:45	1
1,2-Dichloroethane	ND		1.0	0.46	ug/L			11/02/24 05:45	1
1,2-Dichloropropane	ND		1.0	0.47	ug/L			11/02/24 05:45	1
1,3-Dichlorobenzene	ND		1.0	0.45	ug/L			11/02/24 05:45	1
1,4-Dichlorobenzene	ND		1.0	0.41	ug/L			11/02/24 05:45	1
2-Butanone (MEK)	ND		10	1.2	ug/L			11/02/24 05:45	1
2-Hexanone	ND		10	1.1	ug/L			11/02/24 05:45	1
4-Methyl-2-pentanone (MIBK)	ND		10	0.99	ug/L			11/02/24 05:45	1
Acetone	ND		10	5.4	ug/L			11/02/24 05:45	1
Benzene	ND		1.0	0.42	ug/L			11/02/24 05:45	1
Dichlorobromomethane	ND		1.0	0.38	ug/L			11/02/24 05:45	1
Bromoform	ND		1.0	0.76	ug/L			11/02/24 05:45	1
Bromomethane	ND		1.0	0.42	ug/L			11/02/24 05:45	1
Carbon disulfide	ND		1.0	0.59	ug/L			11/02/24 05:45	1
Carbon tetrachloride	ND		1.0	0.26	ug/L			11/02/24 05:45	1
Chlorobenzene	ND		1.0	0.38	ug/L			11/02/24 05:45	1
Chloroethane	ND		1.0	0.83	ug/L			11/02/24 05:45	1
Chloroform	ND		1.0	0.47	ug/L			11/02/24 05:45	1
Chloromethane	ND		1.0	0.63	ug/L			11/02/24 05:45	1
cis-1,2-Dichloroethene	ND		1.0	0.46	ug/L			11/02/24 05:45	1
cis-1,3-Dichloropropene	ND		1.0	0.61	ug/L			11/02/24 05:45	1
Cyclohexane	ND		1.0	0.48	ug/L			11/02/24 05:45	1
Chlorodibromomethane	ND		1.0	0.39	ug/L			11/02/24 05:45	1
Dichlorodifluoromethane	ND		1.0	0.35	ug/L			11/02/24 05:45	1
Ethylbenzene	ND		1.0	0.42	ug/L			11/02/24 05:45	1
Isopropylbenzene	ND		1.0	0.49	ug/L			11/02/24 05:45	1
Methyl acetate	ND		10	1.7	ug/L			11/02/24 05:45	1
Methyl tert-butyl ether	ND		1.0	0.47	ug/L			11/02/24 05:45	1
Methylcyclohexane	ND		1.0	0.33	ug/L			11/02/24 05:45	1
Methylene Chloride	ND		5.0	2.6	ug/L			11/02/24 05:45	1
Styrene	ND		1.0	0.45	ug/L			11/02/24 05:45	1
Tetrachloroethene	ND		1.0	0.44	ug/L			11/02/24 05:45	1
Toluene	ND		1.0	0.44	ug/L			11/02/24 05:45	1
trans-1,2-Dichloroethene	ND		1.0	0.51	ug/L			11/02/24 05:45	1
trans-1,3-Dichloropropene	ND		1.0	0.67	ug/L			11/02/24 05:45	1
Trichloroethene	ND		1.0	0.44	ug/L			11/02/24 05:45	1
Trichlorofluoromethane	ND		1.0	0.45	ug/L			11/02/24 05:45	1
Vinyl chloride	ND		1.0	0.45	ug/L			11/02/24 05:45	1
Xylenes, Total	ND		2.0	0.42	ug/L			11/02/24 05:45	1

Client: August Mack Environmental, Inc.
Project/Site: MSC Canfield

Job ID: 240-213767-1

Client Sample ID: SB-29-SW
Date Collected: 10/25/24 13:40
Date Received: 10/25/24 16:53

Lab Sample ID: 240-213767-1
Matrix: Water

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
Toluene-d8 (Surr)	*88*		*78 - 122*		*11/02/24 05:45*	*1*
Dibromofluoromethane (Surr)	*117*		*73 - 120*		*11/02/24 05:45*	*1*
4-Bromofluorobenzene (Surr)	*78*		*56 - 136*		*11/02/24 05:45*	*1*
1,2-Dichloroethane-d4 (Surr)	*117*		*62 - 137*		*11/02/24 05:45*	*1*

Method: SW846 8270E - Semivolatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1'-Biphenyl	ND		1.0	0.49	ug/L		10/28/24 08:08	11/07/24 14:24	1
bis (2-chloroisopropyl) ether	ND		1.0	0.24	ug/L		10/28/24 08:08	11/07/24 14:24	1
2,4,5-Trichlorophenol	ND		5.0	2.0	ug/L		10/28/24 08:08	11/07/24 14:24	1
2,4,6-Trichlorophenol	ND		5.0	1.8	ug/L		10/28/24 08:08	11/07/24 14:24	1
2,4-Dichlorophenol	ND		2.0	0.26	ug/L		10/28/24 08:08	11/07/24 14:24	1
2,4-Dimethylphenol	ND		2.0	0.25	ug/L		10/28/24 08:08	11/07/24 14:24	1
2,4-Dinitrophenol	ND		10	2.6	ug/L		10/28/24 08:08	11/07/24 14:24	1
2,4-Dinitrotoluene	ND		5.0	2.1	ug/L		10/28/24 08:08	11/07/24 14:24	1
2,6-Dinitrotoluene	ND		5.0	1.1	ug/L		10/28/24 08:08	11/07/24 14:24	1
2-Chloronaphthalene	ND		1.0	0.23	ug/L		10/28/24 08:08	11/07/24 14:24	1
2-Chlorophenol	ND		1.0	0.27	ug/L		10/28/24 08:08	11/07/24 14:24	1
2-Methylnaphthalene	ND		0.20	0.11	ug/L		10/28/24 08:08	11/07/24 14:24	1
2-Methylphenol	ND		1.0	0.21	ug/L		10/28/24 08:08	11/07/24 14:24	1
2-Nitroaniline	ND		2.0	0.51	ug/L		10/28/24 08:08	11/07/24 14:24	1
2-Nitrophenol	ND		2.0	0.56	ug/L		10/28/24 08:08	11/07/24 14:24	1
3,3'-Dichlorobenzidine	ND		5.0	1.2	ug/L		10/28/24 08:08	11/07/24 14:24	1
3-Nitroaniline	ND		2.0	0.57	ug/L		10/28/24 08:08	11/07/24 14:24	1
4,6-Dinitro-2-methylphenol	ND		5.0	2.8	ug/L		10/28/24 08:08	11/07/24 14:24	1
4-Bromophenyl phenyl ether	ND		2.0	0.50	ug/L		10/28/24 08:08	11/07/24 14:24	1
4-Chloro-3-methylphenol	ND		2.0	0.30	ug/L		10/28/24 08:08	11/07/24 14:24	1
4-Chloroaniline	ND		2.0	0.32	ug/L		10/28/24 08:08	11/07/24 14:24	1
4-Chlorophenyl phenyl ether	ND		2.0	0.55	ug/L		10/28/24 08:08	11/07/24 14:24	1
4-Nitroaniline	ND		2.0	0.33	ug/L		10/28/24 08:08	11/07/24 14:24	1
4-Nitrophenol	ND		10	2.2	ug/L		10/28/24 08:08	11/07/24 14:24	1
Acenaphthene	ND		0.20	0.17	ug/L		10/28/24 08:08	11/07/24 14:24	1
Acenaphthylene	ND		0.20	0.13	ug/L		10/28/24 08:08	11/07/24 14:24	1
Acetophenone	ND		1.0	0.37	ug/L		10/28/24 08:08	11/07/24 14:24	1
Anthracene	ND		0.20	0.14	ug/L		10/28/24 08:08	11/07/24 14:24	1
Atrazine	ND		2.0	0.95	ug/L		10/28/24 08:08	11/07/24 14:24	1
Benzaldehyde	ND		2.0	0.76	ug/L		10/28/24 08:08	11/07/24 14:24	1
Benzo[a]anthracene	**0.19**	**J**	0.20	0.068	ug/L		10/28/24 08:08	11/07/24 14:24	1
Benzo[a]pyrene	**0.32**		0.20	0.17	ug/L		10/28/24 08:08	11/07/24 14:24	1
Benzo[b]fluoranthene	**0.60**		0.20	0.15	ug/L		10/28/24 08:08	11/07/24 14:24	1
Benzo[g,h,i]perylene	**0.29**		0.20	0.18	ug/L		10/28/24 08:08	11/07/24 14:24	1
Benzo[k]fluoranthene	**0.18**	**J**	0.20	0.14	ug/L		10/28/24 08:08	11/07/24 14:24	1
Bis(2-chloroethoxy)methane	ND		1.0	0.22	ug/L		10/28/24 08:08	11/07/24 14:24	1
Bis(2-chloroethyl)ether	ND		1.0	0.40	ug/L		10/28/24 08:08	11/07/24 14:24	1
Bis(2-ethylhexyl) phthalate	ND		5.0	2.2	ug/L		10/28/24 08:08	11/07/24 14:24	1
Butyl benzyl phthalate	ND		2.0	0.67	ug/L		10/28/24 08:08	11/07/24 14:24	1
Caprolactam	ND		5.0	3.8	ug/L		10/28/24 08:08	11/07/24 14:24	1
Carbazole	ND		1.0	0.49	ug/L		10/28/24 08:08	11/07/24 14:24	1
Chrysene	**0.28**		0.20	0.066	ug/L		10/28/24 08:08	11/07/24 14:24	1
Dibenz(a,h)anthracene	ND		0.20	0.15	ug/L		10/28/24 08:08	11/07/24 14:24	1

Client Sample ID: SB-29-SW
Date Collected: 10/25/24 13:40
Date Received: 10/25/24 16:53

Lab Sample ID: 240-213767-1
Matrix: Water

Method: SW846 8270E - Semivolatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Dibenzofuran	ND		1.0	0.27	ug/L		10/28/24 08:08	11/07/24 14:24	1
Diethyl phthalate	ND		5.0	0.41	ug/L		10/28/24 08:08	11/07/24 14:24	1
Dimethyl phthalate	ND		2.0	0.52	ug/L		10/28/24 08:08	11/07/24 14:24	1
Di-n-butyl phthalate	ND		5.0	1.8	ug/L		10/28/24 08:08	11/07/24 14:24	1
Di-n-octyl phthalate	ND		2.0	0.82	ug/L		10/28/24 08:08	11/07/24 14:24	1
Fluoranthene	**0.64**		0.20	0.16	ug/L		10/28/24 08:08	11/07/24 14:24	1
Fluorene	ND		0.20	0.079	ug/L		10/28/24 08:08	11/07/24 14:24	1
Hexachlorobenzene	ND		0.20	0.16	ug/L		10/28/24 08:08	11/07/24 14:24	1
Hexachlorobutadiene	ND		1.0	0.54	ug/L		10/28/24 08:08	11/07/24 14:24	1
Hexachlorocyclopentadiene	ND		10	1.8	ug/L		10/28/24 08:08	11/07/24 14:24	1
Hexachloroethane	ND		1.0	0.40	ug/L		10/28/24 08:08	11/07/24 14:24	1
Indeno[1,2,3-cd]pyrene	**0.24**		0.20	0.14	ug/L		10/28/24 08:08	11/07/24 14:24	1
Isophorone	ND		1.0	0.32	ug/L		10/28/24 08:08	11/07/24 14:24	1
N-Nitrosodi-n-propylamine	ND		1.0	0.25	ug/L		10/28/24 08:08	11/07/24 14:24	1
N-Nitrosodiphenylamine	ND		1.0	0.44	ug/L		10/28/24 08:08	11/07/24 14:24	1
Naphthalene	ND		0.20	0.11	ug/L		10/28/24 08:08	11/07/24 14:24	1
Nitrobenzene	ND		1.0	0.51	ug/L		10/28/24 08:08	11/07/24 14:24	1
Pentachlorophenol	ND		10	3.1	ug/L		10/28/24 08:08	11/07/24 14:24	1
Phenanthrene	**0.20**		0.20	0.080	ug/L		10/28/24 08:08	11/07/24 14:24	1
Phenol	ND		1.0	0.40	ug/L		10/28/24 08:08	11/07/24 14:24	1
Pyrene	**0.43**		0.20	0.083	ug/L		10/28/24 08:08	11/07/24 14:24	1
3 & 4 Methylphenol	ND		2.0	0.19	ug/L		10/28/24 08:08	11/07/24 14:24	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Terphenyl-d14 (Surr)	*75*		*43 - 136*	*10/28/24 08:08*	*11/07/24 14:24*	*1*
Phenol-d5 (Surr)	*91*		*10 - 120*	*10/28/24 08:08*	*11/07/24 14:24*	*1*
Nitrobenzene-d5 (Surr)	*84*		*40 - 120*	*10/28/24 08:08*	*11/07/24 14:24*	*1*
2-Fluorophenol (Surr)	*93*		*10 - 127*	*10/28/24 08:08*	*11/07/24 14:24*	*1*
2-Fluorobiphenyl (Surr)	*82*		*41 - 120*	*10/28/24 08:08*	*11/07/24 14:24*	*1*
2,4,6-Tribromophenol (Surr)	*106*		*23 - 127*	*10/28/24 08:08*	*11/07/24 14:24*	*1*

Method: SW846 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aroclor-1016	ND		0.099	0.055	ug/L		10/29/24 08:28	10/31/24 01:14	1
Aroclor-1221	ND		0.099	0.056	ug/L		10/29/24 08:28	10/31/24 01:14	1
Aroclor-1232	ND		0.099	0.073	ug/L		10/29/24 08:28	10/31/24 01:14	1
Aroclor-1242	ND		0.099	0.075	ug/L		10/29/24 08:28	10/31/24 01:14	1
Aroclor-1248	ND		0.099	0.050	ug/L		10/29/24 08:28	10/31/24 01:14	1
Aroclor-1254	ND		0.099	0.040	ug/L		10/29/24 08:28	10/31/24 01:14	1
Aroclor-1260	ND		0.099	0.046	ug/L		10/29/24 08:28	10/31/24 01:14	1
Aroclor-1262	ND		0.099	0.057	ug/L		10/29/24 08:28	10/31/24 01:14	1
Aroclor-1268	ND		0.099	0.061	ug/L		10/29/24 08:28	10/31/24 01:14	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Tetrachloro-m-xylene	*57*		*10 - 149*	*10/29/24 08:28*	*10/31/24 01:14*	*1*
DCB Decachlorobiphenyl	*53*		*10 - 174*	*10/29/24 08:28*	*10/31/24 01:14*	*1*

Method: SW846 6010D - Metals (ICP) - Total Recoverable

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	**4.2**	**J**	15	4.1	ug/L		10/29/24 06:00	10/30/24 13:49	1

Client Sample ID: SB-29-SW
Date Collected: 10/25/24 13:40
Date Received: 10/25/24 16:53

Lab Sample ID: 240-213767-1
Matrix: Water

Method: SW846 6010D - Metals (ICP) - Total Recoverable (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Barium	**88**	**J**	200	1.3	ug/L		10/29/24 06:00	10/30/24 13:49	1
Cadmium	ND		5.0	0.45	ug/L		10/29/24 06:00	10/30/24 13:49	1
Chromium	**12**		10	0.76	ug/L		10/29/24 06:00	10/30/24 13:49	1
Copper	**10**	**J**	25	3.5	ug/L		10/29/24 06:00	10/30/24 13:49	1
Lead	**11**		10	2.8	ug/L		10/29/24 06:00	10/30/24 13:49	1
Selenium	ND		20	6.0	ug/L		10/29/24 06:00	10/30/24 13:49	1
Silver	ND		10	1.4	ug/L		10/29/24 06:00	10/30/24 13:49	1
Zinc	**5500**		50	23	ug/L		10/29/24 06:00	10/30/24 13:49	1

Method: SW846 6010D - Metals (ICP) - Dissolved

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	ND		15	4.1	ug/L		10/29/24 06:00	10/30/24 13:53	1
Barium	**39**	**J**	200	1.3	ug/L		10/29/24 06:00	10/30/24 13:53	1
Cadmium	ND		5.0	0.45	ug/L		10/29/24 06:00	10/30/24 13:53	1
Chromium	**0.85**	**J**	10	0.76	ug/L		10/29/24 06:00	10/30/24 13:53	1
Copper	ND		25	3.5	ug/L		10/29/24 06:00	10/30/24 13:53	1
Lead	ND		10	2.8	ug/L		10/29/24 06:00	10/30/24 13:53	1
Selenium	ND		20	6.0	ug/L		10/29/24 06:00	10/30/24 13:53	1
Silver	ND		10	1.4	ug/L		10/29/24 06:00	10/30/24 13:53	1
Zinc	**48**	**J**	50	23	ug/L		10/29/24 06:00	10/30/24 13:53	1

Method: SW846 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	ND		0.20	0.13	ug/L		10/28/24 14:00	10/29/24 12:05	1

Method: SW846 7470A - Mercury (CVAA) - Dissolved

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	ND		0.20	0.13	ug/L		10/28/24 14:00	10/29/24 12:07	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chromium, hexavalent (SW846 7196A)	ND		0.020	0.0070	mg/L			10/26/24 10:30	1
Cyanide, Total (SW846 9012B)	**8.1**		0.25	0.15	mg/L		11/05/24 09:03	11/05/24 12:14	25
Cyanide, Free (OI CORP OIA-1677)	**0.13**		0.0060	0.0050	mg/L			11/07/24 14:12	1

General Chemistry - Dissolved

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chromium, hexavalent (SW846 7196A)	ND		0.020	0.0070	mg/L			10/26/24 10:28	1

Client: August Mack Environmental, Inc.
Project/Site: MSC Canfield

Job ID: 240-213767-1

Client Sample ID: SB-36-SW
Date Collected: 10/25/24 14:05
Date Received: 10/25/24 16:53

Lab Sample ID: 240-213767-2
Matrix: Water

Method: SW846 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		1.0	0.48	ug/L			11/02/24 18:39	1
1,1,2,2-Tetrachloroethane	ND		1.0	0.60	ug/L			11/02/24 18:39	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		1.0	0.41	ug/L			11/02/24 18:39	1
1,1,2-Trichloroethane	ND		1.0	0.48	ug/L			11/02/24 18:39	1
1,1-Dichloroethane	ND		1.0	0.47	ug/L			11/02/24 18:39	1
1,1-Dichloroethene	ND		1.0	0.49	ug/L			11/02/24 18:39	1
1,2,4-Trichlorobenzene	ND		1.0	0.77	ug/L			11/02/24 18:39	1
1,2-Dibromo-3-Chloropropane	ND		2.0	0.91	ug/L			11/02/24 18:39	1
Ethylene Dibromide	ND		1.0	0.41	ug/L			11/02/24 18:39	1
1,2-Dichlorobenzene	ND		1.0	0.48	ug/L			11/02/24 18:39	1
1,2-Dichloroethane	ND		1.0	0.46	ug/L			11/02/24 18:39	1
1,2-Dichloropropane	ND		1.0	0.47	ug/L			11/02/24 18:39	1
1,3-Dichlorobenzene	ND		1.0	0.45	ug/L			11/02/24 18:39	1
1,4-Dichlorobenzene	ND		1.0	0.41	ug/L			11/02/24 18:39	1
2-Butanone (MEK)	ND		10	1.2	ug/L			11/02/24 18:39	1
2-Hexanone	ND		10	1.1	ug/L			11/02/24 18:39	1
4-Methyl-2-pentanone (MIBK)	ND		10	0.99	ug/L			11/02/24 18:39	1
Acetone	ND		10	5.4	ug/L			11/02/24 18:39	1
Benzene	ND		1.0	0.42	ug/L			11/02/24 18:39	1
Dichlorobromomethane	ND		1.0	0.38	ug/L			11/02/24 18:39	1
Bromoform	ND		1.0	0.76	ug/L			11/02/24 18:39	1
Bromomethane	ND		1.0	0.42	ug/L			11/02/24 18:39	1
Carbon disulfide	ND		1.0	0.59	ug/L			11/02/24 18:39	1
Carbon tetrachloride	ND		1.0	0.26	ug/L			11/02/24 18:39	1
Chlorobenzene	ND		1.0	0.38	ug/L			11/02/24 18:39	1
Chloroethane	ND		1.0	0.83	ug/L			11/02/24 18:39	1
Chloroform	ND		1.0	0.47	ug/L			11/02/24 18:39	1
Chloromethane	ND		1.0	0.63	ug/L			11/02/24 18:39	1
cis-1,2-Dichloroethene	ND		1.0	0.46	ug/L			11/02/24 18:39	1
cis-1,3-Dichloropropene	ND		1.0	0.61	ug/L			11/02/24 18:39	1
Cyclohexane	ND		1.0	0.48	ug/L			11/02/24 18:39	1
Chlorodibromomethane	ND		1.0	0.39	ug/L			11/02/24 18:39	1
Dichlorodifluoromethane	ND		1.0	0.35	ug/L			11/02/24 18:39	1
Ethylbenzene	ND		1.0	0.42	ug/L			11/02/24 18:39	1
Isopropylbenzene	ND		1.0	0.49	ug/L			11/02/24 18:39	1
Methyl acetate	ND		10	1.7	ug/L			11/02/24 18:39	1
Methyl tert-butyl ether	ND		1.0	0.47	ug/L			11/02/24 18:39	1
Methylcyclohexane	ND		1.0	0.33	ug/L			11/02/24 18:39	1
Methylene Chloride	ND		5.0	2.6	ug/L			11/02/24 18:39	1
Styrene	ND		1.0	0.45	ug/L			11/02/24 18:39	1
Tetrachloroethene	ND		1.0	0.44	ug/L			11/02/24 18:39	1
Toluene	ND		1.0	0.44	ug/L			11/02/24 18:39	1
trans-1,2-Dichloroethene	ND		1.0	0.51	ug/L			11/02/24 18:39	1
trans-1,3-Dichloropropene	ND		1.0	0.67	ug/L			11/02/24 18:39	1
Trichloroethene	ND		1.0	0.44	ug/L			11/02/24 18:39	1
Trichlorofluoromethane	ND		1.0	0.45	ug/L			11/02/24 18:39	1
Vinyl chloride	ND		1.0	0.45	ug/L			11/02/24 18:39	1
Xylenes, Total	ND		2.0	0.42	ug/L			11/02/24 18:39	1

Client: August Mack Environmental, Inc.
Project/Site: MSC Canfield

Job ID: 240-213767-1

Client Sample ID: SB-36-SW
Date Collected: 10/25/24 14:05
Date Received: 10/25/24 16:53

Lab Sample ID: 240-213767-2
Matrix: Water

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
Toluene-d8 (Surr)	*82*		*78 - 122*		*11/02/24 18:39*	*1*
Dibromofluoromethane (Surr)	*109*		*73 - 120*		*11/02/24 18:39*	*1*
4-Bromofluorobenzene (Surr)	*69*		*56 - 136*		*11/02/24 18:39*	*1*
1,2-Dichloroethane-d4 (Surr)	*108*		*62 - 137*		*11/02/24 18:39*	*1*

Method: SW846 8270E - Semivolatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1'-Biphenyl	ND		0.96	0.47	ug/L		10/28/24 08:08	11/07/24 14:47	1
bis (2-chloroisopropyl) ether	ND		0.96	0.23	ug/L		10/28/24 08:08	11/07/24 14:47	1
2,4,5-Trichlorophenol	ND		4.8	1.9	ug/L		10/28/24 08:08	11/07/24 14:47	1
2,4,6-Trichlorophenol	ND		4.8	1.7	ug/L		10/28/24 08:08	11/07/24 14:47	1
2,4-Dichlorophenol	ND		1.9	0.25	ug/L		10/28/24 08:08	11/07/24 14:47	1
2,4-Dimethylphenol	ND		1.9	0.24	ug/L		10/28/24 08:08	11/07/24 14:47	1
2,4-Dinitrophenol	ND		9.6	2.5	ug/L		10/28/24 08:08	11/07/24 14:47	1
2,4-Dinitrotoluene	ND		4.8	2.0	ug/L		10/28/24 08:08	11/07/24 14:47	1
2,6-Dinitrotoluene	ND		4.8	1.0	ug/L		10/28/24 08:08	11/07/24 14:47	1
2-Chloronaphthalene	ND		0.96	0.22	ug/L		10/28/24 08:08	11/07/24 14:47	1
2-Chlorophenol	ND		0.96	0.26	ug/L		10/28/24 08:08	11/07/24 14:47	1
2-Methylnaphthalene	ND		0.19	0.11	ug/L		10/28/24 08:08	11/07/24 14:47	1
2-Methylphenol	ND		0.96	0.20	ug/L		10/28/24 08:08	11/07/24 14:47	1
2-Nitroaniline	ND		1.9	0.49	ug/L		10/28/24 08:08	11/07/24 14:47	1
2-Nitrophenol	ND		1.9	0.54	ug/L		10/28/24 08:08	11/07/24 14:47	1
3,3'-Dichlorobenzidine	ND		4.8	1.1	ug/L		10/28/24 08:08	11/07/24 14:47	1
3-Nitroaniline	ND		1.9	0.54	ug/L		10/28/24 08:08	11/07/24 14:47	1
4,6-Dinitro-2-methylphenol	ND		4.8	2.7	ug/L		10/28/24 08:08	11/07/24 14:47	1
4-Bromophenyl phenyl ether	ND		1.9	0.48	ug/L		10/28/24 08:08	11/07/24 14:47	1
4-Chloro-3-methylphenol	ND		1.9	0.28	ug/L		10/28/24 08:08	11/07/24 14:47	1
4-Chloroaniline	ND		1.9	0.30	ug/L		10/28/24 08:08	11/07/24 14:47	1
4-Chlorophenyl phenyl ether	ND		1.9	0.53	ug/L		10/28/24 08:08	11/07/24 14:47	1
4-Nitroaniline	ND		1.9	0.31	ug/L		10/28/24 08:08	11/07/24 14:47	1
4-Nitrophenol	ND		9.6	2.1	ug/L		10/28/24 08:08	11/07/24 14:47	1
Acenaphthene	ND		0.19	0.17	ug/L		10/28/24 08:08	11/07/24 14:47	1
Acenaphthylene	ND		0.19	0.12	ug/L		10/28/24 08:08	11/07/24 14:47	1
Acetophenone	ND		0.96	0.35	ug/L		10/28/24 08:08	11/07/24 14:47	1
Anthracene	ND		0.19	0.13	ug/L		10/28/24 08:08	11/07/24 14:47	1
Atrazine	ND		1.9	0.92	ug/L		10/28/24 08:08	11/07/24 14:47	1
Benzaldehyde	ND		1.9	0.73	ug/L		10/28/24 08:08	11/07/24 14:47	1
Benzo[a]anthracene	ND		0.19	0.065	ug/L		10/28/24 08:08	11/07/24 14:47	1
Benzo[a]pyrene	ND		0.19	0.17	ug/L		10/28/24 08:08	11/07/24 14:47	1
Benzo[b]fluoranthene	ND		0.19	0.15	ug/L		10/28/24 08:08	11/07/24 14:47	1
Benzo[g,h,i]perylene	ND		0.19	0.17	ug/L		10/28/24 08:08	11/07/24 14:47	1
Benzo[k]fluoranthene	ND		0.19	0.13	ug/L		10/28/24 08:08	11/07/24 14:47	1
Bis(2-chloroethoxy)methane	ND		0.96	0.21	ug/L		10/28/24 08:08	11/07/24 14:47	1
Bis(2-chloroethyl)ether	ND		0.96	0.39	ug/L		10/28/24 08:08	11/07/24 14:47	1
Bis(2-ethylhexyl) phthalate	ND		4.8	2.1	ug/L		10/28/24 08:08	11/07/24 14:47	1
Butyl benzyl phthalate	ND		1.9	0.64	ug/L		10/28/24 08:08	11/07/24 14:47	1
Caprolactam	ND		4.8	3.7	ug/L		10/28/24 08:08	11/07/24 14:47	1
Carbazole	ND		0.96	0.47	ug/L		10/28/24 08:08	11/07/24 14:47	1
Chrysene	ND		0.19	0.063	ug/L		10/28/24 08:08	11/07/24 14:47	1
Dibenz(a,h)anthracene	ND		0.19	0.15	ug/L		10/28/24 08:08	11/07/24 14:47	1

Client Sample ID: SB-36-SW
Date Collected: 10/25/24 14:05
Date Received: 10/25/24 16:53

Lab Sample ID: 240-213767-2
Matrix: Water

Method: SW846 8270E - Semivolatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Dibenzofuran	ND		0.96	0.26	ug/L		10/28/24 08:08	11/07/24 14:47	1
Diethyl phthalate	ND		4.8	0.39	ug/L		10/28/24 08:08	11/07/24 14:47	1
Dimethyl phthalate	ND		1.9	0.50	ug/L		10/28/24 08:08	11/07/24 14:47	1
Di-n-butyl phthalate	ND		4.8	1.7	ug/L		10/28/24 08:08	11/07/24 14:47	1
Di-n-octyl phthalate	ND		1.9	0.79	ug/L		10/28/24 08:08	11/07/24 14:47	1
Fluoranthene	ND		0.19	0.15	ug/L		10/28/24 08:08	11/07/24 14:47	1
Fluorene	ND		0.19	0.076	ug/L		10/28/24 08:08	11/07/24 14:47	1
Hexachlorobenzene	ND		0.19	0.15	ug/L		10/28/24 08:08	11/07/24 14:47	1
Hexachlorobutadiene	ND		0.96	0.52	ug/L		10/28/24 08:08	11/07/24 14:47	1
Hexachlorocyclopentadiene	ND		9.6	1.7	ug/L		10/28/24 08:08	11/07/24 14:47	1
Hexachloroethane	ND		0.96	0.38	ug/L		10/28/24 08:08	11/07/24 14:47	1
Indeno[1,2,3-cd]pyrene	ND		0.19	0.13	ug/L		10/28/24 08:08	11/07/24 14:47	1
Isophorone	ND		0.96	0.31	ug/L		10/28/24 08:08	11/07/24 14:47	1
N-Nitrosodi-n-propylamine	ND		0.96	0.24	ug/L		10/28/24 08:08	11/07/24 14:47	1
N-Nitrosodiphenylamine	ND		0.96	0.42	ug/L		10/28/24 08:08	11/07/24 14:47	1
Naphthalene	**0.10**	**J**	0.19	0.10	ug/L		10/28/24 08:08	11/07/24 14:47	1
Nitrobenzene	ND		0.96	0.49	ug/L		10/28/24 08:08	11/07/24 14:47	1
Pentachlorophenol	ND		9.6	3.0	ug/L		10/28/24 08:08	11/07/24 14:47	1
Phenanthrene	ND		0.19	0.077	ug/L		10/28/24 08:08	11/07/24 14:47	1
Phenol	ND		0.96	0.39	ug/L		10/28/24 08:08	11/07/24 14:47	1
Pyrene	ND		0.19	0.080	ug/L		10/28/24 08:08	11/07/24 14:47	1
3 & 4 Methylphenol	ND		1.9	0.18	ug/L		10/28/24 08:08	11/07/24 14:47	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Terphenyl-d14 (Surr)	*69*		*43 - 136*	*10/28/24 08:08*	*11/07/24 14:47*	*1*
Phenol-d5 (Surr)	*67*		*10 - 120*	*10/28/24 08:08*	*11/07/24 14:47*	*1*
Nitrobenzene-d5 (Surr)	*75*		*40 - 120*	*10/28/24 08:08*	*11/07/24 14:47*	*1*
2-Fluorophenol (Surr)	*80*		*10 - 127*	*10/28/24 08:08*	*11/07/24 14:47*	*1*
2-Fluorobiphenyl (Surr)	*73*		*41 - 120*	*10/28/24 08:08*	*11/07/24 14:47*	*1*
2,4,6-Tribromophenol (Surr)	*91*		*23 - 127*	*10/28/24 08:08*	*11/07/24 14:47*	*1*

Method: SW846 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aroclor-1016	ND		0.098	0.055	ug/L		10/29/24 08:28	10/31/24 01:26	1
Aroclor-1221	ND		0.098	0.056	ug/L		10/29/24 08:28	10/31/24 01:26	1
Aroclor-1232	ND		0.098	0.073	ug/L		10/29/24 08:28	10/31/24 01:26	1
Aroclor-1242	ND		0.098	0.075	ug/L		10/29/24 08:28	10/31/24 01:26	1
Aroclor-1248	ND		0.098	0.049	ug/L		10/29/24 08:28	10/31/24 01:26	1
Aroclor-1254	ND		0.098	0.039	ug/L		10/29/24 08:28	10/31/24 01:26	1
Aroclor-1260	ND		0.098	0.045	ug/L		10/29/24 08:28	10/31/24 01:26	1
Aroclor-1262	ND		0.098	0.057	ug/L		10/29/24 08:28	10/31/24 01:26	1
Aroclor-1268	ND		0.098	0.061	ug/L		10/29/24 08:28	10/31/24 01:26	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Tetrachloro-m-xylene	*58*		*10 - 149*	*10/29/24 08:28*	*10/31/24 01:26*	*1*
DCB Decachlorobiphenyl	*39*		*10 - 174*	*10/29/24 08:28*	*10/31/24 01:26*	*1*

Method: SW846 6010D - Metals (ICP) - Total Recoverable

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	**4.2**	**J**	15	4.1	ug/L		10/29/24 06:00	10/30/24 13:57	1

Client Sample ID: SB-36-SW
Date Collected: 10/25/24 14:05
Date Received: 10/25/24 16:53

Lab Sample ID: 240-213767-2
Matrix: Water

Method: SW846 6010D - Metals (ICP) - Total Recoverable (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Barium	**43**	**J**	200	1.3	ug/L		10/29/24 06:00	10/30/24 13:57	1
Cadmium	ND		5.0	0.45	ug/L		10/29/24 06:00	10/30/24 13:57	1
Chromium	**4.7**	**J**	10	0.76	ug/L		10/29/24 06:00	10/30/24 13:57	1
Copper	**3.9**	**J**	25	3.5	ug/L		10/29/24 06:00	10/30/24 13:57	1
Lead	**5.4**	**J**	10	2.8	ug/L		10/29/24 06:00	10/30/24 13:57	1
Selenium	ND		20	6.0	ug/L		10/29/24 06:00	10/30/24 13:57	1
Silver	ND		10	1.4	ug/L		10/29/24 06:00	10/30/24 13:57	1
Zinc	**2700**		50	23	ug/L		10/29/24 06:00	10/30/24 13:57	1

Method: SW846 6010D - Metals (ICP) - Dissolved

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	ND		15	4.1	ug/L		10/29/24 06:00	10/30/24 14:02	1
Barium	**30**	**J**	200	1.3	ug/L		10/29/24 06:00	10/30/24 14:02	1
Cadmium	ND		5.0	0.45	ug/L		10/29/24 06:00	10/30/24 14:02	1
Chromium	**2.9**	**J**	10	0.76	ug/L		10/29/24 06:00	10/30/24 14:02	1
Copper	ND		25	3.5	ug/L		10/29/24 06:00	10/30/24 14:02	1
Lead	ND		10	2.8	ug/L		10/29/24 06:00	10/30/24 14:02	1
Selenium	ND		20	6.0	ug/L		10/29/24 06:00	10/30/24 14:02	1
Silver	ND		10	1.4	ug/L		10/29/24 06:00	10/30/24 14:02	1
Zinc	**1200**		50	23	ug/L		10/29/24 06:00	10/30/24 14:02	1

Method: SW846 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	ND		0.20	0.13	ug/L		10/28/24 14:00	10/29/24 12:12	1

Method: SW846 7470A - Mercury (CVAA) - Dissolved

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	ND		0.20	0.13	ug/L		10/28/24 14:00	10/29/24 12:14	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chromium, hexavalent (SW846 7196A)	ND	H	0.020	0.0070	mg/L			11/02/24 10:40	1
Cyanide, Total (SW846 9012B)	**2.4**		0.25	0.15	mg/L		11/05/24 09:03	11/05/24 12:19	25
Cyanide, Free (OI CORP OIA-1677)	**0.13**		0.0060	0.0050	mg/L			11/07/24 14:15	1

General Chemistry - Dissolved

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chromium, hexavalent (SW846 7196A)	ND		0.020	0.0070	mg/L			10/26/24 10:30	1

Client: August Mack Environmental, Inc.
Project/Site: MSC Canfield

Job ID: 240-213767-1

Client Sample ID: TB-1-20241025
Date Collected: 10/25/24 00:00
Date Received: 10/25/24 16:53

Lab Sample ID: 240-213767-3
Matrix: Water

Method: SW846 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		1.0	0.48	ug/L			11/02/24 18:59	1
1,1,2,2-Tetrachloroethane	ND		1.0	0.60	ug/L			11/02/24 18:59	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		1.0	0.41	ug/L			11/02/24 18:59	1
1,1,2-Trichloroethane	ND		1.0	0.48	ug/L			11/02/24 18:59	1
1,1-Dichloroethane	ND		1.0	0.47	ug/L			11/02/24 18:59	1
1,1-Dichloroethene	ND		1.0	0.49	ug/L			11/02/24 18:59	1
1,2,4-Trichlorobenzene	ND		1.0	0.77	ug/L			11/02/24 18:59	1
1,2-Dibromo-3-Chloropropane	ND		2.0	0.91	ug/L			11/02/24 18:59	1
Ethylene Dibromide	ND		1.0	0.41	ug/L			11/02/24 18:59	1
1,2-Dichlorobenzene	ND		1.0	0.48	ug/L			11/02/24 18:59	1
1,2-Dichloroethane	ND		1.0	0.46	ug/L			11/02/24 18:59	1
1,2-Dichloropropane	ND		1.0	0.47	ug/L			11/02/24 18:59	1
1,3-Dichlorobenzene	ND		1.0	0.45	ug/L			11/02/24 18:59	1
1,4-Dichlorobenzene	ND		1.0	0.41	ug/L			11/02/24 18:59	1
2-Butanone (MEK)	ND		10	1.2	ug/L			11/02/24 18:59	1
2-Hexanone	ND		10	1.1	ug/L			11/02/24 18:59	1
4-Methyl-2-pentanone (MIBK)	ND		10	0.99	ug/L			11/02/24 18:59	1
Acetone	ND		10	5.4	ug/L			11/02/24 18:59	1
Benzene	ND		1.0	0.42	ug/L			11/02/24 18:59	1
Dichlorobromomethane	ND		1.0	0.38	ug/L			11/02/24 18:59	1
Bromoform	ND		1.0	0.76	ug/L			11/02/24 18:59	1
Bromomethane	ND		1.0	0.42	ug/L			11/02/24 18:59	1
Carbon disulfide	ND		1.0	0.59	ug/L			11/02/24 18:59	1
Carbon tetrachloride	ND		1.0	0.26	ug/L			11/02/24 18:59	1
Chlorobenzene	ND		1.0	0.38	ug/L			11/02/24 18:59	1
Chloroethane	ND		1.0	0.83	ug/L			11/02/24 18:59	1
Chloroform	ND		1.0	0.47	ug/L			11/02/24 18:59	1
Chloromethane	ND		1.0	0.63	ug/L			11/02/24 18:59	1
cis-1,2-Dichloroethene	ND		1.0	0.46	ug/L			11/02/24 18:59	1
cis-1,3-Dichloropropene	ND		1.0	0.61	ug/L			11/02/24 18:59	1
Cyclohexane	ND		1.0	0.48	ug/L			11/02/24 18:59	1
Chlorodibromomethane	ND		1.0	0.39	ug/L			11/02/24 18:59	1
Dichlorodifluoromethane	ND		1.0	0.35	ug/L			11/02/24 18:59	1
Ethylbenzene	ND		1.0	0.42	ug/L			11/02/24 18:59	1
Isopropylbenzene	ND		1.0	0.49	ug/L			11/02/24 18:59	1
Methyl acetate	ND		10	1.7	ug/L			11/02/24 18:59	1
Methyl tert-butyl ether	ND		1.0	0.47	ug/L			11/02/24 18:59	1
Methylcyclohexane	ND		1.0	0.33	ug/L			11/02/24 18:59	1
Methylene Chloride	ND		5.0	2.6	ug/L			11/02/24 18:59	1
Styrene	ND		1.0	0.45	ug/L			11/02/24 18:59	1
Tetrachloroethene	ND		1.0	0.44	ug/L			11/02/24 18:59	1
Toluene	ND		1.0	0.44	ug/L			11/02/24 18:59	1
trans-1,2-Dichloroethene	ND		1.0	0.51	ug/L			11/02/24 18:59	1
trans-1,3-Dichloropropene	ND		1.0	0.67	ug/L			11/02/24 18:59	1
Trichloroethene	ND		1.0	0.44	ug/L			11/02/24 18:59	1
Trichlorofluoromethane	ND		1.0	0.45	ug/L			11/02/24 18:59	1
Vinyl chloride	ND		1.0	0.45	ug/L			11/02/24 18:59	1
Xylenes, Total	ND		2.0	0.42	ug/L			11/02/24 18:59	1

Client: August Mack Environmental, Inc.
Project/Site: MSC Canfield

Job ID: 240-213767-1

Client Sample ID: TB-1-20241025
Date Collected: 10/25/24 00:00
Date Received: 10/25/24 16:53

Lab Sample ID: 240-213767-3
Matrix: Water

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
Toluene-d8 (Surr)	95		78 - 122		11/02/24 18:59	1
Dibromofluoromethane (Surr)	116		73 - 120		11/02/24 18:59	1
4-Bromofluorobenzene (Surr)	81		56 - 136		11/02/24 18:59	1
1,2-Dichloroethane-d4 (Surr)	114		62 - 137		11/02/24 18:59	1

Surrogate Summary

Client: August Mack Environmental, Inc.
Project/Site: MSC Canfield

Job ID: 240-213767-1

Method: 8260D - Volatile Organic Compounds by GC/MS

Matrix: Water

Prep Type: Total/NA

		Percent Surrogate Recovery (Acceptance Limits)			
		TOL	DBFM	BFB	DCA
Lab Sample ID	Client Sample ID	(78-122)	(73-120)	(56-136)	(62-137)
240-213767-1	SB-29-SW	88	117	78	117
240-213767-2	SB-36-SW	82	109	69	108
240-213767-3	TB-1-20241025	95	116	81	114
LCS 240-633596/4	Lab Control Sample	89	99	81	94
LCS 240-633652/4	Lab Control Sample	101	108	96	102
MB 240-633596/7	Method Blank	87	105	73	103
MB 240-633652/7	Method Blank	91	106	79	104

Surrogate Legend

TOL = Toluene-d8 (Surr)
DBFM = Dibromofluoromethane (Surr)
BFB = 4-Bromofluorobenzene (Surr)
DCA = 1,2-Dichloroethane-d4 (Surr)

Method: 8270E - Semivolatile Organic Compounds (GC/MS)

Matrix: Water

Prep Type: Total/NA

		Percent Surrogate Recovery (Acceptance Limits)					
		TPHL	PHL	NBZ	2FP	FBP	TBP
Lab Sample ID	Client Sample ID	(43-136)	(10-120)	(40-120)	(10-127)	(41-120)	(23-127)
240-213767-1	SB-29-SW	75	91	84	93	82	106
240-213767-2	SB-36-SW	69	67	75	80	73	91
LCS 240-632659/2-A	Lab Control Sample	76	62	80	100	76	96
MB 240-632659/1-A	Method Blank	80	58	80	68	75	77

Surrogate Legend

TPHL = Terphenyl-d14 (Surr)
PHL = Phenol-d5 (Surr)
NBZ = Nitrobenzene-d5 (Surr)
2FP = 2-Fluorophenol (Surr)
FBP = 2-Fluorobiphenyl (Surr)
TBP = 2,4,6-Tribromophenol (Surr)

Method: 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Matrix: Water

Prep Type: Total/NA

		Percent Surrogate Recovery (Acceptance Limits)	
		TCX2	DCBP2
Lab Sample ID	Client Sample ID	(10-149)	(10-174)
240-213767-1	SB-29-SW	57	53
240-213767-2	SB-36-SW	58	39
LCS 240-632887/2-A	Lab Control Sample	81	76
MB 240-632887/1-A	Method Blank	78	95

Surrogate Legend

TCX = Tetrachloro-m-xylene
DCBP = DCB Decachlorobiphenyl

Client: August Mack Environmental, Inc.
Project/Site: MSC Canfield

Job ID: 240-213767-1

Method: 8260D - Volatile Organic Compounds by GC/MS

Lab Sample ID: MB 240-633596/7
Matrix: Water
Analysis Batch: 633596

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		1.0	0.48	ug/L			11/01/24 23:05	1
1,1,2,2-Tetrachloroethane	ND		1.0	0.60	ug/L			11/01/24 23:05	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		1.0	0.41	ug/L			11/01/24 23:05	1
1,1,2-Trichloroethane	ND		1.0	0.48	ug/L			11/01/24 23:05	1
1,1-Dichloroethane	ND		1.0	0.47	ug/L			11/01/24 23:05	1
1,1-Dichloroethene	ND		1.0	0.49	ug/L			11/01/24 23:05	1
1,2,4-Trichlorobenzene	ND		1.0	0.77	ug/L			11/01/24 23:05	1
1,2-Dibromo-3-Chloropropane	ND		2.0	0.91	ug/L			11/01/24 23:05	1
Ethylene Dibromide	ND		1.0	0.41	ug/L			11/01/24 23:05	1
1,2-Dichlorobenzene	ND		1.0	0.48	ug/L			11/01/24 23:05	1
1,2-Dichloroethane	ND		1.0	0.46	ug/L			11/01/24 23:05	1
1,2-Dichloropropane	ND		1.0	0.47	ug/L			11/01/24 23:05	1
1,3-Dichlorobenzene	ND		1.0	0.45	ug/L			11/01/24 23:05	1
1,4-Dichlorobenzene	ND		1.0	0.41	ug/L			11/01/24 23:05	1
2-Butanone (MEK)	ND		10	1.2	ug/L			11/01/24 23:05	1
2-Hexanone	ND		10	1.1	ug/L			11/01/24 23:05	1
4-Methyl-2-pentanone (MIBK)	ND		10	0.99	ug/L			11/01/24 23:05	1
Acetone	ND		10	5.4	ug/L			11/01/24 23:05	1
Benzene	ND		1.0	0.42	ug/L			11/01/24 23:05	1
Dichlorobromomethane	ND		1.0	0.38	ug/L			11/01/24 23:05	1
Bromoform	ND		1.0	0.76	ug/L			11/01/24 23:05	1
Bromomethane	ND		1.0	0.42	ug/L			11/01/24 23:05	1
Carbon disulfide	ND		1.0	0.59	ug/L			11/01/24 23:05	1
Carbon tetrachloride	ND		1.0	0.26	ug/L			11/01/24 23:05	1
Chlorobenzene	ND		1.0	0.38	ug/L			11/01/24 23:05	1
Chloroethane	ND		1.0	0.83	ug/L			11/01/24 23:05	1
Chloroform	ND		1.0	0.47	ug/L			11/01/24 23:05	1
Chloromethane	ND		1.0	0.63	ug/L			11/01/24 23:05	1
cis-1,2-Dichloroethene	ND		1.0	0.46	ug/L			11/01/24 23:05	1
cis-1,3-Dichloropropene	ND		1.0	0.61	ug/L			11/01/24 23:05	1
Cyclohexane	ND		1.0	0.48	ug/L			11/01/24 23:05	1
Chlorodibromomethane	ND		1.0	0.39	ug/L			11/01/24 23:05	1
Dichlorodifluoromethane	ND		1.0	0.35	ug/L			11/01/24 23:05	1
Ethylbenzene	ND		1.0	0.42	ug/L			11/01/24 23:05	1
Isopropylbenzene	ND		1.0	0.49	ug/L			11/01/24 23:05	1
Methyl acetate	ND		10	1.7	ug/L			11/01/24 23:05	1
Methyl tert-butyl ether	ND		1.0	0.47	ug/L			11/01/24 23:05	1
Methylcyclohexane	ND		1.0	0.33	ug/L			11/01/24 23:05	1
Methylene Chloride	ND		5.0	2.6	ug/L			11/01/24 23:05	1
Styrene	ND		1.0	0.45	ug/L			11/01/24 23:05	1
Tetrachloroethene	ND		1.0	0.44	ug/L			11/01/24 23:05	1
Toluene	ND		1.0	0.44	ug/L			11/01/24 23:05	1
trans-1,2-Dichloroethene	ND		1.0	0.51	ug/L			11/01/24 23:05	1
trans-1,3-Dichloropropene	ND		1.0	0.67	ug/L			11/01/24 23:05	1
Trichloroethene	ND		1.0	0.44	ug/L			11/01/24 23:05	1
Trichlorofluoromethane	ND		1.0	0.45	ug/L			11/01/24 23:05	1
Vinyl chloride	ND		1.0	0.45	ug/L			11/01/24 23:05	1
Xylenes, Total	ND		2.0	0.42	ug/L			11/01/24 23:05	1

Method: 8260D - Volatile Organic Compounds by GC/MS (Continued)

Lab Sample ID: MB 240-633596/7
Matrix: Water
Analysis Batch: 633596

Client Sample ID: Method Blank
Prep Type: Total/NA

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
Toluene-d8 (Surr)	*87*		*78 - 122*		*11/01/24 23:05*	*1*
Dibromofluoromethane (Surr)	*105*		*73 - 120*		*11/01/24 23:05*	*1*
4-Bromofluorobenzene (Surr)	*73*		*56 - 136*		*11/01/24 23:05*	*1*
1,2-Dichloroethane-d4 (Surr)	*103*		*62 - 137*		*11/01/24 23:05*	*1*

Lab Sample ID: LCS 240-633596/4
Matrix: Water
Analysis Batch: 633596

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
1,1,1-Trichloroethane	25.0	24.1		ug/L		96	64 - 131
1,1,2,2-Tetrachloroethane	25.0	21.7		ug/L		87	58 - 157
1,1,2-Trichloro-1,2,2-trifluoroethane	25.0	27.8		ug/L		111	51 - 146
1,1,2-Trichloroethane	25.0	24.4		ug/L		97	70 - 138
1,1-Dichloroethane	25.0	26.4		ug/L		106	72 - 127
1,1-Dichloroethene	25.0	26.5		ug/L		106	63 - 134
1,2,4-Trichlorobenzene	25.0	20.8		ug/L		83	44 - 147
1,2-Dibromo-3-Chloropropane	25.0	18.9		ug/L		76	53 - 135
Ethylene Dibromide	25.0	24.0		ug/L		96	71 - 134
1,2-Dichlorobenzene	25.0	23.9		ug/L		95	78 - 120
1,2-Dichloroethane	25.0	25.1		ug/L		100	66 - 128
1,2-Dichloropropane	25.0	23.0		ug/L		92	75 - 133
1,3-Dichlorobenzene	25.0	23.1		ug/L		92	80 - 120
1,4-Dichlorobenzene	25.0	23.3		ug/L		93	80 - 120
2-Butanone (MEK)	50.0	37.3		ug/L		75	54 - 156
2-Hexanone	50.0	36.5		ug/L		73	43 - 167
4-Methyl-2-pentanone (MIBK)	50.0	36.7		ug/L		73	46 - 158
Acetone	50.0	47.2		ug/L		94	50 - 149
Benzene	25.0	26.5		ug/L		106	77 - 123
Dichlorobromomethane	25.0	24.3		ug/L		97	69 - 126
Bromoform	25.0	23.4		ug/L		94	57 - 129
Bromomethane	12.5	14.0		ug/L		112	36 - 142
Carbon disulfide	25.0	27.3		ug/L		109	43 - 140
Carbon tetrachloride	25.0	22.9		ug/L		92	55 - 137
Chlorobenzene	25.0	25.3		ug/L		101	80 - 121
Chloroethane	12.5	11.5		ug/L		92	38 - 152
Chloroform	25.0	25.7		ug/L		103	74 - 122
Chloromethane	12.5	10.4		ug/L		83	47 - 143
cis-1,2-Dichloroethene	25.0	25.9		ug/L		104	77 - 123
cis-1,3-Dichloropropene	25.0	21.5		ug/L		86	64 - 130
Cyclohexane	25.0	18.1		ug/L		72	58 - 146
Chlorodibromomethane	25.0	24.1		ug/L		96	70 - 124
Dichlorodifluoromethane	12.5	6.40		ug/L		51	34 - 153
Ethylbenzene	25.0	23.2		ug/L		93	80 - 121
Isopropylbenzene	25.0	22.9		ug/L		91	74 - 128
Methyl acetate	50.0	38.1		ug/L		76	42 - 169
Methyl tert-butyl ether	25.0	25.3		ug/L		101	65 - 126
Methylcyclohexane	25.0	18.2		ug/L		73	62 - 136

Method: 8260D - Volatile Organic Compounds by GC/MS (Continued)

Lab Sample ID: LCS 240-633596/4
Matrix: Water
Analysis Batch: 633596

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
Methylene Chloride			25.0	28.8		ug/L		115	71 - 125		
Styrene			25.0	24.2		ug/L		97	80 - 135		
Tetrachloroethene			25.0	23.7		ug/L		95	76 - 123		
Toluene			25.0	21.7		ug/L		87	80 - 123		
trans-1,2-Dichloroethene			25.0	26.5		ug/L		106	75 - 124		
trans-1,3-Dichloropropene			25.0	21.8		ug/L		87	57 - 129		
Trichloroethene			25.0	24.7		ug/L		99	70 - 122		
Trichlorofluoromethane			12.5	11.9		ug/L		95	30 - 170		
Vinyl chloride			12.5	10.2		ug/L		82	60 - 144		
Xylenes, Total			50.0	46.0		ug/L		92	80 - 121		
m-Xylene & p-Xylene			25.0	23.2		ug/L		93	80 - 120		
o-Xylene			25.0	22.8		ug/L		91	80 - 123		

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
Toluene-d8 (Surr)	*89*		*78 - 122*
Dibromofluoromethane (Surr)	*99*		*73 - 120*
4-Bromofluorobenzene (Surr)	*81*		*56 - 136*
1,2-Dichloroethane-d4 (Surr)	*94*		*62 - 137*

Lab Sample ID: MB 240-633652/7
Matrix: Water
Analysis Batch: 633652

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		1.0	0.48	ug/L			11/02/24 11:59	1
1,1,2,2-Tetrachloroethane	ND		1.0	0.60	ug/L			11/02/24 11:59	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		1.0	0.41	ug/L			11/02/24 11:59	1
1,1,2-Trichloroethane	ND		1.0	0.48	ug/L			11/02/24 11:59	1
1,1-Dichloroethane	ND		1.0	0.47	ug/L			11/02/24 11:59	1
1,1-Dichloroethene	ND		1.0	0.49	ug/L			11/02/24 11:59	1
1,2,4-Trichlorobenzene	ND		1.0	0.77	ug/L			11/02/24 11:59	1
1,2-Dibromo-3-Chloropropane	ND		2.0	0.91	ug/L			11/02/24 11:59	1
Ethylene Dibromide	ND		1.0	0.41	ug/L			11/02/24 11:59	1
1,2-Dichlorobenzene	ND		1.0	0.48	ug/L			11/02/24 11:59	1
1,2-Dichloroethane	ND		1.0	0.46	ug/L			11/02/24 11:59	1
1,2-Dichloropropane	ND		1.0	0.47	ug/L			11/02/24 11:59	1
1,3-Dichlorobenzene	ND		1.0	0.45	ug/L			11/02/24 11:59	1
1,4-Dichlorobenzene	ND		1.0	0.41	ug/L			11/02/24 11:59	1
2-Butanone (MEK)	ND		10	1.2	ug/L			11/02/24 11:59	1
2-Hexanone	ND		10	1.1	ug/L			11/02/24 11:59	1
4-Methyl-2-pentanone (MIBK)	ND		10	0.99	ug/L			11/02/24 11:59	1
Acetone	ND		10	5.4	ug/L			11/02/24 11:59	1
Benzene	ND		1.0	0.42	ug/L			11/02/24 11:59	1
Dichlorobromomethane	ND		1.0	0.38	ug/L			11/02/24 11:59	1
Bromoform	ND		1.0	0.76	ug/L			11/02/24 11:59	1
Bromomethane	ND		1.0	0.42	ug/L			11/02/24 11:59	1
Carbon disulfide	ND		1.0	0.59	ug/L			11/02/24 11:59	1
Carbon tetrachloride	ND		1.0	0.26	ug/L			11/02/24 11:59	1

Method: 8260D - Volatile Organic Compounds by GC/MS (Continued)

Lab Sample ID: MB 240-633652/7
Matrix: Water
Analysis Batch: 633652

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chlorobenzene	ND		1.0	0.38	ug/L			11/02/24 11:59	1
Chloroethane	ND		1.0	0.83	ug/L			11/02/24 11:59	1
Chloroform	ND		1.0	0.47	ug/L			11/02/24 11:59	1
Chloromethane	ND		1.0	0.63	ug/L			11/02/24 11:59	1
cis-1,2-Dichloroethene	ND		1.0	0.46	ug/L			11/02/24 11:59	1
cis-1,3-Dichloropropene	ND		1.0	0.61	ug/L			11/02/24 11:59	1
Cyclohexane	ND		1.0	0.48	ug/L			11/02/24 11:59	1
Chlorodibromomethane	ND		1.0	0.39	ug/L			11/02/24 11:59	1
Dichlorodifluoromethane	ND		1.0	0.35	ug/L			11/02/24 11:59	1
Ethylbenzene	ND		1.0	0.42	ug/L			11/02/24 11:59	1
Isopropylbenzene	ND		1.0	0.49	ug/L			11/02/24 11:59	1
Methyl acetate	ND		10	1.7	ug/L			11/02/24 11:59	1
Methyl tert-butyl ether	ND		1.0	0.47	ug/L			11/02/24 11:59	1
Methylcyclohexane	ND		1.0	0.33	ug/L			11/02/24 11:59	1
Methylene Chloride	ND		5.0	2.6	ug/L			11/02/24 11:59	1
Styrene	ND		1.0	0.45	ug/L			11/02/24 11:59	1
Tetrachloroethene	ND		1.0	0.44	ug/L			11/02/24 11:59	1
Toluene	ND		1.0	0.44	ug/L			11/02/24 11:59	1
trans-1,2-Dichloroethene	ND		1.0	0.51	ug/L			11/02/24 11:59	1
trans-1,3-Dichloropropene	ND		1.0	0.67	ug/L			11/02/24 11:59	1
Trichloroethene	ND		1.0	0.44	ug/L			11/02/24 11:59	1
Trichlorofluoromethane	ND		1.0	0.45	ug/L			11/02/24 11:59	1
Vinyl chloride	ND		1.0	0.45	ug/L			11/02/24 11:59	1
Xylenes, Total	ND		2.0	0.42	ug/L			11/02/24 11:59	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Toluene-d8 (Surr)	*91*		*78 - 122*		*11/02/24 11:59*	*1*
Dibromofluoromethane (Surr)	*106*		*73 - 120*		*11/02/24 11:59*	*1*
4-Bromofluorobenzene (Surr)	*79*		*56 - 136*		*11/02/24 11:59*	*1*
1,2-Dichloroethane-d4 (Surr)	*104*		*62 - 137*		*11/02/24 11:59*	*1*

Lab Sample ID: LCS 240-633652/4
Matrix: Water
Analysis Batch: 633652

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
1,1,1-Trichloroethane	25.0	25.4		ug/L		102	64 - 131
1,1,2,2-Tetrachloroethane	25.0	21.5		ug/L		86	58 - 157
1,1,2-Trichloro-1,2,2-trifluoroethane	25.0	26.3		ug/L		105	51 - 146
1,1,2-Trichloroethane	25.0	24.4		ug/L		98	70 - 138
1,1-Dichloroethane	25.0	26.7		ug/L		107	72 - 127
1,1-Dichloroethene	25.0	27.0		ug/L		108	63 - 134
1,2,4-Trichlorobenzene	25.0	22.3		ug/L		89	44 - 147
1,2-Dibromo-3-Chloropropane	25.0	18.8		ug/L		75	53 - 135
Ethylene Dibromide	25.0	23.8		ug/L		95	71 - 134
1,2-Dichlorobenzene	25.0	25.3		ug/L		101	78 - 120
1,2-Dichloroethane	25.0	24.4		ug/L		98	66 - 128
1,2-Dichloropropane	25.0	22.4		ug/L		90	75 - 133

Method: 8260D - Volatile Organic Compounds by GC/MS (Continued)

Lab Sample ID: LCS 240-633652/4
Matrix: Water
Analysis Batch: 633652

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
1,3-Dichlorobenzene	25.0	24.1		ug/L		96	80 - 120
1,4-Dichlorobenzene	25.0	24.6		ug/L		98	80 - 120
2-Butanone (MEK)	50.0	36.4		ug/L		73	54 - 156
2-Hexanone	50.0	35.9		ug/L		72	43 - 167
4-Methyl-2-pentanone (MIBK)	50.0	36.5		ug/L		73	46 - 158
Acetone	50.0	47.9		ug/L		96	50 - 149
Benzene	25.0	26.3		ug/L		105	77 - 123
Dichlorobromomethane	25.0	23.5		ug/L		94	69 - 126
Bromoform	25.0	24.5		ug/L		98	57 - 129
Bromomethane	12.5	13.5		ug/L		108	36 - 142
Carbon disulfide	25.0	29.0		ug/L		116	43 - 140
Carbon tetrachloride	25.0	24.1		ug/L		96	55 - 137
Chlorobenzene	25.0	26.7		ug/L		107	80 - 121
Chloroethane	12.5	12.8		ug/L		102	38 - 152
Chloroform	25.0	25.7		ug/L		103	74 - 122
Chloromethane	12.5	9.10		ug/L		73	47 - 143
cis-1,2-Dichloroethene	25.0	26.0		ug/L		104	77 - 123
cis-1,3-Dichloropropene	25.0	21.0		ug/L		84	64 - 130
Cyclohexane	25.0	18.0		ug/L		72	58 - 146
Chlorodibromomethane	25.0	23.5		ug/L		94	70 - 124
Dichlorodifluoromethane	12.5	6.24		ug/L		50	34 - 153
Ethylbenzene	25.0	25.1		ug/L		100	80 - 121
Isopropylbenzene	25.0	26.7		ug/L		107	74 - 128
Methyl acetate	50.0	37.0		ug/L		74	42 - 169
Methyl tert-butyl ether	25.0	26.4		ug/L		106	65 - 126
Methylcyclohexane	25.0	18.0		ug/L		72	62 - 136
Methylene Chloride	25.0	28.0		ug/L		112	71 - 125
Styrene	25.0	26.2		ug/L		105	80 - 135
Tetrachloroethene	25.0	27.1		ug/L		108	76 - 123
Toluene	25.0	23.2		ug/L		93	80 - 123
trans-1,2-Dichloroethene	25.0	27.3		ug/L		109	75 - 124
trans-1,3-Dichloropropene	25.0	22.3		ug/L		89	57 - 129
Trichloroethene	25.0	25.4		ug/L		102	70 - 122
Trichlorofluoromethane	12.5	14.7		ug/L		118	30 - 170
Vinyl chloride	12.5	9.28		ug/L		74	60 - 144
Xylenes, Total	50.0	50.4		ug/L		101	80 - 121
m-Xylene & p-Xylene	25.0	25.8		ug/L		103	80 - 120
o-Xylene	25.0	24.6		ug/L		99	80 - 123

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
Toluene-d8 (Surr)	*101*		*78 - 122*
Dibromofluoromethane (Surr)	*108*		*73 - 120*
4-Bromofluorobenzene (Surr)	*96*		*56 - 136*
1,2-Dichloroethane-d4 (Surr)	*102*		*62 - 137*

Method: 8270E - Semivolatile Organic Compounds (GC/MS)

Lab Sample ID: MB 240-632659/1-A
Matrix: Water
Analysis Batch: 634284

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 632659

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1'-Biphenyl	ND		1.0	0.49	ug/L		10/28/24 08:08	11/07/24 10:11	1
bis (2-chloroisopropyl) ether	ND		1.0	0.24	ug/L		10/28/24 08:08	11/07/24 10:11	1
2,4,5-Trichlorophenol	ND		5.0	2.0	ug/L		10/28/24 08:08	11/07/24 10:11	1
2,4,6-Trichlorophenol	ND		5.0	1.8	ug/L		10/28/24 08:08	11/07/24 10:11	1
2,4-Dichlorophenol	ND		2.0	0.26	ug/L		10/28/24 08:08	11/07/24 10:11	1
2,4-Dimethylphenol	ND		2.0	0.25	ug/L		10/28/24 08:08	11/07/24 10:11	1
2,4-Dinitrophenol	ND		10	2.6	ug/L		10/28/24 08:08	11/07/24 10:11	1
2,4-Dinitrotoluene	ND		5.0	2.1	ug/L		10/28/24 08:08	11/07/24 10:11	1
2,6-Dinitrotoluene	ND		5.0	1.1	ug/L		10/28/24 08:08	11/07/24 10:11	1
2-Chloronaphthalene	ND		1.0	0.23	ug/L		10/28/24 08:08	11/07/24 10:11	1
2-Chlorophenol	ND		1.0	0.27	ug/L		10/28/24 08:08	11/07/24 10:11	1
2-Methylnaphthalene	ND		0.20	0.11	ug/L		10/28/24 08:08	11/07/24 10:11	1
2-Methylphenol	ND		1.0	0.21	ug/L		10/28/24 08:08	11/07/24 10:11	1
2-Nitroaniline	ND		2.0	0.51	ug/L		10/28/24 08:08	11/07/24 10:11	1
2-Nitrophenol	ND		2.0	0.56	ug/L		10/28/24 08:08	11/07/24 10:11	1
3,3'-Dichlorobenzidine	ND		5.0	1.2	ug/L		10/28/24 08:08	11/07/24 10:11	1
3-Nitroaniline	ND		2.0	0.57	ug/L		10/28/24 08:08	11/07/24 10:11	1
4,6-Dinitro-2-methylphenol	ND		5.0	2.8	ug/L		10/28/24 08:08	11/07/24 10:11	1
4-Bromophenyl phenyl ether	ND		2.0	0.50	ug/L		10/28/24 08:08	11/07/24 10:11	1
4-Chloro-3-methylphenol	ND		2.0	0.30	ug/L		10/28/24 08:08	11/07/24 10:11	1
4-Chloroaniline	ND		2.0	0.32	ug/L		10/28/24 08:08	11/07/24 10:11	1
4-Chlorophenyl phenyl ether	ND		2.0	0.55	ug/L		10/28/24 08:08	11/07/24 10:11	1
4-Nitroaniline	ND		2.0	0.33	ug/L		10/28/24 08:08	11/07/24 10:11	1
4-Nitrophenol	ND		10	2.2	ug/L		10/28/24 08:08	11/07/24 10:11	1
Acenaphthene	ND		0.20	0.17	ug/L		10/28/24 08:08	11/07/24 10:11	1
Acenaphthylene	ND		0.20	0.13	ug/L		10/28/24 08:08	11/07/24 10:11	1
Acetophenone	ND		1.0	0.37	ug/L		10/28/24 08:08	11/07/24 10:11	1
Anthracene	ND		0.20	0.14	ug/L		10/28/24 08:08	11/07/24 10:11	1
Atrazine	ND		2.0	0.95	ug/L		10/28/24 08:08	11/07/24 10:11	1
Benzaldehyde	ND		2.0	0.76	ug/L		10/28/24 08:08	11/07/24 10:11	1
Benzo[a]anthracene	ND		0.20	0.068	ug/L		10/28/24 08:08	11/07/24 10:11	1
Benzo[a]pyrene	ND		0.20	0.17	ug/L		10/28/24 08:08	11/07/24 10:11	1
Benzo[b]fluoranthene	ND		0.20	0.15	ug/L		10/28/24 08:08	11/07/24 10:11	1
Benzo[g,h,i]perylene	ND		0.20	0.18	ug/L		10/28/24 08:08	11/07/24 10:11	1
Benzo[k]fluoranthene	ND		0.20	0.14	ug/L		10/28/24 08:08	11/07/24 10:11	1
Bis(2-chloroethoxy)methane	ND		1.0	0.22	ug/L		10/28/24 08:08	11/07/24 10:11	1
Bis(2-chloroethyl)ether	ND		1.0	0.40	ug/L		10/28/24 08:08	11/07/24 10:11	1
Bis(2-ethylhexyl) phthalate	ND		5.0	2.2	ug/L		10/28/24 08:08	11/07/24 10:11	1
Butyl benzyl phthalate	ND		2.0	0.67	ug/L		10/28/24 08:08	11/07/24 10:11	1
Caprolactam	ND		5.0	3.8	ug/L		10/28/24 08:08	11/07/24 10:11	1
Carbazole	ND		1.0	0.49	ug/L		10/28/24 08:08	11/07/24 10:11	1
Chrysene	ND		0.20	0.066	ug/L		10/28/24 08:08	11/07/24 10:11	1
Dibenz(a,h)anthracene	ND		0.20	0.15	ug/L		10/28/24 08:08	11/07/24 10:11	1
Dibenzofuran	ND		1.0	0.27	ug/L		10/28/24 08:08	11/07/24 10:11	1
Diethyl phthalate	ND		5.0	0.41	ug/L		10/28/24 08:08	11/07/24 10:11	1
Dimethyl phthalate	ND		2.0	0.52	ug/L		10/28/24 08:08	11/07/24 10:11	1
Di-n-butyl phthalate	ND		5.0	1.8	ug/L		10/28/24 08:08	11/07/24 10:11	1
Di-n-octyl phthalate	ND		2.0	0.82	ug/L		10/28/24 08:08	11/07/24 10:11	1

Method: 8270E - Semivolatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: MB 240-632659/1-A
Matrix: Water
Analysis Batch: 634284

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 632659

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Fluoranthene	ND		0.20	0.16	ug/L		10/28/24 08:08	11/07/24 10:11	1
Fluorene	ND		0.20	0.079	ug/L		10/28/24 08:08	11/07/24 10:11	1
Hexachlorobenzene	ND		0.20	0.16	ug/L		10/28/24 08:08	11/07/24 10:11	1
Hexachlorobutadiene	ND		1.0	0.54	ug/L		10/28/24 08:08	11/07/24 10:11	1
Hexachlorocyclopentadiene	ND		10	1.8	ug/L		10/28/24 08:08	11/07/24 10:11	1
Hexachloroethane	ND		1.0	0.40	ug/L		10/28/24 08:08	11/07/24 10:11	1
Indeno[1,2,3-cd]pyrene	ND		0.20	0.14	ug/L		10/28/24 08:08	11/07/24 10:11	1
Isophorone	ND		1.0	0.32	ug/L		10/28/24 08:08	11/07/24 10:11	1
N-Nitrosodi-n-propylamine	ND		1.0	0.25	ug/L		10/28/24 08:08	11/07/24 10:11	1
N-Nitrosodiphenylamine	ND		1.0	0.44	ug/L		10/28/24 08:08	11/07/24 10:11	1
Naphthalene	ND		0.20	0.11	ug/L		10/28/24 08:08	11/07/24 10:11	1
Nitrobenzene	ND		1.0	0.51	ug/L		10/28/24 08:08	11/07/24 10:11	1
Pentachlorophenol	ND		10	3.1	ug/L		10/28/24 08:08	11/07/24 10:11	1
Phenanthrene	ND		0.20	0.080	ug/L		10/28/24 08:08	11/07/24 10:11	1
Phenol	ND		1.0	0.40	ug/L		10/28/24 08:08	11/07/24 10:11	1
Pyrene	ND		0.20	0.083	ug/L		10/28/24 08:08	11/07/24 10:11	1
3 & 4 Methylphenol	ND		2.0	0.19	ug/L		10/28/24 08:08	11/07/24 10:11	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Terphenyl-d14 (Surr)	*80*		*43 - 136*	*10/28/24 08:08*	*11/07/24 10:11*	*1*
Phenol-d5 (Surr)	*58*		*10 - 120*	*10/28/24 08:08*	*11/07/24 10:11*	*1*
Nitrobenzene-d5 (Surr)	*80*		*40 - 120*	*10/28/24 08:08*	*11/07/24 10:11*	*1*
2-Fluorophenol (Surr)	*68*		*10 - 127*	*10/28/24 08:08*	*11/07/24 10:11*	*1*
2-Fluorobiphenyl (Surr)	*75*		*41 - 120*	*10/28/24 08:08*	*11/07/24 10:11*	*1*
2,4,6-Tribromophenol (Surr)	*77*		*23 - 127*	*10/28/24 08:08*	*11/07/24 10:11*	*1*

Lab Sample ID: LCS 240-632659/2-A
Matrix: Water
Analysis Batch: 634284

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 632659

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
1,1'-Biphenyl	32.0	25.6		ug/L		80	48 - 120
bis (2-chloroisopropyl) ether	32.0	21.1		ug/L		66	34 - 126
2,4,5-Trichlorophenol	32.0	30.5		ug/L		95	51 - 129
2,4,6-Trichlorophenol	32.0	28.4		ug/L		89	51 - 128
2,4-Dichlorophenol	32.0	31.3		ug/L		98	57 - 122
2,4-Dimethylphenol	32.0	15.0		ug/L		47	33 - 120
2,4-Dinitrophenol	64.0	56.9		ug/L		89	27 - 126
2,4-Dinitrotoluene	32.0	34.0		ug/L		106	55 - 131
2,6-Dinitrotoluene	32.0	32.5		ug/L		102	54 - 134
2-Chloronaphthalene	32.0	25.9		ug/L		81	50 - 120
2-Chlorophenol	32.0	30.7		ug/L		96	57 - 120
2-Methylnaphthalene	32.0	24.4		ug/L		76	47 - 120
2-Methylphenol	32.0	25.6		ug/L		80	47 - 120
2-Nitroaniline	32.0	32.5		ug/L		102	51 - 138
2-Nitrophenol	32.0	30.0		ug/L		94	53 - 127
3,3'-Dichlorobenzidine	64.0	55.3		ug/L		86	39 - 150
3-Nitroaniline	32.0	29.4		ug/L		92	13 - 156

Method: 8270E - Semivolatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: LCS 240-632659/2-A
Matrix: Water
Analysis Batch: 634284

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 632659

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
4,6-Dinitro-2-methylphenol	64.0	65.1		ug/L		102	45 - 130
4-Bromophenyl phenyl ether	32.0	31.7		ug/L		99	51 - 129
4-Chloro-3-methylphenol	32.0	28.0		ug/L		88	57 - 126
4-Chloroaniline	32.0	5.63		ug/L		18	10 - 120
4-Chlorophenyl phenyl ether	32.0	27.2		ug/L		85	52 - 122
4-Nitroaniline	32.0	NQ	E	ug/L		NaN	44 - 156
4-Nitrophenol	64.0	44.2		ug/L		69	14 - 120
Acenaphthene	32.0	25.7		ug/L		80	50 - 120
Acenaphthylene	32.0	27.3		ug/L		85	49 - 120
Acetophenone	32.0	23.4		ug/L		73	52 - 120
Anthracene	32.0	29.5		ug/L		92	55 - 124
Atrazine	32.0	32.5		ug/L		101	50 - 152
Benzaldehyde	32.0	29.3		ug/L		92	36 - 168
Benzo[a]anthracene	32.0	28.2		ug/L		88	55 - 130
Benzo[a]pyrene	32.0	31.0		ug/L		97	51 - 123
Benzo[b]fluoranthene	32.0	30.8		ug/L		96	51 - 130
Benzo[g,h,i]perylene	32.0	32.8		ug/L		102	55 - 135
Benzo[k]fluoranthene	32.0	28.4		ug/L		89	53 - 130
Bis(2-chloroethoxy)methane	32.0	25.7		ug/L		80	50 - 121
Bis(2-chloroethyl)ether	32.0	23.2		ug/L		73	47 - 120
Bis(2-ethylhexyl) phthalate	32.0	28.6		ug/L		89	45 - 142
Butyl benzyl phthalate	32.0	32.7		ug/L		102	48 - 140
Caprolactam	32.0	6.05		ug/L		19	10 - 120
Carbazole	32.0	30.3		ug/L		95	56 - 135
Chrysene	32.0	27.2		ug/L		85	52 - 126
Dibenz(a,h)anthracene	32.0	33.7		ug/L		105	57 - 132
Dibenzofuran	32.0	26.3		ug/L		82	52 - 120
Diethyl phthalate	32.0	28.8		ug/L		90	51 - 127
Dimethyl phthalate	32.0	29.7		ug/L		93	40 - 136
Di-n-butyl phthalate	32.0	30.4		ug/L		95	56 - 138
Di-n-octyl phthalate	32.0	29.5		ug/L		92	45 - 135
Fluoranthene	32.0	31.3		ug/L		98	56 - 135
Fluorene	32.0	26.7		ug/L		83	52 - 124
Hexachlorobenzene	32.0	30.7		ug/L		96	49 - 127
Hexachlorobutadiene	32.0	24.4		ug/L		76	36 - 120
Hexachlorocyclopentadiene	32.0	10.3		ug/L		32	10 - 120
Hexachloroethane	32.0	23.1		ug/L		72	39 - 120
Indeno[1,2,3-cd]pyrene	32.0	33.4		ug/L		104	55 - 134
Isophorone	32.0	27.4		ug/L		86	50 - 127
N-Nitrosodi-n-propylamine	32.0	23.3		ug/L		73	49 - 128
N-Nitrosodiphenylamine	32.0	29.4		ug/L		92	53 - 127
Naphthalene	32.0	23.6		ug/L		74	46 - 120
Nitrobenzene	32.0	27.1		ug/L		85	50 - 123
Pentachlorophenol	64.0	55.5		ug/L		87	24 - 124
Phenanthrene	32.0	28.3		ug/L		89	54 - 120
Phenol	32.0	21.4		ug/L		67	10 - 120
Pyrene	32.0	26.9		ug/L		84	53 - 135
3 & 4 Methylphenol	32.0	24.6		ug/L		77	41 - 120

Method: 8270E - Semivolatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: LCS 240-632659/2-A
Matrix: Water
Analysis Batch: 634284

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 632659

Surrogate	LCS %Recovery	LCS Qualifier	Limits
Terphenyl-d14 (Surr)	76		43 - 136
Phenol-d5 (Surr)	62		10 - 120
Nitrobenzene-d5 (Surr)	80		40 - 120
2-Fluorophenol (Surr)	100		10 - 127
2-Fluorobiphenyl (Surr)	76		41 - 120
2,4,6-Tribromophenol (Surr)	96		23 - 127

Method: 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Lab Sample ID: MB 240-632887/1-A
Matrix: Water
Analysis Batch: 633199

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 632887

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aroclor-1016	ND		0.10	0.056	ug/L		10/29/24 08:28	10/30/24 23:52	1
Aroclor-1221	ND		0.10	0.057	ug/L		10/29/24 08:28	10/30/24 23:52	1
Aroclor-1232	ND		0.10	0.074	ug/L		10/29/24 08:28	10/30/24 23:52	1
Aroclor-1242	ND		0.10	0.076	ug/L		10/29/24 08:28	10/30/24 23:52	1
Aroclor-1248	ND		0.10	0.050	ug/L		10/29/24 08:28	10/30/24 23:52	1
Aroclor-1254	ND		0.10	0.040	ug/L		10/29/24 08:28	10/30/24 23:52	1
Aroclor-1260	ND		0.10	0.046	ug/L		10/29/24 08:28	10/30/24 23:52	1
Aroclor-1262	ND		0.10	0.058	ug/L		10/29/24 08:28	10/30/24 23:52	1
Aroclor-1268	ND		0.10	0.062	ug/L		10/29/24 08:28	10/30/24 23:52	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
Tetrachloro-m-xylene	78		10 - 149	10/29/24 08:28	10/30/24 23:52	1
DCB Decachlorobiphenyl	95		10 - 174	10/29/24 08:28	10/30/24 23:52	1

Lab Sample ID: LCS 240-632887/2-A
Matrix: Water
Analysis Batch: 633199

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 632887

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Aroclor-1016	2.50	2.51		ug/L		100	28 - 140
Aroclor-1260	2.50	2.66		ug/L		106	39 - 153

Surrogate	LCS %Recovery	LCS Qualifier	Limits
Tetrachloro-m-xylene	81		10 - 149
DCB Decachlorobiphenyl	76		10 - 174

Method: 6010D - Metals (ICP)

Lab Sample ID: MB 240-632731/1-A
Matrix: Water
Analysis Batch: 633175

Client Sample ID: Method Blank
Prep Type: Total Recoverable
Prep Batch: 632731

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	ND		15	4.1	ug/L		10/29/24 06:00	10/30/24 12:02	1

Method: 6010D - Metals (ICP) (Continued)

Lab Sample ID: MB 240-632731/1-A
Matrix: Water
Analysis Batch: 633175

Client Sample ID: Method Blank
Prep Type: Total Recoverable
Prep Batch: 632731

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Barium	ND		200	1.3	ug/L		10/29/24 06:00	10/30/24 12:02	1
Cadmium	ND		5.0	0.45	ug/L		10/29/24 06:00	10/30/24 12:02	1
Chromium	ND		10	0.76	ug/L		10/29/24 06:00	10/30/24 12:02	1
Copper	ND		25	3.5	ug/L		10/29/24 06:00	10/30/24 12:02	1
Lead	ND		10	2.8	ug/L		10/29/24 06:00	10/30/24 12:02	1
Selenium	ND		20	6.0	ug/L		10/29/24 06:00	10/30/24 12:02	1
Silver	ND		10	1.4	ug/L		10/29/24 06:00	10/30/24 12:02	1
Zinc	ND		50	23	ug/L		10/29/24 06:00	10/30/24 12:02	1

Lab Sample ID: LCS 240-632731/2-A
Matrix: Water
Analysis Batch: 633175

Client Sample ID: Lab Control Sample
Prep Type: Total Recoverable
Prep Batch: 632731

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Arsenic	2000	1960		ug/L		98	80 - 120
Barium	2000	1860		ug/L		93	80 - 120
Cadmium	1000	951		ug/L		95	80 - 120
Chromium	1000	928		ug/L		93	80 - 120
Copper	1000	927		ug/L		93	80 - 120
Lead	1000	919		ug/L		92	80 - 120
Selenium	2000	1960		ug/L		98	80 - 120
Silver	100	93.3		ug/L		93	80 - 120
Zinc	1000	990		ug/L		99	80 - 120

Method: 7470A - Mercury (CVAA)

Lab Sample ID: MB 240-632735/1-A
Matrix: Water
Analysis Batch: 632991

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 632735

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	ND		0.20	0.13	ug/L		10/28/24 14:00	10/29/24 11:40	1

Lab Sample ID: LCS 240-632735/2-A
Matrix: Water
Analysis Batch: 632991

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 632735

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Mercury	5.00	4.84		ug/L		97	80 - 120

Method: 7196A - Chromium, Hexavalent

Lab Sample ID: MB 240-632581/3
Matrix: Water
Analysis Batch: 632581

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chromium, hexavalent	ND		0.020	0.0070	mg/L			10/26/24 10:27	1

Method: 7196A - Chromium, Hexavalent (Continued)

Lab Sample ID: LCS 240-632581/4
Matrix: Water
Analysis Batch: 632581

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
Chromium, hexavalent			0.250	0.271		mg/L		108	85 - 115		

Lab Sample ID: MB 240-633655/3
Matrix: Water
Analysis Batch: 633655

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chromium, hexavalent	ND		0.020	0.0070	mg/L			11/02/24 09:52	1

Lab Sample ID: LCS 240-633655/4
Matrix: Water
Analysis Batch: 633655

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
Chromium, hexavalent			0.250	0.259		mg/L		104	85 - 115		

Lab Sample ID: 240-213767-1 MS
Matrix: Water
Analysis Batch: 632581

Client Sample ID: SB-29-SW
Prep Type: Dissolved

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits		
Chromium, hexavalent	ND		0.250	0.226		mg/L		90	85 - 115		

Lab Sample ID: 240-213767-1 MSD
Matrix: Water
Analysis Batch: 632581

Client Sample ID: SB-29-SW
Prep Type: Dissolved

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Chromium, hexavalent	ND		0.250	0.235		mg/L		94	85 - 115	4	20

Method: 9012B - Cyanide, Total andor Amenable

Lab Sample ID: MB 240-633954/1-A
Matrix: Water
Analysis Batch: 634030

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 633954

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cyanide, Total	ND		0.010	0.0060	mg/L		11/05/24 09:03	11/05/24 11:09	1

Lab Sample ID: LCS 240-633954/2-A
Matrix: Water
Analysis Batch: 634030

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 633954

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
Cyanide, Total			0.327	0.334		mg/L		102	85 - 115		

Method: 9012B - Cyanide, Total andor Amenable (Continued)

Lab Sample ID: MRL 240-634030/10
Matrix: Water
Analysis Batch: 634030

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte			Spike Added	MRL Result	MRL Qualifier	Unit	D	%Rec	%Rec Limits		
Cyanide, Total			0.0100	0.0119		mg/L		119	70 - 130		

Method: OIA-1677 - Cyanide, Free (Flow Injection)

Lab Sample ID: MB 410-572622/17
Matrix: Water
Analysis Batch: 572622

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cyanide, Free	ND		0.0060	0.0050	mg/L			11/07/24 13:45	1

Lab Sample ID: LCS 410-572622/16
Matrix: Water
Analysis Batch: 572622

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
Cyanide, Free			0.0500	0.0511		mg/L		102	82 - 132		

GC/MS VOA

Analysis Batch: 633596

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
240-213767-1	SB-29-SW	Total/NA	Water	8260D	
MB 240-633596/7	Method Blank	Total/NA	Water	8260D	
LCS 240-633596/4	Lab Control Sample	Total/NA	Water	8260D	

Analysis Batch: 633652

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
240-213767-2	SB-36-SW	Total/NA	Water	8260D	
240-213767-3	TB-1-20241025	Total/NA	Water	8260D	
MB 240-633652/7	Method Blank	Total/NA	Water	8260D	
LCS 240-633652/4	Lab Control Sample	Total/NA	Water	8260D	

GC/MS Semi VOA

Prep Batch: 632659

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
240-213767-1	SB-29-SW	Total/NA	Water	3510C LVI	
240-213767-2	SB-36-SW	Total/NA	Water	3510C LVI	
MB 240-632659/1-A	Method Blank	Total/NA	Water	3510C LVI	
LCS 240-632659/2-A	Lab Control Sample	Total/NA	Water	3510C LVI	

Analysis Batch: 634284

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
240-213767-1	SB-29-SW	Total/NA	Water	8270E	632659
240-213767-2	SB-36-SW	Total/NA	Water	8270E	632659
MB 240-632659/1-A	Method Blank	Total/NA	Water	8270E	632659
LCS 240-632659/2-A	Lab Control Sample	Total/NA	Water	8270E	632659

GC Semi VOA

Prep Batch: 632887

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
240-213767-1	SB-29-SW	Total/NA	Water	3510C	
240-213767-2	SB-36-SW	Total/NA	Water	3510C	
MB 240-632887/1-A	Method Blank	Total/NA	Water	3510C	
LCS 240-632887/2-A	Lab Control Sample	Total/NA	Water	3510C	

Analysis Batch: 633199

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
240-213767-1	SB-29-SW	Total/NA	Water	8082A	632887
240-213767-2	SB-36-SW	Total/NA	Water	8082A	632887
MB 240-632887/1-A	Method Blank	Total/NA	Water	8082A	632887
LCS 240-632887/2-A	Lab Control Sample	Total/NA	Water	8082A	632887

Metals

Prep Batch: 632731

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
240-213767-1	SB-29-SW	Dissolved	Water	3005A	
240-213767-1	SB-29-SW	Total Recoverable	Water	3005A	
240-213767-2	SB-36-SW	Dissolved	Water	3005A	
240-213767-2	SB-36-SW	Total Recoverable	Water	3005A	
MB 240-632731/1-A	Method Blank	Total Recoverable	Water	3005A	

Metals (Continued)

Prep Batch: 632731 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
LCS 240-632731/2-A	Lab Control Sample	Total Recoverable	Water	3005A	

Prep Batch: 632735

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
240-213767-1	SB-29-SW	Dissolved	Water	7470A	
240-213767-1	SB-29-SW	Total/NA	Water	7470A	
240-213767-2	SB-36-SW	Dissolved	Water	7470A	
240-213767-2	SB-36-SW	Total/NA	Water	7470A	
MB 240-632735/1-A	Method Blank	Total/NA	Water	7470A	
LCS 240-632735/2-A	Lab Control Sample	Total/NA	Water	7470A	

Analysis Batch: 632991

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
240-213767-1	SB-29-SW	Dissolved	Water	7470A	632735
240-213767-1	SB-29-SW	Total/NA	Water	7470A	632735
240-213767-2	SB-36-SW	Dissolved	Water	7470A	632735
240-213767-2	SB-36-SW	Total/NA	Water	7470A	632735
MB 240-632735/1-A	Method Blank	Total/NA	Water	7470A	632735
LCS 240-632735/2-A	Lab Control Sample	Total/NA	Water	7470A	632735

Analysis Batch: 633175

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
240-213767-1	SB-29-SW	Dissolved	Water	6010D	632731
240-213767-1	SB-29-SW	Total Recoverable	Water	6010D	632731
240-213767-2	SB-36-SW	Dissolved	Water	6010D	632731
240-213767-2	SB-36-SW	Total Recoverable	Water	6010D	632731
MB 240-632731/1-A	Method Blank	Total Recoverable	Water	6010D	632731
LCS 240-632731/2-A	Lab Control Sample	Total Recoverable	Water	6010D	632731

General Chemistry

Analysis Batch: 572622

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
240-213767-1	SB-29-SW	Total/NA	Water	OIA-1677	
240-213767-2	SB-36-SW	Total/NA	Water	OIA-1677	
MB 410-572622/17	Method Blank	Total/NA	Water	OIA-1677	
LCS 410-572622/16	Lab Control Sample	Total/NA	Water	OIA-1677	

Analysis Batch: 632581

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
240-213767-1	SB-29-SW	Dissolved	Water	7196A	
240-213767-1	SB-29-SW	Total/NA	Water	7196A	
240-213767-2	SB-36-SW	Dissolved	Water	7196A	
MB 240-632581/3	Method Blank	Total/NA	Water	7196A	
LCS 240-632581/4	Lab Control Sample	Total/NA	Water	7196A	
240-213767-1 MS	SB-29-SW	Dissolved	Water	7196A	
240-213767-1 MSD	SB-29-SW	Dissolved	Water	7196A	

Analysis Batch: 633655

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
240-213767-2	SB-36-SW	Total/NA	Water	7196A	

General Chemistry (Continued)

Analysis Batch: 633655 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
MB 240-633655/3	Method Blank	Total/NA	Water	7196A	
LCS 240-633655/4	Lab Control Sample	Total/NA	Water	7196A	

Prep Batch: 633954

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
240-213767-1	SB-29-SW	Total/NA	Water	9012B	
240-213767-2	SB-36-SW	Total/NA	Water	9012B	
MB 240-633954/1-A	Method Blank	Total/NA	Water	9012B	
LCS 240-633954/2-A	Lab Control Sample	Total/NA	Water	9012B	

Analysis Batch: 634030

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
240-213767-1	SB-29-SW	Total/NA	Water	9012B	633954
240-213767-2	SB-36-SW	Total/NA	Water	9012B	633954
MB 240-633954/1-A	Method Blank	Total/NA	Water	9012B	633954
LCS 240-633954/2-A	Lab Control Sample	Total/NA	Water	9012B	633954
MRL 240-634030/10	Lab Control Sample	Total/NA	Water	9012B	

Lab Chronicle

Client: August Mack Environmental, Inc.
Project/Site: MSC Canfield

Job ID: 240-213767-1

Client Sample ID: SB-29-SW

Lab Sample ID: 240-213767-1

Date Collected: 10/25/24 13:40

Matrix: Water

Date Received: 10/25/24 16:53

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260D		1	633596	LEE	EET CLE	11/02/24 05:45
Total/NA	Prep	3510C LVI			632659	GBS	EET CLE	10/28/24 08:08
Total/NA	Analysis	8270E		1	634284	MRU	EET CLE	11/07/24 14:24
Total/NA	Prep	3510C			632887	CR2J	EET CLE	10/29/24 08:28
Total/NA	Analysis	8082A		1	633199	LSH	EET CLE	10/31/24 01:14
Dissolved	Prep	3005A			632731	BN	EET CLE	10/29/24 06:00
Dissolved	Analysis	6010D		1	633175	RKT	EET CLE	10/30/24 13:53
Total Recoverable	Prep	3005A			632731	BN	EET CLE	10/29/24 06:00
Total Recoverable	Analysis	6010D		1	633175	RKT	EET CLE	10/30/24 13:49
Dissolved	Prep	7470A			632735	BN	EET CLE	10/28/24 14:00
Dissolved	Analysis	7470A		1	632991	S4FJ	EET CLE	10/29/24 12:07
Total/NA	Prep	7470A			632735	BN	EET CLE	10/28/24 14:00
Total/NA	Analysis	7470A		1	632991	S4FJ	EET CLE	10/29/24 12:05
Dissolved	Analysis	7196A		1	632581	VH6H	EET CLE	10/26/24 10:28
Total/NA	Analysis	7196A		1	632581	VH6H	EET CLE	10/26/24 10:30
Total/NA	Prep	9012B			633954	BLW	EET CLE	11/05/24 09:03
Total/NA	Analysis	9012B		25	634030	BLW	EET CLE	11/05/24 12:14
Total/NA	Analysis	OIA-1677		1	572622	UJE2	ELLE	11/07/24 14:12

Client Sample ID: SB-36-SW

Lab Sample ID: 240-213767-2

Date Collected: 10/25/24 14:05

Matrix: Water

Date Received: 10/25/24 16:53

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260D		1	633652	LEE	EET CLE	11/02/24 18:39
Total/NA	Prep	3510C LVI			632659	GBS	EET CLE	10/28/24 08:08
Total/NA	Analysis	8270E		1	634284	MRU	EET CLE	11/07/24 14:47
Total/NA	Prep	3510C			632887	CR2J	EET CLE	10/29/24 08:28
Total/NA	Analysis	8082A		1	633199	LSH	EET CLE	10/31/24 01:26
Dissolved	Prep	3005A			632731	BN	EET CLE	10/29/24 06:00
Dissolved	Analysis	6010D		1	633175	RKT	EET CLE	10/30/24 14:02
Total Recoverable	Prep	3005A			632731	BN	EET CLE	10/29/24 06:00
Total Recoverable	Analysis	6010D		1	633175	RKT	EET CLE	10/30/24 13:57
Dissolved	Prep	7470A			632735	BN	EET CLE	10/28/24 14:00
Dissolved	Analysis	7470A		1	632991	S4FJ	EET CLE	10/29/24 12:14
Total/NA	Prep	7470A			632735	BN	EET CLE	10/28/24 14:00
Total/NA	Analysis	7470A		1	632991	S4FJ	EET CLE	10/29/24 12:12
Dissolved	Analysis	7196A		1	632581	VH6H	EET CLE	10/26/24 10:30
Total/NA	Analysis	7196A		1	633655	AAP	EET CLE	11/02/24 10:40
Total/NA	Prep	9012B			633954	BLW	EET CLE	11/05/24 09:03
Total/NA	Analysis	9012B		25	634030	BLW	EET CLE	11/05/24 12:19
Total/NA	Analysis	OIA-1677		1	572622	UJE2	ELLE	11/07/24 14:15

Lab Chronicle

Client: August Mack Environmental, Inc.
Job ID: 240-213767-1
Project/Site: MSC Canfield

Client Sample ID: TB-1-20241025
Lab Sample ID: 240-213767-3
Date Collected: 10/25/24 00:00
Matrix: Water
Date Received: 10/25/24 16:53

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260D		1	633652	LEE	EET CLE	11/02/24 18:59

Laboratory References:

EET CLE = Eurofins Cleveland, 180 S. Van Buren Avenue, Barberton, OH 44203, TEL (330)497-9396

ELLE = Eurofins Lancaster Laboratories Environment Testing, LLC, 2425 New Holland Pike, Lancaster, PA 17601, TEL (717)656-2300

Accreditation/Certification Summary

Client: August Mack Environmental, Inc.
Project/Site: MSC Canfield

Job ID: 240-213767-1

Laboratory: Eurofins Cleveland

All accreditations/certifications held by this laboratory are listed. Not all accreditations/certifications are applicable to this report.

Authority	Program	Identification Number	Expiration Date
California	State	2927	02-28-25
Connecticut	State	PH-0806	12-31-26
Georgia	State	4062	02-27-25
Illinois	NELAP	200004	08-31-25
Iowa	State	421	06-01-25
Kentucky (UST)	State	112225	02-27-25
Kentucky (WW)	State	KY98016	12-30-24
Minnesota	NELAP	039-999-348	12-31-24
New Hampshire	NELAP	225024	09-30-25
New Jersey	NELAP	OH001	07-03-25
New York	NELAP	10975	04-02-25
Ohio VAP	State	ORELAP 4062	02-27-25
Oregon	NELAP	4062	02-27-25
Pennsylvania	NELAP	68-00340	08-31-25
Texas	NELAP	T104704517-22-19	08-31-25
USDA	US Federal Programs	P330-18-00281	01-05-27
Virginia	NELAP	460175	09-14-25
West Virginia DEP	State	210	12-31-24

Laboratory: Eurofins Lancaster Laboratories Environment Testing, LLC

All accreditations/certifications held by this laboratory are listed. Not all accreditations/certifications are applicable to this report.

Authority	Program	Identification Number	Expiration Date
A2LA	Dept. of Defense ELAP	0001.01	11-30-26
A2LA	ISO/IEC 17025	0001.01	11-30-26
Alabama	State	43200	01-31-25
Alaska	State	PA00009	06-30-25
Alaska (UST)	State	17-027	02-28-25
Arizona	State	AZ0780	03-12-25
Arkansas DEQ	State	88-00660	08-09-25
California	State	2792	11-30-24
Colorado	State	PA00009	06-30-25
Connecticut	State	PH-0746	06-30-25
DE Haz. Subst. Cleanup Act (HSCA)	State	019-006 (PA cert)	01-31-25
Delaware (DW)	State	N/A	01-31-25
Florida	NELAP	E87997	06-30-25
Georgia (DW)	State	C048	01-31-25
Hawaii	State	N/A	01-31-25
Illinois	NELAP	200027	01-31-25
Iowa	State	361	03-01-26
Kansas	NELAP	E-10151	10-31-25
Kentucky (DW)	State	KY90088	12-31-24
Kentucky (UST)	State	0001.01	11-30-26
Kentucky (WW)	State	KY90088	12-31-24
Louisiana (All)	NELAP	02055	06-30-25
Maine	State	2019012	03-12-25
Maryland	State	100	06-30-25
Massachusetts	State	M-PA009	06-30-25
Michigan	State	9930	01-31-25
Minnesota	NELAP	042-999-487	12-31-24

Accreditation/Certification Summary

Client: August Mack Environmental, Inc.
Project/Site: MSC Canfield

Job ID: 240-213767-1

Laboratory: Eurofins Lancaster Laboratories Environment Testing, LLC (Continued)

All accreditations/certifications held by this laboratory are listed. Not all accreditations/certifications are applicable to this report.

Authority	Program	Identification Number	Expiration Date
Mississippi	State	023	01-31-25
Missouri	State	450	01-31-25
Montana (DW)	State	0098	01-01-25
Nebraska	State	NE-OS-32-17	01-31-25
New Hampshire	NELAP	2730	01-10-25
New Jersey	NELAP	PA011	06-30-25
New York	NELAP	10670	04-01-25
North Carolina (DW)	State	42705	07-31-25
North Carolina (WW/SW)	State	521	12-31-25
North Dakota	State	R-205	01-31-24 *
Oklahoma	NELAP	9804	08-31-24 *
Oregon	NELAP	PA200001	09-11-25
Pennsylvania	NELAP	36-00037	01-31-25
Quebec Ministry of Environment and Fight against Climate Change	PALA	507	09-16-29
Rhode Island	State	LAO00338	12-30-24
South Carolina	State	89002	01-31-25
Tennessee	State	02838	01-31-25
Texas	NELAP	T104704194-23-46	08-31-25
USDA	US Federal Programs	525-22-298-19481	10-25-25
Vermont	State	VT - 36037	10-28-25
Virginia	NELAP	460182	06-14-25
Washington	State	C457	04-11-25
West Virginia (DW)	State	9906 C	01-31-25
West Virginia DEP	State	055	07-31-25
Wyoming	State	8TMS-L	01-31-25
Wyoming (UST)	A2LA	0001.01	11-30-26

* Accreditation/Certification renewal pending - accreditation/certification considered valid.

Eurofins Cleveland
180 S. Van Buren Avenue
Barberton, OH 44203
Phone: 330-497-9396 Fax: 330-497-0772

Chain of Custody Record

eurofins | Environment Testing

Client Information	Sampler: Nathan Lewis	Lab PM: Kalis, Nicole A	Carrier Tracking No(s):	COC No: 240-125124-43640.3
Client Contact: Kain Lager-Lowe	Phone:	E-Mail: Nicole.Kalis@et.eurofinsus.com	State of Origin:	Page: Page ~~[illegible]~~ 1 of 1
Company: August Mack Environmental, Inc.	PWSID:			Job #:
Address: 7830 North Central Drive, Suite B	Due Date Requested:			
City: Lewis Center	TAT Requested (days): Standard			
State, Zip: OH, 43035	Compliance Project: Δ Yes Δ No			
Phone: 740-548-1515(Tel)	PO #: 20240365			
Email: klagerlowe@augustmack.com	WO #:			
Project Name: MSC Canfield	Project #: 24033889			
Site:	SSOW#:			

Analysis Requested

Preservation Codes:
N - None
D - HNO3
A - HCL
B - NaOH
BO - NaOH/NaArsenite

Other:

Sample Identification	Sample Date	Sample Time	Sample Type (C=comp, G=grab)	Matrix (W=water, S=solid, O=waste/oil, BT=Tissue, A=Air)	Field Filtered Sample (Yes or No)	[illegible]	8082A, 9012B, Moisture	6010D, 7471B, 8270E	~~[illegible]~~ 6010D/7470A - Diss RCRA 8, Cu, Zn - Field Filtered	7196A - Hex Chrom	1677_Free - Free Cyanide	8270E - SVOC	7196A - Diss. Hexavalent Chromium - Field Filter	6010D, 7470A - Total RCRA 8, Cu, Zn	8260D - VOC	8082A - PCB	7196A - Total Hex Chrom	9012B - Total Cyanide	1677_Free - Free Cyanide	Total Number of containers	Special Instructions/Note:
			Preservation Code:				N	N	N	N	N	N	N	D	A	N	N	B	B		
SB-29-SW	10/25	1340	G	~~Solid~~ Water	X				X			X	X	X	X	X	X	X	X		
SB-36-SW	10/25	1405	G	~~Solid~~ Water	X				X			X	X	X	X	X	X	X	X		
TB-1-20241025	10/25	—	G	~~Solid~~ Water											X						
				Solid																	
				Solid																	
				Solid																	
				Solid																	
				Solid																	
				Solid																	
				Solid																	
				Solid																	

240-213767 COC

Possible Hazard Identification
☐ *Non-Hazard* ☐ *Flammable* ☐ *Skin Irritant* ☐ *Poison B* ☐ *Unknown* ☐ *Radiological*

Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)
☐ *Return To Client* ☐ *Disposal By Lab* ☐ *Archive For* _____ *Months*

Deliverable Requested: I, II, III, IV, Other (specify)

Special Instructions/QC Requirements:

Empty Kit Relinquished by:	Date:	Time:	Method of Shipment:

Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company
Austin Crane [signature]	10/25/24 1550		[signature]	10/25/24 1548	EVR
[signature]	10/25/24 1653	EVR	[signature]	10-25-24 16:53	

Custody Seals Intact: Δ Yes Δ No	Custody Seal No.:	Cooler Temperature(s) °C and Other Remarks:

Ver: 05/06/2024

11/8/2024

Eurofins – Cleveland Sample Receipt Form/Narrative **Login # :** _____
Barberton Facility

Client August March Site Name _____ Cooler unpacked by:

Cooler Received on 10-25-24 Opened on 10-26-24

FedEx: 1st Grd Exp UPS FAS Waypoint Client Drop Off Eurofins Courier Other

Receipt After-hours Drop-off Date/Time _____ Storage Location _____

Eurofins Cooler # EC Foam Box Client Cooler Box Other _____

Packing material used: Bubble Wrap Foam Plastic Bag None Other _____

COOLANT Wet Ice Blue Ice Dry Ice Water None

1 Cooler temperature upon receipt ☐ See Multiple Cooler Form

IR GUN # 17 (CF +0.1 °C) Observed Cooler Temp. 2.2 °C Corrected Cooler Temp 2.3 °C

2. Were tamper/custody seals on the outside of the cooler(s)? If Yes Quantity _____	Yes No	**Tests that are not checked for pH by Receiving:**
-Were the seals on the outside of the cooler(s) signed & dated?	Yes No NA	**VOAs**
-Were tamper/custody seals on the bottle(s) or bottle kits (LLHg/MeHg)?	Yes No	**Oil and Grease**
-Were tamper/custody seals intact and uncompromised?	Yes No NA	**TOC**
3 Shippers' packing slip attached to the cooler(s)?	Yes No	
4. Did custody papers accompany the sample(s)?	Yes No	
5 Were the custody papers relinquished & signed in the appropriate place?	Yes No	
6. Was/were the person(s) who collected the samples clearly identified on the COC?	Yes No	
7 Did all bottles arrive in good condition (Unbroken)?	Yes No	
8 Could all bottle labels (ID/Date/Time) be reconciled with the COC?	Yes No	
9 For each sample, does the COC specify preservatives (Y/N), # of containers (Y/N) and sample type of grab/comp (Y/N)?		
10 Were correct bottle(s) used for the test(s) indicated?	Yes No	
11 Sufficient quantity received to perform indicated analyses?	Yes No	
12. Are these work share samples and all listed on the COC?	Yes No	
If yes, Questions 13-17 have been checked at the originating laboratory		
13 Were all preserved sample(s) at the correct pH upon receipt?	Yes No NA	pH Strip Lot# HC447997
14. Were VOAs on the COC?	Yes No	
15 Were air bubbles >6 mm in any VOA vials? ● ⬅ Larger than this.	Yes No NA	
16 Was a VOA trip blank present in the cooler(s)? Trip Blank Lot # _____	Yes No	
17 Was a LL Hg or Me Hg trip blank present? _____	Yes No	

Contacted PM _____ Date _____ by _____ via Verbal Voice Mail Other

Concerning _____

18. CHAIN OF CUSTODY & SAMPLE DISCREPANCIES ☐ additional next page | Samples processed by:

_____

_____

_____

_____

19 SAMPLE CONDITION

Sample(s) _____ were received after the recommended holding time had expired.

Sample(s) _____ were received in a broken container

Sample(s) _____ were received with bubble >6 mm in diameter (Notify PM)

20. SAMPLE PRESERVATION

Sample(s) _____ were further preserved in the laboratory

Time preserved. _____ Preservative(s) added/Lot number(s) _____

VOA Sample Preservation - Date/Time VOAs Frozen _____

10/26/2024

Login Container Summary Report

240-213767

11/8/2024

Temperature readings _____

Client Sample ID	Lab ID	Container Type	Container pH	Container Temp	Preservation Added	Preservation Lot Number
SB-29-SW	240-213767-A-1	Voa Vial 40ml - Hydrochloric Acid				
SB-29-SW	240-213767-B-1	Voa Vial 40ml - Hydrochloric Acid				
SB-29-SW	240-213767-C-1	Voa Vial 40ml - Hydrochloric Acid				
SB-29-SW	240-213767-D-1	Amber Plastic 125 mL - NaOH	>12			
SB-29-SW	240-213767-E-1	Plastic 250ml - with Sodium Hydroxide	>12			
SB-29-SW	240-213767-F-1	Amber Glass 250ml - unpreserved				
SB-29-SW	240-213767-G-1	Amber Glass 250ml - unpreserved				
SB-29-SW	240-213767-H-1	Plastic 500ml - unpreserved				
SB-29-SW	240-213767-I-1	Plastic 500 mL - unpreserved - dis				
SB-29-SW	240-213767-J-1	Plastic 500ml - with Nitric Acid	<2			
SB-29-SW	240-213767-K-1	Plastic 500ml - with Nitric Acid	<2			
SB-29-SW	240-213767-L-1	Amber Glass 1 liter - unpreserved				
SB-29-SW	240-213767-M-1	Amber Glass 1 liter - unpreserved				
SB-36-SW	240-213767-A-2					
SB-36-SW	240-213767-B-2					
SB-36-SW	240-213767-C-2					
SB-36-SW	240-213767-D-2					
SB-36-SW	240-213767-E-2					
SB-36-SW	240-213767-F-2					
SB-36-SW	240-213767-G-2					
SB-36-SW	240-213767-H-2					
SB-36-SW	240-213767-I-2					
SB-36-SW	240-213767-J-2					
SB-36-SW	240-213767-K-2					
SB-36-SW	240-213767-L-2					
SB-36-SW	240-213767-M-2					
TB-1-20241025	240-213767-A-3	Voa Vial 40ml - Hydrochloric Acid				

Eurofins Cleveland
180 S. Van Buren Avenue
Barberton, OH 44203
Phone: 330-497-9396 Fax: 330-497-0772

Chain of Custody Record

eurofins | Environment Testing

Client Information (Sub Contract Lab)	Sampler: N/A	Lab PM: Kalis, Nicole A	Carrier Tracking No(s): N/A	COC No: 240-192889.1
Client Contact: Shipping/Receiving	Phone: N/A	E-Mail: Nicole.Kalis@et.eurofinsus.com	State of Origin: Ohio	Page: Page 1 of 1
Company: Eurofins Lancaster Laboratories Environm		Accreditations Required (See note): N/A		Job #: 240-213767-1
Address: 2425 New Holland Pike, ,	Due Date Requested: 11/7/2024			Preservation Codes: -
City: Lancaster	TAT Requested (days): N/A			
State, Zip: PA, 17601				
Phone: 717-656-2300(Tel)	PO #: N/A			
Email: N/A	WO #: N/A			
Project Name: MSC Canfield	Project #: 24033889			
Site: N/A	SSOW#: N/A			Other: N/A

Analysis Requested

Sample Identification - Client ID (Lab ID)	Sample Date	Sample Time	Sample Type (C=comp, G=grab)	Matrix (W=water, S=solid, O=waste/oil, BT=Tissue, A=Air)	Field Filtered Sample (Yes or No)	Perform MS/MSD (Yes or No)	1677_Free/ Cyanide, Free	Total Number of containers	Special Instructions/Note:
			Preservation Code:						
SB-29-SW (240-213767-1)	10/25/24	13:40 Eastern	G	Water			X	1	Use caution! Site contaminated with solvent waste
SB-36-SW (240-213767-2)	10/25/24	14:05 Eastern	G	Water			X	1	Use caution! Site contaminated with solvent waste

Note: Since laboratory accreditations are subject to change, Eurofins Environment Testing North Central, LLC places the ownership of method, analyte & accreditation compliance upon our subcontract laboratories. This sample shipment is forwarded under chain-of-custody. If the laboratory does not currently maintain accreditation in the State of Origin listed above for analysis/tests/matrix being analyzed, the samples must be shipped back to the Eurofins Environment Testing North Central, LLC laboratory or other instructions will be provided. Any changes to accreditation status should be brought to Eurofins Environment Testing North Central, LLC attention immediately. If all requested accreditations are current to date, return the signed Chain of Custody attesting to said compliance to Eurofins Environment Testing North Central, LLC.

Possible Hazard Identification	*Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)*
Unconfirmed	☐ *Return To Client* ☐ *Disposal By Lab* ☐ *Archive For* _____ *Months*
Deliverable Requested: I, II, III, IV, Other (specify) Primary Deliverable Rank: 2	Special Instructions/QC Requirements:

Empty Kit Relinquished by:	Date:	Time:	Method of Shipment:

Relinquished by:	Date/Time	Company	Received by:	Date/Time	Company
MALISSA LOAR	10/28/24				
Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company
Relinquished by:	Date/Time:	Company	Received by:	Date/Time: 10/29/24 1010	Company ELLET

Custody Seals Intact: Δ Yes Δ No	Custody Seal No.:	Cooler Temperature(s) °C and Other Remarks: R: 3.2 2.8 C: 2.9 2.5

NJ

Login Sample Receipt Checklist

Client: August Mack Environmental, Inc.

Job Number: 240-213767-1

Login Number: 213767
List Number: 2
Creator: Santiago, Nathaniel

List Source: Eurofins Lancaster Laboratories Environment Testing, LLC
List Creation: 10/29/24 11:20 AM

Question	Answer	Comment
The cooler's custody seal is intact.	N/A	
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	True	
Cooler Temperature acceptable,where thermal pres is required(</=6C, not frozen).	True	
Cooler Temperature is recorded.	True	
WV:Container Temp acceptable,where thermal pres is required (</=6C, not frozen).	N/A	
WV: Container Temperature is recorded.	N/A	
COC is present.	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information.	True	
There are no discrepancies between the containers received and the COC.	True	
Sample containers have legible labels.	True	
Containers are not broken or leaking.	True	
Sample collection date/times are provided.	True	
Appropriate sample containers are used.	True	
Sample bottles are completely filled.	True	
There is sufficient vol. for all requested analyses.	True	
Is the Field Sampler's name present on COC?	False	Received project as a subcontract.
Sample custody seals are intact.	N/A	
VOA sample vials do not have headspace >6mm in diameter (none, if from WV)?	N/A	

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ANALYTICAL REPORT

PREPARED FOR

Attn: Kain Lager-Lowe
August Mack Environmental, Inc.
7830 North Central Drive, Suite B
Lewis Center, Ohio 43035

Generated 11/11/2024 8:13:02 AM

JOB DESCRIPTION

MSC Canfield - N. Ditch Sampling

JOB NUMBER

240-213776-1

Eurofins Cleveland
180 S. Van Buren Avenue
Barberton OH 44203

See page two for job notes and contact information.

my EOL

Job Notes

This report may not be reproduced except in full, and with written approval from the laboratory. The results relate only to the samples tested. For questions please contact the Project Manager at the e-mail address or telephone number listed on this page.

The test results in this report relate only to the samples as received by the laboratory and will meet all requirements of the methodology, with any exceptions noted. This report shall not be reproduced except in full, without the express written approval of the laboratory. All questions should be directed to the Eurofins Environment Testing North Central, LLC Project Manager.

Authorization



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11/11/2024 8:13:02 AM

Authorized for release by
Nicole Kalis, Project Manager I
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(330)497-9396

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Client: August Mack Environmental, Inc.
Job ID: 240-213776-1
Project/Site: MSC Canfield - N. Ditch Sampling

Qualifiers

GC/MS Semi VOA

Qualifier	Qualifier Description
E	Result exceeded calibration range.
F1	MS and/or MSD recovery exceeds control limits.
F2	MS/MSD RPD exceeds control limits
J	Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.

Metals

Qualifier	Qualifier Description
4	MS, MSD: The analyte present in the original sample is greater than 4 times the matrix spike concentration; therefore, control limits are not applicable.
F1	MS and/or MSD recovery exceeds control limits.
F2	MS/MSD RPD exceeds control limits
J	Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.

General Chemistry

Qualifier	Qualifier Description
4	MS, MSD: The analyte present in the original sample is greater than 4 times the matrix spike concentration; therefore, control limits are not applicable.
F1	MS and/or MSD recovery exceeds control limits.
J	Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.

Glossary

Abbreviation	These commonly used abbreviations may or may not be present in this report.
☼	Listed under the "D" column to designate that the result is reported on a dry weight basis
%R	Percent Recovery
CFL	Contains Free Liquid
CFU	Colony Forming Unit
CNF	Contains No Free Liquid
DER	Duplicate Error Ratio (normalized absolute difference)
Dil Fac	Dilution Factor
DL	Detection Limit (DoD/DOE)
DL, RA, RE, IN	Indicates a Dilution, Re-analysis, Re-extraction, or additional Initial metals/anion analysis of the sample
DLC	Decision Level Concentration (Radiochemistry)
EDL	Estimated Detection Limit (Dioxin)
LOD	Limit of Detection (DoD/DOE)
LOQ	Limit of Quantitation (DoD/DOE)
MCL	EPA recommended "Maximum Contaminant Level"
MDA	Minimum Detectable Activity (Radiochemistry)
MDC	Minimum Detectable Concentration (Radiochemistry)
MDL	Method Detection Limit
ML	Minimum Level (Dioxin)
MPN	Most Probable Number
MQL	Method Quantitation Limit
NC	Not Calculated
ND	Not Detected at the reporting limit (or MDL or EDL if shown)
NEG	Negative / Absent
POS	Positive / Present
PQL	Practical Quantitation Limit
PRES	Presumptive
QC	Quality Control
RER	Relative Error Ratio (Radiochemistry)
RL	Reporting Limit or Requested Limit (Radiochemistry)
RPD	Relative Percent Difference, a measure of the relative difference between two points
TEF	Toxicity Equivalent Factor (Dioxin)
TEQ	Toxicity Equivalent Quotient (Dioxin)

Glossary (Continued)

Abbreviation	These commonly used abbreviations may or may not be present in this report.
TNTC	Too Numerous To Count

Job ID: 240-213776-1 Eurofins Cleveland

Job Narrative
240-213776-1

Analytical test results meet all requirements of the associated regulatory program listed on the Accreditation/Certification Summary Page unless otherwise noted under the individual analysis. Data qualifiers and/or narrative comments are included to explain any exceptions, if applicable.

- Matrix QC may not be reported if insufficient sample is provided or site-specific QC samples were not submitted. In these situations, to demonstrate precision and accuracy at a batch level, a LCS/LCSD may be performed, unless otherwise specified in the method.
- Surrogate and/or isotope dilution analyte recoveries (if applicable) which are outside of the QC window are confirmed unless attributed to a dilution or otherwise noted in the narrative.

Regulated compliance samples (e.g. SDWA, NPDES) must comply with the associated agency requirements/permits.

Receipt
The samples were received on 10/25/2024 4:53 PM. Unless otherwise noted below, the samples arrived in good condition, and, where required, properly preserved and on ice. The temperatures of the 3 coolers at receipt time were 2.7°C, 2.9°C and 3.5°C.

GC/MS Semi VOA
No additional analytical or quality issues were noted, other than those described above or in the Definitions/ Glossary page.

Metals
No additional analytical or quality issues were noted, other than those described above or in the Definitions/ Glossary page.

General Chemistry
Method 7196A: The matrix spike soluble/matrix spike insoluble (MSS/MSI) recoveries were outside control limits due to sample matrix. The associated laboratory control sample (LCSS/LCSI) recoveries met acceptance criteria.

Method 7196A: The matrix spike soluble/matrix spike insoluble (MSS/MSI) recoveries were outside control limits due to sample matrix. The associated laboratory control sample (LCSS/LCSI) recoveries met acceptance criteria.

Method 9012B: The matrix spike / matrix spike duplicate (MS/MSD) recoveries for preparation batch 240-634135 and analytical batch 240-634230 were outside control limits. Sample matrix interference is suspected because the associated laboratory control sample (LCS) recovery was within acceptance limits.

No additional analytical or quality issues were noted, other than those described above or in the Definitions/ Glossary page.

Method Summary

Client: August Mack Environmental, Inc.
Project/Site: MSC Canfield - N. Ditch Sampling

Job ID: 240-213776-1

Method	Method Description	Protocol	Laboratory
8270E	Semivolatile Organic Compounds (GC/MS)	SW846	EET CLE
6010D	Metals (ICP)	SW846	EET CLE
7471B	Mercury (CVAA)	SW846	EET CLE
7196A	Chromium, Hexavalent	SW846	ELLE
9012B	Cyanide, Total andor Amenable	SW846	EET CLE
Moisture	Percent Moisture	EPA	EET CLE
OIA-1677	Cyanide, Free (Flow Injection)	OI CORP	ELLE
3050B	Preparation, Metals	SW846	EET CLE
3060A	Alkaline Digestion (Chromium, Hexavalent)	SW846	ELLE
3546	Microwave Extraction	SW846	EET CLE
7471B	Preparation, Mercury	SW846	EET CLE
9012B	Cyanide, Total and/or Amenable, Distillation	SW846	EET CLE
D3987-85	ASTM Leaching Procedure	ASTM	ELLE

Protocol References:

ASTM = ASTM International

EPA = US Environmental Protection Agency

OI CORP = OI Corporation Instrument Manual.

SW846 = "Test Methods For Evaluating Solid Waste, Physical/Chemical Methods", Third Edition, November 1986 And Its Updates.

Laboratory References:

EET CLE = Eurofins Cleveland, 180 S. Van Buren Avenue, Barberton, OH 44203, TEL (330)497-9396

ELLE = Eurofins Lancaster Laboratories Environment Testing, LLC, 2425 New Holland Pike, Lancaster, PA 17601, TEL (717)656-2300

Sample Summary

Client: August Mack Environmental, Inc.
Project/Site: MSC Canfield - N. Ditch Sampling

Job ID: 240-213776-1

Lab Sample ID	Client Sample ID	Matrix	Collected	Received
240-213776-1	T2-500-S-2.0	Solid	10/25/24 09:00	10/25/24 16:53
240-213776-2	T2-500-N-2.0	Solid	10/25/24 09:30	10/25/24 16:53
240-213776-3	T2-375-C-0.0	Solid	10/25/24 10:10	10/25/24 16:53
240-213776-4	T2-375-N-0.0	Solid	10/25/24 10:20	10/25/24 16:53
240-213776-5	T2-375-S-0.0	Solid	10/25/24 10:35	10/25/24 16:53
240-213776-6	T2-375-S-2.0	Solid	10/25/24 11:15	10/25/24 16:53
240-213776-7	TS-250-S-0.0	Solid	10/25/24 12:10	10/25/24 16:53
240-213776-8	T2-250-N-0.0	Solid	10/25/24 12:25	10/25/24 16:53
240-213776-9	DUP-6-20241025	Solid	10/25/24 00:00	10/25/24 16:53
240-213776-10	T2-250-N-1.0	Solid	10/25/24 12:55	10/25/24 16:53
240-213776-11	T2-100-S-0.0	Solid	10/25/24 13:40	10/25/24 16:53
240-213776-12	T2-100-N-0.0	Solid	10/25/24 13:50	10/25/24 16:53

Detection Summary

Client: August Mack Environmental, Inc.
Project/Site: MSC Canfield - N. Ditch Sampling

Job ID: 240-213776-1

Client Sample ID: T2-500-S-2.0 — Lab Sample ID: 240-213776-1

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Arsenic	15		1.7	0.35	mg/Kg	1	☼	6010D	Total/NA
Barium	71		22	0.14	mg/Kg	1	☼	6010D	Total/NA
Cadmium	0.073	J	0.56	0.054	mg/Kg	1	☼	6010D	Total/NA
Chromium	20		1.1	0.39	mg/Kg	1	☼	6010D	Total/NA
Copper	19		2.8	0.79	mg/Kg	1	☼	6010D	Total/NA
Lead	10		1.1	0.32	mg/Kg	1	☼	6010D	Total/NA
Zinc	60		5.6	4.1	mg/Kg	1	☼	6010D	Total/NA

Client Sample ID: T2-500-N-2.0 — Lab Sample ID: 240-213776-2

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Arsenic	8.0		1.7	0.36	mg/Kg	1	☼	6010D	Total/NA
Barium	69		23	0.14	mg/Kg	1	☼	6010D	Total/NA
Chromium	21		1.1	0.39	mg/Kg	1	☼	6010D	Total/NA
Copper	18		2.8	0.80	mg/Kg	1	☼	6010D	Total/NA
Lead	9.4		1.1	0.32	mg/Kg	1	☼	6010D	Total/NA
Selenium	0.71	J	2.3	0.53	mg/Kg	1	☼	6010D	Total/NA
Zinc	61		5.7	4.1	mg/Kg	1	☼	6010D	Total/NA

Client Sample ID: T2-375-C-0.0 — Lab Sample ID: 240-213776-3

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Anthracene	37	J	58	17	ug/Kg	1	☼	8270E	Total/NA
Benzo[a]anthracene	210	F1	58	22	ug/Kg	1	☼	8270E	Total/NA
Benzo[a]pyrene	270	F1	58	20	ug/Kg	1	☼	8270E	Total/NA
Benzo[b]fluoranthene	450	F2 F1	58	17	ug/Kg	1	☼	8270E	Total/NA
Benzo[g,h,i]perylene	330	F1	58	39	ug/Kg	1	☼	8270E	Total/NA
Benzo[k]fluoranthene	160	F1	58	14	ug/Kg	1	☼	8270E	Total/NA
Chrysene	340	F1	58	20	ug/Kg	1	☼	8270E	Total/NA
Dibenz(a,h)anthracene	64		58	22	ug/Kg	1	☼	8270E	Total/NA
Fluoranthene	530	F1	58	20	ug/Kg	1	☼	8270E	Total/NA
Indeno[1,2,3-cd]pyrene	230	F1	58	17	ug/Kg	1	☼	8270E	Total/NA
Phenanthrene	210	F1	58	19	ug/Kg	1	☼	8270E	Total/NA
Pyrene	470	F1	58	23	ug/Kg	1	☼	8270E	Total/NA
Arsenic	12		1.7	0.36	mg/Kg	1	☼	6010D	Total/NA
Barium	65		23	0.14	mg/Kg	1	☼	6010D	Total/NA
Cadmium	0.23	J	0.57	0.055	mg/Kg	1	☼	6010D	Total/NA
Chromium	19		1.1	0.39	mg/Kg	1	☼	6010D	Total/NA
Copper	4.2	F1	2.9	0.81	mg/Kg	1	☼	6010D	Total/NA
Lead	18		1.1	0.32	mg/Kg	1	☼	6010D	Total/NA
Selenium	0.87	J	2.3	0.54	mg/Kg	1	☼	6010D	Total/NA
Zinc	2400		5.7	4.2	mg/Kg	1	☼	6010D	Total/NA
Mercury	0.032	J	0.16	0.029	mg/Kg	1	☼	7471B	Total/NA
Cyanide, Total	190		17	13	mg/Kg	25	☼	9012B	Total/NA
Cyanide, Free	0.048		0.0060	0.0050	mg/L	1		OIA-1677	ASTM Leach

Client Sample ID: T2-375-N-0.0 — Lab Sample ID: 240-213776-4

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Acenaphthene	25	J	50	18	ug/Kg	1	☼	8270E	Total/NA
Acenaphthylene	28	J	50	19	ug/Kg	1	☼	8270E	Total/NA
Anthracene	100		50	15	ug/Kg	1	☼	8270E	Total/NA

This Detection Summary does not include radiochemical test results.

Eurofins Cleveland

Client Sample ID: T2-375-N-0.0 (Continued)

Lab Sample ID: 240-213776-4

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Benzo[a]anthracene	570		50	19	ug/Kg	1	☼	8270E	Total/NA
Benzo[a]pyrene	730		50	18	ug/Kg	1	☼	8270E	Total/NA
Benzo[b]fluoranthene	1100		50	15	ug/Kg	1	☼	8270E	Total/NA
Benzo[g,h,i]perylene	780		50	34	ug/Kg	1	☼	8270E	Total/NA
Benzo[k]fluoranthene	360		50	13	ug/Kg	1	☼	8270E	Total/NA
Chrysene	780		50	18	ug/Kg	1	☼	8270E	Total/NA
Dibenz(a,h)anthracene	140		50	19	ug/Kg	1	☼	8270E	Total/NA
Fluoranthene	1300		50	18	ug/Kg	1	☼	8270E	Total/NA
Fluorene	27	J	50	18	ug/Kg	1	☼	8270E	Total/NA
Indeno[1,2,3-cd]pyrene	560		50	15	ug/Kg	1	☼	8270E	Total/NA
Naphthalene	55		50	16	ug/Kg	1	☼	8270E	Total/NA
Phenanthrene	470		50	16	ug/Kg	1	☼	8270E	Total/NA
Pyrene	1100		50	20	ug/Kg	1	☼	8270E	Total/NA
Arsenic	9.9		1.5	0.32	mg/Kg	1	☼	6010D	Total/NA
Barium	58		20	0.13	mg/Kg	1	☼	6010D	Total/NA
Cadmium	0.25	J	0.51	0.049	mg/Kg	1	☼	6010D	Total/NA
Chromium	21		1.0	0.35	mg/Kg	1	☼	6010D	Total/NA
Copper	9.7		2.5	0.71	mg/Kg	1	☼	6010D	Total/NA
Lead	18		1.0	0.29	mg/Kg	1	☼	6010D	Total/NA
Selenium	0.76	J	2.0	0.48	mg/Kg	1	☼	6010D	Total/NA
Zinc	740		5.1	3.7	mg/Kg	1	☼	6010D	Total/NA
Mercury	0.047	J	0.11	0.020	mg/Kg	1	☼	7471B	Total/NA
Cyanide, Total	57		2.7	2.1	mg/Kg	5	☼	9012B	Total/NA
Cyanide, Free	0.012		0.0060	0.0050	mg/L	1		OIA-1677	ASTM Leach

Client Sample ID: T2-375-S-0.0

Lab Sample ID: 240-213776-5

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Anthracene	51	J	78	23	ug/Kg	1	☼	8270E	Total/NA
Benzo[a]anthracene	300		78	29	ug/Kg	1	☼	8270E	Total/NA
Benzo[a]pyrene	430		78	27	ug/Kg	1	☼	8270E	Total/NA
Benzo[b]fluoranthene	770		78	23	ug/Kg	1	☼	8270E	Total/NA
Benzo[g,h,i]perylene	490		78	53	ug/Kg	1	☼	8270E	Total/NA
Benzo[k]fluoranthene	320		78	19	ug/Kg	1	☼	8270E	Total/NA
Chrysene	560		78	27	ug/Kg	1	☼	8270E	Total/NA
Dibenz(a,h)anthracene	120		78	29	ug/Kg	1	☼	8270E	Total/NA
Fluoranthene	910		78	27	ug/Kg	1	☼	8270E	Total/NA
Indeno[1,2,3-cd]pyrene	370		78	23	ug/Kg	1	☼	8270E	Total/NA
Phenanthrene	330		78	25	ug/Kg	1	☼	8270E	Total/NA
Pyrene	760		78	31	ug/Kg	1	☼	8270E	Total/NA
Arsenic	12		2.3	0.48	mg/Kg	1	☼	6010D	Total/NA
Barium	75		30	0.19	mg/Kg	1	☼	6010D	Total/NA
Cadmium	0.48	J	0.75	0.072	mg/Kg	1	☼	6010D	Total/NA
Chromium	24		1.5	0.52	mg/Kg	1	☼	6010D	Total/NA
Copper	4.6		3.8	1.1	mg/Kg	1	☼	6010D	Total/NA
Lead	25		1.5	0.42	mg/Kg	1	☼	6010D	Total/NA
Selenium	0.88	J	3.0	0.71	mg/Kg	1	☼	6010D	Total/NA
Zinc	4800		38	27	mg/Kg	5	☼	6010D	Total/NA
Mercury	0.049	J	0.19	0.035	mg/Kg	1	☼	7471B	Total/NA
Cyanide, Total	270		21	17	mg/Kg	25	☼	9012B	Total/NA
Cyanide, Free	0.034		0.0060	0.0050	mg/L	1		OIA-1677	ASTM Leach

This Detection Summary does not include radiochemical test results.

Detection Summary

Client: August Mack Environmental, Inc.
Project/Site: MSC Canfield - N. Ditch Sampling

Job ID: 240-213776-1

Client Sample ID: T2-375-S-2.0 — Lab Sample ID: 240-213776-6

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Benzo[a]pyrene	21	J	53	19	ug/Kg	1	☼	8270E	Total/NA
Benzo[b]fluoranthene	35	J	53	16	ug/Kg	1	☼	8270E	Total/NA
Chrysene	27	J	53	19	ug/Kg	1	☼	8270E	Total/NA
Fluoranthene	42	J	53	19	ug/Kg	1	☼	8270E	Total/NA
Indeno[1,2,3-cd]pyrene	16	J	53	16	ug/Kg	1	☼	8270E	Total/NA
Pyrene	32	J	53	21	ug/Kg	1	☼	8270E	Total/NA
Arsenic	5.3		1.6	0.33	mg/Kg	1	☼	6010D	Total/NA
Barium	96		21	0.13	mg/Kg	1	☼	6010D	Total/NA
Cadmium	0.12	J	0.53	0.050	mg/Kg	1	☼	6010D	Total/NA
Chromium	18		1.1	0.36	mg/Kg	1	☼	6010D	Total/NA
Copper	13		5.3	1.5	mg/Kg	2	☼	6010D	Total/NA
Lead	7.3		1.1	0.30	mg/Kg	1	☼	6010D	Total/NA
Zinc	140		5.3	3.8	mg/Kg	1	☼	6010D	Total/NA
Cyanide, Total	40		2.8	2.2	mg/Kg	5	☼	9012B	Total/NA
Cyanide, Free	0.0089		0.0060	0.0050	mg/L	1		OIA-1677	ASTM Leach

Client Sample ID: TS-250-S-0.0 — Lab Sample ID: 240-213776-7

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Acenaphthylene	36	J	54	20	ug/Kg	1	☼	8270E	Total/NA
Anthracene	79		54	16	ug/Kg	1	☼	8270E	Total/NA
Benzo[a]anthracene	410		54	20	ug/Kg	1	☼	8270E	Total/NA
Benzo[a]pyrene	460		54	19	ug/Kg	1	☼	8270E	Total/NA
Benzo[b]fluoranthene	620		54	16	ug/Kg	1	☼	8270E	Total/NA
Benzo[g,h,i]perylene	400		54	36	ug/Kg	1	☼	8270E	Total/NA
Benzo[k]fluoranthene	260		54	13	ug/Kg	1	☼	8270E	Total/NA
Chrysene	520		54	19	ug/Kg	1	☼	8270E	Total/NA
Dibenz(a,h)anthracene	81		54	20	ug/Kg	1	☼	8270E	Total/NA
Fluoranthene	1100		54	19	ug/Kg	1	☼	8270E	Total/NA
Fluorene	30	J	54	19	ug/Kg	1	☼	8270E	Total/NA
Indeno[1,2,3-cd]pyrene	310		54	16	ug/Kg	1	☼	8270E	Total/NA
Naphthalene	36	J	54	17	ug/Kg	1	☼	8270E	Total/NA
Phenanthrene	550		54	17	ug/Kg	1	☼	8270E	Total/NA
Pyrene	920		54	21	ug/Kg	1	☼	8270E	Total/NA
Arsenic	12		1.8	0.37	mg/Kg	1	☼	6010D	Total/NA
Barium	66		24	0.15	mg/Kg	1	☼	6010D	Total/NA
Cadmium	0.21	J	0.59	0.057	mg/Kg	1	☼	6010D	Total/NA
Chromium	20		1.2	0.41	mg/Kg	1	☼	6010D	Total/NA
Copper	20		3.0	0.83	mg/Kg	1	☼	6010D	Total/NA
Lead	19		1.2	0.33	mg/Kg	1	☼	6010D	Total/NA
Selenium	0.75	J	2.4	0.56	mg/Kg	1	☼	6010D	Total/NA
Zinc	230		5.9	4.3	mg/Kg	1	☼	6010D	Total/NA
Mercury	0.047	J	0.14	0.025	mg/Kg	1	☼	7471B	Total/NA
Cyanide, Total	33		3.4	2.7	mg/Kg	5	☼	9012B	Total/NA
Cyanide, Free	0.0075		0.0060	0.0050	mg/L	1		OIA-1677	ASTM Leach

Client Sample ID: T2-250-N-0.0 — Lab Sample ID: 240-213776-8

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Acenaphthene	100		72	25	ug/Kg	1	☼	8270E	Total/NA
Acenaphthylene	48	J	72	27	ug/Kg	1	☼	8270E	Total/NA
Anthracene	670		72	22	ug/Kg	1	☼	8270E	Total/NA

This Detection Summary does not include radiochemical test results.

Client Sample ID: T2-250-N-0.0 (Continued)

Lab Sample ID: 240-213776-8

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Benzo[a]anthracene	2000		72	27	ug/Kg	1	☼	8270E	Total/NA
Benzo[a]pyrene	2800		72	25	ug/Kg	1	☼	8270E	Total/NA
Benzo[b]fluoranthene	3800		72	22	ug/Kg	1	☼	8270E	Total/NA
Benzo[g,h,i]perylene	2200		72	48	ug/Kg	1	☼	8270E	Total/NA
Benzo[k]fluoranthene	1500		72	18	ug/Kg	1	☼	8270E	Total/NA
Chrysene	2300		72	25	ug/Kg	1	☼	8270E	Total/NA
Dibenz(a,h)anthracene	400		72	27	ug/Kg	1	☼	8270E	Total/NA
Fluoranthene	4500		72	25	ug/Kg	1	☼	8270E	Total/NA
Fluorene	150		72	25	ug/Kg	1	☼	8270E	Total/NA
Indeno[1,2,3-cd]pyrene	1700		72	22	ug/Kg	1	☼	8270E	Total/NA
Naphthalene	55	J	72	23	ug/Kg	1	☼	8270E	Total/NA
Phenanthrene	2400		72	23	ug/Kg	1	☼	8270E	Total/NA
Pyrene	3800		72	29	ug/Kg	1	☼	8270E	Total/NA
Arsenic	13		2.2	0.47	mg/Kg	1	☼	6010D	Total/NA
Barium	73		30	0.19	mg/Kg	1	☼	6010D	Total/NA
Cadmium	0.38	J	0.74	0.071	mg/Kg	1	☼	6010D	Total/NA
Chromium	24		1.5	0.51	mg/Kg	1	☼	6010D	Total/NA
Copper	3.4	J F2 F1	3.7	1.0	mg/Kg	1	☼	6010D	Total/NA
Lead	30		1.5	0.42	mg/Kg	1	☼	6010D	Total/NA
Selenium	1.7	J	3.0	0.70	mg/Kg	1	☼	6010D	Total/NA
Zinc	4100		7.4	5.4	mg/Kg	1	☼	6010D	Total/NA
Mercury	0.049	J	0.17	0.031	mg/Kg	1	☼	7471B	Total/NA
Cyanide, Total	110		19	15	mg/Kg	25	☼	9012B	Total/NA
Cyanide, Free	0.025		0.0060	0.0050	mg/L	1		OIA-1677	ASTM Leach

Client Sample ID: DUP-6-20241025

Lab Sample ID: 240-213776-9

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Acenaphthylene	29	J	68	26	ug/Kg	1	☼	8270E	Total/NA
Anthracene	94		68	20	ug/Kg	1	☼	8270E	Total/NA
Benzo[a]anthracene	530		68	26	ug/Kg	1	☼	8270E	Total/NA
Benzo[a]pyrene	630		68	24	ug/Kg	1	☼	8270E	Total/NA
Benzo[b]fluoranthene	1000		68	20	ug/Kg	1	☼	8270E	Total/NA
Benzo[g,h,i]perylene	540		68	46	ug/Kg	1	☼	8270E	Total/NA
Benzo[k]fluoranthene	330		68	17	ug/Kg	1	☼	8270E	Total/NA
Chrysene	700		68	24	ug/Kg	1	☼	8270E	Total/NA
Dibenz(a,h)anthracene	99		68	26	ug/Kg	1	☼	8270E	Total/NA
Fluoranthene	1200		68	24	ug/Kg	1	☼	8270E	Total/NA
Fluorene	26	J	68	24	ug/Kg	1	☼	8270E	Total/NA
Indeno[1,2,3-cd]pyrene	440		68	20	ug/Kg	1	☼	8270E	Total/NA
Naphthalene	63	J	68	22	ug/Kg	1	☼	8270E	Total/NA
Phenanthrene	480		68	22	ug/Kg	1	☼	8270E	Total/NA
Pyrene	1000		68	27	ug/Kg	1	☼	8270E	Total/NA
Arsenic	17		2.0	0.43	mg/Kg	1	☼	6010D	Total/NA
Barium	77		27	0.17	mg/Kg	1	☼	6010D	Total/NA
Cadmium	0.32	J	0.67	0.065	mg/Kg	1	☼	6010D	Total/NA
Chromium	40		1.3	0.46	mg/Kg	1	☼	6010D	Total/NA
Copper	10		3.4	0.95	mg/Kg	1	☼	6010D	Total/NA
Lead	27		1.3	0.38	mg/Kg	1	☼	6010D	Total/NA
Selenium	1.4	J	2.7	0.63	mg/Kg	1	☼	6010D	Total/NA
Zinc	690		6.7	4.9	mg/Kg	1	☼	6010D	Total/NA

This Detection Summary does not include radiochemical test results.

Client Sample ID: DUP-6-20241025 (Continued)

Lab Sample ID: 240-213776-9

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Mercury	0.045	J	0.15	0.028	mg/Kg	1	☼	7471B	Total/NA
Cyanide, Total	170		22	18	mg/Kg	25	☼	9012B	Total/NA
Cyanide, Free	0.016		0.0060	0.0050	mg/L	1		OIA-1677	ASTM Leach

Client Sample ID: T2-250-N-1.0

Lab Sample ID: 240-213776-10

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Benzo[a]anthracene	27	J	49	18	ug/Kg	1	☼	8270E	Total/NA
Benzo[a]pyrene	34	J	49	17	ug/Kg	1	☼	8270E	Total/NA
Benzo[b]fluoranthene	57		49	15	ug/Kg	1	☼	8270E	Total/NA
Benzo[g,h,i]perylene	37	J	49	33	ug/Kg	1	☼	8270E	Total/NA
Benzo[k]fluoranthene	14	J	49	12	ug/Kg	1	☼	8270E	Total/NA
Chrysene	33	J	49	17	ug/Kg	1	☼	8270E	Total/NA
Fluoranthene	56		49	17	ug/Kg	1	☼	8270E	Total/NA
Indeno[1,2,3-cd]pyrene	25	J	49	15	ug/Kg	1	☼	8270E	Total/NA
Phenanthrene	21	J	49	16	ug/Kg	1	☼	8270E	Total/NA
Pyrene	52		49	20	ug/Kg	1	☼	8270E	Total/NA
Arsenic	15		1.8	0.38	mg/Kg	1	☼	6010D	Total/NA
Barium	60		24	0.15	mg/Kg	1	☼	6010D	Total/NA
Cadmium	0.11	J	0.61	0.058	mg/Kg	1	☼	6010D	Total/NA
Chromium	15		1.2	0.42	mg/Kg	1	☼	6010D	Total/NA
Copper	18		3.0	0.85	mg/Kg	1	☼	6010D	Total/NA
Lead	15		1.2	0.34	mg/Kg	1	☼	6010D	Total/NA
Zinc	86		6.1	4.4	mg/Kg	1	☼	6010D	Total/NA
Cyanide, Total	31		2.7	2.1	mg/Kg	5	☼	9012B	Total/NA

Client Sample ID: T2-100-S-0.0

Lab Sample ID: 240-213776-11

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Acenaphthene	42	J	51	18	ug/Kg	1	☼	8270E	Total/NA
Acenaphthylene	24	J	51	19	ug/Kg	1	☼	8270E	Total/NA
Anthracene	150		51	15	ug/Kg	1	☼	8270E	Total/NA
Benzo[a]anthracene	740		51	19	ug/Kg	1	☼	8270E	Total/NA
Benzo[a]pyrene	910		51	18	ug/Kg	1	☼	8270E	Total/NA
Benzo[b]fluoranthene	1300		51	15	ug/Kg	1	☼	8270E	Total/NA
Benzo[g,h,i]perylene	740		51	35	ug/Kg	1	☼	8270E	Total/NA
Benzo[k]fluoranthene	460		51	13	ug/Kg	1	☼	8270E	Total/NA
Chrysene	990		51	18	ug/Kg	1	☼	8270E	Total/NA
Dibenz(a,h)anthracene	140		51	19	ug/Kg	1	☼	8270E	Total/NA
Fluoranthene	1900		51	18	ug/Kg	1	☼	8270E	Total/NA
Fluorene	49	J	51	18	ug/Kg	1	☼	8270E	Total/NA
Indeno[1,2,3-cd]pyrene	590		51	15	ug/Kg	1	☼	8270E	Total/NA
Naphthalene	40	J	51	17	ug/Kg	1	☼	8270E	Total/NA
Phenanthrene	810		51	17	ug/Kg	1	☼	8270E	Total/NA
Pyrene	1600		51	20	ug/Kg	1	☼	8270E	Total/NA
Arsenic	11		1.8	0.39	mg/Kg	1	☼	6010D	Total/NA
Barium	65		25	0.15	mg/Kg	1	☼	6010D	Total/NA
Cadmium	0.32	J	0.61	0.059	mg/Kg	1	☼	6010D	Total/NA
Chromium	22		1.2	0.42	mg/Kg	1	☼	6010D	Total/NA
Copper	12		3.1	0.86	mg/Kg	1	☼	6010D	Total/NA
Lead	21		1.2	0.35	mg/Kg	1	☼	6010D	Total/NA
Selenium	1.4	J	2.5	0.58	mg/Kg	1	☼	6010D	Total/NA

This Detection Summary does not include radiochemical test results.

Client Sample ID: T2-100-S-0.0 (Continued)

Lab Sample ID: 240-213776-11

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Zinc	1000		6.1	4.4	mg/Kg	1	☼	6010D	Total/NA
Mercury	0.059	J	0.12	0.022	mg/Kg	1	☼	7471B	Total/NA
Cr (VI)	0.22	J	0.54	0.18	mg/Kg	1	☼	7196A	Total/NA
Cyanide, Total	130		16	13	mg/Kg	25	☼	9012B	Total/NA
Cyanide, Free	0.013		0.0060	0.0050	mg/L	1		OIA-1677	ASTM Leach

Client Sample ID: T2-100-N-0.0

Lab Sample ID: 240-213776-12

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Acenaphthene	70		53	19	ug/Kg	1	☼	8270E	Total/NA
Acenaphthylene	60		53	20	ug/Kg	1	☼	8270E	Total/NA
Anthracene	280		53	16	ug/Kg	1	☼	8270E	Total/NA
Benzo[a]anthracene	1500		53	20	ug/Kg	1	☼	8270E	Total/NA
Benzo[a]pyrene	1900		53	19	ug/Kg	1	☼	8270E	Total/NA
Benzo[b]fluoranthene	2900		53	16	ug/Kg	1	☼	8270E	Total/NA
Benzo[g,h,i]perylene	1400		53	36	ug/Kg	1	☼	8270E	Total/NA
Benzo[k]fluoranthene	900		53	13	ug/Kg	1	☼	8270E	Total/NA
Chrysene	2000		53	19	ug/Kg	1	☼	8270E	Total/NA
Dibenz(a,h)anthracene	310		53	20	ug/Kg	1	☼	8270E	Total/NA
Fluoranthene	3300		53	19	ug/Kg	1	☼	8270E	Total/NA
Fluorene	84		53	19	ug/Kg	1	☼	8270E	Total/NA
Indeno[1,2,3-cd]pyrene	1200		53	16	ug/Kg	1	☼	8270E	Total/NA
Naphthalene	65		53	17	ug/Kg	1	☼	8270E	Total/NA
Phenanthrene	1300		53	17	ug/Kg	1	☼	8270E	Total/NA
Pyrene	2900		53	21	ug/Kg	1	☼	8270E	Total/NA
Arsenic	13		1.9	0.39	mg/Kg	1	☼	6010D	Total/NA
Barium	77		25	0.16	mg/Kg	1	☼	6010D	Total/NA
Cadmium	0.41	J	0.62	0.060	mg/Kg	1	☼	6010D	Total/NA
Chromium	25		1.2	0.43	mg/Kg	1	☼	6010D	Total/NA
Copper	18		3.1	0.88	mg/Kg	1	☼	6010D	Total/NA
Lead	27		1.2	0.35	mg/Kg	1	☼	6010D	Total/NA
Selenium	1.4	J	2.5	0.59	mg/Kg	1	☼	6010D	Total/NA
Zinc	1200		6.2	4.5	mg/Kg	1	☼	6010D	Total/NA
Mercury	0.071	J	0.15	0.026	mg/Kg	1	☼	7471B	Total/NA
Cyanide, Total	7.7		0.58	0.46	mg/Kg	1	☼	9012B	Total/NA

This Detection Summary does not include radiochemical test results.

Client Sample ID: T2-500-S-2.0
Date Collected: 10/25/24 09:00
Date Received: 10/25/24 16:53

Lab Sample ID: 240-213776-1
Matrix: Solid
Percent Solids: 76.8

Method: SW846 8270E - Semivolatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acenaphthene	ND		52	18	ug/Kg	☼	10/29/24 08:54	11/04/24 12:48	1
Acenaphthylene	ND		52	20	ug/Kg	☼	10/29/24 08:54	11/04/24 12:48	1
Anthracene	ND		52	16	ug/Kg	☼	10/29/24 08:54	11/04/24 12:48	1
Benzo[a]anthracene	ND		52	20	ug/Kg	☼	10/29/24 08:54	11/04/24 12:48	1
Benzo[a]pyrene	ND		52	18	ug/Kg	☼	10/29/24 08:54	11/04/24 12:48	1
Benzo[b]fluoranthene	ND		52	16	ug/Kg	☼	10/29/24 08:54	11/04/24 12:48	1
Benzo[g,h,i]perylene	ND		52	35	ug/Kg	☼	10/29/24 08:54	11/04/24 12:48	1
Benzo[k]fluoranthene	ND		52	13	ug/Kg	☼	10/29/24 08:54	11/04/24 12:48	1
Chrysene	ND		52	18	ug/Kg	☼	10/29/24 08:54	11/04/24 12:48	1
Dibenz(a,h)anthracene	ND		52	20	ug/Kg	☼	10/29/24 08:54	11/04/24 12:48	1
Fluoranthene	ND		52	18	ug/Kg	☼	10/29/24 08:54	11/04/24 12:48	1
Fluorene	ND		52	18	ug/Kg	☼	10/29/24 08:54	11/04/24 12:48	1
Indeno[1,2,3-cd]pyrene	ND		52	16	ug/Kg	☼	10/29/24 08:54	11/04/24 12:48	1
Naphthalene	ND		52	17	ug/Kg	☼	10/29/24 08:54	11/04/24 12:48	1
Phenanthrene	ND		52	17	ug/Kg	☼	10/29/24 08:54	11/04/24 12:48	1
Pyrene	ND		52	21	ug/Kg	☼	10/29/24 08:54	11/04/24 12:48	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2,4,6-Tribromophenol (Surr)	*37*		*10 - 120*	*10/29/24 08:54*	*11/04/24 12:48*	*1*
2-Fluorobiphenyl (Surr)	*71*		*36 - 120*	*10/29/24 08:54*	*11/04/24 12:48*	*1*
2-Fluorophenol (Surr)	*72*		*26 - 120*	*10/29/24 08:54*	*11/04/24 12:48*	*1*
Nitrobenzene-d5 (Surr)	*65*		*28 - 120*	*10/29/24 08:54*	*11/04/24 12:48*	*1*
Phenol-d5 (Surr)	*75*		*29 - 120*	*10/29/24 08:54*	*11/04/24 12:48*	*1*
Terphenyl-d14 (Surr)	*73*		*37 - 120*	*10/29/24 08:54*	*11/04/24 12:48*	*1*

Method: SW846 6010D - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	**15**		1.7	0.35	mg/Kg	☼	10/28/24 15:00	10/31/24 03:28	1
Barium	**71**		22	0.14	mg/Kg	☼	10/28/24 15:00	10/31/24 03:28	1
Cadmium	**0.073**	**J**	0.56	0.054	mg/Kg	☼	10/28/24 15:00	10/31/24 03:28	1
Chromium	**20**		1.1	0.39	mg/Kg	☼	10/28/24 15:00	10/31/24 03:28	1
Copper	**19**		2.8	0.79	mg/Kg	☼	10/28/24 15:00	10/31/24 03:28	1
Lead	**10**		1.1	0.32	mg/Kg	☼	10/28/24 15:00	10/31/24 03:28	1
Selenium	ND		2.2	0.53	mg/Kg	☼	10/28/24 15:00	10/31/24 03:28	1
Silver	ND		1.1	0.091	mg/Kg	☼	10/28/24 15:00	10/31/24 03:28	1
Zinc	**60**		5.6	4.1	mg/Kg	☼	10/28/24 15:00	10/31/24 03:28	1

Method: SW846 7471B - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	ND		0.16	0.028	mg/Kg	☼	10/28/24 15:00	10/29/24 10:46	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cr (VI) (SW846 7196A)	ND		0.54	0.18	mg/Kg	☼	11/07/24 12:04	11/09/24 08:06	1
Cyanide, Total (SW846 9012B)	ND		0.78	0.62	mg/Kg	☼	11/06/24 09:13	11/06/24 11:45	1

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Solids (EPA Moisture)	**76.8**		0.1	0.1	%			10/28/24 09:38	1
Percent Moisture (EPA Moisture)	**23.2**		0.1	0.1	%			10/28/24 09:38	1

Client: August Mack Environmental, Inc.
Job ID: 240-213776-1
Project/Site: MSC Canfield - N. Ditch Sampling

Client Sample ID: T2-500-S-2.0
Lab Sample ID: 240-213776-1
Date Collected: 10/25/24 09:00
Matrix: Solid
Date Received: 10/25/24 16:53
Percent Solids: 76.8

General Chemistry - ASTM Leach

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cyanide, Free (OI CORP OIA-1677)	ND		0.0060	0.0050	mg/L			11/09/24 16:33	1

Client: August Mack Environmental, Inc.
Project/Site: MSC Canfield - N. Ditch Sampling

Job ID: 240-213776-1

Client Sample ID: T2-500-N-2.0
Date Collected: 10/25/24 09:30
Date Received: 10/25/24 16:53

Lab Sample ID: 240-213776-2
Matrix: Solid
Percent Solids: 75.1

Method: SW846 8270E - Semivolatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acenaphthene	ND		52	18	ug/Kg	☼	10/29/24 08:54	11/04/24 13:12	1
Acenaphthylene	ND		52	20	ug/Kg	☼	10/29/24 08:54	11/04/24 13:12	1
Anthracene	ND		52	16	ug/Kg	☼	10/29/24 08:54	11/04/24 13:12	1
Benzo[a]anthracene	ND		52	20	ug/Kg	☼	10/29/24 08:54	11/04/24 13:12	1
Benzo[a]pyrene	ND		52	18	ug/Kg	☼	10/29/24 08:54	11/04/24 13:12	1
Benzo[b]fluoranthene	ND		52	16	ug/Kg	☼	10/29/24 08:54	11/04/24 13:12	1
Benzo[g,h,i]perylene	ND		52	35	ug/Kg	☼	10/29/24 08:54	11/04/24 13:12	1
Benzo[k]fluoranthene	ND		52	13	ug/Kg	☼	10/29/24 08:54	11/04/24 13:12	1
Chrysene	ND		52	18	ug/Kg	☼	10/29/24 08:54	11/04/24 13:12	1
Dibenz(a,h)anthracene	ND		52	20	ug/Kg	☼	10/29/24 08:54	11/04/24 13:12	1
Fluoranthene	ND		52	18	ug/Kg	☼	10/29/24 08:54	11/04/24 13:12	1
Fluorene	ND		52	18	ug/Kg	☼	10/29/24 08:54	11/04/24 13:12	1
Indeno[1,2,3-cd]pyrene	ND		52	16	ug/Kg	☼	10/29/24 08:54	11/04/24 13:12	1
Naphthalene	ND		52	17	ug/Kg	☼	10/29/24 08:54	11/04/24 13:12	1
Phenanthrene	ND		52	17	ug/Kg	☼	10/29/24 08:54	11/04/24 13:12	1
Pyrene	ND		52	21	ug/Kg	☼	10/29/24 08:54	11/04/24 13:12	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2,4,6-Tribromophenol (Surr)	*20*		*10 - 120*	*10/29/24 08:54*	*11/04/24 13:12*	*1*
2-Fluorobiphenyl (Surr)	*78*		*36 - 120*	*10/29/24 08:54*	*11/04/24 13:12*	*1*
2-Fluorophenol (Surr)	*82*		*26 - 120*	*10/29/24 08:54*	*11/04/24 13:12*	*1*
Nitrobenzene-d5 (Surr)	*69*		*28 - 120*	*10/29/24 08:54*	*11/04/24 13:12*	*1*
Phenol-d5 (Surr)	*80*		*29 - 120*	*10/29/24 08:54*	*11/04/24 13:12*	*1*
Terphenyl-d14 (Surr)	*78*		*37 - 120*	*10/29/24 08:54*	*11/04/24 13:12*	*1*

Method: SW846 6010D - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	**8.0**		1.7	0.36	mg/Kg	☼	10/28/24 15:00	10/31/24 03:32	1
Barium	**69**		23	0.14	mg/Kg	☼	10/28/24 15:00	10/31/24 03:32	1
Cadmium	ND		0.57	0.055	mg/Kg	☼	10/28/24 15:00	10/31/24 03:32	1
Chromium	**21**		1.1	0.39	mg/Kg	☼	10/28/24 15:00	10/31/24 03:32	1
Copper	**18**		2.8	0.80	mg/Kg	☼	10/28/24 15:00	10/31/24 03:32	1
Lead	**9.4**		1.1	0.32	mg/Kg	☼	10/28/24 15:00	10/31/24 03:32	1
Selenium	**0.71**	**J**	2.3	0.53	mg/Kg	☼	10/28/24 15:00	10/31/24 03:32	1
Silver	ND		1.1	0.092	mg/Kg	☼	10/28/24 15:00	10/31/24 03:32	1
Zinc	**61**		5.7	4.1	mg/Kg	☼	10/28/24 15:00	10/31/24 03:32	1

Method: SW846 7471B - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	ND		0.13	0.023	mg/Kg	☼	10/28/24 15:00	10/29/24 10:48	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cr (VI) (SW846 7196A)	ND		0.55	0.18	mg/Kg	☼	11/07/24 12:04	11/09/24 08:06	1
Cyanide, Total (SW846 9012B)	ND		0.72	0.57	mg/Kg	☼	11/06/24 09:13	11/06/24 11:47	1

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Solids (EPA Moisture)	**75.1**		0.1	0.1	%			10/28/24 09:38	1
Percent Moisture (EPA Moisture)	**24.9**		0.1	0.1	%			10/28/24 09:38	1

Client: August Mack Environmental, Inc.
Job ID: 240-213776-1
Project/Site: MSC Canfield - N. Ditch Sampling

Client Sample ID: T2-500-N-2.0
Lab Sample ID: 240-213776-2
Date Collected: 10/25/24 09:30
Matrix: Solid
Date Received: 10/25/24 16:53
Percent Solids: 75.1

General Chemistry - ASTM Leach

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cyanide, Free (OI CORP OIA-1677)	ND		0.0060	0.0050	mg/L			11/09/24 16:03	1

Client: August Mack Environmental, Inc.
Project/Site: MSC Canfield - N. Ditch Sampling

Job ID: 240-213776-1

Client Sample ID: T2-375-C-0.0
Date Collected: 10/25/24 10:10
Date Received: 10/25/24 16:53

Lab Sample ID: 240-213776-3
Matrix: Solid
Percent Solids: 69.6

Method: SW846 8270E - Semivolatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acenaphthene	ND	F2	58	20	ug/Kg	☼	10/29/24 08:54	11/04/24 15:38	1
Acenaphthylene	ND	F2	58	22	ug/Kg	☼	10/29/24 08:54	11/04/24 15:38	1
Anthracene	**37**	**J**	58	17	ug/Kg	☼	10/29/24 08:54	11/04/24 15:38	1
Benzo[a]anthracene	**210**	**F1**	58	22	ug/Kg	☼	10/29/24 08:54	11/04/24 15:38	1
Benzo[a]pyrene	**270**	**F1**	58	20	ug/Kg	☼	10/29/24 08:54	11/04/24 15:38	1
Benzo[b]fluoranthene	**450**	**F2 F1**	58	17	ug/Kg	☼	10/29/24 08:54	11/04/24 15:38	1
Benzo[g,h,i]perylene	**330**	**F1**	58	39	ug/Kg	☼	10/29/24 08:54	11/04/24 15:38	1
Benzo[k]fluoranthene	**160**	**F1**	58	14	ug/Kg	☼	10/29/24 08:54	11/04/24 15:38	1
Chrysene	**340**	**F1**	58	20	ug/Kg	☼	10/29/24 08:54	11/04/24 15:38	1
Dibenz(a,h)anthracene	**64**		58	22	ug/Kg	☼	10/29/24 08:54	11/04/24 15:38	1
Fluoranthene	**530**	**F1**	58	20	ug/Kg	☼	10/29/24 08:54	11/04/24 15:38	1
Fluorene	ND	F2	58	20	ug/Kg	☼	10/29/24 08:54	11/04/24 15:38	1
Indeno[1,2,3-cd]pyrene	**230**	**F1**	58	17	ug/Kg	☼	10/29/24 08:54	11/04/24 15:38	1
Naphthalene	ND	F2	58	19	ug/Kg	☼	10/29/24 08:54	11/04/24 15:38	1
Phenanthrene	**210**	**F1**	58	19	ug/Kg	☼	10/29/24 08:54	11/04/24 15:38	1
Pyrene	**470**	**F1**	58	23	ug/Kg	☼	10/29/24 08:54	11/04/24 15:38	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2,4,6-Tribromophenol (Surr)	*54*		*10 - 120*	*10/29/24 08:54*	*11/04/24 15:38*	*1*
2-Fluorobiphenyl (Surr)	*75*		*36 - 120*	*10/29/24 08:54*	*11/04/24 15:38*	*1*
2-Fluorophenol (Surr)	*76*		*26 - 120*	*10/29/24 08:54*	*11/04/24 15:38*	*1*
Nitrobenzene-d5 (Surr)	*67*		*28 - 120*	*10/29/24 08:54*	*11/04/24 15:38*	*1*
Phenol-d5 (Surr)	*76*		*29 - 120*	*10/29/24 08:54*	*11/04/24 15:38*	*1*
Terphenyl-d14 (Surr)	*70*		*37 - 120*	*10/29/24 08:54*	*11/04/24 15:38*	*1*

Method: SW846 6010D - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	**12**		1.7	0.36	mg/Kg	☼	10/28/24 15:00	10/31/24 01:53	1
Barium	**65**		23	0.14	mg/Kg	☼	10/28/24 15:00	10/31/24 01:53	1
Cadmium	**0.23**	**J**	0.57	0.055	mg/Kg	☼	10/28/24 15:00	10/31/24 01:53	1
Chromium	**19**		1.1	0.39	mg/Kg	☼	10/28/24 15:00	10/31/24 01:53	1
Copper	**4.2**	**F1**	2.9	0.81	mg/Kg	☼	10/28/24 15:00	10/31/24 01:53	1
Lead	**18**		1.1	0.32	mg/Kg	☼	10/28/24 15:00	10/31/24 01:53	1
Selenium	**0.87**	**J**	2.3	0.54	mg/Kg	☼	10/28/24 15:00	10/31/24 01:53	1
Silver	ND		1.1	0.093	mg/Kg	☼	10/28/24 15:00	10/31/24 01:53	1
Zinc	**2400**		5.7	4.2	mg/Kg	☼	10/28/24 15:00	10/31/24 01:53	1

Method: SW846 7471B - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	**0.032**	**J**	0.16	0.029	mg/Kg	☼	10/28/24 15:00	10/29/24 10:14	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cr (VI) (SW846 7196A)	ND	F1	0.60	0.20	mg/Kg	☼	11/07/24 12:04	11/09/24 08:06	1
Cyanide, Total (SW846 9012B)	**190**		17	13	mg/Kg	☼	11/06/24 09:13	11/06/24 11:33	25

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Solids (EPA Moisture)	**69.6**		0.1	0.1	%			10/28/24 09:38	1
Percent Moisture (EPA Moisture)	**30.4**		0.1	0.1	%			10/28/24 09:38	1

Client: August Mack Environmental, Inc.
Project/Site: MSC Canfield - N. Ditch Sampling

Job ID: 240-213776-1

Client Sample ID: T2-375-C-0.0
Date Collected: 10/25/24 10:10
Date Received: 10/25/24 16:53

Lab Sample ID: 240-213776-3
Matrix: Solid
Percent Solids: 69.6

General Chemistry - ASTM Leach

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cyanide, Free (OI CORP OIA-1677)	0.048		0.0060	0.0050	mg/L			11/09/24 16:43	1

Client: August Mack Environmental, Inc.
Project/Site: MSC Canfield - N. Ditch Sampling

Job ID: 240-213776-1

Client Sample ID: T2-375-N-0.0

Date Collected: 10/25/24 10:20
Date Received: 10/25/24 16:53

Lab Sample ID: 240-213776-4

Matrix: Solid
Percent Solids: 78.3

Method: SW846 8270E - Semivolatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acenaphthene	25	J	50	18	ug/Kg	☼	10/29/24 08:54	11/04/24 16:51	1
Acenaphthylene	28	J	50	19	ug/Kg	☼	10/29/24 08:54	11/04/24 16:51	1
Anthracene	100		50	15	ug/Kg	☼	10/29/24 08:54	11/04/24 16:51	1
Benzo[a]anthracene	570		50	19	ug/Kg	☼	10/29/24 08:54	11/04/24 16:51	1
Benzo[a]pyrene	730		50	18	ug/Kg	☼	10/29/24 08:54	11/04/24 16:51	1
Benzo[b]fluoranthene	1100		50	15	ug/Kg	☼	10/29/24 08:54	11/04/24 16:51	1
Benzo[g,h,i]perylene	780		50	34	ug/Kg	☼	10/29/24 08:54	11/04/24 16:51	1
Benzo[k]fluoranthene	360		50	13	ug/Kg	☼	10/29/24 08:54	11/04/24 16:51	1
Chrysene	780		50	18	ug/Kg	☼	10/29/24 08:54	11/04/24 16:51	1
Dibenz(a,h)anthracene	140		50	19	ug/Kg	☼	10/29/24 08:54	11/04/24 16:51	1
Fluoranthene	1300		50	18	ug/Kg	☼	10/29/24 08:54	11/04/24 16:51	1
Fluorene	27	J	50	18	ug/Kg	☼	10/29/24 08:54	11/04/24 16:51	1
Indeno[1,2,3-cd]pyrene	560		50	15	ug/Kg	☼	10/29/24 08:54	11/04/24 16:51	1
Naphthalene	55		50	16	ug/Kg	☼	10/29/24 08:54	11/04/24 16:51	1
Phenanthrene	470		50	16	ug/Kg	☼	10/29/24 08:54	11/04/24 16:51	1
Pyrene	1100		50	20	ug/Kg	☼	10/29/24 08:54	11/04/24 16:51	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2,4,6-Tribromophenol (Surr)	*61*		*10 - 120*	*10/29/24 08:54*	*11/04/24 16:51*	*1*
2-Fluorobiphenyl (Surr)	*75*		*36 - 120*	*10/29/24 08:54*	*11/04/24 16:51*	*1*
2-Fluorophenol (Surr)	*74*		*26 - 120*	*10/29/24 08:54*	*11/04/24 16:51*	*1*
Nitrobenzene-d5 (Surr)	*66*		*28 - 120*	*10/29/24 08:54*	*11/04/24 16:51*	*1*
Phenol-d5 (Surr)	*76*		*29 - 120*	*10/29/24 08:54*	*11/04/24 16:51*	*1*
Terphenyl-d14 (Surr)	*68*		*37 - 120*	*10/29/24 08:54*	*11/04/24 16:51*	*1*

Method: SW846 6010D - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	9.9		1.5	0.32	mg/Kg	☼	10/28/24 15:00	10/31/24 03:42	1
Barium	58		20	0.13	mg/Kg	☼	10/28/24 15:00	10/31/24 03:42	1
Cadmium	0.25	J	0.51	0.049	mg/Kg	☼	10/28/24 15:00	10/31/24 03:42	1
Chromium	21		1.0	0.35	mg/Kg	☼	10/28/24 15:00	10/31/24 03:42	1
Copper	9.7		2.5	0.71	mg/Kg	☼	10/28/24 15:00	10/31/24 03:42	1
Lead	18		1.0	0.29	mg/Kg	☼	10/28/24 15:00	10/31/24 03:42	1
Selenium	0.76	J	2.0	0.48	mg/Kg	☼	10/28/24 15:00	10/31/24 03:42	1
Silver	ND		1.0	0.082	mg/Kg	☼	10/28/24 15:00	10/31/24 03:42	1
Zinc	740		5.1	3.7	mg/Kg	☼	10/28/24 15:00	10/31/24 03:42	1

Method: SW846 7471B - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.047	J	0.11	0.020	mg/Kg	☼	10/28/24 15:00	10/29/24 10:52	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cr (VI) (SW846 7196A)	ND		0.52	0.17	mg/Kg	☼	11/07/24 12:04	11/09/24 08:06	1
Cyanide, Total (SW846 9012B)	57		2.7	2.1	mg/Kg	☼	11/06/24 09:13	11/06/24 13:15	5

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Solids (EPA Moisture)	78.3		0.1	0.1	%			10/28/24 09:38	1
Percent Moisture (EPA Moisture)	21.7		0.1	0.1	%			10/28/24 09:38	1

Client: August Mack Environmental, Inc.
Job ID: 240-213776-1
Project/Site: MSC Canfield - N. Ditch Sampling

Client Sample ID: T2-375-N-0.0
Lab Sample ID: 240-213776-4
Date Collected: 10/25/24 10:20
Matrix: Solid
Date Received: 10/25/24 16:53
Percent Solids: 78.3

General Chemistry - ASTM Leach

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cyanide, Free (OI CORP OIA-1677)	0.012		0.0060	0.0050	mg/L			11/09/24 16:20	1

Client: August Mack Environmental, Inc.
Project/Site: MSC Canfield - N. Ditch Sampling

Job ID: 240-213776-1

Client Sample ID: T2-375-S-0.0

Date Collected: 10/25/24 10:35
Date Received: 10/25/24 16:53

Lab Sample ID: 240-213776-5

Matrix: Solid
Percent Solids: 51.5

Method: SW846 8270E - Semivolatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acenaphthene	ND		78	27	ug/Kg	☼	10/29/24 08:54	11/04/24 17:16	1
Acenaphthylene	ND		78	29	ug/Kg	☼	10/29/24 08:54	11/04/24 17:16	1
Anthracene	**51**	**J**	78	23	ug/Kg	☼	10/29/24 08:54	11/04/24 17:16	1
Benzo[a]anthracene	**300**		78	29	ug/Kg	☼	10/29/24 08:54	11/04/24 17:16	1
Benzo[a]pyrene	**430**		78	27	ug/Kg	☼	10/29/24 08:54	11/04/24 17:16	1
Benzo[b]fluoranthene	**770**		78	23	ug/Kg	☼	10/29/24 08:54	11/04/24 17:16	1
Benzo[g,h,i]perylene	**490**		78	53	ug/Kg	☼	10/29/24 08:54	11/04/24 17:16	1
Benzo[k]fluoranthene	**320**		78	19	ug/Kg	☼	10/29/24 08:54	11/04/24 17:16	1
Chrysene	**560**		78	27	ug/Kg	☼	10/29/24 08:54	11/04/24 17:16	1
Dibenz(a,h)anthracene	**120**		78	29	ug/Kg	☼	10/29/24 08:54	11/04/24 17:16	1
Fluoranthene	**910**		78	27	ug/Kg	☼	10/29/24 08:54	11/04/24 17:16	1
Fluorene	ND		78	27	ug/Kg	☼	10/29/24 08:54	11/04/24 17:16	1
Indeno[1,2,3-cd]pyrene	**370**		78	23	ug/Kg	☼	10/29/24 08:54	11/04/24 17:16	1
Naphthalene	ND		78	25	ug/Kg	☼	10/29/24 08:54	11/04/24 17:16	1
Phenanthrene	**330**		78	25	ug/Kg	☼	10/29/24 08:54	11/04/24 17:16	1
Pyrene	**760**		78	31	ug/Kg	☼	10/29/24 08:54	11/04/24 17:16	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2,4,6-Tribromophenol (Surr)	*47*		*10 - 120*	*10/29/24 08:54*	*11/04/24 17:16*	*1*
2-Fluorobiphenyl (Surr)	*64*		*36 - 120*	*10/29/24 08:54*	*11/04/24 17:16*	*1*
2-Fluorophenol (Surr)	*62*		*26 - 120*	*10/29/24 08:54*	*11/04/24 17:16*	*1*
Nitrobenzene-d5 (Surr)	*56*		*28 - 120*	*10/29/24 08:54*	*11/04/24 17:16*	*1*
Phenol-d5 (Surr)	*64*		*29 - 120*	*10/29/24 08:54*	*11/04/24 17:16*	*1*
Terphenyl-d14 (Surr)	*55*		*37 - 120*	*10/29/24 08:54*	*11/04/24 17:16*	*1*

Method: SW846 6010D - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	**12**		2.3	0.48	mg/Kg	☼	10/28/24 15:00	10/31/24 03:46	1
Barium	**75**		30	0.19	mg/Kg	☼	10/28/24 15:00	10/31/24 03:46	1
Cadmium	**0.48**	**J**	0.75	0.072	mg/Kg	☼	10/28/24 15:00	10/31/24 03:46	1
Chromium	**24**		1.5	0.52	mg/Kg	☼	10/28/24 15:00	10/31/24 03:46	1
Copper	**4.6**		3.8	1.1	mg/Kg	☼	10/28/24 15:00	10/31/24 03:46	1
Lead	**25**		1.5	0.42	mg/Kg	☼	10/28/24 15:00	10/31/24 03:46	1
Selenium	**0.88**	**J**	3.0	0.71	mg/Kg	☼	10/28/24 15:00	10/31/24 03:46	1
Silver	ND		1.5	0.12	mg/Kg	☼	10/28/24 15:00	10/31/24 03:46	1
Zinc	**4800**		38	27	mg/Kg	☼	10/28/24 15:00	10/31/24 08:53	5

Method: SW846 7471B - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	**0.049**	**J**	0.19	0.035	mg/Kg	☼	10/28/24 15:00	10/29/24 10:53	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cr (VI) (SW846 7196A)	ND		0.79	0.26	mg/Kg	☼	11/07/24 12:04	11/09/24 08:06	1
Cyanide, Total (SW846 9012B)	**270**		21	17	mg/Kg	☼	11/06/24 09:13	11/06/24 11:57	25

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Solids (EPA Moisture)	**51.5**		0.1	0.1	%			10/28/24 09:38	1
Percent Moisture (EPA Moisture)	**48.5**		0.1	0.1	%			10/28/24 09:38	1

Client: August Mack Environmental, Inc.
Project/Site: MSC Canfield - N. Ditch Sampling

Job ID: 240-213776-1

Client Sample ID: T2-375-S-0.0
Date Collected: 10/25/24 10:35
Date Received: 10/25/24 16:53

Lab Sample ID: 240-213776-5
Matrix: Solid
Percent Solids: 51.5

General Chemistry - ASTM Leach

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cyanide, Free (OI CORP OIA-1677)	0.034		0.0060	0.0050	mg/L			11/07/24 14:17	1

Client Sample ID: T2-375-S-2.0

Date Collected: 10/25/24 11:15
Date Received: 10/25/24 16:53

Lab Sample ID: 240-213776-6

Matrix: Solid
Percent Solids: 76.2

Method: SW846 8270E - Semivolatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acenaphthene	ND		53	19	ug/Kg	☼	10/29/24 08:54	11/04/24 14:01	1
Acenaphthylene	ND		53	20	ug/Kg	☼	10/29/24 08:54	11/04/24 14:01	1
Anthracene	ND		53	16	ug/Kg	☼	10/29/24 08:54	11/04/24 14:01	1
Benzo[a]anthracene	ND		53	20	ug/Kg	☼	10/29/24 08:54	11/04/24 14:01	1
Benzo[a]pyrene	**21**	**J**	53	19	ug/Kg	☼	10/29/24 08:54	11/04/24 14:01	1
Benzo[b]fluoranthene	**35**	**J**	53	16	ug/Kg	☼	10/29/24 08:54	11/04/24 14:01	1
Benzo[g,h,i]perylene	ND		53	36	ug/Kg	☼	10/29/24 08:54	11/04/24 14:01	1
Benzo[k]fluoranthene	ND		53	13	ug/Kg	☼	10/29/24 08:54	11/04/24 14:01	1
Chrysene	**27**	**J**	53	19	ug/Kg	☼	10/29/24 08:54	11/04/24 14:01	1
Dibenz(a,h)anthracene	ND		53	20	ug/Kg	☼	10/29/24 08:54	11/04/24 14:01	1
Fluoranthene	**42**	**J**	53	19	ug/Kg	☼	10/29/24 08:54	11/04/24 14:01	1
Fluorene	ND		53	19	ug/Kg	☼	10/29/24 08:54	11/04/24 14:01	1
Indeno[1,2,3-cd]pyrene	**16**	**J**	53	16	ug/Kg	☼	10/29/24 08:54	11/04/24 14:01	1
Naphthalene	ND		53	17	ug/Kg	☼	10/29/24 08:54	11/04/24 14:01	1
Phenanthrene	ND		53	17	ug/Kg	☼	10/29/24 08:54	11/04/24 14:01	1
Pyrene	**32**	**J**	53	21	ug/Kg	☼	10/29/24 08:54	11/04/24 14:01	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2,4,6-Tribromophenol (Surr)	*37*		*10 - 120*	*10/29/24 08:54*	*11/04/24 14:01*	*1*
2-Fluorobiphenyl (Surr)	*74*		*36 - 120*	*10/29/24 08:54*	*11/04/24 14:01*	*1*
2-Fluorophenol (Surr)	*75*		*26 - 120*	*10/29/24 08:54*	*11/04/24 14:01*	*1*
Nitrobenzene-d5 (Surr)	*65*		*28 - 120*	*10/29/24 08:54*	*11/04/24 14:01*	*1*
Phenol-d5 (Surr)	*73*		*29 - 120*	*10/29/24 08:54*	*11/04/24 14:01*	*1*
Terphenyl-d14 (Surr)	*76*		*37 - 120*	*10/29/24 08:54*	*11/04/24 14:01*	*1*

Method: SW846 6010D - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	**5.3**		1.6	0.33	mg/Kg	☼	10/28/24 15:00	10/31/24 03:51	1
Barium	**96**		21	0.13	mg/Kg	☼	10/28/24 15:00	10/31/24 03:51	1
Cadmium	**0.12**	**J**	0.53	0.050	mg/Kg	☼	10/28/24 15:00	10/31/24 03:51	1
Chromium	**18**		1.1	0.36	mg/Kg	☼	10/28/24 15:00	10/31/24 03:51	1
Copper	**13**		5.3	1.5	mg/Kg	☼	10/28/24 15:00	10/31/24 08:58	2
Lead	**7.3**		1.1	0.30	mg/Kg	☼	10/28/24 15:00	10/31/24 03:51	1
Selenium	ND		2.1	0.49	mg/Kg	☼	10/28/24 15:00	10/31/24 03:51	1
Silver	ND		1.1	0.085	mg/Kg	☼	10/28/24 15:00	10/31/24 03:51	1
Zinc	**140**		5.3	3.8	mg/Kg	☼	10/28/24 15:00	10/31/24 03:51	1

Method: SW846 7471B - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	ND		0.14	0.024	mg/Kg	☼	10/28/24 15:00	10/29/24 10:55	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cr (VI) (SW846 7196A)	ND		0.54	0.18	mg/Kg	☼	11/07/24 12:04	11/09/24 08:06	1
Cyanide, Total (SW846 9012B)	**40**		2.8	2.2	mg/Kg	☼	11/06/24 09:13	11/06/24 13:20	5

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Solids (EPA Moisture)	**76.2**		0.1	0.1	%			10/28/24 09:38	1
Percent Moisture (EPA Moisture)	**23.8**		0.1	0.1	%			10/28/24 09:38	1

Client: August Mack Environmental, Inc.
Project/Site: MSC Canfield - N. Ditch Sampling

Job ID: 240-213776-1

Client Sample ID: T2-375-S-2.0
Date Collected: 10/25/24 11:15
Date Received: 10/25/24 16:53

Lab Sample ID: 240-213776-6
Matrix: Solid
Percent Solids: 76.2

General Chemistry - ASTM Leach

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cyanide, Free (OI CORP OIA-1677)	0.0089		0.0060	0.0050	mg/L			11/09/24 16:15	1

Client: August Mack Environmental, Inc.
Project/Site: MSC Canfield - N. Ditch Sampling

Job ID: 240-213776-1

Client Sample ID: TS-250-S-0.0

Date Collected: 10/25/24 12:10
Date Received: 10/25/24 16:53

Lab Sample ID: 240-213776-7

Matrix: Solid
Percent Solids: 74.0

Method: SW846 8270E - Semivolatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acenaphthene	ND		54	19	ug/Kg	☼	10/29/24 08:54	11/04/24 17:40	1
Acenaphthylene	**36**	**J**	54	20	ug/Kg	☼	10/29/24 08:54	11/04/24 17:40	1
Anthracene	**79**		54	16	ug/Kg	☼	10/29/24 08:54	11/04/24 17:40	1
Benzo[a]anthracene	**410**		54	20	ug/Kg	☼	10/29/24 08:54	11/04/24 17:40	1
Benzo[a]pyrene	**460**		54	19	ug/Kg	☼	10/29/24 08:54	11/04/24 17:40	1
Benzo[b]fluoranthene	**620**		54	16	ug/Kg	☼	10/29/24 08:54	11/04/24 17:40	1
Benzo[g,h,i]perylene	**400**		54	36	ug/Kg	☼	10/29/24 08:54	11/04/24 17:40	1
Benzo[k]fluoranthene	**260**		54	13	ug/Kg	☼	10/29/24 08:54	11/04/24 17:40	1
Chrysene	**520**		54	19	ug/Kg	☼	10/29/24 08:54	11/04/24 17:40	1
Dibenz(a,h)anthracene	**81**		54	20	ug/Kg	☼	10/29/24 08:54	11/04/24 17:40	1
Fluoranthene	**1100**		54	19	ug/Kg	☼	10/29/24 08:54	11/04/24 17:40	1
Fluorene	**30**	**J**	54	19	ug/Kg	☼	10/29/24 08:54	11/04/24 17:40	1
Indeno[1,2,3-cd]pyrene	**310**		54	16	ug/Kg	☼	10/29/24 08:54	11/04/24 17:40	1
Naphthalene	**36**	**J**	54	17	ug/Kg	☼	10/29/24 08:54	11/04/24 17:40	1
Phenanthrene	**550**		54	17	ug/Kg	☼	10/29/24 08:54	11/04/24 17:40	1
Pyrene	**920**		54	21	ug/Kg	☼	10/29/24 08:54	11/04/24 17:40	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2,4,6-Tribromophenol (Surr)	*54*		*10 - 120*	*10/29/24 08:54*	*11/04/24 17:40*	*1*
2-Fluorobiphenyl (Surr)	*70*		*36 - 120*	*10/29/24 08:54*	*11/04/24 17:40*	*1*
2-Fluorophenol (Surr)	*67*		*26 - 120*	*10/29/24 08:54*	*11/04/24 17:40*	*1*
Nitrobenzene-d5 (Surr)	*63*		*28 - 120*	*10/29/24 08:54*	*11/04/24 17:40*	*1*
Phenol-d5 (Surr)	*70*		*29 - 120*	*10/29/24 08:54*	*11/04/24 17:40*	*1*
Terphenyl-d14 (Surr)	*62*		*37 - 120*	*10/29/24 08:54*	*11/04/24 17:40*	*1*

Method: SW846 6010D - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	**12**		1.8	0.37	mg/Kg	☼	10/28/24 15:00	10/31/24 03:55	1
Barium	**66**		24	0.15	mg/Kg	☼	10/28/24 15:00	10/31/24 03:55	1
Cadmium	**0.21**	**J**	0.59	0.057	mg/Kg	☼	10/28/24 15:00	10/31/24 03:55	1
Chromium	**20**		1.2	0.41	mg/Kg	☼	10/28/24 15:00	10/31/24 03:55	1
Copper	**20**		3.0	0.83	mg/Kg	☼	10/28/24 15:00	10/31/24 03:55	1
Lead	**19**		1.2	0.33	mg/Kg	☼	10/28/24 15:00	10/31/24 03:55	1
Selenium	**0.75**	**J**	2.4	0.56	mg/Kg	☼	10/28/24 15:00	10/31/24 03:55	1
Silver	ND		1.2	0.096	mg/Kg	☼	10/28/24 15:00	10/31/24 03:55	1
Zinc	**230**		5.9	4.3	mg/Kg	☼	10/28/24 15:00	10/31/24 03:55	1

Method: SW846 7471B - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	**0.047**	**J**	0.14	0.025	mg/Kg	☼	10/28/24 15:00	10/29/24 10:57	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cr (VI) (SW846 7196A)	ND		0.55	0.18	mg/Kg	☼	11/07/24 12:04	11/09/24 08:06	1
Cyanide, Total (SW846 9012B)	**33**		3.4	2.7	mg/Kg	☼	11/06/24 09:13	11/06/24 13:24	5

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Solids (EPA Moisture)	**74.0**		0.1	0.1	%			10/28/24 09:38	1
Percent Moisture (EPA Moisture)	**26.0**		0.1	0.1	%			10/28/24 09:38	1

Client: August Mack Environmental, Inc.
Project/Site: MSC Canfield - N. Ditch Sampling

Job ID: 240-213776-1

Client Sample ID: TS-250-S-0.0
Date Collected: 10/25/24 12:10
Date Received: 10/25/24 16:53

Lab Sample ID: 240-213776-7
Matrix: Solid
Percent Solids: 74.0

General Chemistry - ASTM Leach

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cyanide, Free (OI CORP OIA-1677)	0.0075		0.0060	0.0050	mg/L			11/09/24 17:08	1

Client Sample ID: T2-250-N-0.0
Lab Sample ID: 240-213776-8
Date Collected: 10/25/24 12:25
Matrix: Solid
Date Received: 10/25/24 16:53
Percent Solids: 56.0

Method: SW846 8270E - Semivolatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acenaphthene	100		72	25	ug/Kg	☼	10/29/24 08:54	11/04/24 18:04	1
Acenaphthylene	48	J	72	27	ug/Kg	☼	10/29/24 08:54	11/04/24 18:04	1
Anthracene	670		72	22	ug/Kg	☼	10/29/24 08:54	11/04/24 18:04	1
Benzo[a]anthracene	2000		72	27	ug/Kg	☼	10/29/24 08:54	11/04/24 18:04	1
Benzo[a]pyrene	2800		72	25	ug/Kg	☼	10/29/24 08:54	11/04/24 18:04	1
Benzo[b]fluoranthene	3800		72	22	ug/Kg	☼	10/29/24 08:54	11/04/24 18:04	1
Benzo[g,h,i]perylene	2200		72	48	ug/Kg	☼	10/29/24 08:54	11/04/24 18:04	1
Benzo[k]fluoranthene	1500		72	18	ug/Kg	☼	10/29/24 08:54	11/04/24 18:04	1
Chrysene	2300		72	25	ug/Kg	☼	10/29/24 08:54	11/04/24 18:04	1
Dibenz(a,h)anthracene	400		72	27	ug/Kg	☼	10/29/24 08:54	11/04/24 18:04	1
Fluoranthene	4500		72	25	ug/Kg	☼	10/29/24 08:54	11/04/24 18:04	1
Fluorene	150		72	25	ug/Kg	☼	10/29/24 08:54	11/04/24 18:04	1
Indeno[1,2,3-cd]pyrene	1700		72	22	ug/Kg	☼	10/29/24 08:54	11/04/24 18:04	1
Naphthalene	55	J	72	23	ug/Kg	☼	10/29/24 08:54	11/04/24 18:04	1
Phenanthrene	2400		72	23	ug/Kg	☼	10/29/24 08:54	11/04/24 18:04	1
Pyrene	3800		72	29	ug/Kg	☼	10/29/24 08:54	11/04/24 18:04	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2,4,6-Tribromophenol (Surr)	*57*		*10 - 120*	*10/29/24 08:54*	*11/04/24 18:04*	*1*
2-Fluorobiphenyl (Surr)	*74*		*36 - 120*	*10/29/24 08:54*	*11/04/24 18:04*	*1*
2-Fluorophenol (Surr)	*72*		*26 - 120*	*10/29/24 08:54*	*11/04/24 18:04*	*1*
Nitrobenzene-d5 (Surr)	*66*		*28 - 120*	*10/29/24 08:54*	*11/04/24 18:04*	*1*
Phenol-d5 (Surr)	*75*		*29 - 120*	*10/29/24 08:54*	*11/04/24 18:04*	*1*
Terphenyl-d14 (Surr)	*70*		*37 - 120*	*10/29/24 08:54*	*11/04/24 18:04*	*1*

Method: SW846 6010D - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	13		2.2	0.47	mg/Kg	☼	10/29/24 15:00	10/31/24 04:39	1
Barium	73		30	0.19	mg/Kg	☼	10/29/24 15:00	10/31/24 04:39	1
Cadmium	0.38	J	0.74	0.071	mg/Kg	☼	10/29/24 15:00	10/31/24 04:39	1
Chromium	24		1.5	0.51	mg/Kg	☼	10/29/24 15:00	10/31/24 04:39	1
Copper	3.4	J F2 F1	3.7	1.0	mg/Kg	☼	10/29/24 15:00	10/31/24 04:39	1
Lead	30		1.5	0.42	mg/Kg	☼	10/29/24 15:00	10/31/24 04:39	1
Selenium	1.7	J	3.0	0.70	mg/Kg	☼	10/29/24 15:00	10/31/24 04:39	1
Silver	ND		1.5	0.12	mg/Kg	☼	10/29/24 15:00	10/31/24 04:39	1
Zinc	4100		7.4	5.4	mg/Kg	☼	10/29/24 15:00	10/31/24 04:39	1

Method: SW846 7471B - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.049	J	0.17	0.031	mg/Kg	☼	10/29/24 15:00	10/30/24 09:00	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cr (VI) (SW846 7196A)	ND		0.73	0.24	mg/Kg	☼	11/07/24 12:04	11/09/24 08:06	1
Cyanide, Total (SW846 9012B)	110		19	15	mg/Kg	☼	11/06/24 09:13	11/06/24 13:48	25

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Solids (EPA Moisture)	56.0		0.1	0.1	%			10/28/24 09:38	1
Percent Moisture (EPA Moisture)	44.0		0.1	0.1	%			10/28/24 09:38	1

Client Sample Results

Client: August Mack Environmental, Inc.
Job ID: 240-213776-1
Project/Site: MSC Canfield - N. Ditch Sampling

Client Sample ID: T2-250-N-0.0
Lab Sample ID: 240-213776-8
Date Collected: 10/25/24 12:25
Matrix: Solid
Date Received: 10/25/24 16:53
Percent Solids: 56.0

General Chemistry - ASTM Leach

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cyanide, Free (OI CORP OIA-1677)	0.025		0.0060	0.0050	mg/L			11/09/24 17:13	1

Client: August Mack Environmental, Inc.
Project/Site: MSC Canfield - N. Ditch Sampling

Job ID: 240-213776-1

Client Sample ID: DUP-6-20241025
Date Collected: 10/25/24 00:00
Date Received: 10/25/24 16:53

Lab Sample ID: 240-213776-9
Matrix: Solid
Percent Solids: 57.9

Method: SW846 8270E - Semivolatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acenaphthene	ND		68	24	ug/Kg	☼	10/29/24 08:54	11/04/24 18:28	1
Acenaphthylene	**29**	**J**	68	26	ug/Kg	☼	10/29/24 08:54	11/04/24 18:28	1
Anthracene	**94**		68	20	ug/Kg	☼	10/29/24 08:54	11/04/24 18:28	1
Benzo[a]anthracene	**530**		68	26	ug/Kg	☼	10/29/24 08:54	11/04/24 18:28	1
Benzo[a]pyrene	**630**		68	24	ug/Kg	☼	10/29/24 08:54	11/04/24 18:28	1
Benzo[b]fluoranthene	**1000**		68	20	ug/Kg	☼	10/29/24 08:54	11/04/24 18:28	1
Benzo[g,h,i]perylene	**540**		68	46	ug/Kg	☼	10/29/24 08:54	11/04/24 18:28	1
Benzo[k]fluoranthene	**330**		68	17	ug/Kg	☼	10/29/24 08:54	11/04/24 18:28	1
Chrysene	**700**		68	24	ug/Kg	☼	10/29/24 08:54	11/04/24 18:28	1
Dibenz(a,h)anthracene	**99**		68	26	ug/Kg	☼	10/29/24 08:54	11/04/24 18:28	1
Fluoranthene	**1200**		68	24	ug/Kg	☼	10/29/24 08:54	11/04/24 18:28	1
Fluorene	**26**	**J**	68	24	ug/Kg	☼	10/29/24 08:54	11/04/24 18:28	1
Indeno[1,2,3-cd]pyrene	**440**		68	20	ug/Kg	☼	10/29/24 08:54	11/04/24 18:28	1
Naphthalene	**63**	**J**	68	22	ug/Kg	☼	10/29/24 08:54	11/04/24 18:28	1
Phenanthrene	**480**		68	22	ug/Kg	☼	10/29/24 08:54	11/04/24 18:28	1
Pyrene	**1000**		68	27	ug/Kg	☼	10/29/24 08:54	11/04/24 18:28	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2,4,6-Tribromophenol (Surr)	*55*		*10 - 120*	*10/29/24 08:54*	*11/04/24 18:28*	*1*
2-Fluorobiphenyl (Surr)	*71*		*36 - 120*	*10/29/24 08:54*	*11/04/24 18:28*	*1*
2-Fluorophenol (Surr)	*72*		*26 - 120*	*10/29/24 08:54*	*11/04/24 18:28*	*1*
Nitrobenzene-d5 (Surr)	*62*		*28 - 120*	*10/29/24 08:54*	*11/04/24 18:28*	*1*
Phenol-d5 (Surr)	*74*		*29 - 120*	*10/29/24 08:54*	*11/04/24 18:28*	*1*
Terphenyl-d14 (Surr)	*69*		*37 - 120*	*10/29/24 08:54*	*11/04/24 18:28*	*1*

Method: SW846 6010D - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	**17**		2.0	0.43	mg/Kg	☼	10/29/24 15:00	10/31/24 05:09	1
Barium	**77**		27	0.17	mg/Kg	☼	10/29/24 15:00	10/31/24 05:09	1
Cadmium	**0.32**	**J**	0.67	0.065	mg/Kg	☼	10/29/24 15:00	10/31/24 05:09	1
Chromium	**40**		1.3	0.46	mg/Kg	☼	10/29/24 15:00	10/31/24 05:09	1
Copper	**10**		3.4	0.95	mg/Kg	☼	10/29/24 15:00	10/31/24 05:09	1
Lead	**27**		1.3	0.38	mg/Kg	☼	10/29/24 15:00	10/31/24 05:09	1
Selenium	**1.4**	**J**	2.7	0.63	mg/Kg	☼	10/29/24 15:00	10/31/24 05:09	1
Silver	ND		1.3	0.11	mg/Kg	☼	10/29/24 15:00	10/31/24 05:09	1
Zinc	**690**		6.7	4.9	mg/Kg	☼	10/29/24 15:00	10/31/24 05:09	1

Method: SW846 7471B - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	**0.045**	**J**	0.15	0.028	mg/Kg	☼	10/29/24 15:00	10/30/24 09:05	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cr (VI) (SW846 7196A)	ND		0.73	0.24	mg/Kg	☼	11/07/24 12:04	11/09/24 08:06	1
Cyanide, Total (SW846 9012B)	**170**		22	18	mg/Kg	☼	11/06/24 09:13	11/06/24 12:07	25

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Solids (EPA Moisture)	**57.9**		0.1	0.1	%			10/28/24 09:38	1
Percent Moisture (EPA Moisture)	**42.1**		0.1	0.1	%			10/28/24 09:38	1

Client: August Mack Environmental, Inc.
Project/Site: MSC Canfield - N. Ditch Sampling

Job ID: 240-213776-1

Client Sample ID: DUP-6-20241025
Date Collected: 10/25/24 00:00
Date Received: 10/25/24 16:53

Lab Sample ID: 240-213776-9
Matrix: Solid
Percent Solids: 57.9

General Chemistry - ASTM Leach

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cyanide, Free (OI CORP OIA-1677)	0.016		0.0060	0.0050	mg/L			11/09/24 16:10	1

Client Sample ID: T2-250-N-1.0
Date Collected: 10/25/24 12:55
Date Received: 10/25/24 16:53

Lab Sample ID: 240-213776-10
Matrix: Solid
Percent Solids: 81.3

Method: SW846 8270E - Semivolatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acenaphthene	ND		49	17	ug/Kg	☼	10/29/24 08:54	11/04/24 13:37	1
Acenaphthylene	ND		49	18	ug/Kg	☼	10/29/24 08:54	11/04/24 13:37	1
Anthracene	ND		49	15	ug/Kg	☼	10/29/24 08:54	11/04/24 13:37	1
Benzo[a]anthracene	**27**	**J**	49	18	ug/Kg	☼	10/29/24 08:54	11/04/24 13:37	1
Benzo[a]pyrene	**34**	**J**	49	17	ug/Kg	☼	10/29/24 08:54	11/04/24 13:37	1
Benzo[b]fluoranthene	**57**		49	15	ug/Kg	☼	10/29/24 08:54	11/04/24 13:37	1
Benzo[g,h,i]perylene	**37**	**J**	49	33	ug/Kg	☼	10/29/24 08:54	11/04/24 13:37	1
Benzo[k]fluoranthene	**14**	**J**	49	12	ug/Kg	☼	10/29/24 08:54	11/04/24 13:37	1
Chrysene	**33**	**J**	49	17	ug/Kg	☼	10/29/24 08:54	11/04/24 13:37	1
Dibenz(a,h)anthracene	ND		49	18	ug/Kg	☼	10/29/24 08:54	11/04/24 13:37	1
Fluoranthene	**56**		49	17	ug/Kg	☼	10/29/24 08:54	11/04/24 13:37	1
Fluorene	ND		49	17	ug/Kg	☼	10/29/24 08:54	11/04/24 13:37	1
Indeno[1,2,3-cd]pyrene	**25**	**J**	49	15	ug/Kg	☼	10/29/24 08:54	11/04/24 13:37	1
Naphthalene	ND		49	16	ug/Kg	☼	10/29/24 08:54	11/04/24 13:37	1
Phenanthrene	**21**	**J**	49	16	ug/Kg	☼	10/29/24 08:54	11/04/24 13:37	1
Pyrene	**52**		49	20	ug/Kg	☼	10/29/24 08:54	11/04/24 13:37	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2,4,6-Tribromophenol (Surr)	*38*		*10 - 120*	*10/29/24 08:54*	*11/04/24 13:37*	*1*
2-Fluorobiphenyl (Surr)	*73*		*36 - 120*	*10/29/24 08:54*	*11/04/24 13:37*	*1*
2-Fluorophenol (Surr)	*76*		*26 - 120*	*10/29/24 08:54*	*11/04/24 13:37*	*1*
Nitrobenzene-d5 (Surr)	*66*		*28 - 120*	*10/29/24 08:54*	*11/04/24 13:37*	*1*
Phenol-d5 (Surr)	*78*		*29 - 120*	*10/29/24 08:54*	*11/04/24 13:37*	*1*
Terphenyl-d14 (Surr)	*75*		*37 - 120*	*10/29/24 08:54*	*11/04/24 13:37*	*1*

Method: SW846 6010D - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	**15**		1.8	0.38	mg/Kg	☼	10/29/24 15:00	10/31/24 05:14	1
Barium	**60**		24	0.15	mg/Kg	☼	10/29/24 15:00	10/31/24 05:14	1
Cadmium	**0.11**	**J**	0.61	0.058	mg/Kg	☼	10/29/24 15:00	10/31/24 05:14	1
Chromium	**15**		1.2	0.42	mg/Kg	☼	10/29/24 15:00	10/31/24 05:14	1
Copper	**18**		3.0	0.85	mg/Kg	☼	10/29/24 15:00	10/31/24 05:14	1
Lead	**15**		1.2	0.34	mg/Kg	☼	10/29/24 15:00	10/31/24 05:14	1
Selenium	ND		2.4	0.57	mg/Kg	☼	10/29/24 15:00	10/31/24 05:14	1
Silver	ND		1.2	0.099	mg/Kg	☼	10/29/24 15:00	10/31/24 05:14	1
Zinc	**86**		6.1	4.4	mg/Kg	☼	10/29/24 15:00	10/31/24 05:14	1

Method: SW846 7471B - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	ND		0.12	0.021	mg/Kg	☼	10/29/24 15:00	10/30/24 09:07	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cr (VI) (SW846 7196A)	ND		0.50	0.17	mg/Kg	☼	11/07/24 12:04	11/09/24 08:06	1
Cyanide, Total (SW846 9012B)	**31**		2.7	2.1	mg/Kg	☼	11/06/24 09:13	11/06/24 13:35	5

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Solids (EPA Moisture)	**81.3**		0.1	0.1	%			10/28/24 09:38	1
Percent Moisture (EPA Moisture)	**18.7**		0.1	0.1	%			10/28/24 09:38	1

Client: August Mack Environmental, Inc.
Job ID: 240-213776-1
Project/Site: MSC Canfield - N. Ditch Sampling

Client Sample ID: T2-250-N-1.0
Lab Sample ID: 240-213776-10
Date Collected: 10/25/24 12:55
Matrix: Solid
Date Received: 10/25/24 16:53
Percent Solids: 81.3

General Chemistry - ASTM Leach

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cyanide, Free (OI CORP OIA-1677)	ND		0.0060	0.0050	mg/L			11/09/24 16:28	1

Client: August Mack Environmental, Inc.
Project/Site: MSC Canfield - N. Ditch Sampling

Job ID: 240-213776-1

Client Sample ID: T2-100-S-0.0
Date Collected: 10/25/24 13:40
Date Received: 10/25/24 16:53

Lab Sample ID: 240-213776-11
Matrix: Solid
Percent Solids: 76.2

Method: SW846 8270E - Semivolatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acenaphthene	42	J	51	18	ug/Kg	☼	10/29/24 08:54	11/04/24 18:53	1
Acenaphthylene	24	J	51	19	ug/Kg	☼	10/29/24 08:54	11/04/24 18:53	1
Anthracene	150		51	15	ug/Kg	☼	10/29/24 08:54	11/04/24 18:53	1
Benzo[a]anthracene	740		51	19	ug/Kg	☼	10/29/24 08:54	11/04/24 18:53	1
Benzo[a]pyrene	910		51	18	ug/Kg	☼	10/29/24 08:54	11/04/24 18:53	1
Benzo[b]fluoranthene	1300		51	15	ug/Kg	☼	10/29/24 08:54	11/04/24 18:53	1
Benzo[g,h,i]perylene	740		51	35	ug/Kg	☼	10/29/24 08:54	11/04/24 18:53	1
Benzo[k]fluoranthene	460		51	13	ug/Kg	☼	10/29/24 08:54	11/04/24 18:53	1
Chrysene	990		51	18	ug/Kg	☼	10/29/24 08:54	11/04/24 18:53	1
Dibenz(a,h)anthracene	140		51	19	ug/Kg	☼	10/29/24 08:54	11/04/24 18:53	1
Fluoranthene	1900		51	18	ug/Kg	☼	10/29/24 08:54	11/04/24 18:53	1
Fluorene	49	J	51	18	ug/Kg	☼	10/29/24 08:54	11/04/24 18:53	1
Indeno[1,2,3-cd]pyrene	590		51	15	ug/Kg	☼	10/29/24 08:54	11/04/24 18:53	1
Naphthalene	40	J	51	17	ug/Kg	☼	10/29/24 08:54	11/04/24 18:53	1
Phenanthrene	810		51	17	ug/Kg	☼	10/29/24 08:54	11/04/24 18:53	1
Pyrene	1600		51	20	ug/Kg	☼	10/29/24 08:54	11/04/24 18:53	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2,4,6-Tribromophenol (Surr)	*58*		*10 - 120*	*10/29/24 08:54*	*11/04/24 18:53*	*1*
2-Fluorobiphenyl (Surr)	*73*		*36 - 120*	*10/29/24 08:54*	*11/04/24 18:53*	*1*
2-Fluorophenol (Surr)	*72*		*26 - 120*	*10/29/24 08:54*	*11/04/24 18:53*	*1*
Nitrobenzene-d5 (Surr)	*66*		*28 - 120*	*10/29/24 08:54*	*11/04/24 18:53*	*1*
Phenol-d5 (Surr)	*76*		*29 - 120*	*10/29/24 08:54*	*11/04/24 18:53*	*1*
Terphenyl-d14 (Surr)	*68*		*37 - 120*	*10/29/24 08:54*	*11/04/24 18:53*	*1*

Method: SW846 6010D - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	11		1.8	0.39	mg/Kg	☼	10/29/24 15:00	10/31/24 05:18	1
Barium	65		25	0.15	mg/Kg	☼	10/29/24 15:00	10/31/24 05:18	1
Cadmium	0.32	J	0.61	0.059	mg/Kg	☼	10/29/24 15:00	10/31/24 05:18	1
Chromium	22		1.2	0.42	mg/Kg	☼	10/29/24 15:00	10/31/24 05:18	1
Copper	12		3.1	0.86	mg/Kg	☼	10/29/24 15:00	10/31/24 05:18	1
Lead	21		1.2	0.35	mg/Kg	☼	10/29/24 15:00	10/31/24 05:18	1
Selenium	1.4	J	2.5	0.58	mg/Kg	☼	10/29/24 15:00	10/31/24 05:18	1
Silver	ND		1.2	0.099	mg/Kg	☼	10/29/24 15:00	10/31/24 05:18	1
Zinc	1000		6.1	4.4	mg/Kg	☼	10/29/24 15:00	10/31/24 05:18	1

Method: SW846 7471B - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.059	J	0.12	0.022	mg/Kg	☼	10/29/24 15:00	10/30/24 09:09	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cr (VI) (SW846 7196A)	0.22	J	0.54	0.18	mg/Kg	☼	11/07/24 12:04	11/09/24 08:06	1
Cyanide, Total (SW846 9012B)	130		16	13	mg/Kg	☼	11/06/24 09:13	11/06/24 12:30	25

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Solids (EPA Moisture)	76.2		0.1	0.1	%			10/28/24 09:38	1
Percent Moisture (EPA Moisture)	23.8		0.1	0.1	%			10/28/24 09:38	1

Client: August Mack Environmental, Inc.
Job ID: 240-213776-1
Project/Site: MSC Canfield - N. Ditch Sampling

Client Sample ID: T2-100-S-0.0
Lab Sample ID: 240-213776-11
Date Collected: 10/25/24 13:40
Matrix: Solid
Date Received: 10/25/24 16:53
Percent Solids: 76.2

General Chemistry - ASTM Leach

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cyanide, Free (OI CORP OIA-1677)	0.013		0.0060	0.0050	mg/L			11/09/24 16:18	1

Client: August Mack Environmental, Inc.
Project/Site: MSC Canfield - N. Ditch Sampling

Job ID: 240-213776-1

Client Sample ID: T2-100-N-0.0
Date Collected: 10/25/24 13:50
Date Received: 10/25/24 16:53

Lab Sample ID: 240-213776-12
Matrix: Solid
Percent Solids: 74.8

Method: SW846 8270E - Semivolatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acenaphthene	70		53	19	ug/Kg	☼	10/29/24 08:54	11/04/24 19:17	1
Acenaphthylene	60		53	20	ug/Kg	☼	10/29/24 08:54	11/04/24 19:17	1
Anthracene	280		53	16	ug/Kg	☼	10/29/24 08:54	11/04/24 19:17	1
Benzo[a]anthracene	1500		53	20	ug/Kg	☼	10/29/24 08:54	11/04/24 19:17	1
Benzo[a]pyrene	1900		53	19	ug/Kg	☼	10/29/24 08:54	11/04/24 19:17	1
Benzo[b]fluoranthene	2900		53	16	ug/Kg	☼	10/29/24 08:54	11/04/24 19:17	1
Benzo[g,h,i]perylene	1400		53	36	ug/Kg	☼	10/29/24 08:54	11/04/24 19:17	1
Benzo[k]fluoranthene	900		53	13	ug/Kg	☼	10/29/24 08:54	11/04/24 19:17	1
Chrysene	2000		53	19	ug/Kg	☼	10/29/24 08:54	11/04/24 19:17	1
Dibenz(a,h)anthracene	310		53	20	ug/Kg	☼	10/29/24 08:54	11/04/24 19:17	1
Fluoranthene	3300		53	19	ug/Kg	☼	10/29/24 08:54	11/04/24 19:17	1
Fluorene	84		53	19	ug/Kg	☼	10/29/24 08:54	11/04/24 19:17	1
Indeno[1,2,3-cd]pyrene	1200		53	16	ug/Kg	☼	10/29/24 08:54	11/04/24 19:17	1
Naphthalene	65		53	17	ug/Kg	☼	10/29/24 08:54	11/04/24 19:17	1
Phenanthrene	1300		53	17	ug/Kg	☼	10/29/24 08:54	11/04/24 19:17	1
Pyrene	2900		53	21	ug/Kg	☼	10/29/24 08:54	11/04/24 19:17	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2,4,6-Tribromophenol (Surr)	*58*		*10 - 120*	*10/29/24 08:54*	*11/04/24 19:17*	*1*
2-Fluorobiphenyl (Surr)	*74*		*36 - 120*	*10/29/24 08:54*	*11/04/24 19:17*	*1*
2-Fluorophenol (Surr)	*72*		*26 - 120*	*10/29/24 08:54*	*11/04/24 19:17*	*1*
Nitrobenzene-d5 (Surr)	*64*		*28 - 120*	*10/29/24 08:54*	*11/04/24 19:17*	*1*
Phenol-d5 (Surr)	*75*		*29 - 120*	*10/29/24 08:54*	*11/04/24 19:17*	*1*
Terphenyl-d14 (Surr)	*70*		*37 - 120*	*10/29/24 08:54*	*11/04/24 19:17*	*1*

Method: SW846 6010D - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	13		1.9	0.39	mg/Kg	☼	10/29/24 15:00	10/31/24 05:22	1
Barium	77		25	0.16	mg/Kg	☼	10/29/24 15:00	10/31/24 05:22	1
Cadmium	0.41	J	0.62	0.060	mg/Kg	☼	10/29/24 15:00	10/31/24 05:22	1
Chromium	25		1.2	0.43	mg/Kg	☼	10/29/24 15:00	10/31/24 05:22	1
Copper	18		3.1	0.88	mg/Kg	☼	10/29/24 15:00	10/31/24 05:22	1
Lead	27		1.2	0.35	mg/Kg	☼	10/29/24 15:00	10/31/24 05:22	1
Selenium	1.4	J	2.5	0.59	mg/Kg	☼	10/29/24 15:00	10/31/24 05:22	1
Silver	ND		1.2	0.10	mg/Kg	☼	10/29/24 15:00	10/31/24 05:22	1
Zinc	1200		6.2	4.5	mg/Kg	☼	10/29/24 15:00	10/31/24 05:22	1

Method: SW846 7471B - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.071	J	0.15	0.026	mg/Kg	☼	10/29/24 15:00	10/30/24 09:10	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cr (VI) (SW846 7196A)	ND		0.55	0.18	mg/Kg	☼	11/08/24 09:24	11/10/24 06:14	1
Cyanide, Total (SW846 9012B)	7.7		0.58	0.46	mg/Kg	☼	11/06/24 09:13	11/06/24 12:31	1

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Solids (EPA Moisture)	74.8		0.1	0.1	%			10/28/24 09:38	1
Percent Moisture (EPA Moisture)	25.2		0.1	0.1	%			10/28/24 09:38	1

Client: August Mack Environmental, Inc.
Job ID: 240-213776-1
Project/Site: MSC Canfield - N. Ditch Sampling

Client Sample ID: T2-100-N-0.0
Lab Sample ID: 240-213776-12
Date Collected: 10/25/24 13:50
Matrix: Solid
Date Received: 10/25/24 16:53
Percent Solids: 74.8

General Chemistry - ASTM Leach

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cyanide, Free (OI CORP OIA-1677)	ND		0.0060	0.0050	mg/L			11/09/24 16:30	1

Surrogate Summary

Client: August Mack Environmental, Inc.
Project/Site: MSC Canfield - N. Ditch Sampling

Job ID: 240-213776-1

Method: 8270E - Semivolatile Organic Compounds (GC/MS)

Matrix: Solid

Prep Type: Total/NA

		Percent Surrogate Recovery (Acceptance Limits)							
		TBP	FBP	2FP	NBZ	PHL	TPHL		
Lab Sample ID	Client Sample ID	(10-120)	(36-120)	(26-120)	(28-120)	(29-120)	(37-120)		
240-213776-1	T2-500-S-2.0	37	71	72	65	75	73		
240-213776-2	T2-500-N-2.0	20	78	82	69	80	78		
240-213776-3	T2-375-C-0.0	54	75	76	67	76	70		
240-213776-3 MS	T2-375-C-0.0	71	103	103	95	100	102		
240-213776-3 MSD	T2-375-C-0.0	59	77	76	69	75	70		
240-213776-4	T2-375-N-0.0	61	75	74	66	76	68		
240-213776-5	T2-375-S-0.0	47	64	62	56	64	55		
240-213776-6	T2-375-S-2.0	37	74	75	65	73	76		
240-213776-7	TS-250-S-0.0	54	70	67	63	70	62		
240-213776-8	T2-250-N-0.0	57	74	72	66	75	70		
240-213776-9	DUP-6-20241025	55	71	72	62	74	69		
240-213776-10	T2-250-N-1.0	38	73	76	66	78	75		
240-213776-11	T2-100-S-0.0	58	73	72	66	76	68		
240-213776-12	T2-100-N-0.0	58	74	72	64	75	70		
LCS 240-632903/2-A	Lab Control Sample	48	72	71	71	73	73		
MB 240-632903/1-A	Method Blank	36	73	72	63	73	75		

Surrogate Legend

TBP = 2,4,6-Tribromophenol (Surr)
FBP = 2-Fluorobiphenyl (Surr)
2FP = 2-Fluorophenol (Surr)
NBZ = Nitrobenzene-d5 (Surr)
PHL = Phenol-d5 (Surr)
TPHL = Terphenyl-d14 (Surr)

Method: 8270E - Semivolatile Organic Compounds (GC/MS)

Lab Sample ID: MB 240-632903/1-A
Matrix: Solid
Analysis Batch: 633772

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 632903

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acenaphthene	ND		40	14	ug/Kg		10/29/24 08:54	11/04/24 11:11	1
Acenaphthylene	ND		40	15	ug/Kg		10/29/24 08:54	11/04/24 11:11	1
Anthracene	ND		40	12	ug/Kg		10/29/24 08:54	11/04/24 11:11	1
Benzo[a]anthracene	ND		40	15	ug/Kg		10/29/24 08:54	11/04/24 11:11	1
Benzo[a]pyrene	ND		40	14	ug/Kg		10/29/24 08:54	11/04/24 11:11	1
Benzo[b]fluoranthene	ND		40	12	ug/Kg		10/29/24 08:54	11/04/24 11:11	1
Benzo[g,h,i]perylene	ND		40	27	ug/Kg		10/29/24 08:54	11/04/24 11:11	1
Benzo[k]fluoranthene	ND		40	10	ug/Kg		10/29/24 08:54	11/04/24 11:11	1
Chrysene	ND		40	14	ug/Kg		10/29/24 08:54	11/04/24 11:11	1
Dibenz(a,h)anthracene	ND		40	15	ug/Kg		10/29/24 08:54	11/04/24 11:11	1
Fluoranthene	ND		40	14	ug/Kg		10/29/24 08:54	11/04/24 11:11	1
Fluorene	ND		40	14	ug/Kg		10/29/24 08:54	11/04/24 11:11	1
Indeno[1,2,3-cd]pyrene	ND		40	12	ug/Kg		10/29/24 08:54	11/04/24 11:11	1
Naphthalene	ND		40	13	ug/Kg		10/29/24 08:54	11/04/24 11:11	1
Phenanthrene	ND		40	13	ug/Kg		10/29/24 08:54	11/04/24 11:11	1
Pyrene	ND		40	16	ug/Kg		10/29/24 08:54	11/04/24 11:11	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2,4,6-Tribromophenol (Surr)	*36*		*10 - 120*	*10/29/24 08:54*	*11/04/24 11:11*	*1*
2-Fluorobiphenyl (Surr)	*73*		*36 - 120*	*10/29/24 08:54*	*11/04/24 11:11*	*1*
2-Fluorophenol (Surr)	*72*		*26 - 120*	*10/29/24 08:54*	*11/04/24 11:11*	*1*
Nitrobenzene-d5 (Surr)	*63*		*28 - 120*	*10/29/24 08:54*	*11/04/24 11:11*	*1*
Phenol-d5 (Surr)	*73*		*29 - 120*	*10/29/24 08:54*	*11/04/24 11:11*	*1*
Terphenyl-d14 (Surr)	*75*		*37 - 120*	*10/29/24 08:54*	*11/04/24 11:11*	*1*

Lab Sample ID: LCS 240-632903/2-A
Matrix: Solid
Analysis Batch: 633772

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 632903

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Acenaphthene	1330	1060		ug/Kg		80	56 - 120
Acenaphthylene	1330	1060		ug/Kg		80	54 - 120
Anthracene	1330	1120		ug/Kg		84	59 - 120
Benzo[a]anthracene	1330	1170		ug/Kg		87	59 - 120
Benzo[a]pyrene	1330	1210		ug/Kg		91	54 - 120
Benzo[b]fluoranthene	1330	1220		ug/Kg		91	58 - 120
Benzo[g,h,i]perylene	1330	1450		ug/Kg		109	56 - 120
Benzo[k]fluoranthene	1330	1250		ug/Kg		94	59 - 120
Chrysene	1330	1240		ug/Kg		93	58 - 120
Dibenz(a,h)anthracene	1330	1170		ug/Kg		88	54 - 120
Fluoranthene	1330	1100		ug/Kg		83	59 - 120
Fluorene	1330	1090		ug/Kg		81	56 - 120
Indeno[1,2,3-cd]pyrene	1330	1400		ug/Kg		105	53 - 120
Naphthalene	1330	1000		ug/Kg		75	54 - 120
Phenanthrene	1330	1140		ug/Kg		85	57 - 120
Pyrene	1330	1250		ug/Kg		94	59 - 120

Method: 8270E - Semivolatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: LCS 240-632903/2-A
Matrix: Solid
Analysis Batch: 633772

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 632903

Surrogate	LCS %Recovery	LCS Qualifier	Limits
2,4,6-Tribromophenol (Surr)	48		10 - 120
2-Fluorobiphenyl (Surr)	72		36 - 120
2-Fluorophenol (Surr)	71		26 - 120
Nitrobenzene-d5 (Surr)	71		28 - 120
Phenol-d5 (Surr)	73		29 - 120
Terphenyl-d14 (Surr)	73		37 - 120

Lab Sample ID: 240-213776-3 MS
Matrix: Solid
Analysis Batch: 633772

Client Sample ID: T2-375-C-0.0
Prep Type: Total/NA
Prep Batch: 632903

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Acenaphthene	ND	F2	1910	2100		ug/Kg	☼	110	26 - 120
Acenaphthylene	ND	F2	1910	2160		ug/Kg	☼	113	25 - 120
Anthracene	37	J	1910	2260		ug/Kg	☼	117	25 - 121
Benzo[a]anthracene	210	F1	1910	2910	F1	ug/Kg	☼	142	21 - 130
Benzo[a]pyrene	270	F1	1910	3080	F1	ug/Kg	☼	147	12 - 131
Benzo[b]fluoranthene	450	F2 F1	1910	3220	F1	ug/Kg	☼	146	14 - 134
Benzo[g,h,i]perylene	330	F1	1910	3570	F1	ug/Kg	☼	170	10 - 145
Benzo[k]fluoranthene	160	F1	1910	2820	F1	ug/Kg	☼	139	18 - 126
Chrysene	340	F1	1910	3170	F1	ug/Kg	☼	148	20 - 126
Dibenz(a,h)anthracene	64		1910	2440		ug/Kg	☼	125	10 - 141
Fluoranthene	530	F1	1910	3290	F1	ug/Kg	☼	144	18 - 139
Fluorene	ND	F2	1910	2170		ug/Kg	☼	114	29 - 120
Indeno[1,2,3-cd]pyrene	230	F1	1910	3340	F1	ug/Kg	☼	163	10 - 143
Naphthalene	ND	F2	1910	2010		ug/Kg	☼	106	17 - 120
Phenanthrene	210	F1	1910	2580	F1	ug/Kg	☼	124	18 - 122
Pyrene	470	F1	1910	3490	F1	ug/Kg	☼	158	18 - 136

Surrogate	MS %Recovery	MS Qualifier	Limits
2,4,6-Tribromophenol (Surr)	71		10 - 120
2-Fluorobiphenyl (Surr)	103		36 - 120
2-Fluorophenol (Surr)	103		26 - 120
Nitrobenzene-d5 (Surr)	95		28 - 120
Phenol-d5 (Surr)	100		29 - 120
Terphenyl-d14 (Surr)	102		37 - 120

Lab Sample ID: 240-213776-3 MSD
Matrix: Solid
Analysis Batch: 633772

Client Sample ID: T2-375-C-0.0
Prep Type: Total/NA
Prep Batch: 632903

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Acenaphthene	ND	F2	3890	3250	F2	ug/Kg	☼	84	26 - 120	43	40
Acenaphthylene	ND	F2	3890	3300	F2	ug/Kg	☼	85	25 - 120	42	40
Anthracene	37	J	3890	3340		ug/Kg	☼	85	25 - 121	38	40
Benzo[a]anthracene	210	F1	3890	4230		ug/Kg	☼	103	21 - 130	37	40
Benzo[a]pyrene	270	F1	3890	4390		ug/Kg	☼	106	12 - 131	35	40
Benzo[b]fluoranthene	450	F2 F1	3890	4990	E F2	ug/Kg	☼	117	14 - 134	43	40

Method: 8270E - Semivolatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: 240-213776-3 MSD
Matrix: Solid
Analysis Batch: 633772

Client Sample ID: T2-375-C-0.0
Prep Type: Total/NA
Prep Batch: 632903

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Benzo[g,h,i]perylene	330	F1	3890	5130	E	ug/Kg	☼	124	10 - 145	36	40
Benzo[k]fluoranthene	160	F1	3890	3970		ug/Kg	☼	98	18 - 126	34	40
Chrysene	340	F1	3890	4540		ug/Kg	☼	108	20 - 126	36	40
Dibenz(a,h)anthracene	64		3890	3510		ug/Kg	☼	89	10 - 141	36	40
Fluoranthene	530	F1	3890	4770		ug/Kg	☼	109	18 - 139	37	40
Fluorene	ND	F2	3890	3380	F2	ug/Kg	☼	87	29 - 120	44	40
Indeno[1,2,3-cd]pyrene	230	F1	3890	4980	E	ug/Kg	☼	122	10 - 143	39	40
Naphthalene	ND	F2	3890	3110	F2	ug/Kg	☼	80	17 - 120	43	40
Phenanthrene	210	F1	3890	3850		ug/Kg	☼	94	18 - 122	40	40
Pyrene	470	F1	3890	4910	E	ug/Kg	☼	114	18 - 136	34	40

Surrogate	*MSD %Recovery*	*MSD Qualifier*	*Limits*
2,4,6-Tribromophenol (Surr)	*59*		*10 - 120*
2-Fluorobiphenyl (Surr)	*77*		*36 - 120*
2-Fluorophenol (Surr)	*76*		*26 - 120*
Nitrobenzene-d5 (Surr)	*69*		*28 - 120*
Phenol-d5 (Surr)	*75*		*29 - 120*
Terphenyl-d14 (Surr)	*70*		*37 - 120*

Method: 6010D - Metals (ICP)

Lab Sample ID: MB 240-632758/1-A
Matrix: Solid
Analysis Batch: 633332

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 632758

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	ND		1.5	0.32	mg/Kg		10/28/24 15:00	10/31/24 01:44	1
Barium	ND		20	0.13	mg/Kg		10/28/24 15:00	10/31/24 01:44	1
Cadmium	ND		0.50	0.048	mg/Kg		10/28/24 15:00	10/31/24 01:44	1
Chromium	ND		1.0	0.34	mg/Kg		10/28/24 15:00	10/31/24 01:44	1
Copper	ND		2.5	0.70	mg/Kg		10/28/24 15:00	10/31/24 01:44	1
Lead	ND		1.0	0.28	mg/Kg		10/28/24 15:00	10/31/24 01:44	1
Selenium	ND		2.0	0.47	mg/Kg		10/28/24 15:00	10/31/24 01:44	1
Silver	ND		1.0	0.081	mg/Kg		10/28/24 15:00	10/31/24 01:44	1
Zinc	ND		5.0	3.6	mg/Kg		10/28/24 15:00	10/31/24 01:44	1

Lab Sample ID: LCS 240-632758/2-A
Matrix: Solid
Analysis Batch: 633332

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 632758

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Arsenic	200	188		mg/Kg		94	80 - 120
Barium	200	187		mg/Kg		93	80 - 120
Cadmium	100	95.8		mg/Kg		96	80 - 120
Chromium	100	89.5		mg/Kg		89	80 - 120
Copper	100	88.8		mg/Kg		89	80 - 120
Lead	100	88.9		mg/Kg		89	80 - 120
Selenium	200	192		mg/Kg		96	80 - 120
Silver	10.0	9.35		mg/Kg		93	80 - 120

Method: 6010D - Metals (ICP) (Continued)

Lab Sample ID: LCS 240-632758/2-A
Matrix: Solid
Analysis Batch: 633332

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 632758

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Zinc	100	92.5		mg/Kg		92	80 - 120

Lab Sample ID: 240-213776-3 MS
Matrix: Solid
Analysis Batch: 633332

Client Sample ID: T2-375-C-0.0
Prep Type: Total/NA
Prep Batch: 632758

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Arsenic	12		213	194		mg/Kg	☼	85	75 - 125
Barium	65		213	257		mg/Kg	☼	90	75 - 125
Cadmium	0.23	J	106	91.9		mg/Kg	☼	86	75 - 125
Chromium	19		106	106		mg/Kg	☼	82	75 - 125
Copper	4.2	F1	106	22.4	F1	mg/Kg	☼	17	75 - 125
Lead	18		106	100		mg/Kg	☼	77	75 - 125
Selenium	0.87	J	213	183		mg/Kg	☼	86	75 - 125
Silver	ND		10.6	9.18		mg/Kg	☼	86	75 - 125
Zinc	2400		106	2350	4	mg/Kg	☼	-34	75 - 125

Lab Sample ID: 240-213776-3 MSD
Matrix: Solid
Analysis Batch: 633332

Client Sample ID: T2-375-C-0.0
Prep Type: Total/NA
Prep Batch: 632758

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Arsenic	12		213	197		mg/Kg	☼	87	75 - 125	2	20
Barium	65		213	269		mg/Kg	☼	96	75 - 125	5	20
Cadmium	0.23	J	106	93.0		mg/Kg	☼	87	75 - 125	1	20
Chromium	19		106	106		mg/Kg	☼	83	75 - 125	1	20
Copper	4.2	F1	106	22.5	F1	mg/Kg	☼	17	75 - 125	0	20
Lead	18		106	103		mg/Kg	☼	80	75 - 125	3	20
Selenium	0.87	J	213	184		mg/Kg	☼	86	75 - 125	1	20
Silver	ND		10.6	9.25		mg/Kg	☼	87	75 - 125	1	20
Zinc	2400		106	2300	4	mg/Kg	☼	-78	75 - 125	2	20

Lab Sample ID: MB 240-632968/1-A
Matrix: Solid
Analysis Batch: 633175

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 632968

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	ND		1.5	0.32	mg/Kg		10/29/24 15:00	10/31/24 04:30	1
Barium	ND		20	0.13	mg/Kg		10/29/24 15:00	10/31/24 04:30	1
Cadmium	ND		0.50	0.048	mg/Kg		10/29/24 15:00	10/31/24 04:30	1
Chromium	ND		1.0	0.34	mg/Kg		10/29/24 15:00	10/31/24 04:30	1
Copper	ND		2.5	0.70	mg/Kg		10/29/24 15:00	10/31/24 04:30	1
Lead	ND		1.0	0.28	mg/Kg		10/29/24 15:00	10/31/24 04:30	1
Selenium	ND		2.0	0.47	mg/Kg		10/29/24 15:00	10/31/24 04:30	1
Silver	ND		1.0	0.081	mg/Kg		10/29/24 15:00	10/31/24 04:30	1
Zinc	ND		5.0	3.6	mg/Kg		10/29/24 15:00	10/31/24 04:30	1

Method: 6010D - Metals (ICP) (Continued)

Lab Sample ID: LCS 240-632968/2-A
Matrix: Solid
Analysis Batch: 633175

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 632968

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
Arsenic			200	193		mg/Kg		96	80 - 120		
Barium			200	186		mg/Kg		93	80 - 120		
Cadmium			100	94.5		mg/Kg		95	80 - 120		
Chromium			100	93.4		mg/Kg		93	80 - 120		
Copper			100	91.9		mg/Kg		92	80 - 120		
Lead			100	89.6		mg/Kg		90	80 - 120		
Selenium			200	190		mg/Kg		95	80 - 120		
Silver			10.0	9.05		mg/Kg		90	80 - 120		
Zinc			100	95.8		mg/Kg		96	80 - 120		

Lab Sample ID: 240-213776-8 MS
Matrix: Solid
Analysis Batch: 633175

Client Sample ID: T2-250-N-0.0
Prep Type: Total/NA
Prep Batch: 632968

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits		
Arsenic	13		286	272		mg/Kg	☼	90	75 - 125		
Barium	73		286	318		mg/Kg	☼	86	75 - 125		
Cadmium	0.38	J	143	126		mg/Kg	☼	88	75 - 125		
Chromium	24		143	144		mg/Kg	☼	84	75 - 125		
Copper	3.4	J F2 F1	143	20.6	F1	mg/Kg	☼	12	75 - 125		
Lead	30		143	139		mg/Kg	☼	76	75 - 125		
Selenium	1.7	J	286	250		mg/Kg	☼	87	75 - 125		
Silver	ND		14.3	12.1		mg/Kg	☼	85	75 - 125		
Zinc	4100		143	4130	4	mg/Kg	☼	54	75 - 125		

Lab Sample ID: 240-213776-8 MSD
Matrix: Solid
Analysis Batch: 633175

Client Sample ID: T2-250-N-0.0
Prep Type: Total/NA
Prep Batch: 632968

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Arsenic	13		286	270		mg/Kg	☼	90	75 - 125	1	20
Barium	73		286	320		mg/Kg	☼	86	75 - 125	0	20
Cadmium	0.38	J	143	124		mg/Kg	☼	87	75 - 125	1	20
Chromium	24		143	147		mg/Kg	☼	86	75 - 125	2	20
Copper	3.4	J F2 F1	143	15.5	F1 F2	mg/Kg	☼	8	75 - 125	28	20
Lead	30		143	140		mg/Kg	☼	77	75 - 125	1	20
Selenium	1.7	J	286	248		mg/Kg	☼	86	75 - 125	1	20
Silver	ND		14.3	12.0		mg/Kg	☼	84	75 - 125	1	20

Lab Sample ID: 240-213776-8 MSD
Matrix: Solid
Analysis Batch: 633440

Client Sample ID: T2-250-N-0.0
Prep Type: Total/NA
Prep Batch: 632968

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Zinc	4100		143	4800	4	mg/Kg	☼	522	75 - 125	15	20

Method: 7471B - Mercury (CVAA)

Lab Sample ID: MB 240-632762/1-A
Matrix: Solid
Analysis Batch: 632967

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 632762

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	ND		0.10	0.018	mg/Kg		10/28/24 15:00	10/29/24 10:11	1

Lab Sample ID: LCS 240-632762/2-A
Matrix: Solid
Analysis Batch: 632967

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 632762

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Mercury	0.833	0.784		mg/Kg		94	80 - 120

Lab Sample ID: 240-213776-3 MS
Matrix: Solid
Analysis Batch: 632967

Client Sample ID: T2-375-C-0.0
Prep Type: Total/NA
Prep Batch: 632762

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Mercury	0.032	J	0.243	0.271		mg/Kg	☼	98	80 - 120

Lab Sample ID: 240-213776-3 MSD
Matrix: Solid
Analysis Batch: 632967

Client Sample ID: T2-375-C-0.0
Prep Type: Total/NA
Prep Batch: 632762

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Mercury	0.032	J	0.243	0.276		mg/Kg	☼	100	80 - 120	2	20

Lab Sample ID: MB 240-632970/1-A
Matrix: Solid
Analysis Batch: 633145

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 632970

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	ND		0.10	0.018	mg/Kg		10/29/24 15:00	10/30/24 08:53	1

Lab Sample ID: LCS 240-632970/2-A
Matrix: Solid
Analysis Batch: 633145

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 632970

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Mercury	0.833	0.873		mg/Kg		105	80 - 120

Lab Sample ID: 240-213776-8 MS
Matrix: Solid
Analysis Batch: 633145

Client Sample ID: T2-250-N-0.0
Prep Type: Total/NA
Prep Batch: 632970

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Mercury	0.049	J	0.288	0.351		mg/Kg	☼	105	80 - 120

Lab Sample ID: 240-213776-8 MSD
Matrix: Solid
Analysis Batch: 633145

Client Sample ID: T2-250-N-0.0
Prep Type: Total/NA
Prep Batch: 632970

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Mercury	0.049	J	0.288	0.352		mg/Kg	☼	105	80 - 120	0	20

Method: 7196A - Chromium, Hexavalent

Lab Sample ID: MB 410-572435/1-A
Matrix: Solid
Analysis Batch: 573196

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 572435

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cr (VI)	ND		0.42	0.14	mg/Kg		11/07/24 12:04	11/09/24 08:06	1

Lab Sample ID: LCS 410-572435/2-A
Matrix: Solid
Analysis Batch: 573196

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 572435

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Cr (VI)	5.00	4.88		mg/Kg		98	80 - 120

Lab Sample ID: LCSI 410-572435/3-A
Matrix: Solid
Analysis Batch: 573196

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 572435

Analyte	Spike Added	LCSI Result	LCSI Qualifier	Unit	D	%Rec	%Rec Limits
Cr (VI)	804	749		mg/Kg		93	80 - 120

Lab Sample ID: 240-213776-3 MSI
Matrix: Solid
Analysis Batch: 573196

Client Sample ID: T2-375-C-0.0
Prep Type: Total/NA
Prep Batch: 572435

Analyte	Sample Result	Sample Qualifier	Spike Added	MSI Result	MSI Qualifier	Unit	D	%Rec	%Rec Limits
Cr (VI)	ND	F1	1140	636	F1	mg/Kg	☼	56	75 - 125

Lab Sample ID: 240-213776-3 MSS
Matrix: Solid
Analysis Batch: 573196

Client Sample ID: T2-375-C-0.0
Prep Type: Total/NA
Prep Batch: 572435

Analyte	Sample Result	Sample Qualifier	Spike Added	MSS Result	MSS Qualifier	Unit	D	%Rec	%Rec Limits
Cr (VI)	ND	F1	57.4	1.40	F1	mg/Kg	☼	2	75 - 125

Lab Sample ID: 240-213776-3 DU
Matrix: Solid
Analysis Batch: 573196

Client Sample ID: T2-375-C-0.0
Prep Type: Total/NA
Prep Batch: 572435

Analyte	Sample Result	Sample Qualifier	DU Result	DU Qualifier	Unit	D	RPD	RPD Limit
Cr (VI)	ND	F1	ND		mg/Kg	☼	NC	20

Lab Sample ID: MB 410-572841/1-A
Matrix: Solid
Analysis Batch: 573280

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 572841

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cr (VI)	ND		0.42	0.14	mg/Kg		11/08/24 09:24	11/10/24 06:14	1

Lab Sample ID: LCS 410-572841/2-A
Matrix: Solid
Analysis Batch: 573280

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 572841

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Cr (VI)	5.00	4.65		mg/Kg		93	80 - 120

Method: 7196A - Chromium, Hexavalent

Lab Sample ID: LCSI 410-572841/3-A
Matrix: Solid
Analysis Batch: 573280

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 572841

Analyte			Spike Added	LCSI Result	LCSI Qualifier	Unit	D	%Rec	%Rec Limits		
Cr (VI)			843	729		mg/Kg		86	80 - 120		

Method: 9012B - Cyanide, Total andor Amenable

Lab Sample ID: MB 240-634135/1-A
Matrix: Solid
Analysis Batch: 634230

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 634135

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cyanide, Total	ND		0.43	0.34	mg/Kg		11/06/24 09:13	11/06/24 11:24	1

Lab Sample ID: LCS 240-634135/2-A
Matrix: Solid
Analysis Batch: 634230

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 634135

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
Cyanide, Total			8.18	7.60		mg/Kg		93	65 - 128		

Lab Sample ID: 240-213776-3 MS
Matrix: Solid
Analysis Batch: 634230

Client Sample ID: T2-375-C-0.0
Prep Type: Total/NA
Prep Batch: 634135

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits		
Cyanide, Total	190		1.57	233	4	mg/Kg	☼	2760	24 - 140		

Lab Sample ID: 240-213776-3 MSD
Matrix: Solid
Analysis Batch: 634230

Client Sample ID: T2-375-C-0.0
Prep Type: Total/NA
Prep Batch: 634135

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Cyanide, Total	190		1.44	225	4	mg/Kg	☼	2387	24 - 140	4	40

Lab Sample ID: MRL 240-634230/10
Matrix: Solid
Analysis Batch: 634230

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte			Spike Added	MRL Result	MRL Qualifier	Unit	D	%Rec	%Rec Limits		
Cyanide, Total			0.0100	0.0101		mg/L		101	70 - 130		

Method: Moisture - Percent Moisture

Lab Sample ID: 240-213776-3 DU
Matrix: Solid
Analysis Batch: 632700

Client Sample ID: T2-375-C-0.0
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	DU Result	DU Qualifier	Unit	D	RPD	RPD Limit
Percent Solids	69.6		72.2		%		4	20
Percent Moisture	30.4		27.8		%		9	20

Method: Moisture - Percent Moisture (Continued)

Lab Sample ID: 240-213776-10 DU
Matrix: Solid
Analysis Batch: 632700

Client Sample ID: T2-250-N-1.0
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	DU Result	DU Qualifier	Unit	D	RPD	RPD Limit
Percent Solids	81.3		80.5		%		1	20
Percent Moisture	18.7		19.5		%		4	20

Method: OIA-1677 - Cyanide, Free (Flow Injection)

Lab Sample ID: MB 410-573350/17
Matrix: Solid
Analysis Batch: 573350

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cyanide, Free	ND		0.0060	0.0050	mg/L			11/09/24 16:00	1

Lab Sample ID: MB 410-573350/33
Matrix: Solid
Analysis Batch: 573350

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cyanide, Free	ND		0.0060	0.0050	mg/L			11/09/24 16:40	1

Lab Sample ID: LCS 410-573350/16
Matrix: Solid
Analysis Batch: 573350

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Cyanide, Free	0.0500	0.0424		mg/L		85	82 - 132

Lab Sample ID: LCS 410-573350/32
Matrix: Solid
Analysis Batch: 573350

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Cyanide, Free	0.0500	0.0439		mg/L		88	82 - 132

Lab Sample ID: 240-213776-2 MS
Matrix: Solid
Analysis Batch: 573350

Client Sample ID: T2-500-N-2.0
Prep Type: ASTM Leach

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Cyanide, Free	ND		0.0500	0.0454		mg/L		91	82 - 130

Lab Sample ID: 240-213776-2 MSD
Matrix: Solid
Analysis Batch: 573350

Client Sample ID: T2-500-N-2.0
Prep Type: ASTM Leach

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Cyanide, Free	ND		0.0500	0.0497		mg/L		99	82 - 130	9	11

Method: OIA-1677 - Cyanide, Free (Flow Injection) (Continued)

Lab Sample ID: 240-213776-3 MS
Matrix: Solid
Analysis Batch: 573350

Client Sample ID: T2-375-C-0.0
Prep Type: ASTM Leach

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Cyanide, Free	0.048		0.0500	0.0945		mg/L		92	82 - 130

Lab Sample ID: 240-213776-3 MSD
Matrix: Solid
Analysis Batch: 573350

Client Sample ID: T2-375-C-0.0
Prep Type: ASTM Leach

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Cyanide, Free	0.048		0.0500	0.0935		mg/L		90	82 - 130	1	11

GC/MS Semi VOA

Prep Batch: 632903

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
240-213776-1	T2-500-S-2.0	Total/NA	Solid	3546	
240-213776-2	T2-500-N-2.0	Total/NA	Solid	3546	
240-213776-3	T2-375-C-0.0	Total/NA	Solid	3546	
240-213776-4	T2-375-N-0.0	Total/NA	Solid	3546	
240-213776-5	T2-375-S-0.0	Total/NA	Solid	3546	
240-213776-6	T2-375-S-2.0	Total/NA	Solid	3546	
240-213776-7	TS-250-S-0.0	Total/NA	Solid	3546	
240-213776-8	T2-250-N-0.0	Total/NA	Solid	3546	
240-213776-9	DUP-6-20241025	Total/NA	Solid	3546	
240-213776-10	T2-250-N-1.0	Total/NA	Solid	3546	
240-213776-11	T2-100-S-0.0	Total/NA	Solid	3546	
240-213776-12	T2-100-N-0.0	Total/NA	Solid	3546	
MB 240-632903/1-A	Method Blank	Total/NA	Solid	3546	
LCS 240-632903/2-A	Lab Control Sample	Total/NA	Solid	3546	
240-213776-3 MS	T2-375-C-0.0	Total/NA	Solid	3546	
240-213776-3 MSD	T2-375-C-0.0	Total/NA	Solid	3546	

Analysis Batch: 633772

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
240-213776-1	T2-500-S-2.0	Total/NA	Solid	8270E	632903
240-213776-2	T2-500-N-2.0	Total/NA	Solid	8270E	632903
240-213776-3	T2-375-C-0.0	Total/NA	Solid	8270E	632903
240-213776-4	T2-375-N-0.0	Total/NA	Solid	8270E	632903
240-213776-5	T2-375-S-0.0	Total/NA	Solid	8270E	632903
240-213776-6	T2-375-S-2.0	Total/NA	Solid	8270E	632903
240-213776-7	TS-250-S-0.0	Total/NA	Solid	8270E	632903
240-213776-8	T2-250-N-0.0	Total/NA	Solid	8270E	632903
240-213776-9	DUP-6-20241025	Total/NA	Solid	8270E	632903
240-213776-10	T2-250-N-1.0	Total/NA	Solid	8270E	632903
240-213776-11	T2-100-S-0.0	Total/NA	Solid	8270E	632903
240-213776-12	T2-100-N-0.0	Total/NA	Solid	8270E	632903
MB 240-632903/1-A	Method Blank	Total/NA	Solid	8270E	632903
LCS 240-632903/2-A	Lab Control Sample	Total/NA	Solid	8270E	632903
240-213776-3 MS	T2-375-C-0.0	Total/NA	Solid	8270E	632903
240-213776-3 MSD	T2-375-C-0.0	Total/NA	Solid	8270E	632903

Metals

Prep Batch: 632758

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
240-213776-1	T2-500-S-2.0	Total/NA	Solid	3050B	
240-213776-2	T2-500-N-2.0	Total/NA	Solid	3050B	
240-213776-3	T2-375-C-0.0	Total/NA	Solid	3050B	
240-213776-4	T2-375-N-0.0	Total/NA	Solid	3050B	
240-213776-5	T2-375-S-0.0	Total/NA	Solid	3050B	
240-213776-6	T2-375-S-2.0	Total/NA	Solid	3050B	
240-213776-7	TS-250-S-0.0	Total/NA	Solid	3050B	
MB 240-632758/1-A	Method Blank	Total/NA	Solid	3050B	
LCS 240-632758/2-A	Lab Control Sample	Total/NA	Solid	3050B	
240-213776-3 MS	T2-375-C-0.0	Total/NA	Solid	3050B	
240-213776-3 MSD	T2-375-C-0.0	Total/NA	Solid	3050B	

Metals

Prep Batch: 632762

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
240-213776-1	T2-500-S-2.0	Total/NA	Solid	7471B	
240-213776-2	T2-500-N-2.0	Total/NA	Solid	7471B	
240-213776-3	T2-375-C-0.0	Total/NA	Solid	7471B	
240-213776-4	T2-375-N-0.0	Total/NA	Solid	7471B	
240-213776-5	T2-375-S-0.0	Total/NA	Solid	7471B	
240-213776-6	T2-375-S-2.0	Total/NA	Solid	7471B	
240-213776-7	TS-250-S-0.0	Total/NA	Solid	7471B	
MB 240-632762/1-A	Method Blank	Total/NA	Solid	7471B	
LCS 240-632762/2-A	Lab Control Sample	Total/NA	Solid	7471B	
240-213776-3 MS	T2-375-C-0.0	Total/NA	Solid	7471B	
240-213776-3 MSD	T2-375-C-0.0	Total/NA	Solid	7471B	

Analysis Batch: 632967

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
240-213776-1	T2-500-S-2.0	Total/NA	Solid	7471B	632762
240-213776-2	T2-500-N-2.0	Total/NA	Solid	7471B	632762
240-213776-3	T2-375-C-0.0	Total/NA	Solid	7471B	632762
240-213776-4	T2-375-N-0.0	Total/NA	Solid	7471B	632762
240-213776-5	T2-375-S-0.0	Total/NA	Solid	7471B	632762
240-213776-6	T2-375-S-2.0	Total/NA	Solid	7471B	632762
240-213776-7	TS-250-S-0.0	Total/NA	Solid	7471B	632762
MB 240-632762/1-A	Method Blank	Total/NA	Solid	7471B	632762
LCS 240-632762/2-A	Lab Control Sample	Total/NA	Solid	7471B	632762
240-213776-3 MS	T2-375-C-0.0	Total/NA	Solid	7471B	632762
240-213776-3 MSD	T2-375-C-0.0	Total/NA	Solid	7471B	632762

Prep Batch: 632968

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
240-213776-8	T2-250-N-0.0	Total/NA	Solid	3050B	
240-213776-9	DUP-6-20241025	Total/NA	Solid	3050B	
240-213776-10	T2-250-N-1.0	Total/NA	Solid	3050B	
240-213776-11	T2-100-S-0.0	Total/NA	Solid	3050B	
240-213776-12	T2-100-N-0.0	Total/NA	Solid	3050B	
MB 240-632968/1-A	Method Blank	Total/NA	Solid	3050B	
LCS 240-632968/2-A	Lab Control Sample	Total/NA	Solid	3050B	
240-213776-8 MS	T2-250-N-0.0	Total/NA	Solid	3050B	
240-213776-8 MSD	T2-250-N-0.0	Total/NA	Solid	3050B	

Prep Batch: 632970

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
240-213776-8	T2-250-N-0.0	Total/NA	Solid	7471B	
240-213776-9	DUP-6-20241025	Total/NA	Solid	7471B	
240-213776-10	T2-250-N-1.0	Total/NA	Solid	7471B	
240-213776-11	T2-100-S-0.0	Total/NA	Solid	7471B	
240-213776-12	T2-100-N-0.0	Total/NA	Solid	7471B	
MB 240-632970/1-A	Method Blank	Total/NA	Solid	7471B	
LCS 240-632970/2-A	Lab Control Sample	Total/NA	Solid	7471B	
240-213776-8 MS	T2-250-N-0.0	Total/NA	Solid	7471B	
240-213776-8 MSD	T2-250-N-0.0	Total/NA	Solid	7471B	

Metals

Analysis Batch: 633145

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
240-213776-8	T2-250-N-0.0	Total/NA	Solid	7471B	632970
240-213776-9	DUP-6-20241025	Total/NA	Solid	7471B	632970
240-213776-10	T2-250-N-1.0	Total/NA	Solid	7471B	632970
240-213776-11	T2-100-S-0.0	Total/NA	Solid	7471B	632970
240-213776-12	T2-100-N-0.0	Total/NA	Solid	7471B	632970
MB 240-632970/1-A	Method Blank	Total/NA	Solid	7471B	632970
LCS 240-632970/2-A	Lab Control Sample	Total/NA	Solid	7471B	632970
240-213776-8 MS	T2-250-N-0.0	Total/NA	Solid	7471B	632970
240-213776-8 MSD	T2-250-N-0.0	Total/NA	Solid	7471B	632970

Analysis Batch: 633175

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
240-213776-8	T2-250-N-0.0	Total/NA	Solid	6010D	632968
240-213776-9	DUP-6-20241025	Total/NA	Solid	6010D	632968
240-213776-10	T2-250-N-1.0	Total/NA	Solid	6010D	632968
240-213776-11	T2-100-S-0.0	Total/NA	Solid	6010D	632968
240-213776-12	T2-100-N-0.0	Total/NA	Solid	6010D	632968
MB 240-632968/1-A	Method Blank	Total/NA	Solid	6010D	632968
LCS 240-632968/2-A	Lab Control Sample	Total/NA	Solid	6010D	632968
240-213776-8 MS	T2-250-N-0.0	Total/NA	Solid	6010D	632968
240-213776-8 MSD	T2-250-N-0.0	Total/NA	Solid	6010D	632968

Analysis Batch: 633332

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
240-213776-1	T2-500-S-2.0	Total/NA	Solid	6010D	632758
240-213776-2	T2-500-N-2.0	Total/NA	Solid	6010D	632758
240-213776-3	T2-375-C-0.0	Total/NA	Solid	6010D	632758
240-213776-4	T2-375-N-0.0	Total/NA	Solid	6010D	632758
240-213776-5	T2-375-S-0.0	Total/NA	Solid	6010D	632758
240-213776-5	T2-375-S-0.0	Total/NA	Solid	6010D	632758
240-213776-6	T2-375-S-2.0	Total/NA	Solid	6010D	632758
240-213776-6	T2-375-S-2.0	Total/NA	Solid	6010D	632758
240-213776-7	TS-250-S-0.0	Total/NA	Solid	6010D	632758
MB 240-632758/1-A	Method Blank	Total/NA	Solid	6010D	632758
LCS 240-632758/2-A	Lab Control Sample	Total/NA	Solid	6010D	632758
240-213776-3 MS	T2-375-C-0.0	Total/NA	Solid	6010D	632758
240-213776-3 MSD	T2-375-C-0.0	Total/NA	Solid	6010D	632758

Analysis Batch: 633440

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
240-213776-8 MSD	T2-250-N-0.0	Total/NA	Solid	6010D	632968

General Chemistry

Leach Batch: 570226

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
240-213776-1	T2-500-S-2.0	ASTM Leach	Solid	D3987-85	
240-213776-2	T2-500-N-2.0	ASTM Leach	Solid	D3987-85	
240-213776-3	T2-375-C-0.0	ASTM Leach	Solid	D3987-85	
240-213776-4	T2-375-N-0.0	ASTM Leach	Solid	D3987-85	
240-213776-5	T2-375-S-0.0	ASTM Leach	Solid	D3987-85	

General Chemistry (Continued)

Leach Batch: 570226 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
240-213776-6	T2-375-S-2.0	ASTM Leach	Solid	D3987-85	
240-213776-7	TS-250-S-0.0	ASTM Leach	Solid	D3987-85	
240-213776-8	T2-250-N-0.0	ASTM Leach	Solid	D3987-85	
240-213776-9	DUP-6-20241025	ASTM Leach	Solid	D3987-85	
240-213776-10	T2-250-N-1.0	ASTM Leach	Solid	D3987-85	
240-213776-11	T2-100-S-0.0	ASTM Leach	Solid	D3987-85	
240-213776-12	T2-100-N-0.0	ASTM Leach	Solid	D3987-85	
240-213776-2 MS	T2-500-N-2.0	ASTM Leach	Solid	D3987-85	
240-213776-2 MSD	T2-500-N-2.0	ASTM Leach	Solid	D3987-85	
240-213776-3 MS	T2-375-C-0.0	ASTM Leach	Solid	D3987-85	
240-213776-3 MSD	T2-375-C-0.0	ASTM Leach	Solid	D3987-85	

Prep Batch: 572435

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
240-213776-1	T2-500-S-2.0	Total/NA	Solid	3060A	
240-213776-2	T2-500-N-2.0	Total/NA	Solid	3060A	
240-213776-3	T2-375-C-0.0	Total/NA	Solid	3060A	
240-213776-4	T2-375-N-0.0	Total/NA	Solid	3060A	
240-213776-5	T2-375-S-0.0	Total/NA	Solid	3060A	
240-213776-6	T2-375-S-2.0	Total/NA	Solid	3060A	
240-213776-7	TS-250-S-0.0	Total/NA	Solid	3060A	
240-213776-8	T2-250-N-0.0	Total/NA	Solid	3060A	
240-213776-9	DUP-6-20241025	Total/NA	Solid	3060A	
240-213776-10	T2-250-N-1.0	Total/NA	Solid	3060A	
240-213776-11	T2-100-S-0.0	Total/NA	Solid	3060A	
MB 410-572435/1-A	Method Blank	Total/NA	Solid	3060A	
LCS 410-572435/2-A	Lab Control Sample	Total/NA	Solid	3060A	
LCSI 410-572435/3-A	Lab Control Sample	Total/NA	Solid	3060A	
240-213776-3 MSI	T2-375-C-0.0	Total/NA	Solid	3060A	
240-213776-3 MSS	T2-375-C-0.0	Total/NA	Solid	3060A	
240-213776-3 DU	T2-375-C-0.0	Total/NA	Solid	3060A	

Analysis Batch: 572622

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
240-213776-5	T2-375-S-0.0	ASTM Leach	Solid	OIA-1677	570226

Prep Batch: 572841

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
240-213776-12	T2-100-N-0.0	Total/NA	Solid	3060A	
MB 410-572841/1-A	Method Blank	Total/NA	Solid	3060A	
LCS 410-572841/2-A	Lab Control Sample	Total/NA	Solid	3060A	
LCSI 410-572841/3-A	Lab Control Sample	Total/NA	Solid	3060A	

Analysis Batch: 573196

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
240-213776-1	T2-500-S-2.0	Total/NA	Solid	7196A	572435
240-213776-2	T2-500-N-2.0	Total/NA	Solid	7196A	572435
240-213776-3	T2-375-C-0.0	Total/NA	Solid	7196A	572435
240-213776-4	T2-375-N-0.0	Total/NA	Solid	7196A	572435
240-213776-5	T2-375-S-0.0	Total/NA	Solid	7196A	572435
240-213776-6	T2-375-S-2.0	Total/NA	Solid	7196A	572435

General Chemistry (Continued)

Analysis Batch: 573196 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
240-213776-7	TS-250-S-0.0	Total/NA	Solid	7196A	572435
240-213776-8	T2-250-N-0.0	Total/NA	Solid	7196A	572435
240-213776-9	DUP-6-20241025	Total/NA	Solid	7196A	572435
240-213776-10	T2-250-N-1.0	Total/NA	Solid	7196A	572435
240-213776-11	T2-100-S-0.0	Total/NA	Solid	7196A	572435
MB 410-572435/1-A	Method Blank	Total/NA	Solid	7196A	572435
LCS 410-572435/2-A	Lab Control Sample	Total/NA	Solid	7196A	572435
LCSI 410-572435/3-A	Lab Control Sample	Total/NA	Solid	7196A	572435
240-213776-3 MSI	T2-375-C-0.0	Total/NA	Solid	7196A	572435
240-213776-3 MSS	T2-375-C-0.0	Total/NA	Solid	7196A	572435
240-213776-3 DU	T2-375-C-0.0	Total/NA	Solid	7196A	572435

Analysis Batch: 573280

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
240-213776-12	T2-100-N-0.0	Total/NA	Solid	7196A	572841
MB 410-572841/1-A	Method Blank	Total/NA	Solid	7196A	572841
LCS 410-572841/2-A	Lab Control Sample	Total/NA	Solid	7196A	572841
LCSI 410-572841/3-A	Lab Control Sample	Total/NA	Solid	7196A	572841

Analysis Batch: 573350

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
240-213776-1	T2-500-S-2.0	ASTM Leach	Solid	OIA-1677	570226
240-213776-2	T2-500-N-2.0	ASTM Leach	Solid	OIA-1677	570226
240-213776-3	T2-375-C-0.0	ASTM Leach	Solid	OIA-1677	570226
240-213776-4	T2-375-N-0.0	ASTM Leach	Solid	OIA-1677	570226
240-213776-6	T2-375-S-2.0	ASTM Leach	Solid	OIA-1677	570226
240-213776-7	TS-250-S-0.0	ASTM Leach	Solid	OIA-1677	570226
240-213776-8	T2-250-N-0.0	ASTM Leach	Solid	OIA-1677	570226
240-213776-9	DUP-6-20241025	ASTM Leach	Solid	OIA-1677	570226
240-213776-10	T2-250-N-1.0	ASTM Leach	Solid	OIA-1677	570226
240-213776-11	T2-100-S-0.0	ASTM Leach	Solid	OIA-1677	570226
240-213776-12	T2-100-N-0.0	ASTM Leach	Solid	OIA-1677	570226
MB 410-573350/17	Method Blank	Total/NA	Solid	OIA-1677	
MB 410-573350/33	Method Blank	Total/NA	Solid	OIA-1677	
LCS 410-573350/16	Lab Control Sample	Total/NA	Solid	OIA-1677	
LCS 410-573350/32	Lab Control Sample	Total/NA	Solid	OIA-1677	
240-213776-2 MS	T2-500-N-2.0	ASTM Leach	Solid	OIA-1677	570226
240-213776-2 MSD	T2-500-N-2.0	ASTM Leach	Solid	OIA-1677	570226
240-213776-3 MS	T2-375-C-0.0	ASTM Leach	Solid	OIA-1677	570226
240-213776-3 MSD	T2-375-C-0.0	ASTM Leach	Solid	OIA-1677	570226

Analysis Batch: 632700

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
240-213776-1	T2-500-S-2.0	Total/NA	Solid	Moisture	
240-213776-2	T2-500-N-2.0	Total/NA	Solid	Moisture	
240-213776-3	T2-375-C-0.0	Total/NA	Solid	Moisture	
240-213776-4	T2-375-N-0.0	Total/NA	Solid	Moisture	
240-213776-5	T2-375-S-0.0	Total/NA	Solid	Moisture	
240-213776-6	T2-375-S-2.0	Total/NA	Solid	Moisture	
240-213776-7	TS-250-S-0.0	Total/NA	Solid	Moisture	
240-213776-8	T2-250-N-0.0	Total/NA	Solid	Moisture	

General Chemistry (Continued)

Analysis Batch: 632700 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
240-213776-9	DUP-6-20241025	Total/NA	Solid	Moisture	
240-213776-10	T2-250-N-1.0	Total/NA	Solid	Moisture	
240-213776-11	T2-100-S-0.0	Total/NA	Solid	Moisture	
240-213776-12	T2-100-N-0.0	Total/NA	Solid	Moisture	
240-213776-3 DU	T2-375-C-0.0	Total/NA	Solid	Moisture	
240-213776-10 DU	T2-250-N-1.0	Total/NA	Solid	Moisture	

Prep Batch: 634135

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
240-213776-1	T2-500-S-2.0	Total/NA	Solid	9012B	
240-213776-2	T2-500-N-2.0	Total/NA	Solid	9012B	
240-213776-3	T2-375-C-0.0	Total/NA	Solid	9012B	
240-213776-4	T2-375-N-0.0	Total/NA	Solid	9012B	
240-213776-5	T2-375-S-0.0	Total/NA	Solid	9012B	
240-213776-6	T2-375-S-2.0	Total/NA	Solid	9012B	
240-213776-7	TS-250-S-0.0	Total/NA	Solid	9012B	
240-213776-8	T2-250-N-0.0	Total/NA	Solid	9012B	
240-213776-9	DUP-6-20241025	Total/NA	Solid	9012B	
240-213776-10	T2-250-N-1.0	Total/NA	Solid	9012B	
240-213776-11	T2-100-S-0.0	Total/NA	Solid	9012B	
240-213776-12	T2-100-N-0.0	Total/NA	Solid	9012B	
MB 240-634135/1-A	Method Blank	Total/NA	Solid	9012B	
LCS 240-634135/2-A	Lab Control Sample	Total/NA	Solid	9012B	
240-213776-3 MS	T2-375-C-0.0	Total/NA	Solid	9012B	
240-213776-3 MSD	T2-375-C-0.0	Total/NA	Solid	9012B	

Analysis Batch: 634230

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
240-213776-1	T2-500-S-2.0	Total/NA	Solid	9012B	634135
240-213776-2	T2-500-N-2.0	Total/NA	Solid	9012B	634135
240-213776-3	T2-375-C-0.0	Total/NA	Solid	9012B	634135
240-213776-4	T2-375-N-0.0	Total/NA	Solid	9012B	634135
240-213776-5	T2-375-S-0.0	Total/NA	Solid	9012B	634135
240-213776-6	T2-375-S-2.0	Total/NA	Solid	9012B	634135
240-213776-7	TS-250-S-0.0	Total/NA	Solid	9012B	634135
240-213776-8	T2-250-N-0.0	Total/NA	Solid	9012B	634135
240-213776-9	DUP-6-20241025	Total/NA	Solid	9012B	634135
240-213776-10	T2-250-N-1.0	Total/NA	Solid	9012B	634135
240-213776-11	T2-100-S-0.0	Total/NA	Solid	9012B	634135
240-213776-12	T2-100-N-0.0	Total/NA	Solid	9012B	634135
MB 240-634135/1-A	Method Blank	Total/NA	Solid	9012B	634135
LCS 240-634135/2-A	Lab Control Sample	Total/NA	Solid	9012B	634135
MRL 240-634230/10	Lab Control Sample	Total/NA	Solid	9012B	
240-213776-3 MS	T2-375-C-0.0	Total/NA	Solid	9012B	634135
240-213776-3 MSD	T2-375-C-0.0	Total/NA	Solid	9012B	634135

Client Sample ID: T2-500-S-2.0 — **Lab Sample ID: 240-213776-1**
Date Collected: 10/25/24 09:00 — **Matrix: Solid**
Date Received: 10/25/24 16:53

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	Moisture		1	632700	PQD2	EET CLE	10/28/24 09:38
ASTM Leach	Leach	D3987-85			570226	UNWS	ELLE	11/01/24 16:57 - 11/02/24 10:57 [1]
ASTM Leach	Analysis	OIA-1677		1	573350	UJE2	ELLE	11/09/24 16:33

Client Sample ID: T2-500-S-2.0 — **Lab Sample ID: 240-213776-1**
Date Collected: 10/25/24 09:00 — **Matrix: Solid**
Date Received: 10/25/24 16:53 — **Percent Solids: 76.8**

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	3546			632903	BV1	EET CLE	10/29/24 08:54
Total/NA	Analysis	8270E		1	633772	JMG	EET CLE	11/04/24 12:48
Total/NA	Prep	3050B			632758	DEE	EET CLE	10/28/24 15:00
Total/NA	Analysis	6010D		1	633332	KLC	EET CLE	10/31/24 03:28
Total/NA	Prep	7471B			632762	DEE	EET CLE	10/28/24 15:00
Total/NA	Analysis	7471B		1	632967	S4FJ	EET CLE	10/29/24 10:46
Total/NA	Prep	3060A			572435	W2JF	ELLE	11/07/24 12:04
Total/NA	Analysis	7196A		1	573196	UDS7	ELLE	11/09/24 08:06
Total/NA	Prep	9012B			634135	C5SV	EET CLE	11/06/24 09:13
Total/NA	Analysis	9012B		1	634230	BLW	EET CLE	11/06/24 11:45

Client Sample ID: T2-500-N-2.0 — **Lab Sample ID: 240-213776-2**
Date Collected: 10/25/24 09:30 — **Matrix: Solid**
Date Received: 10/25/24 16:53

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	Moisture		1	632700	PQD2	EET CLE	10/28/24 09:38
ASTM Leach	Leach	D3987-85			570226	UNWS	ELLE	11/01/24 16:57 - 11/02/24 10:57 [1]
ASTM Leach	Analysis	OIA-1677		1	573350	UJE2	ELLE	11/09/24 16:03

Client Sample ID: T2-500-N-2.0 — **Lab Sample ID: 240-213776-2**
Date Collected: 10/25/24 09:30 — **Matrix: Solid**
Date Received: 10/25/24 16:53 — **Percent Solids: 75.1**

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	3546			632903	BV1	EET CLE	10/29/24 08:54
Total/NA	Analysis	8270E		1	633772	JMG	EET CLE	11/04/24 13:12
Total/NA	Prep	3050B			632758	DEE	EET CLE	10/28/24 15:00
Total/NA	Analysis	6010D		1	633332	KLC	EET CLE	10/31/24 03:32
Total/NA	Prep	7471B			632762	DEE	EET CLE	10/28/24 15:00
Total/NA	Analysis	7471B		1	632967	S4FJ	EET CLE	10/29/24 10:48
Total/NA	Prep	3060A			572435	W2JF	ELLE	11/07/24 12:04
Total/NA	Analysis	7196A		1	573196	UDS7	ELLE	11/09/24 08:06
Total/NA	Prep	9012B			634135	C5SV	EET CLE	11/06/24 09:13
Total/NA	Analysis	9012B		1	634230	BLW	EET CLE	11/06/24 11:47

Client Sample ID: T2-375-C-0.0 — **Lab Sample ID: 240-213776-3**
Date Collected: 10/25/24 10:10 — **Matrix: Solid**
Date Received: 10/25/24 16:53

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	Moisture		1	632700	PQD2	EET CLE	10/28/24 09:38
ASTM Leach	Leach	D3987-85			570226	UNWS	ELLE	11/01/24 16:57 - 11/02/24 10:57 [1]
ASTM Leach	Analysis	OIA-1677		1	573350	UJE2	ELLE	11/09/24 16:43

Client Sample ID: T2-375-C-0.0 — **Lab Sample ID: 240-213776-3**
Date Collected: 10/25/24 10:10 — **Matrix: Solid**
Date Received: 10/25/24 16:53 — **Percent Solids: 69.6**

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	3546			632903	BV1	EET CLE	10/29/24 08:54
Total/NA	Analysis	8270E		1	633772	JMG	EET CLE	11/04/24 15:38
Total/NA	Prep	3050B			632758	DEE	EET CLE	10/28/24 15:00
Total/NA	Analysis	6010D		1	633332	KLC	EET CLE	10/31/24 01:53
Total/NA	Prep	7471B			632762	DEE	EET CLE	10/28/24 15:00
Total/NA	Analysis	7471B		1	632967	S4FJ	EET CLE	10/29/24 10:14
Total/NA	Prep	3060A			572435	W2JF	ELLE	11/07/24 12:04
Total/NA	Analysis	7196A		1	573196	UDS7	ELLE	11/09/24 08:06
Total/NA	Prep	9012B			634135	C5SV	EET CLE	11/06/24 09:13
Total/NA	Analysis	9012B		25	634230	BLW	EET CLE	11/06/24 11:33

Client Sample ID: T2-375-N-0.0 — **Lab Sample ID: 240-213776-4**
Date Collected: 10/25/24 10:20 — **Matrix: Solid**
Date Received: 10/25/24 16:53

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	Moisture		1	632700	PQD2	EET CLE	10/28/24 09:38
ASTM Leach	Leach	D3987-85			570226	UNWS	ELLE	11/01/24 16:57 - 11/02/24 10:57 [1]
ASTM Leach	Analysis	OIA-1677		1	573350	UJE2	ELLE	11/09/24 16:20

Client Sample ID: T2-375-N-0.0 — **Lab Sample ID: 240-213776-4**
Date Collected: 10/25/24 10:20 — **Matrix: Solid**
Date Received: 10/25/24 16:53 — **Percent Solids: 78.3**

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	3546			632903	BV1	EET CLE	10/29/24 08:54
Total/NA	Analysis	8270E		1	633772	JMG	EET CLE	11/04/24 16:51
Total/NA	Prep	3050B			632758	DEE	EET CLE	10/28/24 15:00
Total/NA	Analysis	6010D		1	633332	KLC	EET CLE	10/31/24 03:42
Total/NA	Prep	7471B			632762	DEE	EET CLE	10/28/24 15:00
Total/NA	Analysis	7471B		1	632967	S4FJ	EET CLE	10/29/24 10:52
Total/NA	Prep	3060A			572435	W2JF	ELLE	11/07/24 12:04
Total/NA	Analysis	7196A		1	573196	UDS7	ELLE	11/09/24 08:06
Total/NA	Prep	9012B			634135	C5SV	EET CLE	11/06/24 09:13
Total/NA	Analysis	9012B		5	634230	BLW	EET CLE	11/06/24 13:15

Client Sample ID: T2-375-S-0.0 — **Lab Sample ID: 240-213776-5**
Date Collected: 10/25/24 10:35 — **Matrix: Solid**
Date Received: 10/25/24 16:53

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	Moisture		1	632700	PQD2	EET CLE	10/28/24 09:38
ASTM Leach	Leach	D3987-85			570226	UNWS	ELLE	11/01/24 16:57 - 11/02/24 10:57 [1]
ASTM Leach	Analysis	OIA-1677		1	572622	UJE2	ELLE	11/07/24 14:17

Client Sample ID: T2-375-S-0.0 — **Lab Sample ID: 240-213776-5**
Date Collected: 10/25/24 10:35 — **Matrix: Solid**
Date Received: 10/25/24 16:53 — **Percent Solids: 51.5**

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	3546			632903	BV1	EET CLE	10/29/24 08:54
Total/NA	Analysis	8270E		1	633772	JMG	EET CLE	11/04/24 17:16
Total/NA	Prep	3050B			632758	DEE	EET CLE	10/28/24 15:00
Total/NA	Analysis	6010D		1	633332	KLC	EET CLE	10/31/24 03:46
Total/NA	Prep	3050B			632758	DEE	EET CLE	10/28/24 15:00
Total/NA	Analysis	6010D		5	633332	KLC	EET CLE	10/31/24 08:53
Total/NA	Prep	7471B			632762	DEE	EET CLE	10/28/24 15:00
Total/NA	Analysis	7471B		1	632967	S4FJ	EET CLE	10/29/24 10:53
Total/NA	Prep	3060A			572435	W2JF	ELLE	11/07/24 12:04
Total/NA	Analysis	7196A		1	573196	UDS7	ELLE	11/09/24 08:06
Total/NA	Prep	9012B			634135	C5SV	EET CLE	11/06/24 09:13
Total/NA	Analysis	9012B		25	634230	BLW	EET CLE	11/06/24 11:57

Client Sample ID: T2-375-S-2.0 — **Lab Sample ID: 240-213776-6**
Date Collected: 10/25/24 11:15 — **Matrix: Solid**
Date Received: 10/25/24 16:53

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	Moisture		1	632700	PQD2	EET CLE	10/28/24 09:38
ASTM Leach	Leach	D3987-85			570226	UNWS	ELLE	11/01/24 16:57 - 11/02/24 10:57 [1]
ASTM Leach	Analysis	OIA-1677		1	573350	UJE2	ELLE	11/09/24 16:15

Client Sample ID: T2-375-S-2.0 — **Lab Sample ID: 240-213776-6**
Date Collected: 10/25/24 11:15 — **Matrix: Solid**
Date Received: 10/25/24 16:53 — **Percent Solids: 76.2**

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	3546			632903	BV1	EET CLE	10/29/24 08:54
Total/NA	Analysis	8270E		1	633772	JMG	EET CLE	11/04/24 14:01
Total/NA	Prep	3050B			632758	DEE	EET CLE	10/28/24 15:00
Total/NA	Analysis	6010D		1	633332	KLC	EET CLE	10/31/24 03:51
Total/NA	Prep	3050B			632758	DEE	EET CLE	10/28/24 15:00
Total/NA	Analysis	6010D		2	633332	KLC	EET CLE	10/31/24 08:58
Total/NA	Prep	7471B			632762	DEE	EET CLE	10/28/24 15:00
Total/NA	Analysis	7471B		1	632967	S4FJ	EET CLE	10/29/24 10:55

Client Sample ID: T2-375-S-2.0 — **Lab Sample ID: 240-213776-6**
Date Collected: 10/25/24 11:15 — **Matrix: Solid**
Date Received: 10/25/24 16:53 — **Percent Solids: 76.2**

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	3060A			572435	W2JF	ELLE	11/07/24 12:04
Total/NA	Analysis	7196A		1	573196	UDS7	ELLE	11/09/24 08:06
Total/NA	Prep	9012B			634135	C5SV	EET CLE	11/06/24 09:13
Total/NA	Analysis	9012B		5	634230	BLW	EET CLE	11/06/24 13:20

Client Sample ID: TS-250-S-0.0 — **Lab Sample ID: 240-213776-7**
Date Collected: 10/25/24 12:10 — **Matrix: Solid**
Date Received: 10/25/24 16:53

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	Moisture		1	632700	PQD2	EET CLE	10/28/24 09:38
ASTM Leach	Leach	D3987-85			570226	UNWS	ELLE	11/01/24 16:57 - 11/02/24 10:57 [1]
ASTM Leach	Analysis	OIA-1677		1	573350	UJE2	ELLE	11/09/24 17:08

Client Sample ID: TS-250-S-0.0 — **Lab Sample ID: 240-213776-7**
Date Collected: 10/25/24 12:10 — **Matrix: Solid**
Date Received: 10/25/24 16:53 — **Percent Solids: 74.0**

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	3546			632903	BV1	EET CLE	10/29/24 08:54
Total/NA	Analysis	8270E		1	633772	JMG	EET CLE	11/04/24 17:40
Total/NA	Prep	3050B			632758	DEE	EET CLE	10/28/24 15:00
Total/NA	Analysis	6010D		1	633332	KLC	EET CLE	10/31/24 03:55
Total/NA	Prep	7471B			632762	DEE	EET CLE	10/28/24 15:00
Total/NA	Analysis	7471B		1	632967	S4FJ	EET CLE	10/29/24 10:57
Total/NA	Prep	3060A			572435	W2JF	ELLE	11/07/24 12:04
Total/NA	Analysis	7196A		1	573196	UDS7	ELLE	11/09/24 08:06
Total/NA	Prep	9012B			634135	C5SV	EET CLE	11/06/24 09:13
Total/NA	Analysis	9012B		5	634230	BLW	EET CLE	11/06/24 13:24

Client Sample ID: T2-250-N-0.0 — **Lab Sample ID: 240-213776-8**
Date Collected: 10/25/24 12:25 — **Matrix: Solid**
Date Received: 10/25/24 16:53

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	Moisture		1	632700	PQD2	EET CLE	10/28/24 09:38
ASTM Leach	Leach	D3987-85			570226	UNWS	ELLE	11/01/24 16:57 - 11/02/24 10:57 [1]
ASTM Leach	Analysis	OIA-1677		1	573350	UJE2	ELLE	11/09/24 17:13

Client Sample ID: T2-250-N-0.0 — **Lab Sample ID: 240-213776-8**
Date Collected: 10/25/24 12:25 — **Matrix: Solid**
Date Received: 10/25/24 16:53 — **Percent Solids: 56.0**

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	3546			632903	BV1	EET CLE	10/29/24 08:54
Total/NA	Analysis	8270E		1	633772	JMG	EET CLE	11/04/24 18:04

Lab Chronicle

Client: August Mack Environmental, Inc.
Job ID: 240-213776-1
Project/Site: MSC Canfield - N. Ditch Sampling

Client Sample ID: T2-250-N-0.0
Lab Sample ID: 240-213776-8
Date Collected: 10/25/24 12:25
Matrix: Solid
Date Received: 10/25/24 16:53
Percent Solids: 56.0

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	3050B			632968	DEE	EET CLE	10/29/24 15:00
Total/NA	Analysis	6010D		1	633175	RKT	EET CLE	10/31/24 04:39
Total/NA	Prep	7471B			632970	DEE	EET CLE	10/29/24 15:00
Total/NA	Analysis	7471B		1	633145	S4FJ	EET CLE	10/30/24 09:00
Total/NA	Prep	3060A			572435	W2JF	ELLE	11/07/24 12:04
Total/NA	Analysis	7196A		1	573196	UDS7	ELLE	11/09/24 08:06
Total/NA	Prep	9012B			634135	C5SV	EET CLE	11/06/24 09:13
Total/NA	Analysis	9012B		25	634230	BLW	EET CLE	11/06/24 13:48

Client Sample ID: DUP-6-20241025
Lab Sample ID: 240-213776-9
Date Collected: 10/25/24 00:00
Matrix: Solid
Date Received: 10/25/24 16:53

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	Moisture		1	632700	PQD2	EET CLE	10/28/24 09:38
ASTM Leach	Leach	D3987-85			570226	UNWS	ELLE	11/01/24 16:57 - 11/02/24 10:57 [1]
ASTM Leach	Analysis	OIA-1677		1	573350	UJE2	ELLE	11/09/24 16:10

Client Sample ID: DUP-6-20241025
Lab Sample ID: 240-213776-9
Date Collected: 10/25/24 00:00
Matrix: Solid
Date Received: 10/25/24 16:53
Percent Solids: 57.9

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	3546			632903	BV1	EET CLE	10/29/24 08:54
Total/NA	Analysis	8270E		1	633772	JMG	EET CLE	11/04/24 18:28
Total/NA	Prep	3050B			632968	DEE	EET CLE	10/29/24 15:00
Total/NA	Analysis	6010D		1	633175	RKT	EET CLE	10/31/24 05:09
Total/NA	Prep	7471B			632970	DEE	EET CLE	10/29/24 15:00
Total/NA	Analysis	7471B		1	633145	S4FJ	EET CLE	10/30/24 09:05
Total/NA	Prep	3060A			572435	W2JF	ELLE	11/07/24 12:04
Total/NA	Analysis	7196A		1	573196	UDS7	ELLE	11/09/24 08:06
Total/NA	Prep	9012B			634135	C5SV	EET CLE	11/06/24 09:13
Total/NA	Analysis	9012B		25	634230	BLW	EET CLE	11/06/24 12:07

Client Sample ID: T2-250-N-1.0
Lab Sample ID: 240-213776-10
Date Collected: 10/25/24 12:55
Matrix: Solid
Date Received: 10/25/24 16:53

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	Moisture		1	632700	PQD2	EET CLE	10/28/24 09:38
ASTM Leach	Leach	D3987-85			570226	UNWS	ELLE	11/01/24 16:57 - 11/02/24 10:57 [1]
ASTM Leach	Analysis	OIA-1677		1	573350	UJE2	ELLE	11/09/24 16:28

Client Sample ID: T2-250-N-1.0
Lab Sample ID: 240-213776-10

Date Collected: 10/25/24 12:55
Matrix: Solid
Date Received: 10/25/24 16:53
Percent Solids: 81.3

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	3546			632903	BV1	EET CLE	10/29/24 08:54
Total/NA	Analysis	8270E		1	633772	JMG	EET CLE	11/04/24 13:37
Total/NA	Prep	3050B			632968	DEE	EET CLE	10/29/24 15:00
Total/NA	Analysis	6010D		1	633175	RKT	EET CLE	10/31/24 05:14
Total/NA	Prep	7471B			632970	DEE	EET CLE	10/29/24 15:00
Total/NA	Analysis	7471B		1	633145	S4FJ	EET CLE	10/30/24 09:07
Total/NA	Prep	3060A			572435	W2JF	ELLE	11/07/24 12:04
Total/NA	Analysis	7196A		1	573196	UDS7	ELLE	11/09/24 08:06
Total/NA	Prep	9012B			634135	C5SV	EET CLE	11/06/24 09:13
Total/NA	Analysis	9012B		5	634230	BLW	EET CLE	11/06/24 13:35

Client Sample ID: T2-100-S-0.0
Lab Sample ID: 240-213776-11

Date Collected: 10/25/24 13:40
Matrix: Solid
Date Received: 10/25/24 16:53

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	Moisture		1	632700	PQD2	EET CLE	10/28/24 09:38
ASTM Leach	Leach	D3987-85			570226	UNWS	ELLE	11/01/24 16:57 - 11/02/24 10:57 [1]
ASTM Leach	Analysis	OIA-1677		1	573350	UJE2	ELLE	11/09/24 16:18

Client Sample ID: T2-100-S-0.0
Lab Sample ID: 240-213776-11

Date Collected: 10/25/24 13:40
Matrix: Solid
Date Received: 10/25/24 16:53
Percent Solids: 76.2

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	3546			632903	BV1	EET CLE	10/29/24 08:54
Total/NA	Analysis	8270E		1	633772	JMG	EET CLE	11/04/24 18:53
Total/NA	Prep	3050B			632968	DEE	EET CLE	10/29/24 15:00
Total/NA	Analysis	6010D		1	633175	RKT	EET CLE	10/31/24 05:18
Total/NA	Prep	7471B			632970	DEE	EET CLE	10/29/24 15:00
Total/NA	Analysis	7471B		1	633145	S4FJ	EET CLE	10/30/24 09:09
Total/NA	Prep	3060A			572435	W2JF	ELLE	11/07/24 12:04
Total/NA	Analysis	7196A		1	573196	UDS7	ELLE	11/09/24 08:06
Total/NA	Prep	9012B			634135	C5SV	EET CLE	11/06/24 09:13
Total/NA	Analysis	9012B		25	634230	BLW	EET CLE	11/06/24 12:30

Client Sample ID: T2-100-N-0.0
Lab Sample ID: 240-213776-12

Date Collected: 10/25/24 13:50
Matrix: Solid
Date Received: 10/25/24 16:53

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	Moisture		1	632700	PQD2	EET CLE	10/28/24 09:38
ASTM Leach	Leach	D3987-85			570226	UNWS	ELLE	11/01/24 16:57 - 11/02/24 10:57 [1]
ASTM Leach	Analysis	OIA-1677		1	573350	UJE2	ELLE	11/09/24 16:30

Lab Chronicle

Client: August Mack Environmental, Inc.
Job ID: 240-213776-1
Project/Site: MSC Canfield - N. Ditch Sampling

Client Sample ID: T2-100-N-0.0
Lab Sample ID: 240-213776-12
Date Collected: 10/25/24 13:50
Matrix: Solid
Date Received: 10/25/24 16:53
Percent Solids: 74.8

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	3546			632903	BV1	EET CLE	10/29/24 08:54
Total/NA	Analysis	8270E		1	633772	JMG	EET CLE	11/04/24 19:17
Total/NA	Prep	3050B			632968	DEE	EET CLE	10/29/24 15:00
Total/NA	Analysis	6010D		1	633175	RKT	EET CLE	10/31/24 05:22
Total/NA	Prep	7471B			632970	DEE	EET CLE	10/29/24 15:00
Total/NA	Analysis	7471B		1	633145	S4FJ	EET CLE	10/30/24 09:10
Total/NA	Prep	3060A			572841	W2JF	ELLE	11/08/24 09:24
Total/NA	Analysis	7196A		1	573280	UDS7	ELLE	11/10/24 06:14
Total/NA	Prep	9012B			634135	C5SV	EET CLE	11/06/24 09:13
Total/NA	Analysis	9012B		1	634230	BLW	EET CLE	11/06/24 12:31

[1] This procedure uses a method stipulated length of time for the process. Both start and end times are displayed.

Laboratory References:

EET CLE = Eurofins Cleveland, 180 S. Van Buren Avenue, Barberton, OH 44203, TEL (330)497-9396

ELLE = Eurofins Lancaster Laboratories Environment Testing, LLC, 2425 New Holland Pike, Lancaster, PA 17601, TEL (717)656-2300

Accreditation/Certification Summary

Client: August Mack Environmental, Inc. Job ID: 240-213776-1
Project/Site: MSC Canfield - N. Ditch Sampling

Laboratory: Eurofins Cleveland

All accreditations/certifications held by this laboratory are listed. Not all accreditations/certifications are applicable to this report.

Authority	Program	Identification Number	Expiration Date
California	State	2927	02-28-25
Connecticut	State	PH-0806	12-31-26
Georgia	State	4062	02-27-25
Illinois	NELAP	200004	08-31-25
Iowa	State	421	06-01-25
Kentucky (UST)	State	112225	02-27-25
Kentucky (WW)	State	KY98016	12-30-24
Minnesota	NELAP	039-999-348	12-31-24
New Hampshire	NELAP	225024	09-30-25
New Jersey	NELAP	OH001	07-03-25
New York	NELAP	10975	04-02-25
Ohio VAP	State	ORELAP 4062	02-27-25
Oregon	NELAP	4062	02-27-25
Pennsylvania	NELAP	68-00340	08-31-25
Texas	NELAP	T104704517-22-19	08-31-25
USDA	US Federal Programs	P330-18-00281	01-05-27
Virginia	NELAP	460175	09-14-25
West Virginia DEP	State	210	12-31-24

Laboratory: Eurofins Lancaster Laboratories Environment Testing, LLC

All accreditations/certifications held by this laboratory are listed. Not all accreditations/certifications are applicable to this report.

Authority	Program	Identification Number	Expiration Date
A2LA	Dept. of Defense ELAP	0001.01	11-30-26
A2LA	ISO/IEC 17025	0001.01	11-30-26
Alabama	State	43200	01-31-25
Alaska	State	PA00009	06-30-25
Alaska (UST)	State	17-027	02-28-25
Arizona	State	AZ0780	03-12-25
Arkansas DEQ	State	88-00660	08-09-25
California	State	2792	11-30-24
Colorado	State	PA00009	06-30-25
Connecticut	State	PH-0746	06-30-25
DE Haz. Subst. Cleanup Act (HSCA)	State	019-006 (PA cert)	01-31-25
Delaware (DW)	State	N/A	01-31-25
Florida	NELAP	E87997	06-30-25
Georgia (DW)	State	C048	01-31-25
Hawaii	State	N/A	01-31-25
Illinois	NELAP	200027	01-31-25
Iowa	State	361	03-01-26
Kansas	NELAP	E-10151	10-31-25
Kentucky (DW)	State	KY90088	12-31-24
Kentucky (UST)	State	0001.01	11-30-26
Kentucky (WW)	State	KY90088	12-31-24
Louisiana (All)	NELAP	02055	06-30-25
Maine	State	2019012	03-12-25
Maryland	State	100	06-30-25
Massachusetts	State	M-PA009	06-30-25
Michigan	State	9930	01-31-25
Minnesota	NELAP	042-999-487	12-31-24

Accreditation/Certification Summary

Client: August Mack Environmental, Inc. Job ID: 240-213776-1
Project/Site: MSC Canfield - N. Ditch Sampling

Laboratory: Eurofins Lancaster Laboratories Environment Testing, LLC (Continued)

All accreditations/certifications held by this laboratory are listed. Not all accreditations/certifications are applicable to this report.

Authority	Program	Identification Number	Expiration Date
Mississippi	State	023	01-31-25
Missouri	State	450	01-31-25
Montana (DW)	State	0098	01-01-25
Nebraska	State	NE-OS-32-17	01-31-25
New Hampshire	NELAP	2730	01-10-25
New Jersey	NELAP	PA011	06-30-25
New York	NELAP	10670	04-01-25
North Carolina (DW)	State	42705	07-31-25
North Carolina (WW/SW)	State	521	12-31-25
North Dakota	State	R-205	01-31-24 *
Oklahoma	NELAP	9804	08-31-24 *
Oregon	NELAP	PA200001	09-11-25
Pennsylvania	NELAP	36-00037	01-31-25
Quebec Ministry of Environment and Fight against Climate Change	PALA	507	09-16-29
Rhode Island	State	LAO00338	12-30-24
South Carolina	State	89002	01-31-25
Tennessee	State	02838	01-31-25
Texas	NELAP	T104704194-23-46	08-31-25
USDA	US Federal Programs	525-22-298-19481	10-25-25
Vermont	State	VT - 36037	10-28-25
Virginia	NELAP	460182	06-14-25
Washington	State	C457	04-11-25
West Virginia (DW)	State	9906 C	01-31-25
West Virginia DEP	State	055	07-31-25
Wyoming	State	8TMS-L	01-31-25
Wyoming (UST)	A2LA	0001.01	11-30-26

* Accreditation/Certification renewal pending - accreditation/certification considered valid.

Eurofins Cleveland
180 S. Van Buren Avenue
Barberton, OH 44203
Phone (330) 497-9396 Phone (330) 497-0772

Chain of Custody Record

eurofins | Environment Testing

Client Information	Sampler: Elisabeth Webber	Lab PM: Kalis, Nicole A	Carrier Tracking No(s):	COC No: 240-124901-43556.4
Client Contact: Kain Lager-Lowe	Phone:	E-Mail: Nicole.Kalis@et.eurofinsus.com	State of Origin: OH	Page: ~~Page 1 of 12~~ 1 of 2
Company: August Mack Environmental, Inc.	PWSID:			Job #: SY2380.381
Address: 7830 North Central Drive, Suite B	Due Date Requested:			
City: Lewis Center	TAT Requested (days): Standard TAT			
State, Zip: OH, 43035	Compliance Project: Δ Yes Δ No			
Phone: 740-548-1515(Tel)	PO #:			
Email: klagerlowe@augustmack.com	WO #:			
Project Name: MSC Canfield ~~Soil/Surface Water~~ N Ditch Sampl. Yg	Project #: DO NOT DELETE - 24033889			
Site:	SSOW#:			

Analysis Requested

Preservation Codes:
N - None
A - HCL
B - NaOH
D - HNO3

Other:

Sample Identification	Sample Date	Sample Time	Sample Type (C=comp, G=grab)	Matrix (W=water, S=solid, O=waste/oil, BT=Tissue, A=Air)	Field Filtered Sample (Yes or No)	Perform MS/MSD (Yes or No)	8260D - VOCs	8270E - SVOCs PAH ONLY	8082A - PCBs	6010D, 7471B - RCRA 8, Cu & Zn	9012B - Total Cyanide	7196A - Hexavalent Chromium	1677 - Free Cyanide	Total Number of containers	Special Instructions/Note:
			Preservation Code:				N	N	N	N	N	N	N		
T2-500-S-2.0	10-25-24	0900	G	Solid	N			X		X	X	X	X	5	
T2-500-N-2.0	10-25-24	0930	G	Solid	N			X		X	X	X	X	5	
T2-375-C-0.0	10-25-24	1010	G	Solid	N	Y		X		X	X	X	X	15	MS/MSD
T2-375-N-0.0	10-25-24	1020	G	Solid	N			X		X	X	X	X	5	
T2-375-S-0.0	10-25-24	1035	G	Solid	N			X		X	X	X	X	5	
T2-375-S-2.0	10-25-24	1115	G	Solid	N			X		X	X	X	X	5	
T2-250-S-0.0	10-25-24	1210	G	Solid	N			X		X	X	X	X	5	
T2-250-N-0.0	10-25-24	1225	G	Solid	N			X		X	X	X	X	5	
DUP-6-20241025	10-25-24	—	G	Solid	N			X		X	X	X	X	5	
T2-250-N-1.0	10-25-24	1255	G	Solid	N			X		X	X	X	X	5	
T2-100-S-0.0	10-25-24	1340	G	Solid	N			X		X	X	X	X	5	

240-213776 COC

Possible Hazard Identification
☐ Non-Hazard ☐ Flammable ☐ Skin Irritant ☐ Poison B ☐ Unknown ☐ Radiological

Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)
☐ Return To Client ☐ Disposal By Lab ☐ Archive For _____ Months

Deliverable Requested: I, II, III, IV, Other (specify)

Special Instructions/QC Requirements:

Empty Kit Relinquished by:	Date:	Time:	Method of Shipment:

Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company
Ben Peters	10/25/24 1548	AME	[signature]	10/25/24 1550	EUR
[signature]	10/25/24 1653	EUR	[signature]	10/25/24 1653	

Custody Seals Intact: Δ Yes Δ No | Custody Seal No.: | Cooler Temperature(s) °C and Other Remarks:

Ver: 05/06/2024

11/11/2024

Eurofins Cleveland
180 S. Van Buren Avenue
Barberton, OH 44203
Phone (330) 497-9396 Phone (330) 497-0772

Chain of Custody Record

eurofins | Environment Testing

Client Information	Sampler: Elisabeth Webber	Lab PM: Kalis, Nicole A	Carrier Tracking No(s):	COC No: 240-124901-43556.4
Client Contact: Kain Lager-Lowe	Phone:	E-Mail: Nicole.Kalis@et.eurofinsus.com	State of Origin: OH	Page: ~~Page 4 of 42~~ 2 of 2
Company: August Mack Environmental, Inc.	PWSID:			Job #: JY2380.381
Address: 7830 North Central Drive, Suite B	Due Date Requested:			
City: Lewis Center	TAT Requested (days): Standard TAT			
State, Zip: OH, 43035	Compliance Project: Δ Yes Δ No			
Phone: 740-548-1515(Tel)	PO #:			
Email: klagerlowe@augustmack.com	WO #:			
Project Name: MSC Canfield - ~~Soil/Surface Water~~ N Pitch Sample	Project #: DO NOT DELETE - 24033889			
Site:	SSOW#:			

Analysis Requested

Preservation Codes:
N - None
A - HCL
B - NaOH
D - HNO3
Other:

Sample Identification	Sample Date	Sample Time	Sample Type (C=Comp, G=grab)	Matrix (W=water, S=solid, O=waste/oil, BT=Tissue, A=Air)	Field Filtered Sample (Yes or No)	Perform MS/MSD (Yes or No)	8260D - VOCs	8270E - SVOCs - PAH ONLY	8082A - PCBs	6010D, 7471B - RCRA 8, Cu & Zn	9012B - Total Cyanide	7196A - Hexavalent Chromium	1677 - Free Cyanide	Total Number of containers	Special Instructions/Note:
			Preservation Code:				N	N	N	N	N	N	N		
T2-100-N-0.0	10-25-24	1350	G	Solid	N			X		X	X	X	X	5	
TB-10-2024 1025	10-25-24	1425	G	W ~~Solid~~	N									1	Trip Blank
TB-11-2024 1025	10-25-24	1430	G	W ~~Solid~~	N									1	Trip Blank
				Solid											
				Solid											
				Solid											
				Solid											
				Solid											
				Solid											
				Solid											
				Solid											
				Solid											

Possible Hazard Identification
☐ Non-Hazard ☐ Flammable ☐ Skin Irritant ☐ Poison B ☐ Unknown ☐ Radiological

Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)
☐ Return To Client ☐ Disposal By Lab ☐ Archive For _____ Months

Deliverable Requested: I, II, III, IV, Other (specify)

Special Instructions/QC Requirements:

Empty Kit Relinquished by:	Date:	Time:	Method of Shipment:

Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company
Ben Peters	10/25/24 1548	AMF		10/25/24 1550	EUR
Relinquished by:	Date/Time: 10/25/24 1653	Company EUR	Received by:	Date/Time: 10/25/24 16:53	Company
Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company

Custody Seals Intact: Δ Yes Δ No	Custody Seal No.:	Cooler Temperature(s) °C and Other Remarks:

Eurofins – Cleveland Sample Receipt Form/Narrative **Login # :** _____
Barberton Facility

Client AUGUST MAC Site Name _____ Cooler unpacked by: [illegible]

Cooler Received on 10.25.24 Opened on 10.26.24

FedEx: 1st Grd Exp UPS FAS Waypoint Client Drop Off (Eurofins Courier) Other

Receipt After-hours: Drop-off Date/Time _____ Storage Location _____

Eurofins Cooler # CC Foam Box Client Cooler Box Other _____

Packing material used: (Bubble Wrap) Foam Plastic Bag None Other _____

COOLANT: (Wet Ice) Blue Ice Dry Ice Water None

1 Cooler temperature upon receipt ☐ See Multiple Cooler Form

IR GUN # 17 (CF +0.1 °C) Observed Cooler Temp. _____ °C Corrected Cooler Temp. _____ °C

2. Were tamper/custody seals on the outside of the cooler(s)? If Yes Quantity_____	Yes (No)	**Tests that are not checked for pH by Receiving:**
-Were the seals on the outside of the cooler(s) signed & dated?	Yes No NA	**VOAs**
-Were tamper/custody seals on the bottle(s) or bottle kits (LLHg/MeHg)?	Yes (No)	**Oil and Grease**
-Were tamper/custody seals intact and uncompromised?	Yes No NA	**TOC**
3 Shippers' packing slip attached to the cooler(s)?	Yes (No)	
4. Did custody papers accompany the sample(s)?	(Yes) No	
5 Were the custody papers relinquished & signed in the appropriate place?	(Yes) No	
6. Was/were the person(s) who collected the samples clearly identified on the COC?	(Yes) No	
7 Did all bottles arrive in good condition (Unbroken)?	(Yes) No	
8 Could all bottle labels (ID/Date/Time) be reconciled with the COC?	(Yes) No	
9 For each sample, does the COC specify preservatives (Y/N), # of containers (Y/N), and sample type of grab/comp (Y/N)?		
10 Were correct bottle(s) used for the test(s) indicated?	(Yes) No	
11 Sufficient quantity received to perform indicated analyses?	(Yes) No	
12 Are these work share samples and all listed on the COC?	Yes (No)	
If yes, Questions 13-17 have been checked at the originating laboratory		
13 Were all preserved sample(s) at the correct pH upon receipt?	Yes No (NA)	pH Strip Lot# HC447997
14 Were VOAs on the COC?	(Yes) No	
15 Were air bubbles >6 mm in any VOA vials? ● ⬅ Larger than this.	Yes (No) NA	
16. Was a VOA trip blank present in the cooler(s)? Trip Blank Lot #_____	(Yes) No	
17 Was a LL Hg or Me Hg trip blank present? _____	Yes (No)	

Contacted PM _____ Date _____ by _____ via Verbal Voice Mail Other

Concerning _____

18. CHAIN OF CUSTODY & SAMPLE DISCREPANCIES ☐ additional next page | Samples processed by:

_____

_____

_____

_____

19 SAMPLE CONDITION

Sample(s) _____ were received after the recommended holding time had expired.

Sample(s) _____ were received in a broken container

Sample(s) _____ were received with bubble >6 mm in diameter (Notify PM)

20. SAMPLE PRESERVATION

Sample(s) _____ were further preserved in the laboratory

Time preserved. _____ Preservative(s) added/Lot number(s). _____

VOA Sample Preservation - Date/Time VOAs Frozen. _____

Login # : _____

Eurofins - Cleveland Sample Receipt Multiple Cooler Form

Cooler Description (Circle)	IR Gun # (Circle)	Observed Temp °C	Corrected Temp °C	Coolant (Circle)
EC Client Box Other	IR GUN #: 17	3.4	3.5	Wet Ice Blue Ice Dry Ice Water None
EC Client Box Other	IR GUN #: 17	2.8	2.9	Wet Ice Blue Ice Dry Ice Water None
EC Client Box Other	IR GUN #: 17	2.6	2.7	Wet Ice Blue Ice Dry Ice Water None
EC Client Box Other	IR GUN #:			Wet Ice Blue Ice Dry Ice Water None
EC Client Box Other	IR GUN #:			Wet Ice Blue Ice Dry Ice Water None
EC Client Box Other	IR GUN #:			Wet Ice Blue Ice Dry Ice Water None
EC Client Box Other	IR GUN #:			Wet Ice Blue Ice Dry Ice Water None
EC Client Box Other	IR GUN #:			Wet Ice Blue Ice Dry Ice Water None
EC Client Box Other	IR GUN #:			Wet Ice Blue Ice Dry Ice Water None
EC Client Box Other	IR GUN #:			Wet Ice Blue Ice Dry Ice Water None
EC Client Box Other	IR GUN #:			Wet Ice Blue Ice Dry Ice Water None
EC Client Box Other	IR GUN #:			Wet Ice Blue Ice Dry Ice Water None
EC Client Box Other	IR GUN #:			Wet Ice Blue Ice Dry Ice Water None
EC Client Box Other	IR GUN #:			Wet Ice Blue Ice Dry Ice Water None
EC Client Box Other	IR GUN #:			Wet Ice Blue Ice Dry Ice Water None
EC Client Box Other	IR GUN #:			Wet Ice Blue Ice Dry Ice Water None
EC Client Box Other	IR GUN #:			Wet Ice Blue Ice Dry Ice Water None
EC Client Box Other	IR GUN #:			Wet Ice Blue Ice Dry Ice Water None
EC Client Box Other	IR GUN #:			Wet Ice Blue Ice Dry Ice Water None
EC Client Box Other	IR GUN #:			Wet Ice Blue Ice Dry Ice Water None
EC Client Box Other	IR GUN #:			Wet Ice Blue Ice Dry Ice Water None
EC Client Box Other	IR GUN #:			Wet Ice Blue Ice Dry Ice Water None
EC Client Box Other	IR GUN #:			Wet Ice Blue Ice Dry Ice Water None
EC Client Box Other	IR GUN #:			Wet Ice Blue Ice Dry Ice Water None
EC Client Box Other	IR GUN #:			Wet Ice Blue Ice Dry Ice Water None
EC Client Box Other	IR GUN #:			Wet Ice Blue Ice Dry Ice Water None
EC Client Box Other	IR GUN #:			Wet Ice Blue Ice Dry Ice Water None
EC Client Box Other	IR GUN #:			Wet Ice Blue Ice Dry Ice Water None
EC Client Box Other	IR GUN #:			Wet Ice Blue Ice Dry Ice Water None
EC Client Box Other	IR GUN #:			Wet Ice Blue Ice Dry Ice Water None
EC Client Box Other	IR GUN #:			Wet Ice Blue Ice Dry Ice Water None
EC Client Box Other	IR GUN #:			Wet Ice Blue Ice Dry Ice Water None
EC Client Box Other	IR GUN #:			Wet Ice Blue Ice Dry Ice Water None
EC Client Box Other	IR GUN #:			Wet Ice Blue Ice Dry Ice Water None
EC Client Box Other	IR GUN #:			Wet Ice Blue Ice Dry Ice Water None
EC Client Box Other	IR GUN #:			Wet Ice Blue Ice Dry Ice Water None
EC Client Box Other	IR GUN #:			Wet Ice Blue Ice Dry Ice Water None
EC Client Box Other	IR GUN #:			Wet Ice Blue Ice Dry Ice Water None
EC Client Box Other	IR GUN #:			Wet Ice Blue Ice Dry Ice Water None
EC Client Box Other	IR GUN #:			Wet Ice Blue Ice Dry Ice Water None
EC Client Box Other	IR GUN #:			Wet Ice Blue Ice Dry Ice Water None
EC Client Box Other	IR GUN #:			Wet Ice Blue Ice Dry Ice Water None
EC Client Box Other	IR GUN #:			Wet Ice Blue Ice Dry Ice Water None
EC Client Box Other	IR GUN #:			Wet Ice Blue Ice Dry Ice Water None
EC Client Box Other	IR GUN #:			Wet Ice Blue Ice Dry Ice Water None
EC Client Box Other	IR GUN #:			Wet Ice Blue Ice Dry Ice Water None
EC Client Box Other	IR GUN #:			Wet Ice Blue Ice Dry Ice Water None
EC Client Box Other	IR GUN #:			Wet Ice Blue Ice Dry Ice Water None

☐ See Temperature Excursion Form

10/26/2024

Login Container Summary Report

240-213776

11/11/2024

Temperature readings _____

Client Sample ID	Lab ID	Container Type	Container pH	Container Temp	Preservation Added	Preservation Lot Number
T2-500-S-2 0	240-213776-A-1	SnapCap 1/2 ounce unpreserved				
T2-500-S-2 0	240-213776-B-1	Soil jar 4oz - clear glass				
T2-500-S-2.0	240-213776-C-1	Soil jar 4oz - clear glass				
T2-500-S-2 0	240-213776-D-1	Soil jar 4oz - clear glass				
T2-500-S-2.0	240-213776-E-1	Soil jar 4oz - clear glass				
T2-500-S-2 0	240-213776-F-1	Soil jar 4oz - clear glass				
T2-500-N-2 0	240-213776-A-2	SnapCap 1/2 ounce unpreserved				
T2-500-N-2 0	240-213776-B-2	Soil jar 4oz - clear glass				
T2-500-N-2 0	240-213776-C-2	Soil jar 4oz - clear glass				
T2-500-N-2 0	240-213776-D-2	Soil jar 4oz - clear glass				
T2-500-N-2.0	240-213776-E-2	Soil jar 4oz - clear glass				
T2-500-N-2 0	240-213776-F-2	Soil jar 4oz - clear glass				
T2-375-C-0 0	240-213776-A-3	SnapCap 1/2 ounce unpreserved				
T2-375-C-0 0	240-213776-A-3 DU	SnapCap 1/2 ounce unpreserved				
T2-375-C-0 0	240-213776-A-3 MS	Soil jar 4oz - clear glass				
T2-375-C-0 0	240-213776-A-3 MSD	Soil jar 4oz - clear glass				
T2-375-C-0 0	240-213776-A-3 MSI	Soil jar 4oz - clear glass				
T2-375-C-0 0	240-213776-A-3 MSS	Soil jar 4oz - clear glass				
T2-375-C-0 0	240-213776-B-3	Soil jar 4oz - clear glass				
T2-375-C-0 0	240-213776-B-3 MS	Soil jar 4oz - clear glass				
T2-375-C-0 0	240-213776-B-3 MSD	Soil jar 4oz - clear glass				
T2-375-C-0 0	240-213776-C-3	Soil jar 4oz - clear glass				
T2-375-C-0.0	240-213776-C-3 MS	Soil jar 4oz - clear glass				
T2-375-C-0 0	240-213776-C-3 MSD	Soil jar 4oz - clear glass				
T2-375-C-0 0	240-213776-D-3	Soil jar 4oz - clear glass				
T2-375-C-0 0	240-213776-D-3 MS	Soil jar 4oz - clear glass				
T2-375-C-0 0	240-213776-D-3 MSD	Soil jar 4oz - clear glass				
T2-375-C-0 0	240-213776-E-3	Soil jar 4oz - clear glass				
T2-375-C-0.0	240-213776-F-3	Soil jar 4oz - clear glass				
T2-375-N-0 0	240-213776-A-4	SnapCap 1/2 ounce unpreserved				
T2-375-N-0 0	240-213776-B-4	Soil jar 4oz - clear glass				
T2-375-N-0 0	240-213776-C-4	Soil jar 4oz - clear glass				
T2-375-N-0 0	240-213776-D-4	Soil jar 4oz - clear glass				

Client Sample ID	Lab ID	Container Type	Container pH	Container Temp	Preservation Added	Preservation Lot Number
T2-375-N-0 0	240-213776-E-4	Soil jar 4oz - clear glass				
T2-375-N-0 0	240-213776-F-4	Soil jar 4oz - clear glass				
T2-375-S-0 0	240-213776-A-5	SnapCap 1/2 ounce unpreserved				
T2-375-S-0 0	240-213776-B-5	Soil jar 4oz - clear glass				
T2-375-S-0 0	240-213776-C-5	Soil jar 4oz - clear glass				
T2-375-S-0 0	240-213776-D-5	Soil jar 4oz - clear glass				
T2-375-S-0 0	240-213776-E-5	Soil jar 4oz - clear glass				
T2-375-S-0.0	240-213776-F-5	Soil jar 4oz - clear glass				
T2-375-S-0.2	240-213776-A-6	SnapCap 1/2 ounce unpreserved				
T2-375-S-0.2	240-213776-B-6	Soil jar 4oz - clear glass				
T2-375-S-0.2	240-213776-C-6	Soil jar 4oz - clear glass				
T2-375-S-0.2	240-213776-D-6	Soil jar 4oz - clear glass				
T2-375-S-0.2	240-213776-E-6	Soil jar 4oz - clear glass				
T2-375-S-0.2	240-213776-F-6	Soil jar 4oz - clear glass				
TS-250-S-0 0	240-213776-A-7	SnapCap 1/2 ounce unpreserved				
TS-250-S-0 0	240-213776-B-7	Soil jar 4oz - clear glass				
TS-250-S-0 0	240-213776-C-7	Soil jar 4oz - clear glass				
TS-250-S-0 0	240-213776-D-7	Soil jar 4oz - clear glass				
TS-250-S-0 0	240-213776-E-7	Soil jar 4oz - clear glass				
TS-250-S-0 0	240-213776-F-7	Soil jar 4oz - clear glass				
T2-250-N-0 0	240-213776-A-8	SnapCap 1/2 ounce unpreserved				
T2-250-N-0 0	240-213776-B-8	Soil jar 4oz - clear glass				
T2-250-N-0 0	240-213776-C-8	Soil jar 4oz - clear glass				
T2-250-N-0 0	240-213776-D-8	Soil jar 4oz - clear glass				
T2-250-N-0 0	240-213776-E-8	Soil jar 4oz - clear glass				
T2-250-N-0.0	240-213776-F-8	Soil jar 4oz - clear glass				
DUP-6-20241025	240-213776-A-9	SnapCap 1/2 ounce unpreserved				
DUP-6-20241025	240-213776-B-9	Soil jar 4oz - clear glass				
DUP-6-20241025	240-213776-C-9	Soil jar 4oz - clear glass				
DUP-6-20241025	240-213776-D-9	Soil jar 4oz - clear glass				
DUP-6-20241025	240-213776-E-9	Soil jar 4oz - clear glass				
DUP-6-20241025	240-213776-F-9	Soil jar 4oz - clear glass				
TS-250-N-1.0	240-213776-A-10	SnapCap 1/2 ounce unpreserved				
TS-250-N-1 0	240-213776-B-10	Soil jar 4oz - clear glass				
TS-250-N-1 0	240-213776-C-10	Soil jar 4oz - clear glass				
TS-250-N-1 0	240-213776-D-10	Soil jar 4oz - clear glass				
TS-250-N-1 0	240-213776-E-10	Soil jar 4oz - clear glass				
TS-250-N-1 0	240-213776-F-10	Soil jar 4oz - clear glass				

Client Sample ID	Lab ID	Container Type	Container pH	Container Temp	Preservation Added	Preservation Lot Number
TS-100-S-0 0	240-213776-A-11	SnapCap 1/2 ounce unpreserved				
TS-100-S-0 0	240-213776-B-11	Soil jar 4oz - clear glass				
TS-100-S-0 0	240-213776-C-11	Soil jar 4oz - clear glass				
TS-100-S-0 0	240-213776-D-11	Soil jar 4oz - clear glass				
TS-100-S-0 0	240-213776-E-11	Soil jar 4oz - clear glass				
TS-100-S-0 0	240-213776-F-11	Soil jar 4oz - clear glass				
T2-100-N-0 0	240-213776-A-12	SnapCap 1/2 ounce unpreserved				
T2-100-N-0 0	240-213776-B-12	Soil jar 4oz - clear glass				
T2-100-N-0 0	240-213776-C-12	Soil jar 4oz - clear glass				
T2-100-N-0 0	240-213776-D-12	Soil jar 4oz - clear glass				
T2-100-N-0 0	240-213776-E-12	Soil jar 4oz - clear glass				
T2-100-N-0 0	240-213776-F-12	Soil jar 4oz - clear glass				
TB-10-20241025	240-213776-A-13	Voa Vial 40ml - Hydrochloric Acid				
TB-11-20241025	240-213776-A-14	Voa Vial 40ml - Hydrochloric Acid				

Eurofins Cleveland
180 S. Van Buren Avenue
Barberton, OH 44203
Phone: 330-497-9396 Fax: 330-497-0772

Chain of Custody Record

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Client Information (Sub Contract Lab)	Sampler: N/A	Lab PM: Kalis, Nicole A	Carrier Tracking No(s): N/A	COC No: 240-192889.1
Client Contact: Shipping/Receiving	Phone: N/A	E-Mail: Nicole.Kalis@et.eurofinsus.com	State of Origin: Ohio	Page: Page 1 of 2
Company: Eurofins Lancaster Laboratories Environm		Accreditations Required (See note): N/A		Job #: 240-213776-1
Address: 2425 New Holland Pike, ,	Due Date Requested: 11/7/2024			Preservation Codes: -
City: Lancaster	TAT Requested (days): N/A			
State, Zip: PA, 17601				
Phone: 717-656-2300(Tel)	PO #: N/A			
Email: N/A	WO #: N/A			
Project Name: MSC Canfield - N. Ditch Sampling	Project #: 24033889			
Site: N/A	SSOW#: N/A			Other: N/A

Sample Identification - Client ID (Lab ID)	Sample Date	Sample Time	Sample Type (C=comp, G=grab)	Matrix (W=water, S=solid, O=waste/oil, BT=Tissue, A=Air)	Field Filtered Sample (Yes or No)	Perform MS/MSD (Yes or No)	1677_Free/ASTM_LEACH_NP Cyanide, Free	7196A/3060A Chromium, Hexavalent	Total Number of containers	Special Instructions/Note:
			Preservation Code:							
T2-500-S-2.0 (240-213776-1)	10/25/24	09:00 Eastern	G	Solid			X	X	2	Use caution! Site contaminated with solvent waste
T2-500-N-2.0 (240-213776-2)	10/25/24	09:30 Eastern	G	Solid			X	X	2	Use caution! Site contaminated with solvent waste
T2-375-C-0.0 (240-213776-3)	10/25/24	10:10 Eastern	G	Solid			X	X	2	Use caution! Site contaminated with solvent waste
T2-375-C-0.0 (240-213776-3MSI)	10/25/24	10:10 Eastern	G	Solid				X	1	Use caution! Site contaminated with solvent waste
T2-375-C-0.0 (240-213776-3MSS)	10/25/24	10:10 Eastern	G	Solid				X	1	Use caution! Site contaminated with solvent waste
T2-375-N-0.0 (240-213776-4)	10/25/24	10:20 Eastern	G	Solid			X	X	2	Use caution! Site contaminated with solvent waste
T2-375-S-0.0 (240-213776-5)	10/25/24	10:35 Eastern	G	Solid			X	X	2	Use caution! Site contaminated with solvent waste
T2-375-S-0.2 (240-213776-6)	10/25/24	11:15 Eastern	G	Solid			X	X	2	Use caution! Site contaminated with solvent waste
TS-250-S-0.0 (240-213776-7)	10/25/24	12:10 Eastern	G	Solid			X	X	2	Use caution! Site contaminated with solvent waste

Note: Since laboratory accreditations are subject to change, Eurofins Environment Testing North Central, LLC places the ownership of method, analyte & accreditation compliance upon our subcontract laboratories. This sample shipment is forwarded under chain-of-custody. If the laboratory does not currently maintain accreditation in the State of Origin listed above for analysis/tests/matrix being analyzed, the samples must be shipped back to the Eurofins Environment Testing North Central, LLC laboratory or other instructions will be provided. Any changes to accreditation status should be brought to Eurofins Environment Testing North Central, LLC attention immediately. If all requested accreditations are current to date, return the signed Chain of Custody attesting to said compliance to Eurofins Environment Testing North Central, LLC.

Possible Hazard Identification	Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)
Unconfirmed	☐ Return To Client ☐ Disposal By Lab ☐ Archive For _____ Months
Deliverable Requested: I, II, III, IV, Other (specify) Primary Deliverable Rank: 2	Special Instructions/QC Requirements:

Empty Kit Relinquished by:	Date:	Time:	Method of Shipment:

	Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company
	MALISSA LOAR	10/28/24				
	Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company
	Relinquished by:	Date/Time:	Company	Received by:	Date/Time: 10/29/24 1010	Company ECLET

Custody Seals Intact: Δ Yes Δ No	Custody Seal No.:	Cooler Temperature(s) °C and Other Remarks: R: 3.2 2.8 C: 2.9 2.5

NJ

Ver: 10/10/2024

Eurofins Cleveland
180 S. Van Buren Avenue
Barberton, OH 44203
Phone: 330-497-9396 Fax: 330-497-0772

Chain of Custody Record

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Client Information (Sub Contract Lab)	Sampler: N/A	Lab PM: Kalis, Nicole A	Carrier Tracking No(s): N/A	COC No: 240-192889.2
Client Contact: Shipping/Receiving	Phone: N/A	E-Mail: Nicole.Kalis@et.eurofinsus.com	State of Origin: Ohio	Page: Page 2 of 2
Company: Eurofins Lancaster Laboratories Environm		Accreditations Required (See note): N/A		Job #: 240-213776-1
Address: 2425 New Holland Pike, ,	Due Date Requested: 11/7/2024			Preservation Codes: -
City: Lancaster	TAT Requested (days): N/A			
State, Zip: PA, 17601				
Phone: 717-656-2300(Tel)	PO #: N/A			
Email: N/A	WO #: N/A			
Project Name: MSC Canfield - N. Ditch Sampling	Project #: 24033889			
Site: N/A	SSOW#: N/A			Other: N/A

Analysis Requested

Sample Identification - Client ID (Lab ID)	Sample Date	Sample Time	Sample Type (C=comp, G=grab)	Matrix (W=water, S=solid, O=waste/oil, BT=Tissue, A=Air)	Field Filtered Sample (Yes or No)	Perform MS/MSD (Yes or No)	1677_Free/ASTM_LEACH_NP Cyanide, Free	7196A/3060A Chromium, Hexavalent	Total Number of containers	Special Instructions/Note:
			Preservation Code:							
T2-250-N-0.0 (240-213776-8)	10/25/24	12:25 Eastern	G	Solid			X	X	2	Use caution! Site contaminated with solvent waste
DUP-6-20241025 (240-213776-9)	10/25/24	Eastern	G	Solid			X	X	2	Use caution! Site contaminated with solvent waste
TS-250-N-1.0 (240-213776-10)	10/25/24	12:55 Eastern	G	Solid			X	X	2	Use caution! Site contaminated with solvent waste
TS-100-S-0.0 (240-213776-11)	10/25/24	13:40 Eastern	G	Solid			X	X	2	Use caution! Site contaminated with solvent waste
T2-100-N-0.0 (240-213776-12)	10/25/24	13:50 Eastern	G	Solid			X	X	2	Use caution! Site contaminated with solvent waste

Note: Since laboratory accreditations are subject to change, Eurofins Environment Testing North Central, LLC places the ownership of method, analyte & accreditation compliance upon our subcontract laboratories. This sample shipment is forwarded under chain-of-custody. If the laboratory does not currently maintain accreditation in the State of Origin listed above for analysis/tests/matrix being analyzed, the samples must be shipped back to the Eurofins Environment Testing North Central, LLC laboratory or other instructions will be provided. Any changes to accreditation status should be brought to Eurofins Environment Testing North Central, LLC attention immediately. If all requested accreditations are current to date, return the signed Chain of Custody attesting to said compliance to Eurofins Environment Testing North Central, LLC.

Possible Hazard Identification	*Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)*
Unconfirmed	☐ *Return To Client* ☐ *Disposal By Lab* ☐ *Archive For* _____ *Months*
Deliverable Requested: I, II, III, IV, Other (specify) Primary Deliverable Rank: 2	Special Instructions/QC Requirements:

Empty Kit Relinquished by:	Date:	Time:	Method of Shipment:

Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company
MALISSA LOAR	10/28/24				
Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company
Relinquished by:	Date/Time:	Company	Received by:	Date/Time: 10/29/24 10:00	Company EUROFINS

Custody Seals Intact: Δ Yes Δ No	Custody Seal No.:	Cooler Temperature(s) °C and Other Remarks: R: 3.2 2.8 C: 2.9 2.5

NJ

Ver: 10/10/2024

Login Sample Receipt Checklist

Client: August Mack Environmental, Inc.

Job Number: 240-213776-1

Login Number: 213776
List Number: 2
Creator: Santiago, Nathaniel

List Source: Eurofins Lancaster Laboratories Environment Testing, LLC
List Creation: 10/29/24 11:20 AM

Question	Answer	Comment
The cooler's custody seal is intact.	N/A	
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	True	
Cooler Temperature acceptable,where thermal pres is required(</=6C, not frozen).	True	
Cooler Temperature is recorded.	True	
WV:Container Temp acceptable,where thermal pres is required (</=6C, not frozen).	N/A	
WV: Container Temperature is recorded.	N/A	
COC is present.	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information.	True	
There are no discrepancies between the containers received and the COC.	True	
Sample containers have legible labels.	True	
Containers are not broken or leaking.	True	
Sample collection date/times are provided.	True	
Appropriate sample containers are used.	True	
Sample bottles are completely filled.	True	
There is sufficient vol. for all requested analyses.	True	
Is the Field Sampler's name present on COC?	False	Received project as a subcontract.
Sample custody seals are intact.	N/A	
VOA sample vials do not have headspace >6mm in diameter (none, if from WV)?	N/A	

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ANALYTICAL REPORT

PREPARED FOR

Attn: Kain Lager-Lowe
August Mack Environmental, Inc.
7830 North Central Drive, Suite B
Lewis Center, Ohio 43035

Generated 11/8/2024 6:53:51 PM

JOB DESCRIPTION

MSC Canfield N DITCH SAMPLING

JOB NUMBER

240-213853-1

Eurofins Cleveland
180 S. Van Buren Avenue
Barberton OH 44203

See page two for job notes and contact information.

my EOL

Job Notes

This report may not be reproduced except in full, and with written approval from the laboratory. The results relate only to the samples tested. For questions please contact the Project Manager at the e-mail address or telephone number listed on this page.

The test results in this report relate only to the samples as received by the laboratory and will meet all requirements of the methodology, with any exceptions noted. This report shall not be reproduced except in full, without the express written approval of the laboratory. All questions should be directed to the Eurofins Environment Testing North Central, LLC Project Manager.

Authorization



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Authorized for release by
Nicole Kalis, Project Manager I
Nicole.Kalis@et.eurofinsus.com
(330)497-9396

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Definitions/Glossary

Client: August Mack Environmental, Inc. Job ID: 240-213853-1
Project/Site: MSC Canfield N DITCH SAMPLING

Qualifiers

GC/MS Semi VOA

Qualifier	Qualifier Description
B	Compound was found in the blank and sample.
J	Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.

Metals

Qualifier	Qualifier Description
J	Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.

General Chemistry

Qualifier	Qualifier Description
4	MS, MSD: The analyte present in the original sample is greater than 4 times the matrix spike concentration; therefore, control limits are not applicable.
H	Sample was prepped or analyzed beyond the specified holding time. This does not meet regulatory requirements.

Glossary

Abbreviation	These commonly used abbreviations may or may not be present in this report.
☼	Listed under the "D" column to designate that the result is reported on a dry weight basis
%R	Percent Recovery
CFL	Contains Free Liquid
CFU	Colony Forming Unit
CNF	Contains No Free Liquid
DER	Duplicate Error Ratio (normalized absolute difference)
Dil Fac	Dilution Factor
DL	Detection Limit (DoD/DOE)
DL, RA, RE, IN	Indicates a Dilution, Re-analysis, Re-extraction, or additional Initial metals/anion analysis of the sample
DLC	Decision Level Concentration (Radiochemistry)
EDL	Estimated Detection Limit (Dioxin)
LOD	Limit of Detection (DoD/DOE)
LOQ	Limit of Quantitation (DoD/DOE)
MCL	EPA recommended "Maximum Contaminant Level"
MDA	Minimum Detectable Activity (Radiochemistry)
MDC	Minimum Detectable Concentration (Radiochemistry)
MDL	Method Detection Limit
ML	Minimum Level (Dioxin)
MPN	Most Probable Number
MQL	Method Quantitation Limit
NC	Not Calculated
ND	Not Detected at the reporting limit (or MDL or EDL if shown)
NEG	Negative / Absent
POS	Positive / Present
PQL	Practical Quantitation Limit
PRES	Presumptive
QC	Quality Control
RER	Relative Error Ratio (Radiochemistry)
RL	Reporting Limit or Requested Limit (Radiochemistry)
RPD	Relative Percent Difference, a measure of the relative difference between two points
TEF	Toxicity Equivalent Factor (Dioxin)
TEQ	Toxicity Equivalent Quotient (Dioxin)
TNTC	Too Numerous To Count

Job ID: 240-213853-1 Eurofins Cleveland

Job Narrative
240-213853-1

Analytical test results meet all requirements of the associated regulatory program listed on the Accreditation/Certification Summary Page unless otherwise noted under the individual analysis. Data qualifiers and/or narrative comments are included to explain any exceptions, if applicable.

- Matrix QC may not be reported if insufficient sample is provided or site-specific QC samples were not submitted. In these situations, to demonstrate precision and accuracy at a batch level, a LCS/LCSD may be performed, unless otherwise specified in the method.
- Surrogate and/or isotope dilution analyte recoveries (if applicable) which are outside of the QC window are confirmed unless attributed to a dilution or otherwise noted in the narrative.

Regulated compliance samples (e.g. SDWA, NPDES) must comply with the associated agency requirements/permits.

Receipt
The samples were received on 10/28/2024 3:51 PM. Unless otherwise noted below, the samples arrived in good condition, and, where required, properly preserved and on ice. The temperatures of the 2 coolers at receipt time were 1.5°C and 2.2°C.

Receipt Exceptions
The following sampletb-14-20241028 was listed on the Chain of Custody (COC); however, no samples were received: T2-0-C-SW (240-213853-1), T2-750-C-SW (240-213853-2), T2-1820-C-SW (240-213853-3), RB-1-20241028 (240-213853-4), EB-1-20241028 (240-213853-5), TB-12-20241028 (240-213853-6) and TB-13-20241028 (240-213853-7).

GC/MS VOA
Method 8260D: The continuing calibration verification (CCV) analyzed in batch 240-633742 was outside the method criteria for the following analyte(s): 1,1,2-Trichloro-1,2,2-trifluoroethane and Trichlorofluoromethane. A CCV standard at or below the reporting limit (RL) was analyzed with the affected samples and found to be acceptable. As indicated in the reference method, sample analysis may proceed; however, any detection for the affected analyte(s) is considered estimated.

No additional analytical or quality issues were noted, other than those described above or in the Definitions/ Glossary page.

GC/MS Semi VOA
Method 8270E: Insufficient sample volume was available to perform a matrix spike/matrix spike duplicate (MS/MSD) associated with preparation batch 240-633087.

No additional analytical or quality issues were noted, other than those described above or in the Definitions/ Glossary page.

Metals
No additional analytical or quality issues were noted, other than those described above or in the Definitions/ Glossary page.

General Chemistry
Method 7196A: The following sample(s) was received with less than 2 days remaining on the holding time or less than one shift (8 hours) remaining on a test with a holding time of 48 hours or less. As such, the laboratory had insufficient time remaining to perform the analysis within holding time: T2-0-C-SW (240-213853-1).

Method 7196A - Dissolved: The following sample(s) was received with less than 2 days remaining on the holding time or less than one shift (8 hours) remaining on a test with a holding time of 48 hours or less. As such, the laboratory had insufficient time remaining to perform the analysis within holding time: T2-0-C-SW (240-213853-1).

No additional analytical or quality issues were noted, other than those described above or in the Definitions/ Glossary page.

Method Summary

Client: August Mack Environmental, Inc.
Project/Site: MSC Canfield N DITCH SAMPLING

Job ID: 240-213853-1

Method	Method Description	Protocol	Laboratory
8260D	Volatile Organic Compounds by GC/MS	SW846	EET CLE
8270E	Semivolatile Organic Compounds (GC/MS)	SW846	EET CLE
6010D	Metals (ICP)	SW846	EET CLE
7470A	Mercury (CVAA)	SW846	EET CLE
7196A	Chromium, Hexavalent	SW846	EET CLE
9012B	Cyanide, Total andor Amenable	SW846	EET CLE
OIA-1677	Cyanide, Free (Flow Injection)	OI CORP	ELLE
3005A	Preparation, Total Recoverable or Dissolved Metals	SW846	EET CLE
3510C LVI	Liquid-Liquid Extraction (Separatory Funnel) LVI	SW846	EET CLE
5030C	Purge and Trap	SW846	EET CLE
7470A	Preparation, Mercury	SW846	EET CLE
9012B	Cyanide, Total and/or Amenable, Distillation	SW846	EET CLE

Protocol References:

OI CORP = OI Corporation Instrument Manual.

SW846 = "Test Methods For Evaluating Solid Waste, Physical/Chemical Methods", Third Edition, November 1986 And Its Updates.

Laboratory References:

EET CLE = Eurofins Cleveland, 180 S. Van Buren Avenue, Barberton, OH 44203, TEL (330)497-9396

ELLE = Eurofins Lancaster Laboratories Environment Testing, LLC, 2425 New Holland Pike, Lancaster, PA 17601, TEL (717)656-2300

Sample Summary

Client: August Mack Environmental, Inc.
Job ID: 240-213853-1
Project/Site: MSC Canfield N DITCH SAMPLING

Lab Sample ID	Client Sample ID	Matrix	Collected	Received
240-213853-1	T2-0-C-SW	Water	10/28/24 09:45	10/28/24 15:51
240-213853-2	T2-750-C-SW	Water	10/28/24 12:25	10/28/24 15:51
240-213853-3	T2-1820-C-SW	Water	10/28/24 13:00	10/28/24 15:51
240-213853-4	RB-1-20241028	Water	10/28/24 14:10	10/28/24 15:51
240-213853-5	EB-1-20241028	Water	10/28/24 14:25	10/28/24 15:51
240-213853-6	TB-12-20241028	Water	10/28/24 00:00	10/28/24 15:51
240-213853-7	TB-13-20241028	Water	10/28/24 00:00	10/28/24 15:51

Detection Summary

Client: August Mack Environmental, Inc.
Project/Site: MSC Canfield N DITCH SAMPLING

Job ID: 240-213853-1

Client Sample ID: T2-0-C-SW — Lab Sample ID: 240-213853-1

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Benzo[b]fluoranthene	0.15	J	0.20	0.15	ug/L	1		8270E	Total/NA
Fluoranthene	0.21		0.20	0.16	ug/L	1		8270E	Total/NA
Naphthalene	1.6	B	0.20	0.11	ug/L	1		8270E	Total/NA
Phenanthrene	0.16	J	0.20	0.080	ug/L	1		8270E	Total/NA
Pyrene	0.15	J	0.20	0.083	ug/L	1		8270E	Total/NA
Barium	55	J	200	1.3	ug/L	1		6010D	Total Recoverable
Zinc	51		50	23	ug/L	1		6010D	Total Recoverable
Barium	53	J	200	1.3	ug/L	1		6010D	Dissolved
Cyanide, Total	0.20		0.010	0.0060	mg/L	1		9012B	Total/NA
Cyanide, Free	0.011		0.0060	0.0050	mg/L	1		OIA-1677	Total/NA

Client Sample ID: T2-750-C-SW — Lab Sample ID: 240-213853-2

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Barium	42	J	200	1.3	ug/L	1		6010D	Total Recoverable
Chromium	0.97	J	10	0.76	ug/L	1		6010D	Total Recoverable
Zinc	130		50	23	ug/L	1		6010D	Total Recoverable
Barium	37	J	200	1.3	ug/L	1		6010D	Dissolved
Chromium	0.77	J	10	0.76	ug/L	1		6010D	Dissolved
Zinc	42	J	50	23	ug/L	1		6010D	Dissolved
Cyanide, Total	0.18		0.010	0.0060	mg/L	1		9012B	Total/NA
Cyanide, Free	0.013		0.0060	0.0050	mg/L	1		OIA-1677	Total/NA

Client Sample ID: T2-1820-C-SW — Lab Sample ID: 240-213853-3

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Barium	73	J	200	1.3	ug/L	1		6010D	Total Recoverable
Chromium	3.8	J	10	0.76	ug/L	1		6010D	Total Recoverable
Barium	70	J	200	1.3	ug/L	1		6010D	Dissolved
Chromium	3.4	J	10	0.76	ug/L	1		6010D	Dissolved
Cyanide, Total	0.44		0.010	0.0060	mg/L	1		9012B	Total/NA
Cyanide, Free	0.026		0.0060	0.0050	mg/L	1		OIA-1677	Total/NA

Client Sample ID: RB-1-20241028 — Lab Sample ID: 240-213853-4

No Detections.

Client Sample ID: EB-1-20241028 — Lab Sample ID: 240-213853-5

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Cyanide, Total	0.016		0.010	0.0060	mg/L	1		9012B	Total/NA

Client Sample ID: TB-12-20241028 — Lab Sample ID: 240-213853-6

No Detections.

Client Sample ID: TB-13-20241028 — Lab Sample ID: 240-213853-7

No Detections.

This Detection Summary does not include radiochemical test results.

Eurofins Cleveland

Client: August Mack Environmental, Inc.
Project/Site: MSC Canfield N DITCH SAMPLING

Job ID: 240-213853-1

Client Sample ID: T2-0-C-SW

Date Collected: 10/28/24 09:45
Date Received: 10/28/24 15:51

Lab Sample ID: 240-213853-1

Matrix: Water

Method: SW846 8270E - Semivolatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acenaphthene	ND		0.20	0.17	ug/L		10/30/24 08:26	11/07/24 17:51	1
Acenaphthylene	ND		0.20	0.13	ug/L		10/30/24 08:26	11/07/24 17:51	1
Anthracene	ND		0.20	0.14	ug/L		10/30/24 08:26	11/07/24 17:51	1
Benzo[a]anthracene	ND		0.20	0.068	ug/L		10/30/24 08:26	11/07/24 17:51	1
Benzo[a]pyrene	ND		0.20	0.17	ug/L		10/30/24 08:26	11/07/24 17:51	1
Benzo[b]fluoranthene	**0.15**	**J**	0.20	0.15	ug/L		10/30/24 08:26	11/07/24 17:51	1
Benzo[g,h,i]perylene	ND		0.20	0.18	ug/L		10/30/24 08:26	11/07/24 17:51	1
Benzo[k]fluoranthene	ND		0.20	0.14	ug/L		10/30/24 08:26	11/07/24 17:51	1
Chrysene	ND		0.20	0.066	ug/L		10/30/24 08:26	11/07/24 17:51	1
Dibenz(a,h)anthracene	ND		0.20	0.15	ug/L		10/30/24 08:26	11/07/24 17:51	1
Fluoranthene	**0.21**		0.20	0.16	ug/L		10/30/24 08:26	11/07/24 17:51	1
Fluorene	ND		0.20	0.079	ug/L		10/30/24 08:26	11/07/24 17:51	1
Indeno[1,2,3-cd]pyrene	ND		0.20	0.14	ug/L		10/30/24 08:26	11/07/24 17:51	1
Naphthalene	**1.6**	**B**	0.20	0.11	ug/L		10/30/24 08:26	11/07/24 17:51	1
Phenanthrene	**0.16**	**J**	0.20	0.080	ug/L		10/30/24 08:26	11/07/24 17:51	1
Pyrene	**0.15**	**J**	0.20	0.083	ug/L		10/30/24 08:26	11/07/24 17:51	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2,4,6-Tribromophenol (Surr)	*86*		*23 - 127*	*10/30/24 08:26*	*11/07/24 17:51*	*1*
2-Fluorobiphenyl (Surr)	*79*		*41 - 120*	*10/30/24 08:26*	*11/07/24 17:51*	*1*
2-Fluorophenol (Surr)	*81*		*10 - 127*	*10/30/24 08:26*	*11/07/24 17:51*	*1*
Nitrobenzene-d5 (Surr)	*72*		*40 - 120*	*10/30/24 08:26*	*11/07/24 17:51*	*1*
Phenol-d5 (Surr)	*73*		*10 - 120*	*10/30/24 08:26*	*11/07/24 17:51*	*1*
Terphenyl-d14 (Surr)	*83*		*43 - 136*	*10/30/24 08:26*	*11/07/24 17:51*	*1*

Method: SW846 6010D - Metals (ICP) - Total Recoverable

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	ND		15	4.1	ug/L		10/29/24 14:00	10/31/24 03:05	1
Barium	**55**	**J**	200	1.3	ug/L		10/29/24 14:00	10/31/24 03:05	1
Cadmium	ND		5.0	0.45	ug/L		10/29/24 14:00	10/31/24 03:05	1
Chromium	ND		10	0.76	ug/L		10/29/24 14:00	10/31/24 03:05	1
Copper	ND		25	3.5	ug/L		10/29/24 14:00	10/31/24 03:05	1
Lead	ND		10	2.8	ug/L		10/29/24 14:00	10/31/24 03:05	1
Selenium	ND		20	6.0	ug/L		10/29/24 14:00	10/31/24 03:05	1
Silver	ND		10	1.4	ug/L		10/29/24 14:00	10/31/24 03:05	1
Zinc	**51**		50	23	ug/L		10/29/24 14:00	10/31/24 03:05	1

Method: SW846 6010D - Metals (ICP) - Dissolved

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	ND		15	4.1	ug/L		10/29/24 14:00	10/31/24 03:09	1
Barium	**53**	**J**	200	1.3	ug/L		10/29/24 14:00	10/31/24 03:09	1
Cadmium	ND		5.0	0.45	ug/L		10/29/24 14:00	10/31/24 03:09	1
Chromium	ND		10	0.76	ug/L		10/29/24 14:00	10/31/24 03:09	1
Copper	ND		25	3.5	ug/L		10/29/24 14:00	10/31/24 03:09	1
Lead	ND		10	2.8	ug/L		10/29/24 14:00	10/31/24 03:09	1
Selenium	ND		20	6.0	ug/L		10/29/24 14:00	10/31/24 03:09	1
Silver	ND		10	1.4	ug/L		10/29/24 14:00	10/31/24 03:09	1
Zinc	ND		50	23	ug/L		10/29/24 14:00	10/31/24 03:09	1

Client: August Mack Environmental, Inc.
Job ID: 240-213853-1
Project/Site: MSC Canfield N DITCH SAMPLING

Client Sample ID: T2-0-C-SW
Lab Sample ID: 240-213853-1
Date Collected: 10/28/24 09:45
Matrix: Water
Date Received: 10/28/24 15:51

Method: SW846 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	ND		0.20	0.13	ug/L		10/29/24 14:00	10/30/24 13:54	1

Method: SW846 7470A - Mercury (CVAA) - Dissolved

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	ND		0.20	0.13	ug/L		10/29/24 14:00	10/30/24 13:56	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chromium, hexavalent (SW846 7196A)	ND	H	0.020	0.0070	mg/L			10/29/24 10:07	1
Cyanide, Total (SW846 9012B)	**0.20**		0.010	0.0060	mg/L		11/08/24 09:15	11/08/24 14:40	1
Cyanide, Free (OI CORP OIA-1677)	**0.011**		0.0060	0.0050	mg/L			11/08/24 13:29	1

General Chemistry - Dissolved

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chromium, hexavalent (SW846 7196A)	ND	H	0.020	0.0070	mg/L			10/29/24 10:09	1

Client Sample ID: T2-750-C-SW
Lab Sample ID: 240-213853-2

Date Collected: 10/28/24 12:25
Matrix: Water

Date Received: 10/28/24 15:51

Method: SW846 8270E - Semivolatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acenaphthene	ND		0.20	0.17	ug/L		10/30/24 08:26	11/07/24 18:14	1
Acenaphthylene	ND		0.20	0.13	ug/L		10/30/24 08:26	11/07/24 18:14	1
Anthracene	ND		0.20	0.14	ug/L		10/30/24 08:26	11/07/24 18:14	1
Benzo[a]anthracene	ND		0.20	0.068	ug/L		10/30/24 08:26	11/07/24 18:14	1
Benzo[a]pyrene	ND		0.20	0.17	ug/L		10/30/24 08:26	11/07/24 18:14	1
Benzo[b]fluoranthene	ND		0.20	0.15	ug/L		10/30/24 08:26	11/07/24 18:14	1
Benzo[g,h,i]perylene	ND		0.20	0.18	ug/L		10/30/24 08:26	11/07/24 18:14	1
Benzo[k]fluoranthene	ND		0.20	0.14	ug/L		10/30/24 08:26	11/07/24 18:14	1
Chrysene	ND		0.20	0.066	ug/L		10/30/24 08:26	11/07/24 18:14	1
Dibenz(a,h)anthracene	ND		0.20	0.15	ug/L		10/30/24 08:26	11/07/24 18:14	1
Fluoranthene	ND		0.20	0.16	ug/L		10/30/24 08:26	11/07/24 18:14	1
Fluorene	ND		0.20	0.079	ug/L		10/30/24 08:26	11/07/24 18:14	1
Indeno[1,2,3-cd]pyrene	ND		0.20	0.14	ug/L		10/30/24 08:26	11/07/24 18:14	1
Naphthalene	ND		0.20	0.11	ug/L		10/30/24 08:26	11/07/24 18:14	1
Phenanthrene	ND		0.20	0.080	ug/L		10/30/24 08:26	11/07/24 18:14	1
Pyrene	ND		0.20	0.083	ug/L		10/30/24 08:26	11/07/24 18:14	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2,4,6-Tribromophenol (Surr)	*90*		*23 - 127*	*10/30/24 08:26*	*11/07/24 18:14*	*1*
2-Fluorobiphenyl (Surr)	*83*		*41 - 120*	*10/30/24 08:26*	*11/07/24 18:14*	*1*
2-Fluorophenol (Surr)	*78*		*10 - 127*	*10/30/24 08:26*	*11/07/24 18:14*	*1*
Nitrobenzene-d5 (Surr)	*84*		*40 - 120*	*10/30/24 08:26*	*11/07/24 18:14*	*1*
Phenol-d5 (Surr)	*83*		*10 - 120*	*10/30/24 08:26*	*11/07/24 18:14*	*1*
Terphenyl-d14 (Surr)	*82*		*43 - 136*	*10/30/24 08:26*	*11/07/24 18:14*	*1*

Method: SW846 6010D - Metals (ICP) - Total Recoverable

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	ND		15	4.1	ug/L		10/29/24 14:00	10/31/24 03:13	1
Barium	**42**	**J**	200	1.3	ug/L		10/29/24 14:00	10/31/24 03:13	1
Cadmium	ND		5.0	0.45	ug/L		10/29/24 14:00	10/31/24 03:13	1
Chromium	**0.97**	**J**	10	0.76	ug/L		10/29/24 14:00	10/31/24 03:13	1
Copper	ND		25	3.5	ug/L		10/29/24 14:00	10/31/24 03:13	1
Lead	ND		10	2.8	ug/L		10/29/24 14:00	10/31/24 03:13	1
Selenium	ND		20	6.0	ug/L		10/29/24 14:00	10/31/24 03:13	1
Silver	ND		10	1.4	ug/L		10/29/24 14:00	10/31/24 03:13	1
Zinc	**130**		50	23	ug/L		10/29/24 14:00	10/31/24 03:13	1

Method: SW846 6010D - Metals (ICP) - Dissolved

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	ND		15	4.1	ug/L		10/29/24 14:00	10/31/24 03:26	1
Barium	**37**	**J**	200	1.3	ug/L		10/29/24 14:00	10/31/24 03:26	1
Cadmium	ND		5.0	0.45	ug/L		10/29/24 14:00	10/31/24 03:26	1
Chromium	**0.77**	**J**	10	0.76	ug/L		10/29/24 14:00	10/31/24 03:26	1
Copper	ND		25	3.5	ug/L		10/29/24 14:00	10/31/24 03:26	1
Lead	ND		10	2.8	ug/L		10/29/24 14:00	10/31/24 03:26	1
Selenium	ND		20	6.0	ug/L		10/29/24 14:00	10/31/24 03:26	1
Silver	ND		10	1.4	ug/L		10/29/24 14:00	10/31/24 03:26	1
Zinc	**42**	**J**	50	23	ug/L		10/29/24 14:00	10/31/24 03:26	1

Client: August Mack Environmental, Inc.
Job ID: 240-213853-1
Project/Site: MSC Canfield N DITCH SAMPLING

Client Sample ID: T2-750-C-SW
Lab Sample ID: 240-213853-2
Date Collected: 10/28/24 12:25
Matrix: Water
Date Received: 10/28/24 15:51

Method: SW846 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	ND		0.20	0.13	ug/L		10/29/24 14:00	10/30/24 13:58	1

Method: SW846 7470A - Mercury (CVAA) - Dissolved

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	ND		0.20	0.13	ug/L		10/29/24 14:00	10/30/24 13:59	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chromium, hexavalent (SW846 7196A)	ND		0.020	0.0070	mg/L			10/29/24 10:08	1
Cyanide, Total (SW846 9012B)	**0.18**		0.010	0.0060	mg/L		11/08/24 09:15	11/08/24 14:45	1
Cyanide, Free (OI CORP OIA-1677)	**0.013**		0.0060	0.0050	mg/L			11/08/24 13:34	1

General Chemistry - Dissolved

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chromium, hexavalent (SW846 7196A)	ND		0.020	0.0070	mg/L			10/29/24 10:10	1

Client Sample ID: T2-1820-C-SW
Date Collected: 10/28/24 13:00
Date Received: 10/28/24 15:51

Lab Sample ID: 240-213853-3
Matrix: Water

Method: SW846 8270E - Semivolatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acenaphthene	ND		0.19	0.17	ug/L		10/30/24 08:26	11/07/24 18:37	1
Acenaphthylene	ND		0.19	0.12	ug/L		10/30/24 08:26	11/07/24 18:37	1
Anthracene	ND		0.19	0.13	ug/L		10/30/24 08:26	11/07/24 18:37	1
Benzo[a]anthracene	ND		0.19	0.065	ug/L		10/30/24 08:26	11/07/24 18:37	1
Benzo[a]pyrene	ND		0.19	0.17	ug/L		10/30/24 08:26	11/07/24 18:37	1
Benzo[b]fluoranthene	ND		0.19	0.15	ug/L		10/30/24 08:26	11/07/24 18:37	1
Benzo[g,h,i]perylene	ND		0.19	0.17	ug/L		10/30/24 08:26	11/07/24 18:37	1
Benzo[k]fluoranthene	ND		0.19	0.13	ug/L		10/30/24 08:26	11/07/24 18:37	1
Chrysene	ND		0.19	0.063	ug/L		10/30/24 08:26	11/07/24 18:37	1
Dibenz(a,h)anthracene	ND		0.19	0.15	ug/L		10/30/24 08:26	11/07/24 18:37	1
Fluoranthene	ND		0.19	0.15	ug/L		10/30/24 08:26	11/07/24 18:37	1
Fluorene	ND		0.19	0.076	ug/L		10/30/24 08:26	11/07/24 18:37	1
Indeno[1,2,3-cd]pyrene	ND		0.19	0.13	ug/L		10/30/24 08:26	11/07/24 18:37	1
Naphthalene	ND		0.19	0.10	ug/L		10/30/24 08:26	11/07/24 18:37	1
Phenanthrene	ND		0.19	0.077	ug/L		10/30/24 08:26	11/07/24 18:37	1
Pyrene	ND		0.19	0.080	ug/L		10/30/24 08:26	11/07/24 18:37	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2,4,6-Tribromophenol (Surr)	*114*		*23 - 127*	*10/30/24 08:26*	*11/07/24 18:37*	*1*
2-Fluorobiphenyl (Surr)	*83*		*41 - 120*	*10/30/24 08:26*	*11/07/24 18:37*	*1*
2-Fluorophenol (Surr)	*97*		*10 - 127*	*10/30/24 08:26*	*11/07/24 18:37*	*1*
Nitrobenzene-d5 (Surr)	*81*		*40 - 120*	*10/30/24 08:26*	*11/07/24 18:37*	*1*
Phenol-d5 (Surr)	*90*		*10 - 120*	*10/30/24 08:26*	*11/07/24 18:37*	*1*
Terphenyl-d14 (Surr)	*83*		*43 - 136*	*10/30/24 08:26*	*11/07/24 18:37*	*1*

Method: SW846 6010D - Metals (ICP) - Total Recoverable

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	ND		15	4.1	ug/L		10/29/24 14:00	10/31/24 03:30	1
Barium	**73**	**J**	200	1.3	ug/L		10/29/24 14:00	10/31/24 03:30	1
Cadmium	ND		5.0	0.45	ug/L		10/29/24 14:00	10/31/24 03:30	1
Chromium	**3.8**	**J**	10	0.76	ug/L		10/29/24 14:00	10/31/24 03:30	1
Copper	ND		25	3.5	ug/L		10/29/24 14:00	10/31/24 03:30	1
Lead	ND		10	2.8	ug/L		10/29/24 14:00	10/31/24 03:30	1
Selenium	ND		20	6.0	ug/L		10/29/24 14:00	10/31/24 03:30	1
Silver	ND		10	1.4	ug/L		10/29/24 14:00	10/31/24 03:30	1
Zinc	ND		50	23	ug/L		10/29/24 14:00	10/31/24 03:30	1

Method: SW846 6010D - Metals (ICP) - Dissolved

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	ND		15	4.1	ug/L		10/29/24 14:00	10/31/24 03:34	1
Barium	**70**	**J**	200	1.3	ug/L		10/29/24 14:00	10/31/24 03:34	1
Cadmium	ND		5.0	0.45	ug/L		10/29/24 14:00	10/31/24 03:34	1
Chromium	**3.4**	**J**	10	0.76	ug/L		10/29/24 14:00	10/31/24 03:34	1
Copper	ND		25	3.5	ug/L		10/29/24 14:00	10/31/24 03:34	1
Lead	ND		10	2.8	ug/L		10/29/24 14:00	10/31/24 03:34	1
Selenium	ND		20	6.0	ug/L		10/29/24 14:00	10/31/24 03:34	1
Silver	ND		10	1.4	ug/L		10/29/24 14:00	10/31/24 03:34	1
Zinc	ND		50	23	ug/L		10/29/24 14:00	10/31/24 03:34	1

Client: August Mack Environmental, Inc.
Job ID: 240-213853-1
Project/Site: MSC Canfield N DITCH SAMPLING

Client Sample ID: T2-1820-C-SW
Lab Sample ID: 240-213853-3
Date Collected: 10/28/24 13:00
Matrix: Water
Date Received: 10/28/24 15:51

Method: SW846 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	ND		0.20	0.13	ug/L		10/29/24 14:00	10/30/24 14:01	1

Method: SW846 7470A - Mercury (CVAA) - Dissolved

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	ND		0.20	0.13	ug/L		10/29/24 14:00	10/30/24 14:03	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chromium, hexavalent (SW846 7196A)	ND		0.020	0.0070	mg/L			10/29/24 10:09	1
Cyanide, Total (SW846 9012B)	**0.44**		0.010	0.0060	mg/L		11/08/24 09:15	11/08/24 14:46	1
Cyanide, Free (OI CORP OIA-1677)	**0.026**		0.0060	0.0050	mg/L			11/08/24 13:36	1

General Chemistry - Dissolved

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chromium, hexavalent (SW846 7196A)	ND		0.020	0.0070	mg/L			10/29/24 10:10	1

Client: August Mack Environmental, Inc.
Project/Site: MSC Canfield N DITCH SAMPLING

Job ID: 240-213853-1

Client Sample ID: RB-1-20241028

Date Collected: 10/28/24 14:10
Date Received: 10/28/24 15:51

Lab Sample ID: 240-213853-4

Matrix: Water

Method: SW846 8270E - Semivolatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acenaphthene	ND		0.20	0.17	ug/L		10/30/24 08:26	11/07/24 19:00	1
Acenaphthylene	ND		0.20	0.13	ug/L		10/30/24 08:26	11/07/24 19:00	1
Anthracene	ND		0.20	0.14	ug/L		10/30/24 08:26	11/07/24 19:00	1
Benzo[a]anthracene	ND		0.20	0.068	ug/L		10/30/24 08:26	11/07/24 19:00	1
Benzo[a]pyrene	ND		0.20	0.17	ug/L		10/30/24 08:26	11/07/24 19:00	1
Benzo[b]fluoranthene	ND		0.20	0.15	ug/L		10/30/24 08:26	11/07/24 19:00	1
Benzo[g,h,i]perylene	ND		0.20	0.18	ug/L		10/30/24 08:26	11/07/24 19:00	1
Benzo[k]fluoranthene	ND		0.20	0.14	ug/L		10/30/24 08:26	11/07/24 19:00	1
Chrysene	ND		0.20	0.066	ug/L		10/30/24 08:26	11/07/24 19:00	1
Dibenz(a,h)anthracene	ND		0.20	0.15	ug/L		10/30/24 08:26	11/07/24 19:00	1
Fluoranthene	ND		0.20	0.16	ug/L		10/30/24 08:26	11/07/24 19:00	1
Fluorene	ND		0.20	0.079	ug/L		10/30/24 08:26	11/07/24 19:00	1
Indeno[1,2,3-cd]pyrene	ND		0.20	0.14	ug/L		10/30/24 08:26	11/07/24 19:00	1
Naphthalene	ND		0.20	0.11	ug/L		10/30/24 08:26	11/07/24 19:00	1
Phenanthrene	ND		0.20	0.080	ug/L		10/30/24 08:26	11/07/24 19:00	1
Pyrene	ND		0.20	0.083	ug/L		10/30/24 08:26	11/07/24 19:00	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2,4,6-Tribromophenol (Surr)	*104*		*23 - 127*	*10/30/24 08:26*	*11/07/24 19:00*	*1*
2-Fluorobiphenyl (Surr)	*86*		*41 - 120*	*10/30/24 08:26*	*11/07/24 19:00*	*1*
2-Fluorophenol (Surr)	*103*		*10 - 127*	*10/30/24 08:26*	*11/07/24 19:00*	*1*
Nitrobenzene-d5 (Surr)	*86*		*40 - 120*	*10/30/24 08:26*	*11/07/24 19:00*	*1*
Phenol-d5 (Surr)	*83*		*10 - 120*	*10/30/24 08:26*	*11/07/24 19:00*	*1*
Terphenyl-d14 (Surr)	*84*		*43 - 136*	*10/30/24 08:26*	*11/07/24 19:00*	*1*

Method: SW846 6010D - Metals (ICP) - Total Recoverable

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	ND		15	4.1	ug/L		10/29/24 14:00	10/31/24 03:39	1
Barium	ND		200	1.3	ug/L		10/29/24 14:00	10/31/24 03:39	1
Cadmium	ND		5.0	0.45	ug/L		10/29/24 14:00	10/31/24 03:39	1
Chromium	ND		10	0.76	ug/L		10/29/24 14:00	10/31/24 03:39	1
Copper	ND		25	3.5	ug/L		10/29/24 14:00	10/31/24 03:39	1
Lead	ND		10	2.8	ug/L		10/29/24 14:00	10/31/24 03:39	1
Selenium	ND		20	6.0	ug/L		10/29/24 14:00	10/31/24 03:39	1
Silver	ND		10	1.4	ug/L		10/29/24 14:00	10/31/24 03:39	1
Zinc	ND		50	23	ug/L		10/29/24 14:00	10/31/24 03:39	1

Method: SW846 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	ND		0.20	0.13	ug/L		10/29/24 14:00	10/30/24 14:04	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chromium, hexavalent (SW846 7196A)	ND		0.020	0.0070	mg/L			10/29/24 10:12	1
Cyanide, Total (SW846 9012B)	ND		0.010	0.0060	mg/L		11/08/24 09:15	11/08/24 11:01	1
Cyanide, Free (OI CORP OIA-1677)	ND		0.0060	0.0050	mg/L			11/08/24 13:39	1

Client Sample ID: EB-1-20241028
Date Collected: 10/28/24 14:25
Date Received: 10/28/24 15:51

Lab Sample ID: 240-213853-5
Matrix: Water

Method: SW846 8270E - Semivolatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acenaphthene	ND		0.19	0.17	ug/L		10/30/24 08:26	11/04/24 19:13	1
Acenaphthylene	ND		0.19	0.12	ug/L		10/30/24 08:26	11/04/24 19:13	1
Anthracene	ND		0.19	0.13	ug/L		10/30/24 08:26	11/04/24 19:13	1
Benzo[a]anthracene	ND		0.19	0.065	ug/L		10/30/24 08:26	11/04/24 19:13	1
Benzo[a]pyrene	ND		0.19	0.17	ug/L		10/30/24 08:26	11/04/24 19:13	1
Benzo[b]fluoranthene	ND		0.19	0.15	ug/L		10/30/24 08:26	11/04/24 19:13	1
Benzo[g,h,i]perylene	ND		0.19	0.17	ug/L		10/30/24 08:26	11/04/24 19:13	1
Benzo[k]fluoranthene	ND		0.19	0.13	ug/L		10/30/24 08:26	11/04/24 19:13	1
Chrysene	ND		0.19	0.063	ug/L		10/30/24 08:26	11/04/24 19:13	1
Dibenz(a,h)anthracene	ND		0.19	0.15	ug/L		10/30/24 08:26	11/04/24 19:13	1
Fluoranthene	ND		0.19	0.15	ug/L		10/30/24 08:26	11/04/24 19:13	1
Fluorene	ND		0.19	0.076	ug/L		10/30/24 08:26	11/04/24 19:13	1
Indeno[1,2,3-cd]pyrene	ND		0.19	0.13	ug/L		10/30/24 08:26	11/04/24 19:13	1
Naphthalene	ND		0.19	0.10	ug/L		10/30/24 08:26	11/04/24 19:13	1
Phenanthrene	ND		0.19	0.077	ug/L		10/30/24 08:26	11/04/24 19:13	1
Pyrene	ND		0.19	0.080	ug/L		10/30/24 08:26	11/04/24 19:13	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2,4,6-Tribromophenol (Surr)	*96*		*23 - 127*	*10/30/24 08:26*	*11/04/24 19:13*	*1*
2-Fluorobiphenyl (Surr)	*83*		*41 - 120*	*10/30/24 08:26*	*11/04/24 19:13*	*1*
2-Fluorophenol (Surr)	*97*		*10 - 127*	*10/30/24 08:26*	*11/04/24 19:13*	*1*
Nitrobenzene-d5 (Surr)	*84*		*40 - 120*	*10/30/24 08:26*	*11/04/24 19:13*	*1*
Phenol-d5 (Surr)	*87*		*10 - 120*	*10/30/24 08:26*	*11/04/24 19:13*	*1*
Terphenyl-d14 (Surr)	*89*		*43 - 136*	*10/30/24 08:26*	*11/04/24 19:13*	*1*

Method: SW846 6010D - Metals (ICP) - Total Recoverable

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	ND		15	4.1	ug/L		10/29/24 14:00	10/31/24 03:43	1
Barium	ND		200	1.3	ug/L		10/29/24 14:00	10/31/24 03:43	1
Cadmium	ND		5.0	0.45	ug/L		10/29/24 14:00	10/31/24 03:43	1
Chromium	ND		10	0.76	ug/L		10/29/24 14:00	10/31/24 03:43	1
Copper	ND		25	3.5	ug/L		10/29/24 14:00	10/31/24 03:43	1
Lead	ND		10	2.8	ug/L		10/29/24 14:00	10/31/24 03:43	1
Selenium	ND		20	6.0	ug/L		10/29/24 14:00	10/31/24 03:43	1
Silver	ND		10	1.4	ug/L		10/29/24 14:00	10/31/24 03:43	1
Zinc	ND		50	23	ug/L		10/29/24 14:00	10/31/24 03:43	1

Method: SW846 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	ND		0.20	0.13	ug/L		10/29/24 14:00	10/30/24 14:06	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chromium, hexavalent (SW846 7196A)	ND		0.020	0.0070	mg/L			10/29/24 10:12	1
Cyanide, Total (SW846 9012B)	**0.016**		0.010	0.0060	mg/L		11/08/24 09:15	11/08/24 11:06	1
Cyanide, Free (OI CORP OIA-1677)	ND		0.0060	0.0050	mg/L			11/08/24 13:41	1

Client: August Mack Environmental, Inc.
Project/Site: MSC Canfield N DITCH SAMPLING

Job ID: 240-213853-1

Client Sample ID: TB-12-20241028
Date Collected: 10/28/24 00:00
Date Received: 10/28/24 15:51

Lab Sample ID: 240-213853-6
Matrix: Water

Method: SW846 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		1.0	0.48	ug/L			11/04/24 17:29	1
1,1,2,2-Tetrachloroethane	ND		1.0	0.60	ug/L			11/04/24 17:29	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		1.0	0.41	ug/L			11/04/24 17:29	1
1,1,2-Trichloroethane	ND		1.0	0.48	ug/L			11/04/24 17:29	1
1,1-Dichloroethane	ND		1.0	0.47	ug/L			11/04/24 17:29	1
1,1-Dichloroethene	ND		1.0	0.49	ug/L			11/04/24 17:29	1
1,2,4-Trichlorobenzene	ND		1.0	0.77	ug/L			11/04/24 17:29	1
1,2-Dibromo-3-Chloropropane	ND		2.0	0.91	ug/L			11/04/24 17:29	1
Ethylene Dibromide	ND		1.0	0.41	ug/L			11/04/24 17:29	1
1,2-Dichlorobenzene	ND		1.0	0.48	ug/L			11/04/24 17:29	1
1,2-Dichloroethane	ND		1.0	0.46	ug/L			11/04/24 17:29	1
1,2-Dichloropropane	ND		1.0	0.47	ug/L			11/04/24 17:29	1
1,3-Dichlorobenzene	ND		1.0	0.45	ug/L			11/04/24 17:29	1
1,4-Dichlorobenzene	ND		1.0	0.41	ug/L			11/04/24 17:29	1
2-Butanone (MEK)	ND		10	1.2	ug/L			11/04/24 17:29	1
2-Hexanone	ND		10	1.1	ug/L			11/04/24 17:29	1
4-Methyl-2-pentanone (MIBK)	ND		10	0.99	ug/L			11/04/24 17:29	1
Acetone	ND		10	5.4	ug/L			11/04/24 17:29	1
Benzene	ND		1.0	0.42	ug/L			11/04/24 17:29	1
Dichlorobromomethane	ND		1.0	0.38	ug/L			11/04/24 17:29	1
Bromoform	ND		1.0	0.76	ug/L			11/04/24 17:29	1
Bromomethane	ND		1.0	0.42	ug/L			11/04/24 17:29	1
Carbon disulfide	ND		1.0	0.59	ug/L			11/04/24 17:29	1
Carbon tetrachloride	ND		1.0	0.26	ug/L			11/04/24 17:29	1
Chlorobenzene	ND		1.0	0.38	ug/L			11/04/24 17:29	1
Chloroethane	ND		1.0	0.83	ug/L			11/04/24 17:29	1
Chloroform	ND		1.0	0.47	ug/L			11/04/24 17:29	1
Chloromethane	ND		1.0	0.63	ug/L			11/04/24 17:29	1
cis-1,2-Dichloroethene	ND		1.0	0.46	ug/L			11/04/24 17:29	1
cis-1,3-Dichloropropene	ND		1.0	0.61	ug/L			11/04/24 17:29	1
Cyclohexane	ND		1.0	0.48	ug/L			11/04/24 17:29	1
Chlorodibromomethane	ND		1.0	0.39	ug/L			11/04/24 17:29	1
Dichlorodifluoromethane	ND		1.0	0.35	ug/L			11/04/24 17:29	1
Ethylbenzene	ND		1.0	0.42	ug/L			11/04/24 17:29	1
Isopropylbenzene	ND		1.0	0.49	ug/L			11/04/24 17:29	1
Methyl acetate	ND		10	1.7	ug/L			11/04/24 17:29	1
Methyl tert-butyl ether	ND		1.0	0.47	ug/L			11/04/24 17:29	1
Methylcyclohexane	ND		1.0	0.33	ug/L			11/04/24 17:29	1
Methylene Chloride	ND		5.0	2.6	ug/L			11/04/24 17:29	1
Styrene	ND		1.0	0.45	ug/L			11/04/24 17:29	1
Tetrachloroethene	ND		1.0	0.44	ug/L			11/04/24 17:29	1
Toluene	ND		1.0	0.44	ug/L			11/04/24 17:29	1
trans-1,2-Dichloroethene	ND		1.0	0.51	ug/L			11/04/24 17:29	1
trans-1,3-Dichloropropene	ND		1.0	0.67	ug/L			11/04/24 17:29	1
Trichloroethene	ND		1.0	0.44	ug/L			11/04/24 17:29	1
Trichlorofluoromethane	ND		1.0	0.45	ug/L			11/04/24 17:29	1
Vinyl chloride	ND		1.0	0.45	ug/L			11/04/24 17:29	1
Xylenes, Total	ND		2.0	0.42	ug/L			11/04/24 17:29	1

Client: August Mack Environmental, Inc.
Project/Site: MSC Canfield N DITCH SAMPLING

Job ID: 240-213853-1

Client Sample ID: TB-12-20241028
Date Collected: 10/28/24 00:00
Date Received: 10/28/24 15:51

Lab Sample ID: 240-213853-6
Matrix: Water

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
Toluene-d8 (Surr)	94		78 - 122		11/04/24 17:29	1
Dibromofluoromethane (Surr)	113		73 - 120		11/04/24 17:29	1
4-Bromofluorobenzene (Surr)	79		56 - 136		11/04/24 17:29	1
1,2-Dichloroethane-d4 (Surr)	112		62 - 137		11/04/24 17:29	1

Client: August Mack Environmental, Inc.
Project/Site: MSC Canfield N DITCH SAMPLING

Job ID: 240-213853-1

Client Sample ID: TB-13-20241028
Date Collected: 10/28/24 00:00
Date Received: 10/28/24 15:51

Lab Sample ID: 240-213853-7
Matrix: Water

Method: SW846 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		1.0	0.48	ug/L			11/04/24 17:49	1
1,1,2,2-Tetrachloroethane	ND		1.0	0.60	ug/L			11/04/24 17:49	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		1.0	0.41	ug/L			11/04/24 17:49	1
1,1,2-Trichloroethane	ND		1.0	0.48	ug/L			11/04/24 17:49	1
1,1-Dichloroethane	ND		1.0	0.47	ug/L			11/04/24 17:49	1
1,1-Dichloroethene	ND		1.0	0.49	ug/L			11/04/24 17:49	1
1,2,4-Trichlorobenzene	ND		1.0	0.77	ug/L			11/04/24 17:49	1
1,2-Dibromo-3-Chloropropane	ND		2.0	0.91	ug/L			11/04/24 17:49	1
Ethylene Dibromide	ND		1.0	0.41	ug/L			11/04/24 17:49	1
1,2-Dichlorobenzene	ND		1.0	0.48	ug/L			11/04/24 17:49	1
1,2-Dichloroethane	ND		1.0	0.46	ug/L			11/04/24 17:49	1
1,2-Dichloropropane	ND		1.0	0.47	ug/L			11/04/24 17:49	1
1,3-Dichlorobenzene	ND		1.0	0.45	ug/L			11/04/24 17:49	1
1,4-Dichlorobenzene	ND		1.0	0.41	ug/L			11/04/24 17:49	1
2-Butanone (MEK)	ND		10	1.2	ug/L			11/04/24 17:49	1
2-Hexanone	ND		10	1.1	ug/L			11/04/24 17:49	1
4-Methyl-2-pentanone (MIBK)	ND		10	0.99	ug/L			11/04/24 17:49	1
Acetone	ND		10	5.4	ug/L			11/04/24 17:49	1
Benzene	ND		1.0	0.42	ug/L			11/04/24 17:49	1
Dichlorobromomethane	ND		1.0	0.38	ug/L			11/04/24 17:49	1
Bromoform	ND		1.0	0.76	ug/L			11/04/24 17:49	1
Bromomethane	ND		1.0	0.42	ug/L			11/04/24 17:49	1
Carbon disulfide	ND		1.0	0.59	ug/L			11/04/24 17:49	1
Carbon tetrachloride	ND		1.0	0.26	ug/L			11/04/24 17:49	1
Chlorobenzene	ND		1.0	0.38	ug/L			11/04/24 17:49	1
Chloroethane	ND		1.0	0.83	ug/L			11/04/24 17:49	1
Chloroform	ND		1.0	0.47	ug/L			11/04/24 17:49	1
Chloromethane	ND		1.0	0.63	ug/L			11/04/24 17:49	1
cis-1,2-Dichloroethene	ND		1.0	0.46	ug/L			11/04/24 17:49	1
cis-1,3-Dichloropropene	ND		1.0	0.61	ug/L			11/04/24 17:49	1
Cyclohexane	ND		1.0	0.48	ug/L			11/04/24 17:49	1
Chlorodibromomethane	ND		1.0	0.39	ug/L			11/04/24 17:49	1
Dichlorodifluoromethane	ND		1.0	0.35	ug/L			11/04/24 17:49	1
Ethylbenzene	ND		1.0	0.42	ug/L			11/04/24 17:49	1
Isopropylbenzene	ND		1.0	0.49	ug/L			11/04/24 17:49	1
Methyl acetate	ND		10	1.7	ug/L			11/04/24 17:49	1
Methyl tert-butyl ether	ND		1.0	0.47	ug/L			11/04/24 17:49	1
Methylcyclohexane	ND		1.0	0.33	ug/L			11/04/24 17:49	1
Methylene Chloride	ND		5.0	2.6	ug/L			11/04/24 17:49	1
Styrene	ND		1.0	0.45	ug/L			11/04/24 17:49	1
Tetrachloroethene	ND		1.0	0.44	ug/L			11/04/24 17:49	1
Toluene	ND		1.0	0.44	ug/L			11/04/24 17:49	1
trans-1,2-Dichloroethene	ND		1.0	0.51	ug/L			11/04/24 17:49	1
trans-1,3-Dichloropropene	ND		1.0	0.67	ug/L			11/04/24 17:49	1
Trichloroethene	ND		1.0	0.44	ug/L			11/04/24 17:49	1
Trichlorofluoromethane	ND		1.0	0.45	ug/L			11/04/24 17:49	1
Vinyl chloride	ND		1.0	0.45	ug/L			11/04/24 17:49	1
Xylenes, Total	ND		2.0	0.42	ug/L			11/04/24 17:49	1

Client: August Mack Environmental, Inc.
Project/Site: MSC Canfield N DITCH SAMPLING

Job ID: 240-213853-1

Client Sample ID: TB-13-20241028
Date Collected: 10/28/24 00:00
Date Received: 10/28/24 15:51

Lab Sample ID: 240-213853-7
Matrix: Water

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
Toluene-d8 (Surr)	88		78 - 122		11/04/24 17:49	1
Dibromofluoromethane (Surr)	106		73 - 120		11/04/24 17:49	1
4-Bromofluorobenzene (Surr)	72		56 - 136		11/04/24 17:49	1
1,2-Dichloroethane-d4 (Surr)	108		62 - 137		11/04/24 17:49	1

Surrogate Summary

Client: August Mack Environmental, Inc.
Project/Site: MSC Canfield N DITCH SAMPLING

Job ID: 240-213853-1

Method: 8260D - Volatile Organic Compounds by GC/MS

Matrix: Water

Prep Type: Total/NA

		Percent Surrogate Recovery (Acceptance Limits)			
		TOL	DBFM	BFB	DCA
Lab Sample ID	Client Sample ID	(78-122)	(73-120)	(56-136)	(62-137)
240-213853-6	TB-12-20241028	94	113	79	112
240-213853-7	TB-13-20241028	88	106	72	108
LCS 240-633742/4	Lab Control Sample	100	108	99	104
MB 240-633742/7	Method Blank	90	108	78	107

Surrogate Legend

TOL = Toluene-d8 (Surr)
DBFM = Dibromofluoromethane (Surr)
BFB = 4-Bromofluorobenzene (Surr)
DCA = 1,2-Dichloroethane-d4 (Surr)

Method: 8270E - Semivolatile Organic Compounds (GC/MS)

Matrix: Water

Prep Type: Total/NA

		Percent Surrogate Recovery (Acceptance Limits)					
		TBP	FBP	2FP	NBZ	PHL	TPHL
Lab Sample ID	Client Sample ID	(23-127)	(41-120)	(10-127)	(40-120)	(10-120)	(43-136)
240-213853-1	T2-0-C-SW	86	79	81	72	73	83
240-213853-2	T2-750-C-SW	90	83	78	84	83	82
240-213853-3	T2-1820-C-SW	114	83	97	81	90	83
240-213853-4	RB-1-20241028	104	86	103	86	83	84
240-213853-5	EB-1-20241028	96	83	97	84	87	89
LCS 240-633087/2-A	Lab Control Sample	99	82	109	87	65	84
MB 240-633087/1-A	Method Blank	85	78	72	79	55	87

Surrogate Legend

TBP = 2,4,6-Tribromophenol (Surr)
FBP = 2-Fluorobiphenyl (Surr)
2FP = 2-Fluorophenol (Surr)
NBZ = Nitrobenzene-d5 (Surr)
PHL = Phenol-d5 (Surr)
TPHL = Terphenyl-d14 (Surr)

Client: August Mack Environmental, Inc.
Project/Site: MSC Canfield N DITCH SAMPLING

Job ID: 240-213853-1

Method: 8260D - Volatile Organic Compounds by GC/MS

Lab Sample ID: MB 240-633742/7
Matrix: Water
Analysis Batch: 633742

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		1.0	0.48	ug/L			11/04/24 10:28	1
1,1,2,2-Tetrachloroethane	ND		1.0	0.60	ug/L			11/04/24 10:28	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		1.0	0.41	ug/L			11/04/24 10:28	1
1,1,2-Trichloroethane	ND		1.0	0.48	ug/L			11/04/24 10:28	1
1,1-Dichloroethane	ND		1.0	0.47	ug/L			11/04/24 10:28	1
1,1-Dichloroethene	ND		1.0	0.49	ug/L			11/04/24 10:28	1
1,2,4-Trichlorobenzene	ND		1.0	0.77	ug/L			11/04/24 10:28	1
1,2-Dibromo-3-Chloropropane	ND		2.0	0.91	ug/L			11/04/24 10:28	1
Ethylene Dibromide	ND		1.0	0.41	ug/L			11/04/24 10:28	1
1,2-Dichlorobenzene	ND		1.0	0.48	ug/L			11/04/24 10:28	1
1,2-Dichloroethane	ND		1.0	0.46	ug/L			11/04/24 10:28	1
1,2-Dichloropropane	ND		1.0	0.47	ug/L			11/04/24 10:28	1
1,3-Dichlorobenzene	ND		1.0	0.45	ug/L			11/04/24 10:28	1
1,4-Dichlorobenzene	ND		1.0	0.41	ug/L			11/04/24 10:28	1
2-Butanone (MEK)	ND		10	1.2	ug/L			11/04/24 10:28	1
2-Hexanone	ND		10	1.1	ug/L			11/04/24 10:28	1
4-Methyl-2-pentanone (MIBK)	ND		10	0.99	ug/L			11/04/24 10:28	1
Acetone	ND		10	5.4	ug/L			11/04/24 10:28	1
Benzene	ND		1.0	0.42	ug/L			11/04/24 10:28	1
Dichlorobromomethane	ND		1.0	0.38	ug/L			11/04/24 10:28	1
Bromoform	ND		1.0	0.76	ug/L			11/04/24 10:28	1
Bromomethane	ND		1.0	0.42	ug/L			11/04/24 10:28	1
Carbon disulfide	ND		1.0	0.59	ug/L			11/04/24 10:28	1
Carbon tetrachloride	ND		1.0	0.26	ug/L			11/04/24 10:28	1
Chlorobenzene	ND		1.0	0.38	ug/L			11/04/24 10:28	1
Chloroethane	ND		1.0	0.83	ug/L			11/04/24 10:28	1
Chloroform	ND		1.0	0.47	ug/L			11/04/24 10:28	1
Chloromethane	ND		1.0	0.63	ug/L			11/04/24 10:28	1
cis-1,2-Dichloroethene	ND		1.0	0.46	ug/L			11/04/24 10:28	1
cis-1,3-Dichloropropene	ND		1.0	0.61	ug/L			11/04/24 10:28	1
Cyclohexane	ND		1.0	0.48	ug/L			11/04/24 10:28	1
Chlorodibromomethane	ND		1.0	0.39	ug/L			11/04/24 10:28	1
Dichlorodifluoromethane	ND		1.0	0.35	ug/L			11/04/24 10:28	1
Ethylbenzene	ND		1.0	0.42	ug/L			11/04/24 10:28	1
Isopropylbenzene	ND		1.0	0.49	ug/L			11/04/24 10:28	1
Methyl acetate	ND		10	1.7	ug/L			11/04/24 10:28	1
Methyl tert-butyl ether	ND		1.0	0.47	ug/L			11/04/24 10:28	1
Methylcyclohexane	ND		1.0	0.33	ug/L			11/04/24 10:28	1
Methylene Chloride	ND		5.0	2.6	ug/L			11/04/24 10:28	1
Styrene	ND		1.0	0.45	ug/L			11/04/24 10:28	1
Tetrachloroethene	ND		1.0	0.44	ug/L			11/04/24 10:28	1
Toluene	ND		1.0	0.44	ug/L			11/04/24 10:28	1
trans-1,2-Dichloroethene	ND		1.0	0.51	ug/L			11/04/24 10:28	1
trans-1,3-Dichloropropene	ND		1.0	0.67	ug/L			11/04/24 10:28	1
Trichloroethene	ND		1.0	0.44	ug/L			11/04/24 10:28	1
Trichlorofluoromethane	ND		1.0	0.45	ug/L			11/04/24 10:28	1
Vinyl chloride	ND		1.0	0.45	ug/L			11/04/24 10:28	1
Xylenes, Total	ND		2.0	0.42	ug/L			11/04/24 10:28	1

Method: 8260D - Volatile Organic Compounds by GC/MS (Continued)

Lab Sample ID: MB 240-633742/7
Matrix: Water
Analysis Batch: 633742

Client Sample ID: Method Blank
Prep Type: Total/NA

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
Toluene-d8 (Surr)	*90*		*78 - 122*		*11/04/24 10:28*	*1*
Dibromofluoromethane (Surr)	*108*		*73 - 120*		*11/04/24 10:28*	*1*
4-Bromofluorobenzene (Surr)	*78*		*56 - 136*		*11/04/24 10:28*	*1*
1,2-Dichloroethane-d4 (Surr)	*107*		*62 - 137*		*11/04/24 10:28*	*1*

Lab Sample ID: LCS 240-633742/4
Matrix: Water
Analysis Batch: 633742

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
1,1,1-Trichloroethane	25.0	25.9		ug/L		104	64 - 131
1,1,2,2-Tetrachloroethane	25.0	21.3		ug/L		85	58 - 157
1,1,2-Trichloro-1,2,2-trifluoroethane	25.0	32.9		ug/L		131	51 - 146
1,1,2-Trichloroethane	25.0	24.0		ug/L		96	70 - 138
1,1-Dichloroethane	25.0	26.1		ug/L		104	72 - 127
1,1-Dichloroethene	25.0	27.6		ug/L		110	63 - 134
1,2,4-Trichlorobenzene	25.0	22.3		ug/L		89	44 - 147
1,2-Dibromo-3-Chloropropane	25.0	19.2		ug/L		77	53 - 135
Ethylene Dibromide	25.0	24.2		ug/L		97	71 - 134
1,2-Dichlorobenzene	25.0	24.5		ug/L		98	78 - 120
1,2-Dichloroethane	25.0	24.0		ug/L		96	66 - 128
1,2-Dichloropropane	25.0	22.4		ug/L		90	75 - 133
1,3-Dichlorobenzene	25.0	23.6		ug/L		94	80 - 120
1,4-Dichlorobenzene	25.0	23.5		ug/L		94	80 - 120
2-Butanone (MEK)	50.0	36.9		ug/L		74	54 - 156
2-Hexanone	50.0	37.0		ug/L		74	43 - 167
4-Methyl-2-pentanone (MIBK)	50.0	38.0		ug/L		76	46 - 158
Acetone	50.0	48.5		ug/L		97	50 - 149
Benzene	25.0	26.2		ug/L		105	77 - 123
Dichlorobromomethane	25.0	23.9		ug/L		96	69 - 126
Bromoform	25.0	25.1		ug/L		100	57 - 129
Bromomethane	12.5	13.4		ug/L		107	36 - 142
Carbon disulfide	25.0	29.6		ug/L		118	43 - 140
Carbon tetrachloride	25.0	27.8		ug/L		111	55 - 137
Chlorobenzene	25.0	26.5		ug/L		106	80 - 121
Chloroethane	12.5	11.4		ug/L		91	38 - 152
Chloroform	25.0	25.2		ug/L		101	74 - 122
Chloromethane	12.5	8.82		ug/L		71	47 - 143
cis-1,2-Dichloroethene	25.0	25.3		ug/L		101	77 - 123
cis-1,3-Dichloropropene	25.0	21.5		ug/L		86	64 - 130
Cyclohexane	25.0	22.6		ug/L		91	58 - 146
Chlorodibromomethane	25.0	24.2		ug/L		97	70 - 124
Dichlorodifluoromethane	12.5	6.03		ug/L		48	34 - 153
Ethylbenzene	25.0	25.1		ug/L		100	80 - 121
Isopropylbenzene	25.0	26.5		ug/L		106	74 - 128
Methyl acetate	50.0	38.0		ug/L		76	42 - 169
Methyl tert-butyl ether	25.0	26.1		ug/L		104	65 - 126
Methylcyclohexane	25.0	21.4		ug/L		86	62 - 136

Method: 8260D - Volatile Organic Compounds by GC/MS (Continued)

Lab Sample ID: LCS 240-633742/4
Matrix: Water
Analysis Batch: 633742

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Methylene Chloride	25.0	27.2		ug/L		109	71 - 125
Styrene	25.0	25.3		ug/L		101	80 - 135
Tetrachloroethene	25.0	27.8		ug/L		111	76 - 123
Toluene	25.0	23.0		ug/L		92	80 - 123
trans-1,2-Dichloroethene	25.0	27.6		ug/L		111	75 - 124
trans-1,3-Dichloropropene	25.0	22.3		ug/L		89	57 - 129
Trichloroethene	25.0	25.9		ug/L		103	70 - 122
Trichlorofluoromethane	12.5	14.1		ug/L		113	30 - 170
Vinyl chloride	12.5	9.98		ug/L		80	60 - 144
Xylenes, Total	50.0	49.9		ug/L		100	80 - 121
m-Xylene & p-Xylene	25.0	25.4		ug/L		102	80 - 120
o-Xylene	25.0	24.5		ug/L		98	80 - 123

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
Toluene-d8 (Surr)	*100*		*78 - 122*
Dibromofluoromethane (Surr)	*108*		*73 - 120*
4-Bromofluorobenzene (Surr)	*99*		*56 - 136*
1,2-Dichloroethane-d4 (Surr)	*104*		*62 - 137*

Method: 8270E - Semivolatile Organic Compounds (GC/MS)

Lab Sample ID: MB 240-633087/1-A
Matrix: Water
Analysis Batch: 633723

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 633087

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acenaphthene	ND		0.20	0.17	ug/L		10/30/24 08:26	11/04/24 13:04	1
Acenaphthylene	ND		0.20	0.13	ug/L		10/30/24 08:26	11/04/24 13:04	1
Anthracene	ND		0.20	0.14	ug/L		10/30/24 08:26	11/04/24 13:04	1
Benzo[a]anthracene	ND		0.20	0.068	ug/L		10/30/24 08:26	11/04/24 13:04	1
Benzo[a]pyrene	ND		0.20	0.17	ug/L		10/30/24 08:26	11/04/24 13:04	1
Benzo[b]fluoranthene	ND		0.20	0.15	ug/L		10/30/24 08:26	11/04/24 13:04	1
Benzo[g,h,i]perylene	ND		0.20	0.18	ug/L		10/30/24 08:26	11/04/24 13:04	1
Benzo[k]fluoranthene	ND		0.20	0.14	ug/L		10/30/24 08:26	11/04/24 13:04	1
Chrysene	ND		0.20	0.066	ug/L		10/30/24 08:26	11/04/24 13:04	1
Dibenz(a,h)anthracene	ND		0.20	0.15	ug/L		10/30/24 08:26	11/04/24 13:04	1
Fluoranthene	ND		0.20	0.16	ug/L		10/30/24 08:26	11/04/24 13:04	1
Fluorene	ND		0.20	0.079	ug/L		10/30/24 08:26	11/04/24 13:04	1
Indeno[1,2,3-cd]pyrene	ND		0.20	0.14	ug/L		10/30/24 08:26	11/04/24 13:04	1
Naphthalene	0.154	J	0.20	0.11	ug/L		10/30/24 08:26	11/04/24 13:04	1
Phenanthrene	ND		0.20	0.080	ug/L		10/30/24 08:26	11/04/24 13:04	1
Pyrene	ND		0.20	0.083	ug/L		10/30/24 08:26	11/04/24 13:04	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2,4,6-Tribromophenol (Surr)	*85*		*23 - 127*	*10/30/24 08:26*	*11/04/24 13:04*	*1*
2-Fluorobiphenyl (Surr)	*78*		*41 - 120*	*10/30/24 08:26*	*11/04/24 13:04*	*1*
2-Fluorophenol (Surr)	*72*		*10 - 127*	*10/30/24 08:26*	*11/04/24 13:04*	*1*
Nitrobenzene-d5 (Surr)	*79*		*40 - 120*	*10/30/24 08:26*	*11/04/24 13:04*	*1*

Method: 8270E - Semivolatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: MB 240-633087/1-A
Matrix: Water
Analysis Batch: 633723

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 633087

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
Phenol-d5 (Surr)	55		10 - 120	10/30/24 08:26	11/04/24 13:04	1
Terphenyl-d14 (Surr)	87		43 - 136	10/30/24 08:26	11/04/24 13:04	1

Lab Sample ID: LCS 240-633087/2-A
Matrix: Water
Analysis Batch: 633723

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 633087

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Acenaphthene	32.0	27.2		ug/L		85	50 - 120
Acenaphthylene	32.0	29.5		ug/L		92	49 - 120
Anthracene	32.0	32.5		ug/L		102	55 - 124
Benzo[a]anthracene	32.0	31.1		ug/L		97	55 - 130
Benzo[a]pyrene	32.0	34.4		ug/L		108	51 - 123
Benzo[b]fluoranthene	32.0	33.5		ug/L		105	51 - 130
Benzo[g,h,i]perylene	32.0	35.7		ug/L		112	55 - 135
Benzo[k]fluoranthene	32.0	32.8		ug/L		103	53 - 130
Chrysene	32.0	29.9		ug/L		94	52 - 126
Dibenz(a,h)anthracene	32.0	36.9		ug/L		115	57 - 132
Fluoranthene	32.0	34.5		ug/L		108	56 - 135
Fluorene	32.0	28.2		ug/L		88	52 - 124
Indeno[1,2,3-cd]pyrene	32.0	36.1		ug/L		113	55 - 134
Naphthalene	32.0	26.5		ug/L		83	46 - 120
Phenanthrene	32.0	31.0		ug/L		97	54 - 120
Pyrene	32.0	30.0		ug/L		94	53 - 135

Surrogate	LCS %Recovery	LCS Qualifier	Limits
2,4,6-Tribromophenol (Surr)	99		23 - 127
2-Fluorobiphenyl (Surr)	82		41 - 120
2-Fluorophenol (Surr)	109		10 - 127
Nitrobenzene-d5 (Surr)	87		40 - 120
Phenol-d5 (Surr)	65		10 - 120
Terphenyl-d14 (Surr)	84		43 - 136

Method: 6010D - Metals (ICP)

Lab Sample ID: MB 240-632946/1-A
Matrix: Water
Analysis Batch: 633175

Client Sample ID: Method Blank
Prep Type: Total Recoverable
Prep Batch: 632946

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	ND		15	4.1	ug/L		10/29/24 14:00	10/31/24 01:58	1
Barium	ND		200	1.3	ug/L		10/29/24 14:00	10/31/24 01:58	1
Cadmium	ND		5.0	0.45	ug/L		10/29/24 14:00	10/31/24 01:58	1
Chromium	ND		10	0.76	ug/L		10/29/24 14:00	10/31/24 01:58	1
Copper	ND		25	3.5	ug/L		10/29/24 14:00	10/31/24 01:58	1
Lead	ND		10	2.8	ug/L		10/29/24 14:00	10/31/24 01:58	1
Selenium	ND		20	6.0	ug/L		10/29/24 14:00	10/31/24 01:58	1
Silver	ND		10	1.4	ug/L		10/29/24 14:00	10/31/24 01:58	1

Method: 6010D - Metals (ICP) (Continued)

Lab Sample ID: MB 240-632946/1-A
Matrix: Water
Analysis Batch: 633175

Client Sample ID: Method Blank
Prep Type: Total Recoverable
Prep Batch: 632946

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Zinc	ND		50	23	ug/L		10/29/24 14:00	10/31/24 01:58	1

Lab Sample ID: LCS 240-632946/2-A
Matrix: Water
Analysis Batch: 633175

Client Sample ID: Lab Control Sample
Prep Type: Total Recoverable
Prep Batch: 632946

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Arsenic	2000	2050		ug/L		103	80 - 120
Barium	2000	1940		ug/L		97	80 - 120
Cadmium	1000	1010		ug/L		101	80 - 120
Chromium	1000	981		ug/L		98	80 - 120
Copper	1000	958		ug/L		96	80 - 120
Lead	1000	943		ug/L		94	80 - 120
Selenium	2000	2050		ug/L		103	80 - 120
Silver	100	96.7		ug/L		97	80 - 120
Zinc	1000	1020		ug/L		102	80 - 120

Method: 7470A - Mercury (CVAA)

Lab Sample ID: MB 240-632947/1-A
Matrix: Water
Analysis Batch: 633205

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 632947

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	ND		0.20	0.13	ug/L		10/29/24 14:00	10/30/24 13:34	1

Lab Sample ID: LCS 240-632947/2-A
Matrix: Water
Analysis Batch: 633205

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 632947

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Mercury	5.00	4.64		ug/L		93	80 - 120

Method: 7196A - Chromium, Hexavalent

Lab Sample ID: MB 240-632930/3
Matrix: Water
Analysis Batch: 632930

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chromium, hexavalent	ND		0.020	0.0070	mg/L			10/29/24 10:06	1

Lab Sample ID: LCS 240-632930/4
Matrix: Water
Analysis Batch: 632930

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Chromium, hexavalent	0.250	0.254		mg/L		102	85 - 115

Method: 7196A - Chromium, Hexavalent (Continued)

Lab Sample ID: 240-213853-1 MS
Matrix: Water
Analysis Batch: 632930

Client Sample ID: T2-0-C-SW
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Chromium, hexavalent	ND	H	0.250	0.231		mg/L		93	85 - 115

Lab Sample ID: 240-213853-1 MSD
Matrix: Water
Analysis Batch: 632930

Client Sample ID: T2-0-C-SW
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Chromium, hexavalent	ND	H	0.250	0.235		mg/L		94	85 - 115	2	20

Method: 9012B - Cyanide, Total andor Amenable

Lab Sample ID: MB 240-634515/1-A
Matrix: Water
Analysis Batch: 634625

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 634515

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cyanide, Total	ND		0.010	0.0060	mg/L		11/08/24 09:15	11/08/24 10:32	1

Lab Sample ID: LCS 240-634515/2-A
Matrix: Water
Analysis Batch: 634625

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 634515

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Cyanide, Total	0.327	0.321		mg/L		98	85 - 115

Lab Sample ID: 240-213853-1 MS
Matrix: Water
Analysis Batch: 634625

Client Sample ID: T2-0-C-SW
Prep Type: Total/NA
Prep Batch: 634515

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Cyanide, Total	0.20		0.0400	0.244	4	mg/L		121	22 - 135

Lab Sample ID: 240-213853-1 MSD
Matrix: Water
Analysis Batch: 634625

Client Sample ID: T2-0-C-SW
Prep Type: Total/NA
Prep Batch: 634515

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Cyanide, Total	0.20		0.0400	0.242	4	mg/L		117	22 - 135	1	40

Lab Sample ID: MRL 240-634625/10
Matrix: Water
Analysis Batch: 634625

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	MRL Result	MRL Qualifier	Unit	D	%Rec	%Rec Limits
Cyanide, Total	0.0100	0.0105		mg/L		105	70 - 130

Client: August Mack Environmental, Inc.
Project/Site: MSC Canfield N DITCH SAMPLING

Job ID: 240-213853-1

Method: OIA-1677 - Cyanide, Free (Flow Injection)

Lab Sample ID: MB 410-573104/17
Matrix: Water
Analysis Batch: 573104

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cyanide, Free	ND		0.0060	0.0050	mg/L			11/08/24 13:26	1

Lab Sample ID: LCS 410-573104/16
Matrix: Water
Analysis Batch: 573104

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
Cyanide, Free			0.0500	0.0455		mg/L		91	82 - 132		

Lab Sample ID: 240-213853-1 MS
Matrix: Water
Analysis Batch: 573104

Client Sample ID: T2-0-C-SW
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits		
Cyanide, Free	0.011		0.0500	0.0597		mg/L		98	82 - 130		

Lab Sample ID: 240-213853-1 MSD
Matrix: Water
Analysis Batch: 573104

Client Sample ID: T2-0-C-SW
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Cyanide, Free	0.011		0.0500	0.0557		mg/L		90	82 - 130	7	11

GC/MS VOA

Analysis Batch: 633742

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
240-213853-6	TB-12-20241028	Total/NA	Water	8260D	
240-213853-7	TB-13-20241028	Total/NA	Water	8260D	
MB 240-633742/7	Method Blank	Total/NA	Water	8260D	
LCS 240-633742/4	Lab Control Sample	Total/NA	Water	8260D	

GC/MS Semi VOA

Prep Batch: 633087

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
240-213853-1	T2-0-C-SW	Total/NA	Water	3510C LVI	
240-213853-2	T2-750-C-SW	Total/NA	Water	3510C LVI	
240-213853-3	T2-1820-C-SW	Total/NA	Water	3510C LVI	
240-213853-4	RB-1-20241028	Total/NA	Water	3510C LVI	
240-213853-5	EB-1-20241028	Total/NA	Water	3510C LVI	
MB 240-633087/1-A	Method Blank	Total/NA	Water	3510C LVI	
LCS 240-633087/2-A	Lab Control Sample	Total/NA	Water	3510C LVI	

Analysis Batch: 633723

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
240-213853-5	EB-1-20241028	Total/NA	Water	8270E	633087
MB 240-633087/1-A	Method Blank	Total/NA	Water	8270E	633087
LCS 240-633087/2-A	Lab Control Sample	Total/NA	Water	8270E	633087

Analysis Batch: 634284

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
240-213853-1	T2-0-C-SW	Total/NA	Water	8270E	633087
240-213853-2	T2-750-C-SW	Total/NA	Water	8270E	633087
240-213853-3	T2-1820-C-SW	Total/NA	Water	8270E	633087
240-213853-4	RB-1-20241028	Total/NA	Water	8270E	633087

Metals

Prep Batch: 632946

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
240-213853-1	T2-0-C-SW	Dissolved	Water	3005A	
240-213853-1	T2-0-C-SW	Total Recoverable	Water	3005A	
240-213853-2	T2-750-C-SW	Dissolved	Water	3005A	
240-213853-2	T2-750-C-SW	Total Recoverable	Water	3005A	
240-213853-3	T2-1820-C-SW	Dissolved	Water	3005A	
240-213853-3	T2-1820-C-SW	Total Recoverable	Water	3005A	
240-213853-4	RB-1-20241028	Total Recoverable	Water	3005A	
240-213853-5	EB-1-20241028	Total Recoverable	Water	3005A	
MB 240-632946/1-A	Method Blank	Total Recoverable	Water	3005A	
LCS 240-632946/2-A	Lab Control Sample	Total Recoverable	Water	3005A	

Prep Batch: 632947

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
240-213853-1	T2-0-C-SW	Dissolved	Water	7470A	
240-213853-1	T2-0-C-SW	Total/NA	Water	7470A	
240-213853-2	T2-750-C-SW	Dissolved	Water	7470A	
240-213853-2	T2-750-C-SW	Total/NA	Water	7470A	
240-213853-3	T2-1820-C-SW	Dissolved	Water	7470A	

Metals (Continued)

Prep Batch: 632947 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
240-213853-3	T2-1820-C-SW	Total/NA	Water	7470A	
240-213853-4	RB-1-20241028	Total/NA	Water	7470A	
240-213853-5	EB-1-20241028	Total/NA	Water	7470A	
MB 240-632947/1-A	Method Blank	Total/NA	Water	7470A	
LCS 240-632947/2-A	Lab Control Sample	Total/NA	Water	7470A	

Analysis Batch: 633175

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
240-213853-1	T2-0-C-SW	Dissolved	Water	6010D	632946
240-213853-1	T2-0-C-SW	Total Recoverable	Water	6010D	632946
240-213853-2	T2-750-C-SW	Dissolved	Water	6010D	632946
240-213853-2	T2-750-C-SW	Total Recoverable	Water	6010D	632946
240-213853-3	T2-1820-C-SW	Dissolved	Water	6010D	632946
240-213853-3	T2-1820-C-SW	Total Recoverable	Water	6010D	632946
240-213853-4	RB-1-20241028	Total Recoverable	Water	6010D	632946
240-213853-5	EB-1-20241028	Total Recoverable	Water	6010D	632946
MB 240-632946/1-A	Method Blank	Total Recoverable	Water	6010D	632946
LCS 240-632946/2-A	Lab Control Sample	Total Recoverable	Water	6010D	632946

Analysis Batch: 633205

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
240-213853-1	T2-0-C-SW	Dissolved	Water	7470A	632947
240-213853-1	T2-0-C-SW	Total/NA	Water	7470A	632947
240-213853-2	T2-750-C-SW	Dissolved	Water	7470A	632947
240-213853-2	T2-750-C-SW	Total/NA	Water	7470A	632947
240-213853-3	T2-1820-C-SW	Dissolved	Water	7470A	632947
240-213853-3	T2-1820-C-SW	Total/NA	Water	7470A	632947
240-213853-4	RB-1-20241028	Total/NA	Water	7470A	632947
240-213853-5	EB-1-20241028	Total/NA	Water	7470A	632947
MB 240-632947/1-A	Method Blank	Total/NA	Water	7470A	632947
LCS 240-632947/2-A	Lab Control Sample	Total/NA	Water	7470A	632947

General Chemistry

Analysis Batch: 573104

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
240-213853-1	T2-0-C-SW	Total/NA	Water	OIA-1677	
240-213853-2	T2-750-C-SW	Total/NA	Water	OIA-1677	
240-213853-3	T2-1820-C-SW	Total/NA	Water	OIA-1677	
240-213853-4	RB-1-20241028	Total/NA	Water	OIA-1677	
240-213853-5	EB-1-20241028	Total/NA	Water	OIA-1677	
MB 410-573104/17	Method Blank	Total/NA	Water	OIA-1677	
LCS 410-573104/16	Lab Control Sample	Total/NA	Water	OIA-1677	
240-213853-1 MS	T2-0-C-SW	Total/NA	Water	OIA-1677	
240-213853-1 MSD	T2-0-C-SW	Total/NA	Water	OIA-1677	

Analysis Batch: 632930

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
240-213853-1	T2-0-C-SW	Dissolved	Water	7196A	
240-213853-1	T2-0-C-SW	Total/NA	Water	7196A	
240-213853-2	T2-750-C-SW	Dissolved	Water	7196A	

General Chemistry (Continued)

Analysis Batch: 632930 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
240-213853-2	T2-750-C-SW	Total/NA	Water	7196A	
240-213853-3	T2-1820-C-SW	Dissolved	Water	7196A	
240-213853-3	T2-1820-C-SW	Total/NA	Water	7196A	
240-213853-4	RB-1-20241028	Total/NA	Water	7196A	
240-213853-5	EB-1-20241028	Total/NA	Water	7196A	
MB 240-632930/3	Method Blank	Total/NA	Water	7196A	
LCS 240-632930/4	Lab Control Sample	Total/NA	Water	7196A	
240-213853-1 MS	T2-0-C-SW	Total/NA	Water	7196A	
240-213853-1 MSD	T2-0-C-SW	Total/NA	Water	7196A	

Prep Batch: 634515

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
240-213853-1	T2-0-C-SW	Total/NA	Water	9012B	
240-213853-2	T2-750-C-SW	Total/NA	Water	9012B	
240-213853-3	T2-1820-C-SW	Total/NA	Water	9012B	
240-213853-4	RB-1-20241028	Total/NA	Water	9012B	
240-213853-5	EB-1-20241028	Total/NA	Water	9012B	
MB 240-634515/1-A	Method Blank	Total/NA	Water	9012B	
LCS 240-634515/2-A	Lab Control Sample	Total/NA	Water	9012B	
240-213853-1 MS	T2-0-C-SW	Total/NA	Water	9012B	
240-213853-1 MSD	T2-0-C-SW	Total/NA	Water	9012B	

Analysis Batch: 634625

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
240-213853-1	T2-0-C-SW	Total/NA	Water	9012B	634515
240-213853-2	T2-750-C-SW	Total/NA	Water	9012B	634515
240-213853-3	T2-1820-C-SW	Total/NA	Water	9012B	634515
240-213853-4	RB-1-20241028	Total/NA	Water	9012B	634515
240-213853-5	EB-1-20241028	Total/NA	Water	9012B	634515
MB 240-634515/1-A	Method Blank	Total/NA	Water	9012B	634515
LCS 240-634515/2-A	Lab Control Sample	Total/NA	Water	9012B	634515
MRL 240-634625/10	Lab Control Sample	Total/NA	Water	9012B	
240-213853-1 MS	T2-0-C-SW	Total/NA	Water	9012B	634515
240-213853-1 MSD	T2-0-C-SW	Total/NA	Water	9012B	634515

Lab Chronicle

Client: August Mack Environmental, Inc.
Job ID: 240-213853-1
Project/Site: MSC Canfield N DITCH SAMPLING

Client Sample ID: T2-0-C-SW
Lab Sample ID: 240-213853-1
Date Collected: 10/28/24 09:45
Matrix: Water
Date Received: 10/28/24 15:51

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	3510C LVI			633087	GBS	EET CLE	10/30/24 08:26
Total/NA	Analysis	8270E		1	634284	MRU	EET CLE	11/07/24 17:51
Dissolved	Prep	3005A			632946	BN	EET CLE	10/29/24 14:00
Dissolved	Analysis	6010D		1	633175	RKT	EET CLE	10/31/24 03:09
Total Recoverable	Prep	3005A			632946	BN	EET CLE	10/29/24 14:00
Total Recoverable	Analysis	6010D		1	633175	RKT	EET CLE	10/31/24 03:05
Dissolved	Prep	7470A			632947	BN	EET CLE	10/29/24 14:00
Dissolved	Analysis	7470A		1	633205	S4FJ	EET CLE	10/30/24 13:56
Total/NA	Prep	7470A			632947	BN	EET CLE	10/29/24 14:00
Total/NA	Analysis	7470A		1	633205	S4FJ	EET CLE	10/30/24 13:54
Dissolved	Analysis	7196A		1	632930	VH6H	EET CLE	10/29/24 10:09
Total/NA	Analysis	7196A		1	632930	VH6H	EET CLE	10/29/24 10:07
Total/NA	Prep	9012B			634515	C5SV	EET CLE	11/08/24 09:15
Total/NA	Analysis	9012B		1	634625	C5SV	EET CLE	11/08/24 14:40
Total/NA	Analysis	OIA-1677		1	573104	UJE2	ELLE	11/08/24 13:29

Client Sample ID: T2-750-C-SW
Lab Sample ID: 240-213853-2
Date Collected: 10/28/24 12:25
Matrix: Water
Date Received: 10/28/24 15:51

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	3510C LVI			633087	GBS	EET CLE	10/30/24 08:26
Total/NA	Analysis	8270E		1	634284	MRU	EET CLE	11/07/24 18:14
Dissolved	Prep	3005A			632946	BN	EET CLE	10/29/24 14:00
Dissolved	Analysis	6010D		1	633175	RKT	EET CLE	10/31/24 03:26
Total Recoverable	Prep	3005A			632946	BN	EET CLE	10/29/24 14:00
Total Recoverable	Analysis	6010D		1	633175	RKT	EET CLE	10/31/24 03:13
Dissolved	Prep	7470A			632947	BN	EET CLE	10/29/24 14:00
Dissolved	Analysis	7470A		1	633205	S4FJ	EET CLE	10/30/24 13:59
Total/NA	Prep	7470A			632947	BN	EET CLE	10/29/24 14:00
Total/NA	Analysis	7470A		1	633205	S4FJ	EET CLE	10/30/24 13:58
Dissolved	Analysis	7196A		1	632930	VH6H	EET CLE	10/29/24 10:10
Total/NA	Analysis	7196A		1	632930	VH6H	EET CLE	10/29/24 10:08
Total/NA	Prep	9012B			634515	C5SV	EET CLE	11/08/24 09:15
Total/NA	Analysis	9012B		1	634625	C5SV	EET CLE	11/08/24 14:45
Total/NA	Analysis	OIA-1677		1	573104	UJE2	ELLE	11/08/24 13:34

Client Sample ID: T2-1820-C-SW
Lab Sample ID: 240-213853-3
Date Collected: 10/28/24 13:00
Matrix: Water
Date Received: 10/28/24 15:51

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	3510C LVI			633087	GBS	EET CLE	10/30/24 08:26
Total/NA	Analysis	8270E		1	634284	MRU	EET CLE	11/07/24 18:37

Lab Chronicle

Client: August Mack Environmental, Inc.
Job ID: 240-213853-1
Project/Site: MSC Canfield N DITCH SAMPLING

Client Sample ID: T2-1820-C-SW
Lab Sample ID: 240-213853-3

Date Collected: 10/28/24 13:00
Matrix: Water
Date Received: 10/28/24 15:51

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Dissolved	Prep	3005A			632946	BN	EET CLE	10/29/24 14:00
Dissolved	Analysis	6010D		1	633175	RKT	EET CLE	10/31/24 03:34
Total Recoverable	Prep	3005A			632946	BN	EET CLE	10/29/24 14:00
Total Recoverable	Analysis	6010D		1	633175	RKT	EET CLE	10/31/24 03:30
Dissolved	Prep	7470A			632947	BN	EET CLE	10/29/24 14:00
Dissolved	Analysis	7470A		1	633205	S4FJ	EET CLE	10/30/24 14:03
Total/NA	Prep	7470A			632947	BN	EET CLE	10/29/24 14:00
Total/NA	Analysis	7470A		1	633205	S4FJ	EET CLE	10/30/24 14:01
Dissolved	Analysis	7196A		1	632930	VH6H	EET CLE	10/29/24 10:10
Total/NA	Analysis	7196A		1	632930	VH6H	EET CLE	10/29/24 10:09
Total/NA	Prep	9012B			634515	C5SV	EET CLE	11/08/24 09:15
Total/NA	Analysis	9012B		1	634625	C5SV	EET CLE	11/08/24 14:46
Total/NA	Analysis	OIA-1677		1	573104	UJE2	ELLE	11/08/24 13:36

Client Sample ID: RB-1-20241028
Lab Sample ID: 240-213853-4

Date Collected: 10/28/24 14:10
Matrix: Water
Date Received: 10/28/24 15:51

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	3510C LVI			633087	GBS	EET CLE	10/30/24 08:26
Total/NA	Analysis	8270E		1	634284	MRU	EET CLE	11/07/24 19:00
Total Recoverable	Prep	3005A			632946	BN	EET CLE	10/29/24 14:00
Total Recoverable	Analysis	6010D		1	633175	RKT	EET CLE	10/31/24 03:39
Total/NA	Prep	7470A			632947	BN	EET CLE	10/29/24 14:00
Total/NA	Analysis	7470A		1	633205	S4FJ	EET CLE	10/30/24 14:04
Total/NA	Analysis	7196A		1	632930	VH6H	EET CLE	10/29/24 10:12
Total/NA	Prep	9012B			634515	C5SV	EET CLE	11/08/24 09:15
Total/NA	Analysis	9012B		1	634625	C5SV	EET CLE	11/08/24 11:01
Total/NA	Analysis	OIA-1677		1	573104	UJE2	ELLE	11/08/24 13:39

Client Sample ID: EB-1-20241028
Lab Sample ID: 240-213853-5

Date Collected: 10/28/24 14:25
Matrix: Water
Date Received: 10/28/24 15:51

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	3510C LVI			633087	GBS	EET CLE	10/30/24 08:26
Total/NA	Analysis	8270E		1	633723	MRU	EET CLE	11/04/24 19:13
Total Recoverable	Prep	3005A			632946	BN	EET CLE	10/29/24 14:00
Total Recoverable	Analysis	6010D		1	633175	RKT	EET CLE	10/31/24 03:43
Total/NA	Prep	7470A			632947	BN	EET CLE	10/29/24 14:00
Total/NA	Analysis	7470A		1	633205	S4FJ	EET CLE	10/30/24 14:06
Total/NA	Analysis	7196A		1	632930	VH6H	EET CLE	10/29/24 10:12
Total/NA	Prep	9012B			634515	C5SV	EET CLE	11/08/24 09:15
Total/NA	Analysis	9012B		1	634625	C5SV	EET CLE	11/08/24 11:06

Lab Chronicle

Client: August Mack Environmental, Inc.
Job ID: 240-213853-1
Project/Site: MSC Canfield N DITCH SAMPLING

Client Sample ID: EB-1-20241028
Lab Sample ID: 240-213853-5
Date Collected: 10/28/24 14:25
Matrix: Water
Date Received: 10/28/24 15:51

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	OIA-1677		1	573104	UJE2	ELLE	11/08/24 13:41

Client Sample ID: TB-12-20241028
Lab Sample ID: 240-213853-6
Date Collected: 10/28/24 00:00
Matrix: Water
Date Received: 10/28/24 15:51

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260D		1	633742	LEE	EET CLE	11/04/24 17:29

Client Sample ID: TB-13-20241028
Lab Sample ID: 240-213853-7
Date Collected: 10/28/24 00:00
Matrix: Water
Date Received: 10/28/24 15:51

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260D		1	633742	LEE	EET CLE	11/04/24 17:49

Laboratory References:

EET CLE = Eurofins Cleveland, 180 S. Van Buren Avenue, Barberton, OH 44203, TEL (330)497-9396

ELLE = Eurofins Lancaster Laboratories Environment Testing, LLC, 2425 New Holland Pike, Lancaster, PA 17601, TEL (717)656-2300

Accreditation/Certification Summary

Client: August Mack Environmental, Inc. Job ID: 240-213853-1
Project/Site: MSC Canfield N DITCH SAMPLING

Laboratory: Eurofins Cleveland

All accreditations/certifications held by this laboratory are listed. Not all accreditations/certifications are applicable to this report.

Authority	Program	Identification Number	Expiration Date
California	State	2927	02-28-25
Connecticut	State	PH-0806	12-31-26
Georgia	State	4062	02-27-25
Illinois	NELAP	200004	08-31-25
Iowa	State	421	06-01-25
Kentucky (UST)	State	112225	02-27-25
Kentucky (WW)	State	KY98016	12-30-24
Minnesota	NELAP	039-999-348	12-31-24
New Hampshire	NELAP	225024	09-30-25
New Jersey	NELAP	OH001	07-03-25
New York	NELAP	10975	04-02-25
Ohio VAP	State	ORELAP 4062	02-27-25
Oregon	NELAP	4062	02-27-25
Pennsylvania	NELAP	68-00340	08-31-25
Texas	NELAP	T104704517-22-19	08-31-25
USDA	US Federal Programs	P330-18-00281	01-05-27
Virginia	NELAP	460175	09-14-25
West Virginia DEP	State	210	12-31-24

Laboratory: Eurofins Lancaster Laboratories Environment Testing, LLC

All accreditations/certifications held by this laboratory are listed. Not all accreditations/certifications are applicable to this report.

Authority	Program	Identification Number	Expiration Date
A2LA	Dept. of Defense ELAP	0001.01	11-30-26
A2LA	ISO/IEC 17025	0001.01	11-30-26
Alabama	State	43200	01-31-25
Alaska	State	PA00009	06-30-25
Alaska (UST)	State	17-027	02-28-25
Arizona	State	AZ0780	03-12-25
Arkansas DEQ	State	88-00660	08-09-25
California	State	2792	11-30-24
Colorado	State	PA00009	06-30-25
Connecticut	State	PH-0746	06-30-25
DE Haz. Subst. Cleanup Act (HSCA)	State	019-006 (PA cert)	01-31-25
Delaware (DW)	State	N/A	01-31-25
Florida	NELAP	E87997	06-30-25
Georgia (DW)	State	C048	01-31-25
Hawaii	State	N/A	01-31-25
Illinois	NELAP	200027	01-31-25
Iowa	State	361	03-01-26
Kansas	NELAP	E-10151	10-31-25
Kentucky (DW)	State	KY90088	12-31-24
Kentucky (UST)	State	0001.01	11-30-26
Kentucky (WW)	State	KY90088	12-31-24
Louisiana (All)	NELAP	02055	06-30-25
Maine	State	2019012	03-12-25
Maryland	State	100	06-30-25
Massachusetts	State	M-PA009	06-30-25
Michigan	State	9930	01-31-25
Minnesota	NELAP	042-999-487	12-31-24

Accreditation/Certification Summary

Client: August Mack Environmental, Inc. Job ID: 240-213853-1
Project/Site: MSC Canfield N DITCH SAMPLING

Laboratory: Eurofins Lancaster Laboratories Environment Testing, LLC (Continued)

All accreditations/certifications held by this laboratory are listed. Not all accreditations/certifications are applicable to this report.

Authority	Program	Identification Number	Expiration Date
Mississippi	State	023	01-31-25
Missouri	State	450	01-31-25
Montana (DW)	State	0098	01-01-25
Nebraska	State	NE-OS-32-17	01-31-25
New Hampshire	NELAP	2730	01-10-25
New Jersey	NELAP	PA011	06-30-25
New York	NELAP	10670	04-01-25
North Carolina (DW)	State	42705	07-31-25
North Carolina (WW/SW)	State	521	12-31-25
North Dakota	State	R-205	01-31-24 *
Oklahoma	NELAP	9804	08-31-24 *
Oregon	NELAP	PA200001	09-11-25
Pennsylvania	NELAP	36-00037	01-31-25
Quebec Ministry of Environment and Fight against Climate Change	PALA	507	09-16-29
Rhode Island	State	LAO00338	12-30-24
South Carolina	State	89002	01-31-25
Tennessee	State	02838	01-31-25
Texas	NELAP	T104704194-23-46	08-31-25
USDA	US Federal Programs	525-22-298-19481	10-25-25
Vermont	State	VT - 36037	10-28-25
Virginia	NELAP	460182	06-14-25
Washington	State	C457	04-11-25
West Virginia (DW)	State	9906 C	01-31-25
West Virginia DEP	State	055	07-31-25
Wyoming	State	8TMS-L	01-31-25
Wyoming (UST)	A2LA	0001.01	11-30-26

* Accreditation/Certification renewal pending - accreditation/certification considered valid.

Eurofins Cleveland
180 S. Van Buren Avenue
Barberton, OH 44203
Phone (330) 497-9396 Phone (330) 497-0772

Chain of Custody Record

eurofins | Environment Testing

Client Information	Sampler: Elisabeth Webber	Lab PM: Kalis, Nicole A	Carrier Tracking No(s):	COC No: 240-124901-43556.12
Client Contact: Kain Lager-Lowe	Phone:	E-Mail: Nicole.Kalis@et.eurofinsus.com	State of Origin: OH	Page: ~~Page 12 of 12~~ 2
Company: August Mack Environmental, Inc.	PWSID:			Job #: SY2380381
Address: 7830 North Central Drive, Suite B	Due Date Requested:			
City: Lewis Center	TAT Requested (days): Standard TAT			
State, Zip: OH, 43035	Compliance Project: Δ Yes Δ No			
Phone: 740-548-1515(Tel)	PO #:			
Email: klagerlowe@augustmack.com	WO #:			
Project Name: MSC Canfield ~~Soil/Surface Water~~ N Pitch Sampling	Project #: DO NOT DELETE - 24033889			
Site:	SSOW#:			

Analysis Requested

Preservation Codes:
N - None
A - HCL
B - NaOH
D - HNO3

Other:

Sample Identification	Sample Date	Sample Time	Sample Type (C=Comp, G=grab)	Matrix (W=water, S=solid, O=waste/oil, BT=Tissue, A=Air)	Field Filtered Sample (Yes or No)	Perform MS/MSD (Yes or No)	8260D - VOCs	8270E - SVOCs -- PAH ONLY	8082A - PCBs	9012B - Total Cyanid	1677 - Free Cyanide	6010D/7470A - Total RCRA 8, Cu & Zn	7196A - Total Hexavint Chromium	6010D/7470A - Dissolved RCRA 8, Cu & Zn Field Filtered	7196A - Dissolved Hexavalent Chromium Field Filtered	6010D, 7470A	7196A - Diss. Hexavalent Chromium - Field Filter	1677_Free - Cyanide, Free	Total Number of containers	Special Instructions/Note:
			Preservation Code:				A	N	N	B	B	D	N	D	N	D	N	B		
T2-0-C-SW	10-28-24	0945	G	Water	Y			X		X	X	X	X	X	X				8	
T2-750-C-SW	10-28-24	1225	G	Water	Y			X		X	X	X	X	X	X				8	
T2-1820-C-SW	10-28-24	1300	G	Water	Y			X		X	X	X	X	X	X				8	
~~RB-1 20241028~~	~~10-28-24~~	~~1410~~	~~G~~	~~Water~~	~~N~~			~~X~~		~~X~~	~~X~~	~~X~~	~~X~~	~~X~~	~~X~~					660 10-28-24
RB-1-20241028	10-28-24	1410	G	Water	N			X		X	X	X	X						6	
EB-1-20241028	10-28-24	1425	G	Water	N			X		X	X	X	X						6	
TB-12-20241028	—	—	—	Water	N														1	
TB-13-20241028	—	—	—	Water	N														1	
TB-14-20241028	—	—	—	Water	N														1	
				Water																
				Water																

240-213853 COC

Possible Hazard Identification
☐ Non-Hazard ☐ Flammable ☐ Skin Irritant ☐ Poison B ☐ Unknown ☐ Radiological

Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)
☐ Return To Client ☐ Disposal By Lab ☐ Archive For _____ Months

Deliverable Requested: I, II, III, IV, Other (specify)

Special Instructions/QC Requirements:

Empty Kit Relinquished by:	Date:	Time:	Method of Shipment:

Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company
Elisabeth Webber	10-28-24 1448	AME		10/28/24 1448	EUR
Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company
	10-28-24 1551	EUR	MALISSA LOAR	10-28-24 15:5	
Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company

Custody Seals Intact: Δ Yes Δ No	Custody Seal No.:	Cooler Temperature(s) °C and Other Remarks:

Eurofins – Cleveland Sample Receipt Form/Narrative **Login # :** _____
Barberton Facility

Client August Mac Site Name _____ Cooler unpacked by MALISSA LOAR

Cooler Received on 10-28-24 Opened on 10-29-24

FedEx: 1st Grd Exp UPS FAS Waypoint Client Drop Off Eurofins Courier Other _____

Receipt After-hours Drop-off Date/Time _____ Storage Location _____

Eurofins Cooler # 2 Foam Box Client Cooler Box Other _____

Packing material used: Bubble Wrap Foam Plastic Bag None Other _____

COOLANT Wet Ice Blue Ice Dry Ice Water None

1 Cooler temperature upon receipt ☒ See Multiple Cooler Form

IR GUN # 17 (CF 0.1 °C) Observed Cooler Temp _____ °C Corrected Cooler Temp. _____ °C

2	Were tamper/custody seals on the outside of the cooler(s)? If Yes Quantity _____	Yes No
	-Were the seals on the outside of the cooler(s) signed & dated?	Yes No NA
	-Were tamper/custody seals on the bottle(s) or bottle kits (LLHg/MeHg)?	Yes No
	-Were tamper/custody seals intact and uncompromised?	Yes No NA
3	Shippers' packing slip attached to the cooler(s)?	Yes No
4.	Did custody papers accompany the sample(s)?	Yes No
5	Were the custody papers relinquished & signed in the appropriate place?	Yes No
6.	Was/were the person(s) who collected the samples clearly identified on the COC?	Yes No
7	Did all bottles arrive in good condition (Unbroken)?	Yes No
8	Could all bottle labels (ID/Date/Time) be reconciled with the COC?	Yes No
9	For each sample, does the COC specify preservatives (Y/N), # of containers (Y/N), and sample type of grab/comp (Y/N)?	
10	Were correct bottle(s) used for the test(s) indicated?	Yes No
11	Sufficient quantity received to perform indicated analyses?	Yes No
12	Are these work share samples and all listed on the COC?	Yes No
	If yes, Questions 13-17 have been checked at the originating laboratory	
13	Were all preserved sample(s) at the correct pH upon receipt?	Yes No NA pH Strip Lot# HC447997
14.	Were VOAs on the COC?	Yes No
15	Were air bubbles >6 mm in any VOA vials? ● ⬅ Larger than this.	Yes No NA
16.	Was a VOA trip blank present in the cooler(s)? Trip Blank Lot # _____	Yes No
17	Was a LL Hg or Me Hg trip blank present? _____	Yes No

Tests that are not checked for pH by Receiving:
VOAs
Oil and Grease
TOC

Contacted PM _____ Date _____ by _____ via Verbal Voice Mail Other

Concerning _____

18. CHAIN OF CUSTODY & SAMPLE DISCREPANCIES ☐ additional next page | Samples processed by:

Only Received TB's 12 + 13, 14 not in Coolers

19 SAMPLE CONDITION

Sample(s) _____ were received after the recommended holding time had expired

Sample(s) _____ were received in a broken container

Sample(s) _____ were received with bubble >6 mm in diameter (Notify PM)

20. SAMPLE PRESERVATION

Sample(s) _____ were further preserved in the laboratory

Time preserved. _____ Preservative(s) added/Lot number(s) _____

VOA Sample Preservation - Date/Time VOAs Frozen. _____

Login # : _____

Eurofins - Cleveland Sample Receipt Multiple Cooler Form				
Cooler Description (Circle)	IR Gun # (Circle)	Observed Temp °C	Corrected Temp °C	Coolant (Circle)
EC Client Box Other	IR GUN #: 17	1.4	1.5	Wet Ice Blue Ice Dry Ice Water None
EC Client Box Other	IR GUN #: 17	2.1	2.2	Wet Ice Blue Ice Dry Ice Water None
EC Client Box Other	IR GUN #:			Wet Ice Blue Ice Dry Ice Water None
EC Client Box Other	IR GUN #:			Wet Ice Blue Ice Dry Ice Water None
EC Client Box Other	IR GUN #:			Wet Ice Blue Ice Dry Ice Water None
EC Client Box Other	IR GUN #:			Wet Ice Blue Ice Dry Ice Water None
EC Client Box Other	IR GUN #:			Wet Ice Blue Ice Dry Ice Water None
EC Client Box Other	IR GUN #:			Wet Ice Blue Ice Dry Ice Water None
EC Client Box Other	IR GUN #:			Wet Ice Blue Ice Dry Ice Water None
EC Client Box Other	IR GUN #:			Wet Ice Blue Ice Dry Ice Water None
EC Client Box Other	IR GUN #:			Wet Ice Blue Ice Dry Ice Water None
EC Client Box Other	IR GUN #:			Wet Ice Blue Ice Dry Ice Water None
EC Client Box Other	IR GUN #:			Wet Ice Blue Ice Dry Ice Water None
EC Client Box Other	IR GUN #:			Wet Ice Blue Ice Dry Ice Water None
EC Client Box Other	IR GUN #:			Wet Ice Blue Ice Dry Ice Water None
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EC Client Box Other	IR GUN #:			Wet Ice Blue Ice Dry Ice Water None
EC Client Box Other	IR GUN #:			Wet Ice Blue Ice Dry Ice Water None
EC Client Box Other	IR GUN #:			Wet Ice Blue Ice Dry Ice Water None
EC Client Box Other	IR GUN #:			Wet Ice Blue Ice Dry Ice Water None
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EC Client Box Other	IR GUN #:			Wet Ice Blue Ice Dry Ice Water None
EC Client Box Other	IR GUN #:			Wet Ice Blue Ice Dry Ice Water None
EC Client Box Other	IR GUN #:			Wet Ice Blue Ice Dry Ice Water None
☐ See Temperature Excursion Form				

Eurofins Cleveland
180 S. Van Buren Avenue
Barberton, OH 44203
Phone: 330-497-9396 Fax: 330-497-0772

Chain of Custody Record

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Client Information (Sub Contract Lab)	Sampler: N/A	Lab PM: Kalis, Nicole A	Carrier Tracking No(s): N/A	COC No: 240-192924.1
Client Contact: Shipping/Receiving	Phone: N/A	E-Mail: Nicole.Kalis@et.eurofinsus.com	State of Origin: Ohio	Page: Page 1 of 1
Company: Eurofins Lancaster Laboratories Environm		Accreditations Required (See note): N/A		Job #: 240-213853-1
Address: 2425 New Holland Pike, ,	Due Date Requested: 11/11/2024			Preservation Codes:
City: Lancaster	TAT Requested (days): N/A			
State, Zip: PA, 17601				
Phone: 717-656-2300(Tel)	PO #: N/A			
Email: N/A	WO #: N/A			
Project Name: MSC Canfield	Project #: 24033889			
Site: N/A	SSOW#: N/A			Other: N/A

Analysis Requested

Sample Identification - Client ID (Lab ID)	Sample Date	Sample Time	Sample Type (C=comp, G=grab)	Matrix (W=water, S=solid, O=waste/oil, BT=Tissue, A=Air)	Field Filtered Sample (Yes or No)	Perform MS/MSD (Yes or No)	1677_Free/ Cyanide, Free	Total Number of containers	Special Instructions/Note:
			Preservation Code:						
T2-0-C-SW (240-213853-1)	10/28/24	09:45 Eastern	G	Water			X	1	Use caution! Site contaminated with solvent waste
T2-750-C-SW (240-213853-2)	10/28/24	12:25 Eastern	G	Water			X	1	Use caution! Site contaminated with solvent waste
T2-1820-C-SW (240-213853-3)	10/28/24	13:00 Eastern	G	Water			X	1	Use caution! Site contaminated with solvent waste
RB-1-20241028 (240-213853-4)	10/28/24	14:10 Eastern	G	Water			X	1	Use caution! Site contaminated with solvent waste
EB-1-20241028 (240-213853-5)	10/28/24	14:25 Eastern	G	Water			X	1	Use caution! Site contaminated with solvent waste

Note: Since laboratory accreditations are subject to change, Eurofins Environment Testing North Central, LLC places the ownership of method, analyte & accreditation compliance upon our subcontract laboratories. This sample shipment is forwarded under chain-of-custody. If the laboratory does not currently maintain accreditation in the State of Origin listed above for analysis/tests/matrix being analyzed, the samples must be shipped back to the Eurofins Environment Testing North Central, LLC laboratory or other instructions will be provided. Any changes to accreditation status should be brought to Eurofins Environment Testing North Central, LLC attention immediately. If all requested accreditations are current to date, return the signed Chain of Custody attesting to said compliance to Eurofins Environment Testing North Central, LLC.

Possible Hazard Identification	*Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)*
Unconfirmed	☐ *Return To Client* ☐ *Disposal By Lab* ☐ *Archive For* _____ *Months*
Deliverable Requested: I, II, III, IV, Other (specify) Primary Deliverable Rank: 2	Special Instructions/QC Requirements:

Empty Kit Relinquished by:	Date:	Time:	Method of Shipment:

	Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company
1	Relinquished by: MALISSA LOAR	Date/Time: 10-30-2024	Company	Received by:	Date/Time:	Company
2	Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company
3	Relinquished by:	Date/Time:	Company	Received by: Debra A. Byrne	Date/Time: 10-30-24 09:50	Company ELET

Custody Seals Intact: ∆ Yes ∆ No	Custody Seal No.:	Cooler Temperature(s)°C and Other Remarks: 12: 0.7 C: 0.5

Login Sample Receipt Checklist

Client: August Mack Environmental, Inc.

Job Number: 240-213853-1

Login Number: 213853
List Number: 2
Creator: Arroyo, Haley

List Source: Eurofins Lancaster Laboratories Environment Testing, LLC
List Creation: 10/30/24 01:31 PM

Question	Answer	Comment
The cooler's custody seal is intact.	N/A	
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	True	
Cooler Temperature acceptable,where thermal pres is required(</=6C, not frozen).	True	
Cooler Temperature is recorded.	True	
WV:Container Temp acceptable,where thermal pres is required (</=6C, not frozen).	N/A	
WV: Container Temperature is recorded.	N/A	
COC is present.	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information.	True	
There are no discrepancies between the containers received and the COC.	True	
Sample containers have legible labels.	True	
Containers are not broken or leaking.	True	
Sample collection date/times are provided.	True	
Appropriate sample containers are used.	True	
Sample bottles are completely filled.	True	
There is sufficient vol. for all requested analyses.	True	
Is the Field Sampler's name present on COC?	False	Received project as a subcontract.
Sample custody seals are intact.	N/A	
VOA sample vials do not have headspace >6mm in diameter (none, if from WV)?	N/A	

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ANALYTICAL REPORT

PREPARED FOR

Attn: Kain Lager-Lowe
August Mack Environmental, Inc.
7830 North Central Drive, Suite B
Lewis Center, Ohio 43035

Generated 11/12/2024 8:44:00 PM

JOB DESCRIPTION

MSC Canfield - N. Ditch Sampling

JOB NUMBER

240-213860-1

Eurofins Cleveland
180 S. Van Buren Avenue
Barberton OH 44203

See page two for job notes and contact information.

my EOL

Job Notes

This report may not be reproduced except in full, and with written approval from the laboratory. The results relate only to the samples tested. For questions please contact the Project Manager at the e-mail address or telephone number listed on this page.

The test results in this report relate only to the samples as received by the laboratory and will meet all requirements of the methodology, with any exceptions noted. This report shall not be reproduced except in full, without the express written approval of the laboratory. All questions should be directed to the Eurofins Environment Testing North Central, LLC Project Manager.

Authorization



Generated
11/12/2024 8:44:00 PM

Authorized for release by
Nicole Kalis, Project Manager I
Nicole.Kalis@et.eurofinsus.com
(330)497-9396

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Definitions/Glossary

Client: August Mack Environmental, Inc. Job ID: 240-213860-1
Project/Site: MSC Canfield - N. Ditch Sampling

Qualifiers

GC/MS Semi VOA

Qualifier	Qualifier Description
J	Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.

Metals

Qualifier	Qualifier Description
4	MS, MSD: The analyte present in the original sample is greater than 4 times the matrix spike concentration; therefore, control limits are not applicable.
F1	MS and/or MSD recovery exceeds control limits.
J	Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.

General Chemistry

Qualifier	Qualifier Description
4	MS, MSD: The analyte present in the original sample is greater than 4 times the matrix spike concentration; therefore, control limits are not applicable.
F1	MS and/or MSD recovery exceeds control limits.
F2	MS/MSD RPD exceeds control limits
F3	Duplicate RPD exceeds the control limit

Glossary

Abbreviation	These commonly used abbreviations may or may not be present in this report.
☼	Listed under the "D" column to designate that the result is reported on a dry weight basis
%R	Percent Recovery
CFL	Contains Free Liquid
CFU	Colony Forming Unit
CNF	Contains No Free Liquid
DER	Duplicate Error Ratio (normalized absolute difference)
Dil Fac	Dilution Factor
DL	Detection Limit (DoD/DOE)
DL, RA, RE, IN	Indicates a Dilution, Re-analysis, Re-extraction, or additional Initial metals/anion analysis of the sample
DLC	Decision Level Concentration (Radiochemistry)
EDL	Estimated Detection Limit (Dioxin)
LOD	Limit of Detection (DoD/DOE)
LOQ	Limit of Quantitation (DoD/DOE)
MCL	EPA recommended "Maximum Contaminant Level"
MDA	Minimum Detectable Activity (Radiochemistry)
MDC	Minimum Detectable Concentration (Radiochemistry)
MDL	Method Detection Limit
ML	Minimum Level (Dioxin)
MPN	Most Probable Number
MQL	Method Quantitation Limit
NC	Not Calculated
ND	Not Detected at the reporting limit (or MDL or EDL if shown)
NEG	Negative / Absent
POS	Positive / Present
PQL	Practical Quantitation Limit
PRES	Presumptive
QC	Quality Control
RER	Relative Error Ratio (Radiochemistry)
RL	Reporting Limit or Requested Limit (Radiochemistry)
RPD	Relative Percent Difference, a measure of the relative difference between two points
TEF	Toxicity Equivalent Factor (Dioxin)
TEQ	Toxicity Equivalent Quotient (Dioxin)
TNTC	Too Numerous To Count

Job ID: 240-213860-1 Eurofins Cleveland

Job Narrative
240-213860-1

Analytical test results meet all requirements of the associated regulatory program listed on the Accreditation/Certification Summary Page unless otherwise noted under the individual analysis. Data qualifiers and/or narrative comments are included to explain any exceptions, if applicable.

- Matrix QC may not be reported if insufficient sample is provided or site-specific QC samples were not submitted. In these situations, to demonstrate precision and accuracy at a batch level, a LCS/LCSD may be performed, unless otherwise specified in the method.
- Surrogate and/or isotope dilution analyte recoveries (if applicable) which are outside of the QC window are confirmed unless attributed to a dilution or otherwise noted in the narrative.

Regulated compliance samples (e.g. SDWA, NPDES) must comply with the associated agency requirements/permits.

Receipt
The samples were received on 10/28/2024 3:52 PM. Unless otherwise noted below, the samples arrived in good condition, and, where required, properly preserved and on ice. The temperature of the cooler at receipt time was 2.5°C.

GC/MS VOA
Method 8260D: The continuing calibration verification (CCV) analyzed in batch 240-633742 was outside the method criteria for the following analyte(s): 1,1,2-Trichloro-1,2,2-trifluoroethane and Trichlorofluoromethane. A CCV standard at or below the reporting limit (RL) was analyzed with the affected samples and found to be acceptable. As indicated in the reference method, sample analysis may proceed; however, any detection for the affected analyte(s) is considered estimated.

No additional analytical or quality issues were noted, other than those described above or in the Definitions/ Glossary page.

GC/MS Semi VOA
No additional analytical or quality issues were noted, other than those described above or in the Definitions/ Glossary page.

Metals
No additional analytical or quality issues were noted, other than those described above or in the Definitions/ Glossary page.

General Chemistry
Method 7196A: The matrix spike soluble/matrix spike insoluble (MSS/MSI) recoveries were outside control limits due to sample matrix. The associated laboratory control sample (LCSS/LCSI) recoveries met acceptance criteria.

Method 9012B: The matrix spike / matrix spike duplicate (MS/MSD) recoveries for preparation batch 240-634135 and analytical batch 240-634230 were outside control limits. Sample matrix interference is suspected because the associated laboratory control sample (LCS) recovery was within acceptance limits.

Method 9012B: The matrix spike / matrix spike duplicate (MS/MSD) recoveries for preparation batch 240-634212 and analytical batch 240-634428 were outside control limits. Sample matrix interference is suspected because the associated laboratory control sample (LCS) recovery was within acceptance limits.

Method Moisture: The sample duplicate (DUP) precision for analytical batch 240-632964 was outside control limits. Sample non-homogeneity is suspected.

No additional analytical or quality issues were noted, other than those described above or in the Definitions/ Glossary page.

Method Summary

Client: August Mack Environmental, Inc.
Project/Site: MSC Canfield - N. Ditch Sampling

Job ID: 240-213860-1

Method	Method Description	Protocol	Laboratory
8260D	Volatile Organic Compounds by GC/MS	SW846	EET CLE
8270E	Semivolatile Organic Compounds (GC/MS)	SW846	EET CLE
6010D	Metals (ICP)	SW846	EET CLE
7471B	Mercury (CVAA)	SW846	EET CLE
7196A	Chromium, Hexavalent	SW846	ELLE
9012B	Cyanide, Total andor Amenable	SW846	EET CLE
Moisture	Percent Moisture	EPA	EET CLE
OIA-1677	Cyanide, Free (Flow Injection)	OI CORP	ELLE
3050B	Preparation, Metals	SW846	EET CLE
3060A	Alkaline Digestion (Chromium, Hexavalent)	SW846	ELLE
3546	Microwave Extraction	SW846	EET CLE
5030C	Purge and Trap	SW846	EET CLE
7471B	Preparation, Mercury	SW846	EET CLE
9012B	Cyanide, Total and/or Amenable, Distillation	SW846	EET CLE
D3987-85	ASTM Leaching Procedure	ASTM	ELLE

Protocol References:

ASTM = ASTM International

EPA = US Environmental Protection Agency

OI CORP = OI Corporation Instrument Manual.

SW846 = "Test Methods For Evaluating Solid Waste, Physical/Chemical Methods", Third Edition, November 1986 And Its Updates.

Laboratory References:

EET CLE = Eurofins Cleveland, 180 S. Van Buren Avenue, Barberton, OH 44203, TEL (330)497-9396

ELLE = Eurofins Lancaster Laboratories Environment Testing, LLC, 2425 New Holland Pike, Lancaster, PA 17601, TEL (717)656-2300

Sample Summary

Client: August Mack Environmental, Inc.
Job ID: 240-213860-1
Project/Site: MSC Canfield - N. Ditch Sampling

Lab Sample ID	Client Sample ID	Matrix	Collected	Received
240-213860-1	T2-100-S-2.0	Solid	10/28/24 09:05	10/28/24 15:52
240-213860-2	T2-0-N-0.0	Solid	10/28/24 10:05	10/28/24 15:52
240-213860-3	T2-0-S-0.0	Solid	10/28/24 10:40	10/28/24 15:52
240-213860-4	DUP-7-20241028	Solid	10/28/24 00:00	10/28/24 15:52
240-213860-5	T2-0-N-2.0	Solid	10/28/24 11:15	10/28/24 15:52
240-213860-6	T2-0-S-2.0	Solid	10/28/24 11:55	10/28/24 15:52
240-213860-7	TB-14-20241028	Water	10/28/24 00:00	10/28/24 15:52

Detection Summary

Client: August Mack Environmental, Inc.
Project/Site: MSC Canfield - N. Ditch Sampling

Job ID: 240-213860-1

Client Sample ID: T2-100-S-2.0 — Lab Sample ID: 240-213860-1

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Arsenic	14		1.7	0.36	mg/Kg	1	☼	6010D	Total/NA
Barium	56		23	0.14	mg/Kg	1	☼	6010D	Total/NA
Cadmium	0.13	J	0.57	0.054	mg/Kg	1	☼	6010D	Total/NA
Chromium	12		1.1	0.39	mg/Kg	1	☼	6010D	Total/NA
Copper	14		2.8	0.79	mg/Kg	1	☼	6010D	Total/NA
Lead	11		1.1	0.32	mg/Kg	1	☼	6010D	Total/NA
Zinc	55		5.7	4.1	mg/Kg	1	☼	6010D	Total/NA
Mercury	0.023	J	0.11	0.019	mg/Kg	1	☼	7471B	Total/NA
Cyanide, Total	0.66		0.56	0.44	mg/Kg	1	☼	9012B	Total/NA

Client Sample ID: T2-0-N-0.0 — Lab Sample ID: 240-213860-2

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Benzo[a]anthracene	100		58	22	ug/Kg	1	☼	8270E	Total/NA
Benzo[a]pyrene	130		58	20	ug/Kg	1	☼	8270E	Total/NA
Benzo[b]fluoranthene	210		58	17	ug/Kg	1	☼	8270E	Total/NA
Benzo[g,h,i]perylene	150		58	39	ug/Kg	1	☼	8270E	Total/NA
Benzo[k]fluoranthene	93		58	15	ug/Kg	1	☼	8270E	Total/NA
Chrysene	150		58	20	ug/Kg	1	☼	8270E	Total/NA
Dibenz(a,h)anthracene	33	J	58	22	ug/Kg	1	☼	8270E	Total/NA
Fluoranthene	230		58	20	ug/Kg	1	☼	8270E	Total/NA
Indeno[1,2,3-cd]pyrene	95		58	17	ug/Kg	1	☼	8270E	Total/NA
Phenanthrene	81		58	19	ug/Kg	1	☼	8270E	Total/NA
Pyrene	200		58	23	ug/Kg	1	☼	8270E	Total/NA
Arsenic	17		1.9	0.40	mg/Kg	1	☼	6010D	Total/NA
Barium	70		25	0.16	mg/Kg	1	☼	6010D	Total/NA
Cadmium	0.21	J	0.63	0.060	mg/Kg	1	☼	6010D	Total/NA
Chromium	13		1.3	0.43	mg/Kg	1	☼	6010D	Total/NA
Copper	4.8	F1	3.1	0.88	mg/Kg	1	☼	6010D	Total/NA
Lead	18		1.3	0.35	mg/Kg	1	☼	6010D	Total/NA
Selenium	1.1	J	2.5	0.59	mg/Kg	1	☼	6010D	Total/NA
Zinc	2100		6.3	4.5	mg/Kg	1	☼	6010D	Total/NA
Mercury	0.025	J	0.14	0.025	mg/Kg	1	☼	7471B	Total/NA
Cyanide, Total	230		19	15	mg/Kg	25	☼	9012B	Total/NA
Cyanide, Free	0.036		0.0060	0.0050	mg/L	1		OIA-1677	ASTM Leach

Client Sample ID: T2-0-S-0.0 — Lab Sample ID: 240-213860-3

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Arsenic	18		1.8	0.37	mg/Kg	1	☼	6010D	Total/NA
Barium	93		23	0.15	mg/Kg	1	☼	6010D	Total/NA
Cadmium	0.16	J	0.59	0.056	mg/Kg	1	☼	6010D	Total/NA
Chromium	13		1.2	0.40	mg/Kg	1	☼	6010D	Total/NA
Copper	19		2.9	0.82	mg/Kg	1	☼	6010D	Total/NA
Lead	14		1.2	0.33	mg/Kg	1	☼	6010D	Total/NA
Selenium	0.98	J	2.3	0.55	mg/Kg	1	☼	6010D	Total/NA
Zinc	100		5.9	4.3	mg/Kg	1	☼	6010D	Total/NA
Cyanide, Total	7.2		0.56	0.45	mg/Kg	1	☼	9012B	Total/NA

This Detection Summary does not include radiochemical test results.

Detection Summary

Client: August Mack Environmental, Inc.
Project/Site: MSC Canfield - N. Ditch Sampling

Job ID: 240-213860-1

Client Sample ID: DUP-7-20241028 — Lab Sample ID: 240-213860-4

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Benzo[a]anthracene	19	J	49	18	ug/Kg	1	☼	8270E	Total/NA
Benzo[a]pyrene	20	J	49	17	ug/Kg	1	☼	8270E	Total/NA
Benzo[b]fluoranthene	38	J	49	15	ug/Kg	1	☼	8270E	Total/NA
Benzo[k]fluoranthene	13	J	49	12	ug/Kg	1	☼	8270E	Total/NA
Chrysene	28	J	49	17	ug/Kg	1	☼	8270E	Total/NA
Fluoranthene	42	J	49	17	ug/Kg	1	☼	8270E	Total/NA
Indeno[1,2,3-cd]pyrene	15	J	49	15	ug/Kg	1	☼	8270E	Total/NA
Pyrene	33	J	49	20	ug/Kg	1	☼	8270E	Total/NA
Arsenic	23		1.6	0.34	mg/Kg	1	☼	6010D	Total/NA
Barium	75		21	0.14	mg/Kg	1	☼	6010D	Total/NA
Cadmium	0.13	J	0.54	0.052	mg/Kg	1	☼	6010D	Total/NA
Chromium	13		1.1	0.37	mg/Kg	1	☼	6010D	Total/NA
Copper	16		2.7	0.75	mg/Kg	1	☼	6010D	Total/NA
Lead	12		1.1	0.30	mg/Kg	1	☼	6010D	Total/NA
Zinc	180		5.4	3.9	mg/Kg	1	☼	6010D	Total/NA
Cr (VI)	1.8		0.52	0.17	mg/Kg	1	☼	7196A	Total/NA
Cyanide, Total	49		3.3	2.6	mg/Kg	5	☼	9012B	Total/NA

Client Sample ID: T2-0-N-2.0 — Lab Sample ID: 240-213860-5

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Arsenic	11		1.3	0.27	mg/Kg	1	☼	6010D	Total/NA
Barium	52		17	0.11	mg/Kg	1	☼	6010D	Total/NA
Cadmium	0.10	J	0.43	0.042	mg/Kg	1	☼	6010D	Total/NA
Chromium	16		0.87	0.30	mg/Kg	1	☼	6010D	Total/NA
Copper	19		2.2	0.61	mg/Kg	1	☼	6010D	Total/NA
Lead	11		0.87	0.24	mg/Kg	1	☼	6010D	Total/NA
Zinc	68		4.3	3.1	mg/Kg	1	☼	6010D	Total/NA
Cr (VI)	0.94		0.53	0.18	mg/Kg	1	☼	7196A	Total/NA
Cyanide, Total	1.1	F1 F2	0.67	0.53	mg/Kg	1	☼	9012B	Total/NA

Client Sample ID: T2-0-S-2.0 — Lab Sample ID: 240-213860-6

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Arsenic	28		1.3	0.28	mg/Kg	1	☼	6010D	Total/NA
Barium	64		18	0.11	mg/Kg	1	☼	6010D	Total/NA
Cadmium	0.099	J	0.44	0.042	mg/Kg	1	☼	6010D	Total/NA
Chromium	15		0.88	0.30	mg/Kg	1	☼	6010D	Total/NA
Copper	19		2.2	0.61	mg/Kg	1	☼	6010D	Total/NA
Lead	14		0.88	0.25	mg/Kg	1	☼	6010D	Total/NA
Zinc	65		4.4	3.2	mg/Kg	1	☼	6010D	Total/NA
Cyanide, Total	1.6		0.62	0.49	mg/Kg	1	☼	9012B	Total/NA

Client Sample ID: TB-14-20241028 — Lab Sample ID: 240-213860-7

No Detections.

This Detection Summary does not include radiochemical test results.

Client Sample ID: T2-100-S-2.0
Date Collected: 10/28/24 09:05
Date Received: 10/28/24 15:52

Lab Sample ID: 240-213860-1
Matrix: Solid
Percent Solids: 79.7

Method: SW846 8270E - Semivolatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acenaphthene	ND		52	18	ug/Kg	☼	10/31/24 09:32	11/01/24 14:48	1
Acenaphthylene	ND		52	19	ug/Kg	☼	10/31/24 09:32	11/01/24 14:48	1
Anthracene	ND		52	15	ug/Kg	☼	10/31/24 09:32	11/01/24 14:48	1
Benzo[a]anthracene	ND		52	19	ug/Kg	☼	10/31/24 09:32	11/01/24 14:48	1
Benzo[a]pyrene	ND		52	18	ug/Kg	☼	10/31/24 09:32	11/01/24 14:48	1
Benzo[b]fluoranthene	ND		52	15	ug/Kg	☼	10/31/24 09:32	11/01/24 14:48	1
Benzo[g,h,i]perylene	ND		52	35	ug/Kg	☼	10/31/24 09:32	11/01/24 14:48	1
Benzo[k]fluoranthene	ND		52	13	ug/Kg	☼	10/31/24 09:32	11/01/24 14:48	1
Chrysene	ND		52	18	ug/Kg	☼	10/31/24 09:32	11/01/24 14:48	1
Dibenz(a,h)anthracene	ND		52	19	ug/Kg	☼	10/31/24 09:32	11/01/24 14:48	1
Fluoranthene	ND		52	18	ug/Kg	☼	10/31/24 09:32	11/01/24 14:48	1
Fluorene	ND		52	18	ug/Kg	☼	10/31/24 09:32	11/01/24 14:48	1
Indeno[1,2,3-cd]pyrene	ND		52	15	ug/Kg	☼	10/31/24 09:32	11/01/24 14:48	1
Naphthalene	ND		52	17	ug/Kg	☼	10/31/24 09:32	11/01/24 14:48	1
Phenanthrene	ND		52	17	ug/Kg	☼	10/31/24 09:32	11/01/24 14:48	1
Pyrene	ND		52	21	ug/Kg	☼	10/31/24 09:32	11/01/24 14:48	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2,4,6-Tribromophenol (Surr)	*35*		*10 - 120*	*10/31/24 09:32*	*11/01/24 14:48*	*1*
2-Fluorobiphenyl (Surr)	*71*		*36 - 120*	*10/31/24 09:32*	*11/01/24 14:48*	*1*
2-Fluorophenol (Surr)	*78*		*26 - 120*	*10/31/24 09:32*	*11/01/24 14:48*	*1*
Nitrobenzene-d5 (Surr)	*64*		*28 - 120*	*10/31/24 09:32*	*11/01/24 14:48*	*1*
Phenol-d5 (Surr)	*77*		*29 - 120*	*10/31/24 09:32*	*11/01/24 14:48*	*1*
Terphenyl-d14 (Surr)	*70*		*37 - 120*	*10/31/24 09:32*	*11/01/24 14:48*	*1*

Method: SW846 6010D - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	**14**		1.7	0.36	mg/Kg	☼	10/30/24 15:00	11/01/24 02:06	1
Barium	**56**		23	0.14	mg/Kg	☼	10/30/24 15:00	11/01/24 02:06	1
Cadmium	**0.13**	**J**	0.57	0.054	mg/Kg	☼	10/30/24 15:00	11/01/24 02:06	1
Chromium	**12**		1.1	0.39	mg/Kg	☼	10/30/24 15:00	11/01/24 02:06	1
Copper	**14**		2.8	0.79	mg/Kg	☼	10/30/24 15:00	11/01/24 02:06	1
Lead	**11**		1.1	0.32	mg/Kg	☼	10/30/24 15:00	11/01/24 02:06	1
Selenium	ND		2.3	0.53	mg/Kg	☼	10/30/24 15:00	11/01/24 02:06	1
Silver	ND		1.1	0.092	mg/Kg	☼	10/30/24 15:00	11/01/24 02:06	1
Zinc	**55**		5.7	4.1	mg/Kg	☼	10/30/24 15:00	11/01/24 02:06	1

Method: SW846 7471B - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	**0.023**	**J**	0.11	0.019	mg/Kg	☼	10/30/24 15:00	10/31/24 08:57	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cr (VI) (SW846 7196A)	ND		0.52	0.17	mg/Kg	☼	11/08/24 09:24	11/10/24 06:14	1
Cyanide, Total (SW846 9012B)	**0.66**		0.56	0.44	mg/Kg	☼	11/06/24 09:13	11/06/24 12:35	1

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Solids (EPA Moisture)	**79.7**		0.1	0.1	%			10/29/24 14:34	1
Percent Moisture (EPA Moisture)	**20.3**		0.1	0.1	%			10/29/24 14:34	1

Client: August Mack Environmental, Inc.
Job ID: 240-213860-1
Project/Site: MSC Canfield - N. Ditch Sampling

Client Sample ID: T2-100-S-2.0
Lab Sample ID: 240-213860-1
Date Collected: 10/28/24 09:05
Matrix: Solid
Date Received: 10/28/24 15:52
Percent Solids: 79.7

General Chemistry - ASTM Leach

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cyanide, Free (OI CORP OIA-1677)	ND		0.0060	0.0050	mg/L			11/12/24 14:05	1

Client Sample ID: T2-0-N-0.0
Lab Sample ID: 240-213860-2
Date Collected: 10/28/24 10:05
Matrix: Solid
Date Received: 10/28/24 15:52
Percent Solids: 69.3

Method: SW846 8270E - Semivolatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acenaphthene	ND		58	20	ug/Kg	☼	10/31/24 09:32	11/01/24 17:38	1
Acenaphthylene	ND		58	22	ug/Kg	☼	10/31/24 09:32	11/01/24 17:38	1
Anthracene	ND		58	17	ug/Kg	☼	10/31/24 09:32	11/01/24 17:38	1
Benzo[a]anthracene	**100**		58	22	ug/Kg	☼	10/31/24 09:32	11/01/24 17:38	1
Benzo[a]pyrene	**130**		58	20	ug/Kg	☼	10/31/24 09:32	11/01/24 17:38	1
Benzo[b]fluoranthene	**210**		58	17	ug/Kg	☼	10/31/24 09:32	11/01/24 17:38	1
Benzo[g,h,i]perylene	**150**		58	39	ug/Kg	☼	10/31/24 09:32	11/01/24 17:38	1
Benzo[k]fluoranthene	**93**		58	15	ug/Kg	☼	10/31/24 09:32	11/01/24 17:38	1
Chrysene	**150**		58	20	ug/Kg	☼	10/31/24 09:32	11/01/24 17:38	1
Dibenz(a,h)anthracene	**33**	**J**	58	22	ug/Kg	☼	10/31/24 09:32	11/01/24 17:38	1
Fluoranthene	**230**		58	20	ug/Kg	☼	10/31/24 09:32	11/01/24 17:38	1
Fluorene	ND		58	20	ug/Kg	☼	10/31/24 09:32	11/01/24 17:38	1
Indeno[1,2,3-cd]pyrene	**95**		58	17	ug/Kg	☼	10/31/24 09:32	11/01/24 17:38	1
Naphthalene	ND		58	19	ug/Kg	☼	10/31/24 09:32	11/01/24 17:38	1
Phenanthrene	**81**		58	19	ug/Kg	☼	10/31/24 09:32	11/01/24 17:38	1
Pyrene	**200**		58	23	ug/Kg	☼	10/31/24 09:32	11/01/24 17:38	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2,4,6-Tribromophenol (Surr)	*55*		*10 - 120*	*10/31/24 09:32*	*11/01/24 17:38*	*1*
2-Fluorobiphenyl (Surr)	*75*		*36 - 120*	*10/31/24 09:32*	*11/01/24 17:38*	*1*
2-Fluorophenol (Surr)	*74*		*26 - 120*	*10/31/24 09:32*	*11/01/24 17:38*	*1*
Nitrobenzene-d5 (Surr)	*67*		*28 - 120*	*10/31/24 09:32*	*11/01/24 17:38*	*1*
Phenol-d5 (Surr)	*77*		*29 - 120*	*10/31/24 09:32*	*11/01/24 17:38*	*1*
Terphenyl-d14 (Surr)	*77*		*37 - 120*	*10/31/24 09:32*	*11/01/24 17:38*	*1*

Method: SW846 6010D - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	**17**		1.9	0.40	mg/Kg	☼	10/30/24 15:00	11/01/24 01:36	1
Barium	**70**		25	0.16	mg/Kg	☼	10/30/24 15:00	11/01/24 01:36	1
Cadmium	**0.21**	**J**	0.63	0.060	mg/Kg	☼	10/30/24 15:00	11/01/24 01:36	1
Chromium	**13**		1.3	0.43	mg/Kg	☼	10/30/24 15:00	11/01/24 01:36	1
Copper	**4.8**	**F1**	3.1	0.88	mg/Kg	☼	10/30/24 15:00	11/01/24 01:36	1
Lead	**18**		1.3	0.35	mg/Kg	☼	10/30/24 15:00	11/01/24 01:36	1
Selenium	**1.1**	**J**	2.5	0.59	mg/Kg	☼	10/30/24 15:00	11/01/24 01:36	1
Silver	ND		1.3	0.10	mg/Kg	☼	10/30/24 15:00	11/01/24 01:36	1
Zinc	**2100**		6.3	4.5	mg/Kg	☼	10/30/24 15:00	11/01/24 01:36	1

Method: SW846 7471B - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	**0.025**	**J**	0.14	0.025	mg/Kg	☼	10/30/24 15:00	10/31/24 08:52	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cr (VI) (SW846 7196A)	ND	F1	0.61	0.20	mg/Kg	☼	11/08/24 09:24	11/10/24 06:14	1
Cyanide, Total (SW846 9012B)	**230**		19	15	mg/Kg	☼	11/06/24 09:13	11/06/24 12:12	25

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Solids (EPA Moisture)	**69.3**		0.1	0.1	%			10/29/24 14:43	1
Percent Moisture (EPA Moisture)	**30.7**		0.1	0.1	%			10/29/24 14:43	1

Client: August Mack Environmental, Inc.
Job ID: 240-213860-1
Project/Site: MSC Canfield - N. Ditch Sampling

Client Sample ID: T2-0-N-0.0
Lab Sample ID: 240-213860-2
Date Collected: 10/28/24 10:05
Matrix: Solid
Date Received: 10/28/24 15:52
Percent Solids: 69.3

General Chemistry - ASTM Leach

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cyanide, Free (OI CORP OIA-1677)	0.036		0.0060	0.0050	mg/L			11/12/24 20:02	1

Client: August Mack Environmental, Inc.
Project/Site: MSC Canfield - N. Ditch Sampling

Job ID: 240-213860-1

Client Sample ID: T2-0-S-0.0
Date Collected: 10/28/24 10:40
Date Received: 10/28/24 15:52

Lab Sample ID: 240-213860-3
Matrix: Solid
Percent Solids: 79.6

Method: SW846 8270E - Semivolatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acenaphthene	ND		49	17	ug/Kg	☼	10/31/24 09:32	11/01/24 16:50	1
Acenaphthylene	ND		49	18	ug/Kg	☼	10/31/24 09:32	11/01/24 16:50	1
Anthracene	ND		49	15	ug/Kg	☼	10/31/24 09:32	11/01/24 16:50	1
Benzo[a]anthracene	ND		49	18	ug/Kg	☼	10/31/24 09:32	11/01/24 16:50	1
Benzo[a]pyrene	ND		49	17	ug/Kg	☼	10/31/24 09:32	11/01/24 16:50	1
Benzo[b]fluoranthene	ND		49	15	ug/Kg	☼	10/31/24 09:32	11/01/24 16:50	1
Benzo[g,h,i]perylene	ND		49	33	ug/Kg	☼	10/31/24 09:32	11/01/24 16:50	1
Benzo[k]fluoranthene	ND		49	12	ug/Kg	☼	10/31/24 09:32	11/01/24 16:50	1
Chrysene	ND		49	17	ug/Kg	☼	10/31/24 09:32	11/01/24 16:50	1
Dibenz(a,h)anthracene	ND		49	18	ug/Kg	☼	10/31/24 09:32	11/01/24 16:50	1
Fluoranthene	ND		49	17	ug/Kg	☼	10/31/24 09:32	11/01/24 16:50	1
Fluorene	ND		49	17	ug/Kg	☼	10/31/24 09:32	11/01/24 16:50	1
Indeno[1,2,3-cd]pyrene	ND		49	15	ug/Kg	☼	10/31/24 09:32	11/01/24 16:50	1
Naphthalene	ND		49	16	ug/Kg	☼	10/31/24 09:32	11/01/24 16:50	1
Phenanthrene	ND		49	16	ug/Kg	☼	10/31/24 09:32	11/01/24 16:50	1
Pyrene	ND		49	20	ug/Kg	☼	10/31/24 09:32	11/01/24 16:50	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2,4,6-Tribromophenol (Surr)	*42*		*10 - 120*	*10/31/24 09:32*	*11/01/24 16:50*	*1*
2-Fluorobiphenyl (Surr)	*80*		*36 - 120*	*10/31/24 09:32*	*11/01/24 16:50*	*1*
2-Fluorophenol (Surr)	*85*		*26 - 120*	*10/31/24 09:32*	*11/01/24 16:50*	*1*
Nitrobenzene-d5 (Surr)	*74*		*28 - 120*	*10/31/24 09:32*	*11/01/24 16:50*	*1*
Phenol-d5 (Surr)	*83*		*29 - 120*	*10/31/24 09:32*	*11/01/24 16:50*	*1*
Terphenyl-d14 (Surr)	*82*		*37 - 120*	*10/31/24 09:32*	*11/01/24 16:50*	*1*

Method: SW846 6010D - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	**18**		1.8	0.37	mg/Kg	☼	10/30/24 15:00	11/01/24 02:10	1
Barium	**93**		23	0.15	mg/Kg	☼	10/30/24 15:00	11/01/24 02:10	1
Cadmium	**0.16**	**J**	0.59	0.056	mg/Kg	☼	10/30/24 15:00	11/01/24 02:10	1
Chromium	**13**		1.2	0.40	mg/Kg	☼	10/30/24 15:00	11/01/24 02:10	1
Copper	**19**		2.9	0.82	mg/Kg	☼	10/30/24 15:00	11/01/24 02:10	1
Lead	**14**		1.2	0.33	mg/Kg	☼	10/30/24 15:00	11/01/24 02:10	1
Selenium	**0.98**	**J**	2.3	0.55	mg/Kg	☼	10/30/24 15:00	11/01/24 02:10	1
Silver	ND		1.2	0.095	mg/Kg	☼	10/30/24 15:00	11/01/24 02:10	1
Zinc	**100**		5.9	4.3	mg/Kg	☼	10/30/24 15:00	11/01/24 02:10	1

Method: SW846 7471B - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	ND		0.14	0.025	mg/Kg	☼	10/30/24 15:00	10/31/24 08:59	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cr (VI) (SW846 7196A)	ND		0.52	0.17	mg/Kg	☼	11/08/24 09:24	11/10/24 06:14	1
Cyanide, Total (SW846 9012B)	**7.2**		0.56	0.45	mg/Kg	☼	11/06/24 09:13	11/06/24 13:04	1

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Solids (EPA Moisture)	**79.6**		0.1	0.1	%			10/29/24 14:36	1
Percent Moisture (EPA Moisture)	**20.4**		0.1	0.1	%			10/29/24 14:36	1

Client: August Mack Environmental, Inc.
Job ID: 240-213860-1
Project/Site: MSC Canfield - N. Ditch Sampling

Client Sample ID: T2-0-S-0.0
Lab Sample ID: 240-213860-3
Date Collected: 10/28/24 10:40
Matrix: Solid
Date Received: 10/28/24 15:52
Percent Solids: 79.6

General Chemistry - ASTM Leach

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cyanide, Free (OI CORP OIA-1677)	ND		0.0060	0.0050	mg/L			11/12/24 14:03	1

Client Sample ID: DUP-7-20241028
Lab Sample ID: 240-213860-4
Date Collected: 10/28/24 00:00
Matrix: Solid
Date Received: 10/28/24 15:52
Percent Solids: 79.5

Method: SW846 8270E - Semivolatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acenaphthene	ND		49	17	ug/Kg	☼	10/31/24 09:32	11/01/24 17:14	1
Acenaphthylene	ND		49	18	ug/Kg	☼	10/31/24 09:32	11/01/24 17:14	1
Anthracene	ND		49	15	ug/Kg	☼	10/31/24 09:32	11/01/24 17:14	1
Benzo[a]anthracene	**19**	**J**	49	18	ug/Kg	☼	10/31/24 09:32	11/01/24 17:14	1
Benzo[a]pyrene	**20**	**J**	49	17	ug/Kg	☼	10/31/24 09:32	11/01/24 17:14	1
Benzo[b]fluoranthene	**38**	**J**	49	15	ug/Kg	☼	10/31/24 09:32	11/01/24 17:14	1
Benzo[g,h,i]perylene	ND		49	33	ug/Kg	☼	10/31/24 09:32	11/01/24 17:14	1
Benzo[k]fluoranthene	**13**	**J**	49	12	ug/Kg	☼	10/31/24 09:32	11/01/24 17:14	1
Chrysene	**28**	**J**	49	17	ug/Kg	☼	10/31/24 09:32	11/01/24 17:14	1
Dibenz(a,h)anthracene	ND		49	18	ug/Kg	☼	10/31/24 09:32	11/01/24 17:14	1
Fluoranthene	**42**	**J**	49	17	ug/Kg	☼	10/31/24 09:32	11/01/24 17:14	1
Fluorene	ND		49	17	ug/Kg	☼	10/31/24 09:32	11/01/24 17:14	1
Indeno[1,2,3-cd]pyrene	**15**	**J**	49	15	ug/Kg	☼	10/31/24 09:32	11/01/24 17:14	1
Naphthalene	ND		49	16	ug/Kg	☼	10/31/24 09:32	11/01/24 17:14	1
Phenanthrene	ND		49	16	ug/Kg	☼	10/31/24 09:32	11/01/24 17:14	1
Pyrene	**33**	**J**	49	20	ug/Kg	☼	10/31/24 09:32	11/01/24 17:14	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2,4,6-Tribromophenol (Surr)	*33*		*10 - 120*	*10/31/24 09:32*	*11/01/24 17:14*	*1*
2-Fluorobiphenyl (Surr)	*73*		*36 - 120*	*10/31/24 09:32*	*11/01/24 17:14*	*1*
2-Fluorophenol (Surr)	*76*		*26 - 120*	*10/31/24 09:32*	*11/01/24 17:14*	*1*
Nitrobenzene-d5 (Surr)	*66*		*28 - 120*	*10/31/24 09:32*	*11/01/24 17:14*	*1*
Phenol-d5 (Surr)	*75*		*29 - 120*	*10/31/24 09:32*	*11/01/24 17:14*	*1*
Terphenyl-d14 (Surr)	*72*		*37 - 120*	*10/31/24 09:32*	*11/01/24 17:14*	*1*

Method: SW846 6010D - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	**23**		1.6	0.34	mg/Kg	☼	10/30/24 15:00	11/01/24 02:14	1
Barium	**75**		21	0.14	mg/Kg	☼	10/30/24 15:00	11/01/24 02:14	1
Cadmium	**0.13**	**J**	0.54	0.052	mg/Kg	☼	10/30/24 15:00	11/01/24 02:14	1
Chromium	**13**		1.1	0.37	mg/Kg	☼	10/30/24 15:00	11/01/24 02:14	1
Copper	**16**		2.7	0.75	mg/Kg	☼	10/30/24 15:00	11/01/24 02:14	1
Lead	**12**		1.1	0.30	mg/Kg	☼	10/30/24 15:00	11/01/24 02:14	1
Selenium	ND		2.1	0.50	mg/Kg	☼	10/30/24 15:00	11/01/24 02:14	1
Silver	ND		1.1	0.087	mg/Kg	☼	10/30/24 15:00	11/01/24 02:14	1
Zinc	**180**		5.4	3.9	mg/Kg	☼	10/30/24 15:00	11/01/24 02:14	1

Method: SW846 7471B - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	ND		0.14	0.026	mg/Kg	☼	10/30/24 15:00	10/31/24 09:01	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cr (VI) (SW846 7196A)	**1.8**		0.52	0.17	mg/Kg	☼	11/08/24 09:24	11/10/24 06:14	1
Cyanide, Total (SW846 9012B)	**49**		3.3	2.6	mg/Kg	☼	11/06/24 09:13	11/06/24 13:40	5

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Solids (EPA Moisture)	**79.5**		0.1	0.1	%			10/29/24 14:38	1
Percent Moisture (EPA Moisture)	**20.5**		0.1	0.1	%			10/29/24 14:38	1

Client: August Mack Environmental, Inc.
Job ID: 240-213860-1
Project/Site: MSC Canfield - N. Ditch Sampling

Client Sample ID: DUP-7-20241028
Lab Sample ID: 240-213860-4
Date Collected: 10/28/24 00:00
Matrix: Solid
Date Received: 10/28/24 15:52
Percent Solids: 79.5

General Chemistry - ASTM Leach

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cyanide, Free (OI CORP OIA-1677)	ND		0.0060	0.0050	mg/L			11/12/24 20:09	1

Client Sample ID: T2-0-N-2.0
Date Collected: 10/28/24 11:15
Date Received: 10/28/24 15:52

Lab Sample ID: 240-213860-5
Matrix: Solid
Percent Solids: 77.9

Method: SW846 8270E - Semivolatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acenaphthene	ND		53	18	ug/Kg	☼	10/31/24 09:32	11/01/24 20:53	1
Acenaphthylene	ND		53	20	ug/Kg	☼	10/31/24 09:32	11/01/24 20:53	1
Anthracene	ND		53	16	ug/Kg	☼	10/31/24 09:32	11/01/24 20:53	1
Benzo[a]anthracene	ND		53	20	ug/Kg	☼	10/31/24 09:32	11/01/24 20:53	1
Benzo[a]pyrene	ND		53	18	ug/Kg	☼	10/31/24 09:32	11/01/24 20:53	1
Benzo[b]fluoranthene	ND		53	16	ug/Kg	☼	10/31/24 09:32	11/01/24 20:53	1
Benzo[g,h,i]perylene	ND		53	36	ug/Kg	☼	10/31/24 09:32	11/01/24 20:53	1
Benzo[k]fluoranthene	ND		53	13	ug/Kg	☼	10/31/24 09:32	11/01/24 20:53	1
Chrysene	ND		53	18	ug/Kg	☼	10/31/24 09:32	11/01/24 20:53	1
Dibenz(a,h)anthracene	ND		53	20	ug/Kg	☼	10/31/24 09:32	11/01/24 20:53	1
Fluoranthene	ND		53	18	ug/Kg	☼	10/31/24 09:32	11/01/24 20:53	1
Fluorene	ND		53	18	ug/Kg	☼	10/31/24 09:32	11/01/24 20:53	1
Indeno[1,2,3-cd]pyrene	ND		53	16	ug/Kg	☼	10/31/24 09:32	11/01/24 20:53	1
Naphthalene	ND		53	17	ug/Kg	☼	10/31/24 09:32	11/01/24 20:53	1
Phenanthrene	ND		53	17	ug/Kg	☼	10/31/24 09:32	11/01/24 20:53	1
Pyrene	ND		53	21	ug/Kg	☼	10/31/24 09:32	11/01/24 20:53	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2,4,6-Tribromophenol (Surr)	*36*		*10 - 120*	*10/31/24 09:32*	*11/01/24 20:53*	*1*
2-Fluorobiphenyl (Surr)	*75*		*36 - 120*	*10/31/24 09:32*	*11/01/24 20:53*	*1*
2-Fluorophenol (Surr)	*77*		*26 - 120*	*10/31/24 09:32*	*11/01/24 20:53*	*1*
Nitrobenzene-d5 (Surr)	*67*		*28 - 120*	*10/31/24 09:32*	*11/01/24 20:53*	*1*
Phenol-d5 (Surr)	*79*		*29 - 120*	*10/31/24 09:32*	*11/01/24 20:53*	*1*
Terphenyl-d14 (Surr)	*73*		*37 - 120*	*10/31/24 09:32*	*11/01/24 20:53*	*1*

Method: SW846 6010D - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	**11**		1.3	0.27	mg/Kg	☼	10/30/24 15:00	11/01/24 02:19	1
Barium	**52**		17	0.11	mg/Kg	☼	10/30/24 15:00	11/01/24 02:19	1
Cadmium	**0.10**	**J**	0.43	0.042	mg/Kg	☼	10/30/24 15:00	11/01/24 02:19	1
Chromium	**16**		0.87	0.30	mg/Kg	☼	10/30/24 15:00	11/01/24 02:19	1
Copper	**19**		2.2	0.61	mg/Kg	☼	10/30/24 15:00	11/01/24 02:19	1
Lead	**11**		0.87	0.24	mg/Kg	☼	10/30/24 15:00	11/01/24 02:19	1
Selenium	ND		1.7	0.41	mg/Kg	☼	10/30/24 15:00	11/01/24 02:19	1
Silver	ND		0.87	0.070	mg/Kg	☼	10/30/24 15:00	11/01/24 02:19	1
Zinc	**68**		4.3	3.1	mg/Kg	☼	10/30/24 15:00	11/01/24 02:19	1

Method: SW846 7471B - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	ND		0.12	0.022	mg/Kg	☼	10/30/24 15:00	10/31/24 09:02	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cr (VI) (SW846 7196A)	**0.94**		0.53	0.18	mg/Kg	☼	11/08/24 09:24	11/10/24 06:14	1
Cyanide, Total (SW846 9012B)	**1.1**	**F1 F2**	0.67	0.53	mg/Kg	☼	11/06/24 12:58	11/07/24 14:33	1

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Solids (EPA Moisture)	**77.9**		0.1	0.1	%			10/29/24 14:40	1
Percent Moisture (EPA Moisture)	**22.1**		0.1	0.1	%			10/29/24 14:40	1

Client: August Mack Environmental, Inc.
Job ID: 240-213860-1
Project/Site: MSC Canfield - N. Ditch Sampling

Client Sample ID: T2-0-N-2.0
Lab Sample ID: 240-213860-5
Date Collected: 10/28/24 11:15
Matrix: Solid
Date Received: 10/28/24 15:52
Percent Solids: 77.9

General Chemistry - ASTM Leach

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cyanide, Free (OI CORP OIA-1677)	ND		0.0060	0.0050	mg/L			11/12/24 13:15	1

Client Sample ID: T2-0-S-2.0
Date Collected: 10/28/24 11:55
Date Received: 10/28/24 15:52

Lab Sample ID: 240-213860-6
Matrix: Solid
Percent Solids: 84.6

Method: SW846 8270E - Semivolatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acenaphthene	ND		48	17	ug/Kg	☼	10/31/24 09:32	11/01/24 21:18	1
Acenaphthylene	ND		48	18	ug/Kg	☼	10/31/24 09:32	11/01/24 21:18	1
Anthracene	ND		48	14	ug/Kg	☼	10/31/24 09:32	11/01/24 21:18	1
Benzo[a]anthracene	ND		48	18	ug/Kg	☼	10/31/24 09:32	11/01/24 21:18	1
Benzo[a]pyrene	ND		48	17	ug/Kg	☼	10/31/24 09:32	11/01/24 21:18	1
Benzo[b]fluoranthene	ND		48	14	ug/Kg	☼	10/31/24 09:32	11/01/24 21:18	1
Benzo[g,h,i]perylene	ND		48	33	ug/Kg	☼	10/31/24 09:32	11/01/24 21:18	1
Benzo[k]fluoranthene	ND		48	12	ug/Kg	☼	10/31/24 09:32	11/01/24 21:18	1
Chrysene	ND		48	17	ug/Kg	☼	10/31/24 09:32	11/01/24 21:18	1
Dibenz(a,h)anthracene	ND		48	18	ug/Kg	☼	10/31/24 09:32	11/01/24 21:18	1
Fluoranthene	ND		48	17	ug/Kg	☼	10/31/24 09:32	11/01/24 21:18	1
Fluorene	ND		48	17	ug/Kg	☼	10/31/24 09:32	11/01/24 21:18	1
Indeno[1,2,3-cd]pyrene	ND		48	14	ug/Kg	☼	10/31/24 09:32	11/01/24 21:18	1
Naphthalene	ND		48	16	ug/Kg	☼	10/31/24 09:32	11/01/24 21:18	1
Phenanthrene	ND		48	16	ug/Kg	☼	10/31/24 09:32	11/01/24 21:18	1
Pyrene	ND		48	19	ug/Kg	☼	10/31/24 09:32	11/01/24 21:18	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2,4,6-Tribromophenol (Surr)	*42*		*10 - 120*	*10/31/24 09:32*	*11/01/24 21:18*	*1*
2-Fluorobiphenyl (Surr)	*74*		*36 - 120*	*10/31/24 09:32*	*11/01/24 21:18*	*1*
2-Fluorophenol (Surr)	*77*		*26 - 120*	*10/31/24 09:32*	*11/01/24 21:18*	*1*
Nitrobenzene-d5 (Surr)	*67*		*28 - 120*	*10/31/24 09:32*	*11/01/24 21:18*	*1*
Phenol-d5 (Surr)	*77*		*29 - 120*	*10/31/24 09:32*	*11/01/24 21:18*	*1*
Terphenyl-d14 (Surr)	*76*		*37 - 120*	*10/31/24 09:32*	*11/01/24 21:18*	*1*

Method: SW846 6010D - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	**28**		1.3	0.28	mg/Kg	☼	10/30/24 15:00	11/01/24 02:23	1
Barium	**64**		18	0.11	mg/Kg	☼	10/30/24 15:00	11/01/24 02:23	1
Cadmium	**0.099**	**J**	0.44	0.042	mg/Kg	☼	10/30/24 15:00	11/01/24 02:23	1
Chromium	**15**		0.88	0.30	mg/Kg	☼	10/30/24 15:00	11/01/24 02:23	1
Copper	**19**		2.2	0.61	mg/Kg	☼	10/30/24 15:00	11/01/24 02:23	1
Lead	**14**		0.88	0.25	mg/Kg	☼	10/30/24 15:00	11/01/24 02:23	1
Selenium	ND		1.8	0.41	mg/Kg	☼	10/30/24 15:00	11/01/24 02:23	1
Silver	ND		0.88	0.071	mg/Kg	☼	10/30/24 15:00	11/01/24 02:23	1
Zinc	**65**		4.4	3.2	mg/Kg	☼	10/30/24 15:00	11/01/24 02:23	1

Method: SW846 7471B - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	ND		0.11	0.019	mg/Kg	☼	10/30/24 15:00	10/31/24 09:07	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cr (VI) (SW846 7196A)	ND		0.48	0.16	mg/Kg	☼	11/08/24 09:24	11/10/24 06:14	1
Cyanide, Total (SW846 9012B)	**1.6**		0.62	0.49	mg/Kg	☼	11/06/24 12:58	11/07/24 14:38	1

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Solids (EPA Moisture)	**84.6**		0.1	0.1	%			10/29/24 14:45	1
Percent Moisture (EPA Moisture)	**15.4**		0.1	0.1	%			10/29/24 14:45	1

Client: August Mack Environmental, Inc.
Job ID: 240-213860-1
Project/Site: MSC Canfield - N. Ditch Sampling

Client Sample ID: T2-0-S-2.0
Lab Sample ID: 240-213860-6
Date Collected: 10/28/24 11:55
Matrix: Solid
Date Received: 10/28/24 15:52
Percent Solids: 84.6

General Chemistry - ASTM Leach

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cyanide, Free (OI CORP OIA-1677)	ND		0.0060	0.0050	mg/L			11/12/24 19:49	1

Client: August Mack Environmental, Inc.
Project/Site: MSC Canfield - N. Ditch Sampling

Job ID: 240-213860-1

Client Sample ID: TB-14-20241028
Date Collected: 10/28/24 00:00
Date Received: 10/28/24 15:52

Lab Sample ID: 240-213860-7
Matrix: Water

Method: SW846 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		1.0	0.48	ug/L			11/04/24 18:09	1
1,1,2,2-Tetrachloroethane	ND		1.0	0.60	ug/L			11/04/24 18:09	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		1.0	0.41	ug/L			11/04/24 18:09	1
1,1,2-Trichloroethane	ND		1.0	0.48	ug/L			11/04/24 18:09	1
1,1-Dichloroethane	ND		1.0	0.47	ug/L			11/04/24 18:09	1
1,1-Dichloroethene	ND		1.0	0.49	ug/L			11/04/24 18:09	1
1,2,4-Trichlorobenzene	ND		1.0	0.77	ug/L			11/04/24 18:09	1
1,2-Dibromo-3-Chloropropane	ND		2.0	0.91	ug/L			11/04/24 18:09	1
Ethylene Dibromide	ND		1.0	0.41	ug/L			11/04/24 18:09	1
1,2-Dichlorobenzene	ND		1.0	0.48	ug/L			11/04/24 18:09	1
1,2-Dichloroethane	ND		1.0	0.46	ug/L			11/04/24 18:09	1
1,2-Dichloropropane	ND		1.0	0.47	ug/L			11/04/24 18:09	1
1,3-Dichlorobenzene	ND		1.0	0.45	ug/L			11/04/24 18:09	1
1,4-Dichlorobenzene	ND		1.0	0.41	ug/L			11/04/24 18:09	1
2-Butanone (MEK)	ND		10	1.2	ug/L			11/04/24 18:09	1
2-Hexanone	ND		10	1.1	ug/L			11/04/24 18:09	1
4-Methyl-2-pentanone (MIBK)	ND		10	0.99	ug/L			11/04/24 18:09	1
Acetone	ND		10	5.4	ug/L			11/04/24 18:09	1
Benzene	ND		1.0	0.42	ug/L			11/04/24 18:09	1
Dichlorobromomethane	ND		1.0	0.38	ug/L			11/04/24 18:09	1
Bromoform	ND		1.0	0.76	ug/L			11/04/24 18:09	1
Bromomethane	ND		1.0	0.42	ug/L			11/04/24 18:09	1
Carbon disulfide	ND		1.0	0.59	ug/L			11/04/24 18:09	1
Carbon tetrachloride	ND		1.0	0.26	ug/L			11/04/24 18:09	1
Chlorobenzene	ND		1.0	0.38	ug/L			11/04/24 18:09	1
Chloroethane	ND		1.0	0.83	ug/L			11/04/24 18:09	1
Chloroform	ND		1.0	0.47	ug/L			11/04/24 18:09	1
Chloromethane	ND		1.0	0.63	ug/L			11/04/24 18:09	1
cis-1,2-Dichloroethene	ND		1.0	0.46	ug/L			11/04/24 18:09	1
cis-1,3-Dichloropropene	ND		1.0	0.61	ug/L			11/04/24 18:09	1
Cyclohexane	ND		1.0	0.48	ug/L			11/04/24 18:09	1
Chlorodibromomethane	ND		1.0	0.39	ug/L			11/04/24 18:09	1
Dichlorodifluoromethane	ND		1.0	0.35	ug/L			11/04/24 18:09	1
Ethylbenzene	ND		1.0	0.42	ug/L			11/04/24 18:09	1
Isopropylbenzene	ND		1.0	0.49	ug/L			11/04/24 18:09	1
Methyl acetate	ND		10	1.7	ug/L			11/04/24 18:09	1
Methyl tert-butyl ether	ND		1.0	0.47	ug/L			11/04/24 18:09	1
Methylcyclohexane	ND		1.0	0.33	ug/L			11/04/24 18:09	1
Methylene Chloride	ND		5.0	2.6	ug/L			11/04/24 18:09	1
Styrene	ND		1.0	0.45	ug/L			11/04/24 18:09	1
Tetrachloroethene	ND		1.0	0.44	ug/L			11/04/24 18:09	1
Toluene	ND		1.0	0.44	ug/L			11/04/24 18:09	1
trans-1,2-Dichloroethene	ND		1.0	0.51	ug/L			11/04/24 18:09	1
trans-1,3-Dichloropropene	ND		1.0	0.67	ug/L			11/04/24 18:09	1
Trichloroethene	ND		1.0	0.44	ug/L			11/04/24 18:09	1
Trichlorofluoromethane	ND		1.0	0.45	ug/L			11/04/24 18:09	1
Vinyl chloride	ND		1.0	0.45	ug/L			11/04/24 18:09	1
Xylenes, Total	ND		2.0	0.42	ug/L			11/04/24 18:09	1

Client: August Mack Environmental, Inc.
Project/Site: MSC Canfield - N. Ditch Sampling

Job ID: 240-213860-1

Client Sample ID: TB-14-20241028
Date Collected: 10/28/24 00:00
Date Received: 10/28/24 15:52

Lab Sample ID: 240-213860-7
Matrix: Water

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
Toluene-d8 (Surr)	86		78 - 122		11/04/24 18:09	1
Dibromofluoromethane (Surr)	110		73 - 120		11/04/24 18:09	1
4-Bromofluorobenzene (Surr)	74		56 - 136		11/04/24 18:09	1
1,2-Dichloroethane-d4 (Surr)	110		62 - 137		11/04/24 18:09	1

Surrogate Summary

Client: August Mack Environmental, Inc.
Project/Site: MSC Canfield - N. Ditch Sampling

Job ID: 240-213860-1

Method: 8260D - Volatile Organic Compounds by GC/MS

Matrix: Water

Prep Type: Total/NA

		Percent Surrogate Recovery (Acceptance Limits)			
		TOL	DBFM	BFB	DCA
Lab Sample ID	Client Sample ID	(78-122)	(73-120)	(56-136)	(62-137)
240-213860-7	TB-14-20241028	86	110	74	110
LCS 240-633742/4	Lab Control Sample	100	108	99	104
MB 240-633742/7	Method Blank	90	108	78	107

Surrogate Legend

TOL = Toluene-d8 (Surr)
DBFM = Dibromofluoromethane (Surr)
BFB = 4-Bromofluorobenzene (Surr)
DCA = 1,2-Dichloroethane-d4 (Surr)

Method: 8270E - Semivolatile Organic Compounds (GC/MS)

Matrix: Solid

Prep Type: Total/NA

		Percent Surrogate Recovery (Acceptance Limits)					
		TBP	FBP	2FP	NBZ	PHL	TPHL
Lab Sample ID	Client Sample ID	(10-120)	(36-120)	(26-120)	(28-120)	(29-120)	(37-120)
240-213860-1	T2-100-S-2.0	35	71	78	64	77	70
240-213860-2	T2-0-N-0.0	55	75	74	67	77	77
240-213860-2 MS	T2-0-N-0.0	58	76	79	69	79	75
240-213860-2 MSD	T2-0-N-0.0	58	75	79	73	80	75
240-213860-3	T2-0-S-0.0	42	80	85	74	83	82
240-213860-4	DUP-7-20241028	33	73	76	66	75	72
240-213860-5	T2-0-N-2.0	36	75	77	67	79	73
240-213860-6	T2-0-S-2.0	42	74	77	67	77	76
LCS 240-633302/2-A	Lab Control Sample	48	74	77	74	78	72
MB 240-633302/1-A	Method Blank	33	73	75	69	77	75

Surrogate Legend

TBP = 2,4,6-Tribromophenol (Surr)
FBP = 2-Fluorobiphenyl (Surr)
2FP = 2-Fluorophenol (Surr)
NBZ = Nitrobenzene-d5 (Surr)
PHL = Phenol-d5 (Surr)
TPHL = Terphenyl-d14 (Surr)

Method: 8260D - Volatile Organic Compounds by GC/MS

Lab Sample ID: MB 240-633742/7
Matrix: Water
Analysis Batch: 633742

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		1.0	0.48	ug/L			11/04/24 10:28	1
1,1,2,2-Tetrachloroethane	ND		1.0	0.60	ug/L			11/04/24 10:28	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		1.0	0.41	ug/L			11/04/24 10:28	1
1,1,2-Trichloroethane	ND		1.0	0.48	ug/L			11/04/24 10:28	1
1,1-Dichloroethane	ND		1.0	0.47	ug/L			11/04/24 10:28	1
1,1-Dichloroethene	ND		1.0	0.49	ug/L			11/04/24 10:28	1
1,2,4-Trichlorobenzene	ND		1.0	0.77	ug/L			11/04/24 10:28	1
1,2-Dibromo-3-Chloropropane	ND		2.0	0.91	ug/L			11/04/24 10:28	1
Ethylene Dibromide	ND		1.0	0.41	ug/L			11/04/24 10:28	1
1,2-Dichlorobenzene	ND		1.0	0.48	ug/L			11/04/24 10:28	1
1,2-Dichloroethane	ND		1.0	0.46	ug/L			11/04/24 10:28	1
1,2-Dichloropropane	ND		1.0	0.47	ug/L			11/04/24 10:28	1
1,3-Dichlorobenzene	ND		1.0	0.45	ug/L			11/04/24 10:28	1
1,4-Dichlorobenzene	ND		1.0	0.41	ug/L			11/04/24 10:28	1
2-Butanone (MEK)	ND		10	1.2	ug/L			11/04/24 10:28	1
2-Hexanone	ND		10	1.1	ug/L			11/04/24 10:28	1
4-Methyl-2-pentanone (MIBK)	ND		10	0.99	ug/L			11/04/24 10:28	1
Acetone	ND		10	5.4	ug/L			11/04/24 10:28	1
Benzene	ND		1.0	0.42	ug/L			11/04/24 10:28	1
Dichlorobromomethane	ND		1.0	0.38	ug/L			11/04/24 10:28	1
Bromoform	ND		1.0	0.76	ug/L			11/04/24 10:28	1
Bromomethane	ND		1.0	0.42	ug/L			11/04/24 10:28	1
Carbon disulfide	ND		1.0	0.59	ug/L			11/04/24 10:28	1
Carbon tetrachloride	ND		1.0	0.26	ug/L			11/04/24 10:28	1
Chlorobenzene	ND		1.0	0.38	ug/L			11/04/24 10:28	1
Chloroethane	ND		1.0	0.83	ug/L			11/04/24 10:28	1
Chloroform	ND		1.0	0.47	ug/L			11/04/24 10:28	1
Chloromethane	ND		1.0	0.63	ug/L			11/04/24 10:28	1
cis-1,2-Dichloroethene	ND		1.0	0.46	ug/L			11/04/24 10:28	1
cis-1,3-Dichloropropene	ND		1.0	0.61	ug/L			11/04/24 10:28	1
Cyclohexane	ND		1.0	0.48	ug/L			11/04/24 10:28	1
Chlorodibromomethane	ND		1.0	0.39	ug/L			11/04/24 10:28	1
Dichlorodifluoromethane	ND		1.0	0.35	ug/L			11/04/24 10:28	1
Ethylbenzene	ND		1.0	0.42	ug/L			11/04/24 10:28	1
Isopropylbenzene	ND		1.0	0.49	ug/L			11/04/24 10:28	1
Methyl acetate	ND		10	1.7	ug/L			11/04/24 10:28	1
Methyl tert-butyl ether	ND		1.0	0.47	ug/L			11/04/24 10:28	1
Methylcyclohexane	ND		1.0	0.33	ug/L			11/04/24 10:28	1
Methylene Chloride	ND		5.0	2.6	ug/L			11/04/24 10:28	1
Styrene	ND		1.0	0.45	ug/L			11/04/24 10:28	1
Tetrachloroethene	ND		1.0	0.44	ug/L			11/04/24 10:28	1
Toluene	ND		1.0	0.44	ug/L			11/04/24 10:28	1
trans-1,2-Dichloroethene	ND		1.0	0.51	ug/L			11/04/24 10:28	1
trans-1,3-Dichloropropene	ND		1.0	0.67	ug/L			11/04/24 10:28	1
Trichloroethene	ND		1.0	0.44	ug/L			11/04/24 10:28	1
Trichlorofluoromethane	ND		1.0	0.45	ug/L			11/04/24 10:28	1
Vinyl chloride	ND		1.0	0.45	ug/L			11/04/24 10:28	1
Xylenes, Total	ND		2.0	0.42	ug/L			11/04/24 10:28	1

Method: 8260D - Volatile Organic Compounds by GC/MS (Continued)

Lab Sample ID: MB 240-633742/7
Matrix: Water
Analysis Batch: 633742

Client Sample ID: Method Blank
Prep Type: Total/NA

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
Toluene-d8 (Surr)	*90*		*78 - 122*		*11/04/24 10:28*	*1*
Dibromofluoromethane (Surr)	*108*		*73 - 120*		*11/04/24 10:28*	*1*
4-Bromofluorobenzene (Surr)	*78*		*56 - 136*		*11/04/24 10:28*	*1*
1,2-Dichloroethane-d4 (Surr)	*107*		*62 - 137*		*11/04/24 10:28*	*1*

Lab Sample ID: LCS 240-633742/4
Matrix: Water
Analysis Batch: 633742

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
1,1,1-Trichloroethane	25.0	25.9		ug/L		104	64 - 131
1,1,2,2-Tetrachloroethane	25.0	21.3		ug/L		85	58 - 157
1,1,2-Trichloro-1,2,2-trifluoroethane	25.0	32.9		ug/L		131	51 - 146
1,1,2-Trichloroethane	25.0	24.0		ug/L		96	70 - 138
1,1-Dichloroethane	25.0	26.1		ug/L		104	72 - 127
1,1-Dichloroethene	25.0	27.6		ug/L		110	63 - 134
1,2,4-Trichlorobenzene	25.0	22.3		ug/L		89	44 - 147
1,2-Dibromo-3-Chloropropane	25.0	19.2		ug/L		77	53 - 135
Ethylene Dibromide	25.0	24.2		ug/L		97	71 - 134
1,2-Dichlorobenzene	25.0	24.5		ug/L		98	78 - 120
1,2-Dichloroethane	25.0	24.0		ug/L		96	66 - 128
1,2-Dichloropropane	25.0	22.4		ug/L		90	75 - 133
1,3-Dichlorobenzene	25.0	23.6		ug/L		94	80 - 120
1,4-Dichlorobenzene	25.0	23.5		ug/L		94	80 - 120
2-Butanone (MEK)	50.0	36.9		ug/L		74	54 - 156
2-Hexanone	50.0	37.0		ug/L		74	43 - 167
4-Methyl-2-pentanone (MIBK)	50.0	38.0		ug/L		76	46 - 158
Acetone	50.0	48.5		ug/L		97	50 - 149
Benzene	25.0	26.2		ug/L		105	77 - 123
Dichlorobromomethane	25.0	23.9		ug/L		96	69 - 126
Bromoform	25.0	25.1		ug/L		100	57 - 129
Bromomethane	12.5	13.4		ug/L		107	36 - 142
Carbon disulfide	25.0	29.6		ug/L		118	43 - 140
Carbon tetrachloride	25.0	27.8		ug/L		111	55 - 137
Chlorobenzene	25.0	26.5		ug/L		106	80 - 121
Chloroethane	12.5	11.4		ug/L		91	38 - 152
Chloroform	25.0	25.2		ug/L		101	74 - 122
Chloromethane	12.5	8.82		ug/L		71	47 - 143
cis-1,2-Dichloroethene	25.0	25.3		ug/L		101	77 - 123
cis-1,3-Dichloropropene	25.0	21.5		ug/L		86	64 - 130
Cyclohexane	25.0	22.6		ug/L		91	58 - 146
Chlorodibromomethane	25.0	24.2		ug/L		97	70 - 124
Dichlorodifluoromethane	12.5	6.03		ug/L		48	34 - 153
Ethylbenzene	25.0	25.1		ug/L		100	80 - 121
Isopropylbenzene	25.0	26.5		ug/L		106	74 - 128
Methyl acetate	50.0	38.0		ug/L		76	42 - 169
Methyl tert-butyl ether	25.0	26.1		ug/L		104	65 - 126
Methylcyclohexane	25.0	21.4		ug/L		86	62 - 136

Method: 8260D - Volatile Organic Compounds by GC/MS (Continued)

Lab Sample ID: LCS 240-633742/4
Matrix: Water
Analysis Batch: 633742

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Methylene Chloride	25.0	27.2		ug/L		109	71 - 125
Styrene	25.0	25.3		ug/L		101	80 - 135
Tetrachloroethene	25.0	27.8		ug/L		111	76 - 123
Toluene	25.0	23.0		ug/L		92	80 - 123
trans-1,2-Dichloroethene	25.0	27.6		ug/L		111	75 - 124
trans-1,3-Dichloropropene	25.0	22.3		ug/L		89	57 - 129
Trichloroethene	25.0	25.9		ug/L		103	70 - 122
Trichlorofluoromethane	12.5	14.1		ug/L		113	30 - 170
Vinyl chloride	12.5	9.98		ug/L		80	60 - 144
Xylenes, Total	50.0	49.9		ug/L		100	80 - 121
m-Xylene & p-Xylene	25.0	25.4		ug/L		102	80 - 120
o-Xylene	25.0	24.5		ug/L		98	80 - 123

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
Toluene-d8 (Surr)	*100*		*78 - 122*
Dibromofluoromethane (Surr)	*108*		*73 - 120*
4-Bromofluorobenzene (Surr)	*99*		*56 - 136*
1,2-Dichloroethane-d4 (Surr)	*104*		*62 - 137*

Method: 8270E - Semivolatile Organic Compounds (GC/MS)

Lab Sample ID: MB 240-633302/1-A
Matrix: Solid
Analysis Batch: 633486

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 633302

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acenaphthene	ND		40	14	ug/Kg		10/31/24 09:32	11/01/24 10:44	1
Acenaphthylene	ND		40	15	ug/Kg		10/31/24 09:32	11/01/24 10:44	1
Anthracene	ND		40	12	ug/Kg		10/31/24 09:32	11/01/24 10:44	1
Benzo[a]anthracene	ND		40	15	ug/Kg		10/31/24 09:32	11/01/24 10:44	1
Benzo[a]pyrene	ND		40	14	ug/Kg		10/31/24 09:32	11/01/24 10:44	1
Benzo[b]fluoranthene	ND		40	12	ug/Kg		10/31/24 09:32	11/01/24 10:44	1
Benzo[g,h,i]perylene	ND		40	27	ug/Kg		10/31/24 09:32	11/01/24 10:44	1
Benzo[k]fluoranthene	ND		40	10	ug/Kg		10/31/24 09:32	11/01/24 10:44	1
Chrysene	ND		40	14	ug/Kg		10/31/24 09:32	11/01/24 10:44	1
Dibenz(a,h)anthracene	ND		40	15	ug/Kg		10/31/24 09:32	11/01/24 10:44	1
Fluoranthene	ND		40	14	ug/Kg		10/31/24 09:32	11/01/24 10:44	1
Fluorene	ND		40	14	ug/Kg		10/31/24 09:32	11/01/24 10:44	1
Indeno[1,2,3-cd]pyrene	ND		40	12	ug/Kg		10/31/24 09:32	11/01/24 10:44	1
Naphthalene	ND		40	13	ug/Kg		10/31/24 09:32	11/01/24 10:44	1
Phenanthrene	ND		40	13	ug/Kg		10/31/24 09:32	11/01/24 10:44	1
Pyrene	ND		40	16	ug/Kg		10/31/24 09:32	11/01/24 10:44	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2,4,6-Tribromophenol (Surr)	*33*		*10 - 120*	*10/31/24 09:32*	*11/01/24 10:44*	*1*
2-Fluorobiphenyl (Surr)	*73*		*36 - 120*	*10/31/24 09:32*	*11/01/24 10:44*	*1*
2-Fluorophenol (Surr)	*75*		*26 - 120*	*10/31/24 09:32*	*11/01/24 10:44*	*1*
Nitrobenzene-d5 (Surr)	*69*		*28 - 120*	*10/31/24 09:32*	*11/01/24 10:44*	*1*

Method: 8270E - Semivolatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: MB 240-633302/1-A
Matrix: Solid
Analysis Batch: 633486

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 633302

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
Phenol-d5 (Surr)	77		29 - 120	10/31/24 09:32	11/01/24 10:44	1
Terphenyl-d14 (Surr)	75		37 - 120	10/31/24 09:32	11/01/24 10:44	1

Lab Sample ID: LCS 240-633302/2-A
Matrix: Solid
Analysis Batch: 633486

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 633302

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
Acenaphthene			1330	1060		ug/Kg		80	56 - 120		
Acenaphthylene			1330	1060		ug/Kg		79	54 - 120		
Anthracene			1330	1140		ug/Kg		85	59 - 120		
Benzo[a]anthracene			1330	1220		ug/Kg		92	59 - 120		
Benzo[a]pyrene			1330	1230		ug/Kg		92	54 - 120		
Benzo[b]fluoranthene			1330	1270		ug/Kg		95	58 - 120		
Benzo[g,h,i]perylene			1330	1320		ug/Kg		99	56 - 120		
Benzo[k]fluoranthene			1330	1230		ug/Kg		92	59 - 120		
Chrysene			1330	1180		ug/Kg		88	58 - 120		
Dibenz(a,h)anthracene			1330	1140		ug/Kg		85	54 - 120		
Fluoranthene			1330	1130		ug/Kg		85	59 - 120		
Fluorene			1330	1090		ug/Kg		82	56 - 120		
Indeno[1,2,3-cd]pyrene			1330	1340		ug/Kg		100	53 - 120		
Naphthalene			1330	1040		ug/Kg		78	54 - 120		
Phenanthrene			1330	1120		ug/Kg		84	57 - 120		
Pyrene			1330	1230		ug/Kg		92	59 - 120		

Surrogate	LCS %Recovery	LCS Qualifier	Limits
2,4,6-Tribromophenol (Surr)	48		10 - 120
2-Fluorobiphenyl (Surr)	74		36 - 120
2-Fluorophenol (Surr)	77		26 - 120
Nitrobenzene-d5 (Surr)	74		28 - 120
Phenol-d5 (Surr)	78		29 - 120
Terphenyl-d14 (Surr)	72		37 - 120

Lab Sample ID: 240-213860-2 MS
Matrix: Solid
Analysis Batch: 633486

Client Sample ID: T2-0-N-0.0
Prep Type: Total/NA
Prep Batch: 633302

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits		
Acenaphthene	ND		1870	1560		ug/Kg	☼	83	26 - 120		
Acenaphthylene	ND		1870	1570		ug/Kg	☼	84	25 - 120		
Anthracene	ND		1870	1630		ug/Kg	☼	87	25 - 121		
Benzo[a]anthracene	100		1870	1900		ug/Kg	☼	96	21 - 130		
Benzo[a]pyrene	130		1870	1850		ug/Kg	☼	92	12 - 131		
Benzo[b]fluoranthene	210		1870	1900		ug/Kg	☼	90	14 - 134		
Benzo[g,h,i]perylene	150		1870	2010		ug/Kg	☼	100	10 - 145		
Benzo[k]fluoranthene	93		1870	1780		ug/Kg	☼	90	18 - 126		
Chrysene	150		1870	1930		ug/Kg	☼	95	20 - 126		
Dibenz(a,h)anthracene	33	J	1870	1730		ug/Kg	☼	91	10 - 141		

Method: 8270E - Semivolatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: 240-213860-2 MS
Matrix: Solid
Analysis Batch: 633486

Client Sample ID: T2-0-N-0.0
Prep Type: Total/NA
Prep Batch: 633302

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Fluoranthene	230		1870	1840		ug/Kg	☼	86	18 - 139
Fluorene	ND		1870	1630		ug/Kg	☼	87	29 - 120
Indeno[1,2,3-cd]pyrene	95		1870	2120		ug/Kg	☼	108	10 - 143
Naphthalene	ND		1870	1500		ug/Kg	☼	80	17 - 120
Phenanthrene	81		1870	1690		ug/Kg	☼	86	18 - 122
Pyrene	200		1870	1990		ug/Kg	☼	96	18 - 136

Surrogate	*MS %Recovery*	*MS Qualifier*	*Limits*
2,4,6-Tribromophenol (Surr)	*58*		*10 - 120*
2-Fluorobiphenyl (Surr)	*76*		*36 - 120*
2-Fluorophenol (Surr)	*79*		*26 - 120*
Nitrobenzene-d5 (Surr)	*69*		*28 - 120*
Phenol-d5 (Surr)	*79*		*29 - 120*
Terphenyl-d14 (Surr)	*75*		*37 - 120*

Lab Sample ID: 240-213860-2 MSD
Matrix: Solid
Analysis Batch: 633486

Client Sample ID: T2-0-N-0.0
Prep Type: Total/NA
Prep Batch: 633302

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Acenaphthene	ND		1910	1580		ug/Kg	☼	83	26 - 120	2	40
Acenaphthylene	ND		1910	1590		ug/Kg	☼	83	25 - 120	2	40
Anthracene	ND		1910	1760		ug/Kg	☼	92	25 - 121	8	40
Benzo[a]anthracene	100		1910	1960		ug/Kg	☼	97	21 - 130	3	40
Benzo[a]pyrene	130		1910	1980		ug/Kg	☼	97	12 - 131	7	40
Benzo[b]fluoranthene	210		1910	2080		ug/Kg	☼	98	14 - 134	9	40
Benzo[g,h,i]perylene	150		1910	2120		ug/Kg	☼	103	10 - 145	6	40
Benzo[k]fluoranthene	93		1910	1800		ug/Kg	☼	89	18 - 126	1	40
Chrysene	150		1910	2020		ug/Kg	☼	98	20 - 126	4	40
Dibenz(a,h)anthracene	33	J	1910	1790		ug/Kg	☼	92	10 - 141	3	40
Fluoranthene	230		1910	2030		ug/Kg	☼	94	18 - 139	10	40
Fluorene	ND		1910	1630		ug/Kg	☼	85	29 - 120	0	40
Indeno[1,2,3-cd]pyrene	95		1910	2160		ug/Kg	☼	108	10 - 143	2	40
Naphthalene	ND		1910	1570		ug/Kg	☼	82	17 - 120	5	40
Phenanthrene	81		1910	1830		ug/Kg	☼	91	18 - 122	8	40
Pyrene	200		1910	2070		ug/Kg	☼	98	18 - 136	4	40

Surrogate	*MSD %Recovery*	*MSD Qualifier*	*Limits*
2,4,6-Tribromophenol (Surr)	*58*		*10 - 120*
2-Fluorobiphenyl (Surr)	*75*		*36 - 120*
2-Fluorophenol (Surr)	*79*		*26 - 120*
Nitrobenzene-d5 (Surr)	*73*		*28 - 120*
Phenol-d5 (Surr)	*80*		*29 - 120*
Terphenyl-d14 (Surr)	*75*		*37 - 120*

Method: 6010D - Metals (ICP)

Lab Sample ID: MB 240-633191/1-A
Matrix: Solid
Analysis Batch: 633440

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 633191

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	ND		1.5	0.32	mg/Kg		10/30/24 15:00	11/01/24 01:27	1
Barium	ND		20	0.13	mg/Kg		10/30/24 15:00	11/01/24 01:27	1
Cadmium	ND		0.50	0.048	mg/Kg		10/30/24 15:00	11/01/24 01:27	1
Chromium	ND		1.0	0.34	mg/Kg		10/30/24 15:00	11/01/24 01:27	1
Copper	ND		2.5	0.70	mg/Kg		10/30/24 15:00	11/01/24 01:27	1
Lead	ND		1.0	0.28	mg/Kg		10/30/24 15:00	11/01/24 01:27	1
Selenium	ND		2.0	0.47	mg/Kg		10/30/24 15:00	11/01/24 01:27	1
Silver	ND		1.0	0.081	mg/Kg		10/30/24 15:00	11/01/24 01:27	1
Zinc	ND		5.0	3.6	mg/Kg		10/30/24 15:00	11/01/24 01:27	1

Lab Sample ID: LCS 240-633191/2-A
Matrix: Solid
Analysis Batch: 633440

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 633191

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Arsenic	200	191		mg/Kg		96	80 - 120
Barium	200	182		mg/Kg		91	80 - 120
Cadmium	100	92.8		mg/Kg		93	80 - 120
Chromium	100	92.5		mg/Kg		92	80 - 120
Copper	100	89.4		mg/Kg		89	80 - 120
Lead	100	85.5		mg/Kg		85	80 - 120
Selenium	200	187		mg/Kg		94	80 - 120
Silver	10.0	8.77		mg/Kg		88	80 - 120
Zinc	100	92.7		mg/Kg		93	80 - 120

Lab Sample ID: 240-213860-2 MS
Matrix: Solid
Analysis Batch: 633440

Client Sample ID: T2-0-N-0.0
Prep Type: Total/NA
Prep Batch: 633191

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Arsenic	17		289	270		mg/Kg	☼	88	75 - 125
Barium	70		289	315		mg/Kg	☼	85	75 - 125
Cadmium	0.21	J	144	124		mg/Kg	☼	86	75 - 125
Chromium	13		144	138		mg/Kg	☼	87	75 - 125
Copper	4.8	F1	144	44.2	F1	mg/Kg	☼	27	75 - 125
Lead	18		144	127		mg/Kg	☼	76	75 - 125
Selenium	1.1	J	289	246		mg/Kg	☼	85	75 - 125
Silver	ND		14.4	11.6		mg/Kg	☼	81	75 - 125
Zinc	2100		144	2200	4	mg/Kg	☼	74	75 - 125

Lab Sample ID: 240-213860-2 MSD
Matrix: Solid
Analysis Batch: 633440

Client Sample ID: T2-0-N-0.0
Prep Type: Total/NA
Prep Batch: 633191

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Arsenic	17		289	273		mg/Kg	☼	88	75 - 125	1	20
Barium	70		289	316		mg/Kg	☼	85	75 - 125	0	20
Cadmium	0.21	J	144	124		mg/Kg	☼	86	75 - 125	0	20
Chromium	13		144	138		mg/Kg	☼	87	75 - 125	0	20

Method: 6010D - Metals (ICP) (Continued)

Lab Sample ID: 240-213860-2 MSD — **Client Sample ID: T2-0-N-0.0**
Matrix: Solid — **Prep Type: Total/NA**
Analysis Batch: 633440 — **Prep Batch: 633191**

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Copper	4.8	F1	144	37.1	F1	mg/Kg	☼	22	75 - 125	17	20
Lead	18		144	129		mg/Kg	☼	77	75 - 125	1	20
Selenium	1.1	J	289	247		mg/Kg	☼	85	75 - 125	0	20
Silver	ND		14.4	11.6		mg/Kg	☼	81	75 - 125	0	20
Zinc	2100		144	2600	4	mg/Kg	☼	354	75 - 125	17	20

Method: 7471B - Mercury (CVAA)

Lab Sample ID: MB 240-633193/1-A — **Client Sample ID: Method Blank**
Matrix: Solid — **Prep Type: Total/NA**
Analysis Batch: 633354 — **Prep Batch: 633193**

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	ND		0.10	0.018	mg/Kg		10/30/24 15:00	10/31/24 08:49	1

Lab Sample ID: LCS 240-633193/2-A — **Client Sample ID: Lab Control Sample**
Matrix: Solid — **Prep Type: Total/NA**
Analysis Batch: 633354 — **Prep Batch: 633193**

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Mercury	0.833	0.872		mg/Kg		105	80 - 120

Lab Sample ID: 240-213860-2 MS — **Client Sample ID: T2-0-N-0.0**
Matrix: Solid — **Prep Type: Total/NA**
Analysis Batch: 633354 — **Prep Batch: 633193**

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Mercury	0.025	J	0.233	0.234		mg/Kg	☼	90	80 - 120

Lab Sample ID: 240-213860-2 MSD — **Client Sample ID: T2-0-N-0.0**
Matrix: Solid — **Prep Type: Total/NA**
Analysis Batch: 633354 — **Prep Batch: 633193**

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Mercury	0.025	J	0.233	0.260		mg/Kg	☼	101	80 - 120	11	20

Method: 7196A - Chromium, Hexavalent

Lab Sample ID: MB 410-572841/1-A — **Client Sample ID: Method Blank**
Matrix: Solid — **Prep Type: Total/NA**
Analysis Batch: 573280 — **Prep Batch: 572841**

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cr (VI)	ND		0.42	0.14	mg/Kg		11/08/24 09:24	11/10/24 06:14	1

Lab Sample ID: LCS 410-572841/2-A — **Client Sample ID: Lab Control Sample**
Matrix: Solid — **Prep Type: Total/NA**
Analysis Batch: 573280 — **Prep Batch: 572841**

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Cr (VI)	5.00	4.65		mg/Kg		93	80 - 120

Method: 7196A - Chromium, Hexavalent

Lab Sample ID: LCSI 410-572841/3-A
Matrix: Solid
Analysis Batch: 573280

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 572841

Analyte	Spike Added	LCSI Result	LCSI Qualifier	Unit	D	%Rec	%Rec Limits
Cr (VI)	843	729		mg/Kg		86	80 - 120

Lab Sample ID: 240-213860-2 MSI
Matrix: Solid
Analysis Batch: 573280

Client Sample ID: T2-0-N-0.0
Prep Type: Total/NA
Prep Batch: 572841

Analyte	Sample Result	Sample Qualifier	Spike Added	MSI Result	MSI Qualifier	Unit	D	%Rec	%Rec Limits
Cr (VI)	ND	F1	956	608	F1	mg/Kg	☼	64	75 - 125

Lab Sample ID: 240-213860-2 MSS
Matrix: Solid
Analysis Batch: 573280

Client Sample ID: T2-0-N-0.0
Prep Type: Total/NA
Prep Batch: 572841

Analyte	Sample Result	Sample Qualifier	Spike Added	MSS Result	MSS Qualifier	Unit	D	%Rec	%Rec Limits
Cr (VI)	ND	F1	57.7	2.32	F1	mg/Kg	☼	4	75 - 125

Lab Sample ID: 240-213860-2 DU
Matrix: Solid
Analysis Batch: 573280

Client Sample ID: T2-0-N-0.0
Prep Type: Total/NA
Prep Batch: 572841

Analyte	Sample Result	Sample Qualifier	DU Result	DU Qualifier	Unit	D	RPD	RPD Limit
Cr (VI)	ND	F1	ND		mg/Kg	☼	NC	20

Method: 9012B - Cyanide, Total andor Amenable

Lab Sample ID: MB 240-634135/1-A
Matrix: Solid
Analysis Batch: 634230

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 634135

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cyanide, Total	ND		0.43	0.34	mg/Kg		11/06/24 09:13	11/06/24 11:24	1

Lab Sample ID: LCS 240-634135/2-A
Matrix: Solid
Analysis Batch: 634230

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 634135

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Cyanide, Total	8.18	7.60		mg/Kg		93	65 - 128

Lab Sample ID: 240-213860-2 MS
Matrix: Solid
Analysis Batch: 634230

Client Sample ID: T2-0-N-0.0
Prep Type: Total/NA
Prep Batch: 634135

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Cyanide, Total	230		1.39	239	4	mg/Kg	☼	726	24 - 140

Method: 9012B - Cyanide, Total andor Amenable (Continued)

Lab Sample ID: 240-213860-2 MSD
Matrix: Solid
Analysis Batch: 634230

Client Sample ID: T2-0-N-0.0
Prep Type: Total/NA
Prep Batch: 634135

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Cyanide, Total	230		1.44	255	4	mg/Kg	☼	1771	24 - 140	6	40

Lab Sample ID: MB 240-634212/1-A
Matrix: Solid
Analysis Batch: 634428

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 634212

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cyanide, Total	ND		0.60	0.47	mg/Kg		11/06/24 12:58	11/07/24 14:29	1

Lab Sample ID: LCS 240-634212/2-A
Matrix: Solid
Analysis Batch: 634428

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 634212

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Cyanide, Total	9.34	9.15		mg/Kg		98	65 - 128

Lab Sample ID: 240-213860-5 MS
Matrix: Solid
Analysis Batch: 634428

Client Sample ID: T2-0-N-2.0
Prep Type: Total/NA
Prep Batch: 634212

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Cyanide, Total	1.1	F1 F2	1.19	5.05	F1	mg/Kg	☼	332	24 - 140

Lab Sample ID: 240-213860-5 MSD
Matrix: Solid
Analysis Batch: 634428

Client Sample ID: T2-0-N-2.0
Prep Type: Total/NA
Prep Batch: 634212

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Cyanide, Total	1.1	F1 F2	1.19	13.6	F1 F2	mg/Kg	☼	1050	24 - 140	91	40

Lab Sample ID: MRL 240-634230/10
Matrix: Solid
Analysis Batch: 634230

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	MRL Result	MRL Qualifier	Unit	D	%Rec	%Rec Limits
Cyanide, Total	0.0100	0.0101		mg/L		101	70 - 130

Lab Sample ID: MRL 240-634428/10
Matrix: Solid
Analysis Batch: 634428

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	MRL Result	MRL Qualifier	Unit	D	%Rec	%Rec Limits
Cyanide, Total	0.0100	0.0125		mg/L		125	70 - 130

Method: Moisture - Percent Moisture

Lab Sample ID: 240-213860-2 DU
Matrix: Solid
Analysis Batch: 632964

Client Sample ID: T2-0-N-0.0
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	DU Result	DU Qualifier	Unit	D	RPD	RPD Limit
Percent Solids	69.3		78.1		%		12	20
Percent Moisture	30.7		21.9	F3	%		33	20

Method: OIA-1677 - Cyanide, Free (Flow Injection)

Lab Sample ID: MB 410-574303/17
Matrix: Solid
Analysis Batch: 574303

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cyanide, Free	ND		0.0060	0.0050	mg/L			11/12/24 13:05	1

Lab Sample ID: MB 410-574303/33
Matrix: Solid
Analysis Batch: 574303

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cyanide, Free	ND		0.0060	0.0050	mg/L			11/12/24 13:45	1

Lab Sample ID: LCS 410-574303/32
Matrix: Solid
Analysis Batch: 574303

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Cyanide, Free	0.0500	0.0496		mg/L		99	82 - 132

Lab Sample ID: MB 410-574307/21
Matrix: Solid
Analysis Batch: 574307

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cyanide, Free	ND		0.0060	0.0050	mg/L			11/12/24 19:59	1

Lab Sample ID: LCS 410-574307/20
Matrix: Solid
Analysis Batch: 574307

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Cyanide, Free	0.0500	0.0468		mg/L		94	82 - 132

Lab Sample ID: 240-213860-2 MS
Matrix: Solid
Analysis Batch: 574307

Client Sample ID: T2-0-N-0.0
Prep Type: ASTM Leach

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Cyanide, Free	0.036		0.0500	0.0812		mg/L		91	82 - 130

Client: August Mack Environmental, Inc.
Project/Site: MSC Canfield - N. Ditch Sampling

Job ID: 240-213860-1

Method: OIA-1677 - Cyanide, Free (Flow Injection) (Continued)

Lab Sample ID: 240-213860-2 MSD
Matrix: Solid
Analysis Batch: 574307

Client Sample ID: T2-0-N-0.0
Prep Type: ASTM Leach

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Cyanide, Free	0.036		0.0500	0.0791		mg/L		86	82 - 130	3	11

GC/MS VOA

Analysis Batch: 633742

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
240-213860-7	TB-14-20241028	Total/NA	Water	8260D	
MB 240-633742/7	Method Blank	Total/NA	Water	8260D	
LCS 240-633742/4	Lab Control Sample	Total/NA	Water	8260D	

GC/MS Semi VOA

Prep Batch: 633302

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
240-213860-1	T2-100-S-2.0	Total/NA	Solid	3546	
240-213860-2	T2-0-N-0.0	Total/NA	Solid	3546	
240-213860-3	T2-0-S-0.0	Total/NA	Solid	3546	
240-213860-4	DUP-7-20241028	Total/NA	Solid	3546	
240-213860-5	T2-0-N-2.0	Total/NA	Solid	3546	
240-213860-6	T2-0-S-2.0	Total/NA	Solid	3546	
MB 240-633302/1-A	Method Blank	Total/NA	Solid	3546	
LCS 240-633302/2-A	Lab Control Sample	Total/NA	Solid	3546	
240-213860-2 MS	T2-0-N-0.0	Total/NA	Solid	3546	
240-213860-2 MSD	T2-0-N-0.0	Total/NA	Solid	3546	

Analysis Batch: 633486

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
240-213860-1	T2-100-S-2.0	Total/NA	Solid	8270E	633302
240-213860-2	T2-0-N-0.0	Total/NA	Solid	8270E	633302
240-213860-3	T2-0-S-0.0	Total/NA	Solid	8270E	633302
240-213860-4	DUP-7-20241028	Total/NA	Solid	8270E	633302
240-213860-5	T2-0-N-2.0	Total/NA	Solid	8270E	633302
240-213860-6	T2-0-S-2.0	Total/NA	Solid	8270E	633302
MB 240-633302/1-A	Method Blank	Total/NA	Solid	8270E	633302
LCS 240-633302/2-A	Lab Control Sample	Total/NA	Solid	8270E	633302
240-213860-2 MS	T2-0-N-0.0	Total/NA	Solid	8270E	633302
240-213860-2 MSD	T2-0-N-0.0	Total/NA	Solid	8270E	633302

Metals

Prep Batch: 633191

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
240-213860-1	T2-100-S-2.0	Total/NA	Solid	3050B	
240-213860-2	T2-0-N-0.0	Total/NA	Solid	3050B	
240-213860-3	T2-0-S-0.0	Total/NA	Solid	3050B	
240-213860-4	DUP-7-20241028	Total/NA	Solid	3050B	
240-213860-5	T2-0-N-2.0	Total/NA	Solid	3050B	
240-213860-6	T2-0-S-2.0	Total/NA	Solid	3050B	
MB 240-633191/1-A	Method Blank	Total/NA	Solid	3050B	
LCS 240-633191/2-A	Lab Control Sample	Total/NA	Solid	3050B	
240-213860-2 MS	T2-0-N-0.0	Total/NA	Solid	3050B	
240-213860-2 MSD	T2-0-N-0.0	Total/NA	Solid	3050B	

Prep Batch: 633193

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
240-213860-1	T2-100-S-2.0	Total/NA	Solid	7471B	
240-213860-2	T2-0-N-0.0	Total/NA	Solid	7471B	
240-213860-3	T2-0-S-0.0	Total/NA	Solid	7471B	

Metals (Continued)

Prep Batch: 633193 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
240-213860-4	DUP-7-20241028	Total/NA	Solid	7471B	
240-213860-5	T2-0-N-2.0	Total/NA	Solid	7471B	
240-213860-6	T2-0-S-2.0	Total/NA	Solid	7471B	
MB 240-633193/1-A	Method Blank	Total/NA	Solid	7471B	
LCS 240-633193/2-A	Lab Control Sample	Total/NA	Solid	7471B	
240-213860-2 MS	T2-0-N-0.0	Total/NA	Solid	7471B	
240-213860-2 MSD	T2-0-N-0.0	Total/NA	Solid	7471B	

Analysis Batch: 633354

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
240-213860-1	T2-100-S-2.0	Total/NA	Solid	7471B	633193
240-213860-2	T2-0-N-0.0	Total/NA	Solid	7471B	633193
240-213860-3	T2-0-S-0.0	Total/NA	Solid	7471B	633193
240-213860-4	DUP-7-20241028	Total/NA	Solid	7471B	633193
240-213860-5	T2-0-N-2.0	Total/NA	Solid	7471B	633193
240-213860-6	T2-0-S-2.0	Total/NA	Solid	7471B	633193
MB 240-633193/1-A	Method Blank	Total/NA	Solid	7471B	633193
LCS 240-633193/2-A	Lab Control Sample	Total/NA	Solid	7471B	633193
240-213860-2 MS	T2-0-N-0.0	Total/NA	Solid	7471B	633193
240-213860-2 MSD	T2-0-N-0.0	Total/NA	Solid	7471B	633193

Analysis Batch: 633440

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
240-213860-1	T2-100-S-2.0	Total/NA	Solid	6010D	633191
240-213860-2	T2-0-N-0.0	Total/NA	Solid	6010D	633191
240-213860-3	T2-0-S-0.0	Total/NA	Solid	6010D	633191
240-213860-4	DUP-7-20241028	Total/NA	Solid	6010D	633191
240-213860-5	T2-0-N-2.0	Total/NA	Solid	6010D	633191
240-213860-6	T2-0-S-2.0	Total/NA	Solid	6010D	633191
MB 240-633191/1-A	Method Blank	Total/NA	Solid	6010D	633191
LCS 240-633191/2-A	Lab Control Sample	Total/NA	Solid	6010D	633191
240-213860-2 MS	T2-0-N-0.0	Total/NA	Solid	6010D	633191
240-213860-2 MSD	T2-0-N-0.0	Total/NA	Solid	6010D	633191

General Chemistry

Leach Batch: 572355

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
240-213860-1	T2-100-S-2.0	ASTM Leach	Solid	D3987-85	
240-213860-2	T2-0-N-0.0	ASTM Leach	Solid	D3987-85	
240-213860-3	T2-0-S-0.0	ASTM Leach	Solid	D3987-85	
240-213860-4	DUP-7-20241028	ASTM Leach	Solid	D3987-85	
240-213860-5	T2-0-N-2.0	ASTM Leach	Solid	D3987-85	
240-213860-6	T2-0-S-2.0	ASTM Leach	Solid	D3987-85	
240-213860-2 MS	T2-0-N-0.0	ASTM Leach	Solid	D3987-85	
240-213860-2 MSD	T2-0-N-0.0	ASTM Leach	Solid	D3987-85	

Prep Batch: 572841

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
240-213860-1	T2-100-S-2.0	Total/NA	Solid	3060A	
240-213860-2	T2-0-N-0.0	Total/NA	Solid	3060A	

General Chemistry (Continued)

Prep Batch: 572841 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
240-213860-3	T2-0-S-0.0	Total/NA	Solid	3060A	
240-213860-4	DUP-7-20241028	Total/NA	Solid	3060A	
240-213860-5	T2-0-N-2.0	Total/NA	Solid	3060A	
240-213860-6	T2-0-S-2.0	Total/NA	Solid	3060A	
MB 410-572841/1-A	Method Blank	Total/NA	Solid	3060A	
LCS 410-572841/2-A	Lab Control Sample	Total/NA	Solid	3060A	
LCSI 410-572841/3-A	Lab Control Sample	Total/NA	Solid	3060A	
240-213860-2 MSI	T2-0-N-0.0	Total/NA	Solid	3060A	
240-213860-2 MSS	T2-0-N-0.0	Total/NA	Solid	3060A	
240-213860-2 DU	T2-0-N-0.0	Total/NA	Solid	3060A	

Analysis Batch: 573280

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
240-213860-1	T2-100-S-2.0	Total/NA	Solid	7196A	572841
240-213860-2	T2-0-N-0.0	Total/NA	Solid	7196A	572841
240-213860-3	T2-0-S-0.0	Total/NA	Solid	7196A	572841
240-213860-4	DUP-7-20241028	Total/NA	Solid	7196A	572841
240-213860-5	T2-0-N-2.0	Total/NA	Solid	7196A	572841
240-213860-6	T2-0-S-2.0	Total/NA	Solid	7196A	572841
MB 410-572841/1-A	Method Blank	Total/NA	Solid	7196A	572841
LCS 410-572841/2-A	Lab Control Sample	Total/NA	Solid	7196A	572841
LCSI 410-572841/3-A	Lab Control Sample	Total/NA	Solid	7196A	572841
240-213860-2 MSI	T2-0-N-0.0	Total/NA	Solid	7196A	572841
240-213860-2 MSS	T2-0-N-0.0	Total/NA	Solid	7196A	572841
240-213860-2 DU	T2-0-N-0.0	Total/NA	Solid	7196A	572841

Analysis Batch: 574303

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
240-213860-1	T2-100-S-2.0	ASTM Leach	Solid	OIA-1677	572355
240-213860-3	T2-0-S-0.0	ASTM Leach	Solid	OIA-1677	572355
240-213860-5	T2-0-N-2.0	ASTM Leach	Solid	OIA-1677	572355
MB 410-574303/17	Method Blank	Total/NA	Solid	OIA-1677	
MB 410-574303/33	Method Blank	Total/NA	Solid	OIA-1677	
LCS 410-574303/32	Lab Control Sample	Total/NA	Solid	OIA-1677	

Analysis Batch: 574307

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
240-213860-2	T2-0-N-0.0	ASTM Leach	Solid	OIA-1677	572355
240-213860-4	DUP-7-20241028	ASTM Leach	Solid	OIA-1677	572355
240-213860-6	T2-0-S-2.0	ASTM Leach	Solid	OIA-1677	572355
MB 410-574307/21	Method Blank	Total/NA	Solid	OIA-1677	
LCS 410-574307/20	Lab Control Sample	Total/NA	Solid	OIA-1677	
240-213860-2 MS	T2-0-N-0.0	ASTM Leach	Solid	OIA-1677	572355
240-213860-2 MSD	T2-0-N-0.0	ASTM Leach	Solid	OIA-1677	572355

Analysis Batch: 632964

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
240-213860-1	T2-100-S-2.0	Total/NA	Solid	Moisture	
240-213860-2	T2-0-N-0.0	Total/NA	Solid	Moisture	
240-213860-3	T2-0-S-0.0	Total/NA	Solid	Moisture	
240-213860-4	DUP-7-20241028	Total/NA	Solid	Moisture	

General Chemistry (Continued)

Analysis Batch: 632964 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
240-213860-5	T2-0-N-2.0	Total/NA	Solid	Moisture	
240-213860-6	T2-0-S-2.0	Total/NA	Solid	Moisture	
240-213860-2 DU	T2-0-N-0.0	Total/NA	Solid	Moisture	

Prep Batch: 634135

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
240-213860-1	T2-100-S-2.0	Total/NA	Solid	9012B	
240-213860-2	T2-0-N-0.0	Total/NA	Solid	9012B	
240-213860-3	T2-0-S-0.0	Total/NA	Solid	9012B	
240-213860-4	DUP-7-20241028	Total/NA	Solid	9012B	
MB 240-634135/1-A	Method Blank	Total/NA	Solid	9012B	
LCS 240-634135/2-A	Lab Control Sample	Total/NA	Solid	9012B	
240-213860-2 MS	T2-0-N-0.0	Total/NA	Solid	9012B	
240-213860-2 MSD	T2-0-N-0.0	Total/NA	Solid	9012B	

Prep Batch: 634212

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
240-213860-5	T2-0-N-2.0	Total/NA	Solid	9012B	
240-213860-6	T2-0-S-2.0	Total/NA	Solid	9012B	
MB 240-634212/1-A	Method Blank	Total/NA	Solid	9012B	
LCS 240-634212/2-A	Lab Control Sample	Total/NA	Solid	9012B	
240-213860-5 MS	T2-0-N-2.0	Total/NA	Solid	9012B	
240-213860-5 MSD	T2-0-N-2.0	Total/NA	Solid	9012B	

Analysis Batch: 634230

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
240-213860-1	T2-100-S-2.0	Total/NA	Solid	9012B	634135
240-213860-2	T2-0-N-0.0	Total/NA	Solid	9012B	634135
240-213860-3	T2-0-S-0.0	Total/NA	Solid	9012B	634135
240-213860-4	DUP-7-20241028	Total/NA	Solid	9012B	634135
MB 240-634135/1-A	Method Blank	Total/NA	Solid	9012B	634135
LCS 240-634135/2-A	Lab Control Sample	Total/NA	Solid	9012B	634135
MRL 240-634230/10	Lab Control Sample	Total/NA	Solid	9012B	
240-213860-2 MS	T2-0-N-0.0	Total/NA	Solid	9012B	634135
240-213860-2 MSD	T2-0-N-0.0	Total/NA	Solid	9012B	634135

Analysis Batch: 634428

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
240-213860-5	T2-0-N-2.0	Total/NA	Solid	9012B	634212
240-213860-6	T2-0-S-2.0	Total/NA	Solid	9012B	634212
MB 240-634212/1-A	Method Blank	Total/NA	Solid	9012B	634212
LCS 240-634212/2-A	Lab Control Sample	Total/NA	Solid	9012B	634212
MRL 240-634428/10	Lab Control Sample	Total/NA	Solid	9012B	
240-213860-5 MS	T2-0-N-2.0	Total/NA	Solid	9012B	634212
240-213860-5 MSD	T2-0-N-2.0	Total/NA	Solid	9012B	634212

Lab Chronicle

Client: August Mack Environmental, Inc.
Job ID: 240-213860-1
Project/Site: MSC Canfield - N. Ditch Sampling

Client Sample ID: T2-100-S-2.0
Lab Sample ID: 240-213860-1
Date Collected: 10/28/24 09:05
Matrix: Solid
Date Received: 10/28/24 15:52

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	Moisture		1	632964	GZF4	EET CLE	10/29/24 14:34
ASTM Leach	Leach	D3987-85			572355	UNWS	ELLE	11/07/24 04:20 - 11/08/24 10:06 [1]
ASTM Leach	Analysis	OIA-1677		1	574303	UJE2	ELLE	11/12/24 14:05

Client Sample ID: T2-100-S-2.0
Lab Sample ID: 240-213860-1
Date Collected: 10/28/24 09:05
Matrix: Solid
Date Received: 10/28/24 15:52
Percent Solids: 79.7

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	3546			633302	L6TL	EET CLE	10/31/24 09:32
Total/NA	Analysis	8270E		1	633486	JMG	EET CLE	11/01/24 14:48
Total/NA	Prep	3050B			633191	DEE	EET CLE	10/30/24 15:00
Total/NA	Analysis	6010D		1	633440	RKT	EET CLE	11/01/24 02:06
Total/NA	Prep	7471B			633193	DEE	EET CLE	10/30/24 15:00
Total/NA	Analysis	7471B		1	633354	S4FJ	EET CLE	10/31/24 08:57
Total/NA	Prep	3060A			572841	W2JF	ELLE	11/08/24 09:24
Total/NA	Analysis	7196A		1	573280	UDS7	ELLE	11/10/24 06:14
Total/NA	Prep	9012B			634135	C5SV	EET CLE	11/06/24 09:13
Total/NA	Analysis	9012B		1	634230	BLW	EET CLE	11/06/24 12:35

Client Sample ID: T2-0-N-0.0
Lab Sample ID: 240-213860-2
Date Collected: 10/28/24 10:05
Matrix: Solid
Date Received: 10/28/24 15:52

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	Moisture		1	632964	GZF4	EET CLE	10/29/24 14:43
ASTM Leach	Leach	D3987-85			572355	UNWS	ELLE	11/07/24 04:20 - 11/08/24 10:06 [1]
ASTM Leach	Analysis	OIA-1677		1	574307	UJE2	ELLE	11/12/24 20:02

Client Sample ID: T2-0-N-0.0
Lab Sample ID: 240-213860-2
Date Collected: 10/28/24 10:05
Matrix: Solid
Date Received: 10/28/24 15:52
Percent Solids: 69.3

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	3546			633302	L6TL	EET CLE	10/31/24 09:32
Total/NA	Analysis	8270E		1	633486	JMG	EET CLE	11/01/24 17:38
Total/NA	Prep	3050B			633191	DEE	EET CLE	10/30/24 15:00
Total/NA	Analysis	6010D		1	633440	RKT	EET CLE	11/01/24 01:36
Total/NA	Prep	7471B			633193	DEE	EET CLE	10/30/24 15:00
Total/NA	Analysis	7471B		1	633354	S4FJ	EET CLE	10/31/24 08:52
Total/NA	Prep	3060A			572841	W2JF	ELLE	11/08/24 09:24
Total/NA	Analysis	7196A		1	573280	UDS7	ELLE	11/10/24 06:14
Total/NA	Prep	9012B			634135	C5SV	EET CLE	11/06/24 09:13
Total/NA	Analysis	9012B		25	634230	BLW	EET CLE	11/06/24 12:12

Client Sample ID: T2-0-S-0.0 — **Lab Sample ID: 240-213860-3**
Date Collected: 10/28/24 10:40 — **Matrix: Solid**
Date Received: 10/28/24 15:52

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	Moisture		1	632964	GZF4	EET CLE	10/29/24 14:36
ASTM Leach	Leach	D3987-85			572355	UNWS	ELLE	11/07/24 04:20 - 11/08/24 10:06 [1]
ASTM Leach	Analysis	OIA-1677		1	574303	UJE2	ELLE	11/12/24 14:03

Client Sample ID: T2-0-S-0.0 — **Lab Sample ID: 240-213860-3**
Date Collected: 10/28/24 10:40 — **Matrix: Solid**
Date Received: 10/28/24 15:52 — **Percent Solids: 79.6**

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	3546			633302	L6TL	EET CLE	10/31/24 09:32
Total/NA	Analysis	8270E		1	633486	JMG	EET CLE	11/01/24 16:50
Total/NA	Prep	3050B			633191	DEE	EET CLE	10/30/24 15:00
Total/NA	Analysis	6010D		1	633440	RKT	EET CLE	11/01/24 02:10
Total/NA	Prep	7471B			633193	DEE	EET CLE	10/30/24 15:00
Total/NA	Analysis	7471B		1	633354	S4FJ	EET CLE	10/31/24 08:59
Total/NA	Prep	3060A			572841	W2JF	ELLE	11/08/24 09:24
Total/NA	Analysis	7196A		1	573280	UDS7	ELLE	11/10/24 06:14
Total/NA	Prep	9012B			634135	C5SV	EET CLE	11/06/24 09:13
Total/NA	Analysis	9012B		1	634230	BLW	EET CLE	11/06/24 13:04

Client Sample ID: DUP-7-20241028 — **Lab Sample ID: 240-213860-4**
Date Collected: 10/28/24 00:00 — **Matrix: Solid**
Date Received: 10/28/24 15:52

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	Moisture		1	632964	GZF4	EET CLE	10/29/24 14:38
ASTM Leach	Leach	D3987-85			572355	UNWS	ELLE	11/07/24 04:20 - 11/08/24 10:06 [1]
ASTM Leach	Analysis	OIA-1677		1	574307	UJE2	ELLE	11/12/24 20:09

Client Sample ID: DUP-7-20241028 — **Lab Sample ID: 240-213860-4**
Date Collected: 10/28/24 00:00 — **Matrix: Solid**
Date Received: 10/28/24 15:52 — **Percent Solids: 79.5**

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	3546			633302	L6TL	EET CLE	10/31/24 09:32
Total/NA	Analysis	8270E		1	633486	JMG	EET CLE	11/01/24 17:14
Total/NA	Prep	3050B			633191	DEE	EET CLE	10/30/24 15:00
Total/NA	Analysis	6010D		1	633440	RKT	EET CLE	11/01/24 02:14
Total/NA	Prep	7471B			633193	DEE	EET CLE	10/30/24 15:00
Total/NA	Analysis	7471B		1	633354	S4FJ	EET CLE	10/31/24 09:01
Total/NA	Prep	3060A			572841	W2JF	ELLE	11/08/24 09:24
Total/NA	Analysis	7196A		1	573280	UDS7	ELLE	11/10/24 06:14
Total/NA	Prep	9012B			634135	C5SV	EET CLE	11/06/24 09:13
Total/NA	Analysis	9012B		5	634230	BLW	EET CLE	11/06/24 13:40

Client Sample ID: T2-0-N-2.0 — **Lab Sample ID: 240-213860-5**
Date Collected: 10/28/24 11:15 — **Matrix: Solid**
Date Received: 10/28/24 15:52

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	Moisture		1	632964	GZF4	EET CLE	10/29/24 14:40
ASTM Leach	Leach	D3987-85			572355	UNWS	ELLE	11/07/24 04:20 - 11/08/24 10:06 [1]
ASTM Leach	Analysis	OIA-1677		1	574303	UJE2	ELLE	11/12/24 13:15

Client Sample ID: T2-0-N-2.0 — **Lab Sample ID: 240-213860-5**
Date Collected: 10/28/24 11:15 — **Matrix: Solid**
Date Received: 10/28/24 15:52 — **Percent Solids: 77.9**

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	3546			633302	L6TL	EET CLE	10/31/24 09:32
Total/NA	Analysis	8270E		1	633486	JMG	EET CLE	11/01/24 20:53
Total/NA	Prep	3050B			633191	DEE	EET CLE	10/30/24 15:00
Total/NA	Analysis	6010D		1	633440	RKT	EET CLE	11/01/24 02:19
Total/NA	Prep	7471B			633193	DEE	EET CLE	10/30/24 15:00
Total/NA	Analysis	7471B		1	633354	S4FJ	EET CLE	10/31/24 09:02
Total/NA	Prep	3060A			572841	W2JF	ELLE	11/08/24 09:24
Total/NA	Analysis	7196A		1	573280	UDS7	ELLE	11/10/24 06:14
Total/NA	Prep	9012B			634212	C5SV	EET CLE	11/06/24 12:58
Total/NA	Analysis	9012B		1	634428	C5SV	EET CLE	11/07/24 14:33

Client Sample ID: T2-0-S-2.0 — **Lab Sample ID: 240-213860-6**
Date Collected: 10/28/24 11:55 — **Matrix: Solid**
Date Received: 10/28/24 15:52

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	Moisture		1	632964	GZF4	EET CLE	10/29/24 14:45
ASTM Leach	Leach	D3987-85			572355	UNWS	ELLE	11/07/24 04:20 - 11/08/24 10:06 [1]
ASTM Leach	Analysis	OIA-1677		1	574307	UJE2	ELLE	11/12/24 19:49

Client Sample ID: T2-0-S-2.0 — **Lab Sample ID: 240-213860-6**
Date Collected: 10/28/24 11:55 — **Matrix: Solid**
Date Received: 10/28/24 15:52 — **Percent Solids: 84.6**

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	3546			633302	L6TL	EET CLE	10/31/24 09:32
Total/NA	Analysis	8270E		1	633486	JMG	EET CLE	11/01/24 21:18
Total/NA	Prep	3050B			633191	DEE	EET CLE	10/30/24 15:00
Total/NA	Analysis	6010D		1	633440	RKT	EET CLE	11/01/24 02:23
Total/NA	Prep	7471B			633193	DEE	EET CLE	10/30/24 15:00
Total/NA	Analysis	7471B		1	633354	S4FJ	EET CLE	10/31/24 09:07
Total/NA	Prep	3060A			572841	W2JF	ELLE	11/08/24 09:24
Total/NA	Analysis	7196A		1	573280	UDS7	ELLE	11/10/24 06:14
Total/NA	Prep	9012B			634212	C5SV	EET CLE	11/06/24 12:58
Total/NA	Analysis	9012B		1	634428	C5SV	EET CLE	11/07/24 14:38

Lab Chronicle

Client: August Mack Environmental, Inc.
Job ID: 240-213860-1
Project/Site: MSC Canfield - N. Ditch Sampling

Client Sample ID: TB-14-20241028
Lab Sample ID: 240-213860-7
Date Collected: 10/28/24 00:00
Matrix: Water
Date Received: 10/28/24 15:52

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260D		1	633742	LEE	EET CLE	11/04/24 18:09

[1] This procedure uses a method stipulated length of time for the process. Both start and end times are displayed.

Laboratory References:

EET CLE = Eurofins Cleveland, 180 S. Van Buren Avenue, Barberton, OH 44203, TEL (330)497-9396

ELLE = Eurofins Lancaster Laboratories Environment Testing, LLC, 2425 New Holland Pike, Lancaster, PA 17601, TEL (717)656-2300

Accreditation/Certification Summary

Client: August Mack Environmental, Inc. Job ID: 240-213860-1
Project/Site: MSC Canfield - N. Ditch Sampling

Laboratory: Eurofins Cleveland

All accreditations/certifications held by this laboratory are listed. Not all accreditations/certifications are applicable to this report.

Authority	Program	Identification Number	Expiration Date
California	State	2927	02-28-25
Connecticut	State	PH-0806	12-31-26
Georgia	State	4062	02-27-25
Illinois	NELAP	200004	08-31-25
Iowa	State	421	06-01-25
Kentucky (UST)	State	112225	02-27-25
Kentucky (WW)	State	KY98016	12-30-24
Minnesota	NELAP	039-999-348	12-31-24
New Hampshire	NELAP	225024	09-30-25
New Jersey	NELAP	OH001	07-03-25
New York	NELAP	10975	04-02-25
Ohio VAP	State	ORELAP 4062	02-27-25
Oregon	NELAP	4062	02-27-25
Pennsylvania	NELAP	68-00340	08-31-25
Texas	NELAP	T104704517-22-19	08-31-25
USDA	US Federal Programs	P330-18-00281	01-05-27
Virginia	NELAP	460175	09-14-25
West Virginia DEP	State	210	12-31-24

Laboratory: Eurofins Lancaster Laboratories Environment Testing, LLC

All accreditations/certifications held by this laboratory are listed. Not all accreditations/certifications are applicable to this report.

Authority	Program	Identification Number	Expiration Date
A2LA	Dept. of Defense ELAP	0001.01	11-30-26
A2LA	Dept. of Energy	0001.01	11-30-26
A2LA	ISO/IEC 17025	0001.01	11-30-26
Alabama	State	43200	01-31-25
Alaska	State	PA00009	06-30-25
Alaska (UST)	State	17-027	02-28-25
Arizona	State	AZ0780	03-12-25
Arkansas DEQ	State	88-00660	08-09-25
California	State	2792	11-30-24
Colorado	State	PA00009	06-30-25
Connecticut	State	PH-0746	06-30-25
DE Haz. Subst. Cleanup Act (HSCA)	State	019-006 (PA cert)	01-31-25
Delaware (DW)	State	N/A	01-31-25
Florida	NELAP	E87997	06-30-25
Georgia (DW)	State	C048	01-31-25
Hawaii	State	N/A	01-31-25
Illinois	NELAP	200027	01-31-25
Iowa	State	361	03-01-26
Kansas	NELAP	E-10151	10-31-25
Kentucky (DW)	State	KY90088	12-31-24
Kentucky (UST)	State	0001.01	11-30-26
Kentucky (WW)	State	KY90088	12-31-24
Louisiana (All)	NELAP	02055	06-30-25
Maine	State	2019012	03-12-25
Maryland	State	100	06-30-25
Massachusetts	State	M-PA009	06-30-25
Michigan	State	9930	01-31-25

Accreditation/Certification Summary

Client: August Mack Environmental, Inc. Job ID: 240-213860-1
Project/Site: MSC Canfield - N. Ditch Sampling

Laboratory: Eurofins Lancaster Laboratories Environment Testing, LLC (Continued)

All accreditations/certifications held by this laboratory are listed. Not all accreditations/certifications are applicable to this report.

Authority	Program	Identification Number	Expiration Date
Minnesota	NELAP	042-999-487	12-31-24
Mississippi	State	023	01-31-25
Missouri	State	450	01-31-25
Montana (DW)	State	0098	01-01-25
Nebraska	State	NE-OS-32-17	01-31-25
New Hampshire	NELAP	2730	01-10-25
New Jersey	NELAP	PA011	06-30-25
New York	NELAP	10670	04-01-25
North Carolina (DW)	State	42705	07-31-25
North Carolina (WW/SW)	State	521	12-31-25
North Dakota	State	R-205	01-31-24 *
Oklahoma	NELAP	9804	08-31-24 *
Oregon	NELAP	PA200001	09-11-25
Pennsylvania	NELAP	36-00037	01-31-25
Quebec Ministry of Environment and Fight against Climate Change	PALA	507	09-16-29
Rhode Island	State	LAO00338	12-30-24
South Carolina	State	89002	01-31-25
Tennessee	State	02838	01-31-25
Texas	NELAP	T104704194-23-46	08-31-25
USDA	US Federal Programs	525-22-298-19481	10-25-25
Vermont	State	VT - 36037	10-28-25
Virginia	NELAP	460182	06-14-25
Washington	State	C457	04-11-25
West Virginia (DW)	State	9906 C	01-31-25
West Virginia DEP	State	055	07-31-25
Wyoming	State	8TMS-L	01-31-25
Wyoming (UST)	A2LA	0001.01	11-30-26

* Accreditation/Certification renewal pending - accreditation/certification considered valid.

2.4.25

Eurofins Cleveland
180 S. Van Buren Avenue
Barberton, OH 44203
Phone (330) 497-9396 Phone (330) 497-0772

Chain of Custody Record

eurofins | Environment Testing

Client Information	Sampler: Elisabeth Webber	Lab PM: Kalis, Nicole A	Carrier Tracking No(s):	COC No: 240-124901-43556.4
Client Contact: Kain Lager-Lowe	Phone:	E-Mail: Nicole.Kalis@et.eurofinsus.com	State of Origin: OH	Page: Page 4 of 12
Company: August Mack Environmental, Inc.	PWSID:	Analysis Requested		Job #: 5Y2380.381
Address: 7830 North Central Drive, Suite B	Due Date Requested:			Preservation Codes: N - None; A - HCL; B - NaOH; D - HNO3
City: Lewis Center	TAT Requested (days): Standard TAT			
State, Zip: OH, 43035	Compliance Project: Δ Yes Δ No			
Phone: 740-548-1515(Tel)	PO #:			
Email: klagerlowe@augustmack.com	WO #:			
Project Name: MSC Canfield ~~Soil/Surface Water~~ N Ditch Sampling	Project #: DO NOT DELETE - 24033889			Other:
Site:	SSOW#:			

Sample Identification	Sample Date	Sample Time	Sample Type (C=comp, G=grab)	Matrix (W=water, S=solid, O=waste/oil, BT=Tissue, A=Air)	Field Filtered Sample (Yes or No)	Perform MS/MSD (Yes or No)	8260D - VOCs	8270E - SVOCs - PAH ONLY	8082A - PCBs	6010D, 7471B - RCRA 8, Cu & Zn	9012B - Total Cyanide	7196A - Hexavalent Chromium	1677 - Free Cyanide						Total Number of containers	Special Instructions/Note:
			Preservation Code:				N	N	N	N	N	N	N							
T2-100-S-2.0	10-28-24	0905	G	Solid	N	N		X		X	X	X	X						5	
T2-0-N-0.0	10-28-24	1005	G	Solid	N	Y		X		X	X	X	X						15	MS/MSD
T2-0-S-0.0	10-28-24	1040	G	Solid	N	N		X		X	X	X	X						5	
DUP-T-20241028	10-28-24	—	G	Solid	N	N		X		X	X	X	X						5	
T2-0-N-2.0	10-28-24	1115	G	Solid	N	N		X		X	X	X	X						5	
T2-0-S-2.0	10-28-24	1155	G	Solid	N	N		X		X	X	X	X						5	
				Solid																
				Solid																
				Solid																
				Solid																
				Solid																

240-213860 COC

Possible Hazard Identification
☐ Non-Hazard ☐ Flammable ☐ Skin Irritant ☐ Poison B ☐ Unknown ☐ Radiological

Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)
☐ Return To Client ☐ Disposal By Lab ☐ Archive For _____ Months

Deliverable Requested: I, II, III, IV, Other (specify)

Special Instructions/QC Requirements:

Empty Kit Relinquished by:	Date:	Time:	Method of Shipment:

	Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company
1	Elisabeth Webber	10-28-24 1448	AME		10-28-24 1448	EUR
2		10-28-24 1552	EUR	J MOROSCO	10/28/24 1552	EETM
3						

Custody Seals Intact: Δ Yes Δ No	Custody Seal No.:	Cooler Temperature(s) °C and Other Remarks:

Eurofins – Cleveland Sample Receipt Form/Narrative **Login # :** _____
Barberton Facility

Client AUGUST MACK Site Name _____ Cooler unpacked by: JMOROSKO

Cooler Received on 10/28/24 Opened on 10/29/24

FedEx. 1st Grd Exp UPS FAS Waypoint Client Drop Off Eurofins Courier Other _____

Receipt After-hours Drop-off Date/Time _____ Storage Location _____

Eurofins Cooler # EC Foam Box Client Cooler Box Other _____

Packing material used. Bubble Wrap Foam Plastic Bag None Other _____

COOLANT Wet Ice Blue Ice Dry Ice Water None

1 Cooler temperature upon receipt ☐ See Multiple Cooler Form

IR GUN # 17 (CF +0.1 °C) Observed Cooler Temp. 2.4 °C Corrected Cooler Temp 2.5 °C

2. Were tamper/custody seals on the outside of the cooler(s)? If Yes Quantity 1	Yes	No
-Were the seals on the outside of the cooler(s) signed & dated?	Yes	No NA
-Were tamper/custody seals on the bottle(s) or bottle kits (LLHg/MeHg)?	Yes	No
-Were tamper/custody seals intact and uncompromised?	Yes	No NA
3 Shippers' packing slip attached to the cooler(s)?	Yes	No
4. Did custody papers accompany the sample(s)?	Yes	No
5 Were the custody papers relinquished & signed in the appropriate place?	Yes	No
6. Was/were the person(s) who collected the samples clearly identified on the COC?	Yes	No
7 Did all bottles arrive in good condition (Unbroken)?	Yes	No
8 Could all bottle labels (ID/Date/Time) be reconciled with the COC?	Yes	No
9 For each sample, does the COC specify preservatives (Y/N), # of containers (Y/N), and sample type of grab/comp (Y/N)?		
10 Were correct bottle(s) used for the test(s) indicated?	Yes	No
11 Sufficient quantity received to perform indicated analyses?	Yes	No
12. Are these work share samples and all listed on the COC?	Yes	No
If yes, Questions 13-17 have been checked at the originating laboratory		
13 Were all preserved sample(s) at the correct pH upon receipt?	Yes	No NA pH Strip Lot# HC447997
14 Were VOAs on the COC?	Yes	No
15 Were air bubbles >6 mm in any VOA vials? ● ← Larger than this.	Yes	No NA
16. Was a VOA trip blank present in the cooler(s)? Trip Blank Lot # 163271	Yes	No
17 Was a LL Hg or Me Hg trip blank present? _____	Yes	No

Tests that are not checked for pH by Receiving:
VOAs
Oil and Grease
TOC

Contacted PM _____ Date _____ by _____ via Verbal Voice Mail Other

Concerning _____

18. CHAIN OF CUSTODY & SAMPLE DISCREPANCIES ☐ additional next page | Samples processed by:

Received TB not on COC. (JM)

19. SAMPLE CONDITION

Sample(s) _____ were received after the recommended holding time had expired.
Sample(s) _____ were received in a broken container
Sample(s) _____ were received with bubble >6 mm in diameter (Notify PM)

20. SAMPLE PRESERVATION

Sample(s) _____ were further preserved in the laboratory
Time preserved. _____ Preservative(s) added/Lot number(s): _____

VOA Sample Preservation - Date/Time VOAs Frozen _____

10/29/2024

Login Container Summary Report

240-213860

11/12/2024

Temperature readings _____

Client Sample ID	Lab ID	Container Type	Container pH	Container Temp	Preservation Added	Preservation Lot Number
T2-100-S-2 0	240-213860-A-1	SnapCap 1/2 ounce unpreserved				
T2-100-S-2.0	240-213860-B-1	Soil jar 4oz - clear glass				
T2-100-S-2.0	240-213860-C-1	Soil jar 4oz - clear glass				
T2-100-S-2.0	240-213860-D-1	Soil jar 4oz - clear glass				
T2-100-S-2 0	240-213860-E-1	Soil jar 4oz - clear glass				
T2-100-S-2 0	240-213860-F-1	Soil jar 4oz - clear glass				
T2-0-N-0 0	240-213860-A-2	SnapCap 1/2 ounce unpreserved				
T2-0-N-0 0	240-213860-A-2 DU	SnapCap 1/2 ounce unpreserved				
T2-0-N-0 0	240-213860-A-2 MS	Soil jar 4oz - clear glass				
T2-0-N-0 0	240-213860-A-2 MSD	Soil jar 4oz - clear glass				
T2-0-N-0 0	240-213860-A-2 MSI	Soil jar 4oz - clear glass				
T2-0-N-0 0	240-213860-A-2 MSS	Soil jar 4oz - clear glass				
T2-0-N-0 0	240-213860-B-2	Soil jar 4oz - clear glass				
T2-0-N-0 0	240-213860-B-2 DU	Soil jar 4oz - clear glass				
T2-0-N-0 0	240-213860-B-2 MS	Soil jar 4oz - clear glass				
T2-0-N-0 0	240-213860-B-2 MSD	Soil jar 4oz - clear glass				
T2-0-N-0.0	240-213860-C-2	Soil jar 4oz - clear glass				
T2-0-N-0 0	240-213860-C-2 MS	Soil jar 4oz - clear glass				
T2-0-N-0 0	240-213860-C-2 MSD	Soil jar 4oz - clear glass				
T2-0-N-0 0	240-213860-D-2	Soil jar 4oz - clear glass				
T2-0-N-0 0	240-213860-D-2 MS	Soil jar 4oz - clear glass				
T2-0-N-0 0	240-213860-E-2	Soil jar 4oz - clear glass				
T2-0-N-0 0	240-213860-F-2	Soil jar 4oz - clear glass				
T2-0-S-0 0	240-213860-A-3	SnapCap 1/2 ounce unpreserved				
T2-0-S-0 0	240-213860-B-3	Soil jar 4oz - clear glass				
T2-0-S-0 0	240-213860-C-3	Soil jar 4oz - clear glass				
T2-0-S-0 0	240-213860-D-3	Soil jar 4oz - clear glass				
T2-0-S-0 0	240-213860-E-3	Soil jar 4oz - clear glass				
T2-0-S-0 0	240-213860-F-3	Soil jar 4oz - clear glass				
DUP-7-20241028	240-213860-A-4	SnapCap 1/2 ounce unpreserved				
DUP-7-20241028	240-213860-B-4	Soil jar 4oz - clear glass				
DUP-7-20241028	240-213860-C-4	Soil jar 4oz - clear glass				
DUP-7-20241028	240-213860-D-4	Soil jar 4oz - clear glass				

Client Sample ID	Lab ID	Container Type	Container pH	Container Temp	Preservation Added	Preservation Lot Number
DUP-7-20241028	240-213860-E-4	Soil jar 4oz - clear glass				
DUP-7-20241028	240-213860-F-4	Soil jar 4oz - clear glass				
T2-0-N-2 0	240-213860-A-5	SnapCap 1/2 ounce unpreserved				
T2-0-N-2 0	240-213860-B-5	Soil jar 4oz - clear glass				
T2-0-N-2 0	240-213860-C-5	Soil jar 4oz - clear glass				
T2-0-N-2 0	240-213860-D-5	Soil jar 4oz - clear glass				
T2-0-N-2 0	240-213860-E-5	Soil jar 4oz - clear glass				
T2-0-N-2 0	240-213860-F-5	Soil jar 4oz - clear glass				
T2-0-S-2.0	240-213860-A-6	SnapCap 1/2 ounce unpreserved				
T2-0-S-2 0	240-213860-B-6	Soil jar 4oz - clear glass				
T2-0-S-2 0	240-213860-C-6	Soil jar 4oz - clear glass				
T2-0-S-2 0	240-213860-D-6	Soil jar 4oz - clear glass				
T2-0-S-2 0	240-213860-E-6	Soil jar 4oz - clear glass				
T2-0-S-2 0	240-213860-F-6	Soil jar 4oz - clear glass				
TB-14-20241028	240-213860-A-7	Voa Vial 40ml - Hydrochloric Acid				

Eurofins Cleveland
180 S. Van Buren Avenue
Barberton, OH 44203
Phone: 330-497-9396 Fax: 330-497-0772

Chain of Custody Record

eurofins | Environment Testing

Client Information (Sub Contract Lab)	Sampler: N/A	Lab PM: Kalis, Nicole A	Carrier Tracking No(s): N/A	COC No: 240-192928.1
Client Contact: Shipping/Receiving	Phone: N/A	E-Mail: Nicole.Kalis@et.eurofinsus.com	State of Origin: Ohio	Page: Page 1 of 2
Company: Eurofins Lancaster Laboratories Environm		Accreditations Required (See note): N/A		Job #: 240-213860-1
Address: 2425 New Holland Pike, ,	Due Date Requested: 11/11/2024			Preservation Codes: -
City: Lancaster	TAT Requested (days): N/A			
State, Zip: PA, 17601				
Phone: 717-656-2300(Tel)	PO #: N/A			
Email: N/A	WO #: N/A			
Project Name: MSC Canfield	Project #: 24033889			
Site: N/A	SSOW#: N/A			Other: N/A

Sample Identification - Client ID (Lab ID)	Sample Date	Sample Time	Sample Type (C=comp, G=grab)	Matrix (W=water, S=solid, O=waste/oil, BT=Tissue, A=Air)	Field Filtered Sample (Yes or No)	Perform MS/MSD (Yes or No)	1677_Free/ASTM_LEACH_NP Cyanide, Free	7196A/3060A Chromium, Hexavalent	Total Number of containers	Special Instructions/Note:
			Preservation Code:							
T2-100-S-2.0 (240-213860-1)	10/28/24	09:05 Eastern	G	Solid			X	X	2	Use caution! Site contaminated with solvent waste
T2-0-N-0.0 (240-213860-2)	10/28/24	10:05 Eastern	G	Solid			X	X	2	Use caution! Site contaminated with solvent waste
T2-0-N-0.0 (240-213860-2DU)	10/28/24	10:05 Eastern	G	Solid				X	1	Use caution! Site contaminated with solvent waste
T2-0-N-0.0 (240-213860-2MS)	10/28/24	10:05 Eastern	G	Solid			X		1	Use caution! Site contaminated with solvent waste
T2-0-N-0.0 (240-213860-2MSD)	10/28/24	10:05 Eastern	G	Solid			X		1	Use caution! Site contaminated with solvent waste
T2-0-N-0.0 (240-213860-2MSI)	10/28/24	10:05 Eastern	G	Solid				X	1	Use caution! Site contaminated with solvent waste
T2-0-N-0.0 (240-213860-2MSS)	10/28/24	10:05 Eastern	G	Solid				X	1	Use caution! Site contaminated with solvent waste
T2-0-S-0.0 (240-213860-3)	10/28/24	10:40 Eastern	G	Solid			X	X	2	Use caution! Site contaminated with solvent waste
DUP-7-20241028 (240-213860-4)	10/28/24	Eastern	G	Solid			X	X	2	Use caution! Site contaminated with solvent waste

Note: Since laboratory accreditations are subject to change, Eurofins Environment Testing North Central, LLC places the ownership of method, analyte & accreditation compliance upon our subcontract laboratories. This sample shipment is forwarded under chain-of-custody. If the laboratory does not currently maintain accreditation in the State of Origin listed above for analysis/tests/matrix being analyzed, the samples must be shipped back to the Eurofins Environment Testing North Central, LLC laboratory or other instructions will be provided. Any changes to accreditation status should be brought to Eurofins Environment Testing North Central, LLC attention immediately. If all requested accreditations are current to date, return the signed Chain of Custody attesting to said compliance to Eurofins Environment Testing North Central, LLC.

Possible Hazard Identification	*Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)*
Unconfirmed	☐ *Return To Client* ☐ *Disposal By Lab* ☐ *Archive For* ____ *Months*
Deliverable Requested: I, II, III, IV, Other (specify) Primary Deliverable Rank: 2	Special Instructions/QC Requirements:

Empty Kit Relinquished by:	Date:	Time:	Method of Shipment:

Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company
Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company
Relinquished by:	Date/Time:	Company	Received by:	Date/Time: 10/30/24 0950	Company EEC

Custody Seals Intact: ∆ Yes ∆ No	Custody Seal No.:	Cooler Temperature(s) °C and Other Remarks: 2 - 1.3 C = 1.1

1-AA

Eurofins Cleveland
180 S. Van Buren Avenue
Barberton, OH 44203
Phone: 330-497-9396 Fax: 330-497-0772

Chain of Custody Record

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Client Information (Sub Contract Lab)	Sampler: N/A	Lab PM: Kalis, Nicole A	Carrier Tracking No(s): N/A	COC No: 240-192928.2
Client Contact: Shipping/Receiving	Phone: N/A	E-Mail: Nicole.Kalis@et.eurofinsus.com	State of Origin: Ohio	Page: Page 2 of 2
Company: Eurofins Lancaster Laboratories Environm		Accreditations Required (See note): N/A		Job #: 240-213860-1
Address: 2425 New Holland Pike, ,	Due Date Requested: 11/11/2024			
City: Lancaster	TAT Requested (days): N/A			
State, Zip: PA, 17601				
Phone: 717-656-2300(Tel)	PO #: N/A			
Email: N/A	WO #: N/A			
Project Name: MSC Canfield	Project #: 24033889			
Site: N/A	SSOW#: N/A			

Analysis Requested

Sample Identification - Client ID (Lab ID)	Sample Date	Sample Time	Sample Type (C=Comp, G=grab)	Matrix (W=water, S=solid, O=waste/oil, BT=Tissue, A=Air)	Field Filtered Sample (Yes or No)	Perform MS/MSD (Yes or No)	1677_Free/ASTM_LEACH_NP Cyanide, Free	7196A/3060A Chromium, Hexavalent	Total Number of containers	Special Instructions/Note:
			Preservation Code:							
T2-0-N-2.0 (240-213860-5)	10/28/24	11:15 Eastern	G	Solid			X	X	2	Use caution! Site contaminated with solvent waste
T2-0-S-2.0 (240-213860-6)	10/28/24	11:55 Eastern	G	Solid			X	X	2	Use caution! Site contaminated with solvent waste

Other: N/A

Preservation Codes: -

Note: Since laboratory accreditations are subject to change, Eurofins Environment Testing North Central, LLC places the ownership of method, analyte & accreditation compliance upon our subcontract laboratories. This sample shipment is forwarded under chain-of-custody. If the laboratory does not currently maintain accreditation in the State of Origin listed above for analysis/tests/matrix being analyzed, the samples must be shipped back to the Eurofins Environment Testing North Central, LLC laboratory or other instructions will be provided. Any changes to accreditation status should be brought to Eurofins Environment Testing North Central, LLC attention immediately. If all requested accreditations are current to date, return the signed Chain of Custody attesting to said compliance to Eurofins Environment Testing North Central, LLC.

Possible Hazard Identification	*Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)*
Unconfirmed	☐ *Return To Client* ☐ *Disposal By Lab* ☐ *Archive For* _____ *Months*
Deliverable Requested: I, II, III, IV, Other (specify) Primary Deliverable Rank: 2	Special Instructions/QC Requirements:

Empty Kit Relinquished by:	Date:	Time:	Method of Shipment:

	Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company
1	[illegible]	10-29-24				
2	Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company
3	Relinquished by:	Date/Time:	Company	Received by:	Date/Time: 10/30/24 0950	Company

Custody Seals Intact: Δ Yes Δ No	Custody Seal No.:	Cooler Temperature(s) °C and Other Remarks: 12 - 1.3 C: 1.9

Ver: 10/10/2024

Login Sample Receipt Checklist

Client: August Mack Environmental, Inc.

Job Number: 240-213860-1

Login Number: 213860
List Number: 2
Creator: Arroyo, Haley

List Source: Eurofins Lancaster Laboratories Environment Testing, LLC
List Creation: 10/30/24 03:16 PM

Question	Answer	Comment
The cooler's custody seal is intact.	N/A	
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	True	
Cooler Temperature acceptable,where thermal pres is required(</=6C, not frozen).	True	
Cooler Temperature is recorded.	True	
WV:Container Temp acceptable,where thermal pres is required (</=6C, not frozen).	N/A	
WV: Container Temperature is recorded.	N/A	
COC is present.	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information.	True	
There are no discrepancies between the containers received and the COC.	True	
Sample containers have legible labels.	True	
Containers are not broken or leaking.	True	
Sample collection date/times are provided.	True	
Appropriate sample containers are used.	True	
Sample bottles are completely filled.	True	
There is sufficient vol. for all requested analyses.	True	
Is the Field Sampler's name present on COC?	False	Received project as a subcontract.
Sample custody seals are intact.	N/A	
VOA sample vials do not have headspace >6mm in diameter (none, if from WV)?	N/A	

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ANALYTICAL REPORT

PREPARED FOR

Attn: Kain Lager-Lowe
August Mack Environmental, Inc.
7830 North Central Drive, Suite B
Lewis Center, Ohio 43035

Generated 11/14/2024 5:39:04 AM

JOB DESCRIPTION

MSC Canfield - Soil/Surface Water

JOB NUMBER

240-214014-1

Eurofins Cleveland
180 S. Van Buren Avenue
Barberton OH 44203

See page two for job notes and contact information.

my EOL

Job Notes

This report may not be reproduced except in full, and with written approval from the laboratory. The results relate only to the samples tested. For questions please contact the Project Manager at the e-mail address or telephone number listed on this page.

The test results in this report relate only to the samples as received by the laboratory and will meet all requirements of the methodology, with any exceptions noted. This report shall not be reproduced except in full, without the express written approval of the laboratory. All questions should be directed to the Eurofins Environment Testing North Central, LLC Project Manager.

Authorization



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11/14/2024 5:39:04 AM

Authorized for release by
Nicole Kalis, Project Manager I
Nicole.Kalis@et.eurofinsus.com
(330)497-9396

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Definitions/Glossary

Client: August Mack Environmental, Inc. Job ID: 240-214014-1
Project/Site: MSC Canfield - Soil/Surface Water

Qualifiers

GC/MS VOA

Qualifier	Qualifier Description
E	Result exceeded calibration range.
J	Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.

GC/MS Semi VOA

Qualifier	Qualifier Description
J	Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.

Metals

Qualifier	Qualifier Description
F1	MS and/or MSD recovery exceeds control limits.
J	Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.

General Chemistry

Qualifier	Qualifier Description
J	Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.

Glossary

Abbreviation	These commonly used abbreviations may or may not be present in this report.
☼	Listed under the "D" column to designate that the result is reported on a dry weight basis
%R	Percent Recovery
CFL	Contains Free Liquid
CFU	Colony Forming Unit
CNF	Contains No Free Liquid
DER	Duplicate Error Ratio (normalized absolute difference)
Dil Fac	Dilution Factor
DL	Detection Limit (DoD/DOE)
DL, RA, RE, IN	Indicates a Dilution, Re-analysis, Re-extraction, or additional Initial metals/anion analysis of the sample
DLC	Decision Level Concentration (Radiochemistry)
EDL	Estimated Detection Limit (Dioxin)
LOD	Limit of Detection (DoD/DOE)
LOQ	Limit of Quantitation (DoD/DOE)
MCL	EPA recommended "Maximum Contaminant Level"
MDA	Minimum Detectable Activity (Radiochemistry)
MDC	Minimum Detectable Concentration (Radiochemistry)
MDL	Method Detection Limit
ML	Minimum Level (Dioxin)
MPN	Most Probable Number
MQL	Method Quantitation Limit
NC	Not Calculated
ND	Not Detected at the reporting limit (or MDL or EDL if shown)
NEG	Negative / Absent
POS	Positive / Present
PQL	Practical Quantitation Limit
PRES	Presumptive
QC	Quality Control
RER	Relative Error Ratio (Radiochemistry)
RL	Reporting Limit or Requested Limit (Radiochemistry)
RPD	Relative Percent Difference, a measure of the relative difference between two points
TEF	Toxicity Equivalent Factor (Dioxin)
TEQ	Toxicity Equivalent Quotient (Dioxin)
TNTC	Too Numerous To Count

Job Narrative
240-214014-1

Analytical test results meet all requirements of the associated regulatory program listed on the Accreditation/Certification Summary Page unless otherwise noted under the individual analysis. Data qualifiers and/or narrative comments are included to explain any exceptions, if applicable.

- Matrix QC may not be reported if insufficient sample is provided or site-specific QC samples were not submitted. In these situations, to demonstrate precision and accuracy at a batch level, a LCS/LCSD may be performed, unless otherwise specified in the method.
- Surrogate and/or isotope dilution analyte recoveries (if applicable) which are outside of the QC window are confirmed unless attributed to a dilution or otherwise noted in the narrative.

Regulated compliance samples (e.g. SDWA, NPDES) must comply with the associated agency requirements/permits.

Receipt
The samples were received on 10/31/2024 11:38 AM. Unless otherwise noted below, the samples arrived in good condition, and, where required, properly preserved and on ice. The temperature of the cooler at receipt time was 2.5°C.

Receipt Exceptions
The following sample was submitted for analysis; however, it was not listed on the Chain-of-Custody (COC): RB-1-20241030 (240-214014-3)

ICOC for this sample received 11/2/24.

GC/MS VOA
Method 8260D: The continuing calibration verification (CCV) analyzed in batch 240-634272 was outside the method criteria for the following analyte(s): 1,1,2-Trichloro-1,2,2-trifluoroethane, 1,1-Dichloroethene and Methyl tert-butyl ether. A CCV standard at or below the reporting limit (RL) was analyzed with the affected samples and found to be acceptable. As indicated in the reference method, sample analysis may proceed; however, any detection for the affected analyte(s) is considered estimated.

Method 8260D: The matrix spike / matrix spike duplicate (MS/MSD) recoveries for the following sample associated with analytical batch 240-634272 were outside control limits: TB-1-20241030 (240-214014-1), EB-1-20241030 (240-214014-2), RB-1-20241030 (240-214014-3), (240-214066-B-11), (240-214066-B-11 MS) and (240-214066-B-11 MSD). The associated laboratory control sample (LCS) recovery met acceptance criteria.

Method 8260D: The continuing calibration verification (CCV) associated with batch 240-634272 recovered above the upper control limit for Trichlorofluoromethane. The samples associated with this CCV were non-detects for the affected analytes; therefore, the data have been reported.

Method 8260D: The continuing calibration verification (CCV) result for batch 240-634272 was above the upper calibration limit an E-qualifier. The affected analyte is: 4-Methyl-2-pentanone (MIBK), cis-1,3-Dichloropropene and Methylcyclohexane. Sample results TB-1-20241030 (240-214014-1), EB-1-20241030 (240-214014-2) and RB-1-20241030 (240-214014-3) were non-detects, and have been reported as qualified data.

Method 8260D: The LCS result for batch 240-634272 was above the upper calibration limit, an E-qualifier. The affected analyte is: 4-Methyl-2-pentanone (MIBK), cis-1,3-Dichloropropene and Methylcyclohexane. Sample results TB-1-20241030 (240-214014-1), EB-1-20241030 (240-214014-2) and RB-1-20241030 (240-214014-3) were non-detects, and have been reported as qualified data.

No additional analytical or quality issues were noted, other than those described above or in the Definitions/ Glossary page.

GC/MS Semi VOA
Method 8270E: The continuing calibration verification (CCV) associated with batch 240-634681 recovered above the upper control limit for 4-Chloroaniline. The samples associated with this CCV were non-detect for the affected analyte; therefore, the data has been reported. The associated samples are impacted: EB-1-20241030 (240-214014-2) and RB-1-20241030 (240-214014-3).

No additional analytical or quality issues were noted, other than those described above or in the Definitions/ Glossary page.

PCBs
No additional analytical or quality issues were noted, other than those described above or in the Definitions/ Glossary page.

Job ID: 240-214014-1 (Continued) Eurofins Cleveland

Metals
No additional analytical or quality issues were noted, other than those described above or in the Definitions/ Glossary page.

General Chemistry
No additional analytical or quality issues were noted, other than those described above or in the Definitions/ Glossary page.

Method Summary

Client: August Mack Environmental, Inc.
Project/Site: MSC Canfield - Soil/Surface Water

Job ID: 240-214014-1

Method	Method Description	Protocol	Laboratory
8260D	Volatile Organic Compounds by GC/MS	SW846	EET CLE
8270E	Semivolatile Organic Compounds (GC/MS)	SW846	EET CLE
8082A	Polychlorinated Biphenyls (PCBs) by Gas Chromatography	SW846	EET CLE
6010D	Metals (ICP)	SW846	EET CLE
7470A	Mercury (CVAA)	SW846	EET CLE
7196A	Chromium, Hexavalent	SW846	EET CLE
9012B	Cyanide, Total andor Amenable	SW846	EET CLE
OIA-1677	Cyanide, Free (Flow Injection)	OI CORP	ELLE
3005A	Preparation, Total Recoverable or Dissolved Metals	SW846	EET CLE
3510C	Liquid-Liquid Extraction (Separatory Funnel)	SW846	EET CLE
3510C LVI	Liquid-Liquid Extraction (Separatory Funnel) LVI	SW846	EET CLE
5030C	Purge and Trap	SW846	EET CLE
7470A	Preparation, Mercury	SW846	EET CLE
9012B	Cyanide, Total and/or Amenable, Distillation	SW846	EET CLE

Protocol References:

OI CORP = OI Corporation Instrument Manual.

SW846 = "Test Methods For Evaluating Solid Waste, Physical/Chemical Methods", Third Edition, November 1986 And Its Updates.

Laboratory References:

EET CLE = Eurofins Cleveland, 180 S. Van Buren Avenue, Barberton, OH 44203, TEL (330)497-9396

ELLE = Eurofins Lancaster Laboratories Environment Testing, LLC, 2425 New Holland Pike, Lancaster, PA 17601, TEL (717)656-2300

Sample Summary

Client: August Mack Environmental, Inc.
Job ID: 240-214014-1
Project/Site: MSC Canfield - Soil/Surface Water

Lab Sample ID	Client Sample ID	Matrix	Collected	Received
240-214014-1	TB-1-20241030	Water	10/30/24 00:00	10/31/24 11:38
240-214014-2	EB-1-20241030	Water	10/30/24 17:45	10/31/24 11:38
240-214014-3	RB-1-20241030	Water	10/30/24 18:05	10/31/24 11:38

Detection Summary

Client: August Mack Environmental, Inc.
Project/Site: MSC Canfield - Soil/Surface Water

Job ID: 240-214014-1

Client Sample ID: TB-1-20241030 — Lab Sample ID: 240-214014-1

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Methylene Chloride	4.0	J	5.0	2.6	ug/L	1		8260D	Total/NA
Vinyl chloride	0.68	J	1.0	0.45	ug/L	1		8260D	Total/NA

Client Sample ID: EB-1-20241030 — Lab Sample ID: 240-214014-2

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Acetone	7.2	J	10	5.4	ug/L	1		8260D	Total/NA
Carbon disulfide	0.96	J	1.0	0.59	ug/L	1		8260D	Total/NA
Methylene Chloride	2.8	J	5.0	2.6	ug/L	1		8260D	Total/NA
Barium	5.1	J	200	1.3	ug/L	1		6010D	Total Recoverable
Chromium	1.1	J	10	0.76	ug/L	1		6010D	Total Recoverable
Cyanide, Total	0.18	J	0.25	0.15	mg/L	25		9012B	Total/NA
Cyanide, Free	0.0079		0.0060	0.0050	mg/L	1		OIA-1677	Total/NA

Client Sample ID: RB-1-20241030 — Lab Sample ID: 240-214014-3

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Acetone	6.7	J	10	5.4	ug/L	1		8260D	Total/NA
Methylene Chloride	3.0	J	5.0	2.6	ug/L	1		8260D	Total/NA
Vinyl chloride	0.74	J	1.0	0.45	ug/L	1		8260D	Total/NA
Cyanide, Total	0.20	J	0.25	0.15	mg/L	25		9012B	Total/NA
Cyanide, Free	0.0082		0.0060	0.0050	mg/L	1		OIA-1677	Total/NA

This Detection Summary does not include radiochemical test results.

Client: August Mack Environmental, Inc.
Project/Site: MSC Canfield - Soil/Surface Water

Job ID: 240-214014-1

Client Sample ID: TB-1-20241030
Date Collected: 10/30/24 00:00
Date Received: 10/31/24 11:38

Lab Sample ID: 240-214014-1
Matrix: Water

Method: SW846 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		1.0	0.48	ug/L			11/07/24 12:24	1
1,1,2,2-Tetrachloroethane	ND		1.0	0.60	ug/L			11/07/24 12:24	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		1.0	0.41	ug/L			11/07/24 12:24	1
1,1,2-Trichloroethane	ND		1.0	0.48	ug/L			11/07/24 12:24	1
1,1-Dichloroethane	ND		1.0	0.47	ug/L			11/07/24 12:24	1
1,1-Dichloroethene	ND		1.0	0.49	ug/L			11/07/24 12:24	1
1,2,4-Trichlorobenzene	ND		1.0	0.77	ug/L			11/07/24 12:24	1
1,2-Dibromo-3-Chloropropane	ND		2.0	0.91	ug/L			11/07/24 12:24	1
Ethylene Dibromide	ND		1.0	0.41	ug/L			11/07/24 12:24	1
1,2-Dichlorobenzene	ND		1.0	0.48	ug/L			11/07/24 12:24	1
1,2-Dichloroethane	ND		1.0	0.46	ug/L			11/07/24 12:24	1
1,2-Dichloropropane	ND		1.0	0.47	ug/L			11/07/24 12:24	1
1,3-Dichlorobenzene	ND		1.0	0.45	ug/L			11/07/24 12:24	1
1,4-Dichlorobenzene	ND		1.0	0.41	ug/L			11/07/24 12:24	1
2-Butanone (MEK)	ND		10	1.2	ug/L			11/07/24 12:24	1
2-Hexanone	ND		10	1.1	ug/L			11/07/24 12:24	1
4-Methyl-2-pentanone (MIBK)	ND		10	0.99	ug/L			11/07/24 12:24	1
Acetone	ND		10	5.4	ug/L			11/07/24 12:24	1
Benzene	ND		1.0	0.42	ug/L			11/07/24 12:24	1
Dichlorobromomethane	ND		1.0	0.38	ug/L			11/07/24 12:24	1
Bromoform	ND		1.0	0.76	ug/L			11/07/24 12:24	1
Bromomethane	ND		1.0	0.42	ug/L			11/07/24 12:24	1
Carbon disulfide	ND		1.0	0.59	ug/L			11/07/24 12:24	1
Carbon tetrachloride	ND		1.0	0.26	ug/L			11/07/24 12:24	1
Chlorobenzene	ND		1.0	0.38	ug/L			11/07/24 12:24	1
Chloroethane	ND		1.0	0.83	ug/L			11/07/24 12:24	1
Chloroform	ND		1.0	0.47	ug/L			11/07/24 12:24	1
Chloromethane	ND		1.0	0.63	ug/L			11/07/24 12:24	1
cis-1,2-Dichloroethene	ND		1.0	0.46	ug/L			11/07/24 12:24	1
cis-1,3-Dichloropropene	ND		1.0	0.61	ug/L			11/07/24 12:24	1
Cyclohexane	ND		1.0	0.48	ug/L			11/07/24 12:24	1
Chlorodibromomethane	ND		1.0	0.39	ug/L			11/07/24 12:24	1
Dichlorodifluoromethane	ND		1.0	0.35	ug/L			11/07/24 12:24	1
Ethylbenzene	ND		1.0	0.42	ug/L			11/07/24 12:24	1
Isopropylbenzene	ND		1.0	0.49	ug/L			11/07/24 12:24	1
Methyl acetate	ND		10	1.7	ug/L			11/07/24 12:24	1
Methyl tert-butyl ether	ND		1.0	0.47	ug/L			11/07/24 12:24	1
Methylcyclohexane	ND		1.0	0.33	ug/L			11/07/24 12:24	1
Methylene Chloride	**4.0**	**J**	5.0	2.6	ug/L			11/07/24 12:24	1
Styrene	ND		1.0	0.45	ug/L			11/07/24 12:24	1
Tetrachloroethene	ND		1.0	0.44	ug/L			11/07/24 12:24	1
Toluene	ND		1.0	0.44	ug/L			11/07/24 12:24	1
trans-1,2-Dichloroethene	ND		1.0	0.51	ug/L			11/07/24 12:24	1
trans-1,3-Dichloropropene	ND		1.0	0.67	ug/L			11/07/24 12:24	1
Trichloroethene	ND		1.0	0.44	ug/L			11/07/24 12:24	1
Trichlorofluoromethane	ND		1.0	0.45	ug/L			11/07/24 12:24	1
Vinyl chloride	**0.68**	**J**	1.0	0.45	ug/L			11/07/24 12:24	1
Xylenes, Total	ND		2.0	0.42	ug/L			11/07/24 12:24	1

Client: August Mack Environmental, Inc.
Project/Site: MSC Canfield - Soil/Surface Water

Job ID: 240-214014-1

Client Sample ID: TB-1-20241030
Date Collected: 10/30/24 00:00
Date Received: 10/31/24 11:38

Lab Sample ID: 240-214014-1
Matrix: Water

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
Toluene-d8 (Surr)	100		78 - 122		11/07/24 12:24	1
Dibromofluoromethane (Surr)	104		73 - 120		11/07/24 12:24	1
4-Bromofluorobenzene (Surr)	87		56 - 136		11/07/24 12:24	1
1,2-Dichloroethane-d4 (Surr)	117		62 - 137		11/07/24 12:24	1

Client: August Mack Environmental, Inc.
Project/Site: MSC Canfield - Soil/Surface Water

Job ID: 240-214014-1

Client Sample ID: EB-1-20241030
Date Collected: 10/30/24 17:45
Date Received: 10/31/24 11:38

Lab Sample ID: 240-214014-2
Matrix: Water

Method: SW846 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		1.0	0.48	ug/L			11/07/24 13:35	1
1,1,2,2-Tetrachloroethane	ND		1.0	0.60	ug/L			11/07/24 13:35	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		1.0	0.41	ug/L			11/07/24 13:35	1
1,1,2-Trichloroethane	ND		1.0	0.48	ug/L			11/07/24 13:35	1
1,1-Dichloroethane	ND		1.0	0.47	ug/L			11/07/24 13:35	1
1,1-Dichloroethene	ND		1.0	0.49	ug/L			11/07/24 13:35	1
1,2,4-Trichlorobenzene	ND		1.0	0.77	ug/L			11/07/24 13:35	1
1,2-Dibromo-3-Chloropropane	ND		2.0	0.91	ug/L			11/07/24 13:35	1
Ethylene Dibromide	ND		1.0	0.41	ug/L			11/07/24 13:35	1
1,2-Dichlorobenzene	ND		1.0	0.48	ug/L			11/07/24 13:35	1
1,2-Dichloroethane	ND		1.0	0.46	ug/L			11/07/24 13:35	1
1,2-Dichloropropane	ND		1.0	0.47	ug/L			11/07/24 13:35	1
1,3-Dichlorobenzene	ND		1.0	0.45	ug/L			11/07/24 13:35	1
1,4-Dichlorobenzene	ND		1.0	0.41	ug/L			11/07/24 13:35	1
2-Butanone (MEK)	ND		10	1.2	ug/L			11/07/24 13:35	1
2-Hexanone	ND		10	1.1	ug/L			11/07/24 13:35	1
4-Methyl-2-pentanone (MIBK)	ND		10	0.99	ug/L			11/07/24 13:35	1
Acetone	**7.2**	**J**	10	5.4	ug/L			11/07/24 13:35	1
Benzene	ND		1.0	0.42	ug/L			11/07/24 13:35	1
Dichlorobromomethane	ND		1.0	0.38	ug/L			11/07/24 13:35	1
Bromoform	ND		1.0	0.76	ug/L			11/07/24 13:35	1
Bromomethane	ND		1.0	0.42	ug/L			11/07/24 13:35	1
Carbon disulfide	**0.96**	**J**	1.0	0.59	ug/L			11/07/24 13:35	1
Carbon tetrachloride	ND		1.0	0.26	ug/L			11/07/24 13:35	1
Chlorobenzene	ND		1.0	0.38	ug/L			11/07/24 13:35	1
Chloroethane	ND		1.0	0.83	ug/L			11/07/24 13:35	1
Chloroform	ND		1.0	0.47	ug/L			11/07/24 13:35	1
Chloromethane	ND		1.0	0.63	ug/L			11/07/24 13:35	1
cis-1,2-Dichloroethene	ND		1.0	0.46	ug/L			11/07/24 13:35	1
cis-1,3-Dichloropropene	ND		1.0	0.61	ug/L			11/07/24 13:35	1
Cyclohexane	ND		1.0	0.48	ug/L			11/07/24 13:35	1
Chlorodibromomethane	ND		1.0	0.39	ug/L			11/07/24 13:35	1
Dichlorodifluoromethane	ND		1.0	0.35	ug/L			11/07/24 13:35	1
Ethylbenzene	ND		1.0	0.42	ug/L			11/07/24 13:35	1
Isopropylbenzene	ND		1.0	0.49	ug/L			11/07/24 13:35	1
Methyl acetate	ND		10	1.7	ug/L			11/07/24 13:35	1
Methyl tert-butyl ether	ND		1.0	0.47	ug/L			11/07/24 13:35	1
Methylcyclohexane	ND		1.0	0.33	ug/L			11/07/24 13:35	1
Methylene Chloride	**2.8**	**J**	5.0	2.6	ug/L			11/07/24 13:35	1
Styrene	ND		1.0	0.45	ug/L			11/07/24 13:35	1
Tetrachloroethene	ND		1.0	0.44	ug/L			11/07/24 13:35	1
Toluene	ND		1.0	0.44	ug/L			11/07/24 13:35	1
trans-1,2-Dichloroethene	ND		1.0	0.51	ug/L			11/07/24 13:35	1
trans-1,3-Dichloropropene	ND		1.0	0.67	ug/L			11/07/24 13:35	1
Trichloroethene	ND		1.0	0.44	ug/L			11/07/24 13:35	1
Trichlorofluoromethane	ND		1.0	0.45	ug/L			11/07/24 13:35	1
Vinyl chloride	ND		1.0	0.45	ug/L			11/07/24 13:35	1
Xylenes, Total	ND		2.0	0.42	ug/L			11/07/24 13:35	1

Client Sample ID: EB-1-20241030
Date Collected: 10/30/24 17:45
Date Received: 10/31/24 11:38

Lab Sample ID: 240-214014-2
Matrix: Water

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
Toluene-d8 (Surr)	*98*		*78 - 122*		*11/07/24 13:35*	*1*
Dibromofluoromethane (Surr)	*109*		*73 - 120*		*11/07/24 13:35*	*1*
4-Bromofluorobenzene (Surr)	*83*		*56 - 136*		*11/07/24 13:35*	*1*
1,2-Dichloroethane-d4 (Surr)	*120*		*62 - 137*		*11/07/24 13:35*	*1*

Method: SW846 8270E - Semivolatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1'-Biphenyl	ND		1.0	0.49	ug/L		11/04/24 08:54	11/11/24 03:11	1
bis (2-chloroisopropyl) ether	ND		1.0	0.24	ug/L		11/04/24 08:54	11/11/24 03:11	1
2,4,5-Trichlorophenol	ND		5.0	2.0	ug/L		11/04/24 08:54	11/11/24 03:11	1
2,4,6-Trichlorophenol	ND		5.0	1.8	ug/L		11/04/24 08:54	11/11/24 03:11	1
2,4-Dichlorophenol	ND		2.0	0.26	ug/L		11/04/24 08:54	11/11/24 03:11	1
2,4-Dimethylphenol	ND		2.0	0.25	ug/L		11/04/24 08:54	11/11/24 03:11	1
2,4-Dinitrophenol	ND		10	2.6	ug/L		11/04/24 08:54	11/11/24 03:11	1
2,4-Dinitrotoluene	ND		5.0	2.1	ug/L		11/04/24 08:54	11/11/24 03:11	1
2,6-Dinitrotoluene	ND		5.0	1.1	ug/L		11/04/24 08:54	11/11/24 03:11	1
2-Chloronaphthalene	ND		1.0	0.23	ug/L		11/04/24 08:54	11/11/24 03:11	1
2-Chlorophenol	ND		1.0	0.27	ug/L		11/04/24 08:54	11/11/24 03:11	1
2-Methylnaphthalene	ND		0.20	0.11	ug/L		11/04/24 08:54	11/11/24 03:11	1
2-Methylphenol	ND		1.0	0.21	ug/L		11/04/24 08:54	11/11/24 03:11	1
2-Nitroaniline	ND		2.0	0.51	ug/L		11/04/24 08:54	11/11/24 03:11	1
2-Nitrophenol	ND		2.0	0.56	ug/L		11/04/24 08:54	11/11/24 03:11	1
3,3'-Dichlorobenzidine	ND		5.0	1.2	ug/L		11/04/24 08:54	11/11/24 03:11	1
3-Nitroaniline	ND		2.0	0.57	ug/L		11/04/24 08:54	11/11/24 03:11	1
4,6-Dinitro-2-methylphenol	ND		5.0	2.8	ug/L		11/04/24 08:54	11/11/24 03:11	1
4-Bromophenyl phenyl ether	ND		2.0	0.50	ug/L		11/04/24 08:54	11/11/24 03:11	1
4-Chloro-3-methylphenol	ND		2.0	0.30	ug/L		11/04/24 08:54	11/11/24 03:11	1
4-Chloroaniline	ND		2.0	0.32	ug/L		11/04/24 08:54	11/11/24 03:11	1
4-Chlorophenyl phenyl ether	ND		2.0	0.55	ug/L		11/04/24 08:54	11/11/24 03:11	1
4-Nitroaniline	ND		2.0	0.33	ug/L		11/04/24 08:54	11/11/24 03:11	1
4-Nitrophenol	ND		10	2.2	ug/L		11/04/24 08:54	11/11/24 03:11	1
Acenaphthene	ND		0.20	0.17	ug/L		11/04/24 08:54	11/11/24 03:11	1
Acenaphthylene	ND		0.20	0.13	ug/L		11/04/24 08:54	11/11/24 03:11	1
Acetophenone	ND		1.0	0.37	ug/L		11/04/24 08:54	11/11/24 03:11	1
Anthracene	ND		0.20	0.14	ug/L		11/04/24 08:54	11/11/24 03:11	1
Atrazine	ND		2.0	0.95	ug/L		11/04/24 08:54	11/11/24 03:11	1
Benzaldehyde	ND		2.0	0.76	ug/L		11/04/24 08:54	11/11/24 03:11	1
Benzo[a]anthracene	ND		0.20	0.068	ug/L		11/04/24 08:54	11/11/24 03:11	1
Benzo[a]pyrene	ND		0.20	0.17	ug/L		11/04/24 08:54	11/11/24 03:11	1
Benzo[b]fluoranthene	ND		0.20	0.15	ug/L		11/04/24 08:54	11/11/24 03:11	1
Benzo[g,h,i]perylene	ND		0.20	0.18	ug/L		11/04/24 08:54	11/11/24 03:11	1
Benzo[k]fluoranthene	ND		0.20	0.14	ug/L		11/04/24 08:54	11/11/24 03:11	1
Bis(2-chloroethoxy)methane	ND		1.0	0.22	ug/L		11/04/24 08:54	11/11/24 03:11	1
Bis(2-chloroethyl)ether	ND		1.0	0.40	ug/L		11/04/24 08:54	11/11/24 03:11	1
Bis(2-ethylhexyl) phthalate	ND		5.0	2.2	ug/L		11/04/24 08:54	11/11/24 03:11	1
Butyl benzyl phthalate	ND		2.0	0.67	ug/L		11/04/24 08:54	11/11/24 03:11	1
Caprolactam	ND		5.0	3.8	ug/L		11/04/24 08:54	11/11/24 03:11	1
Carbazole	ND		1.0	0.49	ug/L		11/04/24 08:54	11/11/24 03:11	1
Chrysene	ND		0.20	0.066	ug/L		11/04/24 08:54	11/11/24 03:11	1
Dibenz(a,h)anthracene	ND		0.20	0.15	ug/L		11/04/24 08:54	11/11/24 03:11	1

Client Sample ID: EB-1-20241030
Date Collected: 10/30/24 17:45
Date Received: 10/31/24 11:38

Lab Sample ID: 240-214014-2
Matrix: Water

Method: SW846 8270E - Semivolatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Dibenzofuran	ND		1.0	0.27	ug/L		11/04/24 08:54	11/11/24 03:11	1
Diethyl phthalate	ND		5.0	0.41	ug/L		11/04/24 08:54	11/11/24 03:11	1
Dimethyl phthalate	ND		2.0	0.52	ug/L		11/04/24 08:54	11/11/24 03:11	1
Di-n-butyl phthalate	ND		5.0	1.8	ug/L		11/04/24 08:54	11/11/24 03:11	1
Di-n-octyl phthalate	ND		2.0	0.82	ug/L		11/04/24 08:54	11/11/24 03:11	1
Fluoranthene	ND		0.20	0.16	ug/L		11/04/24 08:54	11/11/24 03:11	1
Fluorene	ND		0.20	0.079	ug/L		11/04/24 08:54	11/11/24 03:11	1
Hexachlorobenzene	ND		0.20	0.16	ug/L		11/04/24 08:54	11/11/24 03:11	1
Hexachlorobutadiene	ND		1.0	0.54	ug/L		11/04/24 08:54	11/11/24 03:11	1
Hexachlorocyclopentadiene	ND		10	1.8	ug/L		11/04/24 08:54	11/11/24 03:11	1
Hexachloroethane	ND		1.0	0.40	ug/L		11/04/24 08:54	11/11/24 03:11	1
Indeno[1,2,3-cd]pyrene	ND		0.20	0.14	ug/L		11/04/24 08:54	11/11/24 03:11	1
Isophorone	ND		1.0	0.32	ug/L		11/04/24 08:54	11/11/24 03:11	1
N-Nitrosodi-n-propylamine	ND		1.0	0.25	ug/L		11/04/24 08:54	11/11/24 03:11	1
N-Nitrosodiphenylamine	ND		1.0	0.44	ug/L		11/04/24 08:54	11/11/24 03:11	1
Naphthalene	ND		0.20	0.11	ug/L		11/04/24 08:54	11/11/24 03:11	1
Nitrobenzene	ND		1.0	0.51	ug/L		11/04/24 08:54	11/11/24 03:11	1
Pentachlorophenol	ND		10	3.1	ug/L		11/04/24 08:54	11/11/24 03:11	1
Phenanthrene	ND		0.20	0.080	ug/L		11/04/24 08:54	11/11/24 03:11	1
Phenol	ND		1.0	0.40	ug/L		11/04/24 08:54	11/11/24 03:11	1
Pyrene	ND		0.20	0.083	ug/L		11/04/24 08:54	11/11/24 03:11	1
3 & 4 Methylphenol	ND		2.0	0.19	ug/L		11/04/24 08:54	11/11/24 03:11	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Terphenyl-d14 (Surr)	*104*		*43 - 136*	*11/04/24 08:54*	*11/11/24 03:11*	*1*
Phenol-d5 (Surr)	*72*		*10 - 120*	*11/04/24 08:54*	*11/11/24 03:11*	*1*
Nitrobenzene-d5 (Surr)	*86*		*40 - 120*	*11/04/24 08:54*	*11/11/24 03:11*	*1*
2-Fluorophenol (Surr)	*93*		*10 - 127*	*11/04/24 08:54*	*11/11/24 03:11*	*1*
2-Fluorobiphenyl (Surr)	*74*		*41 - 120*	*11/04/24 08:54*	*11/11/24 03:11*	*1*
2,4,6-Tribromophenol (Surr)	*41*		*23 - 127*	*11/04/24 08:54*	*11/11/24 03:11*	*1*

Method: SW846 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aroclor-1016	ND		0.099	0.055	ug/L		11/06/24 12:50	11/07/24 15:55	1
Aroclor-1221	ND		0.099	0.056	ug/L		11/06/24 12:50	11/07/24 15:55	1
Aroclor-1232	ND		0.099	0.073	ug/L		11/06/24 12:50	11/07/24 15:55	1
Aroclor-1242	ND		0.099	0.075	ug/L		11/06/24 12:50	11/07/24 15:55	1
Aroclor-1248	ND		0.099	0.050	ug/L		11/06/24 12:50	11/07/24 15:55	1
Aroclor-1254	ND		0.099	0.040	ug/L		11/06/24 12:50	11/07/24 15:55	1
Aroclor-1260	ND		0.099	0.046	ug/L		11/06/24 12:50	11/07/24 15:55	1
Aroclor-1262	ND		0.099	0.057	ug/L		11/06/24 12:50	11/07/24 15:55	1
Aroclor-1268	ND		0.099	0.061	ug/L		11/06/24 12:50	11/07/24 15:55	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Tetrachloro-m-xylene	*57*		*10 - 149*	*11/06/24 12:50*	*11/07/24 15:55*	*1*
DCB Decachlorobiphenyl	*29*		*10 - 174*	*11/06/24 12:50*	*11/07/24 15:55*	*1*

Method: SW846 6010D - Metals (ICP) - Total Recoverable

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	ND		15	4.1	ug/L		11/01/24 14:00	11/04/24 08:57	1

Client Sample ID: EB-1-20241030
Date Collected: 10/30/24 17:45
Date Received: 10/31/24 11:38

Lab Sample ID: 240-214014-2
Matrix: Water

Method: SW846 6010D - Metals (ICP) - Total Recoverable (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Barium	**5.1**	**J**	200	1.3	ug/L		11/01/24 14:00	11/04/24 08:57	1
Cadmium	ND		5.0	0.45	ug/L		11/01/24 14:00	11/04/24 08:57	1
Chromium	**1.1**	**J**	10	0.76	ug/L		11/01/24 14:00	11/04/24 08:57	1
Copper	ND		25	3.5	ug/L		11/01/24 14:00	11/04/24 08:57	1
Lead	ND		10	2.8	ug/L		11/01/24 14:00	11/04/24 08:57	1
Selenium	ND		20	6.0	ug/L		11/01/24 14:00	11/04/24 08:57	1
Silver	ND		10	1.4	ug/L		11/01/24 14:00	11/04/24 08:57	1
Zinc	ND		50	23	ug/L		11/01/24 14:00	11/04/24 08:57	1

Method: SW846 6010D - Metals (ICP) - Dissolved

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	ND		15	4.1	ug/L		11/01/24 14:00	11/04/24 09:29	1
Barium	ND		200	1.3	ug/L		11/01/24 14:00	11/04/24 09:29	1
Cadmium	ND		5.0	0.45	ug/L		11/01/24 14:00	11/04/24 09:29	1
Chromium	ND		10	0.76	ug/L		11/01/24 14:00	11/04/24 09:29	1
Copper	ND		25	3.5	ug/L		11/01/24 14:00	11/04/24 09:29	1
Lead	ND		10	2.8	ug/L		11/01/24 14:00	11/04/24 09:29	1
Selenium	ND		20	6.0	ug/L		11/01/24 14:00	11/04/24 09:29	1
Silver	ND		10	1.4	ug/L		11/01/24 14:00	11/04/24 09:29	1
Zinc	ND		50	23	ug/L		11/01/24 14:00	11/04/24 09:29	1

Method: SW846 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	ND		0.20	0.13	ug/L		11/04/24 16:00	11/05/24 14:12	1

Method: SW846 7470A - Mercury (CVAA) - Dissolved

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	ND	F1	0.20	0.13	ug/L		11/04/24 16:00	11/05/24 14:06	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chromium, hexavalent (SW846 7196A)	ND		0.020	0.0070	mg/L			10/31/24 15:24	1
Cyanide, Total (SW846 9012B)	**0.18**	**J**	0.25	0.15	mg/L		11/11/24 09:18	11/11/24 10:55	25
Cyanide, Free (OI CORP OIA-1677)	**0.0079**		0.0060	0.0050	mg/L			11/11/24 16:46	1

General Chemistry - Dissolved

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chromium, hexavalent (SW846 7196A)	ND		0.020	0.0070	mg/L			10/31/24 15:25	1

Client: August Mack Environmental, Inc.
Project/Site: MSC Canfield - Soil/Surface Water

Job ID: 240-214014-1

Client Sample ID: RB-1-20241030
Date Collected: 10/30/24 18:05
Date Received: 10/31/24 11:38

Lab Sample ID: 240-214014-3
Matrix: Water

Method: SW846 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		1.0	0.48	ug/L			11/07/24 13:17	1
1,1,2,2-Tetrachloroethane	ND		1.0	0.60	ug/L			11/07/24 13:17	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		1.0	0.41	ug/L			11/07/24 13:17	1
1,1,2-Trichloroethane	ND		1.0	0.48	ug/L			11/07/24 13:17	1
1,1-Dichloroethane	ND		1.0	0.47	ug/L			11/07/24 13:17	1
1,1-Dichloroethene	ND		1.0	0.49	ug/L			11/07/24 13:17	1
1,2,4-Trichlorobenzene	ND		1.0	0.77	ug/L			11/07/24 13:17	1
1,2-Dibromo-3-Chloropropane	ND		2.0	0.91	ug/L			11/07/24 13:17	1
Ethylene Dibromide	ND		1.0	0.41	ug/L			11/07/24 13:17	1
1,2-Dichlorobenzene	ND		1.0	0.48	ug/L			11/07/24 13:17	1
1,2-Dichloroethane	ND		1.0	0.46	ug/L			11/07/24 13:17	1
1,2-Dichloropropane	ND		1.0	0.47	ug/L			11/07/24 13:17	1
1,3-Dichlorobenzene	ND		1.0	0.45	ug/L			11/07/24 13:17	1
1,4-Dichlorobenzene	ND		1.0	0.41	ug/L			11/07/24 13:17	1
2-Butanone (MEK)	ND		10	1.2	ug/L			11/07/24 13:17	1
2-Hexanone	ND		10	1.1	ug/L			11/07/24 13:17	1
4-Methyl-2-pentanone (MIBK)	ND		10	0.99	ug/L			11/07/24 13:17	1
Acetone	**6.7**	**J**	10	5.4	ug/L			11/07/24 13:17	1
Benzene	ND		1.0	0.42	ug/L			11/07/24 13:17	1
Dichlorobromomethane	ND		1.0	0.38	ug/L			11/07/24 13:17	1
Bromoform	ND		1.0	0.76	ug/L			11/07/24 13:17	1
Bromomethane	ND		1.0	0.42	ug/L			11/07/24 13:17	1
Carbon disulfide	ND		1.0	0.59	ug/L			11/07/24 13:17	1
Carbon tetrachloride	ND		1.0	0.26	ug/L			11/07/24 13:17	1
Chlorobenzene	ND		1.0	0.38	ug/L			11/07/24 13:17	1
Chloroethane	ND		1.0	0.83	ug/L			11/07/24 13:17	1
Chloroform	ND		1.0	0.47	ug/L			11/07/24 13:17	1
Chloromethane	ND		1.0	0.63	ug/L			11/07/24 13:17	1
cis-1,2-Dichloroethene	ND		1.0	0.46	ug/L			11/07/24 13:17	1
cis-1,3-Dichloropropene	ND		1.0	0.61	ug/L			11/07/24 13:17	1
Cyclohexane	ND		1.0	0.48	ug/L			11/07/24 13:17	1
Chlorodibromomethane	ND		1.0	0.39	ug/L			11/07/24 13:17	1
Dichlorodifluoromethane	ND		1.0	0.35	ug/L			11/07/24 13:17	1
Ethylbenzene	ND		1.0	0.42	ug/L			11/07/24 13:17	1
Isopropylbenzene	ND		1.0	0.49	ug/L			11/07/24 13:17	1
Methyl acetate	ND		10	1.7	ug/L			11/07/24 13:17	1
Methyl tert-butyl ether	ND		1.0	0.47	ug/L			11/07/24 13:17	1
Methylcyclohexane	ND		1.0	0.33	ug/L			11/07/24 13:17	1
Methylene Chloride	**3.0**	**J**	5.0	2.6	ug/L			11/07/24 13:17	1
Styrene	ND		1.0	0.45	ug/L			11/07/24 13:17	1
Tetrachloroethene	ND		1.0	0.44	ug/L			11/07/24 13:17	1
Toluene	ND		1.0	0.44	ug/L			11/07/24 13:17	1
trans-1,2-Dichloroethene	ND		1.0	0.51	ug/L			11/07/24 13:17	1
trans-1,3-Dichloropropene	ND		1.0	0.67	ug/L			11/07/24 13:17	1
Trichloroethene	ND		1.0	0.44	ug/L			11/07/24 13:17	1
Trichlorofluoromethane	ND		1.0	0.45	ug/L			11/07/24 13:17	1
Vinyl chloride	**0.74**	**J**	1.0	0.45	ug/L			11/07/24 13:17	1
Xylenes, Total	ND		2.0	0.42	ug/L			11/07/24 13:17	1

Client: August Mack Environmental, Inc.
Project/Site: MSC Canfield - Soil/Surface Water

Job ID: 240-214014-1

Client Sample ID: RB-1-20241030
Date Collected: 10/30/24 18:05
Date Received: 10/31/24 11:38

Lab Sample ID: 240-214014-3
Matrix: Water

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
Toluene-d8 (Surr)	*98*		*78 - 122*		*11/07/24 13:17*	*1*
Dibromofluoromethane (Surr)	*108*		*73 - 120*		*11/07/24 13:17*	*1*
4-Bromofluorobenzene (Surr)	*84*		*56 - 136*		*11/07/24 13:17*	*1*
1,2-Dichloroethane-d4 (Surr)	*120*		*62 - 137*		*11/07/24 13:17*	*1*

Method: SW846 8270E - Semivolatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1'-Biphenyl	ND		0.96	0.47	ug/L		11/04/24 08:54	11/11/24 03:34	1
bis (2-chloroisopropyl) ether	ND		0.96	0.23	ug/L		11/04/24 08:54	11/11/24 03:34	1
2,4,5-Trichlorophenol	ND		4.8	1.9	ug/L		11/04/24 08:54	11/11/24 03:34	1
2,4,6-Trichlorophenol	ND		4.8	1.7	ug/L		11/04/24 08:54	11/11/24 03:34	1
2,4-Dichlorophenol	ND		1.9	0.25	ug/L		11/04/24 08:54	11/11/24 03:34	1
2,4-Dimethylphenol	ND		1.9	0.24	ug/L		11/04/24 08:54	11/11/24 03:34	1
2,4-Dinitrophenol	ND		9.6	2.5	ug/L		11/04/24 08:54	11/11/24 03:34	1
2,4-Dinitrotoluene	ND		4.8	2.0	ug/L		11/04/24 08:54	11/11/24 03:34	1
2,6-Dinitrotoluene	ND		4.8	1.0	ug/L		11/04/24 08:54	11/11/24 03:34	1
2-Chloronaphthalene	ND		0.96	0.22	ug/L		11/04/24 08:54	11/11/24 03:34	1
2-Chlorophenol	ND		0.96	0.26	ug/L		11/04/24 08:54	11/11/24 03:34	1
2-Methylnaphthalene	ND		0.19	0.11	ug/L		11/04/24 08:54	11/11/24 03:34	1
2-Methylphenol	ND		0.96	0.20	ug/L		11/04/24 08:54	11/11/24 03:34	1
2-Nitroaniline	ND		1.9	0.49	ug/L		11/04/24 08:54	11/11/24 03:34	1
2-Nitrophenol	ND		1.9	0.54	ug/L		11/04/24 08:54	11/11/24 03:34	1
3,3'-Dichlorobenzidine	ND		4.8	1.1	ug/L		11/04/24 08:54	11/11/24 03:34	1
3-Nitroaniline	ND		1.9	0.54	ug/L		11/04/24 08:54	11/11/24 03:34	1
4,6-Dinitro-2-methylphenol	ND		4.8	2.7	ug/L		11/04/24 08:54	11/11/24 03:34	1
4-Bromophenyl phenyl ether	ND		1.9	0.48	ug/L		11/04/24 08:54	11/11/24 03:34	1
4-Chloro-3-methylphenol	ND		1.9	0.28	ug/L		11/04/24 08:54	11/11/24 03:34	1
4-Chloroaniline	ND		1.9	0.30	ug/L		11/04/24 08:54	11/11/24 03:34	1
4-Chlorophenyl phenyl ether	ND		1.9	0.53	ug/L		11/04/24 08:54	11/11/24 03:34	1
4-Nitroaniline	ND		1.9	0.31	ug/L		11/04/24 08:54	11/11/24 03:34	1
4-Nitrophenol	ND		9.6	2.1	ug/L		11/04/24 08:54	11/11/24 03:34	1
Acenaphthene	ND		0.19	0.17	ug/L		11/04/24 08:54	11/11/24 03:34	1
Acenaphthylene	ND		0.19	0.12	ug/L		11/04/24 08:54	11/11/24 03:34	1
Acetophenone	ND		0.96	0.35	ug/L		11/04/24 08:54	11/11/24 03:34	1
Anthracene	ND		0.19	0.13	ug/L		11/04/24 08:54	11/11/24 03:34	1
Atrazine	ND		1.9	0.92	ug/L		11/04/24 08:54	11/11/24 03:34	1
Benzaldehyde	ND		1.9	0.73	ug/L		11/04/24 08:54	11/11/24 03:34	1
Benzo[a]anthracene	ND		0.19	0.065	ug/L		11/04/24 08:54	11/11/24 03:34	1
Benzo[a]pyrene	ND		0.19	0.17	ug/L		11/04/24 08:54	11/11/24 03:34	1
Benzo[b]fluoranthene	ND		0.19	0.15	ug/L		11/04/24 08:54	11/11/24 03:34	1
Benzo[g,h,i]perylene	ND		0.19	0.17	ug/L		11/04/24 08:54	11/11/24 03:34	1
Benzo[k]fluoranthene	ND		0.19	0.13	ug/L		11/04/24 08:54	11/11/24 03:34	1
Bis(2-chloroethoxy)methane	ND		0.96	0.21	ug/L		11/04/24 08:54	11/11/24 03:34	1
Bis(2-chloroethyl)ether	ND		0.96	0.39	ug/L		11/04/24 08:54	11/11/24 03:34	1
Bis(2-ethylhexyl) phthalate	ND		4.8	2.1	ug/L		11/04/24 08:54	11/11/24 03:34	1
Butyl benzyl phthalate	ND		1.9	0.64	ug/L		11/04/24 08:54	11/11/24 03:34	1
Caprolactam	ND		4.8	3.7	ug/L		11/04/24 08:54	11/11/24 03:34	1
Carbazole	ND		0.96	0.47	ug/L		11/04/24 08:54	11/11/24 03:34	1
Chrysene	ND		0.19	0.063	ug/L		11/04/24 08:54	11/11/24 03:34	1
Dibenz(a,h)anthracene	ND		0.19	0.15	ug/L		11/04/24 08:54	11/11/24 03:34	1

Client Sample ID: RB-1-20241030
Date Collected: 10/30/24 18:05
Date Received: 10/31/24 11:38

Lab Sample ID: 240-214014-3
Matrix: Water

Method: SW846 8270E - Semivolatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Dibenzofuran	ND		0.96	0.26	ug/L		11/04/24 08:54	11/11/24 03:34	1
Diethyl phthalate	ND		4.8	0.39	ug/L		11/04/24 08:54	11/11/24 03:34	1
Dimethyl phthalate	ND		1.9	0.50	ug/L		11/04/24 08:54	11/11/24 03:34	1
Di-n-butyl phthalate	ND		4.8	1.7	ug/L		11/04/24 08:54	11/11/24 03:34	1
Di-n-octyl phthalate	ND		1.9	0.79	ug/L		11/04/24 08:54	11/11/24 03:34	1
Fluoranthene	ND		0.19	0.15	ug/L		11/04/24 08:54	11/11/24 03:34	1
Fluorene	ND		0.19	0.076	ug/L		11/04/24 08:54	11/11/24 03:34	1
Hexachlorobenzene	ND		0.19	0.15	ug/L		11/04/24 08:54	11/11/24 03:34	1
Hexachlorobutadiene	ND		0.96	0.52	ug/L		11/04/24 08:54	11/11/24 03:34	1
Hexachlorocyclopentadiene	ND		9.6	1.7	ug/L		11/04/24 08:54	11/11/24 03:34	1
Hexachloroethane	ND		0.96	0.38	ug/L		11/04/24 08:54	11/11/24 03:34	1
Indeno[1,2,3-cd]pyrene	ND		0.19	0.13	ug/L		11/04/24 08:54	11/11/24 03:34	1
Isophorone	ND		0.96	0.31	ug/L		11/04/24 08:54	11/11/24 03:34	1
N-Nitrosodi-n-propylamine	ND		0.96	0.24	ug/L		11/04/24 08:54	11/11/24 03:34	1
N-Nitrosodiphenylamine	ND		0.96	0.42	ug/L		11/04/24 08:54	11/11/24 03:34	1
Naphthalene	ND		0.19	0.10	ug/L		11/04/24 08:54	11/11/24 03:34	1
Nitrobenzene	ND		0.96	0.49	ug/L		11/04/24 08:54	11/11/24 03:34	1
Pentachlorophenol	ND		9.6	3.0	ug/L		11/04/24 08:54	11/11/24 03:34	1
Phenanthrene	ND		0.19	0.077	ug/L		11/04/24 08:54	11/11/24 03:34	1
Phenol	ND		0.96	0.39	ug/L		11/04/24 08:54	11/11/24 03:34	1
Pyrene	ND		0.19	0.080	ug/L		11/04/24 08:54	11/11/24 03:34	1
3 & 4 Methylphenol	ND		1.9	0.18	ug/L		11/04/24 08:54	11/11/24 03:34	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Terphenyl-d14 (Surr)	*97*		*43 - 136*	*11/04/24 08:54*	*11/11/24 03:34*	*1*
Phenol-d5 (Surr)	*69*		*10 - 120*	*11/04/24 08:54*	*11/11/24 03:34*	*1*
Nitrobenzene-d5 (Surr)	*79*		*40 - 120*	*11/04/24 08:54*	*11/11/24 03:34*	*1*
2-Fluorophenol (Surr)	*77*		*10 - 127*	*11/04/24 08:54*	*11/11/24 03:34*	*1*
2-Fluorobiphenyl (Surr)	*67*		*41 - 120*	*11/04/24 08:54*	*11/11/24 03:34*	*1*
2,4,6-Tribromophenol (Surr)	*40*		*23 - 127*	*11/04/24 08:54*	*11/11/24 03:34*	*1*

Method: SW846 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aroclor-1016	ND		0.098	0.055	ug/L		11/06/24 12:50	11/07/24 16:10	1
Aroclor-1221	ND		0.098	0.056	ug/L		11/06/24 12:50	11/07/24 16:10	1
Aroclor-1232	ND		0.098	0.073	ug/L		11/06/24 12:50	11/07/24 16:10	1
Aroclor-1242	ND		0.098	0.075	ug/L		11/06/24 12:50	11/07/24 16:10	1
Aroclor-1248	ND		0.098	0.049	ug/L		11/06/24 12:50	11/07/24 16:10	1
Aroclor-1254	ND		0.098	0.039	ug/L		11/06/24 12:50	11/07/24 16:10	1
Aroclor-1260	ND		0.098	0.045	ug/L		11/06/24 12:50	11/07/24 16:10	1
Aroclor-1262	ND		0.098	0.057	ug/L		11/06/24 12:50	11/07/24 16:10	1
Aroclor-1268	ND		0.098	0.061	ug/L		11/06/24 12:50	11/07/24 16:10	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Tetrachloro-m-xylene	*56*		*10 - 149*	*11/06/24 12:50*	*11/07/24 16:10*	*1*
DCB Decachlorobiphenyl	*59*		*10 - 174*	*11/06/24 12:50*	*11/07/24 16:10*	*1*

Method: SW846 6010D - Metals (ICP) - Total Recoverable

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	ND		15	4.1	ug/L		11/01/24 14:00	11/04/24 09:42	1

Client Sample ID: RB-1-20241030
Lab Sample ID: 240-214014-3
Date Collected: 10/30/24 18:05
Matrix: Water
Date Received: 10/31/24 11:38

Method: SW846 6010D - Metals (ICP) - Total Recoverable (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Barium	ND		200	1.3	ug/L		11/01/24 14:00	11/04/24 09:42	1
Cadmium	ND		5.0	0.45	ug/L		11/01/24 14:00	11/04/24 09:42	1
Chromium	ND		10	0.76	ug/L		11/01/24 14:00	11/04/24 09:42	1
Copper	ND		25	3.5	ug/L		11/01/24 14:00	11/04/24 09:42	1
Lead	ND		10	2.8	ug/L		11/01/24 14:00	11/04/24 09:42	1
Selenium	ND		20	6.0	ug/L		11/01/24 14:00	11/04/24 09:42	1
Silver	ND		10	1.4	ug/L		11/01/24 14:00	11/04/24 09:42	1
Zinc	ND		50	23	ug/L		11/01/24 14:00	11/04/24 09:42	1

Method: SW846 6010D - Metals (ICP) - Dissolved

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	ND		15	4.1	ug/L		11/01/24 14:00	11/04/24 09:47	1
Barium	ND		200	1.3	ug/L		11/01/24 14:00	11/04/24 09:47	1
Cadmium	ND		5.0	0.45	ug/L		11/01/24 14:00	11/04/24 09:47	1
Chromium	ND		10	0.76	ug/L		11/01/24 14:00	11/04/24 09:47	1
Copper	ND		25	3.5	ug/L		11/01/24 14:00	11/04/24 09:47	1
Lead	ND		10	2.8	ug/L		11/01/24 14:00	11/04/24 09:47	1
Selenium	ND		20	6.0	ug/L		11/01/24 14:00	11/04/24 09:47	1
Silver	ND		10	1.4	ug/L		11/01/24 14:00	11/04/24 09:47	1
Zinc	ND		50	23	ug/L		11/01/24 14:00	11/04/24 09:47	1

Method: SW846 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	ND		0.20	0.13	ug/L		11/04/24 16:00	11/05/24 14:18	1

Method: SW846 7470A - Mercury (CVAA) - Dissolved

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	ND		0.20	0.13	ug/L		11/04/24 16:00	11/05/24 14:17	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chromium, hexavalent (SW846 7196A)	ND		0.020	0.0070	mg/L			10/31/24 15:26	1
Cyanide, Total (SW846 9012B)	**0.20**	**J**	0.25	0.15	mg/L		11/11/24 09:18	11/11/24 11:00	25
Cyanide, Free (OI CORP OIA-1677)	**0.0082**		0.0060	0.0050	mg/L			11/11/24 16:49	1

General Chemistry - Dissolved

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chromium, hexavalent (SW846 7196A)	ND		0.020	0.0070	mg/L			10/31/24 15:26	1

Surrogate Summary

Client: August Mack Environmental, Inc.
Project/Site: MSC Canfield - Soil/Surface Water

Job ID: 240-214014-1

Method: 8260D - Volatile Organic Compounds by GC/MS

Matrix: Water

Prep Type: Total/NA

		Percent Surrogate Recovery (Acceptance Limits)			
		TOL	DBFM	BFB	DCA
Lab Sample ID	Client Sample ID	(78-122)	(73-120)	(56-136)	(62-137)
240-214014-1	TB-1-20241030	100	104	87	117
240-214014-2	EB-1-20241030	98	109	83	120
240-214014-3	RB-1-20241030	98	108	84	120
LCS 240-634272/5	Lab Control Sample	105	97	101	101
MB 240-634272/11	Method Blank	99	104	84	115

Surrogate Legend

TOL = Toluene-d8 (Surr)
DBFM = Dibromofluoromethane (Surr)
BFB = 4-Bromofluorobenzene (Surr)
DCA = 1,2-Dichloroethane-d4 (Surr)

Method: 8270E - Semivolatile Organic Compounds (GC/MS)

Matrix: Water

Prep Type: Total/NA

		Percent Surrogate Recovery (Acceptance Limits)					
		TPHL	PHL	NBZ	2FP	FBP	TBP
Lab Sample ID	Client Sample ID	(43-136)	(10-120)	(40-120)	(10-127)	(41-120)	(23-127)
240-214014-2	EB-1-20241030	104	72	86	93	74	41
240-214014-3	RB-1-20241030	97	69	79	77	67	40
LCS 240-633759/2-A	Lab Control Sample	73	77	80	124	70	82
MB 240-633759/1-A	Method Blank	84	62	75	98	67	53

Surrogate Legend

TPHL = Terphenyl-d14 (Surr)
PHL = Phenol-d5 (Surr)
NBZ = Nitrobenzene-d5 (Surr)
2FP = 2-Fluorophenol (Surr)
FBP = 2-Fluorobiphenyl (Surr)
TBP = 2,4,6-Tribromophenol (Surr)

Method: 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Matrix: Water

Prep Type: Total/NA

		Percent Surrogate Recovery (Acceptance Limits)	
		TCX1	DCBP1
Lab Sample ID	Client Sample ID	(10-149)	(10-174)
240-214014-2	EB-1-20241030	57	29
240-214014-3	RB-1-20241030	56	59
LCS 240-634211/2-A	Lab Control Sample	51	58
MB 240-634211/1-A	Method Blank	56	78

Surrogate Legend

TCX = Tetrachloro-m-xylene
DCBP = DCB Decachlorobiphenyl

Method: 8260D - Volatile Organic Compounds by GC/MS

Lab Sample ID: MB 240-634272/11
Matrix: Water
Analysis Batch: 634272

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		1.0	0.48	ug/L			11/07/24 12:06	1
1,1,2,2-Tetrachloroethane	ND		1.0	0.60	ug/L			11/07/24 12:06	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		1.0	0.41	ug/L			11/07/24 12:06	1
1,1,2-Trichloroethane	ND		1.0	0.48	ug/L			11/07/24 12:06	1
1,1-Dichloroethane	ND		1.0	0.47	ug/L			11/07/24 12:06	1
1,1-Dichloroethene	ND		1.0	0.49	ug/L			11/07/24 12:06	1
1,2,4-Trichlorobenzene	ND		1.0	0.77	ug/L			11/07/24 12:06	1
1,2-Dibromo-3-Chloropropane	ND		2.0	0.91	ug/L			11/07/24 12:06	1
Ethylene Dibromide	ND		1.0	0.41	ug/L			11/07/24 12:06	1
1,2-Dichlorobenzene	ND		1.0	0.48	ug/L			11/07/24 12:06	1
1,2-Dichloroethane	ND		1.0	0.46	ug/L			11/07/24 12:06	1
1,2-Dichloropropane	ND		1.0	0.47	ug/L			11/07/24 12:06	1
1,3-Dichlorobenzene	ND		1.0	0.45	ug/L			11/07/24 12:06	1
1,4-Dichlorobenzene	ND		1.0	0.41	ug/L			11/07/24 12:06	1
2-Butanone (MEK)	ND		10	1.2	ug/L			11/07/24 12:06	1
2-Hexanone	ND		10	1.1	ug/L			11/07/24 12:06	1
4-Methyl-2-pentanone (MIBK)	ND		10	0.99	ug/L			11/07/24 12:06	1
Acetone	ND		10	5.4	ug/L			11/07/24 12:06	1
Benzene	ND		1.0	0.42	ug/L			11/07/24 12:06	1
Dichlorobromomethane	ND		1.0	0.38	ug/L			11/07/24 12:06	1
Bromoform	ND		1.0	0.76	ug/L			11/07/24 12:06	1
Bromomethane	ND		1.0	0.42	ug/L			11/07/24 12:06	1
Carbon disulfide	ND		1.0	0.59	ug/L			11/07/24 12:06	1
Carbon tetrachloride	ND		1.0	0.26	ug/L			11/07/24 12:06	1
Chlorobenzene	ND		1.0	0.38	ug/L			11/07/24 12:06	1
Chloroethane	ND		1.0	0.83	ug/L			11/07/24 12:06	1
Chloroform	ND		1.0	0.47	ug/L			11/07/24 12:06	1
Chloromethane	ND		1.0	0.63	ug/L			11/07/24 12:06	1
cis-1,2-Dichloroethene	ND		1.0	0.46	ug/L			11/07/24 12:06	1
cis-1,3-Dichloropropene	ND		1.0	0.61	ug/L			11/07/24 12:06	1
Cyclohexane	ND		1.0	0.48	ug/L			11/07/24 12:06	1
Chlorodibromomethane	ND		1.0	0.39	ug/L			11/07/24 12:06	1
Dichlorodifluoromethane	ND		1.0	0.35	ug/L			11/07/24 12:06	1
Ethylbenzene	ND		1.0	0.42	ug/L			11/07/24 12:06	1
Isopropylbenzene	ND		1.0	0.49	ug/L			11/07/24 12:06	1
Methyl acetate	ND		10	1.7	ug/L			11/07/24 12:06	1
Methyl tert-butyl ether	ND		1.0	0.47	ug/L			11/07/24 12:06	1
Methylcyclohexane	ND		1.0	0.33	ug/L			11/07/24 12:06	1
Methylene Chloride	ND		5.0	2.6	ug/L			11/07/24 12:06	1
Styrene	ND		1.0	0.45	ug/L			11/07/24 12:06	1
Tetrachloroethene	ND		1.0	0.44	ug/L			11/07/24 12:06	1
Toluene	ND		1.0	0.44	ug/L			11/07/24 12:06	1
trans-1,2-Dichloroethene	ND		1.0	0.51	ug/L			11/07/24 12:06	1
trans-1,3-Dichloropropene	ND		1.0	0.67	ug/L			11/07/24 12:06	1
Trichloroethene	ND		1.0	0.44	ug/L			11/07/24 12:06	1
Trichlorofluoromethane	ND		1.0	0.45	ug/L			11/07/24 12:06	1
Vinyl chloride	ND		1.0	0.45	ug/L			11/07/24 12:06	1
Xylenes, Total	ND		2.0	0.42	ug/L			11/07/24 12:06	1

Method: 8260D - Volatile Organic Compounds by GC/MS (Continued)

Lab Sample ID: MB 240-634272/11
Matrix: Water
Analysis Batch: 634272

Client Sample ID: Method Blank
Prep Type: Total/NA

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
Toluene-d8 (Surr)	*99*		*78 - 122*		*11/07/24 12:06*	*1*
Dibromofluoromethane (Surr)	*104*		*73 - 120*		*11/07/24 12:06*	*1*
4-Bromofluorobenzene (Surr)	*84*		*56 - 136*		*11/07/24 12:06*	*1*
1,2-Dichloroethane-d4 (Surr)	*115*		*62 - 137*		*11/07/24 12:06*	*1*

Lab Sample ID: LCS 240-634272/5
Matrix: Water
Analysis Batch: 634272

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
1,1,1-Trichloroethane	50.0	43.5		ug/L		87	64 - 131
1,1,2,2-Tetrachloroethane	50.0	46.0		ug/L		92	58 - 157
1,1,2-Trichloro-1,2,2-trifluoroethane	50.0	43.6		ug/L		87	51 - 146
1,1,2-Trichloroethane	50.0	47.7		ug/L		95	70 - 138
1,1-Dichloroethane	50.0	44.8		ug/L		90	72 - 127
1,1-Dichloroethene	50.0	44.1		ug/L		88	63 - 134
1,2,4-Trichlorobenzene	50.0	45.0		ug/L		90	44 - 147
1,2-Dibromo-3-Chloropropane	50.0	44.8		ug/L		90	53 - 135
Ethylene Dibromide	50.0	48.3		ug/L		97	71 - 134
1,2-Dichlorobenzene	50.0	46.3		ug/L		93	78 - 120
1,2-Dichloroethane	50.0	45.3		ug/L		91	66 - 128
1,2-Dichloropropane	50.0	45.2		ug/L		90	75 - 133
1,3-Dichlorobenzene	50.0	47.2		ug/L		94	80 - 120
1,4-Dichlorobenzene	50.0	44.9		ug/L		90	80 - 120
2-Butanone (MEK)	100	92.5		ug/L		92	54 - 156
2-Hexanone	100	105		ug/L		105	43 - 167
4-Methyl-2-pentanone (MIBK)	100	107	E	ug/L		107	46 - 158
Acetone	100	82.1		ug/L		82	50 - 149
Benzene	50.0	46.6		ug/L		93	77 - 123
Dichlorobromomethane	50.0	48.8		ug/L		98	69 - 126
Bromoform	50.0	47.3		ug/L		95	57 - 129
Bromomethane	50.0	46.4		ug/L		93	36 - 142
Carbon disulfide	50.0	49.8		ug/L		100	43 - 140
Carbon tetrachloride	50.0	44.1		ug/L		88	55 - 137
Chlorobenzene	50.0	47.0		ug/L		94	80 - 121
Chloroethane	50.0	47.3		ug/L		95	38 - 152
Chloroform	50.0	45.4		ug/L		91	74 - 122
Chloromethane	50.0	46.5		ug/L		93	47 - 143
cis-1,2-Dichloroethene	50.0	45.5		ug/L		91	77 - 123
cis-1,3-Dichloropropene	50.0	54.2	E	ug/L		108	64 - 130
Cyclohexane	50.0	48.5		ug/L		97	58 - 146
Chlorodibromomethane	50.0	50.6		ug/L		101	70 - 124
Dichlorodifluoromethane	50.0	40.7		ug/L		81	34 - 153
Ethylbenzene	50.0	53.9		ug/L		108	80 - 121
Isopropylbenzene	50.0	63.8		ug/L		128	74 - 128
Methyl acetate	100	85.3		ug/L		85	42 - 169
Methyl tert-butyl ether	50.0	42.6		ug/L		85	65 - 126
Methylcyclohexane	50.0	57.3	E	ug/L		115	62 - 136

Method: 8260D - Volatile Organic Compounds by GC/MS (Continued)

Lab Sample ID: LCS 240-634272/5
Matrix: Water
Analysis Batch: 634272

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Methylene Chloride	50.0	39.6		ug/L		79	71 - 125
Styrene	50.0	57.6		ug/L		115	80 - 135
Tetrachloroethene	50.0	46.4		ug/L		93	76 - 123
Toluene	50.0	49.0		ug/L		98	80 - 123
trans-1,2-Dichloroethene	50.0	42.3		ug/L		85	75 - 124
trans-1,3-Dichloropropene	50.0	55.6		ug/L		111	57 - 129
Trichloroethene	50.0	44.6		ug/L		89	70 - 122
Trichlorofluoromethane	50.0	62.7		ug/L		125	30 - 170
Vinyl chloride	50.0	50.7		ug/L		101	60 - 144
Xylenes, Total	100	112		ug/L		112	80 - 121
m-Xylene & p-Xylene	50.0	55.6		ug/L		111	80 - 120
o-Xylene	50.0	56.8		ug/L		114	80 - 123

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
Toluene-d8 (Surr)	*105*		*78 - 122*
Dibromofluoromethane (Surr)	*97*		*73 - 120*
4-Bromofluorobenzene (Surr)	*101*		*56 - 136*
1,2-Dichloroethane-d4 (Surr)	*101*		*62 - 137*

Method: 8270E - Semivolatile Organic Compounds (GC/MS)

Lab Sample ID: MB 240-633759/1-A
Matrix: Water
Analysis Batch: 634681

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 633759

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1'-Biphenyl	ND		1.0	0.49	ug/L		11/04/24 08:54	11/10/24 18:06	1
bis (2-chloroisopropyl) ether	ND		1.0	0.24	ug/L		11/04/24 08:54	11/10/24 18:06	1
2,4,5-Trichlorophenol	ND		5.0	2.0	ug/L		11/04/24 08:54	11/10/24 18:06	1
2,4,6-Trichlorophenol	ND		5.0	1.8	ug/L		11/04/24 08:54	11/10/24 18:06	1
2,4-Dichlorophenol	ND		2.0	0.26	ug/L		11/04/24 08:54	11/10/24 18:06	1
2,4-Dimethylphenol	ND		2.0	0.25	ug/L		11/04/24 08:54	11/10/24 18:06	1
2,4-Dinitrophenol	ND		10	2.6	ug/L		11/04/24 08:54	11/10/24 18:06	1
2,4-Dinitrotoluene	ND		5.0	2.1	ug/L		11/04/24 08:54	11/10/24 18:06	1
2,6-Dinitrotoluene	ND		5.0	1.1	ug/L		11/04/24 08:54	11/10/24 18:06	1
2-Chloronaphthalene	ND		1.0	0.23	ug/L		11/04/24 08:54	11/10/24 18:06	1
2-Chlorophenol	ND		1.0	0.27	ug/L		11/04/24 08:54	11/10/24 18:06	1
2-Methylnaphthalene	ND		0.20	0.11	ug/L		11/04/24 08:54	11/10/24 18:06	1
2-Methylphenol	ND		1.0	0.21	ug/L		11/04/24 08:54	11/10/24 18:06	1
2-Nitroaniline	ND		2.0	0.51	ug/L		11/04/24 08:54	11/10/24 18:06	1
2-Nitrophenol	ND		2.0	0.56	ug/L		11/04/24 08:54	11/10/24 18:06	1
3,3'-Dichlorobenzidine	ND		5.0	1.2	ug/L		11/04/24 08:54	11/10/24 18:06	1
3-Nitroaniline	ND		2.0	0.57	ug/L		11/04/24 08:54	11/10/24 18:06	1
4,6-Dinitro-2-methylphenol	ND		5.0	2.8	ug/L		11/04/24 08:54	11/10/24 18:06	1
4-Bromophenyl phenyl ether	ND		2.0	0.50	ug/L		11/04/24 08:54	11/10/24 18:06	1
4-Chloro-3-methylphenol	ND		2.0	0.30	ug/L		11/04/24 08:54	11/10/24 18:06	1
4-Chloroaniline	ND		2.0	0.32	ug/L		11/04/24 08:54	11/10/24 18:06	1
4-Chlorophenyl phenyl ether	ND		2.0	0.55	ug/L		11/04/24 08:54	11/10/24 18:06	1
4-Nitroaniline	ND		2.0	0.33	ug/L		11/04/24 08:54	11/10/24 18:06	1

Method: 8270E - Semivolatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: MB 240-633759/1-A
Matrix: Water
Analysis Batch: 634681

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 633759

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
4-Nitrophenol	ND		10	2.2	ug/L		11/04/24 08:54	11/10/24 18:06	1
Acenaphthene	ND		0.20	0.17	ug/L		11/04/24 08:54	11/10/24 18:06	1
Acenaphthylene	ND		0.20	0.13	ug/L		11/04/24 08:54	11/10/24 18:06	1
Acetophenone	ND		1.0	0.37	ug/L		11/04/24 08:54	11/10/24 18:06	1
Anthracene	ND		0.20	0.14	ug/L		11/04/24 08:54	11/10/24 18:06	1
Atrazine	ND		2.0	0.95	ug/L		11/04/24 08:54	11/10/24 18:06	1
Benzaldehyde	ND		2.0	0.76	ug/L		11/04/24 08:54	11/10/24 18:06	1
Benzo[a]anthracene	ND		0.20	0.068	ug/L		11/04/24 08:54	11/10/24 18:06	1
Benzo[a]pyrene	ND		0.20	0.17	ug/L		11/04/24 08:54	11/10/24 18:06	1
Benzo[b]fluoranthene	ND		0.20	0.15	ug/L		11/04/24 08:54	11/10/24 18:06	1
Benzo[g,h,i]perylene	ND		0.20	0.18	ug/L		11/04/24 08:54	11/10/24 18:06	1
Benzo[k]fluoranthene	ND		0.20	0.14	ug/L		11/04/24 08:54	11/10/24 18:06	1
Bis(2-chloroethoxy)methane	ND		1.0	0.22	ug/L		11/04/24 08:54	11/10/24 18:06	1
Bis(2-chloroethyl)ether	ND		1.0	0.40	ug/L		11/04/24 08:54	11/10/24 18:06	1
Bis(2-ethylhexyl) phthalate	ND		5.0	2.2	ug/L		11/04/24 08:54	11/10/24 18:06	1
Butyl benzyl phthalate	ND		2.0	0.67	ug/L		11/04/24 08:54	11/10/24 18:06	1
Caprolactam	ND		5.0	3.8	ug/L		11/04/24 08:54	11/10/24 18:06	1
Carbazole	ND		1.0	0.49	ug/L		11/04/24 08:54	11/10/24 18:06	1
Chrysene	ND		0.20	0.066	ug/L		11/04/24 08:54	11/10/24 18:06	1
Dibenz(a,h)anthracene	ND		0.20	0.15	ug/L		11/04/24 08:54	11/10/24 18:06	1
Dibenzofuran	ND		1.0	0.27	ug/L		11/04/24 08:54	11/10/24 18:06	1
Diethyl phthalate	ND		5.0	0.41	ug/L		11/04/24 08:54	11/10/24 18:06	1
Dimethyl phthalate	ND		2.0	0.52	ug/L		11/04/24 08:54	11/10/24 18:06	1
Di-n-butyl phthalate	ND		5.0	1.8	ug/L		11/04/24 08:54	11/10/24 18:06	1
Di-n-octyl phthalate	ND		2.0	0.82	ug/L		11/04/24 08:54	11/10/24 18:06	1
Fluoranthene	ND		0.20	0.16	ug/L		11/04/24 08:54	11/10/24 18:06	1
Fluorene	ND		0.20	0.079	ug/L		11/04/24 08:54	11/10/24 18:06	1
Hexachlorobenzene	ND		0.20	0.16	ug/L		11/04/24 08:54	11/10/24 18:06	1
Hexachlorobutadiene	ND		1.0	0.54	ug/L		11/04/24 08:54	11/10/24 18:06	1
Hexachlorocyclopentadiene	ND		10	1.8	ug/L		11/04/24 08:54	11/10/24 18:06	1
Hexachloroethane	ND		1.0	0.40	ug/L		11/04/24 08:54	11/10/24 18:06	1
Indeno[1,2,3-cd]pyrene	ND		0.20	0.14	ug/L		11/04/24 08:54	11/10/24 18:06	1
Isophorone	ND		1.0	0.32	ug/L		11/04/24 08:54	11/10/24 18:06	1
N-Nitrosodi-n-propylamine	ND		1.0	0.25	ug/L		11/04/24 08:54	11/10/24 18:06	1
N-Nitrosodiphenylamine	ND		1.0	0.44	ug/L		11/04/24 08:54	11/10/24 18:06	1
Naphthalene	ND		0.20	0.11	ug/L		11/04/24 08:54	11/10/24 18:06	1
Nitrobenzene	ND		1.0	0.51	ug/L		11/04/24 08:54	11/10/24 18:06	1
Pentachlorophenol	ND		10	3.1	ug/L		11/04/24 08:54	11/10/24 18:06	1
Phenanthrene	ND		0.20	0.080	ug/L		11/04/24 08:54	11/10/24 18:06	1
Phenol	ND		1.0	0.40	ug/L		11/04/24 08:54	11/10/24 18:06	1
Pyrene	ND		0.20	0.083	ug/L		11/04/24 08:54	11/10/24 18:06	1
3 & 4 Methylphenol	ND		2.0	0.19	ug/L		11/04/24 08:54	11/10/24 18:06	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Terphenyl-d14 (Surr)	*84*		*43 - 136*	*11/04/24 08:54*	*11/10/24 18:06*	*1*
Phenol-d5 (Surr)	*62*		*10 - 120*	*11/04/24 08:54*	*11/10/24 18:06*	*1*
Nitrobenzene-d5 (Surr)	*75*		*40 - 120*	*11/04/24 08:54*	*11/10/24 18:06*	*1*
2-Fluorophenol (Surr)	*98*		*10 - 127*	*11/04/24 08:54*	*11/10/24 18:06*	*1*

Method: 8270E - Semivolatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: MB 240-633759/1-A
Matrix: Water
Analysis Batch: 634681

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 633759

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
2-Fluorobiphenyl (Surr)	67		41 - 120	11/04/24 08:54	11/10/24 18:06	1
2,4,6-Tribromophenol (Surr)	53		23 - 127	11/04/24 08:54	11/10/24 18:06	1

Lab Sample ID: LCS 240-633759/2-A
Matrix: Water
Analysis Batch: 634681

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 633759

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
1,1'-Biphenyl	32.0	24.4		ug/L		76	48 - 120
bis (2-chloroisopropyl) ether	32.0	25.0		ug/L		78	34 - 126
2,4,5-Trichlorophenol	32.0	27.9		ug/L		87	51 - 129
2,4,6-Trichlorophenol	32.0	26.6		ug/L		83	51 - 128
2,4-Dichlorophenol	32.0	27.5		ug/L		86	57 - 122
2,4-Dimethylphenol	32.0	18.9		ug/L		59	33 - 120
2,4-Dinitrophenol	64.0	52.0		ug/L		81	27 - 126
2,4-Dinitrotoluene	32.0	28.1		ug/L		88	55 - 131
2,6-Dinitrotoluene	32.0	27.9		ug/L		87	54 - 134
2-Chloronaphthalene	32.0	24.7		ug/L		77	50 - 120
2-Chlorophenol	32.0	28.5		ug/L		89	57 - 120
2-Methylnaphthalene	32.0	24.0		ug/L		75	47 - 120
2-Methylphenol	32.0	28.7		ug/L		90	47 - 120
2-Nitroaniline	32.0	27.8		ug/L		87	51 - 138
2-Nitrophenol	32.0	27.0		ug/L		84	53 - 127
3,3'-Dichlorobenzidine	64.0	52.5		ug/L		82	39 - 150
3-Nitroaniline	32.0	30.5		ug/L		95	13 - 156
4,6-Dinitro-2-methylphenol	64.0	58.7		ug/L		92	45 - 130
4-Bromophenyl phenyl ether	32.0	29.1		ug/L		91	51 - 129
4-Chloro-3-methylphenol	32.0	28.1		ug/L		88	57 - 126
4-Chloroaniline	32.0	10.7		ug/L		33	10 - 120
4-Chlorophenyl phenyl ether	32.0	26.3		ug/L		82	52 - 122
4-Nitroaniline	32.0	37.0		ug/L		116	44 - 156
4-Nitrophenol	64.0	50.5		ug/L		79	14 - 120
Acenaphthene	32.0	24.3		ug/L		76	50 - 120
Acenaphthylene	32.0	25.9		ug/L		81	49 - 120
Acetophenone	32.0	26.5		ug/L		83	52 - 120
Anthracene	32.0	28.4		ug/L		89	55 - 124
Atrazine	32.0	30.4		ug/L		95	50 - 152
Benzaldehyde	32.0	30.3		ug/L		95	36 - 168
Benzo[a]anthracene	32.0	27.1		ug/L		85	55 - 130
Benzo[a]pyrene	32.0	27.5		ug/L		86	51 - 123
Benzo[b]fluoranthene	32.0	28.7		ug/L		90	51 - 130
Benzo[g,h,i]perylene	32.0	28.8		ug/L		90	55 - 135
Benzo[k]fluoranthene	32.0	29.1		ug/L		91	53 - 130
Bis(2-chloroethoxy)methane	32.0	26.6		ug/L		83	50 - 121
Bis(2-chloroethyl)ether	32.0	24.4		ug/L		76	47 - 120
Bis(2-ethylhexyl) phthalate	32.0	26.6		ug/L		83	45 - 142
Butyl benzyl phthalate	32.0	25.9		ug/L		81	48 - 140
Caprolactam	32.0	9.96		ug/L		31	10 - 120

Method: 8270E - Semivolatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: LCS 240-633759/2-A
Matrix: Water
Analysis Batch: 634681

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 633759

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Carbazole	32.0	31.3		ug/L		98	56 - 135
Chrysene	32.0	26.5		ug/L		83	52 - 126
Dibenz(a,h)anthracene	32.0	29.0		ug/L		91	57 - 132
Dibenzofuran	32.0	25.5		ug/L		80	52 - 120
Diethyl phthalate	32.0	27.7		ug/L		86	51 - 127
Dimethyl phthalate	32.0	27.9		ug/L		87	40 - 136
Di-n-butyl phthalate	32.0	30.5		ug/L		95	56 - 138
Di-n-octyl phthalate	32.0	27.0		ug/L		84	45 - 135
Fluoranthene	32.0	30.0		ug/L		94	56 - 135
Fluorene	32.0	25.7		ug/L		80	52 - 124
Hexachlorobenzene	32.0	28.2		ug/L		88	49 - 127
Hexachlorobutadiene	32.0	21.3		ug/L		67	36 - 120
Hexachlorocyclopentadiene	32.0	8.81	J	ug/L		28	10 - 120
Hexachloroethane	32.0	21.7		ug/L		68	39 - 120
Indeno[1,2,3-cd]pyrene	32.0	28.9		ug/L		90	55 - 134
Isophorone	32.0	28.2		ug/L		88	50 - 127
N-Nitrosodi-n-propylamine	32.0	30.4		ug/L		95	49 - 128
N-Nitrosodiphenylamine	32.0	28.2		ug/L		88	53 - 127
Naphthalene	32.0	23.1		ug/L		72	46 - 120
Nitrobenzene	32.0	27.4		ug/L		86	50 - 123
Pentachlorophenol	64.0	55.3		ug/L		86	24 - 124
Phenanthrene	32.0	27.0		ug/L		84	54 - 120
Phenol	32.0	27.1		ug/L		85	10 - 120
Pyrene	32.0	25.6		ug/L		80	53 - 135
3 & 4 Methylphenol	32.0	28.8		ug/L		90	41 - 120

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
Terphenyl-d14 (Surr)	*73*		*43 - 136*
Phenol-d5 (Surr)	*77*		*10 - 120*
Nitrobenzene-d5 (Surr)	*80*		*40 - 120*
2-Fluorophenol (Surr)	*124*		*10 - 127*
2-Fluorobiphenyl (Surr)	*70*		*41 - 120*
2,4,6-Tribromophenol (Surr)	*82*		*23 - 127*

Method: 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Lab Sample ID: MB 240-634211/1-A
Matrix: Water
Analysis Batch: 634336

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 634211

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aroclor-1016	ND		0.10	0.056	ug/L		11/06/24 12:50	11/07/24 14:02	1
Aroclor-1221	ND		0.10	0.057	ug/L		11/06/24 12:50	11/07/24 14:02	1
Aroclor-1232	ND		0.10	0.074	ug/L		11/06/24 12:50	11/07/24 14:02	1
Aroclor-1242	ND		0.10	0.076	ug/L		11/06/24 12:50	11/07/24 14:02	1
Aroclor-1248	ND		0.10	0.050	ug/L		11/06/24 12:50	11/07/24 14:02	1
Aroclor-1254	ND		0.10	0.040	ug/L		11/06/24 12:50	11/07/24 14:02	1
Aroclor-1260	ND		0.10	0.046	ug/L		11/06/24 12:50	11/07/24 14:02	1
Aroclor-1262	ND		0.10	0.058	ug/L		11/06/24 12:50	11/07/24 14:02	1

Method: 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography (Continued)

Lab Sample ID: MB 240-634211/1-A
Matrix: Water
Analysis Batch: 634336

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 634211

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aroclor-1268	ND		0.10	0.062	ug/L		11/06/24 12:50	11/07/24 14:02	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Tetrachloro-m-xylene	*56*		*10 - 149*	*11/06/24 12:50*	*11/07/24 14:02*	*1*
DCB Decachlorobiphenyl	*78*		*10 - 174*	*11/06/24 12:50*	*11/07/24 14:02*	*1*

Lab Sample ID: LCS 240-634211/2-A
Matrix: Water
Analysis Batch: 634336

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 634211

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Aroclor-1016	2.50	1.41		ug/L		56	28 - 140
Aroclor-1260	2.50	1.49		ug/L		60	39 - 153

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
Tetrachloro-m-xylene	*51*		*10 - 149*
DCB Decachlorobiphenyl	*58*		*10 - 174*

Method: 6010D - Metals (ICP)

Lab Sample ID: MB 240-633581/1-A
Matrix: Water
Analysis Batch: 633914

Client Sample ID: Method Blank
Prep Type: Total Recoverable
Prep Batch: 633581

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	ND		15	4.1	ug/L		11/01/24 14:00	11/04/24 08:48	1
Barium	ND		200	1.3	ug/L		11/01/24 14:00	11/04/24 08:48	1
Cadmium	ND		5.0	0.45	ug/L		11/01/24 14:00	11/04/24 08:48	1
Chromium	ND		10	0.76	ug/L		11/01/24 14:00	11/04/24 08:48	1
Copper	ND		25	3.5	ug/L		11/01/24 14:00	11/04/24 08:48	1
Lead	ND		10	2.8	ug/L		11/01/24 14:00	11/04/24 08:48	1
Selenium	ND		20	6.0	ug/L		11/01/24 14:00	11/04/24 08:48	1
Silver	ND		10	1.4	ug/L		11/01/24 14:00	11/04/24 08:48	1
Zinc	ND		50	23	ug/L		11/01/24 14:00	11/04/24 08:48	1

Lab Sample ID: LCS 240-633581/2-A
Matrix: Water
Analysis Batch: 633914

Client Sample ID: Lab Control Sample
Prep Type: Total Recoverable
Prep Batch: 633581

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Arsenic	2000	2020		ug/L		101	80 - 120
Barium	2000	1930		ug/L		97	80 - 120
Cadmium	1000	1000		ug/L		100	80 - 120
Chromium	1000	957		ug/L		96	80 - 120
Copper	1000	948		ug/L		95	80 - 120
Lead	1000	949		ug/L		95	80 - 120
Selenium	2000	2050		ug/L		102	80 - 120
Silver	100	98.5		ug/L		98	80 - 120
Zinc	1000	1000		ug/L		100	80 - 120

Method: 6010D - Metals (ICP)

Lab Sample ID: 240-214014-2 MS
Matrix: Water
Analysis Batch: 633914

Client Sample ID: EB-1-20241030
Prep Type: Total Recoverable
Prep Batch: 633581

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Arsenic	ND		2000	1990		ug/L		100	75 - 125
Barium	5.1	J	2000	1920		ug/L		96	75 - 125
Cadmium	ND		1000	995		ug/L		99	75 - 125
Chromium	1.1	J	1000	948		ug/L		95	75 - 125
Copper	ND		1000	937		ug/L		94	75 - 125
Lead	ND		1000	941		ug/L		94	75 - 125
Selenium	ND		2000	2020		ug/L		101	75 - 125
Silver	ND		100	97.2		ug/L		97	75 - 125
Zinc	ND		1000	999		ug/L		100	75 - 125

Lab Sample ID: 240-214014-2 MSD
Matrix: Water
Analysis Batch: 633914

Client Sample ID: EB-1-20241030
Prep Type: Total Recoverable
Prep Batch: 633581

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Arsenic	ND		2000	2080		ug/L		104	75 - 125	4	20
Barium	5.1	J	2000	2040		ug/L		102	75 - 125	6	20
Cadmium	ND		1000	1040		ug/L		104	75 - 125	4	20
Chromium	1.1	J	1000	1000		ug/L		100	75 - 125	6	20
Copper	ND		1000	988		ug/L		99	75 - 125	5	20
Lead	ND		1000	979		ug/L		98	75 - 125	4	20
Selenium	ND		2000	2100		ug/L		105	75 - 125	4	20
Silver	ND		100	102		ug/L		102	75 - 125	5	20
Zinc	ND		1000	1040		ug/L		104	75 - 125	4	20

Method: 7470A - Mercury (CVAA)

Lab Sample ID: MB 240-633879/1-A
Matrix: Water
Analysis Batch: 634146

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 633879

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	ND		0.20	0.13	ug/L		11/04/24 16:00	11/06/24 08:43	1

Lab Sample ID: LCS 240-633879/2-A
Matrix: Water
Analysis Batch: 634146

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 633879

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Mercury	5.00	4.87		ug/L		97	80 - 120

Lab Sample ID: 240-214014-2 MS
Matrix: Water
Analysis Batch: 634095

Client Sample ID: EB-1-20241030
Prep Type: Dissolved
Prep Batch: 633879

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Mercury	ND	F1	1.00	0.544	F1	ug/L		54	80 - 120

Method: 7470A - Mercury (CVAA) (Continued)

Lab Sample ID: 240-214014-2 MSD — **Client Sample ID: EB-1-20241030**
Matrix: Water — **Prep Type: Dissolved**
Analysis Batch: 634095 — **Prep Batch: 633879**

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Mercury	ND	F1	1.00	0.508	F1	ug/L		51	80 - 120	7	20

Method: 7196A - Chromium, Hexavalent

Lab Sample ID: MB 240-633405/3 — **Client Sample ID: Method Blank**
Matrix: Water — **Prep Type: Total/NA**
Analysis Batch: 633405

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chromium, hexavalent	ND		0.020	0.0070	mg/L			10/31/24 15:23	1

Lab Sample ID: LCS 240-633405/4 — **Client Sample ID: Lab Control Sample**
Matrix: Water — **Prep Type: Total/NA**
Analysis Batch: 633405

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Chromium, hexavalent	0.250	0.253		mg/L		101	85 - 115

Lab Sample ID: 240-214014-2 MS — **Client Sample ID: EB-1-20241030**
Matrix: Water — **Prep Type: Total/NA**
Analysis Batch: 633405

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Chromium, hexavalent	ND		0.250	0.276		mg/L		111	85 - 115

Lab Sample ID: 240-214014-2 MSD — **Client Sample ID: EB-1-20241030**
Matrix: Water — **Prep Type: Total/NA**
Analysis Batch: 633405

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Chromium, hexavalent	ND		0.250	0.245		mg/L		98	85 - 115	12	20

Method: 9012B - Cyanide, Total andor Amenable

Lab Sample ID: MB 240-634744/1-A — **Client Sample ID: Method Blank**
Matrix: Water — **Prep Type: Total/NA**
Analysis Batch: 634821 — **Prep Batch: 634744**

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cyanide, Total	ND		0.010	0.0060	mg/L		11/11/24 09:18	11/11/24 10:17	1

Lab Sample ID: LCS 240-634744/2-A — **Client Sample ID: Lab Control Sample**
Matrix: Water — **Prep Type: Total/NA**
Analysis Batch: 634821 — **Prep Batch: 634744**

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Cyanide, Total	0.327	0.361		mg/L		110	85 - 115

Method: 9012B - Cyanide, Total andor Amenable (Continued)

Lab Sample ID: MRL 240-634821/10
Matrix: Water
Analysis Batch: 634821

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	MRL Result	MRL Qualifier	Unit	D	%Rec	%Rec Limits
Cyanide, Total	0.0100	0.0101		mg/L		101	70 - 130

Method: OIA-1677 - Cyanide, Free (Flow Injection)

Lab Sample ID: MB 410-574306/17
Matrix: Water
Analysis Batch: 574306

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cyanide, Free	ND		0.0060	0.0050	mg/L			11/11/24 15:36	1

Lab Sample ID: MB 410-574306/33
Matrix: Water
Analysis Batch: 574306

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cyanide, Free	ND		0.0060	0.0050	mg/L			11/11/24 16:16	1

Lab Sample ID: LCS 410-574306/32
Matrix: Water
Analysis Batch: 574306

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Cyanide, Free	0.0500	0.0456		mg/L		91	82 - 132

GC/MS VOA

Analysis Batch: 634272

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
240-214014-1	TB-1-20241030	Total/NA	Water	8260D	
240-214014-2	EB-1-20241030	Total/NA	Water	8260D	
240-214014-3	RB-1-20241030	Total/NA	Water	8260D	
MB 240-634272/11	Method Blank	Total/NA	Water	8260D	
LCS 240-634272/5	Lab Control Sample	Total/NA	Water	8260D	

GC/MS Semi VOA

Prep Batch: 633759

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
240-214014-2	EB-1-20241030	Total/NA	Water	3510C LVI	
240-214014-3	RB-1-20241030	Total/NA	Water	3510C LVI	
MB 240-633759/1-A	Method Blank	Total/NA	Water	3510C LVI	
LCS 240-633759/2-A	Lab Control Sample	Total/NA	Water	3510C LVI	

Analysis Batch: 634681

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
240-214014-2	EB-1-20241030	Total/NA	Water	8270E	633759
240-214014-3	RB-1-20241030	Total/NA	Water	8270E	633759
MB 240-633759/1-A	Method Blank	Total/NA	Water	8270E	633759
LCS 240-633759/2-A	Lab Control Sample	Total/NA	Water	8270E	633759

GC Semi VOA

Prep Batch: 634211

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
240-214014-2	EB-1-20241030	Total/NA	Water	3510C	
240-214014-3	RB-1-20241030	Total/NA	Water	3510C	
MB 240-634211/1-A	Method Blank	Total/NA	Water	3510C	
LCS 240-634211/2-A	Lab Control Sample	Total/NA	Water	3510C	

Analysis Batch: 634336

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
240-214014-2	EB-1-20241030	Total/NA	Water	8082A	634211
240-214014-3	RB-1-20241030	Total/NA	Water	8082A	634211
MB 240-634211/1-A	Method Blank	Total/NA	Water	8082A	634211
LCS 240-634211/2-A	Lab Control Sample	Total/NA	Water	8082A	634211

Metals

Prep Batch: 633581

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
240-214014-2	EB-1-20241030	Dissolved	Water	3005A	
240-214014-2	EB-1-20241030	Total Recoverable	Water	3005A	
240-214014-3	RB-1-20241030	Dissolved	Water	3005A	
240-214014-3	RB-1-20241030	Total Recoverable	Water	3005A	
MB 240-633581/1-A	Method Blank	Total Recoverable	Water	3005A	
LCS 240-633581/2-A	Lab Control Sample	Total Recoverable	Water	3005A	
240-214014-2 MS	EB-1-20241030	Total Recoverable	Water	3005A	
240-214014-2 MSD	EB-1-20241030	Total Recoverable	Water	3005A	

Metals

Prep Batch: 633879

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
240-214014-2	EB-1-20241030	Dissolved	Water	7470A	
240-214014-2	EB-1-20241030	Total/NA	Water	7470A	
240-214014-3	RB-1-20241030	Dissolved	Water	7470A	
240-214014-3	RB-1-20241030	Total/NA	Water	7470A	
MB 240-633879/1-A	Method Blank	Total/NA	Water	7470A	
LCS 240-633879/2-A	Lab Control Sample	Total/NA	Water	7470A	
240-214014-2 MS	EB-1-20241030	Dissolved	Water	7470A	
240-214014-2 MSD	EB-1-20241030	Dissolved	Water	7470A	

Analysis Batch: 633914

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
240-214014-2	EB-1-20241030	Dissolved	Water	6010D	633581
240-214014-2	EB-1-20241030	Total Recoverable	Water	6010D	633581
240-214014-3	RB-1-20241030	Dissolved	Water	6010D	633581
240-214014-3	RB-1-20241030	Total Recoverable	Water	6010D	633581
MB 240-633581/1-A	Method Blank	Total Recoverable	Water	6010D	633581
LCS 240-633581/2-A	Lab Control Sample	Total Recoverable	Water	6010D	633581
240-214014-2 MS	EB-1-20241030	Total Recoverable	Water	6010D	633581
240-214014-2 MSD	EB-1-20241030	Total Recoverable	Water	6010D	633581

Analysis Batch: 634095

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
240-214014-2	EB-1-20241030	Dissolved	Water	7470A	633879
240-214014-2	EB-1-20241030	Total/NA	Water	7470A	633879
240-214014-3	RB-1-20241030	Dissolved	Water	7470A	633879
240-214014-3	RB-1-20241030	Total/NA	Water	7470A	633879
240-214014-2 MS	EB-1-20241030	Dissolved	Water	7470A	633879
240-214014-2 MSD	EB-1-20241030	Dissolved	Water	7470A	633879

Analysis Batch: 634146

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
MB 240-633879/1-A	Method Blank	Total/NA	Water	7470A	633879
LCS 240-633879/2-A	Lab Control Sample	Total/NA	Water	7470A	633879

General Chemistry

Analysis Batch: 574306

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
240-214014-2	EB-1-20241030	Total/NA	Water	OIA-1677	
240-214014-3	RB-1-20241030	Total/NA	Water	OIA-1677	
MB 410-574306/17	Method Blank	Total/NA	Water	OIA-1677	
MB 410-574306/33	Method Blank	Total/NA	Water	OIA-1677	
LCS 410-574306/32	Lab Control Sample	Total/NA	Water	OIA-1677	

Analysis Batch: 633405

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
240-214014-2	EB-1-20241030	Dissolved	Water	7196A	
240-214014-2	EB-1-20241030	Total/NA	Water	7196A	
240-214014-3	RB-1-20241030	Dissolved	Water	7196A	
240-214014-3	RB-1-20241030	Total/NA	Water	7196A	
MB 240-633405/3	Method Blank	Total/NA	Water	7196A	

General Chemistry (Continued)

Analysis Batch: 633405 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
LCS 240-633405/4	Lab Control Sample	Total/NA	Water	7196A	
240-214014-2 MS	EB-1-20241030	Total/NA	Water	7196A	
240-214014-2 MSD	EB-1-20241030	Total/NA	Water	7196A	

Prep Batch: 634744

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
240-214014-2	EB-1-20241030	Total/NA	Water	9012B	
240-214014-3	RB-1-20241030	Total/NA	Water	9012B	
MB 240-634744/1-A	Method Blank	Total/NA	Water	9012B	
LCS 240-634744/2-A	Lab Control Sample	Total/NA	Water	9012B	

Analysis Batch: 634821

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
240-214014-2	EB-1-20241030	Total/NA	Water	9012B	634744
240-214014-3	RB-1-20241030	Total/NA	Water	9012B	634744
MB 240-634744/1-A	Method Blank	Total/NA	Water	9012B	634744
LCS 240-634744/2-A	Lab Control Sample	Total/NA	Water	9012B	634744
MRL 240-634821/10	Lab Control Sample	Total/NA	Water	9012B	

Lab Chronicle

Client: August Mack Environmental, Inc.
Job ID: 240-214014-1
Project/Site: MSC Canfield - Soil/Surface Water

Client Sample ID: TB-1-20241030
Lab Sample ID: 240-214014-1
Date Collected: 10/30/24 00:00
Matrix: Water
Date Received: 10/31/24 11:38

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260D		1	634272	MDH	EET CLE	11/07/24 12:24

Client Sample ID: EB-1-20241030
Lab Sample ID: 240-214014-2
Date Collected: 10/30/24 17:45
Matrix: Water
Date Received: 10/31/24 11:38

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260D		1	634272	MDH	EET CLE	11/07/24 13:35
Total/NA	Prep	3510C LVI			633759	CR2J	EET CLE	11/04/24 08:54
Total/NA	Analysis	8270E		1	634681	JMG	EET CLE	11/11/24 03:11
Total/NA	Prep	3510C			634211	GBS	EET CLE	11/06/24 12:50
Total/NA	Analysis	8082A		1	634336	MBB	EET CLE	11/07/24 15:55
Dissolved	Prep	3005A			633581	BN	EET CLE	11/01/24 14:00
Dissolved	Analysis	6010D		1	633914	KLC	EET CLE	11/04/24 09:29
Total Recoverable	Prep	3005A			633581	BN	EET CLE	11/01/24 14:00
Total Recoverable	Analysis	6010D		1	633914	KLC	EET CLE	11/04/24 08:57
Dissolved	Prep	7470A			633879	XWS6	EET CLE	11/04/24 16:00
Dissolved	Analysis	7470A		1	634095	S4FJ	EET CLE	11/05/24 14:06
Total/NA	Prep	7470A			633879	XWS6	EET CLE	11/04/24 16:00
Total/NA	Analysis	7470A		1	634095	S4FJ	EET CLE	11/05/24 14:12
Dissolved	Analysis	7196A		1	633405	VH6H	EET CLE	10/31/24 15:25
Total/NA	Analysis	7196A		1	633405	VH6H	EET CLE	10/31/24 15:24
Total/NA	Prep	9012B			634744	BLW	EET CLE	11/11/24 09:18
Total/NA	Analysis	9012B		25	634821	BLW	EET CLE	11/11/24 10:55
Total/NA	Analysis	OIA-1677		1	574306	UJE2	ELLE	11/11/24 16:46

Client Sample ID: RB-1-20241030
Lab Sample ID: 240-214014-3
Date Collected: 10/30/24 18:05
Matrix: Water
Date Received: 10/31/24 11:38

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260D		1	634272	MDH	EET CLE	11/07/24 13:17
Total/NA	Prep	3510C LVI			633759	CR2J	EET CLE	11/04/24 08:54
Total/NA	Analysis	8270E		1	634681	JMG	EET CLE	11/11/24 03:34
Total/NA	Prep	3510C			634211	GBS	EET CLE	11/06/24 12:50
Total/NA	Analysis	8082A		1	634336	MBB	EET CLE	11/07/24 16:10
Dissolved	Prep	3005A			633581	BN	EET CLE	11/01/24 14:00
Dissolved	Analysis	6010D		1	633914	KLC	EET CLE	11/04/24 09:47
Total Recoverable	Prep	3005A			633581	BN	EET CLE	11/01/24 14:00
Total Recoverable	Analysis	6010D		1	633914	KLC	EET CLE	11/04/24 09:42
Dissolved	Prep	7470A			633879	XWS6	EET CLE	11/04/24 16:00
Dissolved	Analysis	7470A		1	634095	S4FJ	EET CLE	11/05/24 14:17
Total/NA	Prep	7470A			633879	XWS6	EET CLE	11/04/24 16:00
Total/NA	Analysis	7470A		1	634095	S4FJ	EET CLE	11/05/24 14:18

Lab Chronicle

Client: August Mack Environmental, Inc.
Job ID: 240-214014-1
Project/Site: MSC Canfield - Soil/Surface Water

Client Sample ID: RB-1-20241030
Lab Sample ID: 240-214014-3

Date Collected: 10/30/24 18:05
Matrix: Water

Date Received: 10/31/24 11:38

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Dissolved	Analysis	7196A		1	633405	VH6H	EET CLE	10/31/24 15:26
Total/NA	Analysis	7196A		1	633405	VH6H	EET CLE	10/31/24 15:26
Total/NA	Prep	9012B			634744	BLW	EET CLE	11/11/24 09:18
Total/NA	Analysis	9012B		25	634821	BLW	EET CLE	11/11/24 11:00
Total/NA	Analysis	OIA-1677		1	574306	UJE2	ELLE	11/11/24 16:49

Laboratory References:

EET CLE = Eurofins Cleveland, 180 S. Van Buren Avenue, Barberton, OH 44203, TEL (330)497-9396

ELLE = Eurofins Lancaster Laboratories Environment Testing, LLC, 2425 New Holland Pike, Lancaster, PA 17601, TEL (717)656-2300

Accreditation/Certification Summary

Client: August Mack Environmental, Inc. Job ID: 240-214014-1
Project/Site: MSC Canfield - Soil/Surface Water

Laboratory: Eurofins Cleveland

All accreditations/certifications held by this laboratory are listed. Not all accreditations/certifications are applicable to this report.

Authority	Program	Identification Number	Expiration Date
California	State	2927	02-28-25
Connecticut	State	PH-0806	12-31-26
Georgia	State	4062	02-27-25
Illinois	NELAP	200004	08-31-25
Iowa	State	421	06-01-25
Kentucky (UST)	State	112225	02-27-25
Kentucky (WW)	State	KY98016	12-30-24
Minnesota	NELAP	039-999-348	12-31-24
New Hampshire	NELAP	225024	09-30-25
New Jersey	NELAP	OH001	07-03-25
New York	NELAP	10975	04-02-25
Ohio VAP	State	ORELAP 4062	02-27-25
Oregon	NELAP	4062	02-27-25
Pennsylvania	NELAP	68-00340	08-31-25
Texas	NELAP	T104704517-22-19	08-31-25
USDA	US Federal Programs	P330-18-00281	01-05-27
Virginia	NELAP	460175	09-14-25
West Virginia DEP	State	210	12-31-24

Laboratory: Eurofins Lancaster Laboratories Environment Testing, LLC

All accreditations/certifications held by this laboratory are listed. Not all accreditations/certifications are applicable to this report.

Authority	Program	Identification Number	Expiration Date
A2LA	Dept. of Defense ELAP	0001.01	11-30-26
A2LA	Dept. of Energy	0001.01	11-30-26
A2LA	ISO/IEC 17025	0001.01	11-30-26
Alabama	State	43200	01-31-25
Alaska	State	PA00009	06-30-25
Alaska (UST)	State	17-027	02-28-25
Arizona	State	AZ0780	03-12-25
Arkansas DEQ	State	88-00660	08-09-25
California	State	2792	11-30-24
Colorado	State	PA00009	06-30-25
Connecticut	State	PH-0746	06-30-25
DE Haz. Subst. Cleanup Act (HSCA)	State	019-006 (PA cert)	01-31-25
Delaware (DW)	State	N/A	01-31-25
Florida	NELAP	E87997	06-30-25
Georgia (DW)	State	C048	01-31-25
Hawaii	State	N/A	01-31-25
Illinois	NELAP	200027	01-31-25
Iowa	State	361	03-01-26
Kansas	NELAP	E-10151	10-31-25
Kentucky (DW)	State	KY90088	12-31-24
Kentucky (UST)	State	0001.01	11-30-26
Kentucky (WW)	State	KY90088	12-31-24
Louisiana (All)	NELAP	02055	06-30-25
Maine	State	2019012	03-12-25
Maryland	State	100	06-30-25
Massachusetts	State	M-PA009	06-30-25
Michigan	State	9930	01-31-25

Accreditation/Certification Summary

Client: August Mack Environmental, Inc. Job ID: 240-214014-1
Project/Site: MSC Canfield - Soil/Surface Water

Laboratory: Eurofins Lancaster Laboratories Environment Testing, LLC (Continued)

All accreditations/certifications held by this laboratory are listed. Not all accreditations/certifications are applicable to this report.

Authority	Program	Identification Number	Expiration Date
Minnesota	NELAP	042-999-487	12-31-24
Mississippi	State	023	01-31-25
Missouri	State	450	01-31-25
Montana (DW)	State	0098	01-01-25
Nebraska	State	NE-OS-32-17	01-31-25
New Hampshire	NELAP	2730	01-10-25
New Jersey	NELAP	PA011	06-30-25
New York	NELAP	10670	04-01-25
North Carolina (DW)	State	42705	07-31-25
North Carolina (WW/SW)	State	521	12-31-25
North Dakota	State	R-205	01-31-24 *
Oklahoma	NELAP	9804	08-31-24 *
Oregon	NELAP	PA200001	09-11-25
Pennsylvania	NELAP	36-00037	01-31-25
Quebec Ministry of Environment and Fight against Climate Change	PALA	507	09-16-29
Rhode Island	State	LAO00338	12-30-24
South Carolina	State	89002	01-31-25
Tennessee	State	02838	01-31-25
Texas	NELAP	T104704194-23-46	08-31-25
USDA	US Federal Programs	525-22-298-19481	10-25-25
Vermont	State	VT - 36037	10-28-25
Virginia	NELAP	460182	06-14-25
Washington	State	C457	04-11-25
West Virginia (DW)	State	9906 C	01-31-25
West Virginia DEP	State	055	07-31-25
Wyoming	State	8TMS-L	01-31-25
Wyoming (UST)	A2LA	0001.01	11-30-26

* Accreditation/Certification renewal pending - accreditation/certification considered valid.

Eurofins Cleveland
180 S. Van Buren Avenue
Barberton, OH 44203
Phone (330) 497-9396 Phone (330) 497-0772

Chain of Custody Record

eurofins | Environment Testing

Client Information	Sampler: A. Crone	Lab PM: Kalis, Nicole A	Carrier Tracking No(s):	COC No: 240-124901-43556.12
Client Contact: Kain Lager-Lowe	Phone:	E-Mail: Nicole.Kalis@et.eurofinsus.com	State of Origin:	Page: Page 12 of 12
Company: August Mack Environmental, Inc.	PWSID:			Job #:
Address: 7830 North Central Drive, Suite B	Due Date Requested:			
City: Lewis Center	TAT Requested (days): Standard			
State, Zip: OH, 43035	Compliance Project: Δ Yes Δ No			
Phone: 740-548-1515(Tel)	PO #:			
Email: klagerlowe@augustmack.com	WO #:			
Project Name: MSC Canfield - Soil/Surface Water	Project #: DO NOT DELETE - 24033889			
Site:	SSOW#:			

Analysis Requested

Preservation Codes:
N - None
A - HCL
B - NaOH
D - HNO3
Other:

Sample Identification	Sample Date	Sample Time	Sample Type (C=comp, G=grab)	Matrix (W=water, S=solid, O=waste/oil, BT=Tissue, A=Air)	Field Filtered Sample (Yes or No)	Perform MS/MSD (Yes or No)	8260D - VOCs	8270E - SVOCs	8082A - PCBs	9012B - Total Cyanid	1677 - Free Cyanide	6010D/7470A - Total RCRA 8, Cu & Zn	7196A - Total Hexavalent Chromium	6010D/7470A - Dissolved RCRA 8, Cu & Zn	7196 - Dissolved Hexavalent Chromium	6010 - Dissolved Zinc	7196A - Dis. Hexavalent Chromium - Field Filter	1677_Free - Cyanide, Free		Total Number of containers	Special Instructions/Note:
			Preservation Code:		X	X	A	N	N	B	B	D	N	D	N	D	N	B			
TB-1-20241030	10/30/24	—	G	Water			X													1	
EB-1-20241030	10/30/24	1745	G	Water	X		X	X	X	X		X	X	X			X	X		13	
RB-1-20241030	10/30/24	1805	G	Water	X		X	X	X	X		X	X	X			X	X		13	
				Water																	
				Water																	
				Water																	
				Water																	
				Water																	
				Water																	
				Water																	
				Water																	

240-214014 COC

Possible Hazard Identification
☐ Non-Hazard ☐ Flammable ☐ Skin Irritant ☐ Poison B ☐ Unknown ☐ Radiological

Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)
☐ Return To Client ☐ Disposal By Lab ☐ Archive For _____ Months

Deliverable Requested: I, II, III, IV, Other (specify)

Special Instructions/QC Requirements:

Empty Kit Relinquished by:	Date:	Time:	Method of Shipment:

	Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company
1		10/31/24 0957			10/31/24 0957	EUR
2	Relinquished by:	Date/Time: 10/31/24 1107	Company EUR	Received by: MALISSA LUAN	Date/Time: 10-31-24 11:07	Company
3	Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company

Custody Seals Intact: Δ Yes Δ No | Custody Seal No.: | Cooler Temperature(s) °C and Other Remarks:

Eurofins – Cleveland Sample Receipt Form/Narrative **Login # :** _____
Barberton Facility

Client: AUGUST MAC Site Name _____ Cooler unpacked by: M. Loal
Cooler Received on 10 31 24 Opened on 10 31 24
FedEx: 1st Grd Exp UPS FAS Waypoint Client Drop Off Eurofins Courier Other _____
Receipt After-hours. Drop-off Date/Time _____ Storage Location _____
Eurofins Cooler # C C Foam Box Client Cooler Box Other _____
Packing material used: Bubble Wrap Foam Plastic Bag None Other _____
COOLANT: Wet Ice Blue Ice Dry Ice Water None

1 Cooler temperature upon receipt ☐ See Multiple Cooler Form
IR GUN # 17 (CF +0.1 °C) Observed Cooler Temp. 2.4 °C Corrected Cooler Temp. 2.5 °C

2. Were tamper/custody seals on the outside of the cooler(s)? If Yes Quantity _____ Yes No
-Were the seals on the outside of the cooler(s) signed & dated? Yes No NA
-Were tamper/custody seals on the bottle(s) or bottle kits (LLHg/MeHg)? Yes No
-Were tamper/custody seals intact and uncompromised? Yes No NA
3 Shippers' packing slip attached to the cooler(s)? Yes No
4. Did custody papers accompany the sample(s)? Yes No
5 Were the custody papers relinquished & signed in the appropriate place? Yes No
6. Was/were the person(s) who collected the samples clearly identified on the COC? Yes No
7 Did all bottles arrive in good condition (Unbroken)? Yes No
8 Could all bottle labels (ID/Date/Time) be reconciled with the COC? Yes No
9 For each sample, does the COC specify preservatives (Y/N), # of containers (Y/N), and sample type of grab/comp(Y/N)?
10 Were correct bottle(s) used for the test(s) indicated? Yes No
11 Sufficient quantity received to perform indicated analyses? Yes No
12 Are these work share samples and all listed on the COC? Yes No
If yes, Questions 13-17 have been checked at the originating laboratory
13 Were all preserved sample(s) at the correct pH upon receipt? Yes No NA pH Strip Lot# HC447997
14 Were VOAs on the COC? Yes No
15 Were air bubbles >6 mm in any VOA vials? ● ⬅ Larger than this Yes No NA
16. Was a VOA trip blank present in the cooler(s)? Trip Blank Lot # _____ Yes No
17 Was a LL Hg or Me Hg trip blank present? _____ Yes No

Tests that are not checked for pH by Receiving:
VOAs
Oil and Grease
TOC

Contacted PM _____ Date _____ by _____ via Verbal Voice Mail Other

Concerning _____

18. CHAIN OF CUSTODY & SAMPLE DISCREPANCIES ☐ additional next page Samples processed by:

_____
_____
_____
_____

19. SAMPLE CONDITION
Sample(s) _____ were received after the recommended holding time had expired
Sample(s) _____ were received in a broken container
Sample(s) _____ were received with bubble >6 mm in diameter (Notify PM)

20. SAMPLE PRESERVATION

Sample(s) _____ were further preserved in the laboratory
Time preserved. _____ Preservative(s) added/Lot number(s): _____

VOA Sample Preservation - Date/Time VOAs Frozen _____

10/31/2024

Login Container Summary Report

240-214014

11/14/2024

Temperature readings _____

Client Sample ID	Lab ID	Container Type	Container pH	Container Temp	Preservation Added	Preservation Lot Number
TB-1-20241030	240-214014-A-1	Voa Vial 40ml - Hydrochloric Acid				
TB-1-20241030	240-214014-B-1	Voa Vial 40ml - Hydrochloric Acid				
TB-1-20241030	240-214014-C-1	Voa Vial 40ml - Hydrochloric Acid				
TB-1-20241030	240-214014-D-1	Amber Plastic 125 mL - NaOH	>12			
TB-1-20241030	240-214014-E-1	Plastic 250ml - with Sodium Hydroxide	>12			
TB-1-20241030	240-214014-F-1	Amber Glass 250ml - unpreserved				
TB-1-20241030	240-214014-G-1	Amber Glass 250ml - unpreserved				
TB-1-20241030	240-214014-H-1	Plastic 500ml - unpreserved				
TB-1-20241030	240-214014-I-1	Plastic 500 mL - unpreserved - dis				
TB-1-20241030	240-214014-J-1	Plastic 500ml - with Nitric Acid				
TB-1-20241030	240-214014-K-1	Plastic 500ml - w/ Nitric - Dis.				
TB-1-20241030	240-214014-L-1	Amber Glass 1 liter - unpreserved				
TB-1-20241030	240-214014-M-1	Amber Glass 1 liter - unpreserved				
EB-1-20241030	240-214014-A-2	Voa Vial 40ml - Hydrochloric Acid				
EB-1-20241030	240-214014-B-2	Voa Vial 40ml - Hydrochloric Acid				
EB-1-20241030	240-214014-C-2	Voa Vial 40ml - Hydrochloric Acid				
EB-1-20241030	240-214014-D-2	Amber Plastic 125 mL - NaOH	>12			
EB-1-20241030	240-214014-E-2	Plastic 250ml - with Sodium Hydroxide	>12			
EB-1-20241030	240-214014-F-2	Amber Glass 250ml - unpreserved				
EB-1-20241030	240-214014-G-2	Amber Glass 250ml - unpreserved				
EB-1-20241030	240-214014-H-2	Plastic 500ml - unpreserved				
EB-1-20241030	240-214014-I-2	Plastic 500 mL - unpreserved - dis				
EB-1-20241030	240-214014-J-2	Plastic 500ml - with Nitric Acid				
EB-1-20241030	240-214014-K-2	Plastic 500ml - w/ Nitric - Dis.				
EB-1-20241030	240-214014-L-2	Amber Glass 1 liter - unpreserved				
EB-1-20241030	240-214014-M-2	Amber Glass 1 liter - unpreserved				
RB-1-20241030	240-214014-A-3	Voa Vial 40ml - Hydrochloric Acid				

Eurofins Cleveland
180 S. Van Buren Avenue
Barberton, OH 44203
Phone: 330-497-9396 Fax: 330-497-0772

Chain of Custody Record

eurofins | Environment Testing

Client Information (Sub Contract Lab)	Sampler: N/A	Lab PM: Kalis, Nicole A	Carrier Tracking No(s): N/A	COC No: 240-193128.1
Client Contact: Shipping/Receiving	Phone: N/A	E-Mail: Nicole.Kalis@et.eurofinsus.com	State of Origin: Ohio	Page: Page 1 of 1
Company: Eurofins Lancaster Laboratories Environm		Accreditations Required (See note): N/A		Job #: 240-214014-1
Address: 2425 New Holland Pike, ,	Due Date Requested: 11/13/2024			Preservation Codes: -
City: Lancaster	TAT Requested (days): N/A			
State, Zip: PA, 17601				
Phone: 717-656-2300(Tel)	PO #: N/A			
Email: N/A	WO #: N/A			
Project Name: MSC Canfield	Project #: 24033889			
Site: N/A	SSOW#: N/A			Other: N/A

Analysis Requested

Sample Identification - Client ID (Lab ID)	Sample Date	Sample Time	Sample Type (C=comp, G=grab)	Matrix (W=water, S=solid, O=waste/oil, BT=Tissue, A=Air)	Filtered Sample (Yes or No)	Perform MS/MSD (Yes or No)	1677_Free/ Cyanide, Free	Total Number of containers	Special Instructions/Note:
			Preservation Code:		X	X		X	
EB-1-20241030 (240-214014-2)	10/30/24	17:45 Eastern	G	Water			X	1	Use caution! Site contaminated with solvent waste

Note: Since laboratory accreditations are subject to change, Eurofins Environment Testing North Central, LLC places the ownership of method, analyte & accreditation compliance upon our subcontract laboratories. This sample shipment is forwarded under chain-of-custody. If the laboratory does not currently maintain accreditation in the State of Origin listed above for analysis/tests/matrix being analyzed, the samples must be shipped back to the Eurofins Environment Testing North Central, LLC laboratory or other instructions will be provided. Any changes to accreditation status should be brought to Eurofins Environment Testing North Central, LLC attention immediately. If all requested accreditations are current to date, return the signed Chain of Custody attesting to said compliance to Eurofins Environment Testing North Central, LLC

Possible Hazard Identification *Unconfirmed*	*Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)* ☐ *Return To Client* ☐ *Disposal By Lab* ☐ *Archive For* _____ *Months*
Deliverable Requested: I, II, III, IV, Other (specify) Primary Deliverable Rank: 2	Special Instructions/QC Requirements:

Empty Kit Relinquished by:	Date:	Time:	Method of Shipment:		
Relinquished by: MALISSA LOAR	Date/Time: 10-31-24	Company	Received by:	Date/Time:	Company
Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company
Relinquished by:	Date/Time:	Company	Received by: [signature]	Date/Time: 11/1/24 10:00	Company: ELVET
Custody Seals Intact: Δ Yes Δ No	Custody Seal No.:		Cooler Temperature(s) °C and Other Remarks: R12.9		C12.6

Ver: 10/10/2024

11/14/2024

Eurofins Cleveland
180 S. Van Buren Avenue
Barberton, OH 44203
Phone: 330-497-9396 Fax: 330-497-0772

Chain of Custody Record

eurofins | Environment Testing

Client Information (Sub Contract Lab)	Sampler: N/A	Lab PM: Kalis, Nicole A	Carrier Tracking No(s): N/A	COC No: 240-193173.1
Client Contact: Shipping/Receiving	Phone: N/A	E-Mail: Nicole.Kalis@et.eurofinsus.com	State of Origin: Ohio	Page: Page 1 of 1
Company: Eurofins Lancaster Laboratories Environm		Accreditations Required (See note): N/A		Job #: 240-214014-1
Address: 2425 New Holland Pike, ,	Due Date Requested: 11/13/2024			
City: Lancaster	TAT Requested (days): N/A			
State, Zip: PA, 17601				
Phone: 717-656-2300(Tel)	PO #: N/A			
Email: N/A	WO #: N/A			
Project Name: MSC Canfield	Project #: 24033889			
Site: N/A	SSOW#: N/A			

Analysis Requested

Preservation Codes:

Other: N/A

Sample Identification - Client ID (Lab ID)	Sample Date	Sample Time	Sample Type (C=comp, G=grab)	Matrix (W=water, S=solid, O=waste/oil, BT=Tissue, A=Air)	Field Filtered Sample (Yes or No)	Perform MS/MSD (Yes or No)	1677_Free/ Cyanide, Free	Total Number of containers	Special Instructions/Note:
			Preservation Code:						
RB-1-20241030 (240-214014-3)	10/30/24	18.05 Eastern	G	Water			X	1	Use caution! Site contaminated with solvent waste

Note: Since laboratory accreditations are subject to change, Eurofins Environment Testing North Central, LLC places the ownership of method, analyte & accreditation compliance upon our subcontract laboratories. This sample shipment is forwarded under chain-of-custody. If the laboratory does not currently maintain accreditation in the State of Origin listed above for analysis/tests/matrix being analyzed, the samples must be shipped back to the Eurofins Environment Testing North Central, LLC laboratory or other instructions will be provided. Any changes to accreditation status should be brought to Eurofins Environment Testing North Central, LLC attention immediately. If all requested accreditations are current to date, return the signed Chain of Custody attesting to said compliance to Eurofins Environment Testing North Central, LLC.

Possible Hazard Identification	Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)
Unconfirmed	☐ Return To Client ☐ Disposal By Lab ☐ Archive For _____ Months
Deliverable Requested: I, II, III, IV, Other (specify) Primary Deliverable Rank: 2	Special Instructions/QC Requirements:

Empty Kit Relinquished by:	Date:	Time:	Method of Shipment:

	Relinquished by: MALISSA LOAR	Date/Time: 11-1-24	Company	Received by:	Date/Time:	Company
	Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company
	Relinquished by:	Date/Time:	Company	Received by:	Date/Time: 11/2/24 0905	Company

Custody Seals Intact: ☒ Yes ☐ No	Custody Seal No.:	Cooler Temperature(s) °C and Other Remarks: raw-5.8 cor-5.6

Login Sample Receipt Checklist

Client: August Mack Environmental, Inc.

Job Number: 240-214014-1

Login Number: 214014
List Number: 2
Creator: Santiago, Nathaniel

List Source: Eurofins Lancaster Laboratories Environment Testing, LLC
List Creation: 11/01/24 01:58 PM

Question	Answer	Comment
The cooler's custody seal is intact.	N/A	
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	True	
Cooler Temperature acceptable,where thermal pres is required(</=6C, not frozen).	True	
Cooler Temperature is recorded.	True	
WV:Container Temp acceptable,where thermal pres is required (</=6C, not frozen).	N/A	
WV: Container Temperature is recorded.	N/A	
COC is present.	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information.	True	
There are no discrepancies between the containers received and the COC.	False	Received extra samples not listed on COC.
Sample containers have legible labels.	True	
Containers are not broken or leaking.	True	
Sample collection date/times are provided.	True	
Appropriate sample containers are used.	True	
Sample bottles are completely filled.	True	
There is sufficient vol. for all requested analyses.	True	
Is the Field Sampler's name present on COC?	False	Received project as a subcontract.
Sample custody seals are intact.	N/A	
VOA sample vials do not have headspace >6mm in diameter (none, if from WV)?	N/A	

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ANALYTICAL REPORT

PREPARED FOR

Attn: Kain Lager-Lowe
August Mack Environmental, Inc.
7830 North Central Drive, Suite B
Lewis Center, Ohio 43035

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JOB DESCRIPTION

MSC Canfield

JOB NUMBER

240-214504-1

Eurofins Cleveland
180 S. Van Buren Avenue
Barberton OH 44203

See page two for job notes and contact information.

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Job Notes

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The test results in this report relate only to the samples as received by the laboratory and will meet all requirements of the methodology, with any exceptions noted. This report shall not be reproduced except in full, without the express written approval of the laboratory. All questions should be directed to the Eurofins Environment Testing North Central, LLC Project Manager.

Authorization



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Definitions/Glossary

Client: August Mack Environmental, Inc.
Project/Site: MSC Canfield

Job ID: 240-214504-1

Qualifiers

GC Semi VOA

Qualifier	Qualifier Description
J	Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.

Metals

Qualifier	Qualifier Description
J	Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.

Glossary

Abbreviation	These commonly used abbreviations may or may not be present in this report.
☼	Listed under the "D" column to designate that the result is reported on a dry weight basis
%R	Percent Recovery
CFL	Contains Free Liquid
CFU	Colony Forming Unit
CNF	Contains No Free Liquid
DER	Duplicate Error Ratio (normalized absolute difference)
Dil Fac	Dilution Factor
DL	Detection Limit (DoD/DOE)
DL, RA, RE, IN	Indicates a Dilution, Re-analysis, Re-extraction, or additional Initial metals/anion analysis of the sample
DLC	Decision Level Concentration (Radiochemistry)
EDL	Estimated Detection Limit (Dioxin)
LOD	Limit of Detection (DoD/DOE)
LOQ	Limit of Quantitation (DoD/DOE)
MCL	EPA recommended "Maximum Contaminant Level"
MDA	Minimum Detectable Activity (Radiochemistry)
MDC	Minimum Detectable Concentration (Radiochemistry)
MDL	Method Detection Limit
ML	Minimum Level (Dioxin)
MPN	Most Probable Number
MQL	Method Quantitation Limit
NC	Not Calculated
ND	Not Detected at the reporting limit (or MDL or EDL if shown)
NEG	Negative / Absent
POS	Positive / Present
PQL	Practical Quantitation Limit
PRES	Presumptive
QC	Quality Control
RER	Relative Error Ratio (Radiochemistry)
RL	Reporting Limit or Requested Limit (Radiochemistry)
RPD	Relative Percent Difference, a measure of the relative difference between two points
TEF	Toxicity Equivalent Factor (Dioxin)
TEQ	Toxicity Equivalent Quotient (Dioxin)
TNTC	Too Numerous To Count

Job ID: 240-214504-1 Eurofins Cleveland

Job Narrative
240-214504-1

Analytical test results meet all requirements of the associated regulatory program listed on the Accreditation/Certification Summary Page unless otherwise noted under the individual analysis. Data qualifiers and/or narrative comments are included to explain any exceptions, if applicable.

- Matrix QC may not be reported if insufficient sample is provided or site-specific QC samples were not submitted. In these situations, to demonstrate precision and accuracy at a batch level, a LCS/LCSD may be performed, unless otherwise specified in the method.
- Surrogate and/or isotope dilution analyte recoveries (if applicable) which are outside of the QC window are confirmed unless attributed to a dilution or otherwise noted in the narrative.

Regulated compliance samples (e.g. SDWA, NPDES) must comply with the associated agency requirements/permits.

Receipt
The sample was received on 11/7/2024 4:00 PM. Unless otherwise noted below, the sample arrived in good condition, and, where required, properly preserved and on ice. The temperature of the cooler at receipt time was 4.4°C.

Herbicides
No additional analytical or quality issues were noted, other than those described above or in the Definitions/ Glossary page.

Pesticides
No additional analytical or quality issues were noted, other than those described above or in the Definitions/ Glossary page.

Metals
Method 6010D - TCLP: TCLP method requires the matrix spike/matrix spike duplicate (MS/MSD) samples to be spiked prior to preservation. The samples were leached on 11/11/24 and were preserved at that time. Due to prep lab being down. &commaMerge&>

Method 7470A - TCLP: TCLP method requires the matrix spike/matrix spike duplicate (MS/MSD) samples to be spiked prior to preservation. The samples were leached on 11/11/24 and were preserved at that time. Due to prep lab being down.

T250-E-0.0 (240-214504-1)

No additional analytical or quality issues were noted, other than those described above or in the Definitions/ Glossary page.

Method Summary

Client: August Mack Environmental, Inc.
Project/Site: MSC Canfield

Job ID: 240-214504-1

Method	Method Description	Protocol	Laboratory
8081B	Organochlorine Pesticides (GC)	SW846	EET CLE
8151A	Herbicides (GC)	SW846	EET EDI
6010D	Metals (ICP)	SW846	EET CLE
7470A	Mercury (CVAA)	SW846	EET CLE
1311	TCLP Extraction	SW846	EET CLE
1311	TCLP Extraction	SW846	EET EDI
3010A	Preparation, Total Metals	SW846	EET CLE
3510C	Liquid-Liquid Extraction (Separatory Funnel)	SW846	EET CLE
7470A	Preparation, Mercury	SW846	EET CLE
8151A	Extraction (Herbicides)	SW846	EET EDI

Protocol References:

SW846 = "Test Methods For Evaluating Solid Waste, Physical/Chemical Methods", Third Edition, November 1986 And Its Updates.

Laboratory References:

EET CLE = Eurofins Cleveland, 180 S. Van Buren Avenue, Barberton, OH 44203, TEL (330)497-9396

EET EDI = Eurofins Edison, 777 New Durham Road, Edison, NJ 08817, TEL (732)549-3900

Sample Summary

Client: August Mack Environmental, Inc.
Project/Site: MSC Canfield

Job ID: 240-214504-1

Lab Sample ID	Client Sample ID	Matrix	Collected	Received
240-214504-1	T250-E-0.0	Solid	11/07/24 13:17	11/07/24 16:00

Detection Summary

Client: August Mack Environmental, Inc.
Project/Site: MSC Canfield

Job ID: 240-214504-1

Client Sample ID: T250-E-0.0

Lab Sample ID: 240-214504-1

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Arsenic	0.019	J	0.050	0.0041	mg/L	1		6010D	TCLP
Barium	0.82		0.50	0.0013	mg/L	1		6010D	TCLP
Cadmium	0.00084	J	0.050	0.00045	mg/L	1		6010D	TCLP
Chromium	0.012	J	0.050	0.00076	mg/L	1		6010D	TCLP
Lead	0.0028	J	0.050	0.0028	mg/L	1		6010D	TCLP
Selenium	0.013	J	0.050	0.0060	mg/L	1		6010D	TCLP

This Detection Summary does not include radiochemical test results.

Client: August Mack Environmental, Inc.
Project/Site: MSC Canfield

Job ID: 240-214504-1

Client Sample ID: T250-E-0.0
Date Collected: 11/07/24 13:17
Date Received: 11/07/24 16:00

Lab Sample ID: 240-214504-1
Matrix: Solid

Method: SW846 8081B - Organochlorine Pesticides (GC) - TCLP

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chlordane (technical)	ND		0.0050	0.000047	mg/L		11/11/24 14:09	11/12/24 14:03	1
Endrin	ND		0.00050	0.0000065	mg/L		11/11/24 14:09	11/12/24 14:03	1
Heptachlor	ND		0.00050	0.0000082	mg/L		11/11/24 14:09	11/12/24 14:03	1
Heptachlor epoxide	ND		0.00050	0.0000064	mg/L		11/11/24 14:09	11/12/24 14:03	1
gamma-BHC (Lindane)	ND		0.00050	0.0000060	mg/L		11/11/24 14:09	11/12/24 14:03	1
Methoxychlor	ND		0.0010	0.0000047	mg/L		11/11/24 14:09	11/12/24 14:03	1
Toxaphene	ND		0.020	0.000058	mg/L		11/11/24 14:09	11/12/24 14:03	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
DCB Decachlorobiphenyl	*68*		*10 - 145*	*11/11/24 14:09*	*11/12/24 14:03*	*1*
DCB Decachlorobiphenyl	*70*		*10 - 145*	*11/11/24 14:09*	*11/12/24 14:03*	*1*
Tetrachloro-m-xylene	*67*		*10 - 123*	*11/11/24 14:09*	*11/12/24 14:03*	*1*
Tetrachloro-m-xylene	*63*		*10 - 123*	*11/11/24 14:09*	*11/12/24 14:03*	*1*

Method: SW846 8151A - Herbicides (GC) - TCLP

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2,4-D	ND		0.083	0.0050	mg/L		11/12/24 08:41	11/13/24 08:31	1
Silvex (2,4,5-TP)	ND		0.083	0.0040	mg/L		11/12/24 08:41	11/13/24 08:31	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2,4-Dichlorophenylacetic acid	*35*		*10 - 150*	*11/12/24 08:41*	*11/13/24 08:31*	*1*
2,4-Dichlorophenylacetic acid	*34*		*10 - 150*	*11/12/24 08:41*	*11/13/24 08:31*	*1*

Method: SW846 6010D - Metals (ICP) - TCLP

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	**0.019**	**J**	0.050	0.0041	mg/L		11/13/24 06:00	11/14/24 12:02	1
Barium	**0.82**		0.50	0.0013	mg/L		11/13/24 06:00	11/14/24 12:02	1
Cadmium	**0.00084**	**J**	0.050	0.00045	mg/L		11/13/24 06:00	11/14/24 12:02	1
Chromium	**0.012**	**J**	0.050	0.00076	mg/L		11/13/24 06:00	11/14/24 12:02	1
Lead	**0.0028**	**J**	0.050	0.0028	mg/L		11/13/24 06:00	11/14/24 12:02	1
Selenium	**0.013**	**J**	0.050	0.0060	mg/L		11/13/24 06:00	11/14/24 12:02	1
Silver	ND		0.050	0.0014	mg/L		11/13/24 06:00	11/14/24 12:02	1

Method: SW846 7470A - Mercury (CVAA) - TCLP

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	ND		0.0020	0.00013	mg/L		11/13/24 10:00	11/13/24 15:34	1

Surrogate Summary

Client: August Mack Environmental, Inc.
Project/Site: MSC Canfield

Job ID: 240-214504-1

Method: 8081B - Organochlorine Pesticides (GC)

Matrix: Solid

Prep Type: Total/NA

		Percent Surrogate Recovery (Acceptance Limits)			
		DCBP1	DCBP2	TCX1	TCX2
Lab Sample ID	Client Sample ID	(10-145)	(10-145)	(10-123)	(10-123)
LCS 240-634830/2-A	Lab Control Sample	76	77	61	56
LCSD 240-634830/3-A	Lab Control Sample Dup	67	67	63	58
MB 240-634830/1-A	Method Blank	82	81	70	63

Surrogate Legend

DCBP = DCB Decachlorobiphenyl

TCX = Tetrachloro-m-xylene

Method: 8081B - Organochlorine Pesticides (GC)

Matrix: Solid

Prep Type: TCLP

		Percent Surrogate Recovery (Acceptance Limits)			
		DCBP1	DCBP2	TCX1	TCX2
Lab Sample ID	Client Sample ID	(10-145)	(10-145)	(10-123)	(10-123)
240-214504-1	T250-E-0.0	68	70	67	63
240-214504-1 MS	T250-E-0.0	88	69	66	63

Surrogate Legend

DCBP = DCB Decachlorobiphenyl

TCX = Tetrachloro-m-xylene

Method: 8151A - Herbicides (GC)

Matrix: Solid

Prep Type: Total/NA

		Percent Surrogate Recovery (Acceptance Limits)	
		DCPAA1	DCPAA2
Lab Sample ID	Client Sample ID	(10-150)	(10-150)
LCS 460-1006269/2-A	Lab Control Sample	57	58
LCSD 460-1006269/3-A	Lab Control Sample Dup	53	54
MB 460-1006269/1-A	Method Blank	60	62

Surrogate Legend

DCPAA = 2,4-Dichlorophenylacetic acid

Method: 8151A - Herbicides (GC)

Matrix: Solid

Prep Type: TCLP

		Percent Surrogate Recovery (Acceptance Limits)	
		DCPAA1	DCPAA2
Lab Sample ID	Client Sample ID	(10-150)	(10-150)
240-214504-1	T250-E-0.0	34	35
LB 460-1006173/1-C	Method Blank	88	93
LB 460-1006342/1-C	Method Blank	28	35

Surrogate Legend

DCPAA = 2,4-Dichlorophenylacetic acid

Method: 8081B - Organochlorine Pesticides (GC)

Lab Sample ID: MB 240-634830/1-A
Matrix: Solid
Analysis Batch: 634953

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 634830

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chlordane (technical)	ND		0.0050	0.000047	mg/L		11/11/24 14:09	11/12/24 13:16	1
Endrin	ND		0.00050	0.0000065	mg/L		11/11/24 14:09	11/12/24 13:16	1
Heptachlor	ND		0.00050	0.0000082	mg/L		11/11/24 14:09	11/12/24 13:16	1
Heptachlor epoxide	ND		0.00050	0.0000064	mg/L		11/11/24 14:09	11/12/24 13:16	1
gamma-BHC (Lindane)	ND		0.00050	0.0000060	mg/L		11/11/24 14:09	11/12/24 13:16	1
Methoxychlor	ND		0.0010	0.0000047	mg/L		11/11/24 14:09	11/12/24 13:16	1
Toxaphene	ND		0.020	0.000058	mg/L		11/11/24 14:09	11/12/24 13:16	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
DCB Decachlorobiphenyl	*82*		*10 - 145*	*11/11/24 14:09*	*11/12/24 13:16*	*1*
DCB Decachlorobiphenyl	*81*		*10 - 145*	*11/11/24 14:09*	*11/12/24 13:16*	*1*
Tetrachloro-m-xylene	*70*		*10 - 123*	*11/11/24 14:09*	*11/12/24 13:16*	*1*
Tetrachloro-m-xylene	*63*		*10 - 123*	*11/11/24 14:09*	*11/12/24 13:16*	*1*

Lab Sample ID: LCS 240-634830/2-A
Matrix: Solid
Analysis Batch: 634953

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 634830

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
Endrin			0.00100	0.000794		mg/L		79	36 - 120		
Heptachlor			0.00100	0.000709		mg/L		71	29 - 120		
Heptachlor epoxide			0.00100	0.000775		mg/L		77	36 - 120		
gamma-BHC (Lindane)			0.00100	0.000762		mg/L		76	23 - 120		
Methoxychlor			0.00100	0.000798	J	mg/L		80	23 - 140		

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
DCB Decachlorobiphenyl	*76*		*10 - 145*
DCB Decachlorobiphenyl	*77*		*10 - 145*
Tetrachloro-m-xylene	*61*		*10 - 123*
Tetrachloro-m-xylene	*56*		*10 - 123*

Lab Sample ID: LCSD 240-634830/3-A
Matrix: Solid
Analysis Batch: 634953

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 634830

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Endrin			0.00100	0.000725		mg/L		72	36 - 120	9	35
Heptachlor			0.00100	0.000723		mg/L		72	29 - 120	2	35
Heptachlor epoxide			0.00100	0.000735		mg/L		73	36 - 120	5	35
gamma-BHC (Lindane)			0.00100	0.000723		mg/L		72	23 - 120	5	35
Methoxychlor			0.00100	0.000724	J	mg/L		72	23 - 140	10	35

Surrogate	*LCSD %Recovery*	*LCSD Qualifier*	*Limits*
DCB Decachlorobiphenyl	*67*		*10 - 145*
DCB Decachlorobiphenyl	*67*		*10 - 145*
Tetrachloro-m-xylene	*63*		*10 - 123*
Tetrachloro-m-xylene	*58*		*10 - 123*

Method: 8081B - Organochlorine Pesticides (GC) (Continued)

Lab Sample ID: 240-214504-1 MS
Matrix: Solid
Analysis Batch: 634953

Client Sample ID: T250-E-0.0
Prep Type: TCLP
Prep Batch: 634830

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Endrin	ND		0.00100	0.000741		mg/L		74	58 - 120
Heptachlor	ND		0.00100	0.000772		mg/L		77	42 - 120
Heptachlor epoxide	ND		0.00100	0.000731		mg/L		73	54 - 120
gamma-BHC (Lindane)	ND		0.00100	0.000773		mg/L		77	32 - 120
Methoxychlor	ND		0.00100	0.000801	J	mg/L		80	11 - 159

Surrogate	*MS %Recovery*	*MS Qualifier*	*Limits*
DCB Decachlorobiphenyl	*88*		*10 - 145*
DCB Decachlorobiphenyl	*69*		*10 - 145*
Tetrachloro-m-xylene	*66*		*10 - 123*
Tetrachloro-m-xylene	*63*		*10 - 123*

Method: 8151A - Herbicides (GC)

Lab Sample ID: MB 460-1006269/1-A
Matrix: Solid
Analysis Batch: 1006273

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 1006269

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2,4-D	ND		0.083	0.0050	mg/L		11/11/24 09:11	11/11/24 21:07	1
2,4-D	ND		0.083	0.0050	mg/L		11/11/24 09:11	11/11/24 21:07	1
Silvex (2,4,5-TP)	ND		0.083	0.0040	mg/L		11/11/24 09:11	11/11/24 21:07	1
Silvex (2,4,5-TP)	ND		0.083	0.0040	mg/L		11/11/24 09:11	11/11/24 21:07	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2,4-Dichlorophenylacetic acid	*62*		*10 - 150*	*11/11/24 09:11*	*11/11/24 21:07*	*1*
2,4-Dichlorophenylacetic acid	*60*		*10 - 150*	*11/11/24 09:11*	*11/11/24 21:07*	*1*

Lab Sample ID: LCS 460-1006269/2-A
Matrix: Solid
Analysis Batch: 1006273

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 1006269

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
2,4-D	0.133	0.142		mg/L		106	25 - 150
2,4-D	0.133	0.149		mg/L		112	25 - 150
Silvex (2,4,5-TP)	0.0333	0.0344	J	mg/L		103	39 - 150
Silvex (2,4,5-TP)	0.0333	0.0362	J	mg/L		109	39 - 150

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
2,4-Dichlorophenylacetic acid	*58*		*10 - 150*
2,4-Dichlorophenylacetic acid	*57*		*10 - 150*

Lab Sample ID: LCSD 460-1006269/3-A
Matrix: Solid
Analysis Batch: 1006273

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 1006269

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
2,4-D	0.133	0.133		mg/L		100	25 - 150	6	30

Method: 8151A - Herbicides (GC) (Continued)

Lab Sample ID: LCSD 460-1006269/3-A
Matrix: Solid
Analysis Batch: 1006273

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 1006269

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
2,4-D			0.133	0.135		mg/L		101	25 - 150	10	30
Silvex (2,4,5-TP)			0.0333	0.0329	J	mg/L		99	39 - 150	5	30
Silvex (2,4,5-TP)			0.0333	0.0342	J	mg/L		103	39 - 150	6	30

Surrogate	*LCSD %Recovery*	*LCSD Qualifier*	*Limits*
2,4-Dichlorophenylacetic acid	*54*		*10 - 150*
2,4-Dichlorophenylacetic acid	*53*		*10 - 150*

Lab Sample ID: LB 460-1006173/1-C
Matrix: Solid
Analysis Batch: 1006273

Client Sample ID: Method Blank
Prep Type: TCLP
Prep Batch: 1006269

Analyte	LB Result	LB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2,4-D	ND		0.083	0.0050	mg/L		11/11/24 09:21	11/12/24 00:02	1
Silvex (2,4,5-TP)	ND		0.083	0.0040	mg/L		11/11/24 09:21	11/12/24 00:02	1

Surrogate	*LB %Recovery*	*LB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2,4-Dichlorophenylacetic acid	*93*		*10 - 150*	*11/11/24 09:21*	*11/12/24 00:02*	*1*
2,4-Dichlorophenylacetic acid	*88*		*10 - 150*	*11/11/24 09:21*	*11/12/24 00:02*	*1*

Lab Sample ID: LB 460-1006342/1-C
Matrix: Solid
Analysis Batch: 1006630

Client Sample ID: Method Blank
Prep Type: TCLP
Prep Batch: 1006269

Analyte	LB Result	LB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2,4-D	ND		0.083	0.0050	mg/L		11/12/24 08:41	11/13/24 07:51	1
Silvex (2,4,5-TP)	ND		0.083	0.0040	mg/L		11/12/24 08:41	11/13/24 07:51	1

Surrogate	*LB %Recovery*	*LB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2,4-Dichlorophenylacetic acid	*35*		*10 - 150*	*11/12/24 08:41*	*11/13/24 07:51*	*1*
2,4-Dichlorophenylacetic acid	*28*		*10 - 150*	*11/12/24 08:41*	*11/13/24 07:51*	*1*

Method: 6010D - Metals (ICP)

Lab Sample ID: MB 240-634779/2-A
Matrix: Solid
Analysis Batch: 635335

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 634779

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	ND		0.050	0.0041	mg/L		11/13/24 06:00	11/14/24 11:03	1
Barium	ND		0.50	0.0013	mg/L		11/13/24 06:00	11/14/24 11:03	1
Cadmium	ND		0.050	0.00045	mg/L		11/13/24 06:00	11/14/24 11:03	1
Chromium	ND		0.050	0.00076	mg/L		11/13/24 06:00	11/14/24 11:03	1
Lead	ND		0.050	0.0028	mg/L		11/13/24 06:00	11/14/24 11:03	1
Selenium	ND		0.050	0.0060	mg/L		11/13/24 06:00	11/14/24 11:03	1
Silver	ND		0.050	0.0014	mg/L		11/13/24 06:00	11/14/24 11:03	1

Method: 6010D - Metals (ICP) (Continued)

Lab Sample ID: LCS 240-634779/3-A
Matrix: Solid
Analysis Batch: 635335

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 634779

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Arsenic	2.00	2.10		mg/L		105	50 - 150
Barium	2.00	1.96		mg/L		98	50 - 150
Cadmium	1.00	0.999		mg/L		100	50 - 150
Chromium	1.00	0.980		mg/L		98	50 - 150
Lead	1.00	0.983		mg/L		98	50 - 150
Selenium	2.00	2.16		mg/L		108	50 - 150
Silver	0.100	0.0980		mg/L		98	50 - 150

Lab Sample ID: LB 240-634668/1-B
Matrix: Solid
Analysis Batch: 635335

Client Sample ID: Method Blank
Prep Type: TCLP
Prep Batch: 634779

Analyte	LB Result	LB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	ND		0.050	0.0041	mg/L		11/13/24 06:00	11/14/24 10:58	1
Barium	ND		0.50	0.0013	mg/L		11/13/24 06:00	11/14/24 10:58	1
Cadmium	ND		0.050	0.00045	mg/L		11/13/24 06:00	11/14/24 10:58	1
Chromium	ND		0.050	0.00076	mg/L		11/13/24 06:00	11/14/24 10:58	1
Lead	ND		0.050	0.0028	mg/L		11/13/24 06:00	11/14/24 10:58	1
Selenium	ND		0.050	0.0060	mg/L		11/13/24 06:00	11/14/24 10:58	1
Silver	ND		0.050	0.0014	mg/L		11/13/24 06:00	11/14/24 10:58	1

Method: 7470A - Mercury (CVAA)

Lab Sample ID: LB 240-634786/1-A
Matrix: Solid
Analysis Batch: 635240

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 634786

Analyte	LB Result	LB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	ND		0.0020	0.00013	mg/L		11/13/24 10:00	11/13/24 15:16	1

Lab Sample ID: MB 240-634786/2-A
Matrix: Solid
Analysis Batch: 635240

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 634786

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	ND		0.0020	0.00013	mg/L		11/13/24 10:00	11/13/24 15:22	1

Lab Sample ID: LCS 240-634786/3-A
Matrix: Solid
Analysis Batch: 635240

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 634786

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Mercury	0.00500	0.00467		mg/L		93	80 - 120

Lab Sample ID: LCSD 240-634786/4-A
Matrix: Solid
Analysis Batch: 635240

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 634786

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Mercury	0.00500	0.00473		mg/L		95	80 - 120	1	20

GC Semi VOA

Leach Batch: 634668

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
240-214504-1	T250-E-0.0	TCLP	Solid	1311	
240-214504-1 MS	T250-E-0.0	TCLP	Solid	1311	

Prep Batch: 634830

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
240-214504-1	T250-E-0.0	TCLP	Solid	3510C	634668
MB 240-634830/1-A	Method Blank	Total/NA	Solid	3510C	
LCS 240-634830/2-A	Lab Control Sample	Total/NA	Solid	3510C	
LCSD 240-634830/3-A	Lab Control Sample Dup	Total/NA	Solid	3510C	
240-214504-1 MS	T250-E-0.0	TCLP	Solid	3510C	634668

Analysis Batch: 634953

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
240-214504-1	T250-E-0.0	TCLP	Solid	8081B	634830
MB 240-634830/1-A	Method Blank	Total/NA	Solid	8081B	634830
LCS 240-634830/2-A	Lab Control Sample	Total/NA	Solid	8081B	634830
LCSD 240-634830/3-A	Lab Control Sample Dup	Total/NA	Solid	8081B	634830
240-214504-1 MS	T250-E-0.0	TCLP	Solid	8081B	634830

Leach Batch: 1006173

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
LB 460-1006173/1-C	Method Blank	TCLP	Solid	1311	

Prep Batch: 1006269

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
240-214504-1	T250-E-0.0	TCLP	Solid	8151A	1006342
LB 460-1006173/1-C	Method Blank	TCLP	Solid	8151A	1006173
LB 460-1006342/1-C	Method Blank	TCLP	Solid	8151A	1006342
MB 460-1006269/1-A	Method Blank	Total/NA	Solid	8151A	
LCS 460-1006269/2-A	Lab Control Sample	Total/NA	Solid	8151A	
LCSD 460-1006269/3-A	Lab Control Sample Dup	Total/NA	Solid	8151A	

Analysis Batch: 1006273

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
LB 460-1006173/1-C	Method Blank	TCLP	Solid	8151A	1006269
MB 460-1006269/1-A	Method Blank	Total/NA	Solid	8151A	1006269
LCS 460-1006269/2-A	Lab Control Sample	Total/NA	Solid	8151A	1006269
LCSD 460-1006269/3-A	Lab Control Sample Dup	Total/NA	Solid	8151A	1006269

Leach Batch: 1006342

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
240-214504-1	T250-E-0.0	TCLP	Solid	1311	
LB 460-1006342/1-C	Method Blank	TCLP	Solid	1311	

Analysis Batch: 1006630

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
240-214504-1	T250-E-0.0	TCLP	Solid	8151A	1006269
LB 460-1006342/1-C	Method Blank	TCLP	Solid	8151A	1006269

Metals

Leach Batch: 634668

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
240-214504-1	T250-E-0.0	TCLP	Solid	1311	
LB 240-634668/1-B	Method Blank	TCLP	Solid	1311	

Prep Batch: 634779

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
240-214504-1	T250-E-0.0	TCLP	Solid	3010A	634668
LB 240-634668/1-B	Method Blank	TCLP	Solid	3010A	634668
MB 240-634779/2-A	Method Blank	Total/NA	Solid	3010A	
LCS 240-634779/3-A	Lab Control Sample	Total/NA	Solid	3010A	

Prep Batch: 634786

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
240-214504-1	T250-E-0.0	TCLP	Solid	7470A	634668
LB 240-634786/1-A	Method Blank	Total/NA	Solid	7470A	
MB 240-634786/2-A	Method Blank	Total/NA	Solid	7470A	
LCS 240-634786/3-A	Lab Control Sample	Total/NA	Solid	7470A	
LCSD 240-634786/4-A	Lab Control Sample Dup	Total/NA	Solid	7470A	

Analysis Batch: 635240

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
240-214504-1	T250-E-0.0	TCLP	Solid	7470A	634786
LB 240-634786/1-A	Method Blank	Total/NA	Solid	7470A	634786
MB 240-634786/2-A	Method Blank	Total/NA	Solid	7470A	634786
LCS 240-634786/3-A	Lab Control Sample	Total/NA	Solid	7470A	634786
LCSD 240-634786/4-A	Lab Control Sample Dup	Total/NA	Solid	7470A	634786

Analysis Batch: 635335

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
240-214504-1	T250-E-0.0	TCLP	Solid	6010D	634779
LB 240-634668/1-B	Method Blank	TCLP	Solid	6010D	634779
MB 240-634779/2-A	Method Blank	Total/NA	Solid	6010D	634779
LCS 240-634779/3-A	Lab Control Sample	Total/NA	Solid	6010D	634779

Lab Chronicle

Client: August Mack Environmental, Inc.
Project/Site: MSC Canfield

Job ID: 240-214504-1

Client Sample ID: T250-E-0.0

Date Collected: 11/07/24 13:17
Date Received: 11/07/24 16:00

Lab Sample ID: 240-214504-1

Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
TCLP	Leach	1311			634668	KLE	EET CLE	11/10/24 14:50 - 11/11/24 07:40 [1]
TCLP	Prep	3510C			634830	GBS	EET CLE	11/11/24 14:09
TCLP	Analysis	8081B		1	634953	MBB	EET CLE	11/12/24 14:03
TCLP	Leach	1311			1006342	YAH	EET EDI	11/11/24 17:01 - 11/12/24 09:01 [1]
TCLP	Prep	8151A			1006269	BXP	EET EDI	11/12/24 08:41
TCLP	Analysis	8151A		1	1006630	SAK	EET EDI	11/13/24 08:31
TCLP	Leach	1311			634668	KLE	EET CLE	11/10/24 14:50 - 11/11/24 07:40 [1]
TCLP	Prep	3010A			634779	XWS6	EET CLE	11/13/24 06:00
TCLP	Analysis	6010D		1	635335	RKT	EET CLE	11/14/24 12:02
TCLP	Leach	1311			634668	KLE	EET CLE	11/10/24 14:50 - 11/11/24 07:40 [1]
TCLP	Prep	7470A			634786	XWS6	EET CLE	11/13/24 10:00
TCLP	Analysis	7470A		1	635240	GK	EET CLE	11/13/24 15:34

[1] This procedure uses a method stipulated length of time for the process. Both start and end times are displayed.

Laboratory References:

EET CLE = Eurofins Cleveland, 180 S. Van Buren Avenue, Barberton, OH 44203, TEL (330)497-9396

EET EDI = Eurofins Edison, 777 New Durham Road, Edison, NJ 08817, TEL (732)549-3900

Accreditation/Certification Summary

Client: August Mack Environmental, Inc.
Project/Site: MSC Canfield

Job ID: 240-214504-1

Laboratory: Eurofins Cleveland

All accreditations/certifications held by this laboratory are listed. Not all accreditations/certifications are applicable to this report.

Authority	Program	Identification Number	Expiration Date
California	State	2927	02-28-25
Connecticut	State	PH-0806	12-31-26
Georgia	State	4062	02-27-25
Illinois	NELAP	200004	08-31-25
Iowa	State	421	06-01-25
Kentucky (UST)	State	112225	02-27-25
Kentucky (WW)	State	KY98016	12-30-24
Minnesota	NELAP	039-999-348	12-31-24
New Hampshire	NELAP	225024	09-30-25
New Jersey	NELAP	OH001	07-03-25
New York	NELAP	10975	04-02-25
Ohio VAP	State	ORELAP 4062	02-27-25
Oregon	NELAP	4062	02-27-25
Pennsylvania	NELAP	68-00340	08-31-25
Texas	NELAP	T104704517-22-19	08-31-25
USDA	US Federal Programs	P330-18-00281	01-05-27
Virginia	NELAP	460175	09-14-25
West Virginia DEP	State	210	12-31-24

Laboratory: Eurofins Edison

All accreditations/certifications held by this laboratory are listed. Not all accreditations/certifications are applicable to this report.

Authority	Program	Identification Number	Expiration Date
Connecticut	State	PH-0818	09-30-26
DE Haz. Subst. Cleanup Act (HSCA)	State	N/A	01-02-25
Georgia	State	12028 (NJ)	07-01-25
Massachusetts	State	M-NJ312	07-01-25
New Jersey	NELAP	12028	06-30-25
New York	NELAP	11452	04-01-25
Pennsylvania	NELAP	68-00522	02-28-25
Rhode Island	State	LAO00376	12-31-24
USDA	US Federal Programs	525-24-149-77606	05-21-27

Eurofins Cleveland
180 S. Van Buren Avenue
Barberton, OH 44203
Phone (330) 497-9396 Phone (330) 497-0772

Chain of Custody Record

4.2 | 4.4

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Client Information	Sampler: A. CRANE	Lab PM: Kalis, Nicole A	Carrier Tracking No(s):	COC No: 240-125508-43774.1
Client Contact: Kain Lager-Lowe	Phone: 8(614) 725-8872	E-Mail: Nicole.Kalis@et.eurofinsus.com	State of Origin:	Page: Page 1 of 1
Company: August Mack Environmental, Inc.	PWSID:			Job #: JT2380.372
Address: 7830 North Central Drive, Suite B	Due Date Requested:			
City: Lewis Center	TAT Requested (days): 3 Day TAT			
State, Zip: OH, 43035	Compliance Project: Δ Yes Δ No			
Phone: 740-548-1515(Tel)	PO #:			
Email: klagerlowe@augustmack.com	WO #:			
Project Name: MSC Canfield	Project #: DO NOT DELETE 24033889			
Site: MSC CANFIELD	SSOW#:			

Analysis Requested

Preservation Codes:

Other:

Sample Identification	Sample Date	Sample Time	Sample Type (C=comp, G=grab)	Matrix (W=water, S=solid, O=waste/oil, BT=Tissue, A=Air)	Field Filtered Sample (Yes or No)	Perform MS/MSD (Yes or No)	8081B - Pesticides	8151A - Herbicides	1311/6010/7470 - TCLP RCRA 8	Total Number of containers	Special Instructions/Note:
			Preservation Code:								
T250-E-0.0	11/7/24	1317	G	S	N	N	1	1	2	4	

240-214504 COC

Possible Hazard Identification
☐ Non-Hazard ☐ Flammable ☐ Skin Irritant ☐ Poison B ☐ Unknown ☐ Radiological

Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)
☐ Return To Client ☐ Disposal By Lab ☐ Archive For _____ Months

Deliverable Requested: I, II, III, IV, Other (specify)

Special Instructions/QC Requirements:

Empty Kit Relinquished by:	Date:	Time:	Method of Shipment:

Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company
[signature]	11/7/24 1455	AME	[signature]	11/7/24 1455	EVR
Relinquished by: [signature]	Date/Time: 11/7/24 1600	Company EVR	Received by: KATHARINE MARTIN	Date/Time: 11/7/24 1600	Company EVR
Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company

Custody Seals Intact: Δ Yes Δ No | Custody Seal No.:

Cooler Temperature(s) °C and Other Remarks:

Eurofins – Cleveland Sample Receipt Form/Narrative **Login # :** _____
Barberton Facility

Client August Mack Site Name _____ Cooler unpacked by: KM

Cooler Received on 11/7/24 Opened on 11/7/24

FedEx: 1st Grd Exp UPS FAS Waypoint Client Drop Off Eurofins Courier Other _____

Receipt After-hours. Drop-off Date/Time _____ Storage Location _____

Eurofins Cooler # EC Foam Box Client Cooler Box Other _____

Packing material used. ~~Bubble Wrap~~ Foam Plastic Bag None Other _____

COOLANT: Wet Ice Blue Ice Dry Ice Water None

1 Cooler temperature upon receipt ☐ See Multiple Cooler Form

IR GUN # 21 (CF 10.2 °C) Observed Cooler Temp. 4.2 °C Corrected Cooler Temp 4.4 °C

2. Were tamper/custody seals on the outside of the cooler(s)? If Yes Quantity_____	Yes (No)	**Tests that are not checked for pH by Receiving:**
-Were the seals on the outside of the cooler(s) signed & dated?	Yes No (NA)	
-Were tamper/custody seals on the bottle(s) or bottle kits (LLHg/MeHg)?	Yes (No)	**VOAs**
-Were tamper/custody seals intact and uncompromised?	Yes No (NA)	**Oil and Grease**
3 Shippers' packing slip attached to the cooler(s)?	Yes (No)	**TOC**
4. Did custody papers accompany the sample(s)?	(Yes) No	
5 Were the custody papers relinquished & signed in the appropriate place?	(Yes) No	
6. Was/were the person(s) who collected the samples clearly identified on the COC?	(Yes) No	
7 Did all bottles arrive in good condition (Unbroken)?	(Yes) No	
8. Could all bottle labels (ID/Date/Time) be reconciled with the COC?	(Yes) No	
9 For each sample, does the COC specify preservatives (Y/N), # of containers (Y/N), and sample type of grab/comp(Y/N)?		
10 Were correct bottle(s) used for the test(s) indicated?	(Yes) No	
11 Sufficient quantity received to perform indicated analyses?	(Yes) No	
12. Are these work share samples and all listed on the COC?	Yes (No)	
If yes, Questions 13-17 have been checked at the originating laboratory		
13 Were all preserved sample(s) at the correct pH upon receipt?	Yes No (NA)	pH Strip Lot# HC448976
14. Were VOAs on the COC?	Yes (No)	
15 Were air bubbles >6 mm in any VOA vials? ● ⬅ Larger than this.	Yes No (NA)	
16 Was a VOA trip blank present in the cooler(s)? Trip Blank Lot #_____	Yes (No)	
17 Was a LL Hg or Me Hg trip blank present? _____	Yes (No)	

Contacted PM _____ Date _____ by _____ via Verbal Voice Mail Other

Concerning _____

18. CHAIN OF CUSTODY & SAMPLE DISCREPANCIES ☐ additional next page | Samples processed by:

_____

_____

_____

_____

19. SAMPLE CONDITION

Sample(s) _____ were received after the recommended holding time had expired.

Sample(s) _____ were received in a broken container

Sample(s) _____ were received with bubble >6 mm in diameter (Notify PM)

20. SAMPLE PRESERVATION

Sample(s) _____ were further preserved in the laboratory

Time preserved. _____ Preservative(s) added/Lot number(s): _____

VOA Sample Preservation - Date/Time VOAs Frozen. _____

11/7/2024

Login Container Summary Report

240-214504

11/14/2024

Temperature readings _____

Client Sample ID	Lab ID	Container Type	Container pH	Container Temp	Preservation Added	Preservation Lot Number
T250-E-0 0	240-214504-B-1	Soil jar 4oz - clear glass				
T250-E-0 0	240-214504-C-1	Soil jar 4oz - clear glass				
T250-E-0 0	240-214504-D-1	Soil jar 4oz - clear glass				
T250-E-0 0	240-214504-E-1	Soil jar 4oz - clear glass				

Eurofins Cleveland
180 S. Van Buren Avenue
Barberton, OH 44203
Phone: 330-497-9396 Fax: 330-497-0772

Chain of Custody Record

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Client Information (Sub Contract Lab)	Sampler: N/A	Lab PM: Kalis, Nicole A	Carrier Tracking No(s): N/A	COC No: 240-193604.1
Client Contact: Shipping/Receiving	Phone: N/A	E-Mail: Nicole.Kalis@et.eurofinsus.com	State of Origin: Ohio	Page: Page 1 of 1
Company: Eurofins Environment Testing Northeast L		Accreditations Required (See note): N/A		Job #: 240-214504-1
Address: 777 New Durham Road,	Due Date Requested: 11/20/2024			
City: Edison	TAT Requested (days): N/A			
State, Zip: NJ 08817				
Phone: 732-549-3900(Tel) 732-549-3679(Fax)	PO #: N/A			
Email: N/A	WO #: N/A			
Project Name: MSC Canfield	Project #: 24033889			
Site: N/A	SSOW#: N/A			

Analysis Requested

Preservation Codes:

Other: N/A

Sample Identification Client ID (Lab ID)	Sample Date	Sample Time	Sample Type (C=comp, G=grab)	Matrix (W=water, S=solid, O=waste/oil, BT=Tissue, A=Air)	Field Filtered Sample (Yes or No)	Perform MS/MSD (Yes or No)	8151A/1311_T TCLP Herbicides	Total Number of containers	Special Instructions/Note:
			Preservation Code:						
T250-E-0.0 (240-214504-1)	11/7/24	13:17 Eastern	G	Solid			X	1	

Note: Since laboratory accreditations are subject to change, Eurofins Environment Testing North Central, LLC places the ownership of method, analyte & accreditation compliance upon our subcontract laboratories. This sample shipment is forwarded under chain-of-custody. If the laboratory does not currently maintain accreditation in the State of Origin listed above for analysis/tests/matrix being analyzed, the samples must be shipped back to the Eurofins Environment Testing North Central, LLC laboratory or other instructions will be provided. Any changes to accreditation status should be brought to Eurofins Environment Testing North Central, LLC attention immediately. If all requested accreditations are current to date, return the signed Chain of Custody attesting to said compliance to Eurofins Environment Testing North Central, LLC.

Possible Hazard Identification *Unconfirmed*	***Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)*** ☐ *Return To Client* ☐ *Disposal By Lab* ☐ *Archive For* ____ *Months*
Deliverable Requested: I, II III, IV Other (specify) Primary Deliverable Rank: 2	Special Instructions/QC Requirements:

Empty Kit Relinquished by:		Date:	Time:	Method of Shipment: Fedex	
Relinquished by: KATHARINE MARTIN	Date/Time: 11/7/24	Company EUR	Received by: Blake	Date/Time: 11/8/24 1040	Company
Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company
Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company
Custody Seals Intact: ∆ Yes ∆ No	Custody Seal No.		Cooler Temperature(s) °C and Other Remarks:		

IR 9 10-12

Ver: 10/10/2024

11/14/2024

Login Sample Receipt Checklist

Client: August Mack Environmental, Inc.

Job Number: 240-214504-1

Login Number: 214504
List Number: 2
Creator: Armbruster, Chris

List Source: Eurofins Edison
List Creation: 11/08/24 12:22 PM

Question	Answer	Comment
Radioactivity wasn't checked or is </= background as measured by a survey meter.	N/A	
The cooler's custody seal, if present, is intact.	N/A	
Sample custody seals, if present, are intact.	N/A	
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	True	
Cooler Temperature is acceptable.	True	
Cooler Temperature is recorded.	True	1.0/1.2°C IR9
COC is present.	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information.	True	
Is the Field Sampler's name present on COC?	True	
There are no discrepancies between the containers received and the COC.	True	
Samples are received within Holding Time (excluding tests with immediate HTs)	True	
Sample containers have legible labels.	True	
Containers are not broken or leaking.	True	
Sample collection date/times are provided.	True	
Appropriate sample containers are used.	True	
Sample bottles are completely filled.	True	
Sample Preservation Verified.	True	
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	True	
Containers requiring zero headspace have no headspace or bubble is <6mm (1/4").	True	
Multiphasic samples are not present.	True	
Samples do not require splitting or compositing.	True	
Residual Chlorine Checked.	N/A	

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ANALYTICAL REPORT

PREPARED FOR

Attn: Kain Lager-Lowe
August Mack Environmental, Inc.
7830 North Central Drive, Suite B
Lewis Center, Ohio 43035

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JOB DESCRIPTION

MSC Canfield

JOB NUMBER

240-214504-1

Eurofins Cleveland
180 S. Van Buren Avenue
Barberton OH 44203

See page two for job notes and contact information.

my EOL

Job Notes

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The test results in this report relate only to the samples as received by the laboratory and will meet all requirements of the methodology, with any exceptions noted. This report shall not be reproduced except in full, without the express written approval of the laboratory. All questions should be directed to the Eurofins Environment Testing North Central, LLC Project Manager.

Authorization



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12/5/2024 9:31:31 PM
Revision 1

Authorized for release by
Nicole Kalis, Project Manager I
Nicole.Kalis@et.eurofinsus.com
(330)497-9396

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Definitions/Glossary

Client: August Mack Environmental, Inc.
Project/Site: MSC Canfield

Job ID: 240-214504-1

Qualifiers

GC Semi VOA

Qualifier	Qualifier Description
J	Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.

Metals

Qualifier	Qualifier Description
E	Result exceeded calibration range.
J	Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.

Glossary

Abbreviation	These commonly used abbreviations may or may not be present in this report.
☼	Listed under the "D" column to designate that the result is reported on a dry weight basis
%R	Percent Recovery
CFL	Contains Free Liquid
CFU	Colony Forming Unit
CNF	Contains No Free Liquid
DER	Duplicate Error Ratio (normalized absolute difference)
Dil Fac	Dilution Factor
DL	Detection Limit (DoD/DOE)
DL, RA, RE, IN	Indicates a Dilution, Re-analysis, Re-extraction, or additional Initial metals/anion analysis of the sample
DLC	Decision Level Concentration (Radiochemistry)
EDL	Estimated Detection Limit (Dioxin)
LOD	Limit of Detection (DoD/DOE)
LOQ	Limit of Quantitation (DoD/DOE)
MCL	EPA recommended "Maximum Contaminant Level"
MDA	Minimum Detectable Activity (Radiochemistry)
MDC	Minimum Detectable Concentration (Radiochemistry)
MDL	Method Detection Limit
ML	Minimum Level (Dioxin)
MPN	Most Probable Number
MQL	Method Quantitation Limit
NC	Not Calculated
ND	Not Detected at the reporting limit (or MDL or EDL if shown)
NEG	Negative / Absent
POS	Positive / Present
PQL	Practical Quantitation Limit
PRES	Presumptive
QC	Quality Control
RER	Relative Error Ratio (Radiochemistry)
RL	Reporting Limit or Requested Limit (Radiochemistry)
RPD	Relative Percent Difference, a measure of the relative difference between two points
TEF	Toxicity Equivalent Factor (Dioxin)
TEQ	Toxicity Equivalent Quotient (Dioxin)
TNTC	Too Numerous To Count

Job ID: 240-214504-1 Eurofins Cleveland

Job Narrative
240-214504-1

REVISION

The report being provided is a revision of the original report sent on 11/14/2024. The report (revision 1) is being revised due to Client requested Zn, V, Tl, Ni and Be to be added. These metals were not originally requested..

Analytical test results meet all requirements of the associated regulatory program listed on the Accreditation/Certification Summary Page unless otherwise noted under the individual analysis. Data qualifiers and/or narrative comments are included to explain any exceptions, if applicable.

- Matrix QC may not be reported if insufficient sample is provided or site-specific QC samples were not submitted. In these situations, to demonstrate precision and accuracy at a batch level, a LCS/LCSD may be performed, unless otherwise specified in the method.
- Surrogate and/or isotope dilution analyte recoveries (if applicable) which are outside of the QC window are confirmed unless attributed to a dilution or otherwise noted in the narrative.

Regulated compliance samples (e.g. SDWA, NPDES) must comply with the associated agency requirements/permits.

Receipt
The sample was received on 11/7/2024 4:00 PM. Unless otherwise noted below, the sample arrived in good condition, and, where required, properly preserved and on ice. The temperature of the cooler at receipt time was 4.4°C.

Herbicides
No additional analytical or quality issues were noted, other than those described above or in the Definitions/ Glossary page.

Pesticides
No additional analytical or quality issues were noted, other than those described above or in the Definitions/ Glossary page.

Metals
Method 6010D - TCLP: TCLP method requires the matrix spike/matrix spike duplicate (MS/MSD) samples to be spiked prior to preservation. The samples were leached on 11/11/24 and were preserved at that time. Due to prep lab being down. &commaMerge&>

Method 6010D - TCLP: Zinc was reported over the linear dynamic range of the instrument. The result is considered estimated.

T250-E-0.0 (240-214504-1)

Method 7470A - TCLP: TCLP method requires the matrix spike/matrix spike duplicate (MS/MSD) samples to be spiked prior to preservation. The samples were leached on 11/11/24 and were preserved at that time. Due to prep lab being down.

T250-E-0.0 (240-214504-1)

No additional analytical or quality issues were noted, other than those described above or in the Definitions/ Glossary page.

Method Summary

Client: August Mack Environmental, Inc.
Project/Site: MSC Canfield

Job ID: 240-214504-1

Method	Method Description	Protocol	Laboratory
8081B	Organochlorine Pesticides (GC)	SW846	EET CLE
8151A	Herbicides (GC)	SW846	EET EDI
6010D	Metals (ICP)	SW846	EET CLE
7470A	Mercury (CVAA)	SW846	EET CLE
1311	TCLP Extraction	SW846	EET CLE
1311	TCLP Extraction	SW846	EET EDI
3010A	Preparation, Total Metals	SW846	EET CLE
3510C	Liquid-Liquid Extraction (Separatory Funnel)	SW846	EET CLE
7470A	Preparation, Mercury	SW846	EET CLE
8151A	Extraction (Herbicides)	SW846	EET EDI

Protocol References:

SW846 = "Test Methods For Evaluating Solid Waste, Physical/Chemical Methods", Third Edition, November 1986 And Its Updates.

Laboratory References:

EET CLE = Eurofins Cleveland, 180 S. Van Buren Avenue, Barberton, OH 44203, TEL (330)497-9396

EET EDI = Eurofins Edison, 777 New Durham Road, Edison, NJ 08817, TEL (732)549-3900

Sample Summary

Client: August Mack Environmental, Inc.
Project/Site: MSC Canfield

Job ID: 240-214504-1

Lab Sample ID	Client Sample ID	Matrix	Collected	Received
240-214504-1	T250-E-0.0	Solid	11/07/24 13:17	11/07/24 16:00

Detection Summary

Client: August Mack Environmental, Inc.
Project/Site: MSC Canfield

Job ID: 240-214504-1

Client Sample ID: T250-E-0.0

Lab Sample ID: 240-214504-1

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Arsenic	0.019	J	0.050	0.0041	mg/L	1		6010D	TCLP
Barium	0.82		0.50	0.0013	mg/L	1		6010D	TCLP
Cadmium	0.00084	J	0.050	0.00045	mg/L	1		6010D	TCLP
Chromium	0.012	J	0.050	0.00076	mg/L	1		6010D	TCLP
Lead	0.0028	J	0.050	0.0028	mg/L	1		6010D	TCLP
Nickel	0.035	J	0.040	0.0022	mg/L	1		6010D	TCLP
Selenium	0.013	J	0.050	0.0060	mg/L	1		6010D	TCLP
Thallium	0.0031	J	2.0	0.0027	mg/L	1		6010D	TCLP
Vanadium	0.0076	J	0.050	0.0056	mg/L	1		6010D	TCLP
Zinc	67	E	1.0	0.023	mg/L	1		6010D	TCLP

This Detection Summary does not include radiochemical test results.

Client Sample ID: T250-E-0.0

Date Collected: 11/07/24 13:17
Date Received: 11/07/24 16:00

Lab Sample ID: 240-214504-1

Matrix: Solid

Method: SW846 8081B - Organochlorine Pesticides (GC) - TCLP

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chlordane (technical)	ND		0.0050	0.000047	mg/L		11/11/24 14:09	11/12/24 14:03	1
Endrin	ND		0.00050	0.0000065	mg/L		11/11/24 14:09	11/12/24 14:03	1
Heptachlor	ND		0.00050	0.0000082	mg/L		11/11/24 14:09	11/12/24 14:03	1
Heptachlor epoxide	ND		0.00050	0.0000064	mg/L		11/11/24 14:09	11/12/24 14:03	1
gamma-BHC (Lindane)	ND		0.00050	0.0000060	mg/L		11/11/24 14:09	11/12/24 14:03	1
Methoxychlor	ND		0.0010	0.0000047	mg/L		11/11/24 14:09	11/12/24 14:03	1
Toxaphene	ND		0.020	0.000058	mg/L		11/11/24 14:09	11/12/24 14:03	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
DCB Decachlorobiphenyl	*68*		*10 - 145*	*11/11/24 14:09*	*11/12/24 14:03*	*1*
DCB Decachlorobiphenyl	*70*		*10 - 145*	*11/11/24 14:09*	*11/12/24 14:03*	*1*
Tetrachloro-m-xylene	*67*		*10 - 123*	*11/11/24 14:09*	*11/12/24 14:03*	*1*
Tetrachloro-m-xylene	*63*		*10 - 123*	*11/11/24 14:09*	*11/12/24 14:03*	*1*

Method: SW846 8151A - Herbicides (GC) - TCLP

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2,4-D	ND		0.083	0.0050	mg/L		11/12/24 08:41	11/13/24 08:31	1
Silvex (2,4,5-TP)	ND		0.083	0.0040	mg/L		11/12/24 08:41	11/13/24 08:31	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2,4-Dichlorophenylacetic acid	*35*		*10 - 150*	*11/12/24 08:41*	*11/13/24 08:31*	*1*
2,4-Dichlorophenylacetic acid	*34*		*10 - 150*	*11/12/24 08:41*	*11/13/24 08:31*	*1*

Method: SW846 6010D - Metals (ICP) - TCLP

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	**0.019**	**J**	0.050	0.0041	mg/L		11/13/24 06:00	11/14/24 12:02	1
Barium	**0.82**		0.50	0.0013	mg/L		11/13/24 06:00	11/14/24 12:02	1
Beryllium	ND		0.0050	0.00060	mg/L		11/13/24 06:00	11/14/24 12:02	1
Cadmium	**0.00084**	**J**	0.050	0.00045	mg/L		11/13/24 06:00	11/14/24 12:02	1
Chromium	**0.012**	**J**	0.050	0.00076	mg/L		11/13/24 06:00	11/14/24 12:02	1
Lead	**0.0028**	**J**	0.050	0.0028	mg/L		11/13/24 06:00	11/14/24 12:02	1
Nickel	**0.035**	**J**	0.040	0.0022	mg/L		11/13/24 06:00	11/14/24 12:02	1
Selenium	**0.013**	**J**	0.050	0.0060	mg/L		11/13/24 06:00	11/14/24 12:02	1
Silver	ND		0.050	0.0014	mg/L		11/13/24 06:00	11/14/24 12:02	1
Thallium	**0.0031**	**J**	2.0	0.0027	mg/L		11/13/24 06:00	11/14/24 12:02	1
Vanadium	**0.0076**	**J**	0.050	0.0056	mg/L		11/13/24 06:00	11/14/24 12:02	1
Zinc	**67**	**E**	1.0	0.023	mg/L		11/13/24 06:00	11/14/24 12:02	1

Method: SW846 7470A - Mercury (CVAA) - TCLP

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	ND		0.0020	0.00013	mg/L		11/13/24 10:00	11/13/24 15:34	1

Surrogate Summary

Client: August Mack Environmental, Inc.
Project/Site: MSC Canfield

Job ID: 240-214504-1

Method: 8081B - Organochlorine Pesticides (GC)

Matrix: Solid — **Prep Type: Total/NA**

		Percent Surrogate Recovery (Acceptance Limits)			
		DCBP1	DCBP2	TCX1	TCX2
Lab Sample ID	Client Sample ID	(10-145)	(10-145)	(10-123)	(10-123)
LCS 240-634830/2-A	Lab Control Sample	76	77	61	56
LCSD 240-634830/3-A	Lab Control Sample Dup	67	67	63	58
MB 240-634830/1-A	Method Blank	82	81	70	63

Surrogate Legend

DCBP = DCB Decachlorobiphenyl

TCX = Tetrachloro-m-xylene

Method: 8081B - Organochlorine Pesticides (GC)

Matrix: Solid — **Prep Type: TCLP**

		Percent Surrogate Recovery (Acceptance Limits)			
		DCBP1	DCBP2	TCX1	TCX2
Lab Sample ID	Client Sample ID	(10-145)	(10-145)	(10-123)	(10-123)
240-214504-1	T250-E-0.0	68	70	67	63
240-214504-1 MS	T250-E-0.0	88	69	66	63

Surrogate Legend

DCBP = DCB Decachlorobiphenyl

TCX = Tetrachloro-m-xylene

Method: 8151A - Herbicides (GC)

Matrix: Solid — **Prep Type: Total/NA**

		Percent Surrogate Recovery (Acceptance Limits)	
		DCPAA1	DCPAA2
Lab Sample ID	Client Sample ID	(10-150)	(10-150)
LCS 460-1006269/2-A	Lab Control Sample	57	58
LCSD 460-1006269/3-A	Lab Control Sample Dup	53	54
MB 460-1006269/1-A	Method Blank	60	62

Surrogate Legend

DCPAA = 2,4-Dichlorophenylacetic acid

Method: 8151A - Herbicides (GC)

Matrix: Solid — **Prep Type: TCLP**

		Percent Surrogate Recovery (Acceptance Limits)	
		DCPAA1	DCPAA2
Lab Sample ID	Client Sample ID	(10-150)	(10-150)
240-214504-1	T250-E-0.0	34	35
LB 460-1006173/1-C	Method Blank	88	93
LB 460-1006342/1-C	Method Blank	28	35

Surrogate Legend

DCPAA = 2,4-Dichlorophenylacetic acid

Method: 8081B - Organochlorine Pesticides (GC)

Lab Sample ID: MB 240-634830/1-A
Matrix: Solid
Analysis Batch: 634953

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 634830

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chlordane (technical)	ND		0.0050	0.000047	mg/L		11/11/24 14:09	11/12/24 13:16	1
Endrin	ND		0.00050	0.0000065	mg/L		11/11/24 14:09	11/12/24 13:16	1
Heptachlor	ND		0.00050	0.0000082	mg/L		11/11/24 14:09	11/12/24 13:16	1
Heptachlor epoxide	ND		0.00050	0.0000064	mg/L		11/11/24 14:09	11/12/24 13:16	1
gamma-BHC (Lindane)	ND		0.00050	0.0000060	mg/L		11/11/24 14:09	11/12/24 13:16	1
Methoxychlor	ND		0.0010	0.0000047	mg/L		11/11/24 14:09	11/12/24 13:16	1
Toxaphene	ND		0.020	0.000058	mg/L		11/11/24 14:09	11/12/24 13:16	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
DCB Decachlorobiphenyl	*82*		*10 - 145*	*11/11/24 14:09*	*11/12/24 13:16*	*1*
DCB Decachlorobiphenyl	*81*		*10 - 145*	*11/11/24 14:09*	*11/12/24 13:16*	*1*
Tetrachloro-m-xylene	*70*		*10 - 123*	*11/11/24 14:09*	*11/12/24 13:16*	*1*
Tetrachloro-m-xylene	*63*		*10 - 123*	*11/11/24 14:09*	*11/12/24 13:16*	*1*

Lab Sample ID: LCS 240-634830/2-A
Matrix: Solid
Analysis Batch: 634953

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 634830

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
Endrin			0.00100	0.000794		mg/L		79	36 - 120		
Heptachlor			0.00100	0.000709		mg/L		71	29 - 120		
Heptachlor epoxide			0.00100	0.000775		mg/L		77	36 - 120		
gamma-BHC (Lindane)			0.00100	0.000762		mg/L		76	23 - 120		
Methoxychlor			0.00100	0.000798	J	mg/L		80	23 - 140		

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
DCB Decachlorobiphenyl	*76*		*10 - 145*
DCB Decachlorobiphenyl	*77*		*10 - 145*
Tetrachloro-m-xylene	*61*		*10 - 123*
Tetrachloro-m-xylene	*56*		*10 - 123*

Lab Sample ID: LCSD 240-634830/3-A
Matrix: Solid
Analysis Batch: 634953

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 634830

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Endrin			0.00100	0.000725		mg/L		72	36 - 120	9	35
Heptachlor			0.00100	0.000723		mg/L		72	29 - 120	2	35
Heptachlor epoxide			0.00100	0.000735		mg/L		73	36 - 120	5	35
gamma-BHC (Lindane)			0.00100	0.000723		mg/L		72	23 - 120	5	35
Methoxychlor			0.00100	0.000724	J	mg/L		72	23 - 140	10	35

Surrogate	*LCSD %Recovery*	*LCSD Qualifier*	*Limits*
DCB Decachlorobiphenyl	*67*		*10 - 145*
DCB Decachlorobiphenyl	*67*		*10 - 145*
Tetrachloro-m-xylene	*63*		*10 - 123*
Tetrachloro-m-xylene	*58*		*10 - 123*

Method: 8081B - Organochlorine Pesticides (GC) (Continued)

Lab Sample ID: 240-214504-1 MS
Matrix: Solid
Analysis Batch: 634953

Client Sample ID: T250-E-0.0
Prep Type: TCLP
Prep Batch: 634830

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Endrin	ND		0.00100	0.000741		mg/L		74	58 - 120
Heptachlor	ND		0.00100	0.000772		mg/L		77	42 - 120
Heptachlor epoxide	ND		0.00100	0.000731		mg/L		73	54 - 120
gamma-BHC (Lindane)	ND		0.00100	0.000773		mg/L		77	32 - 120
Methoxychlor	ND		0.00100	0.000801	J	mg/L		80	11 - 159

Surrogate	*MS %Recovery*	*MS Qualifier*	*Limits*
DCB Decachlorobiphenyl	*88*		*10 - 145*
DCB Decachlorobiphenyl	*69*		*10 - 145*
Tetrachloro-m-xylene	*66*		*10 - 123*
Tetrachloro-m-xylene	*63*		*10 - 123*

Method: 8151A - Herbicides (GC)

Lab Sample ID: MB 460-1006269/1-A
Matrix: Solid
Analysis Batch: 1006273

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 1006269

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2,4-D	ND		0.083	0.0050	mg/L		11/11/24 09:11	11/11/24 21:07	1
2,4-D	ND		0.083	0.0050	mg/L		11/11/24 09:11	11/11/24 21:07	1
Silvex (2,4,5-TP)	ND		0.083	0.0040	mg/L		11/11/24 09:11	11/11/24 21:07	1
Silvex (2,4,5-TP)	ND		0.083	0.0040	mg/L		11/11/24 09:11	11/11/24 21:07	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2,4-Dichlorophenylacetic acid	*62*		*10 - 150*	*11/11/24 09:11*	*11/11/24 21:07*	*1*
2,4-Dichlorophenylacetic acid	*60*		*10 - 150*	*11/11/24 09:11*	*11/11/24 21:07*	*1*

Lab Sample ID: LCS 460-1006269/2-A
Matrix: Solid
Analysis Batch: 1006273

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 1006269

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
2,4-D	0.133	0.142		mg/L		106	25 - 150
2,4-D	0.133	0.149		mg/L		112	25 - 150
Silvex (2,4,5-TP)	0.0333	0.0344	J	mg/L		103	39 - 150
Silvex (2,4,5-TP)	0.0333	0.0362	J	mg/L		109	39 - 150

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
2,4-Dichlorophenylacetic acid	*58*		*10 - 150*
2,4-Dichlorophenylacetic acid	*57*		*10 - 150*

Lab Sample ID: LCSD 460-1006269/3-A
Matrix: Solid
Analysis Batch: 1006273

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 1006269

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
2,4-D	0.133	0.133		mg/L		100	25 - 150	6	30

Method: 8151A - Herbicides (GC) (Continued)

Lab Sample ID: LCSD 460-1006269/3-A
Matrix: Solid
Analysis Batch: 1006273

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 1006269

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
2,4-D			0.133	0.135		mg/L		101	25 - 150	10	30
Silvex (2,4,5-TP)			0.0333	0.0329	J	mg/L		99	39 - 150	5	30
Silvex (2,4,5-TP)			0.0333	0.0342	J	mg/L		103	39 - 150	6	30

Surrogate	*LCSD %Recovery*	*LCSD Qualifier*	*Limits*
2,4-Dichlorophenylacetic acid	*54*		*10 - 150*
2,4-Dichlorophenylacetic acid	*53*		*10 - 150*

Lab Sample ID: LB 460-1006173/1-C
Matrix: Solid
Analysis Batch: 1006273

Client Sample ID: Method Blank
Prep Type: TCLP
Prep Batch: 1006269

Analyte	LB Result	LB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2,4-D	ND		0.083	0.0050	mg/L		11/11/24 09:21	11/12/24 00:02	1
Silvex (2,4,5-TP)	ND		0.083	0.0040	mg/L		11/11/24 09:21	11/12/24 00:02	1

Surrogate	*LB %Recovery*	*LB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2,4-Dichlorophenylacetic acid	*93*		*10 - 150*	*11/11/24 09:21*	*11/12/24 00:02*	*1*
2,4-Dichlorophenylacetic acid	*88*		*10 - 150*	*11/11/24 09:21*	*11/12/24 00:02*	*1*

Lab Sample ID: LB 460-1006342/1-C
Matrix: Solid
Analysis Batch: 1006630

Client Sample ID: Method Blank
Prep Type: TCLP
Prep Batch: 1006269

Analyte	LB Result	LB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2,4-D	ND		0.083	0.0050	mg/L		11/12/24 08:41	11/13/24 07:51	1
Silvex (2,4,5-TP)	ND		0.083	0.0040	mg/L		11/12/24 08:41	11/13/24 07:51	1

Surrogate	*LB %Recovery*	*LB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2,4-Dichlorophenylacetic acid	*35*		*10 - 150*	*11/12/24 08:41*	*11/13/24 07:51*	*1*
2,4-Dichlorophenylacetic acid	*28*		*10 - 150*	*11/12/24 08:41*	*11/13/24 07:51*	*1*

Method: 6010D - Metals (ICP)

Lab Sample ID: MB 240-634779/2-A
Matrix: Solid
Analysis Batch: 635335

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 634779

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	ND		0.050	0.0041	mg/L		11/13/24 06:00	11/14/24 11:03	1
Barium	ND		0.50	0.0013	mg/L		11/13/24 06:00	11/14/24 11:03	1
Beryllium	ND		0.0050	0.00060	mg/L		11/13/24 06:00	11/14/24 11:03	1
Cadmium	ND		0.050	0.00045	mg/L		11/13/24 06:00	11/14/24 11:03	1
Chromium	ND		0.050	0.00076	mg/L		11/13/24 06:00	11/14/24 11:03	1
Lead	ND		0.050	0.0028	mg/L		11/13/24 06:00	11/14/24 11:03	1
Nickel	ND		0.040	0.0022	mg/L		11/13/24 06:00	11/14/24 11:03	1
Selenium	ND		0.050	0.0060	mg/L		11/13/24 06:00	11/14/24 11:03	1
Silver	ND		0.050	0.0014	mg/L		11/13/24 06:00	11/14/24 11:03	1

Method: 6010D - Metals (ICP) (Continued)

Lab Sample ID: MB 240-634779/2-A
Matrix: Solid
Analysis Batch: 635335

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 634779

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Thallium	ND		2.0	0.0027	mg/L		11/13/24 06:00	11/14/24 11:03	1
Vanadium	ND		0.050	0.0056	mg/L		11/13/24 06:00	11/14/24 11:03	1
Zinc	ND		1.0	0.023	mg/L		11/13/24 06:00	11/14/24 11:03	1

Lab Sample ID: LCS 240-634779/3-A
Matrix: Solid
Analysis Batch: 635335

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 634779

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Arsenic	2.00	2.10		mg/L		105	50 - 150
Barium	2.00	1.96		mg/L		98	50 - 150
Beryllium	1.00	0.992		mg/L		99	50 - 150
Cadmium	1.00	0.999		mg/L		100	50 - 150
Chromium	1.00	0.980		mg/L		98	50 - 150
Lead	1.00	0.983		mg/L		98	50 - 150
Nickel	1.00	1.01		mg/L		101	50 - 150
Selenium	2.00	2.16		mg/L		108	50 - 150
Silver	0.100	0.0980		mg/L		98	50 - 150
Thallium	2.00	1.92	J	mg/L		96	50 - 150
Vanadium	1.00	1.01		mg/L		101	50 - 150
Zinc	1.00	1.05		mg/L		105	50 - 150

Lab Sample ID: LB 240-634668/1-B
Matrix: Solid
Analysis Batch: 635335

Client Sample ID: Method Blank
Prep Type: TCLP
Prep Batch: 634779

Analyte	LB Result	LB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	ND		0.050	0.0041	mg/L		11/13/24 06:00	11/14/24 10:58	1
Barium	ND		0.50	0.0013	mg/L		11/13/24 06:00	11/14/24 10:58	1
Beryllium	ND		0.0050	0.00060	mg/L		11/13/24 06:00	11/14/24 10:58	1
Cadmium	ND		0.050	0.00045	mg/L		11/13/24 06:00	11/14/24 10:58	1
Chromium	ND		0.050	0.00076	mg/L		11/13/24 06:00	11/14/24 10:58	1
Lead	ND		0.050	0.0028	mg/L		11/13/24 06:00	11/14/24 10:58	1
Nickel	ND		0.040	0.0022	mg/L		11/13/24 06:00	11/14/24 10:58	1
Selenium	ND		0.050	0.0060	mg/L		11/13/24 06:00	11/14/24 10:58	1
Silver	ND		0.050	0.0014	mg/L		11/13/24 06:00	11/14/24 10:58	1
Thallium	ND		2.0	0.0027	mg/L		11/13/24 06:00	11/14/24 10:58	1
Vanadium	ND		0.050	0.0056	mg/L		11/13/24 06:00	11/14/24 10:58	1
Zinc	ND		1.0	0.023	mg/L		11/13/24 06:00	11/14/24 10:58	1

Method: 7470A - Mercury (CVAA)

Lab Sample ID: LB 240-634786/1-A
Matrix: Solid
Analysis Batch: 635240

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 634786

Analyte	LB Result	LB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	ND		0.0020	0.00013	mg/L		11/13/24 10:00	11/13/24 15:16	1

Method: 7470A - Mercury (CVAA) (Continued)

Lab Sample ID: MB 240-634786/2-A
Matrix: Solid
Analysis Batch: 635240

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 634786

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	ND		0.0020	0.00013	mg/L		11/13/24 10:00	11/13/24 15:22	1

Lab Sample ID: LCS 240-634786/3-A
Matrix: Solid
Analysis Batch: 635240

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 634786

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
Mercury			0.00500	0.00467		mg/L		93	80 - 120		

Lab Sample ID: LCSD 240-634786/4-A
Matrix: Solid
Analysis Batch: 635240

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 634786

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Mercury			0.00500	0.00473		mg/L		95	80 - 120	1	20

QC Association Summary

Client: August Mack Environmental, Inc.
Project/Site: MSC Canfield

Job ID: 240-214504-1

GC Semi VOA

Leach Batch: 634668

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
240-214504-1	T250-E-0.0	TCLP	Solid	1311	
240-214504-1 MS	T250-E-0.0	TCLP	Solid	1311	

Prep Batch: 634830

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
240-214504-1	T250-E-0.0	TCLP	Solid	3510C	634668
MB 240-634830/1-A	Method Blank	Total/NA	Solid	3510C	
LCS 240-634830/2-A	Lab Control Sample	Total/NA	Solid	3510C	
LCSD 240-634830/3-A	Lab Control Sample Dup	Total/NA	Solid	3510C	
240-214504-1 MS	T250-E-0.0	TCLP	Solid	3510C	634668

Analysis Batch: 634953

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
240-214504-1	T250-E-0.0	TCLP	Solid	8081B	634830
MB 240-634830/1-A	Method Blank	Total/NA	Solid	8081B	634830
LCS 240-634830/2-A	Lab Control Sample	Total/NA	Solid	8081B	634830
LCSD 240-634830/3-A	Lab Control Sample Dup	Total/NA	Solid	8081B	634830
240-214504-1 MS	T250-E-0.0	TCLP	Solid	8081B	634830

Leach Batch: 1006173

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
LB 460-1006173/1-C	Method Blank	TCLP	Solid	1311	

Prep Batch: 1006269

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
240-214504-1	T250-E-0.0	TCLP	Solid	8151A	1006342
LB 460-1006173/1-C	Method Blank	TCLP	Solid	8151A	1006173
LB 460-1006342/1-C	Method Blank	TCLP	Solid	8151A	1006342
MB 460-1006269/1-A	Method Blank	Total/NA	Solid	8151A	
LCS 460-1006269/2-A	Lab Control Sample	Total/NA	Solid	8151A	
LCSD 460-1006269/3-A	Lab Control Sample Dup	Total/NA	Solid	8151A	

Analysis Batch: 1006273

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
LB 460-1006173/1-C	Method Blank	TCLP	Solid	8151A	1006269
MB 460-1006269/1-A	Method Blank	Total/NA	Solid	8151A	1006269
LCS 460-1006269/2-A	Lab Control Sample	Total/NA	Solid	8151A	1006269
LCSD 460-1006269/3-A	Lab Control Sample Dup	Total/NA	Solid	8151A	1006269

Leach Batch: 1006342

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
240-214504-1	T250-E-0.0	TCLP	Solid	1311	
LB 460-1006342/1-C	Method Blank	TCLP	Solid	1311	

Analysis Batch: 1006630

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
240-214504-1	T250-E-0.0	TCLP	Solid	8151A	1006269
LB 460-1006342/1-C	Method Blank	TCLP	Solid	8151A	1006269

QC Association Summary

Client: August Mack Environmental, Inc.
Project/Site: MSC Canfield

Job ID: 240-214504-1

Metals

Leach Batch: 634668

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
240-214504-1	T250-E-0.0	TCLP	Solid	1311	
LB 240-634668/1-B	Method Blank	TCLP	Solid	1311	

Prep Batch: 634779

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
240-214504-1	T250-E-0.0	TCLP	Solid	3010A	634668
LB 240-634668/1-B	Method Blank	TCLP	Solid	3010A	634668
MB 240-634779/2-A	Method Blank	Total/NA	Solid	3010A	
LCS 240-634779/3-A	Lab Control Sample	Total/NA	Solid	3010A	

Prep Batch: 634786

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
240-214504-1	T250-E-0.0	TCLP	Solid	7470A	634668
LB 240-634786/1-A	Method Blank	Total/NA	Solid	7470A	
MB 240-634786/2-A	Method Blank	Total/NA	Solid	7470A	
LCS 240-634786/3-A	Lab Control Sample	Total/NA	Solid	7470A	
LCSD 240-634786/4-A	Lab Control Sample Dup	Total/NA	Solid	7470A	

Analysis Batch: 635240

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
240-214504-1	T250-E-0.0	TCLP	Solid	7470A	634786
LB 240-634786/1-A	Method Blank	Total/NA	Solid	7470A	634786
MB 240-634786/2-A	Method Blank	Total/NA	Solid	7470A	634786
LCS 240-634786/3-A	Lab Control Sample	Total/NA	Solid	7470A	634786
LCSD 240-634786/4-A	Lab Control Sample Dup	Total/NA	Solid	7470A	634786

Analysis Batch: 635335

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
240-214504-1	T250-E-0.0	TCLP	Solid	6010D	634779
LB 240-634668/1-B	Method Blank	TCLP	Solid	6010D	634779
MB 240-634779/2-A	Method Blank	Total/NA	Solid	6010D	634779
LCS 240-634779/3-A	Lab Control Sample	Total/NA	Solid	6010D	634779

Lab Chronicle

Client: August Mack Environmental, Inc.
Project/Site: MSC Canfield

Job ID: 240-214504-1

Client Sample ID: T250-E-0.0

Date Collected: 11/07/24 13:17
Date Received: 11/07/24 16:00

Lab Sample ID: 240-214504-1

Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
TCLP	Leach	1311			634668	KLE	EET CLE	11/10/24 14:50 - 11/11/24 07:40 [1]
TCLP	Prep	3510C			634830	GBS	EET CLE	11/11/24 14:09
TCLP	Analysis	8081B		1	634953	MBB	EET CLE	11/12/24 14:03
TCLP	Leach	1311			1006342	YAH	EET EDI	11/11/24 17:01 - 11/12/24 09:01 [1]
TCLP	Prep	8151A			1006269	BXP	EET EDI	11/12/24 08:41
TCLP	Analysis	8151A		1	1006630	SAK	EET EDI	11/13/24 08:31
TCLP	Leach	1311			634668	KLE	EET CLE	11/10/24 14:50 - 11/11/24 07:40 [1]
TCLP	Prep	3010A			634779	XWS6	EET CLE	11/13/24 06:00
TCLP	Analysis	6010D		1	635335	RKT	EET CLE	11/14/24 12:02
TCLP	Leach	1311			634668	KLE	EET CLE	11/10/24 14:50 - 11/11/24 07:40 [1]
TCLP	Prep	7470A			634786	XWS6	EET CLE	11/13/24 10:00
TCLP	Analysis	7470A		1	635240	GK	EET CLE	11/13/24 15:34

[1] This procedure uses a method stipulated length of time for the process. Both start and end times are displayed.

Laboratory References:

EET CLE = Eurofins Cleveland, 180 S. Van Buren Avenue, Barberton, OH 44203, TEL (330)497-9396

EET EDI = Eurofins Edison, 777 New Durham Road, Edison, NJ 08817, TEL (732)549-3900

Accreditation/Certification Summary

Client: August Mack Environmental, Inc.
Job ID: 240-214504-1
Project/Site: MSC Canfield

Laboratory: Eurofins Cleveland

All accreditations/certifications held by this laboratory are listed. Not all accreditations/certifications are applicable to this report.

Authority	Program	Identification Number	Expiration Date
California	State	2927	02-28-25
Connecticut	State	PH-0806	12-31-26
Georgia	State	4062	02-27-25
Illinois	NELAP	200004	08-31-25
Iowa	State	421	06-01-25
Kentucky (UST)	State	112225	02-27-25
Kentucky (WW)	State	KY98016	12-30-24
Minnesota	NELAP	039-999-348	12-31-24
New Hampshire	NELAP	225024	09-30-25
New Jersey	NELAP	OH001	07-03-25
New York	NELAP	10975	04-02-25
Ohio VAP	State	ORELAP 4062	02-27-25
Oregon	NELAP	4062	02-27-25
Pennsylvania	NELAP	68-00340	08-31-25
Texas	NELAP	T104704517-22-19	08-31-25
USDA	US Federal Programs	P330-18-00281	01-05-27
Virginia	NELAP	460175	09-14-25
West Virginia DEP	State	210	12-31-24

Laboratory: Eurofins Edison

All accreditations/certifications held by this laboratory are listed. Not all accreditations/certifications are applicable to this report.

Authority	Program	Identification Number	Expiration Date
Connecticut	State	PH-0818	09-30-26
DE Haz. Subst. Cleanup Act (HSCA)	State	N/A	01-02-25
Georgia	State	12028 (NJ)	07-01-25
Massachusetts	State	M-NJ312	07-01-25
New Jersey	NELAP	12028	06-30-25
New York	NELAP	11452	04-01-25
Pennsylvania	NELAP	68-00522	02-28-25
Rhode Island	State	LAO00376	12-31-24
USDA	US Federal Programs	525-24-149-77606	05-21-27

Eurofins Cleveland
180 S. Van Buren Avenue
Barberton, OH 44203
Phone (330) 497-9396 Phone (330) 497-0772

Chain of Custody Record

4.2 | 4.4

eurofins | Environment Testing

Client Information	Sampler: A. CRANE	Lab PM: Kalis, Nicole A	Carrier Tracking No(s):	COC No: 240-125508-43774.1
Client Contact: Kain Lager-Lowe	Phone: 8(614) 725-8872	E-Mail: Nicole.Kalis@et.eurofinsus.com	State of Origin:	Page: Page 1 of 1
Company: August Mack Environmental, Inc.	PWSID:			Job #: JT2380.372
Address: 7830 North Central Drive, Suite B	Due Date Requested:			
City: Lewis Center	TAT Requested (days): 3 Day TAT			
State, Zip: OH, 43035	Compliance Project: Δ Yes Δ No			
Phone: 740-548-1515(Tel)	PO #:			
Email: klagerlowe@augustmack.com	WO #:			
Project Name: MSC Canfield	Project #: DO NOT DELETE 24033889			
Site: MSC CANFIELD	SSOW#:			

Analysis Requested

Sample Identification	Sample Date	Sample Time	Sample Type (C=comp, G=grab)	Matrix (W=water, S=solid, O=waste/oil, BT=Tissue, A=Air)	Field Filtered Sample (Yes or No)	Perform MS/MSD (Yes or No)	8081B - Pesticides	8151A - Herbicides	1311/6010/7470 - TCLP RCRA 8	Total Number of containers	Special Instructions/Note:
			Preservation Code:								
T250-E-0.0	11/7/24	1317	G	S	N	N	1	1	2	4	

Preservation Codes:

Other:

240-214504 COC

Possible Hazard Identification	Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)
☐ Non-Hazard ☐ Flammable ☐ Skin Irritant ☐ Poison B ☐ Unknown ☐ Radiological	☐ Return To Client ☐ Disposal By Lab ☐ Archive For _____ Months
Deliverable Requested: I, II, III, IV, Other (specify)	Special Instructions/QC Requirements:

Empty Kit Relinquished by:	Date:	Time:	Method of Shipment:

	Relinquished by	Date/Time	Company	Received by	Date/Time	Company
1	[signature]	11/7/24 1455	AME	[signature]	11/7/24 1455	EUR
2	[signature]	11/7/24 1600	EUR	KATHARINE MARTIN	11/7/24 1600	EUR
3						

Custody Seals Intact: Δ Yes Δ No	Custody Seal No.:	Cooler Temperature(s) °C and Other Remarks:

Eurofins – Cleveland Sample Receipt Form/Narrative **Login # :** _____
Barberton Facility

Client August Mack Site Name _____ Cooler unpacked by: KM

Cooler Received on 11/7/24 Opened on 11/7/24

FedEx: 1st Grd Exp UPS FAS Waypoint Client Drop Off Eurofins Courier Other _____

Receipt After-hours. Drop-off Date/Time _____ Storage Location _____

Eurofins Cooler # EC Foam Box Client Cooler Box Other _____

Packing material used. ~~Bubble Wrap~~ Foam Plastic Bag None Other _____

COOLANT: Wet Ice Blue Ice Dry Ice Water None

1 Cooler temperature upon receipt ☐ See Multiple Cooler Form

IR GUN # 21 (CF 10.2 °C) Observed Cooler Temp. 4.2 °C Corrected Cooler Temp 4.4 °C

2. Were tamper/custody seals on the outside of the cooler(s)? If Yes Quantity_____	Yes (No)	**Tests that are not checked for pH by Receiving:**
-Were the seals on the outside of the cooler(s) signed & dated?	Yes No (NA)	
-Were tamper/custody seals on the bottle(s) or bottle kits (LLHg/MeHg)?	Yes (No)	**VOAs**
-Were tamper/custody seals intact and uncompromised?	Yes No (NA)	**Oil and Grease**
3 Shippers' packing slip attached to the cooler(s)?	Yes (No)	**TOC**
4. Did custody papers accompany the sample(s)?	(Yes) No	
5 Were the custody papers relinquished & signed in the appropriate place?	(Yes) No	
6. Was/were the person(s) who collected the samples clearly identified on the COC?	(Yes) No	
7 Did all bottles arrive in good condition (Unbroken)?	(Yes) No	
8. Could all bottle labels (ID/Date/Time) be reconciled with the COC?	(Yes) No	
9 For each sample, does the COC specify preservatives (Y/N), # of containers (Y/N), and sample type of grab/comp (Y/N)?		
10 Were correct bottle(s) used for the test(s) indicated?	(Yes) No	
11 Sufficient quantity received to perform indicated analyses?	(Yes) No	
12. Are these work share samples and all listed on the COC?	Yes (No)	
If yes, Questions 13-17 have been checked at the originating laboratory		
13 Were all preserved sample(s) at the correct pH upon receipt?	Yes No (NA)	pH Strip Lot# HC448976
14. Were VOAs on the COC?	Yes (No)	
15 Were air bubbles >6 mm in any VOA vials? ● ⬅ Larger than this.	Yes No (NA)	
16 Was a VOA trip blank present in the cooler(s)? Trip Blank Lot #_____	Yes (No)	
17 Was a LL Hg or Me Hg trip blank present? _____	Yes (No)	

Contacted PM _____ Date _____ by _____ via Verbal Voice Mail Other

Concerning _____

18. CHAIN OF CUSTODY & SAMPLE DISCREPANCIES ☐ additional next page | Samples processed by:

_____

_____

_____

_____

19. SAMPLE CONDITION

Sample(s) _____ were received after the recommended holding time had expired.

Sample(s) _____ were received in a broken container

Sample(s) _____ were received with bubble >6 mm in diameter (Notify PM)

20. SAMPLE PRESERVATION

Sample(s) _____ were further preserved in the laboratory

Time preserved. _____ Preservative(s) added/Lot number(s): _____

VOA Sample Preservation - Date/Time VOAs Frozen. _____

11/7/2024

Login Container Summary Report

240-214504

12/5/2024 (Rev. 1)

Temperature readings _____

Client Sample ID	Lab ID	Container Type	Container pH	Container Temp	Preservation Added	Preservation Lot Number
T250-E-0 0	240-214504-B-1	Soil jar 4oz - clear glass				
T250-E-0 0	240-214504-C-1	Soil jar 4oz - clear glass				
T250-E-0 0	240-214504-D-1	Soil jar 4oz - clear glass				
T250-E-0 0	240-214504-E-1	Soil jar 4oz - clear glass				

Eurofins Cleveland
180 S. Van Buren Avenue
Barberton, OH 44203
Phone: 330-497-9396 Fax: 330-497-0772

Chain of Custody Record

eurofins | Environment Testing

Client Information (Sub Contract Lab)	Sampler: N/A	Lab PM: Kalis, Nicole A	Carrier Tracking No(s): N/A	COC No: 240-193604.1
Client Contact: Shipping/Receiving	Phone: N/A	E-Mail: Nicole.Kalis@et.eurofinsus.com	State of Origin: Ohio	Page: Page 1 of 1
Company: Eurofins Environment Testing Northeast L		Accreditations Required (See note): N/A		Job #: 240-214504-1
Address: 777 New Durham Road,	Due Date Requested: 11/20/2024			
City: Edison	TAT Requested (days): N/A			
State, Zip: NJ 08817				
Phone: 732-549-3900(Tel) 732-549-3679(Fax)	PO #: N/A			
Email: N/A	WO #: N/A			
Project Name: MSC Canfield	Project #: 24033889			
Site: N/A	SSOW#: N/A			

Analysis Requested

Preservation Codes:

Other: N/A

Sample Identification Client ID (Lab ID)	Sample Date	Sample Time	Sample Type (C=comp, G=grab)	Matrix (W=water, S=solid, O=waste/oil, BT=Tissue, A=Air)	Field Filtered Sample (Yes or No)	Perform MS/MSD (Yes or No)	8151A/1311_T TCLP Herbicides	Total Number of containers	Special Instructions/Note:
			Preservation Code:						
T250-E-0.0 (240-214504-1)	11/7/24	13:17 Eastern	G	Solid			X	1	

Note: Since laboratory accreditations are subject to change, Eurofins Environment Testing North Central, LLC places the ownership of method, analyte & accreditation compliance upon our subcontract laboratories. This sample shipment is forwarded under chain-of-custody. If the laboratory does not currently maintain accreditation in the State of Origin listed above for analysis/tests/matrix being analyzed, the samples must be shipped back to the Eurofins Environment Testing North Central, LLC laboratory or other instructions will be provided. Any changes to accreditation status should be brought to Eurofins Environment Testing North Central, LLC attention immediately. If all requested accreditations are current to date, return the signed Chain of Custody attesting to said compliance to Eurofins Environment Testing North Central, LLC.

Possible Hazard Identification *Unconfirmed*	***Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)*** ☐ *Return To Client* ☐ *Disposal By Lab* ☐ *Archive For* _____ *Months*
Deliverable Requested: I, II III, IV Other (specify) Primary Deliverable Rank: 2	Special Instructions/QC Requirements:

Empty Kit Relinquished by:		Date:		Time:		Method of Shipment: Fedex	
Relinquished by: KATHARINE MARTIN	Date/Time: 11/7/24	Company EUR	Received by: [signature]	Date/Time: 11/8/24 1040	Company		
Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company		
Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company		
Custody Seals Intact: ∆ Yes ∆ No	Custody Seal No.		Cooler Temperature(s) °C and Other Remarks:				

IR 9 10-12

Ver: 10/10/2024

Login Sample Receipt Checklist

Client: August Mack Environmental, Inc.

Job Number: 240-214504-1

Login Number: 214504
List Number: 2
Creator: Armbruster, Chris

List Source: Eurofins Edison
List Creation: 11/08/24 12:22 PM

Question	Answer	Comment
Radioactivity wasn't checked or is </= background as measured by a survey meter.	N/A	
The cooler's custody seal, if present, is intact.	N/A	
Sample custody seals, if present, are intact.	N/A	
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	True	
Cooler Temperature is acceptable.	True	
Cooler Temperature is recorded.	True	1.0/1.2°C IR9
COC is present.	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information.	True	
Is the Field Sampler's name present on COC?	True	
There are no discrepancies between the containers received and the COC.	True	
Samples are received within Holding Time (excluding tests with immediate HTs)	True	
Sample containers have legible labels.	True	
Containers are not broken or leaking.	True	
Sample collection date/times are provided.	True	
Appropriate sample containers are used.	True	
Sample bottles are completely filled.	True	
Sample Preservation Verified.	True	
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	True	
Containers requiring zero headspace have no headspace or bubble is <6mm (1/4").	True	
Multiphasic samples are not present.	True	
Samples do not require splitting or compositing.	True	
Residual Chlorine Checked.	N/A	