DRAFT RCRA Closure Plan

Former RCRA Storage Pad
29801 Euclid Avenue
Wickliffe, Ohio

EPA ID OHD000724054

May 2022

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TABLE OF CONTENTS

1.0 Introduction 1

1.1 Purpose and Objective 1
1.2 Site Location and Description of Facility 1
1.2.1 Historic Property Use 2
1.2.2 Current Property Use 2
1.2.3 Site Geological and Hydrogeological Setting 2
1.2.4 Former RCRA Unit Geological and Hydrogeological Setting 3

2.0 Description of Unit to be Closed 5

2.1 Listed Wastes Potentially Stored at Former Unit 5
2.2 Limit of Unit to be Closed 5
2.3 Period of Use 5
2.4 Possible Release/Impact 6

3.0 SITE CHARACTERIZATION 7

3.1 Conceptual Site Model 7
3.2 Potentially Impacted Media 8
3.3 Site Investigations 8
3.4 Soil Investigation and Findings 8
3.5 Previous Investigations 8
3.6 TRC Investigations 9
3.6.1 Field Activities 9
3.6.2 Summary of Findings 10
3.6.2.1 VOCs in Soil 10
3.6.2.2 SVOCs in Soil 11
3.6.2.3 PCBs in Soil 11
3.6.2.4 Metals and Inorganic Compounds in Soil 11
3.6.2.5 Evaluation of Transport Activities 12
3.6.2.6 SPLP Leaching Evaluation 12
3.6.3 Conclusions 12

4.0 REMEDIAL ACTIVITIES 14

4.1 Project Remedial Objectives 14
4.2 Potentially Impacted Media 14
4.2.1 Chemicals of Concern 14
4.3 Land Disposal Restrictions (LDR) 15
4.4 Closure Performance Standards 15

4.4.1 Protection of Groundwater *16*
4.4.2 Risk-Based Direct Contact Standards *17*
4.4.3 Closure Performance Standards Summary *17*
4.4.4 Point of Compliance *17*
4.4.5 General Approach *18*
4.5 Work Area 18
4.6 Unit Boundaries 18
4.7 Removal and Disposal Process 19
4.7.1 Waste Characterization and Disposal Standards *19*
4.7.2 Permits *19*
4.7.3 Site Preparation *20*
4.7.4 Concrete Removal and Decontamination *20*
4.7.5 Soil Excavation and Loading *22*
4.8 Confirmatory Sampling 23
4.8.1 Confirmation of LDR Standards *23*
4.8.2 Confirmation of Closure Performance Standards *24*
4.8.3 Management Methods for Potentially Contaminated Soil *24*
4.8.4 Sampling and Analytical Information *25*
4.8.5 Data Evaluation *25*
4.9 Backfilling and Restoration 25
4.10 Documentation of Field Activities 25

5.0 REMEDIATION CONTROLS AND CONTINGENCY PLAN 28
5.1 Wastewater and Air Emissions 28
5.1.1 Wastewater *28*
5.1.2 Dust and Debris *28*
5.1.3 Odor *28*
5.1.4 Storm Event and Excavation Flooding *29*
5.2 Health and Safety 29
5.3 Site Security 29
5.4 Decontamination Procedures 29
5.5 Managing Waste 30
5.5.1 Waste Characterization *31*
5.5.2 Transportation and Disposal *31*
5.6 Engineering/Institutional Controls 31
5.7 Contingency Plan 31

6.0 SCHEDULE FOR CLOSURE 32

7.0 CLOSURE REPORT AND CERTIFICATION 33

8.0 COST ESTIMATES FOR CLEAN CLOSURE 34

9.0 REFERENCES 35

TABLES

Table 1 Groundwater Elevation Data (December 2019 – July 2021)
Table 2 Summary of VOCs and SVOCs in Soil
Table 3 Summary of Metals and Inorganic Compounds in Soil
Table 4 Summary of PCBs in Soil
Table 5 Summary of COCs Groundwater
Table 6 Summary of TCLP Waste Characterization Data
Table 7 Leaching Evaluation - Comparison of SPLP Data to Total VOC Concentrations
Table 8 Closure Performance Standards
Table 9 Summary of Planned Remedial Activities

FIGURES

Figure 1 Site Location Map
Figure 2 Site Features
Figure 3 Former RCRA Unit Layout and Sample Locations
Figure 4 Groundwater Elevations and Flow Direction (March 24, 2021)
Figure 5 Groundwater Elevations and Flow Direction (July 7, 2021)
Figure 6 Conceptual Site Model
Figure 7 Area 1 – Southwestern Portion of Former RCRA Unit COC Concentrations in Soil
Figure 8 Area 2 – Central Portion of Former RCRA Unit COC Concentrations in Soil
Figure 9 Area 3 – Northeastern Portion of Former RCRA Unit COC Concentrations in Soil
Figure 10 Former RCRA Unit Work Area Layout
Figure 11 Elevation Profile for RCRA Unit and Surrounding Area

APPENDICES

Appendix A Draft RCRA Environmental Covenant
Appendix B Soil Boring Logs
Appendix C Laboratory Analytical Reports
Appendix D Project Schedule

1.0 Introduction

ABB Inc. (ABB) occupied the property located at 29801 Euclid Avenue, Wickliffe, Ohio (Site or Property, see **Figure 1**) from the 1950s through January 2018 and formerly operated a designated less than 90-day storage RCRA Unit for hazardous waste (former Unit). In 2001, the facility transitioned to assembly and engineering support services and the RCRA generator status was changed to Conditionally Exempt Small Quantity Generator (CESQG). The former Unit was an approximate 200-foot long by 30-foot-wide concrete-paved area to the northwest of the facility's manufacturing building (**Figure 2)**. According to facility and Ohio EPA records, historical hazardous wastes generated at the Site were listed as ignitable, mercury, spent solvents, hydrogen sulfide, polychlorinated biphenyls (PCBs), and cyanide.

ABB initiated discussions with Ohio EPA regarding the Site in June 2020 and provided a summary of all available soil and groundwater data to the agency at that time. Examples calculations for determining RCRA soil Closure Performance Standards (CPSs) that are protective of groundwater were provided in July 2020. Ohio EPA recommended that data gaps at the Site be addressed before proceeding with preparation of a Closure Plan for the Unit. TRC submitted a *Proposed Scope of Work – Supplemental Sampling and Data Gap Analysis* on October 26, 2020, to which Ohio EPA provided written comments on November 18, 2020. The supplemental investigation was amended to address the agency's comments and was performed in accordance with the *Proposed Scope of Work – Supplemental Sampling and Data Gap Analysis*, as amended November 20, 2020. TRC implemented this scope of work in February 2021. A technical memorandum, *Supplemental Sampling Summary of Findings, Former ABB Property, Former RCRA Unit, Wickliffe, Ohio,* which summarized the supplemental investigation activities and findings was submitted to Ohio EPA on July 12, 2021. The technical memorandum concluded the supplemental soil sampling had successfully delineated the extent of chemicals of concern (COCs), mainly chlorinated volatile organic compounds (VOCs), attributable to the former RCRA Unit and stated that ABB would subsequently submit a RCRA Closure Plan to Ohio EPA for review and approval.

This Closure Plan describes the specifics of the operation of the former RCRA Unit and measures that will be taken to close it accordance with Ohio Administrative Code (OAC) Chapters 3745-54 to 3745-57 and rules 3745-66-10 to 3745-66-15, including, but not limited to, the requirements of rules 3745-67-28, 3745-67-58, 3745-67-80, and 3745-69-04.

1.1 Purpose and Objective

The purpose of the RCRA Closure Plan is to detail the activities and outcomes that ABB will implement to achieve clean closure for soil of the former RCRA Unit under the supervision of Ohio EPA using performance standards established in a Closure Plan to demonstrate that all waste has been removed from the Unit. Following demonstration that the former Unit has achieved "clean closure" for soil, impacted soil outside the former RCRA Unit and ground water will be addressed under the Ohio Voluntary Action Program (VAP).

1.2 Site Location and Description of Facility

The Site consists of one parcel (29-A-003-0-00-005-0) of 44 acres of land located in Wickliffe,

Ohio in Lake County (**Figure 1**). ABB previously used the Site to conduct the assembly and testing of electronic components for microprocessor control systems. Site surface features include approximately 280,000 square feet under roof in a manufacturing building and an administrative office building. Site features are shown on **Figure 2**. A storm sewer catch basin (labeled CB-01) is located near monitoring well MW-07 near the northeastern corner of the former Unit. A shallow swale is located along the northwestern edge of the former Unit a few feet off the concrete pad (see **Figure 3**). The ground surface elevation slopes upward to the north and northwest of the swale.

Hazardous waste listed as ignitable, mercury, spent non-halogenated solvents, hydrogen sulfide, PCBs, and cyanide have been generated during ABB and its predecessor's occupancy. Other site buildings include a cooling tower, gas metering building, and a water pump house.

1.2.1 Historic Property Use

The Property was residential and agricultural land until construction of the currently-existing manufacturing building in the 1950's. According to an EDR City Directory database, the Site has been occupied by:

- Bailey Meter Company (1961, 1968, 1975 and 1977);
- Babcock & Wilcox Company (1975, 1982 and 1987);
- Elsag Bailey Inc. (1992 and 1995);
- Bailey Controls Federal Credit Union (1992, 1995, 2000, 2005, 2010 and 2014);
- ABB (as Automation Inc. in 2000 and 2014 and ABB Inc. in 2005, 2010 and 2014);
- Fisher & Porter Co. Inc. (2000 and 2010); and
- American Express Bus Fin Corp. (2005).

ABB sold the property in 2001 to Townsend Wickliffe, LLC, but continued to lease the property until January 2018. ABB operations ceased in January 2018.

1.2.2 Current Property Use

The Property is currently owned by Premier Development Partners (Premier), which leases the former manufacturing building as a warehouse to Mars Electric, a hot tub distributer, and the government (for records storage), and outdoor parking and storage space to Reliable Plow. The former administrative building is currently unused.

1.2.3 Site Geological and Hydrogeological Setting

The Site is located in southwest Lake County Ohio and is situated within the Lake Plain Province, characterized as a narrow strip of land (approximately four miles wide) along Lake Erie. The Lake Plain is a level surface three to five miles wide and poorly drained in most places. During the Pleistocene epoch, continental ice sheets spread into Lake County from the Erie basin at least five times during the Wisconsinan Stage and an unknown number of times in earlier stages. The ice advances deposited tills, unsorted

mixtures of clay, silt, sand, and pebbles, in identifiable sheets. Elevation ranges from 760 above Mean Sea Level (feet-MSL) at the base of the Painesville Moraine to 600-620 feet-MSL at the top of the cliff rising above Lake Erie. Local and regional surface water drainage is to the northwest, draining into Lake Erie.

The bedrock underlying the Site is the Lake Plains Shale, a Devonian-age shale found within the thick Chagrin Shale Member of the Ohio Shale. The shale is close to the surface at the Site and outcrops in the stream valleys nearby. According to the Ground-Water Resources Map of Lake County, wells drilled into the Ohio shale can have expected groundwater yields of less than five gallons per minute. When drilling deeper into the shale, many wells may become dry, and it is not uncommon to encounter brackish and oily water.

The Site and surrounding areas are serviced by municipal water supplies obtained from water intakes in Lake Erie. No public or private drinking water waters are known to be in use within one mile of the Site.

Sixteen monitoring wells have been installed at the Site to determine the quality and flow direction of the uppermost ground water. Groundwater elevations from onsite monitoring wells are compiled in **Table 1**. Groundwater elevation contour maps for March 2021 and July 2021 are included as **Figure 4** and **Figure 5**, respectively. The uppermost groundwater occurs at depths of six to seven feet below ground surface (bgs) at the contact between the surface soil and underlying bedrock. This groundwater ranges across the Site from approximately 660 feet above Mean Sea Level (feet-MSL) at the south corner of the Site to approximately 645 feet-MSL at the former RCRA Unit. Based on a review of the March 2021 and July 2021 groundwater contour maps, sitewide groundwater flow direction is to the north but is deflected to the northeast in the vicinity of the concrete roadway and parking area north of the former manufacturing building near the former RCRA Unit. This flow in the vicinity of the former RCRA Unit is likely influenced by concrete and storm sewer lines located between the building and former RCRA Unit. The groundwater flow geometry of the March and July 2021 appear generally congruent, although the March 2021 data shows a steeper sitewide gradient due most likely to a seasonal increase in precipitation and infiltration.

1.2.4 Former RCRA Unit Geological and Hydrogeological Setting

The site investigations determined that the upper six feet of soil at the Site, including the soils that underlie the former RCRA Unit, consist of approximately one to two feet of fill material overlying low permeability silty clay glacial and lake ridge sediments. These unconsolidated soils are underlain by weathered bedrock of the Ohio Shale.

Groundwater at the former RCRA Unit has been consistently measured at approximately six feet below ground surface (feet-bgs). Based on multiple measurements made from December 2019 to July 2021, static depth to water measurements collected from monitoring wells MW-05, MW-06, MW-07, and AMW-10, located adjacent to the former Unit, yielded measurements averaging 6.2 feet-bgs. Groundwater saturation at six feet-

bgs was also observed in soil borings advanced in and around the former Unit.

2.0 Description of Unit to be Closed

ABB and its predecessor companies occupied the Site from the 1950s through January 2018 and formerly operated a designated less than 90-day storage RCRA Unit for hazardous waste on a concrete-paved exterior area north of the plant building. The former Unit was an approximate 200-feet long by 30-feet wide portion of a concrete driveway northwest of the manufacturing facility. Hazardous waste listed as ignitable, mercury, spent non-halogenated solvents, hydrogen sulfide, PCBs, and cyanide have been generated during ABB and Bailey's occupancy.

2.1 Listed Wastes Potentially Stored at Former Unit

Listed wastes potentially stored at the former Unit include the following:

- B004 PCBs
- B005 PCBs
- D001 Ignitability
- D002 Corrosivity
- D007 Chromium
- D009 Mercury
- F001 and F002 Spent halogenated solvents including tetrachloroethylene, trichloroethylene, and 1,1,1-trichloroethane
- F003 Xylenes, acetone, ethyl acetate, ethyl benzene, ethyl ether, methyl, isobutyl ketone, n-butyl alcohol, cyclohexanone, and methanol
- F005 Toluene, 2-butanone/methyl ethyl ketone (MEK), carbon disulfide, isobutanol, pyridine, benzene, 2- ethoxyethanol, and 2-nitropropane
- U135 Hydrogen Sulfide

2.2 Limit of Unit to be Closed

The former storage Unit for hazardous waste was along the northwestern edge of a concrete-paved exterior area north of the plant building. The limit of the area where wastes were stored was determined from a 1990 Draft Spill Prevention, Control, and Countermeasure (SPCC) Plan that included a figure depicting an area designated as the "Outdoor Chemical (Drum) Storage Area". The limits depicted in the Draft SPCC Plan matched observations of historical aerial photos that were reviewed.

2.3 Period of Use

ABB affiliated entities, including ABB Automation, Inc. and Bailey Controls Company, occupied the facility from the 1950s through January 2018 and operated as a Large Quantity Generator of hazardous waste that utilized a less than 90-day storage Unit until 2001. In 2001, the facility transitioned to assembly and engineering support services and the RCRA generator status was changed to CESQG. As of January 31, 2018, ABB terminated its lease and vacated the site.

Hazardous wastes listed as ignitable, mercury, spent non-halogenated solvents spent

halogenated solvents, chromium, hydrogen sulfide, PCBs, and cyanide have been generated during ABB and Bailey's occupancy. No records were identified that indicated these wastes, other than solvents, were stored in the Unit subject to Closure.

2.4 Possible Release/Impact

Releases may have occurred from storage of waste solvent drums within the boundary of the former Unit. The former Unit was reportedly bermed to prevent released materials from running off the concrete pad. Waste or virgin materials could have been released to soil by penetrating breaches in the berm or the underlying concrete. Detections of volatile organic compounds (VOCs), primarily chlorinated solvents, in soil and groundwater samples located upgradient (southeast) of the Unit indicate that upgradient releases from non-RCRA activities have commingled with soil and groundwater beneath and downgradient of the Unit. Specific upgradient sources of VOCs include a 12,000-gallon aboveground storage tank for 1,1,1 trichloroethane (1,1,1 TCA) located outside the building southwest of the Unit, and other VOC use and storage areas within the former manufacturing building.

Soil samples collected from SB-54, advanced along the northwest bank at Area 3 and in the vicinity of catch basin CB-1 **(Figure 3**), yielded VOC detections and at depth. Based on this single set of data, it is possible that the VOCs observed at SB-54 may be related to a release to CB-1.

3.0 SITE CHARACTERIZATION

Previous environmental assessments and investigation reports were conducted at the Site by various consultants beginning as early as 1990. Supplemental sampling activities were performed by TRC to identify the potential presence and subsequent extent of the COCs, mainly chlorinated VOCs in the vicinity of the former Unit potentially impacting soil and groundwater. The sections below discuss the findings of the TRC supplemental sampling combined with the previous assessment findings, and present the relevant data and information used to select the preferred remedial activities for the Unit.

3.1 Conceptual Site Model

The conceptual site model (CSM) illustrates the relationships between COCs, transport media, and the receptors in connection with the Site. A CSM aids in developing a strategy to further characterize the nature and extent of contamination. The CSM is based on current Site information to better understand the type of COCs present and their potential risks to human health and the environment. The CSM is intended to illustrate:

- The primary source of COCs;
- How chemicals at the original point of release might move in the environment;
- The receptor populations (e.g., residents, workers, visitors) who might come into contact with impacted media; and
- Potential exposure pathways (e.g., incidental ingestion of contaminated media, inhalation of chemicals in air, dermal contact with contaminated media) that may occur for each population.

A graphic representation of the CSM is presented in **Figure 6**. Potentially impacted media include soil, groundwater, and indoor air. During remedial activities, construction workers exposure to shallow groundwater, surface soil, and subsurface soil is considered a complete pathway and site worker/visitors' (in or near the work area) exposure to surface soil and subsurface soil is considered a complete backway. These risks will be managed through a Risk Management Plan that will be prepared under separate cover.

Soil impacts leaching to ground water and contributing to indoor air concentrations via vapor intrusion is considered a potentially complete pathway. Therefore, the pathway for VOCs in groundwater (attributable to the Unit) to migrate off-site and come into contact with off-site receptors via vapor intrusion is potentially complete. The CPS have been calculated specifically to address soils impacted with VOCs at levels that have the potential to leach to groundwater, volatilize from groundwater, and migrate to indoor air. Any groundwater impacts related to the co-mingled plume will be addressed separately under the VAP.

The Site's current use is commercial/industrial in nature. Adjoining properties are primarily used for or commercial purposes with some residential properties in the surrounding vicinity. The Site is connected to the City of Wickliffe municipal water supply; sanitary wastewater is discharged to the City of Wickliffe sanitary sewer system. A deed restriction has been recorded on the property that restricts the use of groundwater and includes a Commercial / Industrial

land-use restriction. In addition, an Environmental Covenant will be placed on the property to prohibit residential use of the property, restrict the use of ground water, and prohibit the construction of a new building over the RCRA Unit without a remedy to mitigate vapor intrusion or demonstration that vapor intrusion does not require a remedy. A draft copy of the Environmental Covenant is included in **Appendix A**.

3.2 Potentially Impacted Media

Soil and groundwater sampling performed at the Site indicated potential impacts to soil and groundwater due to activities associated with the Unit. The focus of TRC's supplemental investigations was to further characterize potential impacts specifically due to the Unit and identify possible co-mingling from other sources. Supplemental site investigation activities determined that the COCs detected in saturated soils at and below 6 feet-bgs were at least partially the result of upgradient releases to groundwater (see **Section 3.6.2**).

3.3 Site Investigations

The regulatory programs that are applicable to the Property conditions include Federal and Ohio RCRA rules and Ohio's Voluntary Action Program (VAP). Soil and groundwater samples were collected for laboratory for the following analyses:

- Cyanide;
- Volatile Organic Compounds (VOCs);
- Semivolatile Organic Compounds (SVOCs);
- Metals; and
- Polychlorinated Biphenyls (PCBs).

Results are discussed in detail below.

3.4 Soil Investigation and Findings

Previous and recent soil investigations have focused on evaluating prior detections of VOCs and other COCs near the Unit and at upgradient locations. Summaries of these investigations are provided below. Previous soil sampling results from the Site are provided in **Tables 2 through 4**. A summary of prior ground water sampling results is provided in **Table 5**.

3.5 Previous Investigations

Several prior investigations have been performed to investigate environmental conditions at the Site. Key documents that were reviewed in preparation of this Closure Plan outline include:

- *Draft Spill Prevention, Control, and Countermeasure (SPCC) Plan for Bailey Controls Company, Wickliffe, Ohio*, dated February 1990 by Baker/TSA, Inc.
- *Former Hazardous Waste Accumulation Area, Expanded Soil Sampling Results – Phase I*, dated May 7, 1990, by Baker Engineers;
- *Soil Sampling Activities (for paint booth closure)*, dated May 2000 by Hull and Associates;
- *Phase II Environmental Site Assessment*, dated December 10, 2001, by Harding ESE;

- *Receptor Survey Report*, dated March 4, 2002, by Harding ESE;
- *Monitoring Program Findings*, dated December 19, 2002, by MACTEC;
- *Closure Investigation Results – Former RCRA Waste Storage Unit*, dated February 19, 2018, by Amec Foster Wheeler;
- *ABB, Inc. Inspection Letter of Compliance Cessation of Regulated Operations*, dated May 18, 2018, by Ohio Environmental Protection Agency.
- *Limited Phase II Supplemental Environmental Assessment*, dated October 4, 2018, by ATC Group Services LLC (ATC); and
- *Supplemental Sampling Summary of Findings, Former ABB Property, Former RCRA Unit, Wickliffe, Ohio*, dated July 12, 2021, by TRC.

These prior investigations determined that VOCs are the primary COCs released from the former Unit. Sampling results for cyanide, SVOCs, PCBs were below USEPA Regional Screening Levels (RSLs) for soil for industrial land use. Concentrations of RCRA metals, except chromium, were also below RSLs. Chromium was initially analyzed as total chromium. Additional soil samples submitted for hexavalent chromium were non-detect, indicating that chromium in soil at the former Unit is trivalent chromium. When compared to screening criteria, the trivalent chromium concentrations were well below the applicable standards.

3.6 TRC Investigations

TRC was engaged by ABB in 2018 to continue the environmental investigation of the Site and begin planning for RCRA Closure activities. This included the additional investigation activities at the former RCRA Unit. TRC presented the work plan for these activities in the Ohio EPA-reviewed *Supplemental Sampling and Data Gap Analysis Workplan* (October 26, 2020); and the findings of these activities in the *Supplemental Sampling Summary of Findings, Former ABB Property, Former RCRA Unit, Wickliffe, Ohio* (July 12, 2021). This supplemental sampling focused on VOCs and hexavalent chromium since other COCs stored in the former Unit were shown to be below RSLs.

3.6.1 Field Activities

A total of 64 soil borings have been advanced at the former ABB site, primarily in and around the former RCRA Unit. Soil samples from initial borings (SB-01 through SB-26) were biased towards depth intervals where visual and screening indications of contamination were observed. Subsequent soil samples were collected from the 0-2 foot-bgs, 2-4 foot-bgs, and 4-6 feet-bgs interval of each soil boring (SB-27 through SB-54). Each soil sample was collected from a separate/single lithologic unit. Sample locations are shown on **Figure 3**. Soil samples were submitted to Eurofins/Test America Laboratory (E/TA) for analysis of total VOCs; select soil depth intervals from SB-34, SB-35, and SB-36 were submitted for analysis of total chromium and hexavalent chromium.

Additional sample volume was collected for Synthetic Precipitation Leaching Procedure (SPLP) analysis to evaluate the draft Groundwater Protection Standards. The total VOC concentration data were reviewed and samples representative of soils with relatively high, moderate, and relatively low VOC concentrations were selected for SPLP analysis.

Consequently, soil samples from SB-41, SB-42, SB-43, SB-44, SB-45, SB-47, SB-48, SB-51, SB-52, and SB-54 were analyzed for SPLP-VOCs.

3.6.2 Summary of Findings

Soils encountered during soil sampling activities were consistent with logs from previous soil investigations. The depth intervals of the previously described fill material (i.e., silt/sand/clay to silt/sand gravel), silty clay, and weathered shale bedrock were also consistent with previous investigations. Weathered bedrock was encountered at around 6 feet-bgs at most boring locations. Soil borings are included as **Appendix B**.

Evidence of saturation (groundwater) was present in the soil borings at the former RCRA Unit at a depth of 6 feet-bgs. Static depth to water measurements collected from December 2019 to March 2021 from monitoring wells MW-05, MW-06, MW-07, and AMW-10, located adjacent to the former Unit, yielded measurements averaging 6.2 feet-bgs, confirming the apparent water table observed in the soil borings.

3.6.2.1 VOCs in Soil

Multiple chlorinated solvents, including 1,1,1 TCA, tetrachloroethene (PCE), trichloroethene (TCE), 1,1,2 TCA, 1,1-dichloroethane (1,1-DCA), 1,1-dichloroethene (1,1-DCE) and vinyl chloride were measured above laboratory reporting limits in the soil samples submitted from the Site. VOC concentrations in soil are summarized in **Table 2**. Unsaturated soil sample results are posted in **Figures 7 – 9**. Laboratory analytical reports are included in **Appendix C**.

VOCs were compared to the Closure Performance Standards (CPSs) discussed in **Section 4.4**. No samples exceeded the RSLs for direct contact with industrial soils (TR=1E-05, THQ=1). Several VOCs collected from depths greater than 6 feet-bgs exceeded the numeric, Groundwater Protection CPS; however, groundwater is typically found at approximately 6 feet-bgs and the Groundwater Protection CPS does not apply to saturated soils below the water table. ABB identified three areas within the former Unit where VOCs are present above Closure Standards. The location and extent of these proposed Remediation Areas are shown on **Figure 3**.

At Area 1, located in the southwestern portion of the former Unit, VOCs above the CPSs were observed at SB-12, SB-32, SB-34, SB-35, SB-36, and SB-49, but well below CPSs at SB-04, and SB-52 (see **Figure 7**). These data indicate that the swale has been affected along its base elevation/flow path.

Area 2 has soil concentrations above the CPSs at borings SB-13, and SB-23 (see **Figure 8**). The proposed remediation boundaries for Area 2 are based on these results. The results show a similar VOC distribution as Area 1 – soils along the base of the swale at SB-23 yielded concentrations above the CPSs.

At Area 3, soil concentrations exceed the CPSs at borings SB-17, SB-42, SB-43, SB-44, SB-45, SB-50, SB-51, and SB-54 (see **Figure 9**). The proposed remediation boundaries

for Area 3 are based on these results. Soil samples collected from borings advanced within the swale yielded VOC concentrations above the CPSs along the base of the swale. Soil samples collected from SB-54, advanced along the northwest bank, yielded VOC detections and CPS exceedances at depth. Given this single set of VOC data, it is possible that the VOCs observed at SB-54 may be related to a release to CB-1.

The TRC investigation activities delineated the horizontal and vertical extent of chemicals of concern in soil at the former RCRA Unit with one exception. The presence of the concrete rubble fill pile along the western boundary of the former RCRA Unit prohibited the installation of delineation borings within 50-feet of the Unit boundary.

The rubble pile was accumulated after ABB operations ceased at the Site and is not associated with ABB activities. Prior to initiating soil remediation activities, ABB will coordinate relocation of the fill pile with the property owner.

3.6.2.2 SVOCs in Soil

SVOC concentrations in soil are summarized in **Table 2**. Low-levels of SVOCs were detected in unsaturated soil samples from SB-19, SB-24 and SB-26. Concentrations are well below CPSs. Laboratory analytical reports are included in **Appendix C**.

3.6.2.3 PCBs in Soil

PCB concentrations in soil are summarized in **Table 4.** A low concentration of Aroclor-1254 was found in soil samples MW-12(0-2) and SB-29(0-2). A low concentration of Aroclor-1260 was found in a single soil sample [SB-23(0-2)]. Both concentrations are well below CPSs. No other PCBs were detected in soil samples collected from the Site. Laboratory analytical reports are included in **Appendix C**.

3.6.2.4 Metals and Inorganic Compounds in Soil

Previous soil sampling identified the presence of total chromium above the CPS; however, the analytical results measured total chromium and did not differentiate the portions of total chromium and hexavalent chromium. The CPS is based on concentrations of hexavalent chromium only, therefore additional soil samples were collected in the vicinity of the previous exceedances at SB-34 (within Area 1) to determine the concentrations of total chromium and hexavalent chromium.

Total chromium was measured in concentrations ranging from 12 to 2,600 milligrams per kilogram (mg/kg). Hexavalent chromium was not detected above laboratory limits, indicating that the chromium in soils at the former RCRA Unit are in the trivalent form and that hexavalent chromium does not exceed the CPS. Metals and inorganic compounds concentrations in soil are summarized in **Table 3**. Laboratory analytical reports are included in **Appendix C**.

3.6.2.5 Evaluation of Transport Activities

A review of historical documentation indicated past practices involved draining rainwater (without a sheen) that collected within the bermed RCRA Unit and emptying it into a nearby catch basin. Initially TRC was unable to locate the catch basin that was historically mapped adjacent to the northeastern edge of the former Unit; however, during the most recent field effort, the catch basin was identified and located approximately three feet from monitoring well MW-07. This newly located catch basin is labeled CB-01 on **Figure 3**. This catch basin may have served as a preferential pathway for VOCs from the former RCRA Unit to migrate vertically and be introduced at depth. Deeper impacts identified in adjacent borings SB-42, SB-43 and SB-03/MW-07 appear to be related to potential release from CB-1. Runoff entering the catch basin and inflow from pipes to the north, east, and west, discharge via a pipe leading to the southeast (**Figure 2**). According to historical drawings, this pipe appears to be connected to the storm sewer line located further to the southeast of the RCRA Unit.

3.6.2.6 SPLP Leaching Evaluation

Soil samples from SB-41, SB-42, SB-43, SB-44, SB-45, SB-47, SB-48, SB-51, SB-52, and SB-54 were analyzed for SPLP-VOCs to confirm that the Groundwater Protection CPSs provided to Ohio EPA in July 2020 are protective of groundwater, specifically target groundwater concentrations protective of the Vapor Intrusion (VI) pathway. SPLP is a United States Environmental Protection Agency (USEPA) test method that can be used with soil samples from a contaminated site to estimate the site-specific adsorption-desorption potential of a contaminant that may impact groundwater. The SPLP analysis serves to confirm that the CPS for Groundwater Protection are indeed protective of groundwater. If VOCs in soil at or below the Groundwater Protection standard yield SPLP-VOC results above the actual groundwater standard(s), then the standard is not protective. If the SPLP-VOCs results are below the actual groundwater standards, the CPS for Groundwater Protection is judged to be effective. The Supplemental Soil Sampling SPLP-VOCs samples that were analyzed were selected to be representative of soils with relatively high, moderate, and relatively low total VOC concentrations.

The SPLP data are compared to total VOC concentrations in **Table 7**.

- Soil samples from soil borings SB-42, SB-43, SB-44, SB-49, and SB-54 yielded total VOC concentrations above the CPS for Groundwater Protection; SPLP results from this location exceeded applicable groundwater standards.
- Soil samples from SB-45 and SB-51 yielded total VOC concentrations above the CPS for Groundwater Protection; SPLP results from this location did not exceed applicable groundwater standards.
- Soil samples from SB-41, SB-47, SB-48, SB-52 yielded total VOC concentrations below the CPS for Groundwater Protection; SPLP results from this location did not exceed applicable groundwater standards.

3.6.3 Conclusions

Based on the data collected, the supplemental soil sampling has successfully delineated

the extent of VOCs attributable to the former RCRA Unit.

Shallow impacts, identified in the 0-6 feet-bgs, unsaturated interval appear to be related to the former RCRA Unit. The point release associated with catch basin CB-1, located adjacent to the northeastern edge of the Unit appears to have impacted soils at and below a depth of 4-feet. As such, soils in the immediate vicinity of CB-1 will be excavated beyond 6-feet, to the top of shale.

4.0 REMEDIAL ACTIVITIES

Generally, two types of closure are allowed: closure by removal of waste and decontamination, referred to as "clean closure," and closure with the waste in place. It is ABB's intent to achieve clean closure of soil by removing waste and contaminants from soil at the former Unit and achieving standards that are consistent with the deed restriction recorded for the Property and draft Environmental Covenant (EC) provided as **Appendix A**. Following demonstration that clean closure of the former RCRA Unit has been achieved in soil, soil impacts outside the area of excavation shown in **Figure 10** and/or groundwater impacts, will be assessed and remedied under the Ohio VAP.

Based on a review and screening of available remedial approaches, ABB has selected excavation and disposal of wastes in the Unit to achieve clean closure of soil. The following sub-sections present the design and approach for achieving clean closure of soil.

4.1 Project Remedial Objectives

This section provides a description of the project remedial objectives. Closure by removal or "clean closure" must address all impacted media to demonstrate that the closure performance standard of OAC Rules 3745-55-11 and 3745-66-11 has been achieved. In accordance with OAC 3745-55-11 and OAC 3745-66-11 (Closure Performance Standard), the owner or operator must close the facility in a manner that:

1. Minimizes the need for further maintenance;
2. Controls, minimizes, or eliminates, to the extent necessary to protect human health and the environment, post-closure escape of hazardous waste, hazardous constituents, leachate, contaminated run-off, or hazardous waste decomposition products to the ground or surface waters or to the atmosphere; and
3. Complies with the applicable closure requirements of Chapters 3745-54 to 3745-57 and rules 3745-66-10 to 3745-66-15, including, but not limited to, the requirements of rules 3745-67-28, 3745-67-58, 3745-67-80, 3745-69-04, and 3745-279 of the Administrative Code.

The primary objective of closure activities is to completely remove waste materials from the former RCRA Unit such that a clean closure of soil to industrial/commercial cleanup standards consistent with the existing deed restrictions related to industrial/commercial use of the Property is achieved. Impacted soil outside the area to be excavated as shown in **Figure 10** and/or groundwater impacts will be addressed under the Ohio VAP. Specific Closure Performance Standards and the associated Point of Compliance (POC) are discussed below.

4.2 Potentially Impacted Media

The potentially impacted media requiring remediation to achieve RCRA Closure is unsaturated soil. Concrete overlying and in contact with affected soil may also be impacted.

4.2.1 Chemicals of Concern

The COCs include analytes detected in soil are presented on **Table 2** (VOCs and SVOCs), **Table 3** (metals and inorganic parameters) and **Table 4** (PCBs). The leachability of these

COCs is considered in **Tables 6 and 7**. Closure performance standards were developed for the COCs that were detected above laboratory reporting limits at the former Unit and are presented in **Table 8**.

4.3 Land Disposal Restrictions (LDR)

Based on the data collected from investigation activities at the former Unit, the following COCs exceed alternative LDR treatment standards:

- Toluene at WCA02-02 (Area 2a);
- PCE and 1,1,1-TCA at SB-42 (Area 3a);
- 1,1-DCA, PCE, and toluene at SB-43 (Area 3a); and
- 1,1,1-TCA at SB-54 (Area 3a).

Soils that exceed alternative LDR treatment standards will be pre-treated at the hazardous waste landfill prior to land disposal. ABB will provide the LDR notification requirements for disposed soils that meet or exceed alternative LDR treatment standards in accordance with OAC rule 3745-270-07.

The extent of soil with COCs exceeding alternative LDR treatment standards is based on the concentrations measured at those locations, COC concentrations measured at neighboring soil sample locations, and the physical features and morphology of the former Unit. As shown in **Figure 10**, the former RCRA Unit is an approximately 200-feet long by 30-feet wide portion of a concrete driveway northwest of the manufacturing facility. The rear parking lot slopes towards the former Unit. The concrete pad slopes to the northwest, facilitating drainage of the former Unit (and facility parking lot) to a shallow drainage swale located immediately northwest of the concrete pad. The swale is a linear, ephemeral feature, sloped slightly from southwest to northeast. It is designed to facilitate stormwater drainage at the site to the northeast. The swale is well vegetated and dry, except during precipitation events and snow melt. As shown in **Figure 11**, the area northwest of the swale (i.e., the “north bank”) slopes upward into a steep hillside.

The morphology of the former Unit is such that a release from the Unit would flow northwest into the swale. Once in the swale, the release would be limited to moving to the northeast within the swale. The increases in elevation to the northwest (beyond the swale), and to the southwest, and southeast would prevent or limit flow in those directions. This morphological barrier to COC transport was used in making judgements on the extent of concentrations that exceed alternative LDR treatment standards.

4.4 Closure Performance Standards

Closure Performance Standards for clean closure will be met when the remediation of waste materials and waste-affected media resulting from the Unit is completed and concentrations in soil meet the following criteria:

- Protection of Groundwater with respect to the Vapor Intrusion Pathway; and
- Risk-Based Direct Contact Standards for soils for commercial/industrial end-use.

Site-specific Closure Performance Standards consider site-specific conditions (e.g., geological soil conditions inhibiting leaching to groundwater) to develop realistic standards that are protective of human health and the environment. Determination of site-specific Closure Performance Standards is discussed below.

4.4.1 Protection of Groundwater

Potable or non-potable uses of groundwater on the Site are prohibited in accordance with the restrictions that are recorded with the Property deed and the Site is supplied with municipal water. Consequently, exposure to potable groundwater use is not a complete pathway; however, receptors may be exposed to VOCs from groundwater via vapor intrusion to indoor air. Therefore, inhalation of contaminants via vapor intrusion from groundwater to indoor air is a potentially complete pathway. Ensuring impacted unsaturated soil would not contribute to exceedances of the groundwater via vapor intrusion to indoor air was considered in development for the Closure Performance Standards. Ensuring existing contaminants in saturated soil and/or groundwater do not exceed vapor intrusion to indoor air standards will be addressed under the VAP.

Soil impacts leaching to groundwater thereby contributing to indoor air concentrations and subsequent risks that might result from migration of vapors from groundwater into an overlying building was evaluated utilizing the VISL calculator[1] assuming commercial/industrial end use. The soil Closure Performance Standards protective of groundwater (Ct) were determined based on the target concentrations for groundwater based on a potential vapor intrusion pathway. These values were determined utilizing the partitioning equation (Equation 24) contained in the U.S. EPA Soil Screening Guidance (U.S.EPA 1996a) as shown below.

$$Ct = C_w \left[(K_{oc} * F_{oc}) + \frac{\theta_w + \theta_a H'}{\rho_b} \right]$$

where:

Ct = target screening level in soil mg/kg)

Cw = risk-based groundwater concentration (mg/L) per VISL calculator

Koc = soil organic carbon-water partition coefficient (L/kg)

Foc = organic carbon content of soil (kg/kg)

θw = water-filled soil porosity (Lwater/Lsoil)

θa = air-filled soil porosity (Lair/Lsoil)

H' = dimensionless Henry's law constant

ρb = dry soil bulk density (kg/L)

[1] Vapor Intrusion Screening Level (VISL) Calculator, Generated March 2020. https://www.epa.gov/vaporintrusion/vapor-intrusion-screening-level-calculator

A dilution/attenuation factor (DAF) of 20 may be applied if the site meets acceptable criteria of size as defined by U.S. EPA's Soil Screening Guidance (U.S.EPA 1996a). This guidance stipulates a 20 DAF for source sizes less than 0.5 acres and a DAF of 1 for larger areas. Due to the limited size of the source area (less than 0.5 acres) a DAF of 20 is appropriate. Closure Performance Standards for soil protective of groundwater (based on VI risk) are presented on **Table 8**.

4.4.2 Risk-Based Direct Contact Standards

Risk-based Direct Contact Standards for soil are presented in **Table 8**. The Direct Contact Standards are based on direct contact with soil assuming an Excess Lifetime Cancer Risk (ELCR) = 1E-05 and Hazard Quotient (HQ) = 1. Although individually concentrations may meet direct contact standards, it is possible for each soil concentration to be below the individual standard yet cumulatively exceed applicable standards (i.e., ELCR of 1E-05 and/or Hazard Index (HI) of 1) due to the presence of multiple chemicals. However, a substantial amount of data has been collected and most of the existing exceedances are driven by only a few COCs (e.g., PCE, TCE, vinyl chloride) and at select locations, with most concentrations well below the CPS (see **Table 2**). Consequently, it is unlikely that multiple potential COCs will simultaneously be present at or near its applicable CPS.

Since exact post-remedy concentrations are difficult to predict, TRC will evaluate the post-remedy confirmation sample data as data are received to ensure cumulative risk from multiple COCs does not exceed applicable standards.[2]

4.4.3 Closure Performance Standards Summary

Protection of Groundwater Standards and Risk-Based Direct Contact Standards are presented on **Table 8.** The Closure Performance Standards for soil are the lower of these two standards.

Saturated soil and groundwater will be addressed under the Ohio VAP.

4.4.4 Point of Compliance

The point of exposure to waste constituents is assumed to be directly at or within the Unit boundary for all exposure pathways. Due to co-mingled contaminants from sources adjacent and outside the Unit, the horizontal limits and POC are the Unit boundaries and/or proposed remediation areas. Residual COCs, if any, in soils extending beyond the Unit boundary will be addressed using the Ohio VAP. The vertical POC extends to approximately 6 feet-bgs. COCs have been measured from depths greater than 6 feet-bgs at concentrations that exceed CPSs; however, groundwater is present at the former Unit at approximately 6 feet-bgs and the neither the Direct Contact nor the Groundwater Protection CPSs apply to saturated soils below the water table (i.e., 6 feet-bgs). As described above, groundwater impacts will be addressed separately under the Ohio

[2] Standards for lead account for additional factors and assumptions than the carcinogenic and noncarcinogenic risks and, therefore, are evaluated separately.

VAP.

4.4.5 General Approach

Planned remedial activities and affected media at the Property are summarized in **Table 9**. The general approach for remediation of the Units is as follows:

- Prepare the site by removing the fill pile along the western boundary of the former Unit, temporarily re-locating the commercial snow removal equipment and supplies to a location outside the RCRA Work Area, abandoning monitoring wells located within the proposed Remediation Areas, and installing storm water controls.
- Decontaminate the upper surface of the concrete pad within the former Unit/proposed Remediation Areas thorough scarification of one centimeter of the existing surface; dust will be collected for characterization and proper disposal.
- Remove the scarified concrete from the proposed Remediation Areas; broom clean the bottom surface and dispose at an off-site approved disposal facility; and
- Excavate impacted soils within with Units and dispose at an off-site approved disposal facility; and
- Restore the former Unit to grade and replace concrete removed from excavation areas.

4.5 Work Area

Prior to implementing closure activities, ABB will establish Work Areas (**Figure 10**) surrounding the Unit in order to coordinate the movement of materials and equipment from the former Unit, and to minimize access to these areas by unauthorized personnel. Material removed from the former Unit, including excavated concrete, will be staged within the Unit boundaries shown on **Figure 10** pending waste classification and subsequent disposal. Additionally, an Area of Concern (AOC) surrounding the Unit will be defined for the purpose of equipment and vehicle positioning, waste loading for transport, and decontamination procedures. The AOC does not imply that the area has been contaminated but provides specific limits for activities related to the Unit remediation to be contained. Upon completion of waste removal, the AOC will be inspected to ensure no residual waste remains. The AOC limits for the Unit are shown on **Figure 10**. Details for the decontamination area and work area exit are provided in **Section 5.4** below.

4.6 Unit Boundaries

Affected soils (i.e., soils up to a depth of 6 feet below ground surface exhibiting COC concentrations above applicable CPSs) adjacent to and/or in contact with Unit will be excavated and disposed at an off-site approved disposal facility. Based on assessment activities, the former Unit boundary and/or proposed Remediation Areas are the limits of soil contamination that can be attributed to the waste managed as part of the Unit undergoing closure. The horizontal limits of the Unit are presented in **Figure 10**. The vertical limits of the excavation extend to 6 feet bgs based on findings from the soil investigations discussed above, except for in the immediate vicinity of catch basin CB-1 where the excavation will extend to 10 feet-bgs or

the top of bedrock, if necessary. The estimated extents (e.g., volume, soil mass) of the proposed excavations areas are summarized in **Table 9**. The horizontal extent of the former Unit that requires remediation will be adjusted based on soil confirmation results provided that the exceedance of the CPS is attributed to the former Unit.

There are identified Areas of Concern outside of the RCRA Unit on the Site that are contributing to a co-mingled plume. Soil and groundwater impacts associated with these Areas of Concern will be addressed separately under the Ohio VAP. For the RCRA Unit, additional excavation step outs will be performed as needed, unless it appears that the residual contamination is the result of non-RCRA sources. One example is if as the excavation extends away from the former Unit there are increasing concentrations, such concentrations may be related to a non-RCRA release. If contamination appears to be related to impacted groundwater migrating from another source, the excavation will not be extended.

Further discussion of an over-excavation contingency plan is provided in **Section 5.7**.

4.7 Removal and Disposal Process

Soils within the former RCRA Unit that exhibit COC concentrations above Closure Performance Standards will be excavated and disposed as hazardous waste at a permitted landfill.

4.7.1 Waste Characterization and Disposal Standards

Waste and potentially contaminated soil resulting from remedial activities, including waste generated from decontamination procedures, will be staged and ultimately removed from the Site in a manner that is consistent with applicable rules.

Soils from the former Unit will be managed and disposed as follows:

- Soils within Areas 1, Area 2, and Area 3 will be disposed as listed hazardous waste at a permitted hazardous waste landfill.
- Soils associated with WCA02-02 (toluene) in Area 2, SB-42 (PCE, 1,1,1-TCA), SB-43 (PCE, 1,1,1-TCA), and SB-54 (1,1,1-TCA) in Area 3 exceed alternative LDR treatment standards. These soils will be treated at a permitted hazardous waste landfill to reduce VOC concentrations prior to land disposal.

The location and extent of soils to be excavated and disposed are shown on **Figure 10** and summarized in **Table 9**. Soils associated with WCA02-02, SB-42, SB-43, and SB-54 are shown as Area 2a and Area 3a, respectively.

4.7.2 Permits

ABB will evaluate the applicability of an Ohio EPA Air Permit to Install/Operate for the soil excavation and disposal activities described in this workplan. As necessary, the appropriate notifications and requirements will be met.

The extent of the excavations is less than one acre; therefore, the requirement for stormwater coverage under the Ohio EPA General Permit for Construction Activities is not required.

ABB will evaluate the need to complete municipal (e.g., City of Wickliffe) construction permits and traffic plans. As necessary, the appropriate notifications and requirements will be met.

4.7.3 Site Preparation

Prior to beginning removal activities, ABB will implement site preparation and Work Area security measures.

- Relocate the fill pile along the western boundary of the former Unit.
- Temporarily re-location of the commercial snow removal equipment and supplies to a location outside the RCRA Work Area.
- Decommissioning (i.e., abandonment) of monitoring wells located within the proposed Remediation Areas.
- Placing straw bale barriers and/or or silt fencing to retain the soil in the work areas until activities disturbing the land are sufficiently completed to allow revegetation and soil stabilization to occur. Barriers will be placed parallel to the former Unit/drainage swale and along the perimeter of the Work Areas as needed to keep sediment or runoff off paved surfaces and within the Work Area.
- Verifying the location of storm drains in the vicinity of the excavation. If the storm water runoff from the excavation area may enter the storm drain and there is the potential for precipitation, then steps will be taken to ensure a plan is in place to prevent run-off from the excavation from entering the drain.
- Minimize the potential for accumulation of storm water in the excavation pit to allow for proper backfilling. If precipitation is anticipated during excavation, a berm may be constructed using the clean soil around the estimated extent of excavation. The berm will be surrounded by a silt fence at the perimeter to prevent silting of the surrounding area in case of a storm event.
- Install and implement Work Area and decontamination controls as described in **Section 5.4** of this Closure Plan.

4.7.4 Concrete Removal and Decontamination

All concrete pavement covering the 200-foot long by 30-foot-wide concrete-paved Unit will require decontamination by scarification to a depth of 1 cm using a rotatory abrasive unit. The scarified concrete will not be removed and disposed, except in the Remediation Areas.

Prior to concrete removal activities, a decontamination pad will be constructed within the Work Area. The decontamination pad will be constructed with a minimum of six inches of coarse aggregate placed over a woven geotextile made of 100% polypropylene slit film yarns. The borders of the decontamination area will be lined with a silt fence to manage drainage and contain the materials within the decontamination area. The water generated during vehicle decontamination will be collected and will be contained in on onsite frac tank and stored on-site pending waste characterization analysis for disposal as a listed hazardous waste. Hay bales and/or silt fencing will be installed around the area of concrete to be scarified to prevent rinsate, scarification debris, and other

materials from leaving the work area.

Concrete overlying the former Unit will be decontaminated via scarification to a depth of 1 cm using a rotatory abrasive unit. The concrete surface will be continuously wetted during scarification to reduce dust generation. The depth of scarification will be confirmed by measuring the depth of removal with a tape measure or ruler. Dust and debris generated by scarification will be collected and staged in 55-gallon steel DOT drums pending waste characterization and subsequent disposal as a listed hazardous waste at an approved RCRA Subtitle C disposal facility.

An excavator will be utilized to remove the concrete overlying the planned excavation areas. The concrete will be placed in the decontamination pad and broom cleaned. Debris and/or fluids from the decontamination process will be collected within the decontamination pad and staged in 55-gallon drums for waste characterization and subsequent disposal as a listed hazardous waste. The decontaminated concrete will then be staged within the Work Area and tested to confirm that it is characteristically non-hazardous. Once the concrete is confirmed to be non-hazardous, a one-time notification that the concrete debris is excluded from the definition of "hazardous waste" under paragraph (F) of rule 3745-51-03 of the Administrative Code will be submitted to Ohio EPA in accordance with 3745-270-07(D). The notification will include:

- The name and address of the licensed solid waste landfill receiving the treated debris.
- A description of the hazardous debris as initially generated, including the applicable EPA hazardous waste numbers.
- A statement that the concrete was treated by simple physical or mechanical means, specifically, via scarification of the surface and removal of soil from the base, and the residue from this treatment will be disposed as listed hazardous waste.

The notification will be updated if the debris is shipped to a different facility, and/or a different type of debris is treated or if a different technology is used to treat the debris.

Once the decontaminated concrete is confirmed to be nonhazardous, it will be transported and disposed at an approved RCRA Subtitle C disposal facility as a nonhazardous solid waste in accordance with 3745-270-45(C).

ABB will certify compliance with the treatment standards from the table in rule 3745-270-07(D) of the Administrative Code as follows:

- Records of all inspections, evaluations, and analyses of treated debris that are made to determine compliance with the treatment standards will be kept and included with the Closure Report.
- Records shall be kept of any data or information ABB obtains during treatment of the debris that identifies key operating parameters of the treatment unit will be kept and included with the Closure Report.

- For each shipment of treated debris, a certification of compliance with the treatment standards will be signed by an authorized representative and placed in the treatment facility's files. The certification will state:

"I certify under penalty of law that the debris has been treated in accordance with the requirements of rule 3745-270-45 of the Administrative Code. I am aware that there are significant penalties for making a false certification, including the possibility of fine and imprisonment.".

4.7.5 Soil Excavation and Loading

The soils will be excavated using an excavator operated by a qualified operator and live loaded into dump trucks for transportation to the offsite landfill. The extent of the proposed excavations is shown in **Figure 10** (identified as Proposed Remediation Areas); estimated excavation extents are summarized in **Table 9**.

Soils that exceed alternative LDR treatment standards from Area 2a and Area 3a will be excavated first. These soils will be excavated, live-loaded to trucks, transported to the landfill, and pre-treated to reduce VOC concentrations prior to landfilling. Once excavated, the sidewalls of Area 2a and 3a will be sampled as described in **Section 4.8.1** to confirm that remaining soils meet alternative LDR treatment standards. LDR confirmation samples will be submitted to the contract laboratory for VOC analysis (5035/8260) for 24-hour turnaround time and the results provided electronically to Ohio EPA. When sidewall soil concentrations are confirmed as below alternative LDR treatment standards, then the remaining soils in Area 2 and Area 3 will be excavated, live loaded to trucks, and transported at the landfill for disposal.

Trucks will be positioned adjacent to the excavations and within the Work Area for loading and will exit through the decontamination area prior to leaving the site. A Construction Representative (CR) for ABB will be on-site continuously to direct and monitor excavation and observe the nature of the material being excavated. Excavation activities will not occur during, or just after, inclement weather (*e.g.*, rain, snow). Controls will be in place to limit access to the excavation, prevent surface water from entering the excavation area, and provide sufficient volume of backfill on-site prior to initiating the excavations. Water from decontamination activities and precipitation that accumulates in the excavations will be pumped to and staged in a portable frac tank pending characterization.

The CR on site will be responsible for stability of the excavation and surrounding structures and will determine the need to slope or bench the excavations based on the soil conditions present, including after mixing and stabilization. If the nature of the materials encountered changes significantly from the anticipated condition observed during previous investigations, then such materials will be segregated and isolated/covered until additional characterization can be performed to ensure that the material is being handled appropriately.

Material removed from the Site will be manifested with ABB identified as the generator of

the waste. Manifests for each truckload leaving the site will be provided in the Closure Certification report. Each driver will be required to have the manifest signed at the disposal facility to document both the disposal of the load and the quantity of material disposed. The completed manifest will be returned to the CR by noon of the following workday.

The transportation contractor will be required to keep the wheels and exterior portions of the trucks free of excessive dirt and debris while on public roadways. Each loaded truck will be covered to reduce the potential of material blowing onto the roadways. If excessive dirt and/or debris are deposited on the roadways as a direct result of the Contractor's operations, the Contractor will be responsible for cleaning the affected areas of the streets in a timely manner.

Confirmation soil samples will be collected from each remediation area as described below in **Section 4.8**. Backfilling and restoration will not be completed until all impacted materials have been removed and it is confirmed that remedial objectives have been achieved.

4.8 Confirmatory Sampling

Closure Confirmation soil samples will be collected to confirm that waste-affected soils have been removed and the soils in the former Unit meet applicable CPSs.

4.8.1 Confirmation of LDR Standards

LDR confirmation soil samples will be collected to demonstrate soils remaining on the sidewalls of Areas 2a and 3a meet alternative LDR treatment standards and can be direct landfilled. Sidewall samples will be collected as follows:

- Area 2a: one soil sample from each sidewall (i.e., four total samples)
- Area 3a: two soil samples from each sidewall (i.e., eight total samples)

LDR confirmation samples will be biased toward apparent/potential contamination based on visual, olfactory, and PID screening. Barring the presence of apparent/potential contamination, the confirmation sample will be biased toward the location and depth of initial contamination. LDR confirmation samples will be submitted to the contract laboratory for VOC analysis (5035/8260) for 24-hour turnaround time.

Sample results will be provided electronically to Ohio EPA with a comparison to alternative LDR treatment standards. If soil concentrations are below the applicable LDR standards, then the remaining soils in Area 2 and Area 3 will be excavated and direct landfilled. If sidewall soil concentrations exceed alternative LDR treatment standards, then an additional two feet will be removed from the sidewall and the new sidewall re-sampled for LDR confirmation. Soils determined to exceed alternative LDR treatment standards will be pre-treated at the landfill prior to landfilling.

In Area 2a, soils below the 6 foot-bgs excavation depths are below the water table; no

excavation floor samples will be collected. Residual COCs below the 6 feet-bgs POC will be assessed and remediated under the Ohio VAP.

In Area 3a only, where deeper soil impacts may be attributed to releases to catch basin, CB-01 at the edge of the RCRA unit, excavation may extend to a depth of 10 feet-bgs or top of bedrock. In this case, the sidewall LDR confirmation samples may be collected below 6 feet-bgs if appropriate to bias toward apparent/potential contamination based on visual, olfactory, and PID screening.

4.8.2 Confirmation of Closure Performance Standards

Wastes, waste constituents or associated residues within the operations of the Unit boundaries must be removed, so no maintenance is or will be required, and human and environmental health is protected. To complete clean closure in which further regulatory controls are not required, excavation confirmation samples will be compared to the Closure Performance Standards presented in **Table 8**.

Closure Confirmation soil samples will be collected to demonstrate that waste-affected soils have been removed and the soils in the former Unit meet applicable CPSs when the planned excavation extents are reached. Sidewall samples will be collected. One sidewall sample will be collected for every 10-foot length of sidewall (i.e., a sidewall with a length of 15 feet would require two Closure Performance samples). Confirmatory soil samples will be biased toward apparent/potential contamination based on visual, olfactory, and PID screening. Barring the presence of apparent/potential contamination, the confirmation sample will be biased toward the location and depth of initial contamination. An unexpected change in lithology (e.g., the presence of a sand seam) or any discovery of unknown subsurface features/structures may require additional sampling to confirm closure standards have been met.

QC samples (i.e., one blind duplicate sample for every 10 primary samples) will be collected and submitted to the laboratory

Confirmation sample results will be compared to the Closure Performance Standards. Backfilling and restoration will not be completed until all impacted materials have been removed and it is confirmed that remedial objectives have been achieved.

Soils below the 6 foot-bgs excavation depths are below the water table; no excavation floor samples will be collected. Residual COCs below the 6 feet-bgs POC will be assessed and remediated under the Ohio VAP.

4.8.3 Management Methods for Potentially Contaminated Soil

Field equipment must be decontaminated before and in-between sampling locations consistent with the USEPA guidance document LSASDPROC-205, *Field Equipment Cleaning and Decontamination* (June 2020).

4.8.4 Sampling and Analytical Information

Confirmation samples will be grab samples collected using disposable nitrile gloves. Appropriate measures will be taken to ensure the proper collection and handling of samples. Soil samples will be placed in appropriate laboratory-provided containers, immediately placed on ice, and submitted to the project laboratory for the analysis of total VOCs (Method 5035/8260) and RCRA 8 metals plus hexavalent chromium (Method 3060A/7160). Analytical methods are specified in **Table 8**.

4.8.5 Data Evaluation

Data will be reviewed to ensure data quality objectives are met and data are usable for its intended end-use. Laboratory analytical reports will include sufficient QA/QC information to support a Tier I data validation.

4.9 Backfilling and Restoration

Once achievement of Closure Standards for a given area has been confirmed, that area will be backfilled per the following site-specific backfilling plan.

Backfill materials will be obtained from an offsite, commercial source of clean fill (i.e., local commercial quarry or aggregate provider). Backfill stockpiles will be located more than 10 feet from the edge of the excavations and equipment will not be stored adjacent to the excavation.

Each excavation will first be backfilled with one foot (i.e., from 6 to 5 feet-bgs) of sand and gravel material (i.e., clean bank run fill), placed into the excavation and tamped with the excavator bucket. The sand and gravel fill will promote drainage of the completed excavation backfill and mitigate a “bathtub effect”.

After the sand and gravel base is in place, the excavation will be backfilled with ODOT 304 limestone to within one foot of ground surface (i.e., from 5.0 to 1.0 feet-bgs).

The excavations will be capped with concrete brought level with surrounding surface. A 4-inch gravel base will first be placed on the backfilled areas. Rebar dowels will be installed within the existing concrete slab. Welded wire fabric (WWF) will be installed within the bottom 2-inches of the restored concrete areas. Concrete restoration will entail a 9-500-psi exterior slab concrete mix. The concrete will be completed with a smooth finish. Control joints will be cut into the concrete per industry standards.

ABB will document backfill activities, including the volume, borrow source, classification/visual description of backfill materials, truck ticket number, compaction method, lift thickness, and results of the proof roll.

4.10 Documentation of Field Activities

Data collection activities performed during the field efforts will be recorded by the CR in field books or on Daily Field Report Logs. Entries will be of adequate detail so that others will be able to comprehend a particular situation and it will be possible to reconstruct each activity without reliance on memory. Entries into the field book or Daily Field Report Log may contain a

variety of information. The terminology used in recording all field data should be objective, factual, and free of personal interpretation that may prove inappropriate. At the beginning of each daily entry, the date, start time, weather, and names of all field team members present will be entered. The start and end of each day's entries in the field book or Daily Field Report Log will be signed or initialed and dated by the person(s) making the entry.

In general, it is expected that field notes will be collected every 15 minutes, as appropriate. Information included in the field book or Daily Field Report Log may include, but need not be limited to, the following:

- Chronology of activities, including entry and exit times
- Names of all people involved in field activities and organizational affiliations
- Level of personal protection used (if different from site-specific protocol/plan)
- Any changes made to site-specific protocol/plan
- Names of visitors to the site during field work and reason for their visit (unless in Daily Personnel Log)
- Sample location and identification
- Weather conditions, including temperature and any precipitation
- Day's objectives/scope of work
- Vehicle used (personal, rental) with travel time to site and mileage
- Measurement equipment identification (model/manufacturer) and calibration information
- Summary of equipment brought by subcontractor
- Communications while on site impacting site-specific protocol/plan
- Field screening results
- Site observations
- Sample collection methods and equipment
- Sample collection date (month/day/year) and time (military)
- Sample depths
- Whether grab or composite sample collected
- Sample description (color, odor, texture, etc.)
- Tests or analyses to be performed
- Sample preservation and storage conditions
- Equipment decontamination procedures
- QC sample collection
- Sample shipping methods, including tracking numbers, if applicable
- Unusual events or observations
- Volume and type of investigation derived waste generated

- Sketches or diagrams
- Volume of excavated material as determined by survey
- Verification of fill and clay compaction requirements
- Pre- and post-clay placement surveys
- Signature or initials of person recording the information

5.0 REMEDIATION CONTROLS AND CONTINGENCY PLAN

This Section discusses the remediation controls that will be implemented during closure activities and describes the contingencies that will be enacted in remedial goals are not met using the methods presented in **Section 4**.

5.1 Wastewater and Air Emissions

All hazardous waste will be characterized and managed in accordance with OAC rule 3745-52-10 and shipped to an authorized hazardous waste management facility. Wastes that have contacted listed hazardous waste or soils will be characterized at a minimum, as listed hazardous waste. All non-hazardous solid waste will be disposed at a licensed solid waste landfill. All other wastes will be managed in compliance with Ohio's water pollution control laws found in ORC Chapter 6111, as well as any local ordinances or rules.

5.1.1 Wastewater

Precipitation may accumulate in excavations and require removal. A substantial volume of groundwater is not expected to accumulate in excavations.

Should precipitation accumulate in the excavations, it will be pumped to a portable frac tank. The excavation waters will be sampled and submitted for laboratory analysis and waste characterization. Wastewater or precipitation that has contacted listed hazardous waste or soils will be characterized and managed as listed hazardous waste. The characterized water will be transported and disposed a WWTP, or other permitted facility.

5.1.2 Dust and Debris

Site construction activities may create issues with dust. Most dust would be expected to result from truck traffic traversing a dry/fine particulate surface material across the site and not from airborne contents from the truck trailers, as truck trailers exiting the site will be covered. In the event that wind-blown dust becomes a problem during operations, water or dust suppressants will be applied to on-Property traffic areas.

During wet conditions, measures will be taken to prevent impacted soil, fluids, or waste materials from being transported beyond the Work Area. A decontamination station will be constructed within the Work Area to scrape and/or wash truck tires or other equipment before it leaves the Work Area.

5.1.3 Odor

Odor will be monitored in accordance with the established site health and safety plan. Odor is anticipated to be a problem only if (1) an excessive quantity of impacted soil is encountered and exposed at one time, (2) air temperatures become high, or (3) strong wind direction is consistently toward residences. In the event that odors become noticeable, the size or locations of active excavation areas will be decreased, and/or other measures taken to minimize nuisance odors.

5.1.4 Storm Event and Excavation Flooding

In the event that excessive storm events are encountered, temporary soil berms will be constructed around any open excavation to prevent collection and spill-over of runoff into the exposed excavation. If storm water accumulates within the excavation and does not subside within a reasonable time, response measures such as dewatering into tanker trucks.

5.2 Health and Safety

Soil handling, remediation, and excavation will be conducted by qualified, HAZWOPER trained personnel. The selected contractor will prepare a Site-specific Health and Safety Plan (HASP) that will address the identification of hazards, hazard mitigation, safe work practices and emergency response procedures related to remediation/ excavation activities for the project. The site-specific HASP will be prepared to comply with 29 CFR 1910.120 and State of Ohio requirements. To prevent exposure to contaminated materials, site personal will use direct read monitoring equipment (*e.g.*, PID) and previous analytical data to identify potentially unsafe exposure levels. Regular site safety inspections will be performed and documented to ensure safety precautions are followed and regulatory requirements are met.

Prior to excavation activities, ABB will contact the Ohio Utilities Protection Service (OUPS) to identify and clear subsurface utilities within the excavation area. In addition, a private utility locator will be engaged to locate any private buried utilities near the proposed excavation areas.

Should any drains, sewers, or other piping infrastructure be encountered in the excavation, the discharge of fluids to/from the excavation will be blocked by temporarily plugging the exposed line. Following proper identification, sequential excavation of the line will then be accomplished. If the line is not active, the segment will be permanently plugged. If the line is active, it will be redirected and reconnected into the Site's infrastructure, as appropriate.

5.3 Site Security

Site security will be maintained during remediation work. Access to the site will be restricted to authorized persons and vehicles by utilizing the existing facility fencing to the maximum extent possible. Additional temporary fencing will be installed if it is deemed necessary to restrict access to specific construction areas.

A security log will be maintained during remedial construction activities. The log will include the date, name, company, and time in and time out of visitors entering the designated construction zones.

5.4 Decontamination Procedures

Waste handling, including truck loading, will occur within the RCRA Work Area. Trucks will be positioned adjacent to the Remediation Area and within the Work Area for loading. Upon completion of waste removal, the Work Area will be inspected to ensure no residual waste remains. Prior to leaving each work area, waste transport and excavation vehicles will exit through a decontamination area (**Figure 10**) where they will be inspected and cleaned as

necessary to remove any waste or soil from tracks, tires, and/or from the exterior of the truck load beds to avoid moving waste outside the designated work area and to minimize the tracking of soils onto facility parking areas and public roadways. Additionally, the excavator and other large reusable equipment that has been in contact with contaminated media will be positioned on the decontamination pad and washed using a pressure sprayer before it leaves the Site.

The decontamination area will be constructed with a minimum of six inches of coarse aggregate placed over a woven geotextile made of 100% polypropylene slit film yarns. The borders of the decontamination area will be lined with a silt fence to manage drainage and contain the materials within the decontamination area. The angle of applying water pressure will be managed to minimize splashing of contaminated material outside the decontamination area. A brush or scraper may be used to help remove soil. The water generated during vehicle decontamination will be collected and will be contained in on onsite frac tank and stored on-site pending waste characterization analysis for proper disposal.

Prior to each use, all reusable sampling equipment (hand augers, trowels, etc.) will be decontaminated with non-phosphate detergent, potable water, distilled vinegar, and distilled water rinses to reduce the potential for cross-contamination. The water generated during vehicle decontamination will be collected and will be contained in an onsite frac tank and stored on-site pending waste characterization analysis for proper disposal.

All disposable equipment and personal protection equipment used by workers during the decontamination process (e.g., Tyvek suits, gloves, shoe covers, mask cartridges, etc.) will be collected in 55-gallon drums and disposed in the same manner as the material with which they were in contact.

In addition, any drag-out going up to and including the decontamination areas, including run-off and/or residue, as a result of the decontamination process must be removed following waste removal and restoration. Such material includes underlying soil if staining or similar impact is observed and will be evaluated and treated as a waste for removal. Documentation of removal will be included in the Closure Certification Report.

Wastes generated from decontamination activities, including the constructed decontamination area, which have contacted listed hazardous waste or soils will be characterized for disposal as listed hazardous waste.

5.5 Managing Waste

The analytical results from earlier waste characterization sampling will be used to complete and support landfill disposal applications. Soil excavation will not occur until a disposal acceptance has been secured from an appropriately permitted facility. The waste material and impacted soil will then be excavated and transported to the disposal facility. Volumes of waste removed will be accurately recorded. Certification as to the treatment and disposal will be included in the closure certification documents.

5.5.1 Waste Characterization

Waste profile forms required by the disposal facility will be completed and signed by ABB. ABB, or its authorized agent, will sign as the generator on hazardous waste manifests; manifests will be retained for recordkeeping.

5.5.2 Transportation and Disposal

Excavated soils will be loaded into licensed trucks as described in **Section 4.7.5** and in accordance with applicable federal, state, and local rules and regulations in effect for the transportation of the excavated material.

5.6 Engineering/Institutional Controls

It is ABB's intent to remove designated waste and contaminants at closure, including all contaminated media, from the former RCRA Unit. The former Unit will, therefore, undergo a "clean closure" and Post-closure care is not required. Cleanup of media will be performed achieve the industrial Closure Performance Standards summarized in **Section 4.4.3**. This includes removal of any structures (e.g., concrete slab) and equipment utilized during the remediation procedures. Consequently, engineering controls are not anticipated to ensure continued protection of human health and the environment.

5.7 Contingency Plan

This section presents the contingent activities ABB will perform should the proposed remedies not meet Performance Closure Standards.

The over-excavation will be based on Closure Performance sampling results, visual, olfactory, PID measurements and judgment of the CR for ABB. At locations where excavation sidewalls do not meet CPS based on confirmatory sampling, a 10-foot length of the sidewall centered on the sample location that exceeded will be further excavated another five horizontal feet to a depth of six feet-bgs. When the excavation is complete, a soil confirmation sidewall sample will be collected for every 10 feet of sidewall. For example, if a 10-foot section of Area 1 is stepped-out to the west, a sidewall sample will be collected from the new west sidewall of the step-out. The sample will be submitted to the laboratory for the COC that exceeded the initial sidewall sample.

There are identified Areas of Concern outside of the RCRA Unit on the Site that are contributing to a co-mingled plume. Soil and groundwater impacts associated with these Areas of Concern will be addressed separately under the Ohio VAP. For the RCRA Unit, additional excavation step outs will be performed as needed, unless it appears that the residual contamination is the result of non-RCRA sources. One example is if as the excavation extends away from the former Unit there are increasing concentrations, such concentrations may be related to a non-RCRA release. If contamination appears to be related to impacted groundwater migrating from another source, the excavation will not be extended.

6.0 SCHEDULE FOR CLOSURE

The generalized schedule for implementing the proposed Remedial Activities showing the order of work and the predicted length of time each work task is included as **Appendix D**. Construction delays may be anticipated if the work is performed during winter weather conditions. Key or critical activities associated with the closure plan schedule may consist of, yet not be limited to the following:

- Waste evaluation;
- Initial day in which field activities for implementation of Closure Plan activities;
- Excavation and remediation activities;
- Concrete decontamination activities;
- Associated waste management activities;
- Confirmation sampling of environmental media;
- Progress Reports; and
- Closure Certification Report.

ABB will notify the Ohio EPA at least two weeks prior to conducting any major site construction or sampling activities. Although the system is designed for flexibility in achieving the closure standards, future amendments to the closure plan may be necessary. ABB will maintain communication with the Ohio EPA and notify them of any amendments to the closure plan, which will focus on meeting the closure standards or modifying the remedial approach, if necessary. If unanticipated events or conditions are encountered during the closure process that warrant modification or an extension of the closure schedule, ABB will make such a request in writing to the Ohio EPA following the requirements cited in OAC 3745-66-13 and will include with the request the conditions preempting closure.

7.0 CLOSURE REPORT AND CERTIFICATION

Upon conclusion of the work described above, ABB will submit certification that the Unit has been closed in accordance with the specifications in the approved Closure Plan. The Closure Certification Document will include the following information:

- the signed Certification Statement;
- a copy of the Ohio EPA approved Closure Plan;
- all correspondences between ABB and the Ohio EPA regarding closure activities after the Ohio EPA approval of the Closure Plan; and
- a final summary report that thoroughly describes activities that took place during closure, the volume of waste removed the site, details of soil and other sampling and analysis methods, decontamination methods, laboratory reports and certificates, manifests, correspondences and documents relating to waste disposal.

Final closure of the Unit will be certified by a representative from ABB and the independent, registered, professional engineer overseeing the closure process. A Closure Certification document will be submitted to the Ohio EPA within 60 days of completion of the closure activities. Included in the Certification document will be a Closure Certification Statement that will be signed by ABB and the professional engineer. A representative from ABB who meets the signatory qualifications cited in OAC 3745-50-42 will sign the certification statement.

8.0 COST ESTIMATES FOR CLEAN CLOSURE

A detailed cost estimate for closing the former Unit will provided to Ohio EPA within 30-days of approval of the Closure Plan.

9.0 References

Ohio EPA 2017. Closure Plan Review Guidance for RCRA Facilities. Ohio Environmental Protection Agency Division of Environmental Response and Revitalization, December 2021.

Ohio EPA 2021. Closure Plan Review Guidance for RCRA Facilities. Ohio Environmental Protection Agency Division of Environmental Response and Revitalization, December 2021.

U.S. EPA. May 1996a. Soil Screening Guidance: Technical Background Document. OSWER. Washington, D.C. Pub. EPA/540/ R95/128 https://nepis.epa.gov/Exe/ZyPURL.cgi?Dockey=100025LM.TXT

U.S. EPA. July 1996b. Soil Screening Guidance: User's Guide. OSWER. Washington D.C. Publication 9355.4-23. https://nepis.epa.gov/Exe/ZyPURL.cgi?Dockey=100027WI.TXT

Tables

Table 1
Groundwater Elevation Data (December 2019 – July 2021)

Table 2
Summary of VOCs and SVOCs in Soil

Table 3
Summary of Metals and Inorganic Compounds in Soil

Table 4
Summary of PCBs in Soil

Table 5
Summary of COCs Groundwater

Table6
Summary of TCLP Waste Characterization Data

Table 7
Leaching Evaluation - Comparison of SPLP Data to Total VOC Concentrations

Table 8
Closure Performance Standards

Table 9
Summary of Planned Remedial Activities

Table 1
Former ABB-Wickliffe, OH
Former RCRA Pad - RCRA Closure Plan
Groundwater Elevation Data (December 2019 - July 2021)

WELL ID	SCREENED INTERVAL (FEET-BGS)	TOP OF PVC [1] (FEET-MSL)	12/19/2019		1/27/2020		1/30/2020		2/19/2020		8/4/2020		3/24/2021		7/7/2021	
			DTW	GW ELEV.	DTW	GW ELEV.	DTW	GW ELEV.	DTW	GW ELEV.	DTW	GW ELEV.	DTW	GW ELEV.	DTW	GW ELEV.
MW-01	3.0 TO 9.0	665.24	7.34	**657.90**	3.88	**661.36**	4.41	**660.83**	3.96	**661.28**	8.49	**656.751**	4.49	**660.75**	8.07	**657.17**
MW-02	3.0 TO 9.0	656.02	8.49	**647.53**	7.89	**648.13**	8.42	**647.60**	7.86	**648.16**	7.34	**648.682**	6.67	**649.35**	6.42	**649.60**
MW-03	12.5 TO 22.5	664.51	19.00	**645.51**	17.44	**647.07**	17.72	**646.79**	17.39	**647.12**	18.34	**646.165**	17.37	**647.14**	18.20	**646.31**
MW-04	12.0 TO 22.0	662.23	17.08	**645.15**	15.22	**647.01**	15.60	**646.63**	15.31	**646.92**	17.03	**645.201**	16.05	**646.18**	16.98	**645.25**
MW-05	3.5 TO 13.5	652.71	5.32	**647.39**	3.72	**648.99**	7.21	**645.50**	6.48	**646.23**	5.42	**647.288**	6.03	**646.68**	6.22	**646.49**
MW-06 [2]	3.0 TO 13.0	NA	--		--		--		--		--		4.91	--	5.94	--
MW-07	3.0 TO 13.0	652.35	6.89	**645.46**	6.16	**646.19**	6.89	**645.46**	5.49	**646.86**	6.51	**645.842**	6.14	**646.21**	6.37	**645.98**
MW-08	8.5 TO 18.5	653.96	16.84	**637.12**	7.70	**646.26**	9.11	**644.85**	9.16	**644.80**	9.21	**644.753**	9.33	**644.63**	10.02	**643.94**
MW-09	6.3 TO 16.3	653.16	8.14	**645.02**	7.38	**645.78**	7.67	**645.49**	7.64	**645.52**	7.84	**645.322**	7.66	**645.50**	8.29	**644.87**
MW-10	5.0 TO 15.0	653.10	7.64	**645.46**	6.92	**646.18**	7.03	**646.07**	7.21	**645.89**	7.35	**645.750**	7.18	**645.92**	7.47	**645.63**
MW-11	5.0 TO 15.0	654.20	7.59	**646.61**	6.51	**647.69**	6.90	**647.30**	6.60	**647.60**	7.25	**646.948**	5.84	**648.36**	6.36	**647.84**
MW-12	7.3 TO 17.3	657.03	10.66	**646.37**	9.36	**647.67**	9.49	**647.54**	9.22	**647.81**	9.74	**647.290**	8.45	**648.58**	9.39	**647.64**
MW-13	6.0 TO 16.0	653.58	NA		NA		5.92	**647.66**	5.53	**648.05**	6.59	**646.992**	5.22	**648.36**	6.46	**647.12**
MW-14	6.2 TO 16.2	653.58	NA		NA		5.92	**647.66**	5.38	**648.20**	6.51	**647.066**	5.02	**648.56**	6.34	**647.24**
AMW-10	7.0 TO 17.0	653.04	8.01	**645.03**	6.46	**646.58**	6.99	**646.05**	6.41	**646.63**	6.94	**646.103**	6.16	**646.88**	6.89	**646.15**
AMW-11	5.0 TO 15.0	653.34	1.49	**651.85**	0.50	**652.84**	1.57	**651.77**	1.11	**652.23**	2.62	**650.716**	3.96	**649.38**	4.90	**648.44**

NOTES

Monitoring wells MW-05, MW-06, MW-07, and AMW-10 are located within the former RCRA Unit. Average DTW at these wells over is: 6.29 feet-bgs

NA / --: Not Available/Not Applicable

[1] Northing and Eastings in Ohio State Plane, South. Survey conducted by Metro Consulting Associates (MCA) on January 30, 2020

[2] MW-06 was missing until re-discovered in March 2021; survey data not available.

DTW - Depth to Water (feet below ground surface)

GW Elev: Static Groundwater Elevation (feet above Mean Sea Level)

Table 2
Former ABB-Wickliffe, OH
Former RCRA Pad - RCRA Closure Plan
Summary of VOCs and SVOCs in Soil

CHEMICAL OF CONCERN	CPS STANDARD (ug/kg)	LDR VALUE (ug/kg)	MW-09 (0-2) 12/18/2019	MW-09 (6-8) 12/18/2019	MW-10 (0-2) 12/17/2019	MW-10 (6-8) 12/17/2019	MW-12 (0-2) 12/18/2019	MW-12 (4-6) 12/18/2019	SB-01 (0-1.5) 12/17/2019	SB-02 (0-1.5) 12/17/2019	SB-02 (5-7) 12/17/2019	SB-03 (0-2) 12/17/2019	SB-03 (8-10) 12/17/2019	SB-04 (0-2) 12/17/2019	SB-04 (6-8) 12/17/2019	SB-05 (0-2) 12/17/2019	SB-05 (2-4) 12/17/2019	SB-06 (0-2) 12/17/2019	SB-06 (6-8) 12/17/2019	SB-07 (0-2) 12/17/2019	SB-07 (4-6) 12/17/2019	SB-08 (0-2) 12/17/2019
Benzene	721	100,000	< 4.7	< 4.8	< 4.1	< 240	< 6.1	< 4.8	**2.65**	**41.7**	**1,300**	**222**	**3.15**	< 1.95	< 1.79	**3.86**	< 1.87	< 2.07	**13.9**	< 2.02	< 1.85	< 2.04
1,1-Dichloroethane	1,901	60,000	**2.6**	**32**	**13**	**130**	< 6.1	< 4.8	**7.59**	**66.2**	**4,220**	**254**	**57,700**	**10.7**	**113**	< 1.89	< 1.87	**69.6**	**15,500**	**10.6**	**66.1**	**2.68**
1,1-Dichloroethene	5,948	60,000	< 4.7	**28**	**7.3**	**1,400**	< 6.1	< 4.8	**2.39**	**15.6**	**11,100**	**26.6**	**1.49**	< 1.95	**297**	< 1.76	< 1.87	**10.5**	**8,210**	**63**	**1,600**	< 2.04
cis-1,2-Dichloroethene	2,300,000	NA	< 4.7	< 4.8	< 4.1	< 240	< 6.1	< 4.8	< 2.39	**4.23**	**1,020**	< 21.8	< 1.47	< 1.95	< 1.79	< 1.76	< 1.87	< 2.07	**91.7**	< 2.02	< 1.85	**2.2**
trans-1,2-Dichloroethene	2,870	300,000	< 4.7	< 4.8	< 4.1	< 240	< 6.1	< 4.8	< 2.39	**5.31**	**30.3**	**5.3**	< 1.47	< 1.95	< 1.79	< 1.76	< 1.87	< 2.07	**24.1**	< 2.02	< 1.85	< 2.04
Ethylbenzene	3,430	100,000	< 4.7	< 4.8	< 4.1	< 240	< 6.1	< 4.8	< 2.39	**2.37**	< 1.45	**130**	**8.35**	< 1.95	< 1.79	**2.36**	< 1.87	< 2.07	< 1.51	< 2.02	**2.88**	< 2.04
Tetrachloroethene	2,200	60,000	< 4.7	< 4.8	< 4.1	< 240	< 6.1	< 4.8	< 2.39	**2.07**	< 1.45	**5.14**	**10,300**	< 1.95	< 1.79	< 1.76	< 1.87	**4.56**	**4.02**	**9.47**	**13.4**	**59.2**
Toluene	1,100,000	100,000	< 4.7	< 4.8	< 4.1	< 240	< 6.1	< 4.8	**5.62**	**98.4**	**2,470**	**898**	**11,200**	**13.8**	< 1.79	**7.5**	< 1.87	**4.77**	**51,700**	**3.7**	**55.2**	**87.4**
1,1,1-Trichloroethane	217,320	60,000	< 4.7	**17**	< 4.1	**1,300**	< 6.1	< 4.8	**4.79**	**9.71**	**38,200**	**6.08**	**4.18**	< 1.95	**177**	< 1.76	< 1.87	**23.5**	**126,000**	**160**	**116**	< 1.98
1,1,2-Trichloroethane	169	60,000	< 4.7	< 4.8	< 4.1	< 240	< 6.1	< 4.8	< 5.97	< 4.95	**46.8**	< 3.72	**7.46**	< 4.88	< 4.47	< 4.4	< 4.68	< 5.17	**54.9**	< 5.06	**11.3**	< 5.1
Trichloroethene	156	60,000	< 4.7	**0.98**	< 4.1	< 240	< 6.1	< 4.8	< 2.39	**16.8**	**183**	**11**	< 1.47	< 1.95	< 1.79	< 1.76	< 1.87	**5.56**	**120**	**42.6**	**30**	**19.2**
Vinyl chloride	168	60,000	**0.86**	**0.92**	**1.7**	< 240	< 6.1	< 4.8	< 2.39	**4.03**	**51.7**	**26.6**	**105**	< 1.95	**5.11**	< 1.76	< 1.87	< 2.07	**50.3**	< 2.02	< 1.85	< 2.04
Xylenes, total	31,900	300,000	< 9.3	< 9.7	< 8.1	< 480	< 12	< 9.6	< 7.16	**15.8**	< 4.35	**720**	**46.5**	< 5.85	<5.37	**8.73**	**5.62**	< 6.21	<4.53	< 6.07	**11.2**	< 6.12
Acenaphthylene	NA	34,000	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Anthracene	230,000,000	34,000	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Benzo(a)anthracene	210,000	34,000	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Benzo(a)pyrene	21,000	34,000	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Benzo(b)fluoranthene	210,000	68,000	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Benzo(g,h,i)perylene	NA	18,000	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Benzo(k)fluoranthene	2,100,000	68,000	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Chrysene	21,000,000	34,000	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Dibenz(a,h)anthracene	21,000	82,000	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Fluoranthene	30,000,000	34,000	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Fluorene	30,000,000	34,000	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Indeno(1,2,3-cd)pyrene	210,000	34,000	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Naphthalene	12,900	56,000	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Phenanthrene	NA	56,000	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Pyrene	23,000,000	82,000	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--

NOTES

--: Sample not collected

NA: Not Applicable

Chemical concentrations detected above laboratory reporting limits are shown in **bold**.

CPS Standards apply to soils in the 0-6 feet below ground surface (feet-bgs) depth interval.

LDR values apply to soils in the 0-6 feet-bgs depth interval, except for soils in the vicinity of CB-01 (Area 3) where the LDR values apply to soils from 0-10 feet-bgs.

LDR values based on 10x Universal Treatment Standard

Green shading indicates COC concentration exceeds applicable CPS.

Green outline indicates COC concentration exceeds applicable LDR value.

Table 2
Former ABB-Wickliffe, OH
Former RCRA Pad - RCRA Closure Plan
Summary of VOCs and SVOCs in Soil

CHEMICAL OF CONCERN	CPS STANDARD (ug/kg)	LDR VALUE (ug/kg)	SB-08 (3-5) 12/17/2019	SB-09 (0-2) 12/17/2019	SB-09 (6-8) 12/17/2019	SB-10 (0-2) 12/17/2019	SB-10 (2-4) 12/17/2019	SB-11 (0-2) 12/17/2019	SB-11 (6-8) 12/17/2019	SB-12 (0-2) 12/17/2019	SB-12 (4-6) 12/17/2019	SB-13 (0-2) 12/17/2019	SB-13 (4-6) 12/17/2019	SB-14 (0-2) 12/17/2019	SB-14 (3-5) 12/17/2019	SB-15 (0-2) 12/17/2019	SB-15 (2-4) 12/17/2019	SB-16 (0-2) 12/17/2019	SB-16 (4-6) 12/17/2019	SB-17 (0-2) 12/17/2019	SB-17 (3-5) 12/17/2019	SB-18 (0-2) 12/17/2019
Benzene	721	100,000	< 1.86	**4.15**	< 1.76	**2.06**	< 1.8	< 1.96	< 1.25	**1.77**	< 1.43	**96.70**	**287**	**2.91**	**1.7**	**2.43**	< 1.95	**2.95**	**57.7**	**3.63**	< 1.76	< 1.55
1,1-Dichloroethane	1,901	60,000	**14.7**	**109**	**3,270**	**6.53**	< 1.8	**3.07**	**2,020**	**16.8**	**135**	**34.9**	**2,720**	**2.51**	**5.78**	**77.1**	< 1.95	**2.28**	**881**	**5.42**	**140**	< 1.55
1,1-Dichloroethene	5,948	60,000	**8.19**	**22.2**	**2,070**	< 1.66	< 1.8	< 1.96	**2,290**	< 1.88	< 1.6	< 1.6	**337**	< 1.51	< 1.67	**2.17**	< 1.95	< 1.63	**1,550**	**5.97**	**29**	< 1.55
cis-1,2-Dichloroethene	2,300,000	NA	< 1.86	**13.80**	**176**	< 1.66	< 1.8	< 1.96	**16.6**	**1.91**	**253**	**26**	**2,500**	< 1.39	< 1.62	**3.92**	< 1.95	**3.58**	**2,810**	**8.87**	**10.1**	< 1.55
trans-1,2-Dichloroethene	2,870	300,000	< 1.86	**3.4**	**9.45**	< 1.66	< 1.8	< 1.96	**3.9**	< 1.56	**21**	**15**	**178**	< 1.51	< 1.67	< 1.33	< 1.95	< 1.63	**29.3**	< 1.8	< 1.76	< 1.55
Ethylbenzene	3,430	100,000	< 1.86	< 1.88	**74.7**	< 1.66	< 1.8	**35.5**	< 1.25	**3.61**	< 1.43	**26.8**	**4.62**	**1.53**	< 1.67	< 1.33	< 1.95	**1.65**	**115**	**3.42**	< 1.76	< 1.55
Tetrachloroethene	2,200	60,000	**32.8**	**31.9**	**1,780**	< 1.66	< 1.8	< 1.96	< 1.25	< 1.56	< 1.43	< 1.6	< 1.72	< 1.51	< 1.67	< 1.33	< 1.95	**25.5**	**16.6**	**3,110**	**7.38**	**176**
Toluene	1,100,000	100,000	< 1.86	**26.4**	**5,380**	**19.1**	< 1.8	**7.53**	**5.48**	**5.52**	< 1.43	**145**	**638**	**4.55**	< 1.62	**8.01**	< 1.95	**29.7**	**525**	**16.2**	**6.53**	**3.42**
1,1,1-Trichloroethane	217,320	60,000	< 1.86	**144**	**13,100**	**3.09**	< 1.8	< 1.96	**3,420**	**13.1**	**70.2**	**2.74**	**49.8**	< 1.51	< 1.67	< 1.33	< 1.95	**11.4**	**498**	**76.9**	< 1.92	**7.06**
1,1,2-Trichloroethane	169	60,000	< 4.66	< 4.7	**119**	< 4.15	< 4.51	< 4.91	**9.30**	< 3.91	< 3.57	< 4.01	**9.49**	< 3.77	< 4.17	< 3.33	< 4.87	< 4.08	**75.1**	< 4.49	< 4.4	< 3.88
Trichloroethene	156	60,000	**35.9**	**37.4**	**288**	< 1.66	< 1.8	< 1.96	**7.7**	< 1.56	< 1.43	**37.4**	**327**	< 1.51	< 1.67	**7.52**	< 1.95	**15.8**	**481**	**45.8**	**3.27**	**6.52**
Vinyl chloride	168	60,000	< 1.86	< 1.88	**7.05**	< 1.66	< 1.8	< 1.96	**9.07**	**4**	**293**	**8.9**	**1,110**	< 1.51	< 1.67	< 1.33	< 1.95	< 1.63	**17.4**	< 1.8	**15.4**	< 1.55
Xylenes, total	31,900	300,000	< 5.59	< 5.64	**454**	**6.44**	< 5.41	**44.3**	< 3.76	**19.4**	< 4.29	**135**	**16**	**7.52**	**5.17**	**6.42**	< 5.85	**10.2**	**477**	**22.8**	< 5.28	**10**
Acenaphthylene	NA	34,000	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Anthracene	230,000,000	34,000	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Benzo(a)anthracene	210,000	34,000	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Benzo(a)pyrene	21,000	34,000	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Benzo(b)fluoranthene	210,000	68,000	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Benzo(g,h,i)perylene	NA	18,000	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Benzo(k)fluoranthene	2,100,000	68,000	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Chrysene	21,000,000	34,000	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Dibenz(a,h)anthracene	21,000	82,000	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Fluoranthene	30,000,000	34,000	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Fluorene	30,000,000	34,000	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Indeno(1,2,3-cd)pyrene	210,000	34,000	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Naphthalene	12,900	56,000	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Phenanthrene	NA	56,000	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Pyrene	23,000,000	82,000	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--

NOTES

--: Sample not collected

NA: Not Applicable

Chemical concentrations detected above laboratory reporting limits are shown in **bold**.

CPS Standards apply to soils in the 0-6 feet below ground surface (feet-bgs) depth interval.

LDR values apply to soils in the 0-6 feet-bgs depth interval, except for soils in the vicinity of CB-01 (Area 3) where the LDR values apply to soils from 0-10 feet-bgs.

LDR values based on 10x Universal Treatment Standard

Green shading indicates COC concentration exceeds applicable CPS.

Green outline indicates COC concentration exceeds applicable LDR value.

Table 2
Former ABB-Wickliffe, OH
Former RCRA Pad - RCRA Closure Plan
Summary of VOCs and SVOCs in Soil

CHEMICAL OF CONCERN	CPS STANDARD (ug/kg)	LDR VALUE (ug/kg)	SB-18 (5-7) 12/17/2019	SB-19 (0-2 12/16/2019	SB-19 (5-7) 12/16/2019	SB-20 (0-2) 12/16/2019	SB-20 (4-6) 12/16/2019	SB-21 (0-2) 12/16/2019	SB-21 (2-4) 12/16/2019	SB-22 (0-2) 12/17/2019	SB-22 08-10 12/17/2019	SB-23 (0-2) 12/16/2019	SB-23 (4-6) 12/16/2019	SB-24 (0-2) 12/16/2019	SB-24 (6-8) 12/16/2019	SB-25 (0-2) 12/17/2019	SB-25 10-12 12/17/2019	SB-26 (0-2) 12/16/2019	SB-26 (4-6) 12/16/2019	SB-27 (0-2) 12/16/2019	SB-27 (5-7) 12/16/2019	SB-28 (0-2) 12/16/2019
Benzene	721	100,000	**2.84**	< 6.0	< 920	< 4.7	< 4.8	< 3.9	**2.7**	< 4.3	< 3.9	**240**	**690**	< 5.1	< 250	< 3.5	< 690	**52**	**63**	< 3.8	< 3.9	< 4.1
1,1-Dichloroethane	1,901	60,000	**4,340**	**2.3**	**5,200**	< 4.7	**1.8**	**0.69**	**63**	< 4.3	< 3.9	**250**	**5,900**	< 5.1	**2,000**	< 3.5	**380**	**1,900**	**1,400**	**4.8**	**3**	**2.2**
1,1-Dichloroethene	5,948	60,000	**541**	< 6.0	**4,500**	**1**	**1.4**	< 3.9	**110**	< 4.3	< 3.9	< 490	**17,000**	< 5.1	**440**	< 3.5	< 690	< 240	**2,200**	**4.2**	**19**	< 4.1
cis -1,2-Dichloroethene	2,300,000	NA	**30.4**	**2.3**	< 920	< 4.7	< 4.8	< 3.9	**4.5**	< 4.3	< 3.9	< 490	**380**	< 5.1	< 250	< 3.5	< 690	< 240	**110**	**1.5**	**0.73**	**0.99**
trans -1,2-Dichloroethene	2,870	300,000	< 1.82	< 6.0	< 920	< 4.7	< 4.8	< 3.9	< 5.9	< 4.3	< 3.9	< 490	< 1700	< 5.1	< 250	< 3.5	**110**	**36**	< 550	< 3.8	< 3.9	< 4.1
Ethylbenzene	3,430	100,000	**4.39**	< 6.0	< 920	**1.2**	< 4.8	< 3.9	< 5.9	< 4.3	< 3.9	**1,100**	**310**	< 5.1	< 250	< 3.5	**880**	**620**	**1,200**	< 3.8	< 3.9	< 4.1
Tetrachloroethene	2,200	60,000	**68.1**	< 6.0	< 920	< 4.7	< 4.8	**1.1**	**7.3**	< 4.3	< 3.9	< 490	**710**	< 5.1	< 250	< 3.5	< 690	< 240	< 550	< 3.8	< 3.9	**25**
Toluene	1,100,000	100,000	**75.4**	< 6.0	< 920	< 4.7	< 4.8	< 3.9	< 5.9	**2**	< 3.9	**13,000**	**48,000**	< 5.1	< 250	< 3.5	**2,200**	**540**	**12,000**	< 3.8	< 3.9	< 4.1
1,1,1-Trichloroethane	217,320	60,000	**930**	< 6.0	**21,000**	< 4.7	< 4.8	< 3.9	**1.4**	< 4.3	< 3.9	**350**	**52,000**	< 5.1	**830**	< 3.5	**2,200**	**150**	**810**	**2.5**	< 3.9	< 4.1
1,1,2-Trichloroethane	169	60,000	**5.29**	< 6.0	< 920	< 4.7	< 4.8	< 3.9	< 5.9	< 4.3	< 3.9	< 490	**750**	< 5.1	< 250	< 3.5	**180**	< 240	**250**	< 3.8	< 3.9	< 4.1
Trichloroethene	156	60,000	**59**	< 6.0	**510**	< 4.7	< 4.8	< 3.9	**7.4**	< 4.3	< 3.9	< 490	**2,400**	< 5.1	< 250	< 3.5	**86**	**41**	**710**	**0.92**	< 3.9	**25**
Vinyl chloride	168	60,000	**12.4**	< 6.0	< 920	< 4.7	< 4.8	< 3.9	< 5.9	< 4.3	< 3.9	< 490	< 1700	< 5.1	< 250	< 3.5	< 690	**100**	< 550	< 3.8	**11**	< 4.1
Xylenes, total	31,900	300,000	**20.8**	< 12.0	< 1800	**2.3**	< 9.6	< 7.7	< 12	< 8.6	< 7.9	**13,000**	**1,300**	< 10	< 510	< 7.1	**3,100**	**1,500**	**7,500**	< 7.6	< 7.9	< 8.2
Acenaphthylene	NA	34,000	--	< 17	< 17	< 19	< 19	--	--	--	--	--	--	< 180	< 70	--	--	< 18	< 19	--	--	--
Anthracene	230,000,000	34,000	--	< 17	< 17	< 19	< 19	--	--	--	--	--	--	**440**	< 70	--	--	< 18	< 19	--	--	--
Benzo(a)anthracene	210,000	34,000	--	< 17	< 17	< 19	< 19	--	--	--	--	--	--	**1,500**	< 70	--	--	< 18	< 19	--	--	--
Benzo(a)pyrene	21,000	34,000	--	< 17	< 17	< 19	< 19	--	--	--	--	--	--	**1,300**	< 70	--	--	< 18	< 19	--	--	--
Benzo(b)fluoranthene	210,000	68,000	--	< 17	< 17	< 19	< 19	--	--	--	--	--	--	**1,700**	< 70	--	--	**13**	< 19	--	--	--
Benzo(g,h,i)perylene	NA	18,000	--	< 17	< 17	< 19	< 19	--	--	--	--	--	--	**900**	**69**	--	--	**13**	< 19	--	--	--
Benzo(k)fluoranthene	2,100,000	68,000	--	< 17	< 17	< 19	< 19	--	--	--	--	--	--	**790**	< 70	--	--	< 18	< 19	--	--	--
Chrysene	21,000,000	34,000	--	< 17	< 17	< 19	< 19	--	--	--	--	--	--	**1,500**	< 70	--	--	**5.9**	< 19	--	--	--
Dibenz(a,h)anthracene	21,000	82,000	--	< 17	< 17	< 19	< 19	--	--	--	--	--	--	**300**	< 70	--	--	< 18	< 19	--	--	--
Fluoranthene	30,000,000	34,000	--	< 17	< 17	< 19	< 19	--	--	--	--	--	--	**3,300**	**33**	--	--	**8.4**	< 19	--	--	--
Fluorene	30,000,000	34,000	--	< 17	< 17	< 19	< 19	--	--	--	--	--	--	**240**	< 70	--	--	< 18	< 19	--	--	--
Indeno(1,2,3-cd)pyrene	210,000	34,000	--	< 17	< 17	< 19	< 19	--	--	--	--	--	--	**770**	**46**	--	--	< 18	< 19	--	--	--
Naphthalene	12,900	56,000	--	< 17	< 17 U	< 19 U	< 19	--	--	--	--	--	--	**46**	**56**	--	--	< 18 U	< 19	--	--	--
Phenanthrene	NA	56,000	--	**6.3**	**15**	< 19	< 19	--	--	--	--	--	--	**2,200**	**71**	--	--	**13**	< 19	--	--	--
Pyrene	23,000,000	82,000	--	< 17	**11**	< 19	< 19	--	--	--	--	--	--	**2,700**	**43**	--	--	**7.4**	< 19	--	--	--

NOTES

--: Sample not collected

NA: Not Applicable

Chemical concentrations detected above laboratory reporting limits are shown in **bold**.

CPS Standards apply to soils in the 0-6 feet below ground surface (feet-bgs) depth interval.

LDR values apply to soils in the 0-6 feet-bgs depth interval, except for soils in the vicinity of CB-01 (Area 3) where the LDR values apply to soils from 0-10 feet-bgs.

LDR values based on 10x Universal Treatment Standard

Green shading indicates COC concentration exceeds applicable CPS.

Green outline indicates COC concentration exceeds applicable LDR value.

Table 2
Former ABB-Wickliffe, OH
Former RCRA Pad - RCRA Closure Plan
Summary of VOCs and SVOCs in Soil

CHEMICAL OF CONCERN	CPS STANDARD (ug/kg)	LDR VALUE (ug/kg)	SB-28 (6-8) 12/16/2019	SB-32 (0-2) 12/16/2019	SB-33 (0-2) 12/19/2019	SB-34 (0-2) 2/24/2021	SB-34 (2-4) 2/24/2021	SB-34 (4-6) 2/24/2021	SB-35 (0-2) 2/24/2021	SB-35 (2-4) 2/24/2021	SB-35 (4-6) 2/24/2021	SB-36 (0-2) 2/25/2021	SB-36 (2-4) 2/25/2021	SB-36 (4-6) 2/25/2021	SB-37 (0-2) 2/24/2021	SB-37 (2-4) 2/24/2021	SB-37 (4-6) 2/24/2021	SB-38 (0-2) 2/25/2021	SB-38 (2-4) 2/25/2021	SB-38 (4-6) 2/25/2021	SB-39 (0-2) 2/25/2021	SB-39 (2-4) 2/25/2021
Benzene	721	100,000	< 3.9	< 270	< 5.6	< 280	**79**	< 360	< 330	**87**	**89**	< 1700	< 740	**130**	< 4.5	< 4.5	< 310	< 240	< 4.8	< 5.4	< 5.7	< 5.9
1,1-Dichloroethane	1,901	60,000	< 3.9	**300**	< 5.6	**340**	**5,600**	**3,100**	**1,600**	**2,200**	**2,300**	**840**	**920**	**1,800**	**2**	**74**	**220**	< 240	**4.1**	**5.4**	< 5.7	< 5.9
1,1-Dichloroethene	5,948	60,000	< 3.9	**230**	< 5.6	**120**	**850**	**1,600**	**1,900**	**2,400**	**3,300**	< 1700	**410**	**2,600**	< 4.5	**73**	**410**	< 240	< 4.8	< 5.4	< 5.7	< 5.9
cis-1,2-Dichloroethene	2,300,000	NA	< 3.9	**32**	< 5.6	< 280	**81**	< 360	**290**	**290**	**230**	< 1700	**150**	**150**	**1.2**	**0.65**	< 310	< 240	< 4.8	< 5.4	< 5.7	< 5.9
trans-1,2-Dichloroethene	2,870	300,000	< 3.9	< 270	< 5.6	< 280	< 360	< 360	< 330	< 400	< 360	< 1700	< 740	< 500	< 4.5	< 4.5	< 310	< 240	< 4.8	< 5.4	< 5.7	< 5.9
Ethylbenzene	3,430	100,000	< 3.9	< 270	< 5.6	< 280	**89**	< 360	< 330	**90**	**320**	< 1700	< 740	**920**	**5**	< 4.5	< 310	**1,200**	< 4.8	< 5.4	< 5.7	< 5.9
Tetrachloroethene	2,200	60,000	< 3.9	**330**	< 5.6	< 280	< 360	< 360	< 330	< 400	< 360	**860**	**770**	**240**	< 4.5	< 4.5	< 310	< 240	< 4.8	< 5.4	< 5.7	< 5.9
Toluene	1,100,000	100,000	< 3.9	**65**	< 5.6	< 280	**490**	**350**	**8,400**	**15,000**	**12,000**	< 1700	**810**	**21,000**	**3.4**	< 4.5	< 310	< 240	< 4.8	**2**	< 5.7	< 5.9
1,1,1-Trichloroethane	217,320	60,000	< 3.9	**2,100**	< 5.6	**1,500**	**850**	< 360	**2,600**	**650**	**850**	**34,000**	**24,000**	**12,000**	< 4.5	< 4.5	< 310	< 240	< 4.8	**1.8**	< 5.7	< 5.9
1,1,2-Trichloroethane	169	60,000	< 3.9	**260**	< 5.6	< 280	**210**	< 360	**290**	**430**	**450**	**630**	**510**	**430**	< 4.5	< 4.5	< 310	< 240	< 4.8	< 5.4	< 5.7	< 5.9
Trichloroethene	156	60,000	< 3.9	**250**	< 5.6	< 280	< 360	< 360	**1,500**	**1,800**	**1,200**	**1,100**	**1,100**	**790**	**1.1**	**1**	< 310	< 240	< 4.8	< 5.4	< 5.7	< 5.9
Vinyl chloride	168	60,000	< 3.9	< 270	< 5.6	< 280	< 360	< 360	**300**	< 400	< 360	< 1700	< 740	< 500	< 4.5	**38**	< 310	< 240	< 4.8	< 5.4	< 5.7	< 5.9
Xylenes, total	31,900	300,000	< 7.8	**480**	< 11	< 550	**510**	< 720	**120**	**370**	**1,600**	**2,400**	**3,000**	**3,700**	**15**	< 8.9	< 630	**450**	< 9.6	< 11	< 11	< 12
Acenaphthylene	NA	34,000	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Anthracene	230,000,000	34,000	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Benzo(a)anthracene	210,000	34,000	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Benzo(a)pyrene	21,000	34,000	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Benzo(b)fluoranthene	210,000	68,000	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Benzo(g,h,i)perylene	NA	18,000	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Benzo(k)fluoranthene	2,100,000	68,000	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Chrysene	21,000,000	34,000	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Dibenz(a,h)anthracene	21,000	82,000	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Fluoranthene	30,000,000	34,000	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Fluorene	30,000,000	34,000	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Indeno(1,2,3-cd)pyrene	210,000	34,000	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Naphthalene	12,900	56,000	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Phenanthrene	NA	56,000	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Pyrene	23,000,000	82,000	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--

NOTES

--: Sample not collected

NA: Not Applicable

Chemical concentrations detected above laboratory reporting limits are shown in **bold**.

CPS Standards apply to soils in the 0-6 feet below ground surface (feet-bgs) depth interval.

LDR values apply to soils in the 0-6 feet-bgs depth interval, except for soils in the vicinity of CB-01 (Area 3) where the LDR values apply to soils from 0-10 feet-bgs.

LDR values based on 10x Universal Treatment Standard

Green shading indicates COC concentration exceeds applicable CPS.

Green outline indicates COC concentration exceeds applicable LDR value.

Table 2
Former ABB-Wickliffe, OH
Former RCRA Pad - RCRA Closure Plan
Summary of VOCs and SVOCs in Soil

CHEMICAL OF CONCERN	CPS STANDARD (ug/kg)	LDR VALUE (ug/kg)	SB-39 (4-6) 2/25/2021	SB-40 (0-2) 2/25/2021	SB-40 (2-4) 2/25/2021	SB-40 (4-6) 2/25/2021	SB-41 (0-2) 2/25/2021	SB-41 (2-4) 2/25/2021	SB-41 (4-6) 2/25/2021	SB-42 (0-2) 2/25/2021	SB-42 (2-4) 2/25/2021	SB-42 (4-6) 2/25/2021	SB-43 (0-2) 2/25/2021	SB-43 (2-4) 2/25/2021	SB-43 (4-6) 2/25/2021	SB-43 (6-8) 2/25/2021	SB-43 (8-10) 2/25/2021	SB-44 (0-2) 2/26/2021	SB-44 (2-4) 2/26/2021	SB-44 (4-6) 2/26/2021	SB-45 (0-2) 2/25/2021	SB-45 (2-4) 2/25/2021
Benzene	721	100,000	< 4.7	< 3.7	< 5.2	< 4.9	< 270	< 350	< 290	< 260	< 290	< 5800	< 3.5	< 340	< 840	< 4800	< 2400	< 4.8	**3.5**	**72**	< 250	< 320
1,1-Dichloroethane	1,901	60,000	**2.3**	**3.3**	**0.9**	**93**	**400**	**620**	**810**	**68**	**620**	**16,000**	**9.1**	**1,800**	**5,900**	**140,000**	**96,000**	**6.9**	**72**	**720**	< 250	**390**
1,1-Dichloroethene	5,948	60,000	< 4.7	< 3.7	< 5.2	**95**	< 270	< 350	**230**	**120**	**2,900**	**11,000**	< 3.5	**540**	**3,300**	**2,900**	< 2400	< 4.8	**8.2**	**590**	< 250	< 320
cis-1,2-Dichloroethene	2,300,000	NA	< 4.7	**2.2**	< 5.2	**1**	< 270	< 350	< 290	< 260	**99**	< 5800	**4.1**	**1,300**	**1,400**	< 4800	< 2400	**3.7**	**76**	**7,400**	< 250	< 320
trans-1,2-Dichloroethene	2,870	300,000	< 4.7	< 3.7	< 5.2	< 4.9	< 270	< 350	< 290	< 260	< 290	< 5800	< 3.5	< 340	< 840	< 4800	< 2400	< 4.8	**3**	< 270	< 250	< 320
Ethylbenzene	3,430	100,000	< 4.7	< 3.7	< 5.2	< 4.9	< 270	< 350	< 290	< 260	**160**	**2,300**	< 3.5	**750**	**460**	**1,600**	**480**	< 4.8	**9.4**	**1,000**	< 250	< 320
Tetrachloroethene	2,200	60,000	< 4.7	< 3.7	< 5.2	< 4.9	**110**	< 350	< 290	**510**	**4,900**	**140,000**	**18**	**470**	**950**	**71,000**	**24,000**	< 4.8	< 4.9	< 270	**2,500**	< 320
Toluene	1,100,000	100,000	< 4.7	< 3.7	< 5.2	< 4.9	< 270	< 350	< 290	< 260	**1,000**	**31,000**	**0.95**	**3,900**	**2,100**	**67,000**	**26,000**	< 4.8	**11**	**630**	< 250	< 320
1,1,1-Trichloroethane	217,320	60,000	**0.89**	< 3.7	< 5.2	**36**	**430**	**190**	**210**	< 260	**280**	**160,000**	**2.9**	**370**	**22,000**	**51,000**	< 2400	< 4.8	< 4.9	**200**	**210**	< 320
1,1,2-Trichloroethane	169	60,000	< 4.7	< 3.7	< 5.2	< 4.9	< 270	< 350	< 290	< 260	< 290	< 5800	< 3.5	< 340	**220**	< 4800	< 2400	< 4.8	< 4.9	< 270	< 250	< 320
Trichloroethene	156	60,000	< 4.7	< 3.7	< 5.2	< 4.9	< 270	< 350	< 290	< 260	**760**	**6,700**	**2.2**	**720**	**5,900**	< 4800	< 2400	**1.6**	**1.7**	**460**	< 250	< 320
Vinyl chloride	168	60,000	< 4.7	< 3.7	< 5.2	**22**	< 270	< 350	< 290	< 260	< 290	< 5800	< 3.5	< 340	< 840	< 4800	< 2400	**2.9**	**110**	**400**	< 250	< 320
Xylenes, total	31,900	300,000	< 9.5	**2.1**	< 10	< 9.8	< 540	< 700	< 580	< 520	**700**	**12,000**	< 6.9	**4,000**	**1,800**	**12,000**	**3,100**	< 9.6	**12**	**5,700**	< 510	< 650
Acenaphthylene	NA	34,000	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Anthracene	230,000,000	34,000	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Benzo(a)anthracene	210,000	34,000	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Benzo(a)pyrene	21,000	34,000	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Benzo(b)fluoranthene	210,000	68,000	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Benzo(g,h,i)perylene	NA	18,000	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Benzo(k)fluoranthene	2,100,000	68,000	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Chrysene	21,000,000	34,000	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Dibenz(a,h)anthracene	21,000	82,000	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Fluoranthene	30,000,000	34,000	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Fluorene	30,000,000	34,000	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Indeno(1,2,3-cd)pyrene	210,000	34,000	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Naphthalene	12,900	56,000	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Phenanthrene	NA	56,000	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Pyrene	23,000,000	82,000	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--

NOTES

--: Sample not collected

NA: Not Applicable

Chemical concentrations detected above laboratory reporting limits are shown in **bold**.

CPS Standards apply to soils in the 0-6 feet below ground surface (feet-bgs) depth interval.

LDR values apply to soils in the 0-6 feet-bgs depth interval, except for soils in the vicinity of CB-01 (Area 3) where the LDR values apply to soils from 0-10 feet-bgs.

LDR values based on 10x Universal Treatment Standard

Green shading indicates COC concentration exceeds applicable CPS.

Green outline indicates COC concentration exceeds applicable LDR value.

Table 2
Former ABB-Wickliffe, OH
Former RCRA Pad - RCRA Closure Plan
Summary of VOCs and SVOCs in Soil

CHEMICAL OF CONCERN	CPS STANDARD (ug/kg)	LDR VALUE (ug/kg)	SB-45 (4-6) 2/25/2021	SB-46 (0-2) 2/25/2021	SB-46 (2-4) 2/25/2021	SB-46 (4-6) 2/25/2021	SB-47 (0-2) 2/25/2021	SB-47 (2-4) 2/25/2021	SB-47 (4-6) 2/25/2021	SB-48 (0-2) 2/24/2021	SB-48 (2-4) 2/24/2021	SB-48 (4-6) 2/24/2021	SB-49 (0-2) 2/24/2021	SB-49 (2-4) 2/24/2021	SB-49 (4-6) 2/24/2021	SB-49 (6-8) 2/24/2021	SB-50 (0-2) 2/25/2021	SB-50 (2-4) 2/25/2021	SB-50 (4-6) 2/25/2021	SB-51 (0-2) 2/26/2021	SB-51 (2-4) 2/26/2021	SB-51 (4-6) 2/26/2021
Benzene	721	100,000	< 250	< 3.9	< 4.7	< 4.7	< 2.8	< 4.7	< 5.1	< 6.3	< 5.1	< 300	< 270	< 1400	< 250	< 4600	< 4.3	< 260	< 280	< 320	< 5.0	< 340
1,1-Dichloroethane	1,901	60,000	**860**	< 3.9	< 4.7	**16**	**0.43**	**1.5**	**120**	**1.8**	**69**	**680**	**940**	**4,600**	**1,900**	**6,800**	**0.95**	< 260	**170**	< 320	**6.5**	< 340
1,1-Dichloroethene	5,948	60,000	**310**	< 3.9	< 4.7	**73**	< 2.8	< 4.7	**210**	< 6.3	**55**	**1,300**	**180**	**17,000**	**5,600**	**68,000**	< 4.3	< 260	**140**	< 320	**3.8**	< 340
cis-1,2-Dichloroethene	2,300,000	NA	**71**	**0.78**	< 4.7	< 4.7	**1.8**	< 4.7	< 5.1	< 6.3	< 5.1	< 300	< 270	**1,300**	**350**	**1,400**	< 4.3	< 260	< 280	< 320	< 5.0	< 340
trans-1,2-Dichloroethene	2,870	300,000	< 250	< 3.9	< 4.7	< 4.7	< 2.8	< 4.7	< 5.1	< 6.3	< 5.1	< 300	< 270	**480**	**82**	< 4600	< 4.3	< 260	< 280	< 320	< 5.0	< 340
Ethylbenzene	3,430	100,000	< 250	< 3.9	< 4.7	< 4.7	< 2.8	< 4.7	< 5.1	< 6.3	< 5.1	< 300	**420**	**4,600**	**510**	**1,500**	< 4.3	< 260	< 280	< 320	< 5.0	< 340
Tetrachloroethene	2,200	60,000	< 250	< 3.9	< 4.7	< 4.7	< 2.8	< 4.7	< 5.1	< 6.3	< 5.1	< 300	< 270	< 1400	< 250	< 4600	**5.9**	**270**	**470**	**730**	**36**	**750**
Toluene	1,100,000	100,000	< 250	< 3.9	< 4.7	< 4.7	< 2.8	< 4.7	< 5.1	**1.5**	< 5.1	< 300	**500**	**52,000**	**6,600**	**45,000**	< 4.3	< 260	< 280	**330**	< 5.0	< 340
1,1,1-Trichloroethane	217,320	60,000	**150**	< 3.9	< 4.7	**130**	< 2.8	< 4.7	**200**	< 6.3	< 5.1	**270**	< 270	**1,900**	**170**	**270,000**	**1.3**	< 260	**300**	**260**	**5.1**	< 340
1,1,2-Trichloroethane	169	60,000	< 250	< 3.9	< 4.7	< 4.7	< 2.8	< 4.7	< 5.1	< 6.3	< 5.1	< 300	< 270	**2,500**	**900**	**3,700**	< 4.3	< 260	< 280	< 320	< 5.0	< 340
Trichloroethene	156	60,000	< 250	**3.7**	< 4.7	< 4.7	**1.5**	< 4.7	< 5.1	**0.98**	< 5.1	< 300	< 270	**9,700**	**1,400**	**10,000**	< 4.3	< 260	**170**	< 320	**11**	**270**
Vinyl chloride	168	60,000	< 250	< 3.9	< 4.7	< 4.7	< 2.8	< 4.7	**4.4**	< 6.3	**7.9**	< 300	**430**	**1,300**	**510**	< 4600	< 4.3	< 260	< 280	< 320	< 5.0	< 340
Xylenes, total	31,900	300,000	< 490	< 7.8	< 9.5	< 9.4	**1.9**	< 9.5	< 10	**6.8**	< 10	< 600	**1,500**	**21,000**	**2,500**	**7,000**	< 8.6	< 510	< 550	< 640	< 10	< 680
Acenaphthylene	NA	34,000	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Anthracene	230,000,000	34,000	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Benzo(a)anthracene	210,000	34,000	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Benzo(a)pyrene	21,000	34,000	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Benzo(b)fluoranthene	210,000	68,000	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Benzo(g,h,i)perylene	NA	18,000	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Benzo(k)fluoranthene	2,100,000	68,000	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Chrysene	21,000,000	34,000	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Dibenz(a,h)anthracene	21,000	82,000	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Fluoranthene	30,000,000	34,000	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Fluorene	30,000,000	34,000	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Indeno(1,2,3-cd)pyrene	210,000	34,000	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Naphthalene	12,900	56,000	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Phenanthrene	NA	56,000	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Pyrene	23,000,000	82,000	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--

NOTES

--: Sample not collected

NA: Not Applicable

Chemical concentrations detected above laboratory reporting limits are shown in **bold**.

CPS Standards apply to soils in the 0-6 feet below ground surface (feet-bgs) depth interval.

LDR values apply to soils in the 0-6 feet-bgs depth interval, except for soils in the vicinity of CB-01 (Area 3) where the LDR values apply to soils from 0-10 feet-bgs.

LDR values based on 10x Universal Treatment Standard

Green shading indicates COC concentration exceeds applicable CPS.

Green outline indicates COC concentration exceeds applicable LDR value.

Table 2
Former ABB-Wickliffe, OH
Former RCRA Pad - RCRA Closure Plan
Summary of VOCs and SVOCs in Soil

CHEMICAL OF CONCERN	CPS STANDARD (ug/kg)	LDR VALUE (ug/kg)	SB-52 (0-2) 2/24/2021	SB-52 (2-4) 2/24/2021	SB-52 (4-6) 2/24/2021	SB-53 (0-2) 2/25/2021	SB-53 (2-4) 2/25/2021	SB-53 (4-6) 2/25/2021	SB-54 (0-2) 2/26/2021	SB-54 (2-4) 2/26/2021	SB-54 (4-6) 2/26/2021	WCA02-02 (0-2) 2/25/2021	WCA02-02 (6-8) 2/25/2021	WCA03-01 (0-2) 2/25/2021	WCA03-01 (2-4) 2/25/2021	WCA03-01 (4-6) 2/25/2021
Benzene	721	100,000	< 260	< 5.4	< 340	< 300	< 4.6	< 340	< 650	< 850	< 1100	**4,000**	**4,000**	< 220	< 230	< 300
1,1-Dichloroethane	1,901	60,000	**190**	**57**	**1,100**	**250**	**15**	**230**	**970**	**1,200**	**1,200**	**4,600**	**7,800**	< 220	**590**	**1,900**
1,1-Dichloroethene	5,948	60,000	< 260	**7**	**1,400**	< 300	**3**	**130**	**8,600**	**14,000**	**20,000**	< 3400	**26,000**	< 220	< 230	**650**
cis-1,2-Dichloroethene	2,300,000	NA	< 260	< 5.4	< 340	< 300	< 4.6	< 340	< 650	< 850	< 1100	**700**	**1,300**	< 220	**220**	**830**
trans-1,2-Dichloroethene	2,870	300,000	< 260	< 5.4	< 340	< 300	< 4.6	< 340	< 650	< 850	< 1100	< 3400	< 2600	< 220	< 230	< 300
Ethylbenzene	3,430	100,000	< 260	< 5.4	< 340	< 300	< 4.6	< 340	**430**	< 850	< 1100	**7,100**	< 2600	< 220	< 230	**260**
Tetrachloroethene	2,200	60,000	< 260	< 5.4	< 340	< 300	< 4.6	< 340	< 650	< 850	< 1100	< 3400	< 2600	**470**	**4,200**	**120**
Toluene	1,100,000	100,000	< 260	< 5.4	< 340	< 300	< 4.6	< 340	**1,400**	**1,600**	< 1100	**130,000**	**9,500**	< 220	< 230	**1,700**
1,1,1-Trichloroethane	217,320	60,000	**680**	**130**	**110**	**310**	< 4.6	**740**	**22,000**	**35,000**	**110,000**	< 3400	**95,000**	**210**	**2,100**	**210**
1,1,2-Trichloroethane	169	60,000	< 260	< 5.4	< 340	< 300	< 4.6	< 340	< 650	< 850	< 1100	< 3400	**710**	< 220	**59**	< 300
Trichloroethene	156	60,000	< 260	< 5.4	< 340	< 300	< 4.6	< 340	**810**	**1,100**	**3,000**	< 3400	**1,800**	< 220	**230**	**650**
Vinyl chloride	168	60,000	< 260	< 5.4	< 340	< 300	< 4.6	< 340	< 650	< 850	< 1100	< 3400	< 2600	< 220	< 230	< 300
Xylenes, total	31,900	300,000	< 520	< 11	< 670	< 610	< 9.2	< 680	**2,000**	**420**	< 2100	**44,000**	< 5100	< 440	**580**	**1,400**
Acenaphthylene	NA	34,000	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Anthracene	230,000,000	34,000	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Benzo(a)anthracene	210,000	34,000	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Benzo(a)pyrene	21,000	34,000	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Benzo(b)fluoranthene	210,000	68,000	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Benzo(g,h,i)perylene	NA	18,000	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Benzo(k)fluoranthene	2,100,000	68,000	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Chrysene	21,000,000	34,000	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Dibenz(a,h)anthracene	21,000	82,000	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Fluoranthene	30,000,000	34,000	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Fluorene	30,000,000	34,000	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Indeno(1,2,3-cd)pyrene	210,000	34,000	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Naphthalene	12,900	56,000	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Phenanthrene	NA	56,000	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Pyrene	23,000,000	82,000	--	--	--	--	--	--	--	--	--	--	--	--	--	--

NOTES

--: Sample not collected

NA: Not Applicable

Chemical concentrations detected above laboratory reporting limits are shown in **bold**.

CPS Standards apply to soils in the 0-6 feet below ground surface (feet-bgs) depth interval.

LDR values apply to soils in the 0-6 feet-bgs depth interval, except for soils in the vicinity of CB-01 (Area 3) where the LDR values apply to soils from 0-10 feet-bgs.

LDR values based on 10x Universal Treatment Standard

Green shading indicates COC concentration exceeds applicable CPS.

Green outline indicates COC concentration exceeds applicable LDR value.

Table 3
ABB-Wickliffe, OH
Former RCRA Pad - RCRA Closure Plan
Summary of Metals and Inorganic Compounds in Soil

CHEMICAL OF CONCERN	CPS STANDARD	UNITS	MW-08 (0-2) 12/17/2019	MW-09 (0-2) 12/18/2019	MW-10 (0-2) 12/17/2019	MW-11 (0-2) 12/17/2019	MW-12 (0-2) 12/18/2019	MW-13 (0-2) 1/27/2020	MW-14 (0-2) 1/27/2020	SB-1 (0-1.5) 12/11/17	SB-2 (0-1.5) 12/11/17	SB-2 (5-7) 12/11/17	SB-3 (0-2) 12/11/17	SB-3 (8-10) 12/11/17	SB-4 (0-2) 12/12/17	SB-4 (6-8) 12/12/17	SB- (0-2) 12/12/17	SB-5 (2-4) 12/12/17	SB-6 (0-2) 12/12/17	SB-6 (6-8) 12/12/17	SB-7 (0-2) 12/12/17	SB-7 (4-6) 12/12/17	SB-18 (0-2) 12/14/17	SB-18 (5-7) 12/14/17
Arsenic[1]	30	mg/kg	**19**	**13**	**10**	**4.3**	**19**	**24**	**13**	**9.04**	**9.42**	**14.9**	**7.31**	**15**	**9.25**	**12**	**5.04**	**11**	**11.1**	**11.7**	**9.87**	**3.73**	**11**	**15.2**
Barium	220,000	mg/kg	**52**	**45**	**43**	**190**	**76**	**45**	**36**	**51.7**	**51.9**	**11.9**	**34.8**	**13.5**	**329**	**30.4**	**174**	**55.2**	**52.3**	**13.9**	**74.1**	**10.8**	**45.1**	**19.6**
Cadmium	980	mg/kg	< 0.19	< 0.25	< 0.20	**0.17**	**1.3**	< 0.20	**0.063**	<1	<0.847	<0.962	**1.12**	<0.98	<0.943	<1.02	**3.67**	<1	**1.0**	<1.02	<0.962	<0.962	<1.02	<1
Chromium	180,000	mg/kg	**18**	**15**	**10**	**7.7**	**77**	**17**	**15**	**12.8**	**22.6**	**18.5**	**41.2**	**19.8**	**140**	**16.5**	**70.2**	**8.62**	**18.9**	**15.2**	**12.6**	**10.8**	**7.92**	**15.7**
Chromium, hexavalent	63	mg/kg	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Lead	800	mg/kg	**37**	**9.8**	**9.2**	**8.5**	**56**	**14**	**14**	**6.48**	**13.5**	**19.7**	**12**	**17.1**	**35.1**	**13**	**68.4**	**11.8**	**28.3**	**16.1**	**21.7**	**13.4**	**1.39**	<1
Mercury	46	mg/kg	< 0.10	**0.026**	**0.024**	< 0.11	< 0.22	**0.03**	**0.073**	<0.096	**0.151**	<0.101	**0.946**	<0.1	**0.138**	<0.096	**0.854**	**<0.1**	<0.101	<0.0968	<0.1	<0.098	<0.0972	<0.0985
Selenium	5,800	mg/kg	< 1.5	< 1.9	< 1.5	**1.5**	< 1.4	< 1.5	< 1.8	<2	<1.69	<1.92	<2.04	<1.96	<1.89	<2.04	<2.04	<2	<2	<2.04	<1.92	<1.92	<2.04	<2
Silver	5,800	mg/kg	< 0.49	< 0.63	< 0.49	< 0.47	**0.61**	< 0.50	< 0.60	<1	<0.847	<0.962	<1.02	<0.98	<0.943	<1.02	1.18	<1	<1	<1.02	<0.962	<0.962	<1.02	<1
Cyanide	150	mg/kg	**0.27**	**0.37**	**0.25**	**0.65**	**1.8**	**0.28**	**0.25**	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--

CHEMICAL OF CONCERN	CPS STANDARD	UNITS	SB-8 (0-2) 12/12/17	SB-8 (3-5) 12/12/17	SB-9 (0-2) 12/12/17	SB-9 (6-8) 12/12/17	SB-10 (0-2) 12/12/17	SB-10 (2-4) 12/12/17	SB-11 (0-2) 12/13/17	SB-11 (6-8) 12/13/17	SB-12 (0-2) 12/13/17	SB-12 (4-6) 12/13/17	SB-13 (0-2) 12/13/17	SB-13 (4-6) 12/13/17	SB-14 (0-2) 12/13/17	SB-14 (3-5) 12/13/17	SB-15 (0-2) 12/13/17	SB-15 (2-4) 12/13/17	SB-16 (0-2) 12/14/17	SB-16 (4-6) 12/14/17	SB-17 (0-2) 12/14/17	SB-17 (3-5) 12/14/17	SB-32 0-2 12/16/2019	SB-33 0-2' 12/19/2019
Arsenic[1]	30	mg/kg	**9.75**	**14.3**	**7.76**	**9.49**	**7.24**	**6.1**	**5.98**	**13.8**	**6.63**	**12.7**	**9**	**5.98**	**7.38**	**6.92**	**11.5**	**10.2**	**10**	**10.2**	**13**	**6.16**	**8.5**	**4.7**
Barium	220,000	mg/kg	**62**	**160**	**47.4**	**12.3**	**44.8**	**65.7**	**60.7**	**48.7**	**48.7**	**16.7**	**50.1**	**17**	**48.3**	**38.6**	**50.2**	**64.7**	**44.8**	**44.2**	**39.4**	**37.8**	**200**	**57**
Cadmium	980	mg/kg	<0.98	<1.02	<1	<1.02	<1.02	<0.962	<1.02	<1	<1.02	<1.02	<0.926	<0.98	<0.962	<1	<1.04	<1.02	<1.02	<1.02	<1.02	<1	**0.56**	< 0.29
Chromium	180,000	mg/kg	**14.3**	**16.6**	**10.3**	**12.7**	**11.3**	**13**	**11.9**	**15.5**	**33.4**	**11.4**	**10.4**	**7.02**	**9.35**	**11.5**	**9.87**	**11.1**	**13.4**	**15.6**	**9.59**	**9.44**	**510**	**13**
Chromium, hexavalent	63	mg/kg	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Lead	800	mg/kg	<0.98	**14.3**	**25.6**	**21.7**	**16.9**	**15.9**	**3.98**	**21.1**	**10.2**	**14.9**	**2.04**	<0.98	**7.79**	**13.5**	**2.19**	**20.2**	**9.55**	<1.02	**2.92**	**7.3**	**350**	**7.9**
Mercury	46	mg/kg	<0.0965	<0.096	0.602	<0.1	<0.0985	<0.0965	<0.101	<0.096	0.328	<0.0979	**0.133**	<0.0974	<0.1	<0.1	<0.0979	<0.0985	**0.112**	<0.0993	<0.0997	<0.1	**0.49**	< 0.16
Selenium	5,800	mg/kg	<1.96	<2.04	<2	<2.04	<2.04	<1.92	<2.04	<2	<2.04	<2.04	<1.85	<1.96	<1.92	<2	<2.08	<2.04	<2.04	<2.04	<2.04	<2	< 1.7	< 2.2
Silver	5,800	mg/kg	<0.98	<1.02	<1	<1.02	<1.02	<0.962	<1.02	<1	<1.02	<1.02	<0.926	<0.98	<0.962	<1	<1.04	<1.02	<1.02	<1.02	<1.02	<1	**0.35**	< 0.72
Cyanide	150	mg/kg	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	< 0.59	**1.1**

CHEMICAL OF CONCERN	CPS STANDARD	UNITS	SB-19 0-2' 12/16/2019	SB-19 5-7' 12/16/2019	SB-20 0-2' 12/16/2019	SB-20 4-6' 12/16/2019	SB-21 0-2' 12/16/2019	SB-21 2-4' 12/16/2019	SB-22 0-2' 12/17/2019	SB-23 0-2' 12/16/2019	SB-23 4-6' 12/16/2019	SB-24 0-2' 12/16/2019	SB-24 6-8' 12/16/2019	SB-25 0-2' 12/17/2019	SB-26 0-2' 12/16/2019	SB-26 4-6' 12/16/2019	SB-27 0-2' 12/16/2019	SB-28 0-2' 12/16/2019	SB-29 0-2' 12/16/2019	SB-30 0-2' 12/16/2019	SB-34 (0-2) 2/24/2021	SB-34 (2-4) 2/24/2021	SB-34 (4-6) 2/24/2021
Arsenic[1]	30	mg/kg	**11**	**18**	**5.1**	**7.9**	**13**	**10**	**9.6**	**9.7**	**18**	**3.4**	**15**	**15**	**10**	**11**	**11**	**13**	**9.8**	**7.3**	**11**	**14**	**11**
Barium	220,000	mg/kg	**19**	**38**	**59**	**60**	**31**	**51**	**59**	**49**	**31**	**150**	**28**	**32**	**43**	**34**	**33**	**44**	**40**	**61**	**41**	**33**	**130**
Cadmium	980	mg/kg	**0.28**	< 0.20	< 0.22	< 0.24	**0.049**	**0.14**	**0.069**	**0.15**	< 0.19	**2.1**	< 0.18	< 0.22	< 0.17	< 0.19	< 0.20	**0.18**	< 0.17	< 0.24	**0.63**	< 0.22	**0.21**
Chromium	180,000	mg/kg	**10**	**18**	**12**	**13**	**8**	**11**	**43**	**12**	**17**	**23**	**17**	**27**	**11**	**17**	**10**	**11**	**10**	**12**	**28**	**12**	**2,600**
Chromium, hexavalent	63	mg/kg	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	< 0.94	< 1.9	< 10
Lead	800	mg/kg	**11**	**9.9**	**7.8**	**8.5**	**7.5**	**10**	**22**	**11**	**11**	**31**	**12**	**10**	**8.2**	**18**	**9.5**	**13**	**11**	**9.9**	**42**	**8.9**	**280**
Mercury	46	mg/kg	**0.033**	< 0.12	**0.036**	**0.032**	**0.033**	**0.032**	**0.032**	**0.073**	**< 0.11**	**0.039**	< 0.12	**0.024**	**0.023**	**0.04**	**0.03**	**0.045**	**0.027**	**0.034**	**0.4**	< 0.13	**0.53**
Selenium	5,800	mg/kg	< 1.5	< 1.5	< 1.6	< 1.8	< 1.3	< 1.3	< 3.2	< 1.3	< 1.4	< 1.4	< 1.4	< 1.7	< 1.3	< 1.4	< 1.5	< 1.4	< 1.3	< 1.8	< 1.5	< 1.6	**0.94**
Silver	5,800	mg/kg	< 0.50	< 0.50	< 0.55	< 0.60	< 0.43	< 0.43	**0.23**	< 0.42	< 0.48	**0.19**	< 0.45	< 0.56	< 0.43	< 0.48	< 0.51	< 0.46	< 0.44	< 0.61	**0.099**	< 0.54	**0.3**
Cyanide	150	mg/kg	**0.32**	< 0.55	**0.46**	**0.34**	**0.19**	**0.31**	**0.34**	**0.34**	**0.29**	**0.9**	< 0.56	**0.25**	**0.29**	**0.29**	< 0.62	**0.43**	**0.23**	**0.32**	--	--	--

NOTES
--: Sample not collected
NA: Not Applicable
Chemical concentrations detected above laboratory reporting limits are shown in **bold**.
CPS apply to soils in the 0-6 feet below ground surface depth interval

Table 4
ABB-Wickliffe, OH
Former RCRA Pad - RCRA Closure Plan
Summary of PCBs in Soil

CHEMICAL OF CONCERN	CPS STANDARD	UNITS	MW-08 0-2' 12/17/2019	MW-09 0-2' 12/18/2019	MW-10 0-2' 12/17/2019	MW-11 0-2' 12/17/2019	MW-12 0-2' 12/18/2019	MW-13 0-2' 1/27/2020	MW-14 0-2' 1/27/2020	SB-19 0-2' (dup) 12/16/2019	SB-19 0-2' 12/16/2019	SB-19 5-7' 12/16/2019	SB-20 0-2' 12/16/2019	SB-20 4-6' 12/16/2019	SB-21 0-2' 12/16/2019	SB-21 2-4' 12/16/2019	SB-22 0-2' (dup) 12/17/2019	SB-22 0-2' 12/17/2019	SB-23 0-2' 12/16/2019	SB-23 4-6' 12/16/2019
Aroclor-1016	51,000	ug/kg	< 55	< 66	< 59	< 56	< 58	< 64	< 62	< 55	< 55	< 59	< 61	< 63	< 54	< 54	< 56	< 52	< 55	< 62
Aroclor-1221	7,800	ug/kg	< 55	< 66	< 59	< 56	< 58	< 64	< 62	< 55	< 55	< 59	< 61	< 63	< 54	< 54	< 56	< 52	< 55	< 62
Aroclor-1232	2,400	ug/kg	< 55	< 66	< 59	< 56	< 58	< 64	< 62	< 55	< 55	< 59	< 61	< 63	< 54	< 54	< 56	< 52	< 55	< 62
Aroclor-1242	9,500	ug/kg	< 55	< 66	< 59	< 56	< 58	< 64	< 62	< 55	< 55	< 59	< 61	< 63	< 54	< 54	< 56	< 52	< 55	< 62
Aroclor-1248	9,400	ug/kg	< 55	< 66	< 59	< 56	< 58	< 64	< 62	< 55	< 55	< 59	< 61	< 63	< 54	< 54	< 56	< 52	< 55	< 62
Aroclor-1254	9,700	ug/kg	< 55	< 66	< 59	< 56	**31**	< 64	< 62	< 55	< 55	< 59	< 61	< 63	**49**	< 54	< 56	< 52	< 55	< 62
Aroclor-1260	9,900	ug/kg	< 55	< 66	< 59	< 56	< 58	< 64	< 62	< 55	< 55	< 59	< 61	< 63	< 54	< 54	< 56	< 52	**100**	< 62

CHEMICAL OF CONCERN	CPS STANDARD	UNITS	SB-24 0-2' 12/16/2019	SB-24 6-8' 12/16/2019	SB-25 0-2' 12/17/2019	SB-26 0-2' 12/16/2019	SB-26 4-6' 12/16/2019	SB-27 0-2' 12/16/2019	SB-28 0-2' 12/16/2019	SB-29 0-2' 12/16/2019	SB-30 0-2' 12/16/2019	SB-32 0-2 12/16/2019	SB-33 0-2' 12/19/2019
Aroclor-1016	51,000	ug/kg	< 580	< 60	< 62	< 59	< 65	< 56	< 55	< 57	< 69	< 63	< 71
Aroclor-1221	7,800	ug/kg	< 580	< 60	< 62	< 59	< 65	< 56	< 55	< 57	< 69	< 63	< 71
Aroclor-1232	2,400	ug/kg	< 580	< 60	< 62	< 59	< 65	< 56	< 55	< 57	< 69	< 63	< 71
Aroclor-1242	9,500	ug/kg	< 580	< 60	< 62	< 59	< 65	< 56	< 55	< 57	< 69	< 63	< 71
Aroclor-1248	9,400	ug/kg	< 580	< 60	< 62	< 59	< 65	< 56	< 55	< 57	< 69	< 63	< 71
Aroclor-1254	9,700	ug/kg	< 580	< 60	< 62	< 59	< 65	< 56	< 55	< 57	< 69	< 63	< 71
Aroclor-1260	9,900	ug/kg	< 580	< 60	< 62	< 59	< 65	< 56	< 55	< 57	< 69	< 63	< 71

NOTES
--: Sample not collected
NA: Not Applicable
Chemical concentrations detected above laboratory reporting limits are shown in **bold**.
CPS apply to soils in the 0-6 feet below ground surface depth interval

Table 5
ABB-Wickliffe, OH
Former RCRA Pad - RCRA Closure Plan
Summary of COCs in Groundwater

SAMPLE DATE	UNITS	AMW-10 1/30/2020	AMW-11 1/29/2020	MW-01 1/30/2020	MW-02 1/30/2020	MW-03 1/28/2020	MW-04 1/30/2020	MW-05 1/29/2020	MW-05 1/29/2020	MW-07 1/30/2020	MW-08 1/29/2020	MW-09 1/28/2020	MW-10 1/28/2020	MW-11 1/28/2020	MW-12 1/29/2020	MW-13 1/30/2020	MW-14 1/30/2020
Chromium	ug/L	< 5.0	**8.8**	< 5.0	**12**	**2.2**	< 5.0	**2.4**	**2.5**	**11**	**6.6**	**5.3**	**2.2**	**10**	**130**	< 5.0	< 5.0
Chromium, hexavalent	ug/L	< 20	--	< 20	< 530	< 20	< 20	< 20	< 20	< 20	< 20	< 20	< 20	< 100	< 20	< 20	< 20
4-Methyl-2-pentanone	ug/L	< 2000	< 10	< 10	< 10	< 2000	< 10	< 67	< 67	< 3300	< 10	< 500	< 33	< 10	< 1000	< 10	< 10
Acetone	ug/L	< 2000	< 10	< 10	< 10	< 2000	< 10	< 67	< 67	< 3300	**8.3**	< 500	< 33	< 10	< 1000	< 10	< 10
Benzene	ug/L	< 200	< 1.0	< 1.0	< 1.0	< 200	< 1.0	< 6.7	< 6.7	< 330	< 1.0	< 50	< 3.3	< 1.0	< 100	< 1.0	< 1.0
Bromodichloromethane	ug/L	< 200	< 1.0	< 1.0	< 1.0	< 200	< 1.0	< 6.7	< 6.7	< 330	< 1.0	< 50	< 3.3	< 1.0	< 100	< 1.0	< 1.0
Bromoform	ug/L	< 200	< 1.0	< 1.0	< 1.0	< 200	< 1.0	< 6.7	< 6.7	< 330	< 1.0	< 50	< 3.3	< 1.0	< 100	< 1.0	< 1.0
Bromomethane	ug/L	< 200	< 1.0	< 1.0	< 1.0	< 200	< 1.0	< 6.7	< 6.7	< 330	< 1.0	< 50	< 3.3	< 1.0	< 100	< 1.0	< 1.0
2-Butanone	ug/L	< 2000	< 10	< 10	< 10	< 2000	< 10	< 67	< 67	< 3300	< 10	< 500	< 33	< 10	< 1000	< 10	< 10
Carbon disulfide	ug/L	< 200	< 1.0	< 1.0	< 1.0	< 200	< 1.0	< 6.7	< 6.7	< 330	< 1.0	< 50	< 3.3	< 1.0	< 100	< 1.0	< 1.0
Carbon tetrachloride	ug/L	< 200	< 1.0	< 1.0	< 1.0	< 200	< 1.0	< 6.7	< 6.7	< 330	< 1.0	< 50	< 3.3	< 1.0	< 100	< 1.0	< 1.0
Chlorobenzene	ug/L	< 200	< 1.0	< 1.0	< 1.0	< 200	< 1.0	< 6.7	< 6.7	< 330	< 1.0	< 50	< 3.3	< 1.0	< 100	< 1.0	< 1.0
Chloroethane	ug/L	< 200	< 1.0	< 1.0	< 1.0	< 200	< 1.0	< 6.7	< 6.7	< 330	< 1.0	**150**	< 3.3	< 1.0	< 100	< 1.0	< 1.0
Chloroform	ug/L	< 200	< 1.0	< 1.0	< 1.0	< 200	< 1.0	< 6.7	< 6.7	< 330	< 1.0	< 50	< 3.3	< 1.0	< 100	< 1.0	< 1.0
Chloromethane	ug/L	< 200	< 1.0	< 1.0	< 1.0	< 200	< 1.0	< 6.7	< 6.7	< 330	< 1.0	< 50	< 3.3	< 1.0	< 100	< 1.0	< 1.0
1,2-Dibromo-3-chloropropane	ug/L	< 400	< 2.0	< 2.0	< 2.0	< 400	< 2.0	< 13	< 13	< 670	< 2.0	< 100	< 6.7	< 2.0	< 200	< 2.0	< 2.0
1,2-Dibromoethane	ug/L	< 200	< 1.0	< 1.0	< 1.0	< 200	< 1.0	< 6.7	< 6.7	< 330	< 1.0	< 50	< 3.3	< 1.0	< 100	< 1.0	< 1.0
Dibromochloromethane	ug/L	< 200	< 1.0	< 1.0	< 1.0	< 200	< 1.0	< 6.7	< 6.7	< 330	< 1.0	< 50	< 3.3	< 1.0	< 100	< 1.0	< 1.0
Dichlorodifluoromethane	ug/L	< 200	< 1.0	< 1.0	< 1.0	< 200	< 1.0	< 6.7	< 6.7	< 330	< 1.0	< 50	< 3.3	< 1.0	< 100	< 1.0	< 1.0
1,2-Dichlorobenzene	ug/L	< 200	< 1.0	< 1.0	< 1.0	< 200	< 1.0	< 6.7	< 6.7	< 330	< 1.0	< 50	< 3.3	< 1.0	< 100	< 1.0	< 1.0
1,2-Dichloroethane	ug/L	< 200	< 1.0	< 1.0	< 1.0	< 200	< 1.0	< 6.7	< 6.7	< 330	< 1.0	< 50	< 3.3	< 1.0	< 100	< 1.0	< 1.0
1,2-Dichloropropane	ug/L	< 200	< 1.0	< 1.0	< 1.0	< 200	< 1.0	< 6.7	< 6.7	< 330	< 1.0	< 50	< 3.3	< 1.0	< 100	< 1.0	< 1.0
1,3-Dichlorobenzene	ug/L	< 200	< 1.0	< 1.0	< 1.0	< 200	< 1.0	< 6.7	< 6.7	< 330	< 1.0	< 50	< 3.3	< 1.0	< 100	< 1.0	< 1.0
1,4-Dichlorobenzene	ug/L	< 200	< 1.0	< 1.0	< 1.0	< 200	< 1.0	< 6.7	< 6.7	< 330	< 1.0	< 50	< 3.3	< 1.0	< 100	< 1.0	< 1.0
1,1-Dichloroethane	ug/L	**3,400**	**9.8**	**0.86**	**3.2**	**3,700**	< 1.0	**120**	**120**	**8,800**	**0.98**	**700**	**71**	**3.7**	**1,500**	**0.19**	**0.42**
1,1-Dichloroethene	ug/L	< 200	< 1.0	< 1.0	< 1.0	< 200	< 1.0	**14**	**15**	< 330	< 1.0	< 50	**4.5**	**0.42**	< 100	< 1.0	< 1.0
cis-1,2-Dichloroethene	ug/L	< 200	**1.2**	< 1.0	< 1.0	< 200	< 1.0	< 6.7	< 6.7	**90**	< 1.0	< 50	< 3.3	< 1.0	< 100	< 1.0	< 1.0
trans-1,2-Dichloroethene	ug/L	< 200	**0.66**	< 1.0	< 1.0	< 200	< 1.0	< 6.7	< 6.7	< 330	< 1.0	< 50	< 3.3	< 1.0	< 100	< 1.0	< 1.0
cis-1,3-Dichloropropene	ug/L	< 200	< 1.0	< 1.0	< 1.0	< 200	< 1.0	< 6.7	< 6.7	< 330	< 1.0	< 50	< 3.3	< 1.0	< 100	< 1.0	< 1.0
trans-1,3-Dichloropropene	ug/L	< 200	< 1.0	< 1.0	< 1.0	< 200	< 1.0	< 6.7	< 6.7	< 330	< 1.0	< 50	< 3.3	< 1.0	< 100	< 1.0	< 1.0
1,4-Dioxane	ug/L	**190**	**4.2**	< 2.0	< 2.0	**95**	**52**	**31**	**33**	**590**	**51**	**19**	**79**	**280**	**66**	< 2.0	< 2.0
Ethylbenzene	ug/L	< 200	< 1.0	< 1.0	< 1.0	< 200	< 1.0	< 6.7	< 6.7	< 330	< 1.0	< 50	< 3.3	< 1.0	< 100	< 1.0	< 1.0
Isopropylbenzene (Cumene)	ug/L	< 200	< 1.0	< 1.0	< 1.0	< 200	< 1.0	< 6.7	< 6.7	< 330	< 1.0	< 50	< 3.3	< 1.0	< 100	< 1.0	< 1.0
2-Hexanone	ug/L	< 2000	< 10	< 10	< 10	< 2000	< 10	< 67	< 67	< 3300	< 10	< 500	< 33	< 10	< 1000	< 10	< 10
Methyl tert-butyl ether (MTBE)	ug/L	< 200	< 1.0	< 1.0	< 1.0	< 200	< 1.0	< 6.7	< 6.7	< 330	< 1.0	< 50	< 3.3	< 1.0	< 100	< 1.0	< 1.0
Methylene chloride	ug/L	< 1000	< 5.0	< 5.0	< 5.0	< 1000	< 5.0	< 33	< 33	< 1700	< 5.0	< 250	< 17	< 5.0	< 500	< 5.0	< 5.0
Naphthalene	ug/L	< 200	--	< 1.0	< 1.0	--	< 1.0	--	--	< 330	--	--	--	--	--	< 1.0	< 1.0
Styrene	ug/L	< 200	< 1.0	< 1.0	< 1.0	< 200	< 1.0	< 6.7	< 6.7	< 330	< 1.0	< 50	< 3.3	< 1.0	< 100	< 1.0	< 1.0
1,1,2,2-Tetrachloroethane	ug/L	< 200	< 1.0	< 1.0	< 1.0	< 200	< 1.0	< 6.7	< 6.7	< 330	< 1.0	< 50	< 3.3	< 1.0	< 100	< 1.0	< 1.0
Tetrachloroethene	ug/L	< 200	**0.83**	< 1.0	< 1.0	< 200	< 1.0	< 6.7	< 6.7	< 330	< 1.0	< 50	< 3.3	< 1.0	< 100	< 1.0	< 1.0
Toluene	ug/L	< 200	< 1.0	< 1.0	< 1.0	< 200	< 1.0	< 6.7	< 6.7	**59**	< 1.0	< 50	< 3.3	< 1.0	< 100	< 1.0	**0.31**
1,2,4-Trichlorobenzene	ug/L	< 200	< 1.0	< 1.0	< 1.0	< 200	< 1.0	< 6.7	< 6.7	< 330	< 1.0	< 50	< 3.3	< 1.0	< 100	< 1.0	< 1.0
1,1,1-Trichloroethane	ug/L	< 200	**0.49**	< 1.0	< 1.0	< 200	< 1.0	**37**	**39**	**270**	< 1.0	< 50	< 3.3	< 1.0	**47**	< 1.0	< 1.0
1,1,2-Trichloroethane	ug/L	< 200	< 1.0	< 1.0	< 1.0	< 200	< 1.0	**0.7**	**0.8**	< 330	< 1.0	< 50	< 3.3	< 1.0	< 100	**< 1.0**	< 1.0
Trichloroethene	ug/L	< 200	**3.4**	< 1.0	< 1.0	< 200	< 1.0	**0.68**	**0.74**	< 330	< 1.0	< 50	< 3.3	< 1.0	< 100	< 1.0	< 1.0
Trichlorofluoromethane	ug/L	< 200	< 1.0	< 1.0	< 1.0	< 200	< 1.0	< 6.7	< 6.7	< 330	< 1.0	< 50	< 3.3	< 1.0	< 100	< 1.0	< 1.0
Vinyl chloride	ug/L	< 200	< 1.0	< 1.0	< 1.0	< 200	< 1.0	< 6.7	< 6.7	< 330	< 1.0	< 50	**0.89**	< 1.0	< 100	< 1.0	< 1.0
Xylenes, total	ug/L	< 400	< 2.0	< 2.0	< 2.0	< 400	< 2.0	< 13	< 13	< 670	< 2.0	< 100	< 6.7	< 2.0	< 200	< 2.0	< 2.0

NOTES

--: Not Applicable / Not Detected

Bold = detected analyte

Table 6
ABB-Wickliffe, OH
Former RCRA Pad - RCRA Closure Plan
Summary of TCLP Waste Characterization Data

CHEMICAL NAME	RCRA REGULATORY LEVEL	UNITS	WCA01-01 2/24/2021	WCA02-01 2/25/2021	WCA02-02 2/25/2021	WCA03-01 2/25/2021	WCA04-01 2/25/2021
Flashpoint	<140	deg F	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00
Cyanide	250	mg/kg	< 0.78	< 0.70	< 0.63	< 0.61	< 0.58
Hydrogen sulfide	500	mg/kg	< 41	< 39	< 38	< 35	< 36
Sulfide	500	mg/kg	< 41	< 39	< 38	< 35	< 36
pH	<2 or >12.5	su	**6.5**	**4.9**	**4.7**	**5.2**	**6.3**
Arsenic	5.0	mg/L	**0.0084**	**0.006**	< 0.050	**0.0091**	**0.007**
Barium	100	mg/L	< 0.095 U	**0.31**	**0.099**	**0.26**	**0.081**
Cadmium	1.0	mg/L	< 0.050	< 0.050	< 0.050	< 0.050	**0.0015**
Chromium	5.0	mg/L	**0.0015**	**0.0011**	**0.0014**	< 0.050 U	**0.0026**
Lead	5.0	mg/L	**0.0072**	**0.0047**	**0.0072**	**0.0061**	**0.01**
Selenium	1.0	mg/L	< 0.050	< 0.050	**0.0072**	< 0.050	< 0.050
Silver	5.0	mg/L	< 0.050	< 0.050	< 0.050	< 0.050	< 0.050
Mercury	0.2	mg/L	< 0.0020	< 0.0020	< 0.0020	< 0.0020	< 0.0020
Benzene	0.5	mg/L	< 0.025	< 0.025	**0.03**	< 0.025	< 0.025
2-Butanone	200	mg/L	< 0.25	< 0.25	**0.42**	< 0.25	< 0.25
Carbon tetrachloride	0.5	mg/L	< 0.025	< 0.025	< 0.025	< 0.025	< 0.025
Chlorobenzene	100	mg/L	< 0.025	< 0.025	< 0.025	< 0.025	< 0.025
Chloroform	6	mg/L	< 0.025	< 0.025	< 0.025	< 0.025	< 0.025
1,1-Dichloroethene	0.7	mg/L	< 0.025	< 0.025	0.008	< 0.025	< 0.025
1,2-Dichloroethane	0.5	mg/L	< 0.025	< 0.025	< 0.025	< 0.025	< 0.025
Tetrachloroethene	0.7	mg/L	< 0.025	< 0.025	< 0.025	**0.031**	< 0.025
Trichloroethene	**0.5**	mg/L	< 0.025	< 0.025	**0.077**	**0.095**	< 0.025
Vinyl chloride	0.2	mg/L	< 0.025	< 0.025	< 0.025	< 0.025	< 0.025

Table 7
ABB-Wickliffe, OH
Former RCRA Pad - RCRA Closure Plan
Leaching Evaluation - Comparison of SPLP Data to Total VOC Concentrations

0-2 FEET-BGS

CHEMICAL NAME	RSL - IND	GW PROTECTION	UNITS	SB-41 (0-2)	SB-42 (0-2)	SB-43 (0-2)	SB-44 (0-2)	SB-45 (0-2)	SB-47 (0-2)	SB-48 (0-2)	SB-49 (0-2)	SB-51 (0-2)	SB-52 (0-2)	SB-54 (0-2)
1,1-Dichloroethane	160,000	1,901	ug/kg	**400**	**68**	**9.1**	**6.9**	< 250	**0.43**	**1.8**	**940**	< 320	**190**	**970**
1,1-Dichloroethene	1,000,000	5,948	ug/kg	< 270	**120**	< 3.5	< 4.8	< 250	< 2.8	< 6.3	**180**	< 320	< 260	**8,600**
Tetrachloroethene	390,000	2,200	ug/kg	**110**	**510**	**18**	< 4.8	**2,500**	< 2.8	< 6.3	< 270	**730**	< 260	< 650
1,1,1-Trichloroethane	36,000,000	217,320	ug/kg	**430**	< 260	**2.9**	< 4.8	**210**	< 2.8	< 6.3	< 270	**260**	**680**	**22,000**
1,1,2-Trichloroethane	6,300	169	ug/kg	< 270	< 260	< 3.5	< 4.8	< 250	< 2.8	< 6.3	< 270	< 320	< 260	< 650
Trichloroethene	19,000	156	ug/kg	< 270	< 260	**2.2**	**1.6**	< 250	**1.5**	**0.98**	< 270	< 320	< 260	**810**
Vinyl chloride	17,000	168	ug/kg	< 270	< 260	< 3.5	**2.9**	< 250	< 2.8	< 6.3	**430**	< 320	< 260	< 650

2-4 FEET-BGS

CHEMICAL NAME	RSL - IND	GW PROTECTION	UNITS	SB-41 (2-4)	SB-42 (2-4)	SB-43 (2-4)	SB-44 (2-4)	SB-45 (2-4)	SB-47 (2-4)	SB-48 (2-4)	SB-49 (2-4)	SB-51 (2-4)	SB-52 (2-4)	SB-54 (2-4)
1,1-Dichloroethane	160,000	1,901	ug/kg	**620**	**620**	**1,800**	**720**	**390**	**1.5**	**69**	**4,600**	**6.5**	**57**	**1,200**
1,1-Dichloroethene	1,000,000	5,948	ug/kg	< 350	**2,900**	**540**	590	< 320	< 4.7	**55**	**17,000**	**3.8**	**7**	**14,000**
Tetrachloroethene	390,000	2,200	ug/kg	< 350	**4,900**	**470**	< 270	< 320	< 4.7	< 5.1	< 1400	**36**	< 5.4	< 850
1,1,1-Trichloroethane	36,000,000	217,320	ug/kg	**190**	**280**	**370**	**200**	< 320	< 4.7	< 5.1	**1,900**	**5.1**	**130**	**35,000**
1,1,2-Trichloroethane	6,300	169	ug/kg	< 350	< 290	< 340	< 270	< 320	< 4.7	< 5.1	**2,500**	< 5.0	< 5.4	< 850
Trichloroethene	19,000	156	ug/kg	< 350	**760**	**720**	**460**	< 320	< 4.7	< 5.1	**9,700**	**11**	< 5.4	**1,100**
Vinyl chloride	17,000	168	ug/kg	< 350	< 290	< 340	**400**	< 320	< 4.7	**7.9**	**1,300**	< 5.0	< 5.4	< 850

4-6 FEET-BGS

CHEMICAL NAME	RSL - IND	GW PROTECTION	UNITS	SB-41 (4-6)	SB-42 (4-6)	SB-43 (4-6)	SB-44 (4-6)	SB-45 (4-6)	SB-47 (4-6)	SB-48 (4-6)	SB-49 (4-6)	SB-51 (4-6)	SB-52 (4-6)	SB-54 (4-6)
1,1-Dichloroethane	160,000	1,901	ug/kg	**810**	**16,000**	**5,900**	**720**	**860**	**120**	**680**	**1,900**	< 340	**1,100**	**1,200**
1,1-Dichloroethene	1,000,000	5,948	ug/kg	**230**	**11,000**	**3,300**	590	**310**	**210**	**1,300**	**5,600**	< 340	**1,400**	**20,000**
Tetrachloroethene	390,000	2,200	ug/kg	< 290	**140,000**	**950**	< 270	< 250	< 5.1	< 300	< 250	**750**	< 340	< 1100
1,1,1-Trichloroethane	36,000,000	217,320	ug/kg	**210**	**160,000**	**22,000**	**200**	**150**	**200**	**270**	**170**	< 340	**110**	**110,000**
1,1,2-Trichloroethane	6,300	169	ug/kg	< 290	< 5800	**220**	< 270	< 250	< 5.1	< 300	**900**	< 340	< 340	< 1100
Trichloroethene	19,000	156	ug/kg	< 290	**6,700**	**5,900**	**460**	< 250	< 5.1	< 300	**1,400**	**270**	< 340	**3,000**
Vinyl chloride	17,000	168	ug/kg	< 290	< 5800	< 840	**400**	< 250	**4.4**	< 300	**510**	< 340	< 340	< 1100

6-8 FEET-BGS

CHEMICAL NAME	RSL - IND	GW PROTECTION	UNITS	SB-43 (6-8)	SB-49 (6-8)
1,1-Dichloroethane	160,000	1,901	ug/kg	**140,000**	**6,800**
1,1-Dichloroethene	1,000,000	5,948	ug/kg	**2,900**	**68,000**
Tetrachloroethene	390,000	2,200	ug/kg	**71,000**	< 4600
1,1,1-Trichloroethane	36,000,000	217,320	ug/kg	**51,000**	**270,000**
1,1,2-Trichloroethane	6,300	169	ug/kg	< 4800	**3,700**
Trichloroethene	19,000	156	ug/kg	< 4800	**10,000**
Vinyl chloride	17,000	168	ug/kg	< 4800	< 4600

SPLP

CHEMICAL NAME	ABB VISL CALC SOST SPLP	UNITS	SB-41 2/25/2021	SB-42 2/25/2021	SB-43 2/25/2021	SB-44 2/26/2021	SB-45 2/25/2021	SB-47 2/25/2021	SB-48 2/24/2021	SB-49 2/24/2021	SB-51 2/26/2021	SB-52 2/24/2021	SB-54 2/26/2021
1,1-Dichloroethane	**334**	ug/L	**9.5**	**370**	**640**	**1.9**	**4.6**	< 1.0	**6.1**	**46**	< 1.0	**1.3**	**15**
1,1-Dichloroethene	821	ug/L	**1.8**	**7.8**	< 20	**0.37**	**0.78**	< 1.0	**8.2**	**130**	< 1.0	**0.61**	**19**
Tetrachloroethene	**242**	ug/L	**1.1**	**110**	**200**	**0.48**	**0.39**	< 1.0	< 1.0	**0.91**	**2.1**	< 1.0	< 25
1,1,1-Trichloroethane	31,000	ug/L	**8.7**	**240**	**230**	**8.7**	**3.7**	< 1.0	**31**	**860**	**0.24**	**2.1**	**640**
1,1,2-Trichloroethane	26	ug/L	< 1.0	< 13	< 20	< 1.0	< 1.0	< 1.0	< 1.0	< 5.0	< 1.0	< 1.0	< 25
Trichloroethene	**22**	ug/L	**1.2**	**51**	**34**	**130**	**0.75**	< 1.0	**2.4**	**170**	**0.62**	< 1.0	**50**
Vinyl chloride	25	ug/L	< 1.0	< 13	< 20	< 1.0	< 1.0	< 1.0	< 1.0	< 5.0	< 1.0	< 1.0	< 25

Strong blue border indicates concentration exceeds the Closure Performance Standard.

Blue shading indicates concentration exceeds the calculated groundwater standard for VI

Table 8
Former ABB-Wickliffe, OH
Former RCRA Pad - RCRA Closure Plan
Closure Performance Standards

Anayltical Method	Chemical of Concern [1]	Units	RSL_{ind} [2] (Direct Contact)	Protection of Groundwater [3]	Closure Performance Standard
SW6010B	Arsenic	mg/kg	30	--	30
SW6010B	Barium	mg/kg	220,000	--	220,000
SW6010B	Cadmium	mg/kg	980	--	980
SW6010B	Chromium	mg/kg	180,000	--	180,000
SW6010B	Chromium, hexavalent	mg/kg	63	--	63
SW6010B	Lead	mg/kg	800	--	800
SW6010B	Selenium	mg/kg	5,800	--	5,800
SW6010B	Silver	mg/kg	5,800	--	5,800
SW7471A	Mercury	mg/kg	46	--	46
SW8260B	1,1,1-Trichloroethane	ug/kg	36,000,000	217,320	217,320
SW8260B	1,1,2-Trichloroethane	ug/kg	6,300	169	169
SW8260B	1,2,4-Trimethylbenzene	ug/kg	1,800,000	30,000	30,000
SW8260B	1,3,5-Trimethylbenzene	ug/kg	1,500,000	42,000	42,000
SW8260B	1,1-Dichloroethane	ug/kg	160,000	1,901	1,901
SW8260B	1,1-Dichloroethene	ug/kg	1,000,000	5,948	5,948
SW8260B	1,2-Dibromo-3-chloropropane	ug/kg	640	30	30
SW8260B	1,2-Dichlorobenzene	ug/kg	9,300,000	217,000	217,000
SW8260B	1,2-Dichloroethane	ug/kg	20,000	556	556
SW8260B	1,4-Dioxane	ug/kg	240,000	514,000	240,000
SW8260B	2-Butanone	ug/kg	190,000,000	39,400,000	39,400,000
SW8260B	4-Methyl-2-pentanone	ug/kg	140,000,000	10,600,000	10,600,000
SW8260B	Acetone	ug/kg	1,050,000,000	388,000,000	388,000,000
SW8260B	Benzene	ug/kg	51,000	721	721
SW8260B	Bromochloromethane	ug/kg	628,000	14,700	14,700
SW8260B	Bromomethane	ug/kg	30,000	369	369
SW8260B	Carbon disulfide	ug/kg	3,500,000	30,900	30,900
SW8260B	Carbon tetrachloride	ug/kg	29,000	140	140
SW8260B	Chloroethane (ethyl chloride)	ug/kg	22,700,000	548,000	548,000
SW8260B	Chloroform	ug/kg	14,000	197	197
SW8260B	Chloromethane	ug/kg	460,000	5,630	5,630
SW8260B	cis-1,2-Dichloroethene	ug/kg	2,300,000	--	2,300,000
SW8260B	Ethylbenzene	ug/kg	250,000	3,430	3,430
SW8260B	Hexane	ug/kg	2,500,000	5,900	5,900
SW8260B	Isopropylbenzene (Cumene)	ug/kg	9,900,000	122,000	122,000
SW8260B	4-Isopropyltoluene (p-Cymene)	ug/kg	--	--	--
SW8260B	Methylene chloride	ug/kg	3,200,000	101,000	101,000

NOTES

--: Not Applicable/Available

CPS apply to soils in the 0-6 feet below ground surface depth interval

[1] Chemicals of Concern (COCs) presented are analytes that were detected at least once.

[2] Risk-based screening values for direct contact with soil assuming industrial end-use and based on Excess Lifetime Cancer Risk (ELCR) = 1E-05 and Hazard Quotient (HQ) = 1. [USEPA Regional Screening Level (RSL) Summary Table, November 2021.]

[3] Protection of Ground Water screening levels for COCs are based on vapor intrusion of volatiles from ground water to overlying indoor air for industrial/commercial end-use and assumes a Dilution Attenuation Factor (DAF) of 20. [USEPA Vapor Intrusion Screening Level (VISL) Calculator]

Table 8
Former ABB-Wickliffe, OH
Former RCRA Pad - RCRA Closure Plan
Closure Performance Standards

Anayltical Method	Chemical of Concern [1]	Units	RSL_{ind} [2] (Direct Contact)	Protection of Groundwater [3]	Closure Performance Standard
SW8260B	n-Butylbenzene	ug/kg	58,000,000	--	58,000,000
SW8260B	n-Propylbenzene	ug/kg	24,000,000	379,000	379,000
SW8260B	sec-Butylbenzene	ug/kg	120,000,000	--	120,000,000
SW8260B	Tetrachloroethene	ug/kg	390,000	2,200	2,200
SW8260B	Toluene	ug/kg	47,000,000	1,100,000	1,100,000
SW8260B	trans-1,2-Dichloroethene	ug/kg	302,000	2,870	2,870
SW8260B	Trichloroethene	ug/kg	19,000	156	156
SW8260B	Vinyl chloride	ug/kg	17,000	168	168
SW8260B	Xylenes, total	ug/kg	2,500,000	31,900	31,900
SW8270C	Acenaphthene	ug/kg	45,000,000	--	45,000,000
SW8270C	Acenaphthylene	ug/kg	--	--	--
SW8270C	Anthracene	ug/kg	230,000,000	--	230,000,000
SW8270C	Benzo(a)anthracene	ug/kg	210,000	29,500,000	210,000
SW8270C	Benzo(a)pyrene	ug/kg	21,000	--	21,000
SW8270C	Benzo(b)fluoranthene	ug/kg	210,000	--	210,000
SW8270C	Benzo(g,h,i)perylene	ug/kg	--	--	--
SW8270C	Benzo(k)fluoranthene	ug/kg	2,100,000	--	2,100,000
SW8270C	Chrysene	ug/kg	21,000,000	--	21,000,000
SW8270C	Dibenz(a,h)anthracene	ug/kg	21,000	--	21,000
SW8270C	Fluoranthene	ug/kg	30,000,000	--	30,000,000
SW8270C	Fluorene	ug/kg	30,000,000	--	30,000,000
SW8270C	Indeno(1,2,3-cd)pyrene	ug/kg	210,000	--	210,000
SW8270C	Naphthalene	ug/kg	85,700	12,900	12,900
SW8270C	Phenanthrene	ug/kg	--	--	--
SW8270C	Pyrene	ug/kg	23,000,000	--	23,000,000
SW9012A	Cyanide	mg/kg	150	--	150
SW8082	Aroclor-1016	ug/kg	51,000	1,434,000	51,000
SW8082	Aroclor-1221	ug/kg	8,300	7,800	7,800
SW8082	Aroclor-1232	ug/kg	7,200	2,400	2,400
SW8082	Aroclor-1242	ug/kg	9,500	47,900	9,500
SW8082	Aroclor-1248	ug/kg	9,400	36,500	9,400
SW8082	Aroclor-1254	ug/kg	9,700	96,600	9,700
SW8082	Aroclor-1260	ug/kg	9,900	218,000	9,900

NOTES

--: Not Applicable/Available

CPS apply to soils in the 0-6 feet below ground surface depth interval

[1] Chemicals of Concern (COCs) presented are analytes that were detected at least once.

[2] Risk-based screening values for direct contact with soil assuming industrial end-use and based on Excess Lifetime Cancer Risk (ELCR) = 1E-05 and Hazard Quotient (HQ) = 1. [USEPA Regional Screening Level (RSL) Summary Table, November 2021.]

[3] Protection of Ground Water screening levels for COCs are based on vapor intrusion of volatiles from ground water to overlying indoor air for industrial/commercial end-use and assumes a Dilution Attenuation Factor (DAF) of 20. [USEPA Vapor Intrusion Screening Level (VISL) Calculator]

Table 9
Former ABB-Wickliffe, OH
Former RCRA Pad - RCRA Closure Plan
Summary of Planned Remedial Activities

AFFECTED MEDIA	POINT OF COMPLIANCE	REMEDY
Concrete Pad	Horizontal POC is the Unit Boundary/Treatment Area boundary. The concrete is approximately six to eight-inches thick.	Scarification / Excavation and Disposal
Soil	Due to commingled COCs from sources adjacent and outside the Units, the horizontal POC is the Unit Boundary/Treatment Area boundary. The vertical limits of the excavation are six feet-bgs unless otherwise noted[(1)].	Excavation and Disposal
Groundwater	Groundwater is present at the former RCRA Unit at approximately six feet-bgs. Groundwater will be assessed and remedied as needed under the Ohio VAP.	

Summary of Proposed Excavation and Disposal

AREA	DESCRIPTION/DIMENSIONS L feet	W feet	D feet	SOIL VOL. (in place) yd3	VOL.[(2)] (excavated) yd3	MASS [(3)] tons	CONCRETE AREA ft^2	VOL. (in place) yd3	MASS [(4)] tons
Area 1	Irregularly shaped polygon approx. 45-ft by 35-ft by 6-ft			256	358	451	1,150	43	86
Area 2	Irregularly shaped polygon approx. 50-ft by 15-ft by 6-ft			100	140	176	450	17	34
SubArea 2A	15	10	6	33	47	59	150	6	11
Area 3	Irregularly shaped polygon approx. 45-ft by 35-ft by 6-ft			135	189	238	875	32	66
SubArea 3A	20	20	10	148	207	261	400	15	30
			Soils meeting LDR subtotal:	491	687	865	3,025	112	227
			Soils exceeding LDR subtotal:	181	254	320	--	--	--
			Totals:	**672**	**941**	**1,185**	**3,025**	**112**	**227**
				yd3	**yd3**	**tons**	**yd3**	**yd3**	**tons**

NOTES

(1) Soils at Area 3a will be excavated to a depth of 10 feet-bgsor top of bedrock, as necessary.

(2) Excavated volume includes fluff factor of: 1.4

(3) Mass calculation based on density of 1.76 (tons per cubic yard)

(4) Mass calculation based on density of 2.03 (tons per cubic yard)

Green shading indicates COC concentrations exceed LDR threshold; soils will be treated at the to meet LDR requirements landfill prior to land disposal.

Figures

Figure 1
Site Location Map

Figure 2
Site Features

Figure 3
Former RCRA Unit Layout and Sample Locations

Figure 4
Groundwater Elevations and Flow Direction (March 24, 2021)

Figure 5
Groundwater Elevations and Flow Direction (July 7, 2021)

Figure 6
Conceptual Site Model

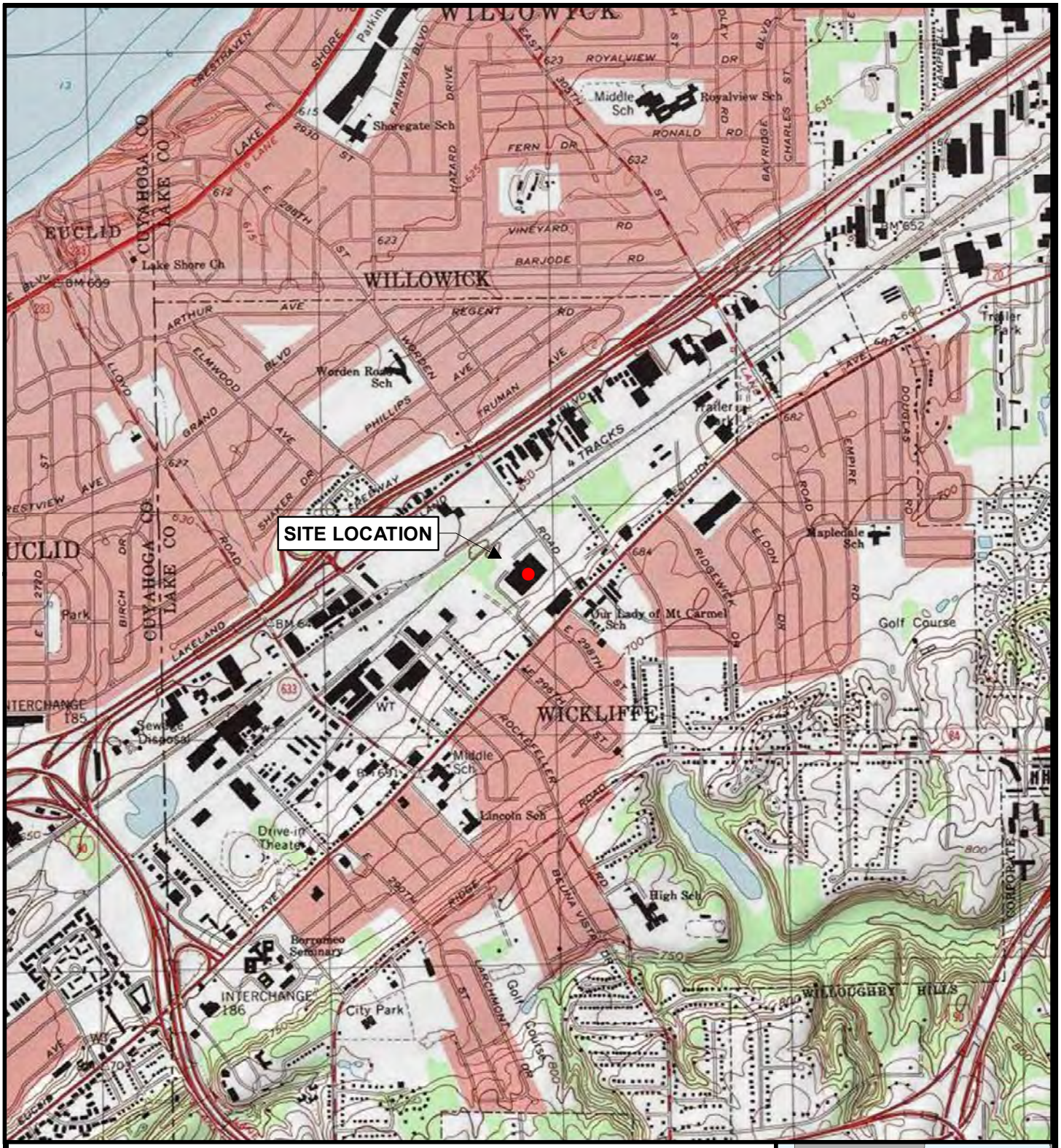
Figure 7
Area 1 – Southwestern Portion of Former RCRA Unit COC Concentrations in Soil

Figure 8
Area 2 – Central Portion of Former RCRA Unit COC Concentrations in Soil

Figure 9
Area 3 – Northeastern Portion of Former RCRA Unit COC Concentrations in Soil

Figure 10
Former RCRA Unit Work Area Layout

Figure 11
Elevation Profile for RCRA Unit and Surrounding Area



BASE MAP FROM ESRI OPEN STREET MAP

NORTH

1 " = 2,000 '
1:24,000

0 2,000 4,000 FEET

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PROJECT:

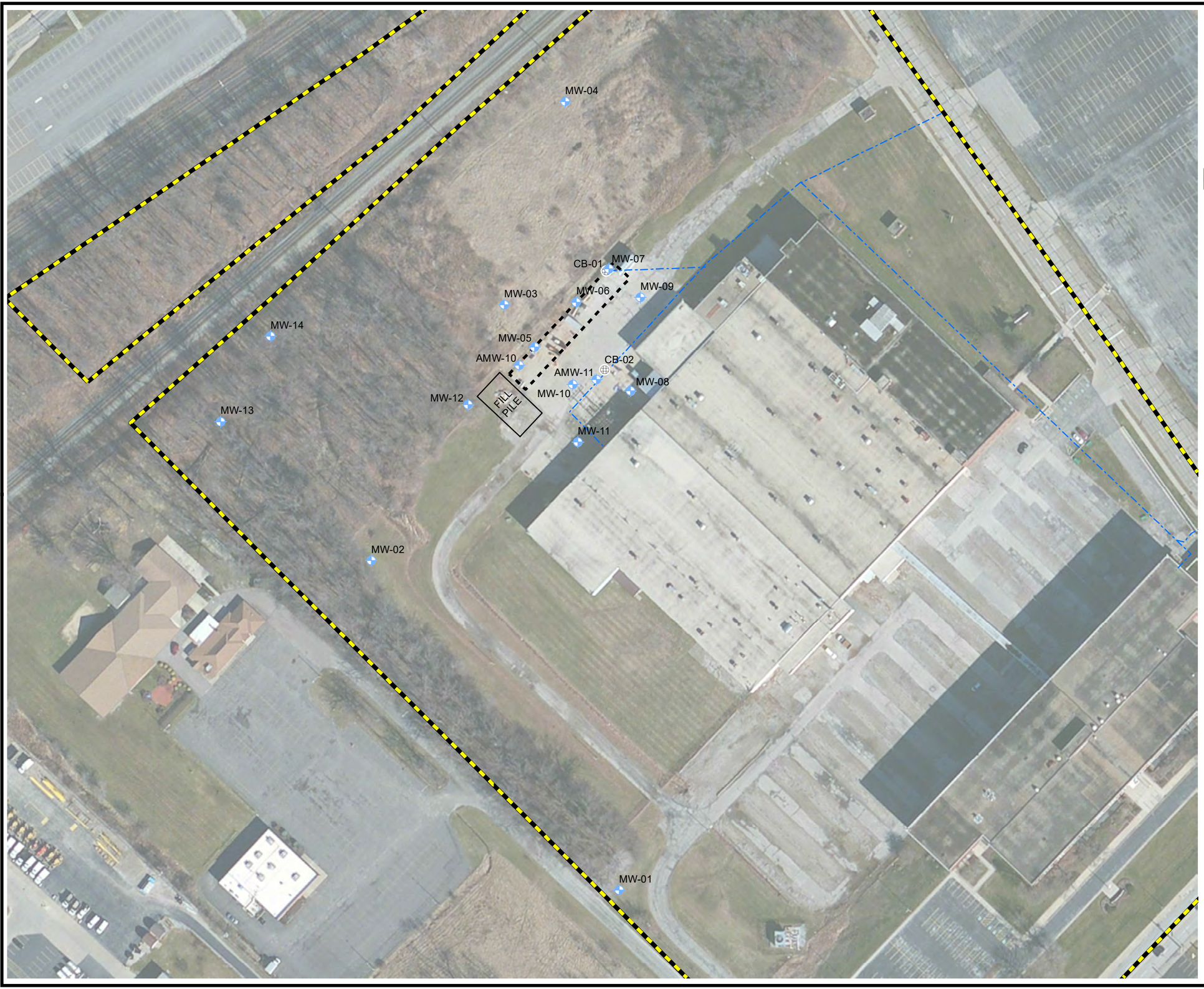
FORMER ABB-WICKLIFFE, OHIO
29801 EUCLID AVE
WICKLIFFE, OHIO 44092

TITLE:

SITE LOCATION MAP

FIGURE 1

S:\1-PROJECTS\CIN\ABB\WickliffeOH\Fig 01 - Site Location.mxd -- Saved By: KFOWLER on 9/2/2021, 14:59:31 PM



LEGEND

- MONITORING WELL
- CATCH BASIN
- APPROXIMATE STORM SEWER LOCATION
- APPROXIMATE LOCATION OF FORMER RCRA UNIT
- APPROXIMATE SITE BOUNDARY

WORKING COPY

N

0 125 250 Feet

1 " = 125 '

1:1,500

PROJECT:

FORMER ABB-WICKLIFFE, OHIO
29801 EUCLID AVE
WICKLIFFE, OHIO 44092

TITLE:

SITE FEATURES

DRAWN BY:	K. FOWLER	PROJ NO.:	303069.2021.P2.T1
CHECKED BY:	D. KREEGER		
APPROVED BY:	D. KREEGER		
DATE:	SEPTEMBER 2021		

FIGURE 2

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FILE NO.: Fig 02 - Site Features & Layout.mxd

Coordinate System: NAD 1983 2011 StatePlane Ohio North FIPS 3401 Ft US (Foot US)
Map Rotation: 0

Plot Date: 9/2/2021, 15:07:38 PM by KFOWLER -- LAYOUT: ANSI B(11"x17")
Path: S:\1-PROJECTS\CIN\ABB\WickliffeOH\Fig 02 - Site Features & Layout.mxd

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LEGEND

- MONITORING WELL
- SOIL BORING LOCATION
- WASTE CHARACTERIZATION SAMPLE LOCATION
- APPROXIMATE CATCH BASIN LOCATION
- SWALE FLOW DIRECTION
- STORMWATER FLOW DIRECTION
- APPROXIMATE STORM SEWER LOCATION
- RAILROAD SPUR
- APPROXIMATE SWALE LOCATION
- APPROXIMATE LOCATION OF FENCELINE
- APPROXIMATE LOCATION OF FORMER RCRA UNIT
- LOCATION AND EXTENT OF PROPOSED REMEDIATION AREAS

N

0 25 50 Feet

1 " = 25 '
1:300

PROJECT:
FORMER ABB-WICKLIFFE, OHIO
29801 EUCLID AVE
WICKLIFFE, OHIO 44092

TITLE:
FORMER RCRA UNIT LAYOUT AND SAMPLE LOCATIONS

WORKING COPY

DRAWN BY:	K. FOWLER	PROJ NO.:	303069.2021.0000.P2.T1
CHECKED BY:	D. KREEGER		
APPROVED BY:	D. KREEGER		**FIGURE 3**
DATE:	MAY 2022		

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FILE NO.: Fig 03 - RCRA Unit and Sample Loc_20211230.mxd

Plot Date: 5/2/2022, 09:23:14 AM by KFOWLER -- LAYOUT: ANSI B(11"x17")
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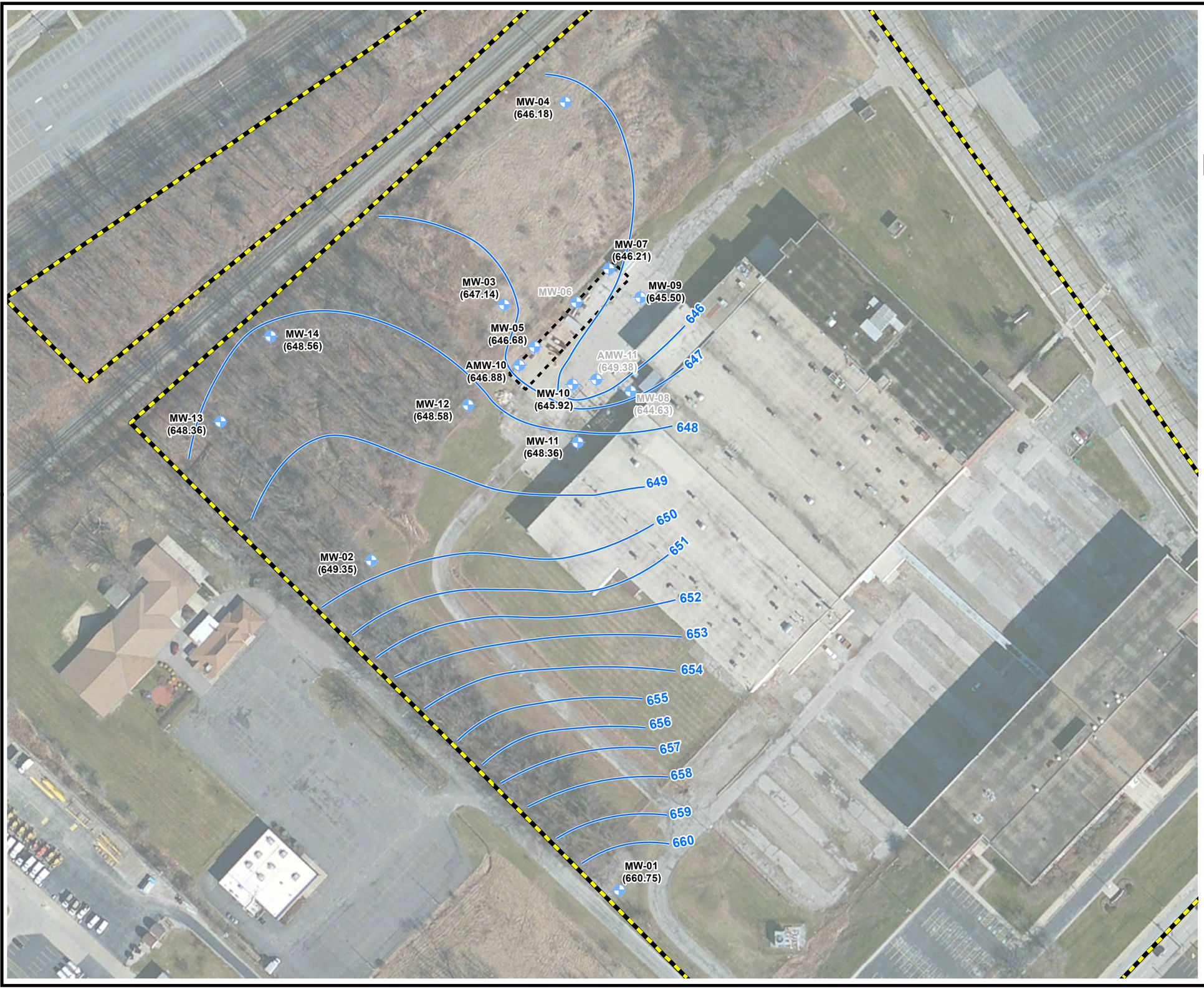
Coordinate System: NAD 1983 StatePlane Ohio North FIPS 3401 Feet (Foot US)
Map Rotation: 0

TRC - GIS



LEGEND

- MONITORING WELL
- INTERPOLATED GROUND WATER LEVEL CONTOURS AND FLOW DIRECTION (MARCH 24, 2021) - 1 FT
- APPROXIMATE LOCATION OF FORMER RCRA UNIT
- APPROXIMATE SITE BOUNDARY

NOTES

1. Groundwater Elevations based on survery conducted by Metro Consulting Associates (MCA) on January 30, 2020. Elevations presnted in Feet above Mean Sea Level (feet-MSL).
2. Water elevation data from AMW-11 was not used to develop groundwater elevation contours. The well is located within the sewer backfill.
3. Water elevation data from MW-08 was not used to develop groundwater elevation contours. The well is screened entirely in bedrock, whereas all other wells are screened across the soil-bedrock interface.
4. Water elevation data from MW-06 was not used to develop groundwater elevation contours. The well was uncovered in March 2021 and has not been surveyed.

WORKING COPY

N

0 125 250 Feet

1 " = 125 '

1:1,500

PROJECT:	FORMER ABB-WICKLIFFE, OHIO 29801 EUCLID AVE WICKLIFFE, OHIO 44092
TITLE:	GROUNDWATER ELEVATIONS AND FLOW DIRECTION MARCH 24, 2021
DRAWN BY: K. FOWLER	PROJ NO.: 303069.2021.P2.T1
CHECKED BY: D. KREEGER	FIGURE 4
APPROVED BY: D. KREEGER	
DATE: SEPTEMBER 2021	

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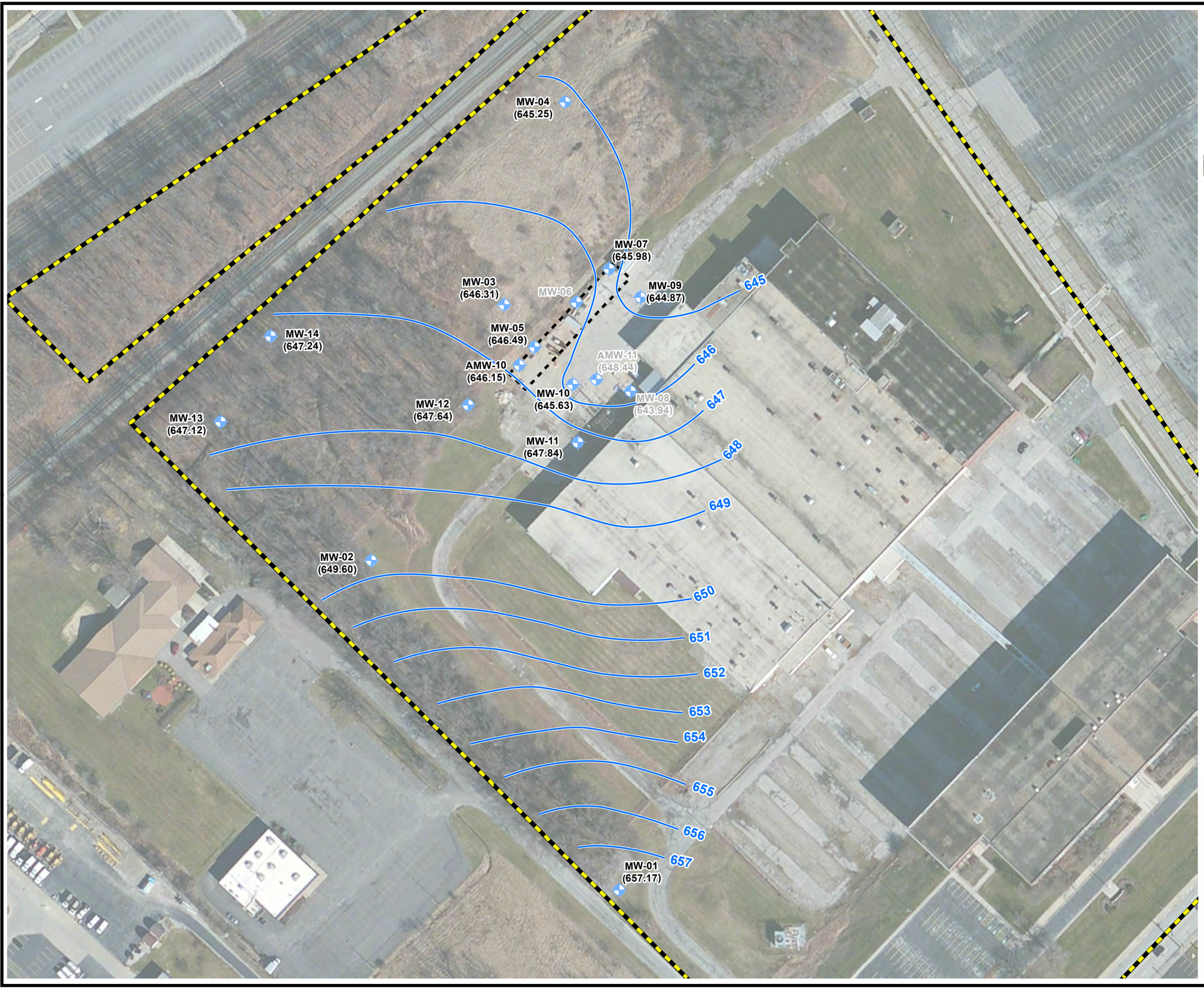
1382 W. 9TH STREET
SUITE 400, CLEVELAND
OHIO 44113

FILE NO.: Fig 4 - GW Elevations - MAR2021_20210720.mxd

Coordinate System: NAD 1983 2011 StatePlane Ohio North FIPS 3401 Ft US (Foot US)
Map Rotation: 0

Plot Date: 9/2/2021, 15:19:47 PM by KFOWLER -- LAYOUT: ANSI B(11"x17")
Path: S:\1-PROJECTS\CIN\ABB\WickliffeOH\Fig 4 - GW Elevations - MAR2021_20210720.mxd

TRC - GIS



LEGEND

- MONITORING WELL
- INTERPOLATED GROUND WATER LEVEL CONTOURS AND FLOW DIRECTION (JULY 7, 2021) - 1 FT
- APPROXIMATE LOCATION OF FORMER RCRA UNIT
- APPROXIMATE SITE BOUNDARY

NOTES

1. Groundwater Elevations based on survery conducted by Metro Consulting Associates (MCA) on January 30, 2020. Elevations presnted in Feet above Mean Sea Level (feet-MSL).
2. Water elevation data from AMW-11 was not used to develop groundwater elevation contours. The well is located within the sewer backfill.
3. Water elevation data from MW-08 was not used to develop groundwater elevation contours. The well is screened entirely in bedrock, whereas all other wells are screened across the soil-bedrock interface.
4. Water elevation data from MW-06 was not used to develop groundwater elevation contours. The well was uncovered in March 2021 and has not been surveyed.

WORKING COPY

N

0 125 250 Feet

1 " = 125 '

1:1,500

PROJECT:

FORMER ABB-WICKLIFFE, OHIO
29801 EUCLID AVE
WICKLIFFE, OHIO 44092

TITLE:

GROUNDWATER ELEVATIONS AND FLOW DIRECTION JULY 7, 2021

DRAWN BY:	K. FOWLER	PROJ NO.:	303069.2021.P2.T1
CHECKED BY:	D. KREEGER		**FIGURE 5**
APPROVED BY:	D. KREEGER		
DATE:	SEPTEMBER 2021		

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1382 W. 9TH STREET
SUITE 400, CLEVELAND
OHIO 44113

FILE NO.: Fig 5 - GW Elevations - JUL2021_20210720.mxd

Plot Date: 9/2/2021, 15:24:28 PM by KFOWLER -- LAYOUT: ANSI B(11"x17")
Path: S:\1-PROJECTS\CIN\ABB\WickliffeOH\Fig 5 - GW Elevations - JUL2021_20210720.mxd

Coordinate System: NAD 1983 2011 StatePlane Ohio North FIPS 3401 Ft US (Foot US)
Map Rotation: 0

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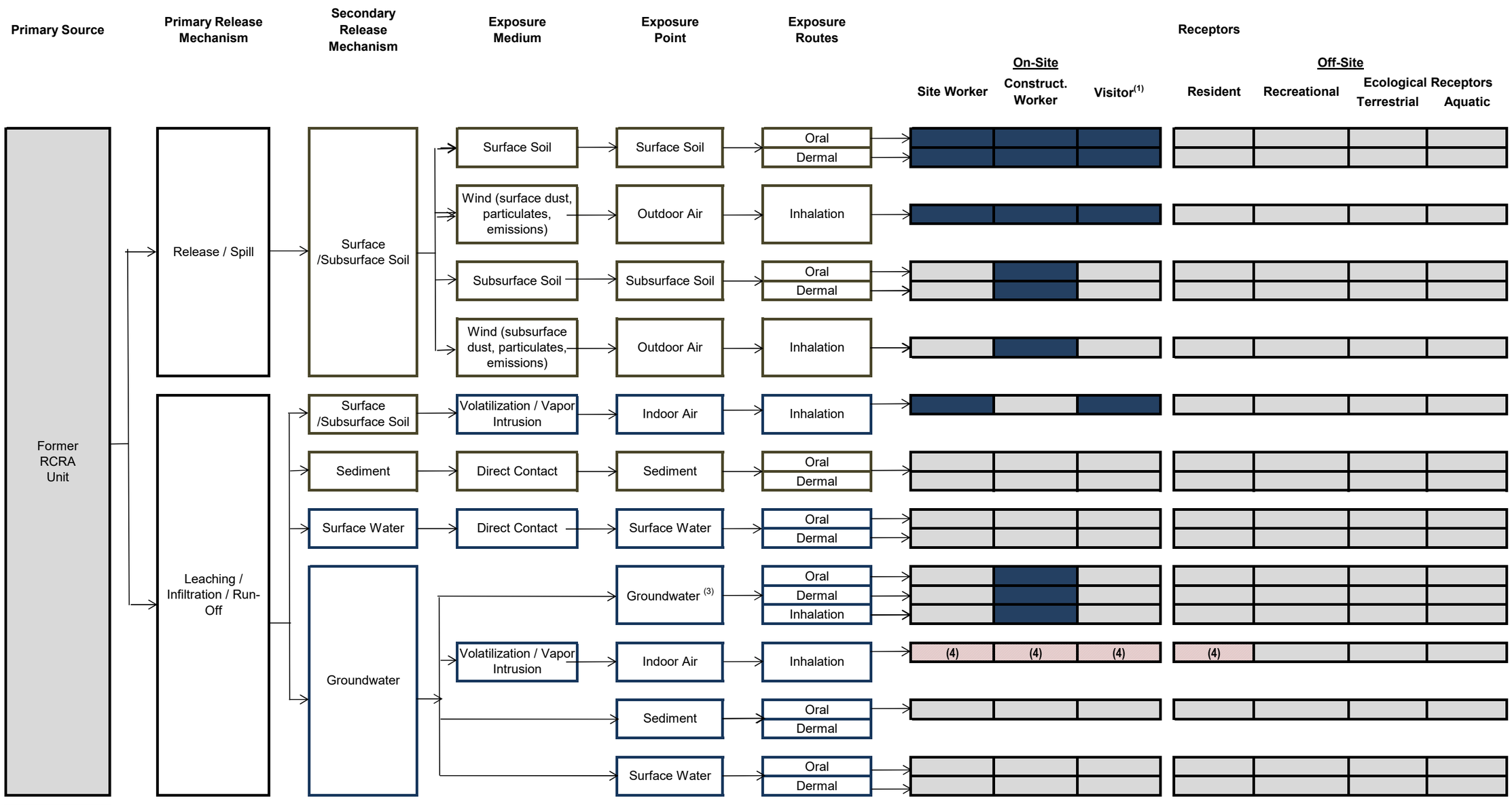
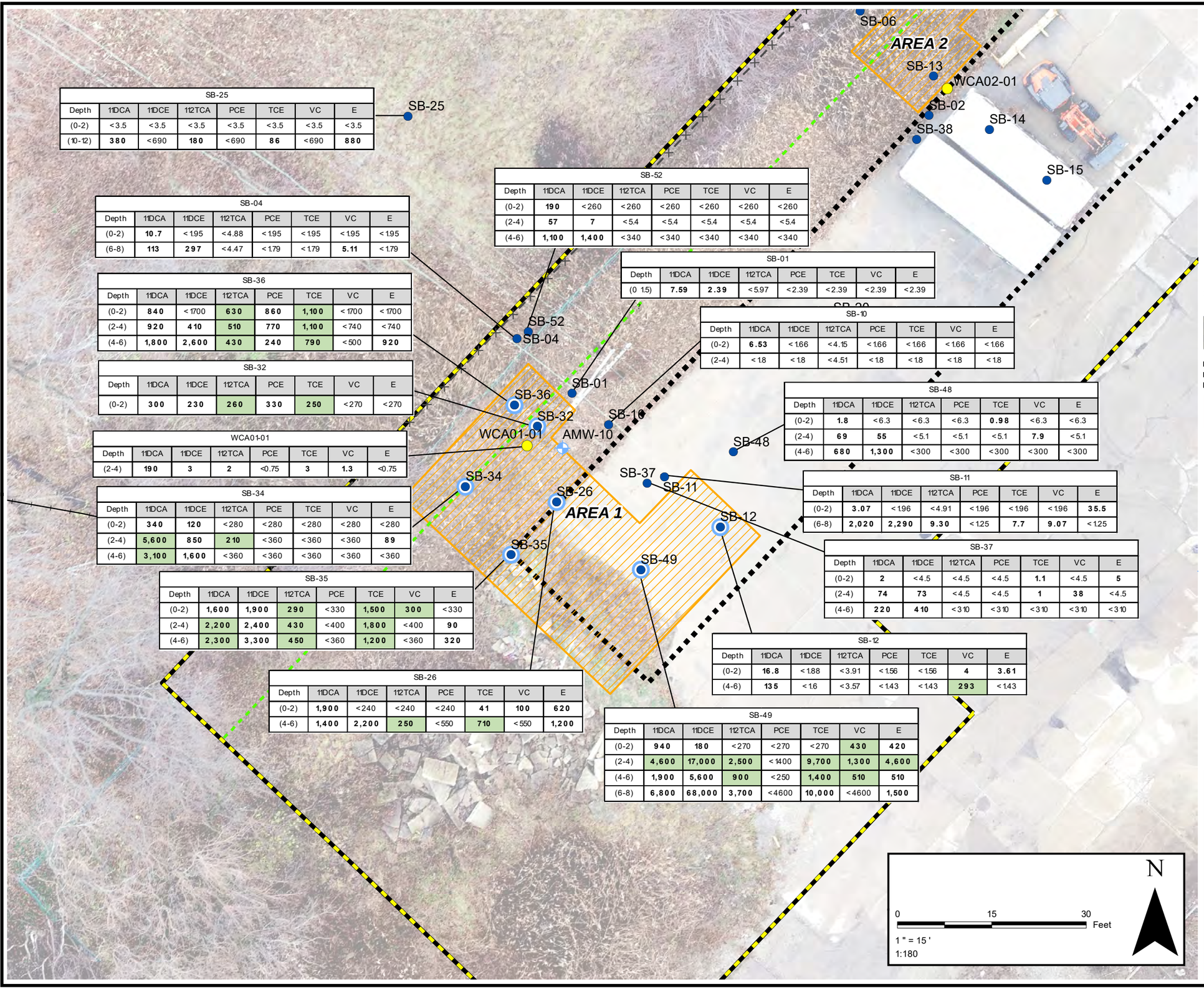
Figure 6
Former ABB-Wickliffe, Ohio
29801 Euclid Save
Wickliffe, Ohio 44092
Conceptual Site Model



Notes
(1) Quantitation of the Site Worker is considered protective of the Visitor.
(2) Subsurface soil may be brought to the surface during construction activities and available for exposure.
(3) Shallow ground water is not a potable source. However, exposure to shallow groundwater may occur during construction activities.
(4) The groundwater pathway is potentially complete for these receptors. The CPS derived for the RCRA Closure Plan are protective of the onsite and offsite VI pathway. Potential co-mingled COCs in groundwater and related pathways and receptors will be evaluated under the Ohio VAP.



SB-25							
Depth	11DCA	11DCE	112TCA	PCE	TCE	VC	E
(0-2)	<3.5	<3.5	<3.5	<3.5	<3.5	<3.5	<3.5
(10-12)	380	<690	180	<690	86	<690	880

SB-04							
Depth	11DCA	11DCE	112TCA	PCE	TCE	VC	E
(0-2)	10.7	<1.95	<4.88	<1.95	<1.95	<1.95	<1.95
(6-8)	113	297	<4.47	<1.79	<1.79	5.11	<1.79

SB-36							
Depth	11DCA	11DCE	112TCA	PCE	TCE	VC	E
(0-2)	840	<1700	630	860	1,100	<1700	<1700
(2-4)	920	410	510	770	1,100	<740	<740
(4-6)	1,800	2,600	430	240	790	<500	920

SB-32							
Depth	11DCA	11DCE	112TCA	PCE	TCE	VC	E
(0-2)	300	230	260	330	250	<270	<270

WCA01-01							
Depth	11DCA	11DCE	112TCA	PCE	TCE	VC	E
(2-4)	190	3	2	<0.75	3	1.3	<0.75

SB-34							
Depth	11DCA	11DCE	112TCA	PCE	TCE	VC	E
(0-2)	340	120	<280	<280	<280	<280	<280
(2-4)	5,600	850	210	<360	<360	<360	89
(4-6)	3,100	1,600	<360	<360	<360	<360	<360

SB-35							
Depth	11DCA	11DCE	112TCA	PCE	TCE	VC	E
(0-2)	1,600	1,900	290	<330	1,500	300	<330
(2-4)	2,200	2,400	430	<400	1,800	<400	90
(4-6)	2,300	3,300	450	<360	1,200	<360	320

SB-26							
Depth	11DCA	11DCE	112TCA	PCE	TCE	VC	E
(0-2)	1,900	<240	<240	<240	41	100	620
(4-6)	1,400	2,200	250	<550	710	<550	1,200

SB-52							
Depth	11DCA	11DCE	112TCA	PCE	TCE	VC	E
(0-2)	190	<260	<260	<260	<260	<260	<260
(2-4)	57	7	<5.4	<5.4	<5.4	<5.4	<5.4
(4-6)	1,100	1,400	<340	<340	<340	<340	<340

SB-01							
Depth	11DCA	11DCE	112TCA	PCE	TCE	VC	E
(0-1.5)	7.59	2.39	<5.97	<2.39	<2.39	<2.39	<2.39

SB-10							
Depth	11DCA	11DCE	112TCA	PCE	TCE	VC	E
(0-2)	6.53	<1.66	<4.15	<1.66	<1.66	<1.66	<1.66
(2-4)	<1.8	<1.8	<4.51	<1.8	<1.8	<1.8	<1.8

SB-48							
Depth	11DCA	11DCE	112TCA	PCE	TCE	VC	E
(0-2)	1.8	<6.3	<6.3	<6.3	0.98	<6.3	<6.3
(2-4)	69	55	<5.1	<5.1	<5.1	7.9	<5.1
(4-6)	680	1,300	<300	<300	<300	<300	<300

SB-11							
Depth	11DCA	11DCE	112TCA	PCE	TCE	VC	E
(0-2)	3.07	<1.96	<4.91	<1.96	<1.96	<1.96	35.5
(6-8)	2,020	2,290	9.30	<1.25	7.7	9.07	<1.25

SB-37							
Depth	11DCA	11DCE	112TCA	PCE	TCE	VC	E
(0-2)	2	<4.5	<4.5	<4.5	1.1	<4.5	5
(2-4)	74	73	<4.5	<4.5	1	38	<4.5
(4-6)	220	410	<310	<310	<310	<310	<310

SB-12							
Depth	11DCA	11DCE	112TCA	PCE	TCE	VC	E
(0-2)	16.8	<1.88	<3.91	<1.56	<1.56	4	3.61
(4-6)	135	<1.6	<3.57	<1.43	<1.43	293	<1.43

SB-49							
Depth	11DCA	11DCE	112TCA	PCE	TCE	VC	E
(0-2)	940	180	<270	<270	<270	430	420
(2-4)	4,600	17,000	2,500	<1400	9,700	1,300	4,600
(4-6)	1,900	5,600	900	<250	1,400	510	510
(6-8)	6,800	68,000	3,700	<4600	10,000	<4600	1,500

LEGEND

- MONITORING WELL
- SOIL BORING LOCATION
- CHEMICAL OF CONCERN EXCEEDANCE
- WASTE CHARACTERIZATION SAMPLE LOCATION
- RAILROAD SPUR
- APPROXIMATE SWALE LOCATION
- APPROXIMATE LOCATION OF FENCELINE
- RCRA WORK AREA
- APPROXIMATE LOCATION OF FORMER RCRA UNIT
- LOCATION AND EXTENT OF PROPOSED REMEDIATION AREAS

Closure Performance Standards (CPS)	
11DCA	1,901
11DCE	5,948
112TCA	169
PCE	2,200
TCE	156
VC	168
E	3,430

1. Concentrations presented in micrograms/kilograms (ug/kg)
2. Green shading indicates concentration exceeds the Closure Performance Standard (CPS) derived for the protection of groundwater; as groundwater is approximately 6 feet-bgs, this standard applies only to soils from 0-6 feet bgs depth interval.
3. SB-11 is not an exceedance because confirmation re-sampling of this location (SB-37) confirmed no CPS exceedances in the 0-6 feet bgs depth interval.

PROJECT:
FORMER ABB-WICKLIFFE, OHIO
29801 EUCLID AVE
WICKLIFFE, OHIO 44092

TITLE:
AREA 1 - SOUTHWESTERN PORTION OF FORMER RCRA UNIT COC CONCENTRATIONS IN SOIL

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DRAWN BY:	K. FOWLER	PROJ NO.:	303069.2021.0000.P2.T1
CHECKED BY:	D. KREEGER		
APPROVED BY:	D. KREEGER		**FIGURE 7**
DATE:	MARCH 2022		

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Phone: 216.344.3072
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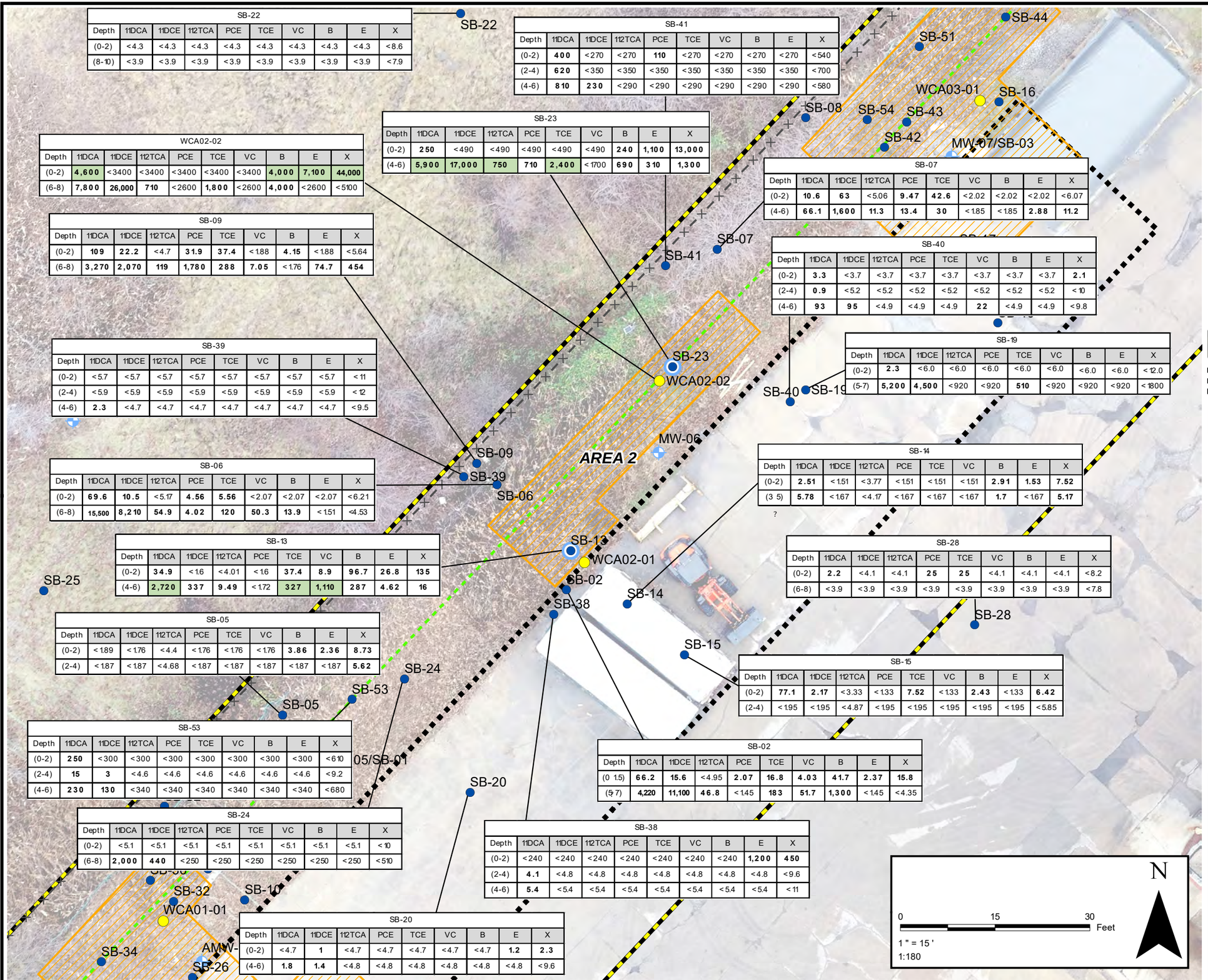
FILE NO.: Fig 7 - Area 1 - COC Concentrations_20220303.mxd

TRC - GIS
Coordinate System: NAD 1983 StatePlane Ohio North FIPS 3401 Feet (Foot US)
Map Rotation: 0
Plot Date: 3/3/2022, 16:19:31 PM by KFOWLER -- LAYOUT: ANSI B(11"x17")
Path: S:\1-PROJECTS\CIN\ABB\WickliffeOH\Fig 7 - Area 1 - COC Concentrations_20220303.mxd



SB-22									
Depth	11DCA	11DCE	112TCA	PCE	TCE	VC	B	E	X
(0-2)	<4.3	<4.3	<4.3	<4.3	<4.3	<4.3	<4.3	<4.3	<8.6
(8-10)	<3.9	<3.9	<3.9	<3.9	<3.9	<3.9	<3.9	<3.9	<7.9

SB-41									
Depth	11DCA	11DCE	112TCA	PCE	TCE	VC	B	E	X
(0-2)	400	<270	<270	110	<270	<270	<270	<270	<540
(2-4)	620	<350	<350	<350	<350	<350	<350	<350	<700
(4-6)	810	230	<290	<290	<290	<290	<290	<290	<580

SB-23									
Depth	11DCA	11DCE	112TCA	PCE	TCE	VC	B	E	X
(0-2)	250	<490	<490	<490	<490	<490	240	1,100	13,000
(4-6)	5,900	17,000	750	710	2,400	<1700	690	310	1,300

WCA02-02									
Depth	11DCA	11DCE	112TCA	PCE	TCE	VC	B	E	X
(0-2)	4,600	<3400	<3400	<3400	<3400	<3400	4,000	7,100	44,000
(6-8)	7,800	26,000	710	<2600	1,800	<2600	4,000	<2600	<5100

SB-07									
Depth	11DCA	11DCE	112TCA	PCE	TCE	VC	B	E	X
(0-2)	10.6	63	<5.06	9.47	42.6	<2.02	<2.02	<2.02	<6.07
(4-6)	66.1	1,600	11.3	13.4	30	<1.85	<1.85	2.88	11.2

SB-09									
Depth	11DCA	11DCE	112TCA	PCE	TCE	VC	B	E	X
(0-2)	109	22.2	<4.7	31.9	37.4	<1.88	4.15	<1.88	<5.64
(6-8)	3,270	2,070	119	1,780	288	7.05	<1.76	74.7	454

SB-40									
Depth	11DCA	11DCE	112TCA	PCE	TCE	VC	B	E	X
(0-2)	3.3	<3.7	<3.7	<3.7	<3.7	<3.7	<3.7	<3.7	2.1
(2-4)	0.9	<5.2	<5.2	<5.2	<5.2	<5.2	<5.2	<5.2	<10
(4-6)	93	95	<4.9	<4.9	<4.9	22	<4.9	<4.9	<9.8

SB-39									
Depth	11DCA	11DCE	112TCA	PCE	TCE	VC	B	E	X
(0-2)	<5.7	<5.7	<5.7	<5.7	<5.7	<5.7	<5.7	<5.7	<11
(2-4)	<5.9	<5.9	<5.9	<5.9	<5.9	<5.9	<5.9	<5.9	<12
(4-6)	2.3	<4.7	<4.7	<4.7	<4.7	<4.7	<4.7	<4.7	<9.5

SB-19									
Depth	11DCA	11DCE	112TCA	PCE	TCE	VC	B	E	X
(0-2)	2.3	<6.0	<6.0	<6.0	<6.0	<6.0	<6.0	<6.0	<12.0
(5-7)	5,200	4,500	<920	<920	510	<920	<920	<920	<1800

SB-06									
Depth	11DCA	11DCE	112TCA	PCE	TCE	VC	B	E	X
(0-2)	69.6	10.5	<5.17	4.56	5.56	<2.07	<2.07	<2.07	<6.21
(6-8)	15,500	8,210	54.9	4.02	120	50.3	13.9	<1.51	<4.53

SB-14									
Depth	11DCA	11DCE	112TCA	PCE	TCE	VC	B	E	X
(0-2)	2.51	<1.51	<3.77	<1.51	<1.51	<1.51	2.91	1.53	7.52
(3 5)	5.78	<1.67	<4.17	<1.67	<1.67	<1.67	1.7	<1.67	5.17

?

SB-13									
Depth	11DCA	11DCE	112TCA	PCE	TCE	VC	B	E	X
(0-2)	34.9	<1.6	<4.01	<1.6	37.4	8.9	96.7	26.8	135
(4-6)	2,720	337	9.49	<1.72	327	1,110	287	4.62	16

SB-28									
Depth	11DCA	11DCE	112TCA	PCE	TCE	VC	B	E	X
(0-2)	2.2	<4.1	<4.1	25	25	<4.1	<4.1	<4.1	<8.2
(6-8)	<3.9	<3.9	<3.9	<3.9	<3.9	<3.9	<3.9	<3.9	<7.8

SB-05									
Depth	11DCA	11DCE	112TCA	PCE	TCE	VC	B	E	X
(0-2)	<1.89	<1.76	<4.4	<1.76	<1.76	<1.76	3.86	2.36	8.73
(2-4)	<1.87	<1.87	<4.68	<1.87	<1.87	<1.87	<1.87	<1.87	5.62

SB-15									
Depth	11DCA	11DCE	112TCA	PCE	TCE	VC	B	E	X
(0-2)	77.1	2.17	<3.33	<1.33	7.52	<1.33	2.43	<1.33	6.42
(2-4)	<1.95	<1.95	<4.87	<1.95	<1.95	<1.95	<1.95	<1.95	<5.85

SB-53									
Depth	11DCA	11DCE	112TCA	PCE	TCE	VC	B	E	X
(0-2)	250	<300	<300	<300	<300	<300	<300	<300	<610
(2-4)	15	3	<4.6	<4.6	<4.6	<4.6	<4.6	<4.6	<9.2
(4-6)	230	130	<340	<340	<340	<340	<340	<340	<680

SB-02									
Depth	11DCA	11DCE	112TCA	PCE	TCE	VC	B	E	X
(0 1.5)	66.2	15.6	<4.95	2.07	16.8	4.03	41.7	2.37	15.8
(5 7)	4,220	11,100	46.8	<1.45	183	51.7	1,300	<1.45	<4.35

SB-24									
Depth	11DCA	11DCE	112TCA	PCE	TCE	VC	B	E	X
(0-2)	<5.1	<5.1	<5.1	<5.1	<5.1	<5.1	<5.1	<5.1	<10
(6-8)	2,000	440	<250	<250	<250	<250	<250	<250	<510

SB-38									
Depth	11DCA	11DCE	112TCA	PCE	TCE	VC	B	E	X
(0-2)	<240	<240	<240	<240	<240	<240	<240	1,200	450
(2-4)	4.1	<4.8	<4.8	<4.8	<4.8	<4.8	<4.8	<4.8	<9.6
(4-6)	5.4	<5.4	<5.4	<5.4	<5.4	<5.4	<5.4	<5.4	<11

SB-20									
Depth	11DCA	11DCE	112TCA	PCE	TCE	VC	B	E	X
(0-2)	<4.7	1	<4.7	<4.7	<4.7	<4.7	<4.7	1.2	2.3
(4-6)	1.8	1.4	<4.8	<4.8	<4.8	<4.8	<4.8	<4.8	<9.6

LEGEND

- MONITORING WELL
- CATCH BASIN
- SOIL BORING LOCATION
- CHEMICALS OF CONCERN EXCEEDANCE
- WASTE CHARACTERIZATION SAMPLE LOCATION
- RAILROAD SPUR
- APPROXIMATE SWALE LOCATION
- APPROXIMATE LOCATION OF FENCELINE
- RCRA WORK AREA
- APPROXIMATE LOCATION OF FORMER RCRA UNIT
- LOCATION AND EXTENT OF PROPOSED REMEDIATION AREAS

Closure Performance Standards (CPS)	
11DCA	1,901
11DCE	5,948
112TCA	169
PCE	2,200
TCE	156
VC	168
B	721
E	3,430
X	31,900

1. Concentrations presented in micrograms/kilograms (ug/kg)
2. Green shading indicates concentration exceeds the Closure Performance Standard (CPS) derived for the protection of groundwater; as groundwater is approximately 6 feet-bgs, this standard applies only to soils from 0-6 feet bgs depth interval.
3. SB-02 is not an exceedance because confirmation re-sampling of this location (SB-38) confirmed no CPS exceedances in the 0-6 feet bgs depth interval.

PROJECT:
FORMER ABB-WICKLIFFE, OHIO
29801 EUCLID AVE
WICKLIFFE, OHIO 44092

TITLE:
AREA 2 - CENTRAL PORTION OF FORMER RCRA UNIT COC CONCENTRATIONS IN SOIL

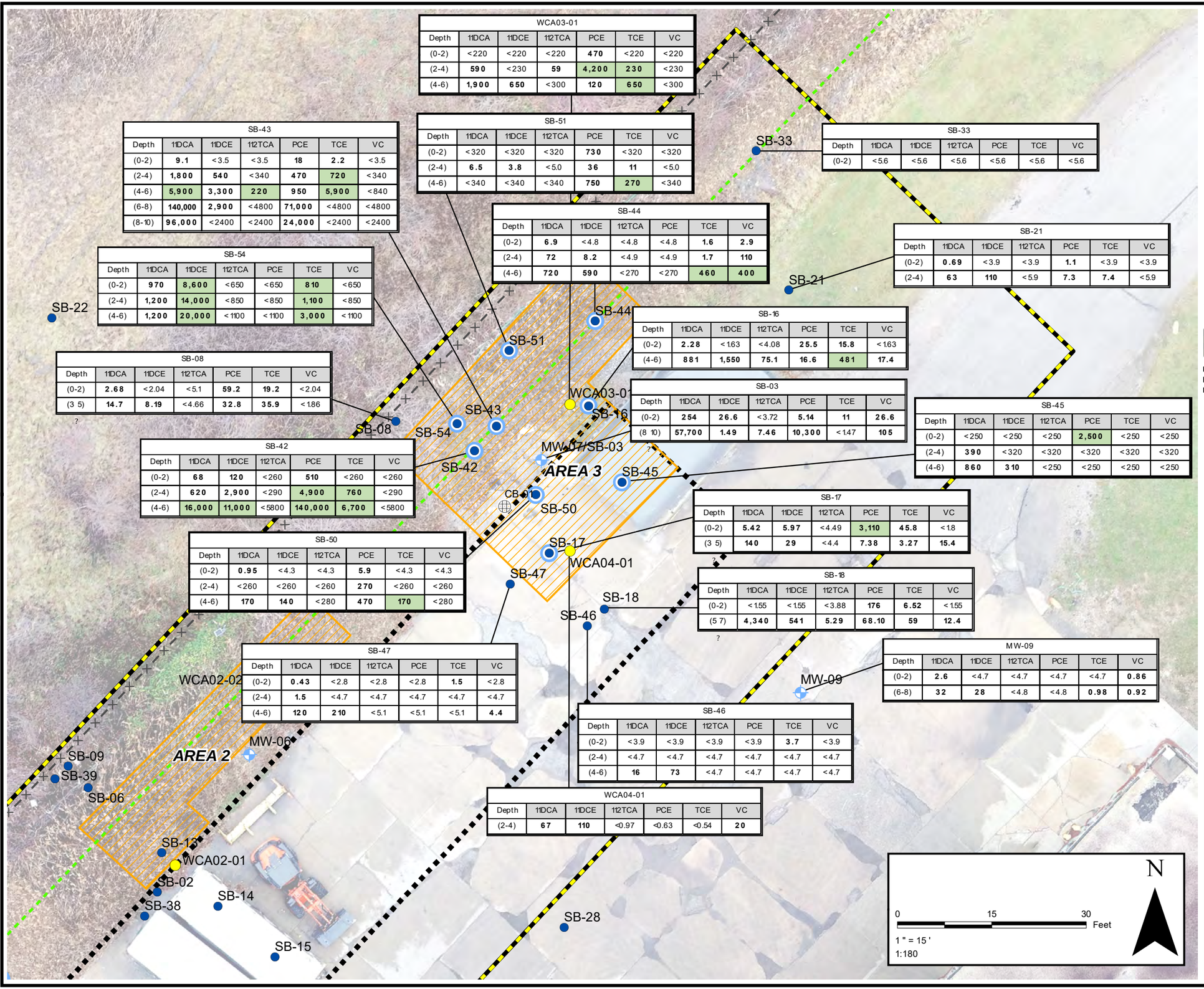
WORKING COPY

DRAWN BY:	K. FOWLER	PROJ NO.:	303069.2021.0000.P2.T1
CHECKED BY:	D. KREEGER		
APPROVED BY:	D. KREEGER		**FIGURE 8**
DATE:	MARCH 2022		

TRC
1382 West Ninth Street, Suite 400
Cleveland, OH 44113
Phone: 216.344.3072
www.trcsolutions.com

FILE NO.: Fig 8 - Area 2 - COC Concentrations_20220303.mxd

TRC - GIS
Coordinate System: NAD 1983 StatePlane Ohio North FIPS 3401 Feet (Foot US)
Map Rotation: 0
Plot Date: 3/3/2022, 16:15:02 PM by KFOWLER -- LAYOUT: ANSI B(11"x17")
Path: S:\1-PROJECTS\CIN\ABB\WickliffeOH\Fig 8 - Area 2 - COC Concentrations_20220303.mxd



WCA03-01						
Depth	11DCA	11DCE	112TCA	PCE	TCE	VC
(0-2)	<220	<220	<220	470	<220	<220
(2-4)	590	<230	59	4,200	230	<230
(4-6)	1,900	650	<300	120	650	<300

SB-51						
Depth	11DCA	11DCE	112TCA	PCE	TCE	VC
(0-2)	<320	<320	<320	730	<320	<320
(2-4)	6.5	3.8	<5.0	36	11	<5.0
(4-6)	<340	<340	<340	750	270	<340

SB-43						
Depth	11DCA	11DCE	112TCA	PCE	TCE	VC
(0-2)	9.1	<3.5	<3.5	18	2.2	<3.5
(2-4)	1,800	540	<340	470	720	<340
(4-6)	5,900	3,300	220	950	5,900	<840
(6-8)	140,000	2,900	<4800	71,000	<4800	<4800
(8-10)	96,000	<2400	<2400	24,000	<2400	<2400

SB-33						
Depth	11DCA	11DCE	112TCA	PCE	TCE	VC
(0-2)	<5.6	<5.6	<5.6	<5.6	<5.6	<5.6

SB-44						
Depth	11DCA	11DCE	112TCA	PCE	TCE	VC
(0-2)	6.9	<4.8	<4.8	<4.8	1.6	2.9
(2-4)	72	8.2	<4.9	<4.9	1.7	110
(4-6)	720	590	<270	<270	460	400

SB-21						
Depth	11DCA	11DCE	112TCA	PCE	TCE	VC
(0-2)	0.69	<3.9	<3.9	1.1	<3.9	<3.9
(2-4)	63	110	<5.9	7.3	7.4	<5.9

SB-54						
Depth	11DCA	11DCE	112TCA	PCE	TCE	VC
(0-2)	970	8,600	<650	<650	810	<650
(2-4)	1,200	14,000	<850	<850	1,100	<850
(4-6)	1,200	20,000	<1100	<1100	3,000	<1100

SB-16						
Depth	11DCA	11DCE	112TCA	PCE	TCE	VC
(0-2)	2.28	<163	<4.08	25.5	15.8	<163
(4-6)	881	1,550	75.1	16.6	481	17.4

SB-08						
Depth	11DCA	11DCE	112TCA	PCE	TCE	VC
(0-2)	2.68	<2.04	<5.1	59.2	19.2	<2.04
(3 5)	14.7	8.19	<4.66	32.8	35.9	<186

?

SB-03						
Depth	11DCA	11DCE	112TCA	PCE	TCE	VC
(0-2)	254	26.6	<3.72	5.14	11	26.6
(8 10)	57,700	1.49	7.46	10,300	<147	105

SB-45						
Depth	11DCA	11DCE	112TCA	PCE	TCE	VC
(0-2)	<250	<250	<250	2,500	<250	<250
(2-4)	390	<320	<320	<320	<320	<320
(4-6)	860	310	<250	<250	<250	<250

SB-42						
Depth	11DCA	11DCE	112TCA	PCE	TCE	VC
(0-2)	68	120	<260	510	<260	<260
(2-4)	620	2,900	<290	4,900	760	<290
(4-6)	16,000	11,000	<5800	140,000	6,700	<5800

SB-17						
Depth	11DCA	11DCE	112TCA	PCE	TCE	VC
(0-2)	5.42	5.97	<4.49	3,110	45.8	<18
(3 5)	140	29	<4.4	7.38	3.27	15.4

?

SB-50						
Depth	11DCA	11DCE	112TCA	PCE	TCE	VC
(0-2)	0.95	<4.3	<4.3	5.9	<4.3	<4.3
(2-4)	<260	<260	<260	270	<260	<260
(4-6)	170	140	<280	470	170	<280

SB-18						
Depth	11DCA	11DCE	112TCA	PCE	TCE	VC
(0-2)	<155	<155	<3.88	176	6.52	<155
(5 7)	4,340	541	5.29	68.10	59	12.4

?

SB-47						
Depth	11DCA	11DCE	112TCA	PCE	TCE	VC
(0-2)	0.43	<2.8	<2.8	<2.8	1.5	<2.8
(2-4)	1.5	<4.7	<4.7	<4.7	<4.7	<4.7
(4-6)	120	210	<5.1	<5.1	<5.1	4.4

MW-09						
Depth	11DCA	11DCE	112TCA	PCE	TCE	VC
(0-2)	2.6	<4.7	<4.7	<4.7	<4.7	0.86
(6-8)	32	28	<4.8	<4.8	0.98	0.92

SB-46						
Depth	11DCA	11DCE	112TCA	PCE	TCE	VC
(0-2)	<3.9	<3.9	<3.9	<3.9	3.7	<3.9
(2-4)	<4.7	<4.7	<4.7	<4.7	<4.7	<4.7
(4-6)	16	73	<4.7	<4.7	<4.7	<4.7

WCA04-01						
Depth	11DCA	11DCE	112TCA	PCE	TCE	VC
(2-4)	67	110	<0.97	<0.63	<0.54	20

LEGEND

- MONITORING WELL
- CATCH BASIN
- SOIL BORING LOCATION
- CHEMICAL OF CONCERN EXCEEDANCE
- WASTE CHARACTERIZATION SAMPLE LOCATION
- RAILROAD SPUR
- APPROXIMATE SWALE LOCATION
- APPROXIMATE LOCATION OF FENCELINE
- RCRA WORK AREA
- APPROXIMATE LOCATION OF FORMER RCRA UNIT
- LOCATION AND EXTENT OF PROPOSED REMEDIATION AREAS

Closure Performance Standards (CPS)	
11DCA	1,901
11DCE	5,948
112TCA	169
PCE	2,200
TCE	156
VC	168

1. Concentrations presented in micrograms/kilograms (ug/kg)
2. Closure Performance Standard (CPS) derived for the protection of groundwater; standard applies to soils from the 0-6 feet-bgs depth interval.
3. Green shading indicates concentration exceeds the Closure Performance Standard (CPS) derived for the protection of groundwater; as groundwater is approximately 6 feet-bgs, this standard applies only to soils from 0-6 feet bgs depth interval.

PROJECT:
FORMER ABB-WICKLIFFE, OHIO
29801 EUCLID AVE
WICKLIFFE, OHIO 44092

TITLE:
AREA 3 - NORTHEASTERN PORTION OF FORMER RCRA UNIT COC CONCENTRATIONS IN SOIL

WORKING COPY

DRAWN BY:	K. FOWLER	PROJ NO.:	303069.2021.0000.P2.T1
CHECKED BY:	D. KREEGER		
APPROVED BY:	D. KREEGER		
DATE:	MARCH 2022		

FIGURE 9

TRC
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Cleveland, OH 44113
Phone: 216.344.3072
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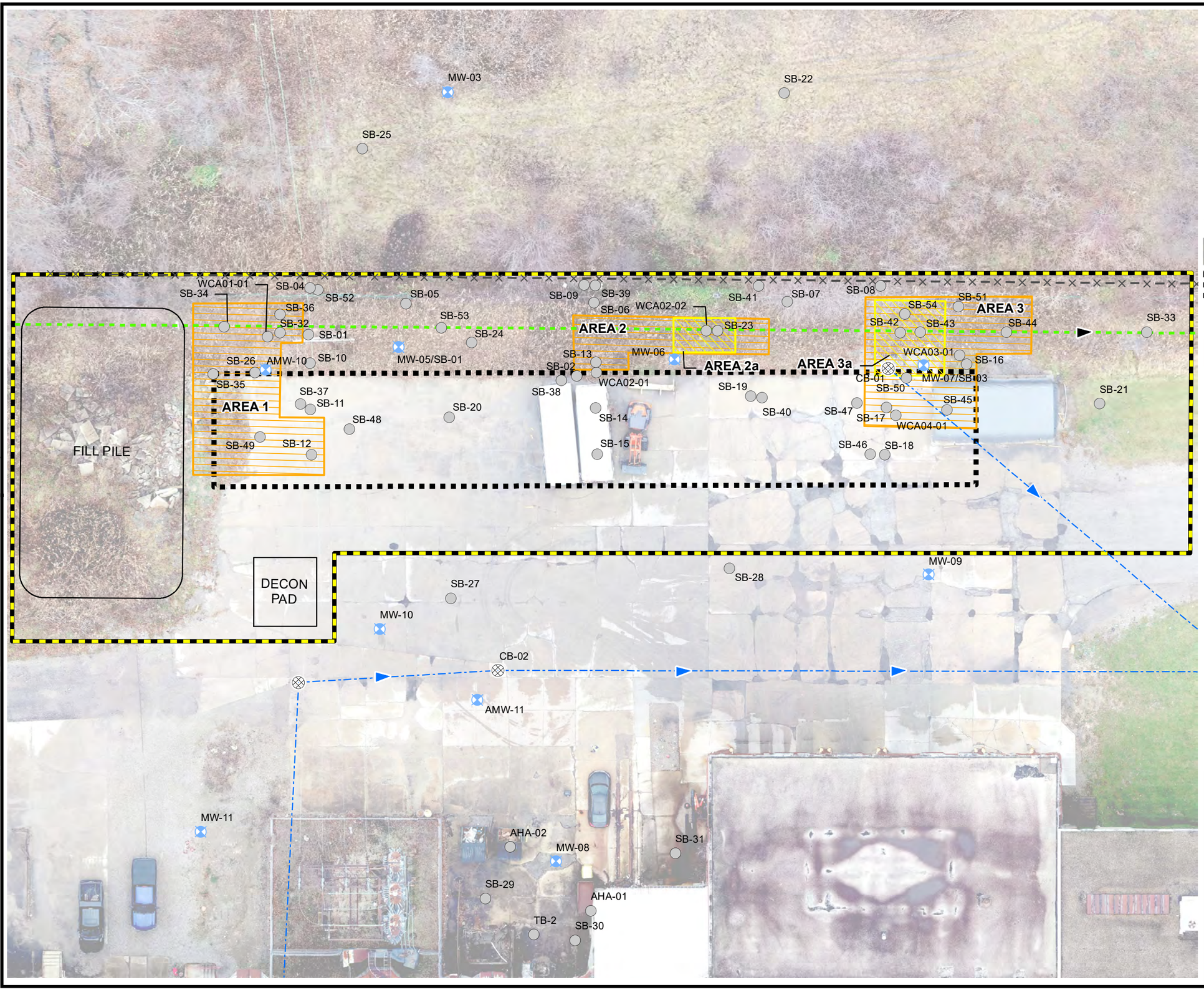
FILE NO.: Fig 9 - Area 3 - COC Concentrations_20220303.mxd

TRC - GIS
Coordinate System: NAD 1983 StatePlane Ohio North FIPS 3401 Feet (Foot US)
Map Rotation: 0
Plot Date: 3/3/2022, 16:38:11 PM by KFOWLER -- LAYOUT: ANSI B(11"x17")
Path: S:\1-PROJECTS\CIN\ABB\WickliffeOH\Fig 9 - Area 3 - COC Concentrations_20220303.mxd



LEGEND

- MONITORING WELL
- SOIL BORING LOCATION
- APPROXIMATE CATCH BASIN LOCATION
- APPROXIMATE STORM SEWER LOCATION
- APPROXIMATE SWALE LOCATION
- APPROXIMATE LOCATION OF FENCELINE
- RCRA WORK
- APPROXIMATE LOCATION OF FORMER RCRA UNIT
- LOCATION AND EXTENT OF PROPOSED REMEDIATION SUB AREA
- LOCATION AND EXTENT OF PROPOSED REMEDIATION AREAS

NOTES:
1. SOILS WILL BE EXCAVATED TO DEPTH OF 6 FEET-BGS UNLESS OTHERWISE NOTED.
2. SOILS AT AREA 2a AND AREA 3a EXCEED LDR THRESHOLDS AND WILL BE TREATED AT LANDFILL PRIOR TO LAND DISPOSAL.
3. SOILS AT AREA 3a WILL BE EXCAVATED TO DEPTH OF 10 FEET-BGS OR THE TOP OF BEDROCK, IF NECESSARY.

N

0 25 50 Feet

1 " = 25 '
1:300

PROJECT:
FORMER ABB-WICKLIFFE, OHIO
29801 EUCLID AVE
WICKLIFFE, OHIO 44092

TITLE:
FORMER RCRA UNIT AREA LAYOUT

WORKING COPY

DRAWN BY:	K. FOWLER	PROJ NO.:	303069.2021.0000.P2.T1
CHECKED BY:	D. KREEGER		**FIGURE 10**
APPROVED BY:	D. KREEGER		
DATE:	MAY 2022		

TRC
1382 West Ninth Street, Suite 400
Cleveland, OH 44113
Phone: 216.344.3072
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FILE NO.: Fig 10 - RCRA Work Area_20220303.mxd

Plot Date: 5/2/2022, 09:07:24 AM by KFOWLER -- LAYOUT: ANSI B(11"x17")
Path: S:\1-PROJECTS\CIN\ABB\WickliffeOH\Fig 10 - RCRA Work Area_20220303.mxd

Coordinate System: NAD 1983 StatePlane Ohio North FIPS 3401 Feet (Foot US)
Map Rotation: 313.330391

TRC - GIS

PHOTOGRAPHS

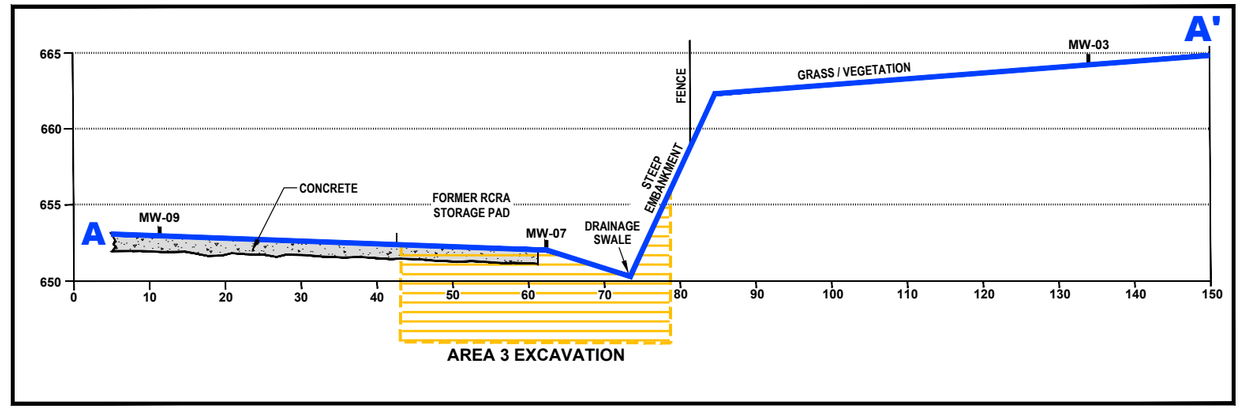
View of Former RCRA Unit from parking lot, looking north-northeast.

View of Former RCRA Unit from MW-07, looking southwest.

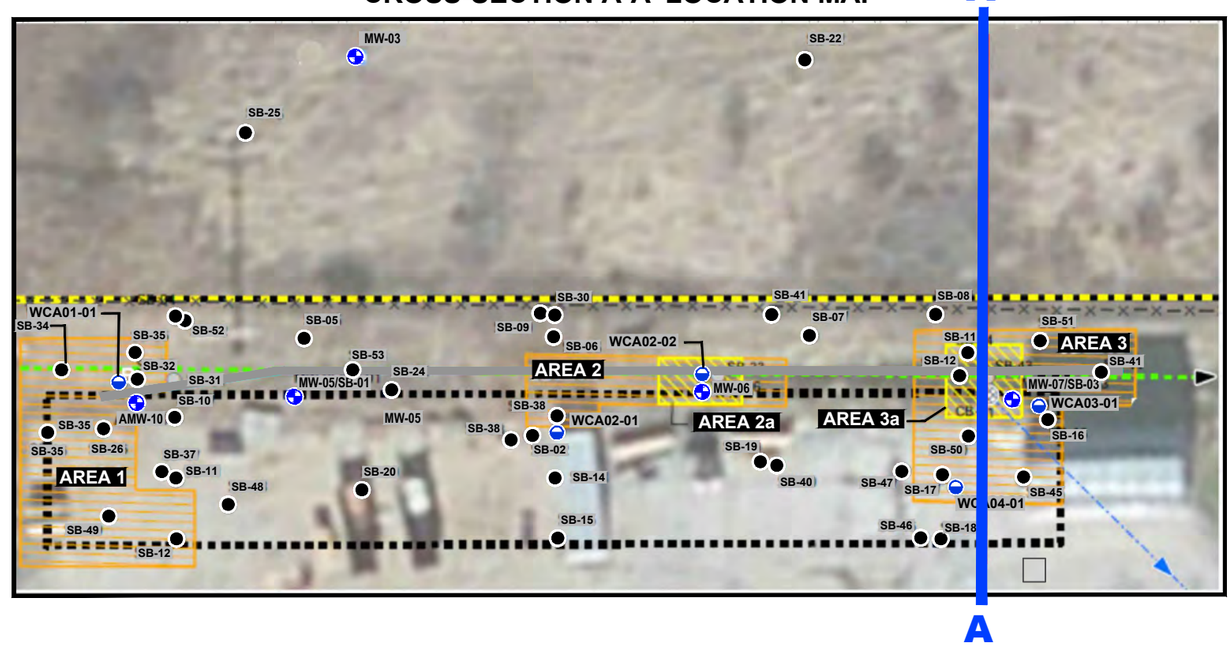
View of former RCRA Unit from AMW-10 looking northeast.

View of Unit 3 of the former RCRA Unit looking north.

ELEVATION CROSS-SECTION A-A'



CROSS-SECTION A-A' LOCATION MAP



NOTES

1. Elevation for MW-3 used as surrogate for straight line cross-section.
2. Elevations for MW-03, MW-07, MW-09 are based on Metro Consulting Associates survey dated January 20, 2020.

PROJECT:
FORMER ABB-WICKLIFFE, OHIO
29801 EUCLID AVENUE
WICKLIFFE, OHIO 44092

TITLE:
ELEVATION PROFILE FOR RCRA UNIT AND SURROUNDING AREA

DRAWN BY:	D.STEHLE	PROJ NO.:	477430.0000.02.01
CHECKED BY:	D.KREEGER	FIGURE 11	
APPROVED BY:	-		
DATE:	FEBRUARY 2022		

TRC
781 Science Boulevard
Suite 200
Gahanna, Ohio 43230
www.trccompanies.com

FILE NO.: 477430.0000.02.01.01 REV 4.dwg

11x17 -- USER: ADragan -- ATTACHED XREFS: -- ATTACHED IMAGES: FIG - swale x-section; photograph #1; photograph #2; photograph #3; photograph #4; x-section for Figure 11;
DRAWING NAME: \\Annarbor-fp2\cadd\PJT\00_TRC\ABB_Wickliffe\477430\0000\02\01_RCRA Closure Plan\477430.0000.02.01.01 REV 4.dwg -- PLOT DATE: March 29, 2022 - 12:29PM -- LAYOUT: FIG11 Drainage Swale

Version: 2017-10-21

Appendix A
Draft RCRA Environmental Covenant

DRAFT

To be recorded with Deed Records - ORC § 317.08

ENVIRONMENTAL COVENANT

This Environmental Covenant is entered into by 29801 Euclid Ave LLC ("Owner") and *ABB Inc.* ("Holder") and the Ohio Environmental Protection Agency ("Ohio EPA") pursuant to Ohio Revised Code ("ORC") §§ 5301.80 to 5301.92 for the purpose of subjecting the Property described in section 2 herein ("the Property"), to the activity and use limitations set forth herein.

Whereas, this Environmental Covenant concerns a portion of the Property known as the former RCRA Storage Pad ("RCRA Unit"). On _____, the closure plan for the RCRA Unit was approved by Ohio EPA ("Closure Plan"). ABB Inc. is implementing the approved closure plan on the Property in accordance with Ohio EPA's hazardous waste requirements contained in ORC Chapter 3734. As part of the closure of the RCRA Unit, the Owner has agreed to place certain restrictions on the future use of portions of the Property, as described herein.

Whereas, the chemicals of concern attributable to the former RCRA Unit include mainly chlorinated volatile organic compounds (VOCs) attributable to the former RCRA Unit and detailed in the Closure Plan. Shallow impacts, identified in the 0-6 feet below grade surface (fbgs) unsaturated interval, are related to the former RCRA Unit. The point of exposure by direct contact to waste constituents is assumed to be directly at or within the RCRA Unit boundary for all exposure pathways as shown with the Closure Plan. Due to co-mingled contaminants from sources adjacent and outside the RCRA Unit, the horizontal limits and point of compliance are the RCRA Unit boundaries and/or proposed remediation areas.

Whereas, as set forth in the Closure Plan, the goal of the environmental response project is to achieve clean closure of soil by removing waste and contaminants from the upper 6-feet of soil at the former RCRA Unit and achieving standards that are consistent with the deed restriction recorded for the Property and identified in the Closure Plan. Following excavation of soil from the RCRA Unit, the area of excavation will be backfilled with clean aggregate and fill material. Following demonstration that clean closure of the former RCRA Unit has been achieved in soil, soil impacts outside the area of excavation and/or groundwater impacts including vapor intrusion, will be assessed at the Property, and remedied under the Ohio Voluntary Action Program. Chlorinated solvents in groundwater and soils may pose a completed risk pathway for potable use and vapor intrusion that will be mitigated by the activities and usage limitations in this Environmental Covenant.

Whereas, the administrative record for this project is maintained as the file titles ABB Inc.

(EPA identification no. OHD000724054) located at the Ohio EPA's Northeast District Office, Division of Environmental Response and Revitalization, located at 2110 East Aurora Road, Twinsburg, Ohio 44087

Now therefore, Owner, 29801 Euclid Ave LLC, and Holder, ABB Inc., and Ohio EPA agree to the following:

1. Environmental Covenant. This instrument is an environmental covenant developed and executed pursuant to ORC §§ 5301.80 to 5301.92.

2. Property. This Environmental Covenant concerns an approximately 30.475 acre tract of real property; Permanent Parcel numbers 29A0030000050, 29A003A000160, 29A003A000170, and 29A003A000360 owned by Owner, located at 29801 Euclid Avenue, Wickliffe, in Lake County, Ohio, and more particularly described in Exhibit A attached hereto and hereby incorporated by reference herein ("Property").

3. Owner. This Property is owned by 29801 Euclid Ave LLC ("Owner"), who is located at 5301 Grant Avenue, Cleveland, Ohio 44125.

4. Holder. Pursuant to ORC § 5301.81, the holder of this Environmental Covenant ("Holder") is the Owner listed above and ABB Inc. who is located at 305 Gregson Drive in Cary, North Carolina 27511. Effective on the date of transfer of all of its respective ownership interest in the Property, Owner consents to waive its Holder status in accordance with ORC 5301.90. After such transfer, such Owner's signature is not required for any amendment or termination of the Environmental Covenant.

5. Activity and Use Limitations. As part of the remedial action described in the Closure Plan, Owner hereby imposes and agrees to comply with the following activity and use limitations:

a. Prohibition on Residential Use

The Property shall not be used for residential activities. The term "residential activities" shall include, but not be limited to, the following:

(i) Single and multi-family dwelling and rental units;
(ii) Day care centers, preschools and (K-12) educational facilities;
(iii) Correctional facilities;
(iv) Transient or other residential facilities; and
(v) Production of food-chain products by agricultural means for animal or human consumption.

b. Limitation Prohibiting Ground Water Extraction and Use
Ground water underlying the Property shall not be extracted or used for any purpose, potable or otherwise, except for investigation, monitoring and/or remediation of the ground water and for extraction in conjunction with construction or excavation activities.

c. Limitation on Future Building Occupancy – Remedy or Demonstration Obligation. Prior to human occupancy of any building constructed on the RCRA Unit either: (i) a remedy that eliminates indoor air vapor intrusion exposure to hazardous substances in soil or groundwater in excess of applicable standards shall be installed, operated and maintained as an engineering control under an operation and maintenance agreement; or (ii) a demonstration shall be made to the satisfaction of Ohio EPA, that the RCRA Unit complies with applicable standards for the vapor intrusion to the indoor air exposure pathway without further implementation of remedial activity. This limitation applies to any new building or building expansion constructed after the effective date of this Environmental Covenant.

If any event or action by or on behalf of a person who owns an interest in or holds an encumbrance on the Property, identified in paragraph 11 below, constitutes a breach of the activity and use limitations, Owner or Transferee shall notify Ohio EPA within thirty (30) days of becoming aware of the event or action, and shall remedy the breach of the activity and use limitations within sixty (60) days of becoming aware of the event or action, or such other time frame as may be agreed to by the Owner or Transferee and Ohio EPA.

6. Running with the Land. This Environmental Covenant shall be binding upon the Owner, during the time that the Owner owns the Property or any portion thereof, and upon all assigns and successors in interest, including any Transferee, and shall run with the land, pursuant to ORC § 5301.85, subject to amendment or termination as set forth herein. The term “Transferee,” as used in this Environmental Covenant, shall mean any future owner of any interest in the Property or any portion thereof, including, but not limited to, owners of an interest in fee simple, mortgagees, easement holders, and/or lessees.

7. Compliance Enforcement. Compliance with this Environmental Covenant may be enforced pursuant to ORC § 5301.91. Failure to timely enforce compliance with this Environmental Covenant or the activity and use limitations contained herein by any party shall not bar subsequent enforcement by such party and shall not be deemed a waiver of the party’s right to take action to enforce compliance. Nothing in this Environmental Covenant shall restrict the Director of Ohio EPA from exercising any authority under applicable law.

8. Rights of Access. Owner hereby grants to Ohio EPA’s authorized

representatives and the Holder the right of access to the Property for implementation or enforcement of this Environmental Covenant and shall require such access as a condition of any transfer of the Property or any portion thereof.

9. Compliance Reporting. Owner or any Transferee shall annually submit to Ohio EPA and to Holders (other than Owner) before June 1st of each year, written documentation, which complies with the requirements of OAC rule 3745-50-42(B)-(D), verifying that the activity and use limitations set forth herein remain in place and are being complied with in accordance with this Environmental Covenant.

10. Notice upon Conveyance. Each instrument hereafter conveying any interest in the Property or any portion of the Property that includes the RCRA Unit shall contain a notice of the activity and use limitations set forth in this Environmental Covenant, and provide the recorded location of this Environmental Covenant. The notice shall be substantially in the following form:

> THE INTEREST CONVEYED HEREBY IS SUBJECT TO AN ENVIRONMENTAL COVENANT, DATED_____, 20__, RECORDED IN THE DEED OR OFFICIAL RECORDS OF THE LAKE COUNTY RECORDER ON _____, 20__, IN DOCUMENT ____, *or* BOOK___, PAGE ____,. THE ENVIRONMENTAL COVENANT CONTAINS THE FOLLOWING ACTIVITY AND USE LIMITATIONS:
>
> **a. Prohibition on Residential Use**
>
> **b. Limitation Prohibiting Ground Water Extraction and Use**
>
> **c. Limitation on Future Building Occupancy – Remedy or Demonstration Obligation**.

Owner or Transferee, if applicable, shall notify Ohio EPA and any Holder (other than the Owner) within ten (10) days after each conveyance of an interest in the Property or any portion thereof. The notice shall include the name, address, and telephone number of the Transferee, a copy of the deed or other documentation evidencing the conveyance, and a survey map that shows the boundaries of the property being transferred.

11. Representations and Warranties. Owner hereby represents and warrants to the other signatories hereto:

A. that the Owner is the sole owner of the Property;

B. that the Owner holds fee simple title to the Property and that the Owner conducted a current title search that shows that the Property is not subject to any interests or encumbrances that conflict with the activity and use limitations set forth in this Environmental Covenant;

C. that the Owner has the power and authority to enter into this Environmental Covenant, to grant the rights and interests herein provided and to carry out all obligations hereunder;

D. that this Environmental Covenant will not materially violate or contravene or constitute a material default under any other agreement, document or instrument to which Owner is a party or by which Owner may be bound or affected; and

E. that the Owner has identified all other persons that own an interest in or hold an encumbrance on the Property.

12. Amendment or Termination. This Environmental Covenant may be amended or terminated by consent of all of the following: the Owner or a Transferee, if applicable; the Holder; and the Director of the Ohio EPA, pursuant to ORC § 5308.82 and 5301.90 and other applicable law. The term, "Amendment," as used in this Environmental Covenant, shall mean any changes to the Environmental Covenant, including the activity and use limitations set forth herein, or the elimination of one or more activity and use limitations when there is at least one limitation remaining. The term, "Termination," as used in this Environmental Covenant, shall mean the elimination of all activity and use limitations set forth herein and all other obligations under this Environmental Covenant.

This Environmental Covenant may be amended or terminated only by a written instrument duly executed by the Director of Ohio EPA and the Owner or Transferee and other Holder, or their assignees, if any of the Property or portion thereof, as applicable. Within thirty (30) days of signature by all requisite parties on any amendment or termination of this Environmental Covenant, the Owner or Transferee shall file such instrument for recording with the Lake County Recorder's Office, and shall provide a file and date-stamped copy of the recorded instrument to Ohio EPA and other Holders or their assignees, if any.

13. Severability. If any provision of this Environmental Covenant is found to be unenforceable in any respect, the validity, legality, and enforceability of the remaining provisions shall not in any way be affected or impaired.

14. Governing Law. This Environmental Covenant shall be governed by and

interpreted in accordance with the laws of the State of Ohio.

15. Recordation. Within thirty (30) days after the date of the final required signature upon this Environmental Covenant, Owner shall file this Environmental Covenant for recording, in the same manner as a deed to the Property, with the Lake County Recorder's Office. Owner shall certify to Ohio EPA that the Environmental Covenant has been filed for recording, and include with the certification a file and date-stamped copy of the Environmental Covenant

16. Effective Date. The effective date of this Environmental Covenant shall be the date upon which the fully executed Environmental Covenant has been recorded as a deed record for the Property with the Lake County Recorder.

17. Distribution of Environmental Covenant. The Owner shall distribute a file- and date-stamped copy of the recorded Environmental Covenant to: Ohio EPA, any other signatories to the Environmental Covenant; and the City of Wickliffe.

18. Notice. Unless otherwise notified in writing by or on behalf of the current owner or Ohio EPA, any document or communication required by this Environmental Covenant shall be submitted to:

As to Ohio EPA:
Division of Environmental Response and Revitalization
Ohio EPA – Central Office
Lazarus Government Center
Division of Environmental Response and Revitalization
PO Box 1049
Columbus, Ohio 43216-1049
Attn: DERR Records Management Officer

Or, send electronically to: records@epa.state.oh.us

And

Ohio EPA – Northeast District Office
2110 East Aurora Road
Twinsburg, Ohio 44087
Attn: DERR Site Coordinator for ABB Inc.

As to Owner:

29801 Euclid Ave LLC
5301 Grant Ave
Cleveland, Ohio 44125
Attn: Member(s)
[email address]
[phone]

As to Holder:

ABB Inc.
305 Gregson Drive
Cary, North Carolina 27511
Attn: John Fouts

The undersigned represents and certifies that the undersigned is authorized to execute this Environmental Covenant.

IT IS SO AGREED:

29801 Euclid Ave LLC

_____
Signature of Owner

_____ _____
Printed Name and Title Date

State of _____)
) ss:
County of _____)

Before me, a notary public, in and for said county and state, personally appeared _____, a duly authorized representative of 29801 Euclid Ave LLC, who acknowledged to me that *[he/she]* did execute the foregoing instrument on behalf of 29801 Euclid Ave LLC.

IN TESTIMONY WHEREOF, I have subscribed my name and affixed my official seal this _____day of _____, 20__.

_____
Notary Public

ABB Inc.

_____
Signature of Holder

_____ _____
Printed Name and Title Date

State of _____)
) ss:
County of_____)

Before me, a notary public, in and for said county and state, personally appeared _____, a duly authorized representative of ABB Inc., who acknowledged to me that *[he/she]* did execute the foregoing instrument on behalf of ABB Inc.

IN TESTIMONY WHEREOF, I have subscribed my name and affixed my official seal this ____day of _____, 20__.

_____
Notary Public

OHIO ENVIRONMENTAL PROTECTION AGENCY

_____ _____
Laurie A. Stevenson, Director Date

State of Ohio)
) ss:
County of Franklin)

Before me, a notary public, in and for said county and state, personally appeared Laurie A. Stevenson, the Director of Ohio EPA, who acknowledged to me that she did execute the foregoing instrument on behalf of Ohio EPA.

IN TESTIMONY WHEREOF, I have subscribed my name and affixed my official seal this _____day of _____, 20__.

_____
Notary Public

This instrument prepared by:

Joseph P. Koncelik
Tucker Ellis LLP
950 Main Avenue, Suite 1100
Cleveland, OH 44113

Sarah M Miles
Ohio EPA – Office of Legal Services
50 West Town Street
Columbus, OH 43215

Appendix B
Soil Boring Logs

SOIL BORING LOG

BORING NO. MW-08

Facility/Project Name:	Date Drilling Started:	Date Drilling Completed:	Project Number:
ABB: Closure of Former RCRA Unit	12/17/19	12/17/19	303069

Drilling Firm:	Drilling Method:	Surface Elev. (ft)	TOC Elevation (ft)	Total Depth (ft bgs)	Borehole Dia. (in)
AST	Geoprobe	654.3	653.96	18.5	8.25

Boring Location:	Personnel	Drilling Equipment:
N: 710876.9 E: 2250139.5	Logged By - K. Henry Driller - T. Keen	7822DT

Civil Town/City/or Village:	County:	State:	Water Level Observations:
Wickliffe	Lake County	Ohio	While Drilling: Date/Time Depth (ft bgs) After Drilling: Date/Time Depth (ft bgs)

SAMPLE NUMBER AND TYPE	RECOVERY (%)	BLOW COUNTS	DEPTH IN FEET	LITHOLOGIC DESCRIPTION	USCS	GRAPHIC LOG	PID (PPM)	COMMENTS
				CONCRETE 8-inches thick concrete, brown gravelly sand				
GP	50		2	**SANDY SILTY CLAY** Greenish-gray, medium soft, slightly moist, no odor	CL-ML		0.3 0.0	MW-08 from 0.0 to 2.0 ft. bgs sampled for VOCs, 1,4-dioxane, PAHs, PCBs, RCRA Metals, and Cyanide.
			4					
GP	100		6	**LEAN CLAY with SAND and GRAVEL** Orangish-brown, medium stiff, dry, no odor	CL		0.0 0.0	MW-08 from 5.0 to 7.0 ft. bgs sampled for VOCs, 1,4-dioxane, PAHs, PCBs, RCRA Metals, and Cyanide.
			8	**WEATHERED BEDROCK** Gray shale, soft				
			10					
			12					
			14					
			16					
			18					
				Boring terminated at 18.5 ft. bgs. Encountered competent bedrock (shale).				

Signature:
Firm: Cleveland
1382 W. 9th Street Cleveland, OH
Phone 216-344-3072
Fax

SOIL BORING LOG

BORING NO. MW-09

Facility/Project Name:	Date Drilling Started:	Date Drilling Completed:	Project Number:
ABB: Closure of Former RCRA Unit	12/18/19	12/18/19	303069

Drilling Firm:	Drilling Method:	Surface Elev. (ft)	TOC Elevation (ft)	Total Depth (ft bgs)	Borehole Dia. (in)
AST	Geoprobe	653.4	653.16	16.3	8.25

Boring Location:	Personnel	Drilling Equipment:
N: 711000.8 E: 2250152.3	Logged By - K. Henry Driller - T. Keen	7822DT

Civil Town/City/or Village:	County:	State:	Water Level Observations:
Wickliffe	Lake County	Ohio	While Drilling: Date/Time Depth (ft bgs) After Drilling: Date/Time Depth (ft bgs)

SAMPLE NUMBER AND TYPE	RECOVERY (%)	BLOW COUNTS	DEPTH IN FEET	LITHOLOGIC DESCRIPTION	USCS	GRAPHIC LOG	PID (PPM)	COMMENTS
				CONCRETE 8-inches thick concrete, brown gravelly sand				
GP	37.5		2	**SANDY SILTY CLAY** Orangish-gray, soft, slightly moist, mottle-like, no odor	CL-ML		0.0 0.0	MW-09 from 0.0 to 2.0 ft. bgs sampled for VOCs, 1,4-dioxane, PAHs, PCBs, RCRA Metals, and Cyanide. DUP-03-SO was collected.
			4	-stiff			0.0	
GP	100		6	**LEAN CLAY with SAND and GRAVEL** Orangish-gray, hard, dry, mottle-like, no odor	CL		0.0	MW-09 from 6.0 to 8.0 ft. bgs sampled for VOCs, 1,4 dioxane, PAHs, PCBs, RCRA Metals, and Cyanide.
GP	100		8	**WEATHERED BEDROCK** Gray shale, soft				
			10					
			12					
			14					
			16	Boring terminated at 16.3 ft. bgs. Encountered competent bedrock (shale).				
			18					

Signature:	Firm: Cleveland 1382 W. 9th Street Cleveland, OH	Phone 216-344-3072 Fax

SOIL BORING LOG

BORING NO. MW-10

Facility/Project Name:	Date Drilling Started:	Date Drilling Completed:	Project Number:
ABB: Closure of Former RCRA Unit	12/18/19	12/18/19	303069

Drilling Firm:	Drilling Method:	Surface Elev. (ft)	TOC Elevation (ft)	Total Depth (ft bgs)	Borehole Dia. (in)
AST	Geoprobe	653.6	653.10	15.0	8.25

Boring Location:	Personnel	Drilling Equipment:
N: 710885.7 E: 2250062.6	Logged By - K. Henry Driller - T. Keen	7822DT

Civil Town/City/or Village:	County:	State:	Water Level Observations:
Wickliffe	Lake County	Ohio	While Drilling: Date/Time Depth (ft bgs) After Drilling: Date/Time Depth (ft bgs)

SAMPLE NUMBER AND TYPE	RECOVERY (%)	BLOW COUNTS	DEPTH IN FEET	LITHOLOGIC DESCRIPTION	USCS	GRAPHIC LOG	PID (PPM)	COMMENTS
				CONCRETE 8-inches thick concrete, asphalt				
GP	37.5		2	**SANDY SILTY CLAY** Gray, moist, no odor	CL-ML		0.0	MW-10 from 0.0 to 2.0 ft. bgs sampled for VOCs, 1,4-dioxane, PAHs, PCBs, RCRA Metals, and Cyanide.
			4	-Orangish-gray, soft, slightly moist, mottle-like, no odor			0.0	
GP	100		6	**LEAN CLAY with SAND and GRAVEL** Orangish-gray, hard, dry, mottle-like, no odor	CL		0.0	MW-10 from 6.0 to 8.0 ft. bgs sampled for VOCs, 1,4 dioxane, PAHs, PCBs, RCRA Metals, and Cyanide.
			8	**WEATHERED BEDROCK** Gray shale, soft				
			10					
			12					
			14					
			16	Boring terminated at 15.0 ft. bgs. Encountered competent bedrock (shale).				
			18					

Signature:
Firm: Cleveland
1382 W. 9th Street Cleveland, OH
Phone 216-344-3072
Fax

SOIL BORING LOG

BORING NO. MW-11

Facility/Project Name:	Date Drilling Started:	Date Drilling Completed:	Project Number:
ABB: Closure of Former RCRA Unit	12/17/19	12/18/19	303069

Drilling Firm:	Drilling Method:	Surface Elev. (ft)	TOC Elevation (ft)	Total Depth (ft bgs)	Borehole Dia. (in)
AST	Geoprobe	654.6	654.20	15.0	8.25

Boring Location:	Personnel	Drilling Equipment:
N: 710808.8 E: 2250069.6	Logged By - K. Henry Driller - T. Keen	7822DT

Civil Town/City/or Village:	County:	State:	Water Level Observations:
Wickliffe	Lake County	Ohio	While Drilling: Date/Time Depth (ft bgs) After Drilling: Date/Time Depth (ft bgs)

SAMPLE NUMBER AND TYPE	RECOVERY (%)	BLOW COUNTS	DEPTH IN FEET	LITHOLOGIC DESCRIPTION	USCS	GRAPHIC LOG	PID (PPM)	COMMENTS
GP	62.5		2	**SANDY GRAVEL, FILL** Grayish-brown, loose, moist, sub-rounded, no odor -white, dry			0.0	MW-11 from 0.0 to 2.0 ft. bgs sampled for VOCs, 1,4-dioxane, PAHs, PCBs, RCRA Metals, and Cyanide.
			4	**SANDY SILTY CLAY** Yellowish-brown, medium stiff, dry, no odor -Greenish-gray, medium stiff, moist, mottle-like, no odor	CL-ML		0.1	MW-11 from 4.0 to 6.0 ft. bgs sampled for VOCs, 1,4 dioxane, PAHs, PCBs, RCRA Metals, and Cyanide.
GP	100		6	**LEAN CLAY with SAND and GRAVEL** Orangish-gray, medium soft, dry, mottle-like, no odor	CL		0.7	
			8	**WEATHERED BEDROCK** Gray shale, soft				
			10					
			12					
			14					
			16	Boring terminated at 15.0 ft. bgs. Encountered competent bedrock (shale).				
			18					

Signature:	Firm: Cleveland 1382 W. 9th Street Cleveland, OH	Phone 216-344-3072 Fax

SOIL BORING LOG

BORING NO. MW-12

Facility/Project Name:	Date Drilling Started:	Date Drilling Completed:	Project Number:
ABB: Closure of Former RCRA Unit	12/18/19	12/18/19	303069

Drilling Firm:	Drilling Method:	Surface Elev. (ft)	TOC Elevation (ft)	Total Depth (ft bgs)	Borehole Dia. (in)
AST	Geoprobe	654.5	657.03	17.3	8.25

Boring Location:	Personnel	Drilling Equipment:
N: 710858.4 E: 2249924.0	Logged By - K. Henry Driller - T. Keen	7822DT

Civil Town/City/or Village:	County:	State:	Water Level Observations:
Wickliffe	Lake County	Ohio	While Drilling: Date/Time Depth (ft bgs) After Drilling: Date/Time Depth (ft bgs)

SAMPLE NUMBER AND TYPE	RECOVERY (%)	BLOW COUNTS	DEPTH IN FEET	LITHOLOGIC DESCRIPTION	USCS	GRAPHIC LOG	PID (PPM)	COMMENTS
GP	62.5		2	**TOPSOIL** Sandy silt with root fragments and decaying matter			0.0 0.0	MW-12 from 0.0 to 2.0 ft. bgs sampled for VOCs, 1,4-dioxane, PAHs, PCBs, RCRA Metals, and Cyanide.
GP	100		4 6	**LEAN CLAY with SAND and GRAVEL** Orangish-gray, stiff, dry, mottle-like, no odor.	CL		0.0	MW-12 from 4.0 to 6.0 ft. bgs sampled for VOCs, 1,4 dioxane, PAHs, PCBs, RCRA Metals, and Cyanide.
GP	100		8	**WEATHERED BEDROCK** Gray shale, soft			0.0	
			10 12 14 16					
			18	Boring terminated at 17.3 ft. bgs. Encountered competent bedrock (shale).				

Signature:

Firm: Cleveland
1382 W. 9th Street Cleveland, OH

Phone 216-344-3072
Fax

SOIL BORING LOG

BORING NO. MW-13

Facility/Project Name:	Date Drilling Started:	Date Drilling Completed:	Project Number:
ABB: Closure of Former RCRA Unit	01/27/20	01/27/20	303069

Drilling Firm:	Drilling Method:	Surface Elev. (ft)	TOC Elevation (ft)	Total Depth (ft bgs)	Borehole Dia. (in)
AST	Geoprobe	651.1	653.58	16.0	8.25

Boring Location:	Personnel	Drilling Equipment:
N: 710836.3 E: 2249596.4	Logged By - K. Henry Driller - T. Keen	7822DT

Civil Town/City/or Village:	County:	State:	Water Level Observations:		
Wickliffe	Lake County	Ohio	While Drilling:	Date/Time	Depth (ft bgs)
			After Drilling:	Date/Time	Depth (ft bgs)

SAMPLE NUMBER AND TYPE	RECOVERY (%)	BLOW COUNTS	DEPTH IN FEET	LITHOLOGIC DESCRIPTION	USCS	GRAPHIC LOG	PID (PPM)	COMMENTS
				TOPSOIL				
GP	62.5		2	**SANDY SILTY CLAY** Orangish-gray, dense, dry, mottle-like, no odor	CL-ML		0.0 0.0	MW-13 from 0.0 to 2.0 ft. bgs sampled for VOCs, 1,4-dioxane, PAHs, PCBs, RCRA Metals, and Cyanide.
GP	100		4 6	**LEAN CLAY with SAND and GRAVEL** orangish-gray, hard, dry, mottle-like, no odor -gray	CL		0.0 0.0 0.0	MW-13 from 4.0 to 6.0 ft. bgs sampled for VOCs, 1,4 dioxane, PAHs, PCBs, RCRA Metals, and Cyanide.
			8 10 12 14	**WEATHERED BEDROCK** Gray shale, soft				
			16 18	Boring terminated at 16.0 ft. bgs. Encountered competent bedrock (shale).				

Signature:	Firm: Cleveland 1382 W. 9th Street Cleveland, OH	Phone 216-344-3072 Fax

SOIL BORING LOG

BORING NO. MW-14

Facility/Project Name:	Date Drilling Started:	Date Drilling Completed:	Project Number:
ABB: Closure of Former RCRA Unit	01/27/20	01/28/20	303069

Drilling Firm:	Drilling Method:	Surface Elev. (ft)	TOC Elevation (ft)	Total Depth (ft bgs)	Borehole Dia. (in)
AST	Geoprobe	650.9	653.58	16.2	8.25

Boring Location:	Personnel	Drilling Equipment:
N: 710949.2 E: 2249662.5	Logged By - K. Henry Driller - T. Keen	7822DT

Civil Town/City/or Village:	County:	State:	Water Level Observations:
Wickliffe	Lake County	Ohio	While Drilling: Date/Time Depth (ft bgs) After Drilling: Date/Time Depth (ft bgs)

SAMPLE NUMBER AND TYPE	RECOVERY (%)	BLOW COUNTS	DEPTH IN FEET	LITHOLOGIC DESCRIPTION	USCS	GRAPHIC LOG	PID (PPM)	COMMENTS
				TOPSOIL				
GP	50		2	**FILL** Bricks			0.0	MW-14 from 0.0 to 2.0 ft. bgs sampled for VOCs, 1,4-dioxane, PAHs, PCBs, RCRA Metals, and Cyanide.
				SANDY SILTY CLAY Black orangish-gray, medium soft, dry, mottle-like, no odor	CL-ML		0.0	
			4	**LEAN CLAY with SAND and GRAVEL** orangish-gray, hard, dry, mottle-like, no odor				
GP	0		6		CL			
				WEATHERED BEDROCK Gray shale, soft				
			8					
			10					
			12					
			14					
			16					
				Boring terminated at 16.2 ft. bgs. Encountered competent bedrock (shale).				
			18					

Signature:

Firm: Cleveland
1382 W. 9th Street Cleveland, OH

Phone 216-344-3072
Fax

SOIL BORING LOG	**Proj #3031170036**	CLIENT:	**ABB**
WELL NO:	**SB-1 / MW-5**	LOCATION:	**Wickliffe, OH**
DATE:	**12/11/2017**	WEATHER:	**High 20s - Low 30s Snow**
LOCATED BY:	**OUPS**	DRILLED BY:	**Envirocore**
DRILLING METHOD:	**Hand Auger/GeoProbe/H.S.A**	SAMPLING METHOD:	**Continuous Sampling**
GRAVEL PACK:		SEAL:	**Bentonite**

CASING TYPE	**PVC**	DIAMETER	**2"**	LENGTH: **3.5'**	HOLE DIA. **6.25"**
SCREEN TYPE	**PVC**	DIAMETER	**2"**	LENGTH: **10'**	TOTAL WELL DEPTH **13.5'**

MOISTURE CONTENT	SORTING	DENSITY	RECOVERY	ORGANIC VAPOR (PPM)	SOIL SAMPLING	DEPTH	CLASSIFICATION	BLOW COUNTS	LITHOLOGY / REMARKS		WELL COMPLETION
Dry			Hand Auger	0.5	☼ Sample (0' - 1.5')	0	FILL		0' - 0.5'	Topsoil- grass, roots	BEN-SEAL; 2.5' - Surface
						1			0.5' - 1'	Brown-gray, fine sand with angular coarse sandy fill, dry	
Moist									1' - 1.5'	Brown-gray, angular coarse sandy fill with clay matrix, moist	
Wet				0.5		2	CLAY		1.5' - 4'	Dark gray-brown, high-medium stiff, low plasticity, silty clay with angular gravel, wet	SAND; 2.5' - 13.5'
						3					
						4					
				0.4		5			4' - 5'	Light brown-light gray, stiff, low plasticity, silty clay, wet	
			31"	0.4		6			5' - 8'	Blue-gray, medium stiff, medium plasticity, silty clay, wet	
				3.3		7					
						8					
Dry				6.2		9	SHALE		8' - 13.5'	Gray, weathered laminated shale, dry	
			47"/ 42"			10					
				2.0		11					
						12					
				1.8		13					

Refusal at 13.5'

2" Well Set at 13.5' - Screen 3.5'-13.5' - Flushmount Finish

LEGEND: SAND; BACKFILL; CASING; SCREEN; BENTONITE; GROUT/CEMENT SLURRY; INITIAL WATER LEVEL; STATIC WATER LEVEL; ☼ SAMPLE SUBMITTED FOR LAB ANALYSIS

SOIL BORING LOG	**Proj #3031170036**	CLIENT:	**ABB**
WELL NO:	**SB-2 / MW-6**	LOCATION:	**Wickliffe, OH**
DATE:	**12/11/2017**	WEATHER:	**High 20s Snow**
LOCATED BY:	**OUPS**	DRILLED BY:	**Envirocore**
DRILLING METHOD:	**Hand Auger/GeoProbe/H.S.A**	SAMPLING METHOD:	**Continuous Sampling**
GRAVEL PACK:		SEAL:	**Bentonite**

CASING TYPE	**PVC**	DIAMETER	**2"**	LENGTH: **3'**	HOLE DIA. **6.25"**
SCREEN TYPE	**PVC**	DIAMETER	**2"**	LENGTH: **10'**	TOTAL WELL DEPTH **13'**

MOISTURE CONTENT	SORTING	DENSITY	RECOVERY	ORGANIC VAPOR (PPM)	SOIL SAMPLING	DEPTH	CLASSIFICATION	BLOW COUNTS	LITHOLOGY / REMARKS		WELL COMPLETION
Dry			Hand Auger	2.7	Sample (0' - 1.5')	0	FILL		0' - 0.5'	Topsoil, grass, roots	BEN-SEAL
Moist						1			0.5' - 1'	Gray-brown, sandy gravel fill, moist	
Wet						2	CLAY		1' - 3'	Dark gray, medium-high stiff, medium plasticity, silty clay, wet with strong solvent odor	2" - Surface
				45.1		3					SAND
						4			3' - 5'	Light gray, medium stiff, medium plasticity, silty clay with trace gravel, wet	
				188.2		5					
Dry			40" / 36"	239.9	Sample (5' - 7')	6			5' - 7'	Light gray-reddish brown, medium stiff, low plasticity, silty clay, dry	
				135.6		7					
						8	SHALE		7' - 12'	Light gray, weathered shale, dry	2' - 14'
			32"	2.6		9					
						10					
				0.9		11					
						12					
			Hollow Stem Auger	7.1		13			12' - 27'	Light gray, weathered shale, dry (powdered by H.S.A.)	
						14					
				19.6		15					2" Well Set at 13' - Screen 3'-13' - Flushmount Finish
						16					
				18.6		17					
						18					
				14.1		19					
						20					
				8.6		21					
						22					
				19.3		23					
						24					
				16.9		25					
						26					
				17.1		27					

Terminated at 27'

LEGEND: SAND, BACKFILL, CASING, SCREEN, BENTONITE, GROUT/CEMENT SLURRY

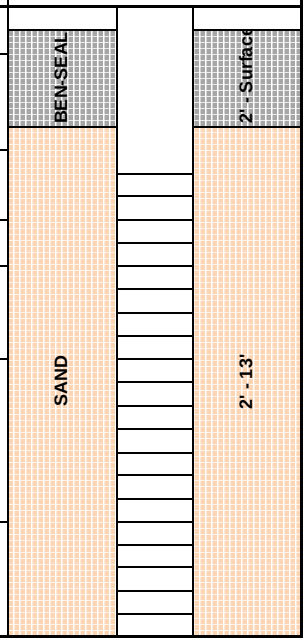
SAMPLE SUBMITTED FOR LAB ANALYSIS

SOIL BORING LOG	**Proj #3031170036**	CLIENT:	**ABB**
WELL NO:	**SB-3 / MW-7**	LOCATION:	**Wickliffe, OH**
DATE:	**12/11/2017 & 12/12/2017**	WEATHER:	**High 20s**
LOCATED BY:	**OUPS**	DRILLED BY:	**Envirocore**
DRILLING METHOD:	**Hand Auger/GeoProbe/H.S.A**	SAMPLING METHOD:	**Continuous Sampling**
GRAVEL PACK:		SEAL:	**Bentonite**

CASING TYPE	**PVC**	DIAMETER	**2"**	LENGTH: **3'**	HOLE DIA. **6.25"**
SCREEN TYPE	**PVC**	DIAMETER	**2"**	LENGTH: **10'**	TOTAL WELL DEPTH **13'**

MOISTURE CONTENT	SORTING	DENSITY	RECOVERY	ORGANIC VAPOR (PPM)	SOIL SAMPLING	DEPTH	CLASSIFICATION	BLOW COUNTS	LITHOLOGY / REMARKS	
Dry			Hand Auger	3.8	Sample (0' - 2)	0, 1, 2	FILL		0' - 0.5'	Topsoil, grass, roots, dry
									0.5' - 2.5'	Gray-brown, sandy gravel fill with clay matrix, dry
Moist				27.1		3, 4	CLAY		2.5' - 4'	Blue-gray to brown, low-medium stiff, medium-high plasticity, silty clay, moist
				62.3		5			4' - 5'	Blue-gray to brown, medium stiff, medium plasticity, silty clay, moist
Dry			41"	9.0		6			5' - 7'	Blue-gray to brown, high stiff, low plasticity, silty clay, dry
				52.3		7, 8	SHALE		7' - 10.5'	Gray, weathered shale, dry
			33"	128.5	Sample (8' - 10')	9, 10				
			Hollow Stem Auger	6.9		11, 12, 13			10.5' - 13'	Gray, weathered shale, dry

WELL COMPLETION



Terminated at 13'

2" Well Set at 13' - Screen 3'-13' - Flushmount Finish

LEGEND: SAND, BACKFILL, CASING, SCREEN, BENTONITE, GROUT/CEMENT SLURRY

SAMPLE SUBMITTED FOR LAB ANALYSIS

SOIL BORING LOG	**Proj #3031170036**	CLIENT:	**ABB**
WELL NO:	**SB-4**	LOCATION:	**Wickliffe, OH**
DATE:	**12/12/2017**	WEATHER:	**Low-Mid 20s Snow**
LOCATED BY:	**OUPS**	DRILLED BY:	**Envirocore**
DRILLING METHOD:	**Hand Auger/GeoProbe**	SAMPLING METHOD:	**Continuous Sampling**
GRAVEL PACK:		SEAL:	**Bentonite**

CASING TYPE	DIAMETER	LENGTH:	HOLE DIA. **2"**
SCREEN TYPE	DIAMETER	LENGTH:	TOTAL HOLE DEPTH **8'**

MOISTURE CONTENT	SORTING	DENSITY	RECOVERY	ORGANIC VAPOR (PPM)	SOIL SAMPLING	DEPTH	CLASSIFICATION	BLOW COUNTS	LITHOLOGY / REMARKS		WELL COMPLETION
Dry			Hand Auger	0.5	Sample (0' - 2')	0	FILL		0' - 0.5'	Topsoil, grass, roots	No Well Installed
						1			0.5' - 1'	Dark gray-gray, gravelly sandy fill with wood and roots, dry	
									1' - 1.5'	Gray-dark brown, medium stiff, medium plasticity, silty clay with gravel, dry	
Moist						2	CLAY		1.5' - 3'	Reddish brown-gray, medium stiff, medium-high plasticity, silty clay with organics, moist	
				0.6		3					
						4			3' - 4'	Dark gray, medium-low stiff, medium plasticity, silty clay, moist	
Dry				1.7		5			4' - 5'	Blue gray-reddish brown, medium stiff, medium plasticity, dry	
Moist			34"	1.2		6			5' - 7.5'	Gray-brown, medium-low stiff, medium-high plasticity, silty clay, moist	
				2.5	Sample (6' - 8')	7					
Dry						8	SHALE		7.5' - 8'	Gray, weathered shale, dry	

Terminated at 8'

LEGEND: SAND, BACKFILL, CASING, SCREEN, BENTONITE, GROUT/CEMENT SLURRY

SAMPLE SUBMITTED FOR LAB ANALYSIS

SOIL BORING LOG	**Proj #3031170036**	CLIENT:	**ABB**
WELL NO:	**SB-5**	LOCATION:	**Wickliffe, OH**
DATE:	**12/12/2017**	WEATHER:	**Low-Mid 20s Snow**
LOCATED BY:	**OUPS**	DRILLED BY:	**Envirocore**
DRILLING METHOD:	**Hand Auger/GeoProbe**	SAMPLING METHOD:	**Continuous Sampling**
GRAVEL PACK:		SEAL:	**Bentonite**

CASING TYPE	DIAMETER	LENGTH:	HOLE DIA. **2"**
SCREEN TYPE	DIAMETER	LENGTH:	TOTAL HOLE DEPTH **8'**

MOISTURE CONTENT	SORTING	DENSITY	RECOVERY	ORGANIC VAPOR (PPM)	SOIL SAMPLING	DEPTH	CLASSIFICATION	BLOW COUNTS	LITHOLOGY / REMARKS		WELL COMPLETION
Dry			Hand Auger	4.3	☼ Sample (0' - 2')	0	FILL		0' - 0.5'	Topsoil, grass, roots	No Well Installed
						1			0.5' - 1'	Dark gray, gravelly sandy fill with clay matrix, dry	
Wet									1' - 1.5'	Gray, sandy clay fill with gravel, wet	
						2	CLAY		1.5' - 4'	Red brown-gray, medium-high stiff, low plasticity, silty clay, moist	
Moist				1.4	☼ Sample (2' - 4')	3					
						4					
Dry				1.0		5			4' - 5'	Red brown-gray, medium stiff, medium plasticity, silty clay, dry	
			38"/36"	0.7		6			5' - 6.5'	Red brown-gray, high stiff, low plasticity, silty clay, dry	
				0.8		7			6.5' - 7'	Gray-red brown, stiff, low plasticity, silty clay with basal shale, dry	
						8	SHALE		7' - 8'	Gray, weathered shale, dry	

Terminated at 8'

LEGEND: SAND, BACKFILL, CASING, SCREEN, BENTONITE, GROUT/CEMENT SLURRY

☼ SAMPLE SUBMITTED FOR LAB ANALYSIS

SOIL BORING LOG	**Proj #3031170036**	CLIENT:	**ABB**
WELL NO:	**SB-6**	LOCATION:	**Wickliffe, OH**
DATE:	**12/12/2017**	WEATHER:	**Low 20s**
LOCATED BY:	**OUPS**	DRILLED BY:	**Envirocore**
DRILLING METHOD:	**Hand Auger/GeoProbe**	SAMPLING METHOD:	**Continuous Sampling**
GRAVEL PACK:		SEAL:	**Bentonite**

CASING TYPE	DIAMETER	LENGTH:	HOLE DIA. **2"**
SCREEN TYPE	DIAMETER	LENGTH:	TOTAL HOLE DEPTH **8'**

MOISTURE CONTENT	SORTING	DENSITY	RECOVERY	ORGANIC VAPOR (PPM)	SOIL SAMPLING	DEPTH	CLASSIFICATION	BLOW COUNTS	LITHOLOGY / REMARKS		WELL COMPLETION
Dry			Hand Auger	1.4	Sample (0' - 2')	0	FILL		0' - 0.5'	Topsoil, grass, roots	No Well Installed
Moist						1			0.5' - 2'	Dark gray, low stiff, medium-high plasticity, silty clay with some coarse sandy fill, moist	
						2					
				1.5		3	CLAY		2' - 5'	Gray-brown, medium-high stiff, low-medium plasticity, silty clay, moist	
						4					
				3.8		5					
Dry			38"/36"	12.2		6			5' - 7'	Gray-brown, high stiff, low-medium plasticity, silty clay, dry	
				211.9	Sample (6' - 8')	7					
						8	SHALE		7' - 8'	Gray, weathered shale, dry	

Terminated at 8'

LEGEND: SAND, BACKFILL, CASING, SCREEN, BENTONITE, GROUT/CEMENT SLURRY

SAMPLE SUBMITTED FOR LAB ANALYSIS

SOIL BORING LOG	**Proj #3031170036**	CLIENT:	**ABB**
WELL NO:	**SB-7**	LOCATION:	**Wickliffe, OH**
DATE:	**12/12/2017**	WEATHER:	**Low 20s**
LOCATED BY:	**OUPS**	DRILLED BY:	**Envirocore**
DRILLING METHOD:	**Hand Auger/GeoProbe**	SAMPLING METHOD:	**Continuous Sampling**
GRAVEL PACK:		SEAL:	**Bentonite**

CASING TYPE	DIAMETER	LENGTH:	HOLE DIA. **2"**
SCREEN TYPE	DIAMETER	LENGTH:	TOTAL HOLE DEPTH **8'**

MOISTURE CONTENT	SORTING	DENSITY	RECOVERY	ORGANIC VAPOR (PPM)	SOIL SAMPLING	DEPTH	CLASSIFICATION	BLOW COUNTS	LITHOLOGY / REMARKS		WELL COMPLETION
Dry			Hand Auger	0.6	☼ Sample (0' - 2')	0	FILL		0' - 0.5'	Topsoil, grass, roots, dry	No Well Installed
Moist						1	CLAY		0.5' - 4'	Gray-reddish brown, medium stiff, medium plasticity, silty clay, moist	
						2					
				12.2		3					
						4					
Dry				148.3	☼ Sample (4' - 6')	5			4' - 5'	Red brown, low-medium stiff, low plasticity, silty clay, dry	
			38"/36"	335.9		6			5' - 6.5'	Gray-reddish brown, high stiff, low plasticity, very dry, laminated silty clay	
				156.7		7	SHALE		6.5' - 8'	Gray, weathered shale, dry	
						8					

Terminated at 8'

LEGEND: SAND, BACKFILL, CASING, SCREEN, BENTONITE, GROUT/CEMENT SLURRY

☼ SAMPLE SUBMITTED FOR LAB ANALYSIS

SOIL BORING LOG	**Proj #3031170036**	CLIENT:	**ABB**
WELL NO:	**SB-8**	LOCATION:	**Wickliffe, OH**
DATE:	**12/12/2017**	WEATHER:	**Low 20s**
LOCATED BY:	**OUPS**	DRILLED BY:	**Envirocore**
DRILLING METHOD:	**Hand Auger/GeoProbe**	SAMPLING METHOD:	**Continuous Sampling**
GRAVEL PACK:		SEAL:	**Bentonite**

CASING TYPE	DIAMETER	LENGTH:	HOLE DIA. **2"**
SCREEN TYPE	DIAMETER	LENGTH:	TOTAL HOLE DEPTH **8'**

MOISTURE CONTENT	SORTING	DENSITY	RECOVERY	ORGANIC VAPOR (PPM)	SOIL SAMPLING	DEPTH	CLASSIFICATION	BLOW COUNTS	LITHOLOGY / REMARKS		WELL COMPLETION
Dry			Hand Auger	0.7	☼ Sample (0' - 2')	0	FILL		0' - 0.5'	Topsoil, grass, roots, dry	No Well Installed
Moist						1			0.5' - 2'	Dark brown-gray, medium-low stiff, high plasticity, silty clay, moist	
						2					
				1.0		3	CLAY		2' - 3.5'	Bluish gray-reddish brown, silty clay, moist	
					☼ Sample (3' - 5')	4			3.5' - 4.5'	Gray-reddish brown, high stiff, low plasticity, silty clay, moist	
				2.8		5					
Dry			43"/36"	0.9		6			4.5' - 6.5'	Gray-brown, high stiff, low plasticity, silty clay, dry	
				0.4		7	SHALE		6.5' - 8'	Gray, weathered shale, dry	
						8					

Terminated at 8'

LEGEND: SAND, BACKFILL, CASING, SCREEN, BENTONITE, GROUT/CEMENT SLURRY

☼ SAMPLE SUBMITTED FOR LAB ANALYSIS

SOIL BORING LOG	**Proj #3031170036**	CLIENT:	**ABB**
WELL NO:	**SB-9**	LOCATION:	**Wickliffe, OH**
DATE:	**12/12/2017**	WEATHER:	**Low 20s**
LOCATED BY:	**OUPS**	DRILLED BY:	**Envirocore**
DRILLING METHOD:	**Hand Auger/GeoProbe**	SAMPLING METHOD:	**Continuous Sampling**
GRAVEL PACK:		SEAL:	**Bentonite**

CASING TYPE	DIAMETER	LENGTH:	HOLE DIA. **2"**
SCREEN TYPE	DIAMETER	LENGTH:	TOTAL HOLE DEPTH **8'**

MOISTURE CONTENT	SORTING	DENSITY	RECOVERY	ORGANIC VAPOR (PPM)	SOIL SAMPLING	DEPTH	CLASSIFICATION	BLOW COUNTS	LITHOLOGY / REMARKS		WELL COMPLETION
Dry			Hand Auger	0.9	Sample (0' - 2')	0	FILL		0' - 0.5'	Topsoil, grass, roots, dry	No Well Installed
						1			0.5' - 1.5'	Dark gray-brown, medium stiff, medium plasticity, silty clay with trace fill gravel, moist	
Moist						2	CLAY		1.5' - 3'	Reddish brown-dark gray, medium-high stiff, medium plasticity, silty clay, moist	
				8.8		3					
Dry						4			3' - 5'	Gray-brown, medium-high stiff, low plasticity, silty clay, dry	
				14.2		5					
			34"	26.7		6			5' - 7.5'	Gray-brown, high stiff, low plasticity, silty clay, dry	
				344.4	Sample (6' - 8')	7					
						8	SHALE		7.5' - 8'	Gray, weathered shale, dry	

Terminated at 8'

LEGEND: SAND, BACKFILL, CASING, SCREEN, BENTONITE, GROUT/CEMENT SLURRY

SAMPLE SUBMITTED FOR LAB ANALYSIS

SOIL BORING LOG	**Proj #3031170036**	CLIENT:	**ABB**
WELL NO:	**SB-10**	LOCATION:	**Wickliffe, OH**
DATE:	**12/12/2017**	WEATHER:	**Low 20s Snow**
LOCATED BY:	**OUPS**	DRILLED BY:	**Envirocore**
DRILLING METHOD:	**Hand Auger/GeoProbe**	SAMPLING METHOD:	**Continuous Sampling**
GRAVEL PACK:		SEAL:	**Bentonite**

CASING TYPE	DIAMETER	LENGTH:	HOLE DIA. **2"**
SCREEN TYPE	DIAMETER	LENGTH:	TOTAL HOLE DEPTH **8'**

MOISTURE CONTENT	SORTING	DENSITY	RECOVERY	ORGANIC VAPOR (PPM)	SOIL SAMPLING	DEPTH	CLASSIFICATION	BLOW COUNTS	LITHOLOGY / REMARKS		WELL COMPLETION
Dry			Hand Auger	17.1	☼ Sample (0' - 2')	0	FILL		0' - 8"	Concrete	No Well Installed
Wet						1			8" - 1.5'	Dark gray, gravelly sandy fill, wet with strong solvent odor	
Moist						2	CLAY		1.5' - 4'	Dark gray-brown, medium-high stiff, low-medium plasticity, silty clay, moist	
				1.8	☼ Sample (2' - 4')	3					
						4					
				0.9		5			4' - 6.5'	Light brown-light gray, medium stiff, medium plasticity, silty clay, moist	
			35"	1.6		6					
Dry				0.7		7			6.5' - 7.5'	Light brown-light gray, high stiff, low plasticity, silty clay, dry	
						8	SHALE		7.5' - 8'	Gray, weathered shale, dry	

Terminated at 8'

LEGEND: SAND, BACKFILL, CASING, SCREEN, BENTONITE, GROUT/CEMENT SLURRY

☼ SAMPLE SUBMITTED FOR LAB ANALYSIS

SOIL BORING LOG	**Proj #3031170036**	CLIENT:	**ABB**
WELL NO:	**SB-11**	LOCATION:	**Wickliffe, OH**
DATE:	**12/13/2017**	WEATHER:	**Low 20s Snow**
LOCATED BY:	**OUPS**	DRILLED BY:	**Envirocore**
DRILLING METHOD:	**Hand Auger/GeoProbe**	SAMPLING METHOD:	**Continuous Sampling**
GRAVEL PACK:		SEAL:	**Bentonite**

CASING TYPE	DIAMETER	LENGTH:	HOLE DIA. **2"**
SCREEN TYPE	DIAMETER	LENGTH:	TOTAL HOLE DEPTH **8'**

MOISTURE CONTENT	SORTING	DENSITY	RECOVERY	ORGANIC VAPOR (PPM)	SOIL SAMPLING	DEPTH	CLASSIFICATION	BLOW COUNTS	LITHOLOGY / REMARKS		WELL COMPLETION
Dry			Hand Auger	13.6	Sample (0' - 2')	0	FILL		0' - 8"	Concrete	No Well Installed
						1			8" - 1.5'	Dark gray, gravelly sandy fill, dry	
Moist				4.2		2	CLAY		1.5' - 3.5'	Dark gray-bluish green, medium-high stiff, low-medium plasticity, silty clay, moist with solvent odor	
						3					
				3.4		4			3.5' - 6'	Brown-gray, medium stiff, medium plasticity, silty clay, moist	
						5					
			33"	2.9		6					
				58.8	Sample (6' - 8')	7			6' - 7.5'	Brown-gray, high stiff, low plasticity, silty clay, moist	
Dry						8	SHALE		7.5' - 8'	Gray, weathered shale, dry	

Terminated at 8'

LEGEND: SAND, BACKFILL, CASING, SCREEN, BENTONITE, GROUT/CEMENT SLURRY

SAMPLE SUBMITTED FOR LAB ANALYSIS

SOIL BORING LOG	**Proj #3031170036**	CLIENT:	**ABB**
WELL NO:	**SB-12**	LOCATION:	**Wickliffe, OH**
DATE:	**12/13/2017**	WEATHER:	**Low 20s Snow**
LOCATED BY:	**OUPS**	DRILLED BY:	**Envirocore**
DRILLING METHOD: **Hand Auger/GeoProbe**		SAMPLING METHOD:	**Continuous Sampling**
GRAVEL PACK:		SEAL:	**Bentonite**

CASING TYPE	DIAMETER	LENGTH:	HOLE DIA. **2"**
SCREEN TYPE	DIAMETER	LENGTH:	TOTAL HOLE DEPTH **8'**

MOISTURE CONTENT	SORTING	DENSITY	RECOVERY	ORGANIC VAPOR (PPM)	SOIL SAMPLING	DEPTH	CLASSIFICATION	BLOW COUNTS	LITHOLOGY / REMARKS		WELL COMPLETION
Dry			Hand Auger	4.2	☼ Sample (0' - 2')	0, 1, 2	FILL		0' - 8"	Concrete	No Well Installed
									8" - 1.5'	Dark gray, gravelly sandy fill, dry	
									1.5' - 2'	Black-dark gray, medium stiff, medium plasticity sandy clay fill with gravel, moist	
Moist				16.4		3, 4	CLAY		2' - 5.5'	Light gray, medium stiff, medium plasticity, silty clay, moist	
				18.6	☼ Sample (4' - 6')	5					
			37"/36"	12.6		6			5.5' - 7'	Light gray, high stiff, low plasticity, silty clay, dry	
Dry				32.8		7					
						8	SHALE		7' - 8'	Gray, weathered shale, dry	

Terminated at 8'

LEGEND: SAND, BACKFILL, CASING, SCREEN, BENTONITE, GROUT/CEMENT SLURRY

☼ SAMPLE SUBMITTED FOR LAB ANALYSIS

SOIL BORING LOG	**Proj #3031170036**	CLIENT:	**ABB**
WELL NO:	**SB-13**	LOCATION:	**Wickliffe, OH**
DATE:	**12/13/2017**	WEATHER:	**Low 20s Snow**
LOCATED BY:	**OUPS**	DRILLED BY:	**Envirocore**
DRILLING METHOD:	**Hand Auger/GeoProbe**	SAMPLING METHOD:	**Continuous Sampling**
GRAVEL PACK:		SEAL:	**Bentonite**

CASING TYPE	DIAMETER	LENGTH:	HOLE DIA. **2"**
SCREEN TYPE	DIAMETER	LENGTH:	TOTAL HOLE DEPTH **8'**

MOISTURE CONTENT	SORTING	DENSITY	RECOVERY	ORGANIC VAPOR (PPM)	SOIL SAMPLING	DEPTH	CLASSIFICATION	BLOW COUNTS	LITHOLOGY / REMARKS		WELL COMPLETION
Dry			Hand Auger	8.4	☼ Sample (0' - 2')	0	FILL		0' - 8"	Concrete	No Well Installed
Moist						1			8" - 1.5'	Dark gray, gravelly sandy fill, moist	
						2			1.5' - 3.5'	Dark gray, medium-high plasticity, sandy gravelly clay fill, moist	
				22.0		3					
						4	CLAY		3.5' - 5'	Grayish green-brown, low stiff, high plasticity, silty clay, wet	
Wet				54.8	☼ Sample (4' - 6')	5					
Moist			46"/36"	52.7		6			5' - 6.5'	Grayish green-brown, low stiff, high plasticity, silty clay, moist	
Dry				12.5		7			6.5' - 7'	Brown-reddish brown, high stiff, low plasticity, silty clay, dry	
						8	SHALE		7' - 8'	Gray, weathered shale, dry	

Terminated at 8'

LEGEND: SAND, BACKFILL, CASING, SCREEN, BENTONITE, GROUT/CEMENT SLURRY

☼ SAMPLE SUBMITTED FOR LAB ANALYSIS

SOIL BORING LOG	**Proj #3031170036**	CLIENT:	**ABB**
WELL NO:	**SB-14**	LOCATION:	**Wickliffe, OH**
DATE:	**12/13/2017**	WEATHER:	**Low 20s Snow**
LOCATED BY:	**OUPS**	DRILLED BY:	**Envirocore**
DRILLING METHOD:	**Hand Auger/GeoProbe**	SAMPLING METHOD:	**Continuous Sampling**
GRAVEL PACK:		SEAL:	**Bentonite**

CASING TYPE	DIAMETER	LENGTH:	HOLE DIA. **2"**
SCREEN TYPE	DIAMETER	LENGTH:	TOTAL HOLE DEPTH **8'**

MOISTURE CONTENT	SORTING	DENSITY	RECOVERY	ORGANIC VAPOR (PPM)	SOIL SAMPLING	DEPTH	CLASSIFICATION	BLOW COUNTS	LITHOLOGY / REMARKS		WELL COMPLETION
Dry			Hand Auger	3.4	Sample (0' - 2')	0, 1	FILL		0' - 8"	Concrete	No Well Installed
									8" - 1.5'	Dark gray, gravelly sandy fill, dry	
						2	CLAY		1.5' - 3'	Blue gray-brown, medium stiff, plasticity, silty clay, dry	
				3.9		3					
Moist					Sample (3' - 5')	4			3' - 6'	Light gray-brown, medium stiff, plasticity, silty clay, moist	
				3.5		5					
			35"	4.8		6					
Dry				4.6		7			6' - 6.5'	Brown-red brown, high stiff, low plasticity, silty clay, dry	
						8	SHALE		6.5' - 8'	Gray, weathered shale, dry	

Terminated at 8'

LEGEND: SAND, BACKFILL, CASING, SCREEN, BENTONITE, GROUT/CEMENT SLURRY

SAMPLE SUBMITTED FOR LAB ANALYSIS

SOIL BORING LOG	**Proj #3031170036**	CLIENT:	**ABB**
WELL NO:	**SB-15**	LOCATION:	**Wickliffe, OH**
DATE:	**12/13/2017**	WEATHER:	**Low 20s Snow**
LOCATED BY:	**OUPS**	DRILLED BY:	**Envirocore**
DRILLING METHOD:	**Hand Auger/GeoProbe**	SAMPLING METHOD:	**Continuous Sampling**
GRAVEL PACK:		SEAL:	**Bentonite**

CASING TYPE	DIAMETER	LENGTH:	HOLE DIA. **2"**
SCREEN TYPE	DIAMETER	LENGTH:	TOTAL HOLE DEPTH **8'**

MOISTURE CONTENT	SORTING	DENSITY	RECOVERY	ORGANIC VAPOR (PPM)	SOIL SAMPLING	DEPTH	CLASSIFICATION	BLOW COUNTS	LITHOLOGY / REMARKS		WELL COMPLETION
Dry			Hand Auger	7.0	☼ Sample (0' - 2')	0, 1	FILL		0' - 8"	Concrete	No Well Installed
									8" - 1.5'	Dark gray, gravelly sandy fill, dry	
				4.4	☼ Sample (2' - 4')	2, 3	CLAY		1.5' - 3'	Dark gray, high-medium stiff, low plasticity, silty clay, dry	
									3' - 3.5'	Dark gray, high-medium stiff, low plasticity, silty clay, moist	
Moist				5.0		4, 5			3.5' - 5.5'	Blue gray-reddish brown, medium stiff, medium plasticity, silty clay, moist	
			36"	4.3		6			5.5' - 6.5'	Red brown-gray, medium-high stiff, low plasticity, silty clay, moist	
Dry				5.1		7, 8	SHALE		6.5' - 8'	Gray, weathered shale, dry	

Terminated at 8'

LEGEND: SAND, BACKFILL, CASING, SCREEN, BENTONITE, GROUT/CEMENT SLURRY

☼ SAMPLE SUBMITTED FOR LAB ANALYSIS

SOIL BORING LOG	**Proj #3031170036**	CLIENT:	**ABB**
WELL NO:	**SB-16**	LOCATION:	**Wickliffe, OH**
DATE:	**12/14/2017**	WEATHER:	**Low 20s Snow**
LOCATED BY:	**OUPS**	DRILLED BY:	**Envirocore**
DRILLING METHOD:	**Hand Auger/GeoProbe**	SAMPLING METHOD:	**Continuous Sampling**
GRAVEL PACK:		SEAL:	**Bentonite**

CASING TYPE	DIAMETER	LENGTH:	HOLE DIA. **2"**
SCREEN TYPE	DIAMETER	LENGTH:	TOTAL HOLE DEPTH **8'**

MOISTURE CONTENT	SORTING	DENSITY	RECOVERY	ORGANIC VAPOR (PPM)	SOIL SAMPLING	DEPTH	CLASSIFICATION	BLOW COUNTS	LITHOLOGY / REMARKS		WELL COMPLETION
Dry			Hand Auger	2.9	Sample (0' - 2')	0, 1, 2	FILL		0' - 9"	Concrete	No Well Installed
Moist									9" - 2.5'	Dark brown, medium stiff, medium plasticity, gravelly sandy clay fill, moist	
				45.0		3, 4	CLAY		2.5' - 4'	Light brown-bluish gray, medium stiff, medium plasticity, silty clay, moist	
Dry				207.1	Sample (4' - 6')	5			4' - 6.5'	Light brown-bluish gray, low-medium stiff, low plasticity, silty clay, dry	
			38"/36"	96.7		6					
				4.8		7, 8	SHALE		6.5' - 8'	Gray, weathered shale, dry	

Terminated at 8'

LEGEND: SAND, BACKFILL, CASING, SCREEN, BENTONITE, GROUT/CEMENT SLURRY

SAMPLE SUBMITTED FOR LAB ANALYSIS

SOIL BORING LOG	**Proj #3031170036**	CLIENT:	**ABB**
WELL NO:	**SB-17**	LOCATION:	**Wickliffe, OH**
DATE:	**12/14/2017**	WEATHER:	**Low 20s**
LOCATED BY:	**OUPS**	DRILLED BY:	**Envirocore**
DRILLING METHOD:	**Hand Auger/GeoProbe**	SAMPLING METHOD:	**Continuous Sampling**
GRAVEL PACK:		SEAL:	**Bentonite**

CASING TYPE	DIAMETER	LENGTH:	HOLE DIA. **2"**
SCREEN TYPE	DIAMETER	LENGTH:	TOTAL HOLE DEPTH **8'**

MOISTURE CONTENT	SORTING	DENSITY	RECOVERY	ORGANIC VAPOR (PPM)	SOIL SAMPLING	DEPTH	CLASSIFICATION	BLOW COUNTS	LITHOLOGY / REMARKS		WELL COMPLETION
Dry			Hand Auger	20.5	☼ Sample (0' - 2')	0, 1, 2	FILL		0' - 8"	Concrete	No Well Installed
									8" - 2'	Dark gray, fill sand with gravel, dry	
Moist				8.7		3			2' - 3'	Dark gray, gravelly sandy clay fill, moist	
				27.4	☼ Sample (3' - 5')	4, 5	CLAY		3' - 5.5'	Light reddish brown-bluish gray, medium stiff, medium plasticity, silty clay, moist	
Dry			48"/36"	10.6		6			5.5' - 6'	Light reddish brown-bluish gray, high stiff, low plasticity, silty clay, dry	
				19.8		7, 8	SHALE		6' - 8'	Gray, weathered shale, dry	

Terminated at 8'

LEGEND: SAND, BACKFILL, CASING, SCREEN, BENTONITE, GROUT/CEMENT SLURRY

☼ SAMPLE SUBMITTED FOR LAB ANALYSIS

SOIL BORING LOG	**Proj #3031170036**	CLIENT:	**ABB**
WELL NO:	**SB-18**	LOCATION:	**Wickliffe, OH**
DATE:	**12/14/2017**	WEATHER:	**Low 20s**
LOCATED BY:	**OUPS**	DRILLED BY:	**Envirocore**
DRILLING METHOD:	**Hand Auger/GeoProbe**	SAMPLING METHOD:	**Continuous Sampling**
GRAVEL PACK:		SEAL:	**Bentonite**

CASING TYPE	DIAMETER	LENGTH:	HOLE DIA. **2"**
SCREEN TYPE	DIAMETER	LENGTH:	TOTAL HOLE DEPTH **8'**

MOISTURE CONTENT	SORTING	DENSITY	RECOVERY	ORGANIC VAPOR (PPM)	SOIL SAMPLING	DEPTH	CLASSIFICATION	BLOW COUNTS	LITHOLOGY / REMARKS		WELL COMPLETION
Dry			Hand Auger	20.3	☼ Sample (0' - 2')	0	FILL		0' - 8"	Concrete	No Well Installed
						1			8" - 1.5'	Dark gray, gravelly sandy fill, dry	
Moist						2			1.5' - 2.5'	Dark gray, gravelly sandy clay fill, moist	
				5.4		3	CLAY		2.5' - 6'	Light brown-bluish dark gray, medium stiff, medium plasticity, silty clay, moist	
						4					
				5.3		5					
			47"/36"	5.2	☼ Sample (5' - 7')	6			6' - 6.5'	Light brown-bluish dark gray, high stiff, low plasticity, silty clay, dry	
Dry				20.9		7	SHALE		6.5' - 8'	Gray, weathered shale, dry	
						8					

Terminated at 8'

LEGEND: SAND, BACKFILL, CASING, SCREEN, BENTONITE, GROUT/CEMENT SLURRY

☼ SAMPLE SUBMITTED FOR LAB ANALYSIS

SOIL BORING LOG

BORING NO. SB-19

Facility/Project Name:	Date Drilling Started:	Date Drilling Completed:	Project Number:
ABB: Closure of Former RCRA Unit	12/16/19	12/16/19	303069

Drilling Firm:	Drilling Method:	Surface Elev. (ft)	TOC Elevation (ft)	Total Depth (ft bgs)	Borehole Dia. (in)
AST	Geoprobe	652.8	---	9.3	2.75

Boring Location: At/under Unit 2

N: 710995.7 E: 2250088.1

Personnel
Logged By - K. Henry
Driller - T. Keen

Drilling Equipment: 7822DT

Civil Town/City/or Village:	County:	State:
Wickliffe	Lake County	Ohio

Water Level Observations:
While Drilling: Date/Time Depth (ft bgs)
After Drilling: Date/Time Depth (ft bgs)

SAMPLE NUMBER AND TYPE	RECOVERY (%)	BLOW COUNTS	DEPTH IN FEET	LITHOLOGIC DESCRIPTION	USCS	GRAPHIC LOG	PID (PPM)	COMMENTS
				CONCRETE/ASPHALT Concrete 8-inches thick				
GP	62.5		2	**SAND, FILL** Gray, loose, wet, no odor	SM		0.0	SB-19 from 0.0 to 2.0 ft. bgs sampled for VOCs, 1,4-dioxane, PAHs, PCBs, RCRA Metals, and Cyanide.
				SANDY SILTY CLAY Orangish-gray, soft, moist, mottle-like, no odor	CL-ML		0.0	
			4					
GP	100		6	**LEAN CLAY with SAND and GRAVEL** Orangish-brown, stiff, dry, no odor	CL		0.0 0.0	SB-19 from 5.0 to 7.0 ft. bgs sampled for VOCs, 1,4-dioxane, PAHs, PCBs, RCRA Metals, and Cyanide. DUP-01-SO was collected.
			8					
GP	100			**WEATHERED BEDROCK** Gray shale, soft				
				Refusal at 9.3 ft. bgs				
			10					
			12					
			14					
			16					
			18					

Signature:
Firm: Cleveland
1382 W. 9th Street Cleveland, OH
Phone 216-344-3072
Fax

SOIL BORING LOG

BORING NO. SB-20

Facility/Project Name:	Date Drilling Started:	Date Drilling Completed:	Project Number:
ABB: Closure of Former RCRA Unit	12/16/19	12/16/19	303069

Drilling Firm:	Drilling Method:	Surface Elev. (ft)	TOC Elevation (ft)	Total Depth (ft bgs)	Borehole Dia. (in)
AST	Geoprobe	653.2	---	12.0	2.75

Boring Location: At/under Unit 2

N: 710931.8 E: 2250035.0

Personnel
Logged By - K. Henry
Driller - T. Keen

Drilling Equipment: 7822DT

Civil Town/City/or Village:	County:	State:
Wickliffe	Lake County	Ohio

Water Level Observations:
While Drilling: Date/Time Depth (ft bgs)
After Drilling: Date/Time Depth (ft bgs)

SAMPLE NUMBER AND TYPE	RECOVERY (%)	BLOW COUNTS	DEPTH IN FEET	LITHOLOGIC DESCRIPTION	USCS	GRAPHIC LOG	PID (PPM)	COMMENTS
				Concrete 8-inches thick				
GP	50		2	**SANDY SILTY CLAY** Greenish dark gray, medium stiff, slightly moist, mottle-like, no odor	CL-ML		0.0	SB-20 from 0.0 to 2.0 ft. bgs sampled for VOCs, 1,4-dioxane, PAHs, PCBs, RCRA Metals, and Cyanide.
			4	-orangish-brown			0.0	SB-20 from 4.0 to 6.0 ft. bgs sampled for VOCs, 1,4-dioxane, PAHs, PCBs, RCRA Metals, and Cyanide.
GP	100		6	**LEAN CLAY with SAND and GRAVEL** Orangish-brown, soft, dry, no odor	CL		0.0	
				WEATHERED BEDROCK Gray shale, soft				
GP	100		8					
			10					
			12	Boring terminated at 12 ft. bgs				
			14					
			16					
			18					

Signature:
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Phone 216-344-3072
Fax

SOIL BORING LOG

BORING NO. SB-21

Facility/Project Name:	Date Drilling Started:	Date Drilling Completed:	Project Number:
ABB: Closure of Former RCRA Unit	12/16/19	12/16/19	303069

Drilling Firm:	Drilling Method:	Surface Elev. (ft)	TOC Elevation (ft)	Total Depth (ft bgs)	Borehole Dia. (in)
AST	Geoprobe	653.1	---	9.0	2.75

Boring Location: Down-gradient/side-gradient of Unit 4

N: 711059.7 E: 2250150.5

Personnel
Logged By - K. Henry
Driller - T. Keen

Drilling Equipment: 7822DT

Civil Town/City/or Village:	County:	State:
Wickliffe	Lake County	Ohio

Water Level Observations:
While Drilling: Date/Time Depth (ft bgs)
After Drilling: Date/Time Depth (ft bgs)

SAMPLE NUMBER AND TYPE	RECOVERY (%)	BLOW COUNTS	DEPTH IN FEET	LITHOLOGIC DESCRIPTION	USCS	GRAPHIC LOG	PID (PPM)	COMMENTS
				TOPSOIL				SB-21 from 0.0 to 2.0 ft. bgs sampled for VOCs, 1,4-dioxane, PAHs, PCBs, RCRA Metals, and Cyanide.
GP	62.5		2	**SANDY SILTY CLAY** Orangish-brown, medium stiff, slightly moist, mottle-like, no odor	CL-ML		0.0	SB-21 from 2.0 to 4.0 ft. bgs sampled for VOCs, 1,4-dioxane, PAHs, PCBs, RCRA Metals, and Cyanide.
			4	-Orangish-gray				
GP	100		6	**LEAN CLAY with SAND and GRAVEL** Orangish-brown, hard, dry, no odor	CL		0.0	
GP	100		8	**WEATHERED BEDROCK** Gray shale, soft			0.0	
				Refusal at 9 ft. bgs				
			10					
			12					
			14					
			16					
			18					

Signature:
Firm: Cleveland
1382 W. 9th Street Cleveland, OH
Phone 216-344-3072
Fax

SOIL BORING LOG

BORING NO. SB-22

Facility/Project Name:	Date Drilling Started:	Date Drilling Completed:	Project Number:
ABB: Closure of Former RCRA Unit	12/17/19	12/17/19	303069

Drilling Firm:	Drilling Method:	Surface Elev. (ft)	TOC Elevation (ft)	Total Depth (ft bgs)	Borehole Dia. (in)
AST	Geoprobe	662.2	---	15.5	2.75

Boring Location: Down-gradient of Unit 2

N: 711055.3 E: 2250033.5

Personnel
Logged By - K. Henry
Driller - T. Keen

Drilling Equipment: 7822DT

Civil Town/City/or Village:	County:	State:
Wickliffe	Lake County	Ohio

Water Level Observations:
While Drilling: Date/Time Depth (ft bgs)
After Drilling: Date/Time Depth (ft bgs)

SAMPLE NUMBER AND TYPE	RECOVERY (%)	BLOW COUNTS	DEPTH IN FEET	LITHOLOGIC DESCRIPTION	USCS	GRAPHIC LOG	PID (PPM)	COMMENTS
GP	75		2	**CLAYEY SILT with GRAVEL, FILL** Grayish-brown, soft, slightly moist, no odor	CL-ML		0.0 0.0	SB-22 from 0.0 to 2.0 ft. bgs sampled for VOCs, 1,4-dioxane, PAHs, PCBs, RCRA Metals, and Cyanide. DUP-02-SO was collected.
			4	**SANDY SILTY CLAY** Greenish-gray, stiff, slightly moist, no odor				
GP	75		6	-trace sand, dark greenish-gray			0.0 0.0	
			8		CL-ML			SB-22 from 8.0 to 10.0 ft. bgs sampled for VOCs, 1,4-dioxane, PAHs, PCBs, RCRA Metals, and Cyanide.
GP	100		10	-some sand and gravel, grayish-brown, medium stiff			0.0	
				-wet			0.0	
			12	-stiff, moist			0.0	
GP	100		14	**LEAN CLAY with SAND and GRAVEL** Orangish-brown, stiff, dry, no odor	CL		0.0	
			16	Refusal at 15.5 ft. bgs				
			18					

Signature:
Firm: Cleveland
1382 W. 9th Street Cleveland, OH
Phone 216-344-3072
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SOIL BORING LOG

BORING NO. SB-23

Facility/Project Name:	Date Drilling Started:	Date Drilling Completed:	Project Number:
ABB: Closure of Former RCRA Unit	12/16/19	12/16/19	303069

Drilling Firm:	Drilling Method:	Surface Elev. (ft)	TOC Elevation (ft)	Total Depth (ft bgs)	Borehole Dia. (in)
AST	Geoprobe	651.9	---	10.0	2.75

Boring Location: Down-gradient/side-gradient of Unit 4

N: 710999.3 E: 2250067.2

Personnel
Logged By - K. Henry
Driller - T. Keen

Drilling Equipment: 7822DT

Civil Town/City/or Village:	County:	State:
Wickliffe	Lake County	Ohio

Water Level Observations:
While Drilling: Date/Time Depth (ft bgs)
After Drilling: Date/Time Depth (ft bgs)

SAMPLE NUMBER AND TYPE	RECOVERY (%)	BLOW COUNTS	DEPTH IN FEET	LITHOLOGIC DESCRIPTION	USCS	GRAPHIC LOG	PID (PPM)	COMMENTS
				FILL Asphalt and organic material with sand and clay, medium to strong odor	SC			
GP	50		2	**SANDY SILTY CLAY** Orangish-gray, soft, moist, mottle-like, no odor	CL-ML		0.2	SB-23 from 0.0 to 2.0 ft. bgs sampled for VOCs, 1,4-dioxane, PAHs, PCBs, RCRA Metals, and Cyanide.
			4	-dry				SB-23 from 4.0 to 6.0 ft. bgs sampled for VOCs, 1,4-dioxane, PAHs, PCBs, RCRA Metals, and Cyanide.
GP	100		6	**LEAN CLAY with SAND and GRAVEL** Orangish-gray, stiff, dry, no odor	CL		0.0	
				WEATHERED BEDROCK Gray shale, soft			0.0	
GP	100		8					
			10	Refusal at 10 ft. bgs				
			12					
			14					
			16					
			18					

Signature:

Firm: Cleveland
1382 W. 9th Street Cleveland, OH
Phone 216-344-3072
Fax

SOIL BORING LOG

BORING NO. SB-24

Facility/Project Name:	Date Drilling Started:	Date Drilling Completed:	Project Number:
ABB: Closure of Former RCRA Unit	12/16/19	12/16/19	303069

Drilling Firm:	Drilling Method:	Surface Elev. (ft)	TOC Elevation (ft)	Total Depth (ft bgs)	Borehole Dia. (in)
AST	Geoprobe	653.1	---	9.0	2.75

Boring Location: Down-gradient/side-gradient of Unit 4

N: 710949.8 E: 2250024.6

Personnel
Logged By - K. Henry
Driller - T. Keen

Drilling Equipment: 7822DT

Civil Town/City/or Village:	County:	State:
Wickliffe	Lake County	Ohio

Water Level Observations:
While Drilling: Date/Time Depth (ft bgs)
After Drilling: Date/Time Depth (ft bgs)

SAMPLE NUMBER AND TYPE	RECOVERY (%)	BLOW COUNTS	DEPTH IN FEET	LITHOLOGIC DESCRIPTION	USCS	GRAPHIC LOG	PID (PPM)	COMMENTS
GP	12.5		2	**NO RECOVERY**				
				FILL Organic material	SM			SB-24 from 0.0 to 2.0 ft. bgs sampled for VOCs, 1,4-dioxane, PAHs, PCBs, RCRA Metals, and Cyanide.
			4	**NO RECOVERY**				
GP	50		6	**LEAN CLAY with SAND and GRAVEL** Orangish-gray, loose, dry , mottle-like, moderate odor	CL		0.0 1.5	SB-24 from 6.0 to 8.0 ft. bgs sampled for VOCs, 1,4-dioxane, PAHs, PCBs, RCRA Metals, and Cyanide.
GP	100		8	**WEATHERED BEDROCK** Gray shale, soft				
				Refusal at 9 ft. bgs				
			10					
			12					
			14					
			16					
			18					

Signature:
Firm: Cleveland
1382 W. 9th Street Cleveland, OH
Phone 216-344-3072
Fax

SOIL BORING LOG

BORING NO. SB-25

Facility/Project Name:	Date Drilling Started:	Date Drilling Completed:	Project Number:
ABB: Closure of Former RCRA Unit	12/17/19	12/17/19	303069

Drilling Firm:	Drilling Method:	Surface Elev. (ft)	TOC Elevation (ft)	Total Depth (ft bgs)	Borehole Dia. (in)
AST	Geoprobe	661.7	---	12.0	2.75

Boring Location: Down-gradient of Unit 2

N: 710963.8 E: 2249967.4

Personnel
Logged By - K. Henry
Driller - T. Keen

Drilling Equipment: 7822DT

Civil Town/City/or Village:	County:	State:
Wickliffe	Lake County	Ohio

Water Level Observations:
While Drilling: Date/Time Depth (ft bgs)
After Drilling: Date/Time Depth (ft bgs)

SAMPLE NUMBER AND TYPE	RECOVERY (%)	BLOW COUNTS	DEPTH IN FEET	LITHOLOGIC DESCRIPTION	USCS	GRAPHIC LOG	PID (PPM)	COMMENTS
				TOPSOIL brown sand				
GP	50		2	**SANDY SILTY CLAY with GRAVEL, FILL** Greenish-gray, soft, slightly moist, no odor			0.0 0.0	SB-25 from 0.0 to 2.0 ft. bgs sampled for VOCs, 1,4 dioxane, PAHs, PCBs, RCRA Metals, and Cyanide.
			4					
GP	100		6	-grayish-brown, slightly moist	CL-ML		0.0 0.0	
			8					
GP	62.5		10	-grayish-black			0.0	
				BLACK SAND AND CLAY, FILL Bricks, asphalt, very moist, slight organic odor	CL-ML		0.0	SB-25 from 10.0 to 12.0 ft. bgs sampled for VOCs, 1,4 dioxane, PAHs, PCBs, RCRA Metals, and Cyanide.
			12					
			14					
			16					
			18					

Signature:
Firm: Cleveland
1382 W. 9th Street Cleveland, OH
Phone 216-344-3072
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SOIL BORING LOG

BORING NO. SB-26

Facility/Project Name:	Date Drilling Started:	Date Drilling Completed:	Project Number:
ABB: Closure of Former RCRA Unit	12/16/19	12/16/19	303069

Drilling Firm:	Drilling Method:	Surface Elev. (ft)	TOC Elevation (ft)	Total Depth (ft bgs)	Borehole Dia. (in)
AST	Geoprobe	653.7	---	10.4	2.75

Boring Location: Down-gradient/side-gradient of Unit 4

N: 710902.6 E: 2249991.1

Personnel
Logged By - K. Henry
Driller - T. Keen

Drilling Equipment: 7822DT

Civil Town/City/or Village:	County:	State:
Wickliffe	Lake County	Ohio

Water Level Observations:
While Drilling: Date/Time Depth (ft bgs)
After Drilling: Date/Time Depth (ft bgs)

SAMPLE NUMBER AND TYPE	RECOVERY (%)	BLOW COUNTS	DEPTH IN FEET	LITHOLOGIC DESCRIPTION	USCS	GRAPHIC LOG	PID (PPM)	COMMENTS
				CONCRETE/ASPHALT Concrete 8-inches thick, binding material, clay				
GP	50		2	**SANDY SILTY CLAY** Orangish-gray, soft, slightly moist, mottle-like, no odor	CL-ML		0.2	SB-26 from 0.0 to 2.0 ft. bgs sampled for VOCs, 1,4-dioxane, PAHs, PCBs, RCRA Metals, and Cyanide.
			4	-organic/sewer odor -no odor			6.1	SB-26 from 4.0 to 6.0 ft. bgs sampled for VOCs, 1,4-dioxane, PAHs, PCBs, RCRA Metals, and Cyanide.
GP	100		6	-slightly silt, soft			6.4	
				LEAN CLAY with SAND and GRAVEL Orangish-gray, medium soft, dry, no odor	CL		3.4	
GP	100		8	**WEATHERED BEDROCK** Gray shale, soft				
			10	Refusal at 10.4 ft. bgs				
			12					
			14					
			16					
			18					

Signature:
Firm: Cleveland
1382 W. 9th Street Cleveland, OH
Phone 216-344-3072
Fax

SOIL BORING LOG

BORING NO. SB-27

Facility/Project Name:	Date Drilling Started:	Date Drilling Completed:	Project Number:
ABB: Closure of Former RCRA Unit	12/16/19	12/16/19	303069

Drilling Firm:	Drilling Method:	Surface Elev. (ft)	TOC Elevation (ft)	Total Depth (ft bgs)	Borehole Dia. (in)
AST	Geoprobe	653.4	---	9.5	2.75

Boring Location: Up-gradient of Unit 2

N: 710899.3 E: 2250070.1

Personnel
Logged By - K. Henry
Driller - T. Keen

Drilling Equipment: 7822DT

Civil Town/City/or Village:	County:	State:
Wickliffe	Lake County	Ohio

Water Level Observations:
While Drilling: Date/Time Depth (ft bgs)
After Drilling: Date/Time Depth (ft bgs)

SAMPLE NUMBER AND TYPE	RECOVERY (%)	BLOW COUNTS	DEPTH IN FEET	LITHOLOGIC DESCRIPTION	USCS	GRAPHIC LOG	PID (PPM)	COMMENTS
				CONCRETE 8-inches thick				
GP	37.5		2	**SANDY SILTY CLAY** Brownish-gray, very stiff, slightly moist, mottle-like, no odor	CL-ML		0.0	SB-27 from 0.0 to 2.0 ft. bgs sampled for VOCs, 1,4-dioxane, PAHs, PCBs, RCRA Metals, and Cyanide.
			4	-orangish brown/gray				
GP	100		6	**LEAN CLAY with SAND and GRAVEL** Orangish-gray, very soft, dry, no odor	CL		0.0 0.0	SB-27 from 5.0 to 7.0 ft. bgs sampled for VOCs, 1,4-dioxane, PAHs, PCBs, RCRA Metals, and Cyanide.
GP	100		8	**WEATHERED BEDROCK** Gray shale, soft				
			10	Refusal at 9.5 ft. bgs				
			12					
			14					
			16					
			18					

Signature:

Firm: Cleveland
1382 W. 9th Street Cleveland, OH

Phone 216-344-3072
Fax

SOIL BORING LOG

BORING NO. SB-28

Facility/Project Name:	Date Drilling Started:	Date Drilling Completed:	Project Number:
ABB: Closure of Former RCRA Unit	12/16/19	12/16/19	303069

Drilling Firm:	Drilling Method:	Surface Elev. (ft)	TOC Elevation (ft)	Total Depth (ft bgs)	Borehole Dia. (in)
AST	Geoprobe	653.3	---	10.0	2.75

Boring Location: Up-gradient of Unit 2

N: 710958.4 E: 2250114.9

Personnel
Logged By - K. Henry
Driller - T. Keen

Drilling Equipment: 7822DT

Civil Town/City/or Village:	County:	State:
Wickliffe	Lake County	Ohio

Water Level Observations:
While Drilling: Date/Time Depth (ft bgs)
After Drilling: Date/Time Depth (ft bgs)

SAMPLE NUMBER AND TYPE	RECOVERY (%)	BLOW COUNTS	DEPTH IN FEET	LITHOLOGIC DESCRIPTION	USCS	GRAPHIC LOG	PID (PPM)	COMMENTS
				CONCRETE 8-inches thick concrete, brown sand, wet, med dense				
GP	50		2	**SANDY SILTY CLAY** Greenish-gray, medium soft, moist, no odor	CL-ML		0.0	SB-28 from 0.0 to 2.0 ft. bgs sampled for VOCs, 1,4-dioxane, PAHs, PCBs, RCRA Metals, and Cyanide.
			4	**LEAN CLAY with SAND and GRAVEL** Orangish-brown, soft, dry, no odor				
				-coarsening downward			0.0	
GP	100		6		CL		0.0	SB-28 from 6.0 to 8.0 ft. bgs sampled for VOCs, 1,4-dioxane, PAHs, PCBs, RCRA Metals, and Cyanide.
							0.0	
			8	**WEATHERED BEDROCK** Gray shale, soft				
GP	100							
			10	Refusal at 10 ft. bgs				
			12					
			14					
			16					
			18					

Signature:
Firm: Cleveland
1382 W. 9th Street Cleveland, OH
Phone 216-344-3072
Fax

SOIL BORING LOG

BORING NO. SB-29

Facility/Project Name:	Date Drilling Started:	Date Drilling Completed:	Project Number:
ABB: Closure of Former RCRA Unit	12/16/19	12/16/19	303069

Drilling Firm:	Drilling Method:	Surface Elev. (ft)	TOC Elevation (ft)	Total Depth (ft bgs)	Borehole Dia. (in)
AST	Geoprobe	654.3	---	8.0	2.75

Boring Location: Former TCE/TCA AST Area

N: 710851.4 E: 2250134.2

Personnel
Logged By - K. Henry
Driller - T. Keen

Drilling Equipment: 7822DT

Civil Town/City/or Village:	County:	State:
Wickliffe	Lake County	Ohio

Water Level Observations:
While Drilling: Date/Time Depth (ft bgs)
After Drilling: Date/Time Depth (ft bgs)

SAMPLE NUMBER AND TYPE	RECOVERY (%)	BLOW COUNTS	DEPTH IN FEET	LITHOLOGIC DESCRIPTION	USCS	GRAPHIC LOG	PID (PPM)	COMMENTS
GP	37.5		2	**CONCRETE** 8-inches thick concrete, brown gravelly sand, wet			0.0	SB-29 from 0.0 to 2.0 ft. bgs sampled for VOCs, 1,4-dioxane, PAHs, PCBs, RCRA Metals, and Cyanide.
			4	**SANDY SILTY CLAY** Greenish-gray, medium soft, moist, no odor	CL-ML			SB-29 from 4.0 to 6.0 ft. bgs sampled for VOCs, 1,4-dioxane, PAHs, PCBs, RCRA Metals, and Cyanide.
GP	100		6	**LEAN CLAY with SAND and GRAVEL** Orangish-brown, stiff dry, no odor	CL		0.0 0.0	
				WEATHERED BEDROCK Gray shale, soft				
			8	Boring terminated at 8 ft. bgs				
			10					
			12					
			14					
			16					
			18					

Signature:
Firm: Cleveland
1382 W. 9th Street Cleveland, OH
Phone 216-344-3072
Fax

SOIL BORING LOG

BORING NO. SB-30

Facility/Project Name:	Date Drilling Started:	Date Drilling Completed:	Project Number:
ABB: Closure of Former RCRA Unit	12/16/19	12/16/19	303069

Drilling Firm:	Drilling Method:	Surface Elev. (ft)	TOC Elevation (ft)	Total Depth (ft bgs)	Borehole Dia. (in)
AST	Geoprobe	654.4	---	8.0	2.75

Boring Location: Former TCE/TCA AST Area

N: 710861.2 E: 2250158.6

Personnel
Logged By - K. Henry
Driller - T. Keen

Drilling Equipment: 7822DT

Civil Town/City/or Village:	County:	State:
Wickliffe	Lake County	Ohio

Water Level Observations:
While Drilling: Date/Time Depth (ft bgs)
After Drilling: Date/Time Depth (ft bgs)

SAMPLE NUMBER AND TYPE	RECOVERY (%)	BLOW COUNTS	DEPTH IN FEET	LITHOLOGIC DESCRIPTION	USCS	GRAPHIC LOG	PID (PPM)	COMMENTS
GP	25		2	**CONCRETE** 8-inches thick concrete, brown gravelly sand, wet, organic/sewer odor				SB-30 from 0.0 to 2.0 ft. bgs sampled for VOCs, 1,4-dioxane, PAHs, PCBs, RCRA Metals, and Cyanide.
			4	**SANDY SILTY CLAY** Dark-gray, soft, moist, no odor -greenish-gray/brown, slightly moist, stiff, no odor	CL-ML		0.0 0.0	SB-30 from 5.0 to 7.0 ft. bgs sampled for VOCs, 1,4-dioxane, PAHs, PCBs, RCRA Metals, and Cyanide.
GP	100		6	**LEAN CLAY with SAND and GRAVEL** Orangish-brown, stiff dry, no odor	CL		0.0	
			8	**WEATHERED BEDROCK** Gray shale, soft Boring terminated at 8 ft. bgs				
			10					
			12					
			14					
			16					
			18					

Signature:
Firm: Cleveland
1382 W. 9th Street Cleveland, OH
Phone 216-344-3072
Fax

SOIL BORING LOG

BORING NO. SB-31

Facility/Project Name:	Date Drilling Started:	Date Drilling Completed:	Project Number:
ABB: Closure of Former RCRA Unit	12/16/19	12/16/19	303069

Drilling Firm:	Drilling Method:	Surface Elev. (ft)	TOC Elevation (ft)	Total Depth (ft bgs)	Borehole Dia. (in)
AST	Geoprobe	654.2	---	9.0	2.75

Boring Location: Former TCE/TCA AST Area

N: 710896.3 E: 2250160.1

Personnel
Logged By - K. Henry
Driller - T. Keen

Drilling Equipment: 7822DT

Civil Town/City/or Village:	County:	State:
Wickliffe	Lake County	Ohio

Water Level Observations:
While Drilling: Date/Time Depth (ft bgs)
After Drilling: Date/Time Depth (ft bgs)

SAMPLE NUMBER AND TYPE	RECOVERY (%)	BLOW COUNTS	DEPTH IN FEET	LITHOLOGIC DESCRIPTION	USCS	GRAPHIC LOG	PID (PPM)	COMMENTS
				CONCRETE 8-inches thick concrete, brown gravelly sand, wet				
				NO RECOVERY				
GP	25		2					SB-31 from 0.0 to 2.0 ft. bgs sampled for VOCs and 1,4-dioxane
			4					
GP	50		6	**LEAN CLAY with SAND and GRAVEL** Grayish-brown, soft, wet, well-sorted/poorly-graded, angular, slight odor,	CL		0.0	SB-31 from 6.0 to 7.0 ft. bgs sampled for VOCs, 1,4-dioxane, PAHs, PCBs, RCRA Metals, and Cyanide.
			8					
GP	100			**WEATHERED BEDROCK** Gray shale, soft				
				Boring terminated at 9 ft. bgs				
			10					
			12					
			14					
			16					
			18					

Signature:
Firm: Cleveland
1382 W. 9th Street Cleveland, OH
Phone 216-344-3072
Fax

SOIL BORING LOG

BORING NO. SB-34

Facility/Project Name:	Date Drilling Started:	Date Drilling Completed:	Project Number:
ABB - Wickliffe	2/24/2021	2/24/2021	303069.2021.P1.T1

Drilling Firm:	Drilling Method:	Surface Elev. (ft)	TOC Elevation (ft)	Total Depth (ft bgs)	Borehole Dia. (in)
AST	Direct Push	---	---	8.0	

Boring Location: AOC-1

Personnel
Logged By - Dave Kreeger
Driller - Ted Keen

Drilling Equipment: Geoprobe 7822 DT

Civil Town/City/or Village:	County:	State:
Wickliffe	Cuyahoga	Ohio

Water Level Observations:
While Drilling: Date/Time Depth (ft bgs)
After Drilling: Date/Time Depth (ft bgs)

SAMPLE NUMBER AND TYPE	SAMPLE RECOVERY (%)	BLOW COUNTS	DEPTH IN FEET	LITHOLOGIC DESCRIPTION	USCS	GRAPHIC LOG	PID (PPM)	COMMENTS
				SILTY SANDY CLAY (CL-ML), some trace fine gravels, roots/organic material, medium plasticity, soft/loose, wet, very dark gray to brown (10YR 3/2)	CL-ML		0	SB-34 (0-2)
1	50		2	**SILTY CLAY (CL)**, some to few sands (decreasing with depth), medium plasticity, soft, wet to moist, very dark orange brown to black (10YR 12/1) to gray (10YR 5/1)	CL		0	SB-34 (2-4)
				staining begins, black (10YR 2/1)				
			4					
2	95		6	staining ends, stiff, damp, orange mottling, change to gray (10YR 5/1)			0	SB-34 (4-6)
				SANDY SILT (SP-ML), few clay, non-plastic, orange mottling, stiff but brittle, dry, gray (10YR 6/1)	SP		0	
			8	End of Boring 8.0 FT-BGS				
			10					

SOIL BORING WELL CONSTRUCTION LOG ABB.GPJ 303069.2021.P1.T1 4/5/21

Signature:

Firm: Cleveland
1392 West 9th St Cleveland Ohio 43114 Cleveland

Phone
Fax

Checked By: Keaton Henry

SOIL BORING LOG

BORING NO. SB-35

Facility/Project Name:	Date Drilling Started:	Date Drilling Completed:	Project Number:
ABB - Wickliffe	2/24/2021	2/24/2021	303069.2021.P1.T1

Drilling Firm:	Drilling Method:	Surface Elev. (ft)	TOC Elevation (ft)	Total Depth (ft bgs)	Borehole Dia. (in)
AST	Direct Push	---	---	8.0	

Boring Location: AOC-1

Personnel
Logged By - Dave Kreeger
Driller - Ted Keen

Drilling Equipment: Geoprobe 7822 DT

Civil Town/City/or Village:	County:	State:
Wickliffe	Cuyahoga	Ohio

Water Level Observations:
While Drilling: Date/Time Depth (ft bgs)
After Drilling: Date/Time Depth (ft bgs)

SAMPLE NUMBER AND TYPE	SAMPLE RECOVERY (%)	BLOW COUNTS	DEPTH IN FEET	LITHOLOGIC DESCRIPTION	USCS	GRAPHIC LOG	PID (PPM)	COMMENTS
				CONCRETE				
1	30		2	**SILTY CLAY (CL)** with some trace fine sands (decreasing with depth), plastic, soft-stiff, wet-moist, light orange brown (10YR 6/2) to gray (10 YR 6/2), orange to brown mottling	CL		3	SB-35 (0-2)
							8	SB-35 (2-4)
2			4				3	SB-35 (4-6)
			6	**SANDY SILT (SP-ML)** with few clay, non-plastic, gray (10YR 5/1), damp, orange mottling	SP-ML		4	
			8	End of Boring 8 FT BGS				
			10					

SOIL BORING WELL CONSTRUCTION LOG ABB.GPJ 303069.2021.P1.T1 4/5/21

Signature:

Firm: Cleveland
1392 West 9th St Cleveland Ohio 43114 Cleveland

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SOIL BORING LOG

BORING NO. SB-36

Facility/Project Name:	Date Drilling Started:	Date Drilling Completed:	Project Number:
ABB - Wickliffe	2/25/2021	2/25/2021	303069.2021.P1.T1

Drilling Firm:	Drilling Method:	Surface Elev. (ft)	TOC Elevation (ft)	Total Depth (ft bgs)	Borehole Dia. (in)
AST	Direct Push	---	---	8.0	

Boring Location: AOC-1	Personnel Logged By - Dave Kreeger Driller - Ted Keen	Drilling Equipment: Geoprobe 7822 DT

Civil Town/City/or Village:	County:	State:	Water Level Observations:
Wickliffe	Cuyahoga	Ohio	While Drilling: Date/Time Depth (ft bgs) After Drilling: Date/Time Depth (ft bgs)

SAMPLE NUMBER AND TYPE	SAMPLE RECOVERY (%)	BLOW COUNTS	DEPTH IN FEET	LITHOLOGIC DESCRIPTION	USCS	GRAPHIC LOG	PID (PPM)	COMMENTS
1	50		2	**SILTY SANDY CLAY** with some trace find gravel (decreasing with depth), weak to medium plasticity, grayish brown (10YR 5/2), wet to moist, soft, organic material, highly mottled	CL-ML		0	SB-36 (0-2)
			4	**SILTY CLAY (CL)** with some to trace amounts of fine sand (decreasing with depth), plastic, gray (10YR 5/1), moist, soft, orange mottling change to gray (10YR 7/1)	CL		1.5	SB-36 (2-4)
2	50		6	**SANDY SILT (SP-ML)** with some clay, non-plastic, gray (10YR 6/1), damp to dry, stiff/brittle, orange mottling	SP-ML		2 3 3	SB-36 (4-6)
			8	End of Boring 8 FT-BGS				
			10					

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SOIL BORING LOG

BORING NO. SB-37

Facility/Project Name:	Date Drilling Started:	Date Drilling Completed:	Project Number:
ABB - Wickliffe	2/24/2021	2/24/2021	303069.2021.P1.T1

Drilling Firm:	Drilling Method:	Surface Elev. (ft)	TOC Elevation (ft)	Total Depth (ft bgs)	Borehole Dia. (in)
AST	Direct Push	---	---	8.0	

Boring Location: AOC-1

Personnel
Logged By - Dave Kreeger
Driller - Ted Keen

Drilling Equipment: Geoprobe 7822 DT

Civil Town/City/or Village:	County:	State:
Wickliffe	Cuyahoga	Ohio

Water Level Observations:
While Drilling: Date/Time Depth (ft bgs)
After Drilling: Date/Time Depth (ft bgs)

SAMPLE NUMBER AND TYPE	SAMPLE RECOVERY (%)	BLOW COUNTS	DEPTH IN FEET	LITHOLOGIC DESCRIPTION	USCS	GRAPHIC LOG	PID (PPM)	COMMENTS
				CONCRETE				
1	40		2	**SILTY CLAY (CL)** with few fine sands, plastic, very dark gray (10YR 3/11), wet to moist, stiff, mild petroleum odor	CL		0	SB-37 (0-2)
				change to light gray (10YR 6/2), damp, very stiff, orange mottling			0	SB-37 (2-4)
2	100		4	**SANDY SILT (SP-ML)** with few clay, non plastic, gray (10YR 6/1), dry, stiff/brittle, orange mottling	SP-ML		0	SB-37 (4-6)
			6	**SILTY CLAY (CL)** with few fine sands, slightly plastic (increasing with depth), gray (10YR 6/1) stiff to very stiff, orange mottling	CL		0	
			8	End of Boring 8 FT-BGS				
			10					

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SOIL BORING LOG

BORING NO. SB-38

Facility/Project Name:	Date Drilling Started:	Date Drilling Completed:	Project Number:
ABB - Wickliffe	2/25/2021	2/25/2021	303069.2021.P1.T1

Drilling Firm:	Drilling Method:	Surface Elev. (ft)	TOC Elevation (ft)	Total Depth (ft bgs)	Borehole Dia. (in)
AST	Direct Push	---	---	8.0	

Boring Location: AOC-2	Personnel Logged By - Dave Kreeger Driller - Ted Keen	Drilling Equipment: Geoprobe 7822 DT

Civil Town/City/or Village:	County:	State:	Water Level Observations:
Wickliffe	Cuyahoga	Ohio	While Drilling: Date/Time Depth (ft bgs) After Drilling: Date/Time Depth (ft bgs)

SAMPLE NUMBER AND TYPE	RECOVERY (%)	BLOW COUNTS	DEPTH IN FEET	LITHOLOGIC DESCRIPTION	USCS	GRAPHIC LOG	PID (PPM)	COMMENTS
				CONCRETE				
1	50		2	**SILTY CLAY (CL)** with trace fine sand and trace fine gravel (decreasing with depth), plastic, black (10YR 2/1) to dark gray (10YR 4/1), wet to moist, soft sand seam (0.4'), some silt and clay	CL		0	SB-30 (0-2)
				SILTY CLAY (CL) with trace sands, plastic, gray (10YR 6/1), damp, stiff, orange mottling			0	SB-30 (2-4)
			4		CL			
2	100		6				0	SB-30 (4-6)
				SANDY SILT (SP-ML) with some clay, non plastic, gray (10YR 7/1), damp, very stiff/brittle, orange mottling	SP-ML		0	
			8	End of Boring 8FT-BGS				
			10					

SOIL BORING WELL CONSTRUCTION LOG ABB.GPJ 303069.2021.P1.T1 4/5/21

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SOIL BORING LOG

BORING NO. SB-39

Facility/Project Name:	Date Drilling Started:	Date Drilling Completed:	Project Number:
ABB - Wickliffe	2/25/2021	2/25/2021	303069.2021.P1.T1

Drilling Firm:	Drilling Method:	Surface Elev. (ft)	TOC Elevation (ft)	Total Depth (ft bgs)	Borehole Dia. (in)
AST	Direct Push	---	---	8.0	

Boring Location: AOC-2

Personnel
Logged By - Dave Kreeger
Driller - Ted Keen

Drilling Equipment: Geoprobe 7822 DT

Civil Town/City/or Village:	County:	State:
Wickliffe	Cuyahoga	Ohio

Water Level Observations:
While Drilling: Date/Time Depth (ft bgs)
After Drilling: Date/Time Depth (ft bgs)

SAMPLE NUMBER AND TYPE	SAMPLE RECOVERY (%)	BLOW COUNTS	DEPTH IN FEET	LITHOLOGIC DESCRIPTION	USCS	GRAPHIC LOG	PID (PPM)	COMMENTS
1	50		2	**SILTY SANDY CLAY (CL-ML)** with trace/few fine gravels (decreasing with depth), plastic, dark gray brown (10YR 4/2), wet, soft	CL-ML		0	SB-39 (0-2)
				SILTY CLAY (CL) with trace fine sands, plastic, gray (10YR 5/1), damp, stiff, orange mottling			0	SB-39 (2-4)
2	100		4, 6		CL		0	SB-39 (4-6)
				SANDY SILT (SP-ML) with some clay, non plastic, gray (10YR 7/1), damp to dry, very stiff/brittle, orange mottling	SP-ML		0	
			8	End of Boring 8 FT-BGS				
			10					

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SOIL BORING LOG

BORING NO. SB-40

Facility/Project Name:	Date Drilling Started:	Date Drilling Completed:	Project Number:
ABB - Wickliffe	2/25/2021	2/25/2021	303069.2021.P1.T1

Drilling Firm:	Drilling Method:	Surface Elev. (ft)	TOC Elevation (ft)	Total Depth (ft bgs)	Borehole Dia. (in)
AST	Direct Push	---	---	8.0	

Boring Location: AOC-2	Personnel	Drilling Equipment:
	Logged By - Dave Kreeger Driller - Ted Keen	Geoprobe 7822 DT

Civil Town/City/or Village:	County:	State:	Water Level Observations:
Wickliffe	Cuyahoga	Ohio	While Drilling: Date/Time Depth (ft bgs) After Drilling: Date/Time Depth (ft bgs)

SAMPLE NUMBER AND TYPE	RECOVERY (%)	BLOW COUNTS	DEPTH IN FEET	LITHOLOGIC DESCRIPTION	USCS	GRAPHIC LOG	PID (PPM)	COMMENTS
				CONCRETE				
				SILTY SANDY CLAY	CL-ML			
				SAND fine to coarse, with few silt and few clay, black (10YR 6/1), wet, loose	SW		0	SB-40 (0-2)
1	60		2	**SILTY CLAY (CL)** with few fine sands (decreasing with depth), plastic, black (10YR 2/1) to dark gray (10YR 4/1), moist to damp, medium stiff to stiff, orange mottling	CL		0	SB-40 (2-4)
			4	change to gray (10YR 6/1)				
				SILTY SAND (ML-SP) with some clay, non plastic, gray (10YR 6/1) to light gray (10YR 7/1), damp to dry, very stiff/brittle, orange mottling			0	SB-40 (4-6)
2	100		6		ML-SP		0	
			8	**WEATHERED SHALE**				
				End of Borign 8FT-BGS				
			10					

SOIL BORING WELL CONSTRUCTION LOG ABB.GPJ 303069.2021.P1.T1 4/5/21

Signature:	Firm: Cleveland 1392 West 9th St Cleveland Ohio 43114 Cleveland	Phone Fax

Checked By: Keaton Henry

SOIL BORING LOG

BORING NO. SB-41

Facility/Project Name:	Date Drilling Started:	Date Drilling Completed:	Project Number:
ABB - Wickliffe	2/25/2021	2/25/2021	303069.2021.P1.T1

Drilling Firm:	Drilling Method:	Surface Elev. (ft)	TOC Elevation (ft)	Total Depth (ft bgs)	Borehole Dia. (in)
AST	Direct Push	---	---	8.0	

Boring Location: AOC-2	Personnel	Drilling Equipment:
	Logged By - Dave Kreeger Driller - Ted Keen	Geoprobe 7822 DT

Civil Town/City/or Village:	County:	State:	Water Level Observations:
Wickliffe	Cuyahoga	Ohio	While Drilling: Date/Time Depth (ft bgs) After Drilling: Date/Time Depth (ft bgs)

SAMPLE NUMBER AND TYPE	SAMPLE RECOVERY (%)	BLOW COUNTS	DEPTH IN FEET	LITHOLOGIC DESCRIPTION	USCS	GRAPHIC LOG	PID (PPM)	COMMENTS
				SILTY SANDY CLAY with trace fine gravels, plastic, very dark gray to brown (10YR 3/2), wet, soft, orange mottling	CL-ML			
				SILTY CLAY (CL) with some fine sands (decreasing with depth), plastic, gray (10YR 6/1), moist to damp, stiff, orange mottling			0	SB-41 (0-2)
1	55		2		CL		0	SB-41 (2-4)
			4					
				SANDY SILT (SP-ML) with some clay, non plastic, gray (10YR 6/1), to light gray (10YR 7/1), damp to dry, very stiff/brittle, orange mottling			1	SB-41 (4-6)
2	100		6		SP-ML		1	
			8	End of Boring 8FT-BGS				
			10					

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SOIL BORING LOG

BORING NO. SB-42

Facility/Project Name:	Date Drilling Started:	Date Drilling Completed:	Project Number:
ABB - Wickliffe	2/25/2021	2/25/2021	303069.2021.P1.T1

Drilling Firm:	Drilling Method:	Surface Elev. (ft)	TOC Elevation (ft)	Total Depth (ft bgs)	Borehole Dia. (in)
AST	Direct Push	---	---	8.0	

Boring Location: AOC-3 (Catch Basin)

Personnel
Logged By - Dave Kreeger
Driller - Ted Keen

Drilling Equipment: Geoprobe 7822 DT

Civil Town/City/or Village:	County:	State:
Wickliffe	Cuyahoga	Ohio

Water Level Observations:
While Drilling: Date/Time Depth (ft bgs)
After Drilling: Date/Time Depth (ft bgs)

SAMPLE NUMBER AND TYPE	RECOVERY (%)	BLOW COUNTS	DEPTH IN FEET	LITHOLOGIC DESCRIPTION	USCS	GRAPHIC LOG	PID (PPM)	COMMENTS
				SILTY SANDY GRAVEL with some clay, dary gray to brown (10YR 4/2), wet	ML			
				SILTY CLAY (CL) with some sand, plastic, dark gray (10YR 4/1), wet to moist, soft, orange mottling	CL		0	SB-42 (0-2)
1	30		2	**FINE TO COARSE SAND (SW)** with trace gravel and some silt and clay, black (10YR 2/1), wet, loose			2	
				heavy staining, sweet odor, 3-4.5 FT-BGS	SW			SB-42 (2-4)
			4					
				SILTY CLAY (CL with trace to few fine gravels, plastic, dark gray to brown (10YR 4/2), wet to moist, medium stiff, orange mottling	CL		2	SB-42 (4-6)
2	100		6	**SANDY SILT (SP-ML)** with few clay, non plastic, gray (10YR 5/1), moist to damp, very stiff to brittle, orange mottling	SP-ML		13	
				WEATHERED SHALE			2	
			8					
				End of Boring 8FT-BGS				
			10					

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SOIL BORING LOG

BORING NO. SB-43

Facility/Project Name:	Date Drilling Started:	Date Drilling Completed:	Project Number:
ABB - Wickliffe	2/25/2021	2/25/2021	303069.2021.P1.T1

Drilling Firm:	Drilling Method:	Surface Elev. (ft)	TOC Elevation (ft)	Total Depth (ft bgs)	Borehole Dia. (in)
AST	Direct Push	---	---	10.0	

Boring Location: AOC-3	Personnel	Drilling Equipment:
	Logged By - Dave Kreeger Driller - Ted Keen	Geoprobe 7822 DT

Civil Town/City/or Village:	County:	State:	Water Level Observations:
Wickliffe	Cuyahoga	Ohio	While Drilling: Date/Time Depth (ft bgs) After Drilling: Date/Time Depth (ft bgs)

SAMPLE NUMBER AND TYPE	RECOVERY (%)	BLOW COUNTS	DEPTH IN FEET	LITHOLOGIC DESCRIPTION	USCS	GRAPHIC LOG	PID (PPM)	COMMENTS
				CONCRETE				
				SILTY SANDY GRAVEL with some clay, plastic, dark brown (10YR 3/3), wet, soft	CL-ML		0	SB-43 (0-2)
1	25		2	**SILTY CLAY (CL)** with trace fine sands, plastic, gray (10YR 7/1), moist, stiff, orange mottling (decreasing with depth)	CL		10	SB-43 (2-4)
			4	**SANDY SILT (SP-ML)** with few to some clay, non plastic, gray (10YR 7/1), moist, stiff/brittle, orange mottling	SP-ML		3	SB-43 (4-6)
2	100		6	**WEATHERED SHALE**			30	DUP #2 SB-43 (6-8)
3	100		8				34	SB-43 (8-10)
			10	End of Boring 10FT-BGS				

Signature:	Firm: Cleveland 1392 West 9th St Cleveland Ohio 43114 Cleveland	Phone Fax

Checked By: Keaton Henry

SOIL BORING LOG

BORING NO. SB-44

Facility/Project Name:	Date Drilling Started:	Date Drilling Completed:	Project Number:
ABB - Wickliffe	2/26/2021	2/26/2021	303069.2021.P1.T1

Drilling Firm:	Drilling Method:	Surface Elev. (ft)	TOC Elevation (ft)	Total Depth (ft bgs)	Borehole Dia. (in)
AST	Direct Push	---	---	8.0	

Boring Location: AOC-3	Personnel	Drilling Equipment:
	Logged By - Dave Kreeger Driller - Ted Keen	Geoprobe 7822 DT

Civil Town/City/or Village:	County:	State:	Water Level Observations:
Wickliffe	Cuyahoga	Ohio	While Drilling: Date/Time Depth (ft bgs) After Drilling: Date/Time Depth (ft bgs)

SAMPLE NUMBER AND TYPE	RECOVERY (%)	BLOW COUNTS	DEPTH IN FEET	LITHOLOGIC DESCRIPTION	USCS	GRAPHIC LOG	PID (PPM)	COMMENTS
				TOP SOIL				
				FINE TO COARSE SAND with fine to coarse gravel, dark brown (10YR 6/3), wet, loose	SW			
				SILTY SANDY GRAVEL with some clay, non plastic, dark gray, moist, loose to soft	ML-CL		0	SB-44 (0-2)
1	65		2	**SAND**, dark gray brown, wet, loose	SP			
				SILTY CLAY (CL) with trace fine sands, plastic, gray (10YR 6/1), moist, soft, orange mottling	CL		0	SB-44 (2-4)
			4	damp, change to stiff			0	SB-44 (4-6)
2	100		6	**SANDY SILT (SP-ML)** with clay, non plastic, gray (10YR 6/1), damp, stiff/brittle, orange mottling	SP-ML		0	
			8	End of Boring 8FT-BGS				
			10					

Signature:	Firm: Cleveland 1392 West 9th St Cleveland Ohio 43114 Cleveland	Phone Fax

Checked By: Keaton Henry

SOIL BORING LOG

BORING NO. SB-45

Facility/Project Name:	Date Drilling Started:	Date Drilling Completed:	Project Number:
ABB - Wickliffe	2/25/2021	2/25/2021	303069.2021.P1.T1

Drilling Firm:	Drilling Method:	Surface Elev. (ft)	TOC Elevation (ft)	Total Depth (ft bgs)	Borehole Dia. (in)
AST	Direct Push	---	---	8.0	

Boring Location: AOC-3	Personnel	Drilling Equipment:
	Logged By - Dave Kreeger Driller - Ted Keen	Geoprobe 7822 DT

Civil Town/City/or Village:	County:	State:	Water Level Observations:
Wickliffe	Cuyahoga	Ohio	While Drilling: Date/Time Depth (ft bgs) After Drilling: Date/Time Depth (ft bgs)

SAMPLE NUMBER AND TYPE	RECOVERY (%)	BLOW COUNTS	DEPTH IN FEET	LITHOLOGIC DESCRIPTION	USCS	GRAPHIC LOG	PID (PPM)	COMMENTS
				CONCRETE				
1	65		2	**SILTY SANDY GRAVEL** with few clay, very dark gray to brown (10YR 3/2), wet to moist, stiff	SM		0 0	SB-45 (0-2) DUP-04 SB-45 (2-4)
2	100		4 6	**SILTY CLAY (CL)** with trace fine sands, plastic, gray (10YR 6/1), moist to damp, soft to stiff, orange mottling	CL		0	SB-45 (4-6)
				SANDY SILT (SP-ML) with some clay, non plastic, very dark gray (10YR 3/1), damp, stiff/brittle	SP-ML			
				WEATHERED SHALE, damp			0	
			8	End of Boring 8FT-BGS				
			10					

SOIL BORING WELL CONSTRUCTION LOG ABB.GPJ 303069.2021.P1.T1 4/5/21

Signature:	Firm: Cleveland 1392 West 9th St Cleveland Ohio 43114 Cleveland	Phone Fax

Checked By: Keaton Henry

SOIL BORING LOG

BORING NO. SB-46

Facility/Project Name:	Date Drilling Started:	Date Drilling Completed:	Project Number:
ABB - Wickliffe	2/25/2021	2/25/2021	303069.2021.P1.T1

Drilling Firm:	Drilling Method:	Surface Elev. (ft)	TOC Elevation (ft)	Total Depth (ft bgs)	Borehole Dia. (in)
AST	Direct Push	---	---	8.0	

Boring Location: AOC-4	Personnel	Drilling Equipment:
	Logged By - Dave Kreeger Driller - Ted Keen	Geoprobe 7822 DT

Civil Town/City/or Village:	County:	State:	Water Level Observations:
Wickliffe	Cuyahoga	Ohio	While Drilling: Date/Time Depth (ft bgs) After Drilling: Date/Time Depth (ft bgs)

SAMPLE NUMBER AND TYPE	SAMPLE RECOVERY (%)	BLOW COUNTS	DEPTH IN FEET	LITHOLOGIC DESCRIPTION	USCS	GRAPHIC LOG	PID (PPM)	COMMENTS
				CONCRETE				
				SILTY SAND (SP-ML) with some clay, very dark gray to brown (10YR 3/2), wet to moist, loose	SP-ML		0	SB-46 (0-2)
1	90		2	**FINE TO COARSE SAND**, black (10YR 2/1), wet, loose	SW			
				SILTY CLAY (CL) with few sands, plastic, dark gray (10YR 4/1) to gray (10YR 6/1), moist to damp, medium stiff to stiff	CL		0	SB-46 (2-4)
			4	root				
				SILTY SAND (SP-ML) with some clay, non plastic, gray (10YR 6/1), damp to dry, stiff/brittle, lots of orange mottling	SP-ML		0	SB-46 (4-6)
2	100		6				0	
				WEATHERED SHALE				
			8	End of Boring 8FT-BGS				
			10					

SOIL BORING WELL CONSTRUCTION LOG ABB.GPJ 303069.2021.P1.T1 4/5/21

Signature:	Firm: Cleveland 1392 West 9th St Cleveland Ohio 43114 Cleveland	Phone Fax

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SOIL BORING LOG

BORING NO. SB-47

Facility/Project Name:	Date Drilling Started:	Date Drilling Completed:	Project Number:
ABB - Wickliffe	2/25/2021	2/25/2021	303069.2021.P1.T1

Drilling Firm:	Drilling Method:	Surface Elev. (ft)	TOC Elevation (ft)	Total Depth (ft bgs)	Borehole Dia. (in)
AST	Direct Push	---	---	8.0	

Boring Location: AOC-4	Personnel	Drilling Equipment:
	Logged By - Dave Kreeger Driller - Ted Keen	Geoprobe 7822 DT

Civil Town/City/or Village:	County:	State:	Water Level Observations:
Wickliffe	Cuyahoga	Ohio	While Drilling: Date/Time Depth (ft bgs) After Drilling: Date/Time Depth (ft bgs)

SAMPLE NUMBER AND TYPE	RECOVERY (%)	BLOW COUNTS	DEPTH IN FEET	LITHOLOGIC DESCRIPTION	USCS	GRAPHIC LOG	PID (PPM)	COMMENTS
				CONCRETE				
				SILTY SANDY GRAVEL with some clay, very dark gray (10YR 3/1), wet to moist, medium dense to medium loose, slight sweet odor	SP-ML		0	SB-47 (0-2)
1	50		2	**FINE TO COARSE SAND** wet, sheen	SW			
				SILTY CLAY (CL) with few to trace sands (decreasing with depth), plastic, very dark gray (10YR 3/2) to gray (10YR 6/1), moist to damp, medium soft to stiff change to gray with orange mottling at 2.5'	CL		0	SB-47 (2-4)
			4					
				SANDY SILT (SP-ML) with some clay, non plastic, light gray (10YR 7/1), damp to dry, very dense/brittle, orange mottling	SP-ML		0	SB-47 (4-6)
2	100		6				0	
				WEATHERED SHALE				
			8	End of Boring 8FT-BGS				
			10					

SOIL BORING WELL CONSTRUCTION LOG ABB.GPJ 303069.2021.P1.T1 4/5/21

Signature:	Firm: Cleveland 1392 West 9th St Cleveland Ohio 43114 Cleveland	Phone Fax

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SOIL BORING LOG

BORING NO. SB-48

Facility/Project Name:	Date Drilling Started:	Date Drilling Completed:	Project Number:
ABB - Wickliffe	2/24/2021	2/24/2021	303069.2021.P1.T1

Drilling Firm:	Drilling Method:	Surface Elev. (ft)	TOC Elevation (ft)	Total Depth (ft bgs)	Borehole Dia. (in)
AST	Direct Push	---	---	8.0	

Boring Location: AOC-1	Personnel	Drilling Equipment:
	Logged By - Dave Kreeger Driller - Ted Keen	Geoprobe 7822 DT

Civil Town/City/or Village:	County:	State:	Water Level Observations:
Wickliffe	Cuyahoga	Ohio	While Drilling: Date/Time Depth (ft bgs) After Drilling: Date/Time Depth (ft bgs)

SAMPLE NUMBER AND TYPE	RECOVERY (%)	BLOW COUNTS	DEPTH IN FEET	LITHOLOGIC DESCRIPTION	USCS	GRAPHIC LOG	PID (PPM)	COMMENTS
				CONCRETE				
				SILTY SANDY CLAY with trace gravel, non plastic, very dark gray (10YR 3/1), moist, soft/loose	SP-ML		0	SB-48 (0-2)
1	20		2	**SILTY CLAY (CL)** with trace fine sands, plastic, dark olive (10YR 3/4), moist, medium stiff, orange mottling	CL		0	SB-48 (2-4)
			4	change to gray (10YR 5/1), orange mottling			0	SB-48 (4-6)
2	100		6	**SANDY SILT (SP-ML)** with trace clay, non plastic, gray (10YR 5/1), damp to dry, very stiff/brittle, orange mottling	SP-ML		7	
			8	End of Boring 8FT-BGS				
			10					

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SOIL BORING LOG

BORING NO. SB-49

Facility/Project Name:	Date Drilling Started:	Date Drilling Completed:	Project Number:
ABB - Wickliffe	2/24/2021	2/24/2021	303069.2021.P1.T1

Drilling Firm:	Drilling Method:	Surface Elev. (ft)	TOC Elevation (ft)	Total Depth (ft bgs)	Borehole Dia. (in)
AST	Direct Push	---	---	8.0	

Boring Location: AOC-1

Personnel
Logged By - Dave Kreeger
Driller - Ted Keen

Drilling Equipment: Geoprobe 7822 DT

Civil Town/City/or Village:	County:	State:
Wickliffe	Cuyahoga	Ohio

Water Level Observations:
While Drilling: Date/Time Depth (ft bgs)
After Drilling: Date/Time Depth (ft bgs)

SAMPLE NUMBER AND TYPE	SAMPLE RECOVERY (%)	BLOW COUNTS	DEPTH IN FEET	LITHOLOGIC DESCRIPTION	USCS	GRAPHIC LOG	PID (PPM)	COMMENTS
				CONCRETE				
				SILTY CLAY (CL) with some fine sand and trace medium gravel, plastic, dark gray (10YR 3/1), wet to moist, mild petroleum odor	CL		0	SB-49 (0-2)
1	40		2	change to light gray (10YR 6/2), damp, very stiff, orange mottling			8	SB-49 (2-4)
			4	heavy mottling, some gravel from 4.0' to 4.4'			17	SB-49 (4-6)
2	100		6					
				SANDY SILT (SP-ML) with few clay, non plastic, gray brown (10YR 5/2) to dark gray brown (10YR 4/2), stiff/brittle, heavy orange mottling	SP-ML		8 21	SB-49 (6-8)
			8	End of Boring 8FT-BGS				
			10					

SOIL BORING WELL CONSTRUCTION LOG ABB.GPJ 303069.2021.P1.T1 4/5/21

Signature:

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Checked By: Keaton Henry

SOIL BORING LOG

BORING NO. SB-50

Facility/Project Name:	Date Drilling Started:	Date Drilling Completed:	Project Number:
ABB - Wickliffe	2/25/2021	2/25/2021	303069.2021.P1.T1

Drilling Firm:	Drilling Method:	Surface Elev. (ft)	TOC Elevation (ft)	Total Depth (ft bgs)	Borehole Dia. (in)
AST	Direct Push	---	---	8.0	

Boring Location: AOC-3 (Catch Basin)

Personnel
Logged By - Dave Kreeger
Driller - Ted Keen

Drilling Equipment: Geoprobe 7822 DT

Civil Town/City/or Village:	County:	State:
Wickliffe	Cuyahoga	Ohio

Water Level Observations:
While Drilling: Date/Time Depth (ft bgs)
After Drilling: Date/Time Depth (ft bgs)

SAMPLE NUMBER AND TYPE	SAMPLE RECOVERY (%)	BLOW COUNTS	DEPTH IN FEET	LITHOLOGIC DESCRIPTION	USCS	GRAPHIC LOG	PID (PPM)	COMMENTS
				CONCRETE				
1	65		2	**FINE TO COARSE SAND** with some clay and silt, very dary gray brown (10YR 3/2), wet, loose			0	SB-50 (0-2)
				change to moist	SW			
				change to wet			0	SB-50 (2-4)
			4					
2	75		6	**SILTY CLAY (CL)** with trace fine sand, plastic, gray (10YR 6/1), damp, medium stiff	CL		0	SB-50 (4-6)
				SANDY SILT (SP-ML) with some clay, non plastic, gray (10YR 7/1), damp, stiff/brittle	SP-ML		2	
				WEATHERED SHALE damp			2	
			8					
				End of Boring 8FT-BGS				
			10					

SOIL BORING WELL CONSTRUCTION LOG ABB.GPJ 303069.2021.P1.T1 4/5/21

Signature:

Firm: Cleveland
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SOIL BORING LOG

BORING NO. SB-51

Facility/Project Name:	Date Drilling Started:	Date Drilling Completed:	Project Number:
ABB - Wickliffe	2/26/2021	2/26/2021	303069.2021.P1.T1

Drilling Firm:	Drilling Method:	Surface Elev. (ft)	TOC Elevation (ft)	Total Depth (ft bgs)	Borehole Dia. (in)
AST	Direct Push	---	---	5.0	

Boring Location: AOC-3

Personnel
Logged By - Dave Kreeger
Driller - Ted Keen

Drilling Equipment: Geoprobe 7822 DT

Civil Town/City/or Village:	County:	State:
Wickliffe	Cuyahoga	Ohio

Water Level Observations:
While Drilling: Date/Time Depth (ft bgs)
After Drilling: Date/Time Depth (ft bgs)

SAMPLE NUMBER AND TYPE	SAMPLE RECOVERY (%)	BLOW COUNTS	DEPTH IN FEET	LITHOLOGIC DESCRIPTION	USCS	GRAPHIC LOG	PID (PPM)	COMMENTS
1 HA				**SILTY SANDY CLAY** with trace fine gravel, plastic, dark brown (10YR 3/3), wet to moist, orange mottling	CL-ML		0	
2 HA							0	SB-51 (0-2)
3 HA			2	**SILTY CLAY (CL)** with fine sand, plastic, gray (10YR 6/1), moist to damp, orange mottling	CL		0	
4 HA							0	SB-51 (2-4)
5 HA			4				0	
								SB-51 (4-6)
				End of Boring 5FT-BGS				
			6					
			8					
			10					

SOIL BORING WELL CONSTRUCTION LOG ABB.GPJ 303069.2021.P1.T1 4/5/21

Signature:

Firm: Cleveland
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Fax

Checked By: Keaton Henry

SOIL BORING LOG

BORING NO. SB-52

Facility/Project Name:	Date Drilling Started:	Date Drilling Completed:	Project Number:
ABB - Wickliffe	2/24/2021	2/24/2021	303069.2021.P1.T1

Drilling Firm:	Drilling Method:	Surface Elev. (ft)	TOC Elevation (ft)	Total Depth (ft bgs)	Borehole Dia. (in)
AST	Direct Push	---	---	8.0	

Boring Location: AOC-1

Personnel
Logged By - Dave Kreeger
Driller - Ted Keen

Drilling Equipment: Geoprobe 7822 DT

Civil Town/City/or Village:	County:	State:
Wickliffe	Cuyahoga	Ohio

Water Level Observations:
While Drilling: Date/Time Depth (ft bgs)
After Drilling: Date/Time Depth (ft bgs)

SAMPLE NUMBER AND TYPE	RECOVERY (%)	BLOW COUNTS	DEPTH IN FEET	LITHOLOGIC DESCRIPTION	USCS	GRAPHIC LOG	PID (PPM)	COMMENTS
				SILTY CLAY (CL) with trace to some fine sand, plastic, gray (10YR 5/1), wet to damp, medium stiff to soft, orange mottling			0	SB-52 (0-2)
1	70		2	change to dark gray brown (10YR 4/2), orange mottling			0	SB-52 (2-4)
			4		CL			
				staining			0	SB-52 (4-6)
				change to stiff				
2	50		6				0	
			8	End of Boring 8FT-BGS				
			10					

SOIL BORING WELL CONSTRUCTION LOG ABB.GPJ 303069.2021.P1.T1 4/5/21

Signature:

Firm: Cleveland
1392 West 9th St Cleveland Ohio 43114 Cleveland

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Checked By: Keaton Henry

SOIL BORING LOG

BORING NO. SB-53

Facility/Project Name:	Date Drilling Started:	Date Drilling Completed:	Project Number:
ABB - Wickliffe	2/25/2021	2/25/2021	303069.2021.P1.T1

Drilling Firm:	Drilling Method:	Surface Elev. (ft)	TOC Elevation (ft)	Total Depth (ft bgs)	Borehole Dia. (in)
AST	Direct Push	---	---	8.0	

Boring Location: Swale	Personnel	Drilling Equipment:
	Logged By - Dave Kreeger Driller - Ted Keen	Geoprobe 7822 DT

Civil Town/City/or Village:	County:	State:	Water Level Observations:		
Wickliffe	Cuyahoga	Ohio	While Drilling:	Date/Time	Depth (ft bgs)
			After Drilling:	Date/Time	Depth (ft bgs)

SAMPLE NUMBER AND TYPE	SAMPLE RECOVERY (%)	BLOW COUNTS	DEPTH IN FEET	LITHOLOGIC DESCRIPTION	USCS	GRAPHIC LOG	PID (PPM)	COMMENTS
				SILTY SANDY CLAY with trace gravel, plastic, brown (10YR 4/3), saturated/wet, soft, organic material/roots	CL-ML			
				SILTY CLAY (CL) with few trace fine sand, plastic, gray (10YR 5/1), wet to moist, soft to stiff, orange mottling			0	SB-53 (0-2)
1	40		2				0	SB-53 (2-4)
					CL			
			4				0	DUP-01 SB-53 (4-6)
2	95		6	**SANDY SILT (SP-ML)** with some clay, non plastic, gray (10YR 7/1), damp to dry, very stiff/brittle, orange mottling	SP-ML		0	
			8	End of Boring 8FT-BGS				
			10					

Signature:	Firm: Cleveland 1392 West 9th St Cleveland Ohio 43114 Cleveland	Phone Fax

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SOIL BORING LOG

BORING NO. SB-54

Facility/Project Name:	Date Drilling Started:	Date Drilling Completed:	Project Number:
ABB - Wickliffe	2/26/2021	2/26/2021	303069.2021.P1.T1

Drilling Firm:	Drilling Method:	Surface Elev. (ft)	TOC Elevation (ft)	Total Depth (ft bgs)	Borehole Dia. (in)
AST	Direct Push	---	---	8.0	

Boring Location: AOC-3 (Ditch)	Personnel	Drilling Equipment:
	Logged By - Dave Kreeger Driller - Ted Keen	Geoprobe 7822 DT

Civil Town/City/or Village:	County:	State:	Water Level Observations:
Wickliffe	Cuyahoga	Ohio	While Drilling: Date/Time Depth (ft bgs) After Drilling: Date/Time Depth (ft bgs)

SAMPLE NUMBER AND TYPE	RECOVERY (%)	BLOW COUNTS	DEPTH IN FEET	LITHOLOGIC DESCRIPTION	USCS	GRAPHIC LOG	PID (PPM)	COMMENTS
1	65		2	**SILTY CLAY (CL)** with trace fine sand, non plastic, gray (10YR 5/1), wet to dry, stiff, orange mottling	CL		2 4	SB-54 (0-2) SB-54 (2-4)
2	100		4 6	**SANDY SILT (SP-ML)**, non plastic, gray (10YR 6/1), damp, stiff/brittle **WEATHERED SHALE** gray (10YR 7/1)	SP-ML		8 8	SB-54 (4-6)
			8 10	End of Boring 8FT-BGS				

SOIL BORING WELL CONSTRUCTION LOG ABB.GPJ 303069.2021.P1.T1 4/5/21

Signature:	Firm: Cleveland 1392 West 9th St Cleveland Ohio 43114 Cleveland	Phone Fax

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SOIL BORING LOG

BORING NO. WCA01-01

Facility/Project Name:	Date Drilling Started:	Date Drilling Completed:	Project Number:
ABB - Wickliffe	2/24/2021	2/24/2021	303069.2021.P1.T1

Drilling Firm:	Drilling Method:	Surface Elev. (ft)	TOC Elevation (ft)	Total Depth (ft bgs)	Borehole Dia. (in)
AST	Direct Push	---	---	10.0	

Boring Location: AOC-1

Personnel
Logged By - Dave Kreeger
Driller - Ted Keen

Drilling Equipment: Geoprobe 7822 DT

Civil Town/City/or Village:	County:	State:
Wickliffe	Cuyahoga	Ohio

Water Level Observations:
While Drilling: Date/Time Depth (ft bgs)
After Drilling: Date/Time Depth (ft bgs)

SAMPLE NUMBER AND TYPE	RECOVERY (%)	BLOW COUNTS	DEPTH IN FEET	LITHOLOGIC DESCRIPTION	USCS	GRAPHIC LOG	PID (PPM)	COMMENTS
				SILTY SANDY CLAY with some trace fine gravel (decreasing with depth), medium plasticity, dark brown, wet, soft/loose, roots/organic material	CL-ML		0	
1	25		2	**SILTY CLAY (CL)** with some to few sands (decreasing with depth), medium plasticity, black (10YR 2/1) to gray (10YR 5/1), wet to damp, soft, petroleum odor	CL		0	
			4				0	
2	90		6	**SANDY SILT (SP-ML)** with few clay, non plastic, gray (10YR 6/1), damp to dry, stiff/brittle, orange mottling	SP-ML		0	
			8	**WEATHERED SHALE** gray (10YR 5/1), damp/dry, loose				
3	100			orange mottling			0	
			10	End of Boring 10FT-BGS			0	

SOIL BORING WELL CONSTRUCTION LOG ABB.GPJ 303069.2021.P1.T1 4/5/21

Signature:

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SOIL BORING LOG

BORING NO. WCA02-01

Facility/Project Name:	Date Drilling Started:	Date Drilling Completed:	Project Number:
ABB - Wickliffe	2/25/2021	2/25/2021	303069.2021.P1.T1

Drilling Firm:	Drilling Method:	Surface Elev. (ft)	TOC Elevation (ft)	Total Depth (ft bgs)	Borehole Dia. (in)
AST	Direct Push	---	---	10.0	

Boring Location: AOC-2	Personnel	Drilling Equipment:
	Logged By - Dave Kreeger Driller - Ted Keen	Geoprobe 7822 DT

Civil Town/City/or Village:	County:	State:	Water Level Observations:
Wickliffe	Cuyahoga	Ohio	While Drilling: Date/Time Depth (ft bgs) After Drilling: Date/Time Depth (ft bgs)

SAMPLE NUMBER AND TYPE	RECOVERY (%)	BLOW COUNTS	DEPTH IN FEET	LITHOLOGIC DESCRIPTION	USCS	GRAPHIC LOG	PID (PPM)	COMMENTS
1	55		2	**SILTY SANDY CLAY** with few trace fine gravel (decreasing with depth), plastic, very dark gray (10YR 3/2) to gray (10YR 5/1), wet to moist, soft, orange mottling	CL-ML		0 0	
2	90		4 6	**SILTY CLAY (CL)** with trace fine sand, plastic, gray (10YR 6/1), moist to damp, medium stiff, orange mottling dark staining at 3.6' to 4.0'	CL		0	
				SANDY SILT (SP-ML) with some clay, non plastic, gray (10YR 6/1) to light gray (10YR 7/1), damp to dry, very stiff/brittle	SP-ML		0	
3	100		8 10	**WEATHERED SHALE**			0	
				End of Boring 10FT-BGS				

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SOIL BORING LOG

BORING NO. WCA02-02

Facility/Project Name:	Date Drilling Started:	Date Drilling Completed:	Project Number:
ABB - Wickliffe	2/25/2021	2/25/2021	303069.2021.P1.T1

Drilling Firm:	Drilling Method:	Surface Elev. (ft)	TOC Elevation (ft)	Total Depth (ft bgs)	Borehole Dia. (in)
AST	Direct Push	---	---	10.0	

Boring Location: AOC-2	Personnel Logged By - Dave Kreeger Driller - Ted Keen	Drilling Equipment: Geoprobe 7822 DT

Civil Town/City/or Village:	County:	State:	Water Level Observations:
Wickliffe	Cuyahoga	Ohio	While Drilling: Date/Time Depth (ft bgs) After Drilling: Date/Time Depth (ft bgs)

SAMPLE NUMBER AND TYPE	RECOVERY (%)	BLOW COUNTS	DEPTH IN FEET	LITHOLOGIC DESCRIPTION	USCS	GRAPHIC LOG	PID (PPM)	COMMENTS
1	65		2	**SILTY SANDY CLAY** with trace gravel (decreasing with depth), plastic, dark gray (10YR 4/1), wet to moist, soft, orange mottling, sweet odor	CL-ML		20	
				1cm/half inch medium grained sand seam, dark gray (10YR 4/1), moist			10	
			4	**SILTY CLAY (CL)** with trace fine sands, plastic, gray (10YR 6/1), moist, soft to medium stiff, orange mottling, manure odor	CL			
2	100		6	**SANDY SILT (SP-ML)** with some clay, non plastic, light gray (10YR 7/1), very stiff/brittle	SP-ML		30 8	
3	100		8	**WEATHERED SHALE**			8	
			10	End of Boring 10FT-BGS				

Signature:	Firm: Cleveland 1392 West 9th St Cleveland Ohio 43114 Cleveland	Phone Fax

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SOIL BORING LOG

BORING NO. WCA03-01

Facility/Project Name:	Date Drilling Started:	Date Drilling Completed:	Project Number:
ABB - Wickliffe	2/25/2021	2/25/2021	303069.2021.P1.T1

Drilling Firm:	Drilling Method:	Surface Elev. (ft)	TOC Elevation (ft)	Total Depth (ft bgs)	Borehole Dia. (in)
AST	Direct Push	---	---	10.0	

Boring Location: AOC-3	Personnel	Drilling Equipment:
	Logged By - Dave Kreeger Driller - Ted Keen	Geoprobe 7822 DT

Civil Town/City/or Village:	County:	State:	Water Level Observations:
Wickliffe	Cuyahoga	Ohio	While Drilling: Date/Time Depth (ft bgs) After Drilling: Date/Time Depth (ft bgs)

SAMPLE NUMBER AND TYPE	RECOVERY (%)	BLOW COUNTS	DEPTH IN FEET	LITHOLOGIC DESCRIPTION	USCS	GRAPHIC LOG	PID (PPM)	COMMENTS
				CONCRETE				
				SILTY SANDY GRAVEL with some clay, plastic, dark brown (10YR 3/3), wet to moist, stiff			0	WCA03-01 (0-2)
1	50		2	12" fine to coarse sand seam, wet	CL-ML		4	WCA03-01 (2-4)
							0	
			4	**SILTY CLAY (CL)** with trace fine sand, plastic, gray (10YR 6/1), moist to damp, stiff, orange mottling	CL			
				SANDY SILT (SP-ML) with few clay, non plastic, light gray (10YR 7/1), damp, stiff/brittle, orange mottling	SP-ML		0	DUP-03 WCA03-01 (4-6)
			6					
				WEATHERED SHALE			0	
			8					
3							0	
			10	End of Boring 10FT-BGS				

Signature:	Firm: Cleveland 1392 West 9th St Cleveland Ohio 43114 Cleveland	Phone Fax

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SOIL BORING LOG

BORING NO. WCA04-01

Facility/Project Name:	Date Drilling Started:	Date Drilling Completed:	Project Number:
ABB - Wickliffe	2/25/2021	2/25/2021	303069.2021.P1.T1

Drilling Firm:	Drilling Method:	Surface Elev. (ft)	TOC Elevation (ft)	Total Depth (ft bgs)	Borehole Dia. (in)
AST	Direct Push	---	---	10.0	

Boring Location: AOC-4	Personnel	Drilling Equipment:
	Logged By - Dave Kreeger Driller - Ted Keen	Geoprobe 7822 DT

Civil Town/City/or Village:	County:	State:	Water Level Observations:
Wickliffe	Cuyahoga	Ohio	While Drilling: Date/Time Depth (ft bgs) After Drilling: Date/Time Depth (ft bgs)

SAMPLE NUMBER AND TYPE	RECOVERY (%)	BLOW COUNTS	DEPTH IN FEET	LITHOLOGIC DESCRIPTION	USCS	GRAPHIC LOG	PID (PPM)	COMMENTS
				CONCRETE				
				SANDY SILT GRAVEL with some clay, brick fragments, very dark gray (10YR 3/1), wet to moist, medium dense	CL-ML		2	
1	75		2	2" fine to coarse sand seam, very dark gray (10YR 3/1), wet			2	
				SILTY CLAY (CL) with trace sand, plastic, gray (10YR 5/1) moist to damp, soft to medium stiff, orange mottling	CL		1	
			4				1.5	
							2.5	
				SANDY SILT (SP-ML) with some clay, non plastic, light gray (10YR 7/1), damp to dry, very stiff/brittle, orange mottling	SP-ML			
2	100		6					
				WEATHERED SHALE				
			8					
3	100							
			10	End of Boring 10FT-BGS				

Signature:	Firm: Cleveland 1392 West 9th St Cleveland Ohio 43114 Cleveland	Phone Fax

Checked By: Keaton Henry

Appendix C
Laboratory Analytical Reports

eurofins | Environment Testing America

ANALYTICAL REPORT

Eurofins TestAmerica, Canton
4101 Shuffel Street NW
North Canton, OH 44720
Tel: (330)497-9396

Laboratory Job ID: 240-144899-1
Client Project/Site: ABB 2019 \ 2020

For:
TRC Environmental Corporation
1382 West Ninth Street
Suite 400
Cleveland, Ohio 44113

Attn: Mr. Keaton Henry

Patrick O'Meara

Authorized for release by:
3/8/2021 5:36:58 PM

Patrick O'Meara, Manager of Project Management
(330)966-5725
patrick.o'meara@eurofinset.com

LINKS

Review your project results through TotalAccess

Have a Question? Ask The Expert

Visit us at: www.eurofinsus.com/Env

This report has been electronically signed and authorized by the signatory. Electronic signature is intended to be the legally binding equivalent of a traditionally handwritten signature.

Results relate only to the items tested and the sample(s) as received by the laboratory.

Table of Contents

Cover Page 1
Table of Contents 2
Definitions/Glossary 3
Case Narrative 4
Method Summary 6
Sample Summary 7
Detection Summary 8
Client Sample Results 10
Surrogate Summary 22
QC Sample Results 23
QC Association Summary 31
Lab Chronicle 32
Certification Summary 34
Chain of Custody 36

Definitions/Glossary

Client: TRC Environmental Corporation
Project/Site: ABB 2019 \ 2020

Job ID: 240-144899-1

Qualifiers

GC/MS VOA

Qualifier	Qualifier Description
J	Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.

Glossary

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

Job ID: 240-144899-1

Laboratory: Eurofins TestAmerica, Canton

Narrative

CASE NARRATIVE

Client: TRC Environmental Corporation

Project: OVAP - ABB 2019 2020

Report Number: 240-144899-1

With the exceptions noted as flags or footnotes, standard analytical protocols were followed in the analysis of the samples and no problems were encountered or anomalies observed. In addition all laboratory quality control samples were within established control limits, with any exceptions noted below. Each sample was analyzed to achieve the lowest possible reporting limit within the constraints of the method. In some cases, due to interference or analytes present at high concentrations, samples were diluted. For diluted samples, the reporting limits are adjusted relative to the dilution required.

Eurofins TestAmerica, Canton attests to the validity of the laboratory data generated by Eurofins TestAmerica facilities reported herein. All analyses performed by Eurofins TestAmerica facilities were done using established laboratory SOPs that incorporate QA/QC procedures described in the applicable methods. Eurofins TestAmerica's operations groups have reviewed the data for compliance with the laboratory QA/QC plan, and data have been found to be compliant with laboratory protocols unless otherwise noted below.

Sample methods requested and/or analyzed are not included on the Eurofins TestAmerica OVAP certification.

Calculations are performed before rounding to avoid round-off errors in calculated results.

All holding times were met and proper preservation noted for the methods performed on these samples, unless otherwise detailed in the individual sections below.

A summary of QC data for these analyses is included at the back of the report.

All solid sample results are reported on an "as received" basis unless otherwise indicated by the presence of a % solids value in the method header.

This laboratory report is confidential and is intended for the sole use of Eurofins TestAmerica and its client.

RECEIPT

The samples were received on 2/24/2021 5:10 PM. Unless otherwise noted below, the samples arrived in good condition, and where required, properly preserved and on ice. The temperatures of the 2 coolers at receipt time were 3.5º C and 4.9º C.

VOLATILE ORGANIC COMPOUNDS (GCMS)

Samples SB-49 (0-2) (240-144899-1), SB-49 (2-4) (240-144899-2), SB-49 (4-6) (240-144899-3), SB-37 (0-2) (240-144899-5), SB-37 (2-4) (240-144899-6) and SB-37 (4-6) (240-144899-7) were analyzed for volatile organic compounds (GCMS) in accordance with EPA SW-846 Method 8260B. The samples were prepared on 02/25/2021 and analyzed on 02/26/2021 and 03/01/2021.

Sample SB-49 (2-4) (240-144899-2)[4X] required dilution prior to analysis. The reporting limits have been adjusted accordingly.

Insufficient sample volume was available to perform a matrix spike/matrix spike duplicate (MS/MSD) associated with preparation batches 240-474557 and 240-474559 and analytical batch 240-474603.

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

PERCENT SOLIDS

Job ID: 240-144899-1 (Continued)

Laboratory: Eurofins TestAmerica, Canton (Continued)

Samples SB-49 (0-2) (240-144899-1), SB-49 (2-4) (240-144899-2), SB-49 (4-6) (240-144899-3), SB-37 (0-2) (240-144899-5), SB-37 (2-4) (240-144899-6) and SB-37 (4-6) (240-144899-7) were analyzed for percent solids in accordance with ASTM Method D2216-80. The samples were analyzed on 02/25/2021.

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

Method Summary

Client: TRC Environmental Corporation
Project/Site: ABB 2019 \ 2020

Job ID: 240-144899-1

Method	Method Description	Protocol	Laboratory
8260B	Volatile Organic Compounds (GC/MS)	SW846	TAL CAN
Moisture	Percent Moisture	EPA	TAL CAN
5035	Closed System Purge and Trap	SW846	TAL CAN

Protocol References:

EPA = US Environmental Protection Agency

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

Laboratory References:

TAL CAN = Eurofins TestAmerica, Canton, 4101 Shuffel Street NW, North Canton, OH 44720, TEL (330)497-9396

Sample Summary

Client: TRC Environmental Corporation
Project/Site: ABB 2019 \ 2020

Job ID: 240-144899-1

Lab Sample ID	Client Sample ID	Matrix	Collected	Received	Asset ID
240-144899-1	SB-49 (0-2)	Solid	02/24/21 13:00	02/24/21 17:10	
240-144899-2	SB-49 (2-4)	Solid	02/24/21 13:05	02/24/21 17:10	
240-144899-3	SB-49 (4-6)	Solid	02/24/21 13:10	02/24/21 17:10	
240-144899-5	SB-37 (0-2)	Solid	02/24/21 11:45	02/24/21 17:10	
240-144899-6	SB-37 (2-4)	Solid	02/24/21 11:48	02/24/21 17:10	
240-144899-7	SB-37 (4-6)	Solid	02/24/21 11:50	02/24/21 17:10	

Detection Summary

Client: TRC Environmental Corporation
Project/Site: ABB 2019 \ 2020

Job ID: 240-144899-1

Client Sample ID: SB-49 (0-2) — Lab Sample ID: 240-144899-1

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
1,1-Dichloroethane	940		270	51	ug/Kg	1	☼	8260B	Total/NA
1,1-Dichloroethene	180	J	270	87	ug/Kg	1	☼	8260B	Total/NA
Ethylbenzene	420		270	50	ug/Kg	1	☼	8260B	Total/NA
Toluene	500		270	260	ug/Kg	1	☼	8260B	Total/NA
Vinyl chloride	430		270	130	ug/Kg	1	☼	8260B	Total/NA
Xylenes, Total	1500		530	97	ug/Kg	1	☼	8260B	Total/NA

Client Sample ID: SB-49 (2-4) — Lab Sample ID: 240-144899-2

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
1,1,1-Trichloroethane	1900		1400	430	ug/Kg	4	☼	8260B	Total/NA
1,1,2-Trichloroethane	2500		1400	310	ug/Kg	4	☼	8260B	Total/NA
1,1-Dichloroethane	4600		1400	260	ug/Kg	4	☼	8260B	Total/NA
1,1-Dichloroethene	17000		1400	450	ug/Kg	4	☼	8260B	Total/NA
1,2-Dichloroethane	410	J	1400	260	ug/Kg	4	☼	8260B	Total/NA
cis-1,2-Dichloroethene	1300	J	1400	220	ug/Kg	4	☼	8260B	Total/NA
Ethylbenzene	4600		1400	260	ug/Kg	4	☼	8260B	Total/NA
2-Butanone (MEK)	970	J	5500	870	ug/Kg	4	☼	8260B	Total/NA
Toluene	52000		1400	1300	ug/Kg	4	☼	8260B	Total/NA
trans-1,2-Dichloroethene	480	J	1400	340	ug/Kg	4	☼	8260B	Total/NA
Trichloroethene	9700		1400	790	ug/Kg	4	☼	8260B	Total/NA
Vinyl chloride	1300	J	1400	680	ug/Kg	4	☼	8260B	Total/NA
Xylenes, Total	21000		2800	500	ug/Kg	4	☼	8260B	Total/NA

Client Sample ID: SB-49 (4-6) — Lab Sample ID: 240-144899-3

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
1,1,1-Trichloroethane	170	J	250	79	ug/Kg	1	☼	8260B	Total/NA
1,1,2-Trichloroethane	900		250	58	ug/Kg	1	☼	8260B	Total/NA
1,1-Dichloroethane	1900		250	49	ug/Kg	1	☼	8260B	Total/NA
1,1-Dichloroethene	5600		250	83	ug/Kg	1	☼	8260B	Total/NA
1,2-Dichloroethane	230	J	250	48	ug/Kg	1	☼	8260B	Total/NA
Acetone	870	J	1000	250	ug/Kg	1	☼	8260B	Total/NA
cis-1,2-Dichloroethene	350		250	41	ug/Kg	1	☼	8260B	Total/NA
Ethylbenzene	510		250	48	ug/Kg	1	☼	8260B	Total/NA
2-Butanone (MEK)	1400		1000	160	ug/Kg	1	☼	8260B	Total/NA
Toluene	6600		250	240	ug/Kg	1	☼	8260B	Total/NA
trans-1,2-Dichloroethene	82	J	250	63	ug/Kg	1	☼	8260B	Total/NA
Trichloroethene	1400		250	150	ug/Kg	1	☼	8260B	Total/NA
Vinyl chloride	510		250	120	ug/Kg	1	☼	8260B	Total/NA
Xylenes, Total	2500		510	92	ug/Kg	1	☼	8260B	Total/NA

Client Sample ID: SB-37 (0-2) — Lab Sample ID: 240-144899-5

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
2-Butanone (MEK)	6.1	J	18	3.2	ug/Kg	1	☼	8260B	Total/NA
Carbon disulfide	5.2		4.5	1.0	ug/Kg	1	☼	8260B	Total/NA
Chloroethane	3.0	J	4.5	1.1	ug/Kg	1	☼	8260B	Total/NA
cis-1,2-Dichloroethene	1.2	J	4.5	0.58	ug/Kg	1	☼	8260B	Total/NA
1,2-Dichlorobenzene	3.7	J	4.5	0.99	ug/Kg	1	☼	8260B	Total/NA
1,1-Dichloroethane	2.0	J	4.5	0.62	ug/Kg	1	☼	8260B	Total/NA
Ethylbenzene	5.0		4.5	0.93	ug/Kg	1	☼	8260B	Total/NA

This Detection Summary does not include radiochemical test results.

Client Sample ID: SB-37 (0-2) (Continued) — Lab Sample ID: 240-144899-5

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Isopropylbenzene	1.1	J	4.5	0.74	ug/Kg	1	☼	8260B	Total/NA
Toluene	3.4	J	4.5	0.69	ug/Kg	1	☼	8260B	Total/NA
Trichloroethene	1.1	J	4.5	0.56	ug/Kg	1	☼	8260B	Total/NA
Xylenes, Total	15		8.9	1.4	ug/Kg	1	☼	8260B	Total/NA

Client Sample ID: SB-37 (2-4) — Lab Sample ID: 240-144899-6

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Acetone	59		22	19	ug/Kg	1	☼	8260B	Total/NA
2-Butanone (MEK)	9.3	J	18	3.2	ug/Kg	1	☼	8260B	Total/NA
Chloroethane	2.5	J	4.5	1.1	ug/Kg	1	☼	8260B	Total/NA
cis-1,2-Dichloroethene	0.65	J	4.5	0.58	ug/Kg	1	☼	8260B	Total/NA
1,1-Dichloroethane	74		4.5	0.62	ug/Kg	1	☼	8260B	Total/NA
1,1-Dichloroethene	73		4.5	0.81	ug/Kg	1	☼	8260B	Total/NA
1,4-Dioxane	37	J	220	20	ug/Kg	1	☼	8260B	Total/NA
Trichloroethene	1.0	J	4.5	0.57	ug/Kg	1	☼	8260B	Total/NA
Vinyl chloride	38		4.5	0.75	ug/Kg	1	☼	8260B	Total/NA

Client Sample ID: SB-37 (4-6) — Lab Sample ID: 240-144899-7

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
1,1-Dichloroethane	220	J	310	60	ug/Kg	1	☼	8260B	Total/NA
1,1-Dichloroethene	410		310	100	ug/Kg	1	☼	8260B	Total/NA

This Detection Summary does not include radiochemical test results.

Client Sample Results

Client: TRC Environmental Corporation
Project/Site: ABB 2019 \ 2020

Job ID: 240-144899-1

Client Sample ID: SB-49 (0-2)

Date Collected: 02/24/21 13:00
Date Received: 02/24/21 17:10

Lab Sample ID: 240-144899-1

Matrix: Solid
Percent Solids: 87.4

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	<83		270	83	ug/Kg	☼	02/25/21 20:31	02/26/21 13:28	1
1,1,2,2-Tetrachloroethane	<160		270	160	ug/Kg	☼	02/25/21 20:31	02/26/21 13:28	1
1,1,2-Trichloroethane	<61		270	61	ug/Kg	☼	02/25/21 20:31	02/26/21 13:28	1
1,1-Dichloroethane	**940**		270	51	ug/Kg	☼	02/25/21 20:31	02/26/21 13:28	1
1,1-Dichloroethene	**180**	**J**	270	87	ug/Kg	☼	02/25/21 20:31	02/26/21 13:28	1
1,2,4-Trichlorobenzene	<140		270	140	ug/Kg	☼	02/25/21 20:31	02/26/21 13:28	1
1,2-Dibromo-3-Chloropropane	<240		530	240	ug/Kg	☼	02/25/21 20:31	02/26/21 13:28	1
1,2-Dichlorobenzene	<130		270	130	ug/Kg	☼	02/25/21 20:31	02/26/21 13:28	1
1,2-Dichloroethane	<50		270	50	ug/Kg	☼	02/25/21 20:31	02/26/21 13:28	1
1,2-Dichloropropane	<39		270	39	ug/Kg	☼	02/25/21 20:31	02/26/21 13:28	1
1,3-Dichlorobenzene	<49		270	49	ug/Kg	☼	02/25/21 20:31	02/26/21 13:28	1
1,4-Dichlorobenzene	<59		270	59	ug/Kg	☼	02/25/21 20:31	02/26/21 13:28	1
1,4-Dioxane	<2500		13000	2500	ug/Kg	☼	02/25/21 20:31	02/26/21 13:28	1
2-Hexanone	<280		1100	280	ug/Kg	☼	02/25/21 20:31	02/26/21 13:28	1
Acetone	<260		1100	260	ug/Kg	☼	02/25/21 20:31	02/26/21 13:28	1
Benzene	<45		270	45	ug/Kg	☼	02/25/21 20:31	02/26/21 13:28	1
Bromoform	<240		270	240	ug/Kg	☼	02/25/21 20:31	02/26/21 13:28	1
Bromomethane	<180		270	180	ug/Kg	☼	02/25/21 20:31	02/26/21 13:28	1
Carbon disulfide	<110		270	110	ug/Kg	☼	02/25/21 20:31	02/26/21 13:28	1
Carbon tetrachloride	<110		270	110	ug/Kg	☼	02/25/21 20:31	02/26/21 13:28	1
Chlorobenzene	<37		270	37	ug/Kg	☼	02/25/21 20:31	02/26/21 13:28	1
Chloroethane	<160		270	160	ug/Kg	☼	02/25/21 20:31	02/26/21 13:28	1
Chloroform	<57		270	57	ug/Kg	☼	02/25/21 20:31	02/26/21 13:28	1
Chloromethane	<70		270	70	ug/Kg	☼	02/25/21 20:31	02/26/21 13:28	1
cis-1,2-Dichloroethene	<43		270	43	ug/Kg	☼	02/25/21 20:31	02/26/21 13:28	1
cis-1,3-Dichloropropene	<130		270	130	ug/Kg	☼	02/25/21 20:31	02/26/21 13:28	1
Dichlorobromomethane	<30		270	30	ug/Kg	☼	02/25/21 20:31	02/26/21 13:28	1
Dichlorodifluoromethane	<56		270	56	ug/Kg	☼	02/25/21 20:31	02/26/21 13:28	1
Ethylbenzene	**420**		270	50	ug/Kg	☼	02/25/21 20:31	02/26/21 13:28	1
Ethylene Dibromide	<84		270	84	ug/Kg	☼	02/25/21 20:31	02/26/21 13:28	1
Naphthalene	<130		270	130	ug/Kg	☼	02/25/21 20:31	02/26/21 13:28	1
Isopropylbenzene	<40		270	40	ug/Kg	☼	02/25/21 20:31	02/26/21 13:28	1
2-Butanone (MEK)	<170		1100	170	ug/Kg	☼	02/25/21 20:31	02/26/21 13:28	1
4-Methyl-2-pentanone (MIBK)	<250		1100	250	ug/Kg	☼	02/25/21 20:31	02/26/21 13:28	1
Methyl tert-butyl ether	<39		270	39	ug/Kg	☼	02/25/21 20:31	02/26/21 13:28	1
Methylene Chloride	<410		530	410	ug/Kg	☼	02/25/21 20:31	02/26/21 13:28	1
Styrene	<55		270	55	ug/Kg	☼	02/25/21 20:31	02/26/21 13:28	1
Tetrachloroethene	<100		270	100	ug/Kg	☼	02/25/21 20:31	02/26/21 13:28	1
Toluene	**500**		270	260	ug/Kg	☼	02/25/21 20:31	02/26/21 13:28	1
trans-1,2-Dichloroethene	<66		270	66	ug/Kg	☼	02/25/21 20:31	02/26/21 13:28	1
trans-1,3-Dichloropropene	<110		270	110	ug/Kg	☼	02/25/21 20:31	02/26/21 13:28	1
Trichloroethene	<150		270	150	ug/Kg	☼	02/25/21 20:31	02/26/21 13:28	1
Trichlorofluoromethane	<150		270	150	ug/Kg	☼	02/25/21 20:31	02/26/21 13:28	1
Vinyl chloride	**430**		270	130	ug/Kg	☼	02/25/21 20:31	02/26/21 13:28	1
Xylenes, Total	**1500**		530	97	ug/Kg	☼	02/25/21 20:31	02/26/21 13:28	1
Chlorodibromomethane	<120		270	120	ug/Kg	☼	02/25/21 20:31	02/26/21 13:28	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*95*		*47 - 136*	*02/25/21 20:31*	*02/26/21 13:28*	*1*
4-Bromofluorobenzene (Surr)	*90*		*51 - 124*	*02/25/21 20:31*	*02/26/21 13:28*	*1*

Client Sample Results

Client: TRC Environmental Corporation
Project/Site: ABB 2019 \ 2020

Job ID: 240-144899-1

Client Sample ID: SB-49 (0-2)

Date Collected: 02/24/21 13:00
Date Received: 02/24/21 17:10

Lab Sample ID: 240-144899-1

Matrix: Solid
Percent Solids: 87.4

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Toluene-d8 (Surr)	*91*		*55 - 123*	*02/25/21 20:31*	*02/26/21 13:28*	*1*
Dibromofluoromethane (Surr)	*90*		*49 - 122*	*02/25/21 20:31*	*02/26/21 13:28*	*1*

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Solids	**87.4**		0.1	0.1	%			02/25/21 15:36	1
Percent Moisture	**12.6**		0.1	0.1	%			02/25/21 15:36	1

Client Sample Results

Client: TRC Environmental Corporation
Project/Site: ABB 2019 \ 2020

Job ID: 240-144899-1

Client Sample ID: SB-49 (2-4)

Date Collected: 02/24/21 13:05
Date Received: 02/24/21 17:10

Lab Sample ID: 240-144899-2

Matrix: Solid
Percent Solids: 74.3

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	**1900**		1400	430	ug/Kg	☼	02/25/21 20:31	03/01/21 16:40	4
1,1,2,2-Tetrachloroethane	<830		1400	830	ug/Kg	☼	02/25/21 20:31	03/01/21 16:40	4
1,1,2-Trichloroethane	**2500**		1400	310	ug/Kg	☼	02/25/21 20:31	03/01/21 16:40	4
1,1-Dichloroethane	**4600**		1400	260	ug/Kg	☼	02/25/21 20:31	03/01/21 16:40	4
1,1-Dichloroethene	**17000**		1400	450	ug/Kg	☼	02/25/21 20:31	03/01/21 16:40	4
1,2,4-Trichlorobenzene	<730		1400	730	ug/Kg	☼	02/25/21 20:31	03/01/21 16:40	4
1,2-Dibromo-3-Chloropropane	<1200		2800	1200	ug/Kg	☼	02/25/21 20:31	03/01/21 16:40	4
1,2-Dichlorobenzene	<660		1400	660	ug/Kg	☼	02/25/21 20:31	03/01/21 16:40	4
1,2-Dichloroethane	**410**	**J**	1400	260	ug/Kg	☼	02/25/21 20:31	03/01/21 16:40	4
1,2-Dichloropropane	<200		1400	200	ug/Kg	☼	02/25/21 20:31	03/01/21 16:40	4
1,3-Dichlorobenzene	<250		1400	250	ug/Kg	☼	02/25/21 20:31	03/01/21 16:40	4
1,4-Dichlorobenzene	<300		1400	300	ug/Kg	☼	02/25/21 20:31	03/01/21 16:40	4
1,4-Dioxane	<13000		69000	13000	ug/Kg	☼	02/25/21 20:31	03/01/21 16:40	4
2-Hexanone	<1500		5500	1500	ug/Kg	☼	02/25/21 20:31	03/01/21 16:40	4
Acetone	<1300		5500	1300	ug/Kg	☼	02/25/21 20:31	03/01/21 16:40	4
Benzene	<230		1400	230	ug/Kg	☼	02/25/21 20:31	03/01/21 16:40	4
Bromoform	<1300		1400	1300	ug/Kg	☼	02/25/21 20:31	03/01/21 16:40	4
Bromomethane	<920		1400	920	ug/Kg	☼	02/25/21 20:31	03/01/21 16:40	4
Carbon disulfide	<600		1400	600	ug/Kg	☼	02/25/21 20:31	03/01/21 16:40	4
Carbon tetrachloride	<560		1400	560	ug/Kg	☼	02/25/21 20:31	03/01/21 16:40	4
Chlorobenzene	<190		1400	190	ug/Kg	☼	02/25/21 20:31	03/01/21 16:40	4
Chloroethane	<830		1400	830	ug/Kg	☼	02/25/21 20:31	03/01/21 16:40	4
Chloroform	<300		1400	300	ug/Kg	☼	02/25/21 20:31	03/01/21 16:40	4
Chloromethane	<360		1400	360	ug/Kg	☼	02/25/21 20:31	03/01/21 16:40	4
cis-1,2-Dichloroethene	**1300**	**J**	1400	220	ug/Kg	☼	02/25/21 20:31	03/01/21 16:40	4
cis-1,3-Dichloropropene	<680		1400	680	ug/Kg	☼	02/25/21 20:31	03/01/21 16:40	4
Dichlorobromomethane	<150		1400	150	ug/Kg	☼	02/25/21 20:31	03/01/21 16:40	4
Dichlorodifluoromethane	<290		1400	290	ug/Kg	☼	02/25/21 20:31	03/01/21 16:40	4
Ethylbenzene	**4600**		1400	260	ug/Kg	☼	02/25/21 20:31	03/01/21 16:40	4
Ethylene Dibromide	<440		1400	440	ug/Kg	☼	02/25/21 20:31	03/01/21 16:40	4
Naphthalene	<650		1400	650	ug/Kg	☼	02/25/21 20:31	03/01/21 16:40	4
Isopropylbenzene	<210		1400	210	ug/Kg	☼	02/25/21 20:31	03/01/21 16:40	4
2-Butanone (MEK)	**970**	**J**	5500	870	ug/Kg	☼	02/25/21 20:31	03/01/21 16:40	4
4-Methyl-2-pentanone (MIBK)	<1300		5500	1300	ug/Kg	☼	02/25/21 20:31	03/01/21 16:40	4
Methyl tert-butyl ether	<200		1400	200	ug/Kg	☼	02/25/21 20:31	03/01/21 16:40	4
Methylene Chloride	<2100		2800	2100	ug/Kg	☼	02/25/21 20:31	03/01/21 16:40	4
Styrene	<290		1400	290	ug/Kg	☼	02/25/21 20:31	03/01/21 16:40	4
Tetrachloroethene	<540		1400	540	ug/Kg	☼	02/25/21 20:31	03/01/21 16:40	4
Toluene	**52000**		1400	1300	ug/Kg	☼	02/25/21 20:31	03/01/21 16:40	4
trans-1,2-Dichloroethene	**480**	**J**	1400	340	ug/Kg	☼	02/25/21 20:31	03/01/21 16:40	4
trans-1,3-Dichloropropene	<580		1400	580	ug/Kg	☼	02/25/21 20:31	03/01/21 16:40	4
Trichloroethene	**9700**		1400	790	ug/Kg	☼	02/25/21 20:31	03/01/21 16:40	4
Trichlorofluoromethane	<760		1400	760	ug/Kg	☼	02/25/21 20:31	03/01/21 16:40	4
Vinyl chloride	**1300**	**J**	1400	680	ug/Kg	☼	02/25/21 20:31	03/01/21 16:40	4
Xylenes, Total	**21000**		2800	500	ug/Kg	☼	02/25/21 20:31	03/01/21 16:40	4
Chlorodibromomethane	<650		1400	650	ug/Kg	☼	02/25/21 20:31	03/01/21 16:40	4

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*105*		*47 - 136*	*02/25/21 20:31*	*03/01/21 16:40*	*4*
4-Bromofluorobenzene (Surr)	*90*		*51 - 124*	*02/25/21 20:31*	*03/01/21 16:40*	*4*

Client Sample Results

Client: TRC Environmental Corporation
Project/Site: ABB 2019 \ 2020

Job ID: 240-144899-1

Client Sample ID: SB-49 (2-4)

Date Collected: 02/24/21 13:05
Date Received: 02/24/21 17:10

Lab Sample ID: 240-144899-2

Matrix: Solid
Percent Solids: 74.3

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Toluene-d8 (Surr)	*88*		*55 - 123*	*02/25/21 20:31*	*03/01/21 16:40*	*4*
Dibromofluoromethane (Surr)	*98*		*49 - 122*	*02/25/21 20:31*	*03/01/21 16:40*	*4*

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Solids	**74.3**		0.1	0.1	%			02/25/21 15:36	1
Percent Moisture	**25.7**		0.1	0.1	%			02/25/21 15:36	1

Client Sample Results

Client: TRC Environmental Corporation
Project/Site: ABB 2019 \ 2020

Job ID: 240-144899-1

Client Sample ID: SB-49 (4-6)

Date Collected: 02/24/21 13:10
Date Received: 02/24/21 17:10

Lab Sample ID: 240-144899-3

Matrix: Solid
Percent Solids: 77.0

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	**170**	**J**	250	79	ug/Kg	☼	02/25/21 20:31	02/26/21 14:17	1
1,1,2,2-Tetrachloroethane	<150		250	150	ug/Kg	☼	02/25/21 20:31	02/26/21 14:17	1
1,1,2-Trichloroethane	**900**		250	58	ug/Kg	☼	02/25/21 20:31	02/26/21 14:17	1
1,1-Dichloroethane	**1900**		250	49	ug/Kg	☼	02/25/21 20:31	02/26/21 14:17	1
1,1-Dichloroethene	**5600**		250	83	ug/Kg	☼	02/25/21 20:31	02/26/21 14:17	1
1,2,4-Trichlorobenzene	<130		250	130	ug/Kg	☼	02/25/21 20:31	02/26/21 14:17	1
1,2-Dibromo-3-Chloropropane	<220		510	220	ug/Kg	☼	02/25/21 20:31	02/26/21 14:17	1
1,2-Dichlorobenzene	<120		250	120	ug/Kg	☼	02/25/21 20:31	02/26/21 14:17	1
1,2-Dichloroethane	**230**	**J**	250	48	ug/Kg	☼	02/25/21 20:31	02/26/21 14:17	1
1,2-Dichloropropane	<38		250	38	ug/Kg	☼	02/25/21 20:31	02/26/21 14:17	1
1,3-Dichlorobenzene	<47		250	47	ug/Kg	☼	02/25/21 20:31	02/26/21 14:17	1
1,4-Dichlorobenzene	<56		250	56	ug/Kg	☼	02/25/21 20:31	02/26/21 14:17	1
1,4-Dioxane	<2400		13000	2400	ug/Kg	☼	02/25/21 20:31	02/26/21 14:17	1
2-Hexanone	<270		1000	270	ug/Kg	☼	02/25/21 20:31	02/26/21 14:17	1
Acetone	**870**	**J**	1000	250	ug/Kg	☼	02/25/21 20:31	02/26/21 14:17	1
Benzene	<43		250	43	ug/Kg	☼	02/25/21 20:31	02/26/21 14:17	1
Bromoform	<230		250	230	ug/Kg	☼	02/25/21 20:31	02/26/21 14:17	1
Bromomethane	<170		250	170	ug/Kg	☼	02/25/21 20:31	02/26/21 14:17	1
Carbon disulfide	<110		250	110	ug/Kg	☼	02/25/21 20:31	02/26/21 14:17	1
Carbon tetrachloride	<100		250	100	ug/Kg	☼	02/25/21 20:31	02/26/21 14:17	1
Chlorobenzene	<36		250	36	ug/Kg	☼	02/25/21 20:31	02/26/21 14:17	1
Chloroethane	<150		250	150	ug/Kg	☼	02/25/21 20:31	02/26/21 14:17	1
Chloroform	<55		250	55	ug/Kg	☼	02/25/21 20:31	02/26/21 14:17	1
Chloromethane	<67		250	67	ug/Kg	☼	02/25/21 20:31	02/26/21 14:17	1
cis-1,2-Dichloroethene	**350**		250	41	ug/Kg	☼	02/25/21 20:31	02/26/21 14:17	1
cis-1,3-Dichloropropene	<130		250	130	ug/Kg	☼	02/25/21 20:31	02/26/21 14:17	1
Dichlorobromomethane	<28		250	28	ug/Kg	☼	02/25/21 20:31	02/26/21 14:17	1
Dichlorodifluoromethane	<54		250	54	ug/Kg	☼	02/25/21 20:31	02/26/21 14:17	1
Ethylbenzene	**510**		250	48	ug/Kg	☼	02/25/21 20:31	02/26/21 14:17	1
Ethylene Dibromide	<80		250	80	ug/Kg	☼	02/25/21 20:31	02/26/21 14:17	1
Naphthalene	<120		250	120	ug/Kg	☼	02/25/21 20:31	02/26/21 14:17	1
Isopropylbenzene	<39		250	39	ug/Kg	☼	02/25/21 20:31	02/26/21 14:17	1
2-Butanone (MEK)	**1400**		1000	160	ug/Kg	☼	02/25/21 20:31	02/26/21 14:17	1
4-Methyl-2-pentanone (MIBK)	<240		1000	240	ug/Kg	☼	02/25/21 20:31	02/26/21 14:17	1
Methyl tert-butyl ether	<38		250	38	ug/Kg	☼	02/25/21 20:31	02/26/21 14:17	1
Methylene Chloride	<390		510	390	ug/Kg	☼	02/25/21 20:31	02/26/21 14:17	1
Styrene	<53		250	53	ug/Kg	☼	02/25/21 20:31	02/26/21 14:17	1
Tetrachloroethene	<98		250	98	ug/Kg	☼	02/25/21 20:31	02/26/21 14:17	1
Toluene	**6600**		250	240	ug/Kg	☼	02/25/21 20:31	02/26/21 14:17	1
trans-1,2-Dichloroethene	**82**	**J**	250	63	ug/Kg	☼	02/25/21 20:31	02/26/21 14:17	1
trans-1,3-Dichloropropene	<110		250	110	ug/Kg	☼	02/25/21 20:31	02/26/21 14:17	1
Trichloroethene	**1400**		250	150	ug/Kg	☼	02/25/21 20:31	02/26/21 14:17	1
Trichlorofluoromethane	<140		250	140	ug/Kg	☼	02/25/21 20:31	02/26/21 14:17	1
Vinyl chloride	**510**		250	120	ug/Kg	☼	02/25/21 20:31	02/26/21 14:17	1
Xylenes, Total	**2500**		510	92	ug/Kg	☼	02/25/21 20:31	02/26/21 14:17	1
Chlorodibromomethane	<120		250	120	ug/Kg	☼	02/25/21 20:31	02/26/21 14:17	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*110*		*47 - 136*	*02/25/21 20:31*	*02/26/21 14:17*	*1*
4-Bromofluorobenzene (Surr)	*106*		*51 - 124*	*02/25/21 20:31*	*02/26/21 14:17*	*1*

Client Sample Results

Client: TRC Environmental Corporation
Project/Site: ABB 2019 \ 2020

Job ID: 240-144899-1

Client Sample ID: SB-49 (4-6)

Date Collected: 02/24/21 13:10
Date Received: 02/24/21 17:10

Lab Sample ID: 240-144899-3

Matrix: Solid
Percent Solids: 77.0

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Toluene-d8 (Surr)	*106*		*55 - 123*	*02/25/21 20:31*	*02/26/21 14:17*	*1*
Dibromofluoromethane (Surr)	*108*		*49 - 122*	*02/25/21 20:31*	*02/26/21 14:17*	*1*

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Solids	**77.0**		0.1	0.1	%			02/25/21 15:36	1
Percent Moisture	**23.0**		0.1	0.1	%			02/25/21 15:36	1

Client Sample Results

Client: TRC Environmental Corporation
Project/Site: ABB 2019 \ 2020

Job ID: 240-144899-1

Client Sample ID: SB-37 (0-2)

Date Collected: 02/24/21 11:45
Date Received: 02/24/21 17:10

Lab Sample ID: 240-144899-5

Matrix: Solid
Percent Solids: 82.0

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	<19		22	19	ug/Kg	☼	02/25/21 10:15	02/26/21 11:28	1
Benzene	<0.62		4.5	0.62	ug/Kg	☼	02/25/21 10:15	02/26/21 11:28	1
Bromoform	<2.1		4.5	2.1	ug/Kg	☼	02/25/21 10:15	02/26/21 11:28	1
Bromomethane	<0.88		4.5	0.88	ug/Kg	☼	02/25/21 10:15	02/26/21 11:28	1
2-Butanone (MEK)	**6.1**	**J**	18	3.2	ug/Kg	☼	02/25/21 10:15	02/26/21 11:28	1
Carbon disulfide	**5.2**		4.5	1.0	ug/Kg	☼	02/25/21 10:15	02/26/21 11:28	1
Carbon tetrachloride	<2.9		4.5	2.9	ug/Kg	☼	02/25/21 10:15	02/26/21 11:28	1
Chlorobenzene	<0.82		4.5	0.82	ug/Kg	☼	02/25/21 10:15	02/26/21 11:28	1
Chlorodibromomethane	<2.5		4.5	2.5	ug/Kg	☼	02/25/21 10:15	02/26/21 11:28	1
Chloroethane	**3.0**	**J**	4.5	1.1	ug/Kg	☼	02/25/21 10:15	02/26/21 11:28	1
Chloroform	<0.70		4.5	0.70	ug/Kg	☼	02/25/21 10:15	02/26/21 11:28	1
Chloromethane	<0.93		4.5	0.93	ug/Kg	☼	02/25/21 10:15	02/26/21 11:28	1
cis-1,2-Dichloroethene	**1.2**	**J**	4.5	0.58	ug/Kg	☼	02/25/21 10:15	02/26/21 11:28	1
cis-1,3-Dichloropropene	<1.3		4.5	1.3	ug/Kg	☼	02/25/21 10:15	02/26/21 11:28	1
1,2-Dibromo-3-Chloropropane	<3.2		8.9	3.2	ug/Kg	☼	02/25/21 10:15	02/26/21 11:28	1
1,2-Dichlorobenzene	**3.7**	**J**	4.5	0.99	ug/Kg	☼	02/25/21 10:15	02/26/21 11:28	1
1,3-Dichlorobenzene	<0.73		4.5	0.73	ug/Kg	☼	02/25/21 10:15	02/26/21 11:28	1
1,4-Dichlorobenzene	<0.79		4.5	0.79	ug/Kg	☼	02/25/21 10:15	02/26/21 11:28	1
Dichlorobromomethane	<0.61		4.5	0.61	ug/Kg	☼	02/25/21 10:15	02/26/21 11:28	1
Dichlorodifluoromethane	<0.84		4.5	0.84	ug/Kg	☼	02/25/21 10:15	02/26/21 11:28	1
1,1-Dichloroethane	**2.0**	**J**	4.5	0.62	ug/Kg	☼	02/25/21 10:15	02/26/21 11:28	1
1,2-Dichloroethane	<0.69		4.5	0.69	ug/Kg	☼	02/25/21 10:15	02/26/21 11:28	1
1,1-Dichloroethene	<0.81		4.5	0.81	ug/Kg	☼	02/25/21 10:15	02/26/21 11:28	1
1,2-Dichloropropane	<0.76		4.5	0.76	ug/Kg	☼	02/25/21 10:15	02/26/21 11:28	1
1,4-Dioxane	<20		220	20	ug/Kg	☼	02/25/21 10:15	02/26/21 11:28	1
Ethylbenzene	**5.0**		4.5	0.93	ug/Kg	☼	02/25/21 10:15	02/26/21 11:28	1
Ethylene Dibromide	<0.69		4.5	0.69	ug/Kg	☼	02/25/21 10:15	02/26/21 11:28	1
2-Hexanone	<3.6		18	3.6	ug/Kg	☼	02/25/21 10:15	02/26/21 11:28	1
Isopropylbenzene	**1.1**	**J**	4.5	0.74	ug/Kg	☼	02/25/21 10:15	02/26/21 11:28	1
Methylene Chloride	<11		22	11	ug/Kg	☼	02/25/21 10:15	02/26/21 11:28	1
4-Methyl-2-pentanone (MIBK)	<3.3		18	3.3	ug/Kg	☼	02/25/21 10:15	02/26/21 11:28	1
Methyl tert-butyl ether	<0.73		4.5	0.73	ug/Kg	☼	02/25/21 10:15	02/26/21 11:28	1
Styrene	<1.0		4.5	1.0	ug/Kg	☼	02/25/21 10:15	02/26/21 11:28	1
1,1,2,2-Tetrachloroethane	<1.3		4.5	1.3	ug/Kg	☼	02/25/21 10:15	02/26/21 11:28	1
Tetrachloroethene	<0.65		4.5	0.65	ug/Kg	☼	02/25/21 10:15	02/26/21 11:28	1
Toluene	**3.4**	**J**	4.5	0.69	ug/Kg	☼	02/25/21 10:15	02/26/21 11:28	1
trans-1,2-Dichloroethene	<0.41		4.5	0.41	ug/Kg	☼	02/25/21 10:15	02/26/21 11:28	1
trans-1,3-Dichloropropene	<0.92		4.5	0.92	ug/Kg	☼	02/25/21 10:15	02/26/21 11:28	1
1,2,4-Trichlorobenzene	<0.51		4.5	0.51	ug/Kg	☼	02/25/21 10:15	02/26/21 11:28	1
1,1,1-Trichloroethane	<0.73		4.5	0.73	ug/Kg	☼	02/25/21 10:15	02/26/21 11:28	1
1,1,2-Trichloroethane	<1.0		4.5	1.0	ug/Kg	☼	02/25/21 10:15	02/26/21 11:28	1
Trichloroethene	**1.1**	**J**	4.5	0.56	ug/Kg	☼	02/25/21 10:15	02/26/21 11:28	1
Trichlorofluoromethane	<0.96		4.5	0.96	ug/Kg	☼	02/25/21 10:15	02/26/21 11:28	1
Vinyl chloride	<0.75		4.5	0.75	ug/Kg	☼	02/25/21 10:15	02/26/21 11:28	1
Xylenes, Total	**15**		8.9	1.4	ug/Kg	☼	02/25/21 10:15	02/26/21 11:28	1
Naphthalene	<2.4		4.5	2.4	ug/Kg	☼	02/25/21 10:15	02/26/21 11:28	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*95*		*51 - 127*	*02/25/21 10:15*	*02/26/21 11:28*	*1*
Dibromofluoromethane (Surr)	*87*		*56 - 122*	*02/25/21 10:15*	*02/26/21 11:28*	*1*

Client: TRC Environmental Corporation
Project/Site: ABB 2019 \ 2020

Job ID: 240-144899-1

Client Sample ID: SB-37 (0-2)

Date Collected: 02/24/21 11:45
Date Received: 02/24/21 17:10

Lab Sample ID: 240-144899-5

Matrix: Solid
Percent Solids: 82.0

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*86*		*59 - 120*	*02/25/21 10:15*	*02/26/21 11:28*	*1*
Toluene-d8 (Surr)	*94*		*64 - 124*	*02/25/21 10:15*	*02/26/21 11:28*	*1*

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Solids	**82.0**		0.1	0.1	%			02/25/21 15:36	1
Percent Moisture	**18.0**		0.1	0.1	%			02/25/21 15:36	1

Client Sample Results

Client: TRC Environmental Corporation
Project/Site: ABB 2019 \ 2020

Job ID: 240-144899-1

Client Sample ID: SB-37 (2-4)

Date Collected: 02/24/21 11:48
Date Received: 02/24/21 17:10

Lab Sample ID: 240-144899-6

Matrix: Solid
Percent Solids: 78.2

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	**59**		22	19	ug/Kg	☼	02/25/21 10:15	03/01/21 15:04	1
Benzene	<0.62		4.5	0.62	ug/Kg	☼	02/25/21 10:15	03/01/21 15:04	1
Bromoform	<2.1		4.5	2.1	ug/Kg	☼	02/25/21 10:15	03/01/21 15:04	1
Bromomethane	<0.88		4.5	0.88	ug/Kg	☼	02/25/21 10:15	03/01/21 15:04	1
2-Butanone (MEK)	**9.3**	**J**	18	3.2	ug/Kg	☼	02/25/21 10:15	03/01/21 15:04	1
Carbon disulfide	<1.0		4.5	1.0	ug/Kg	☼	02/25/21 10:15	03/01/21 15:04	1
Carbon tetrachloride	<2.9		4.5	2.9	ug/Kg	☼	02/25/21 10:15	03/01/21 15:04	1
Chlorobenzene	<0.82		4.5	0.82	ug/Kg	☼	02/25/21 10:15	03/01/21 15:04	1
Chlorodibromomethane	<2.5		4.5	2.5	ug/Kg	☼	02/25/21 10:15	03/01/21 15:04	1
Chloroethane	**2.5**	**J**	4.5	1.1	ug/Kg	☼	02/25/21 10:15	03/01/21 15:04	1
Chloroform	<0.70		4.5	0.70	ug/Kg	☼	02/25/21 10:15	03/01/21 15:04	1
Chloromethane	<0.93		4.5	0.93	ug/Kg	☼	02/25/21 10:15	03/01/21 15:04	1
cis-1,2-Dichloroethene	**0.65**	**J**	4.5	0.58	ug/Kg	☼	02/25/21 10:15	03/01/21 15:04	1
cis-1,3-Dichloropropene	<1.3		4.5	1.3	ug/Kg	☼	02/25/21 10:15	03/01/21 15:04	1
1,2-Dibromo-3-Chloropropane	<3.2		8.9	3.2	ug/Kg	☼	02/25/21 10:15	03/01/21 15:04	1
1,2-Dichlorobenzene	<0.99		4.5	0.99	ug/Kg	☼	02/25/21 10:15	03/01/21 15:04	1
1,3-Dichlorobenzene	<0.73		4.5	0.73	ug/Kg	☼	02/25/21 10:15	03/01/21 15:04	1
1,4-Dichlorobenzene	<0.79		4.5	0.79	ug/Kg	☼	02/25/21 10:15	03/01/21 15:04	1
Dichlorobromomethane	<0.61		4.5	0.61	ug/Kg	☼	02/25/21 10:15	03/01/21 15:04	1
Dichlorodifluoromethane	<0.84		4.5	0.84	ug/Kg	☼	02/25/21 10:15	03/01/21 15:04	1
1,1-Dichloroethane	**74**		4.5	0.62	ug/Kg	☼	02/25/21 10:15	03/01/21 15:04	1
1,2-Dichloroethane	<0.69		4.5	0.69	ug/Kg	☼	02/25/21 10:15	03/01/21 15:04	1
1,1-Dichloroethene	**73**		4.5	0.81	ug/Kg	☼	02/25/21 10:15	03/01/21 15:04	1
1,2-Dichloropropane	<0.76		4.5	0.76	ug/Kg	☼	02/25/21 10:15	03/01/21 15:04	1
1,4-Dioxane	**37**	**J**	220	20	ug/Kg	☼	02/25/21 10:15	03/01/21 15:04	1
Ethylbenzene	<0.94		4.5	0.94	ug/Kg	☼	02/25/21 10:15	03/01/21 15:04	1
Ethylene Dibromide	<0.69		4.5	0.69	ug/Kg	☼	02/25/21 10:15	03/01/21 15:04	1
2-Hexanone	<3.7		18	3.7	ug/Kg	☼	02/25/21 10:15	03/01/21 15:04	1
Isopropylbenzene	<0.74		4.5	0.74	ug/Kg	☼	02/25/21 10:15	03/01/21 15:04	1
Methylene Chloride	<11		22	11	ug/Kg	☼	02/25/21 10:15	03/01/21 15:04	1
4-Methyl-2-pentanone (MIBK)	<3.3		18	3.3	ug/Kg	☼	02/25/21 10:15	03/01/21 15:04	1
Methyl tert-butyl ether	<0.73		4.5	0.73	ug/Kg	☼	02/25/21 10:15	03/01/21 15:04	1
Styrene	<1.0		4.5	1.0	ug/Kg	☼	02/25/21 10:15	03/01/21 15:04	1
1,1,2,2-Tetrachloroethane	<1.3		4.5	1.3	ug/Kg	☼	02/25/21 10:15	03/01/21 15:04	1
Tetrachloroethene	<0.65		4.5	0.65	ug/Kg	☼	02/25/21 10:15	03/01/21 15:04	1
Toluene	<0.69		4.5	0.69	ug/Kg	☼	02/25/21 10:15	03/01/21 15:04	1
trans-1,2-Dichloroethene	<0.42		4.5	0.42	ug/Kg	☼	02/25/21 10:15	03/01/21 15:04	1
trans-1,3-Dichloropropene	<0.93		4.5	0.93	ug/Kg	☼	02/25/21 10:15	03/01/21 15:04	1
1,2,4-Trichlorobenzene	<0.51		4.5	0.51	ug/Kg	☼	02/25/21 10:15	03/01/21 15:04	1
1,1,1-Trichloroethane	<0.73		4.5	0.73	ug/Kg	☼	02/25/21 10:15	03/01/21 15:04	1
1,1,2-Trichloroethane	<1.0		4.5	1.0	ug/Kg	☼	02/25/21 10:15	03/01/21 15:04	1
Trichloroethene	**1.0**	**J**	4.5	0.57	ug/Kg	☼	02/25/21 10:15	03/01/21 15:04	1
Trichlorofluoromethane	<0.96		4.5	0.96	ug/Kg	☼	02/25/21 10:15	03/01/21 15:04	1
Vinyl chloride	**38**		4.5	0.75	ug/Kg	☼	02/25/21 10:15	03/01/21 15:04	1
Xylenes, Total	<1.4		8.9	1.4	ug/Kg	☼	02/25/21 10:15	03/01/21 15:04	1
Naphthalene	<2.4		4.5	2.4	ug/Kg	☼	02/25/21 10:15	03/01/21 15:04	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*90*		*51 - 127*	*02/25/21 10:15*	*03/01/21 15:04*	*1*
Dibromofluoromethane (Surr)	*95*		*56 - 122*	*02/25/21 10:15*	*03/01/21 15:04*	*1*

Client Sample Results

Client: TRC Environmental Corporation
Project/Site: ABB 2019 \ 2020

Job ID: 240-144899-1

Client Sample ID: SB-37 (2-4)

Date Collected: 02/24/21 11:48
Date Received: 02/24/21 17:10

Lab Sample ID: 240-144899-6

Matrix: Solid
Percent Solids: 78.2

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*96*		*59 - 120*	*02/25/21 10:15*	*03/01/21 15:04*	*1*
Toluene-d8 (Surr)	*91*		*64 - 124*	*02/25/21 10:15*	*03/01/21 15:04*	*1*

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Solids	**78.2**		0.1	0.1	%			02/25/21 15:36	1
Percent Moisture	**21.8**		0.1	0.1	%			02/25/21 15:36	1

Client Sample Results

Client: TRC Environmental Corporation
Project/Site: ABB 2019 \ 2020

Job ID: 240-144899-1

Client Sample ID: SB-37 (4-6)

Date Collected: 02/24/21 11:50
Date Received: 02/24/21 17:10

Lab Sample ID: 240-144899-7

Matrix: Solid
Percent Solids: 78.8

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	<98		310	98	ug/Kg	☼	02/25/21 20:31	03/01/21 17:28	1
1,1,2,2-Tetrachloroethane	<190		310	190	ug/Kg	☼	02/25/21 20:31	03/01/21 17:28	1
1,1,2-Trichloroethane	<71		310	71	ug/Kg	☼	02/25/21 20:31	03/01/21 17:28	1
1,1-Dichloroethane	**220**	**J**	310	60	ug/Kg	☼	02/25/21 20:31	03/01/21 17:28	1
1,1-Dichloroethene	**410**		310	100	ug/Kg	☼	02/25/21 20:31	03/01/21 17:28	1
1,2,4-Trichlorobenzene	<170		310	170	ug/Kg	☼	02/25/21 20:31	03/01/21 17:28	1
1,2-Dibromo-3-Chloropropane	<280		630	280	ug/Kg	☼	02/25/21 20:31	03/01/21 17:28	1
1,2-Dichlorobenzene	<150		310	150	ug/Kg	☼	02/25/21 20:31	03/01/21 17:28	1
1,2-Dichloroethane	<59		310	59	ug/Kg	☼	02/25/21 20:31	03/01/21 17:28	1
1,2-Dichloropropane	<46		310	46	ug/Kg	☼	02/25/21 20:31	03/01/21 17:28	1
1,3-Dichlorobenzene	<58		310	58	ug/Kg	☼	02/25/21 20:31	03/01/21 17:28	1
1,4-Dichlorobenzene	<69		310	69	ug/Kg	☼	02/25/21 20:31	03/01/21 17:28	1
1,4-Dioxane	<2900		16000	2900	ug/Kg	☼	02/25/21 20:31	03/01/21 17:28	1
2-Hexanone	<330		1300	330	ug/Kg	☼	02/25/21 20:31	03/01/21 17:28	1
Acetone	<310		1300	310	ug/Kg	☼	02/25/21 20:31	03/01/21 17:28	1
Benzene	<53		310	53	ug/Kg	☼	02/25/21 20:31	03/01/21 17:28	1
Bromoform	<290		310	290	ug/Kg	☼	02/25/21 20:31	03/01/21 17:28	1
Bromomethane	<210		310	210	ug/Kg	☼	02/25/21 20:31	03/01/21 17:28	1
Carbon disulfide	<140		310	140	ug/Kg	☼	02/25/21 20:31	03/01/21 17:28	1
Carbon tetrachloride	<130		310	130	ug/Kg	☼	02/25/21 20:31	03/01/21 17:28	1
Chlorobenzene	<44		310	44	ug/Kg	☼	02/25/21 20:31	03/01/21 17:28	1
Chloroethane	<190		310	190	ug/Kg	☼	02/25/21 20:31	03/01/21 17:28	1
Chloroform	<68		310	68	ug/Kg	☼	02/25/21 20:31	03/01/21 17:28	1
Chloromethane	<83		310	83	ug/Kg	☼	02/25/21 20:31	03/01/21 17:28	1
cis-1,2-Dichloroethene	<50		310	50	ug/Kg	☼	02/25/21 20:31	03/01/21 17:28	1
cis-1,3-Dichloropropene	<160		310	160	ug/Kg	☼	02/25/21 20:31	03/01/21 17:28	1
Dichlorobromomethane	<35		310	35	ug/Kg	☼	02/25/21 20:31	03/01/21 17:28	1
Dichlorodifluoromethane	<66		310	66	ug/Kg	☼	02/25/21 20:31	03/01/21 17:28	1
Ethylbenzene	<59		310	59	ug/Kg	☼	02/25/21 20:31	03/01/21 17:28	1
Ethylene Dibromide	<99		310	99	ug/Kg	☼	02/25/21 20:31	03/01/21 17:28	1
Naphthalene	<150		310	150	ug/Kg	☼	02/25/21 20:31	03/01/21 17:28	1
Isopropylbenzene	<48		310	48	ug/Kg	☼	02/25/21 20:31	03/01/21 17:28	1
2-Butanone (MEK)	<200		1300	200	ug/Kg	☼	02/25/21 20:31	03/01/21 17:28	1
4-Methyl-2-pentanone (MIBK)	<300		1300	300	ug/Kg	☼	02/25/21 20:31	03/01/21 17:28	1
Methyl tert-butyl ether	<46		310	46	ug/Kg	☼	02/25/21 20:31	03/01/21 17:28	1
Methylene Chloride	<480		630	480	ug/Kg	☼	02/25/21 20:31	03/01/21 17:28	1
Styrene	<65		310	65	ug/Kg	☼	02/25/21 20:31	03/01/21 17:28	1
Tetrachloroethene	<120		310	120	ug/Kg	☼	02/25/21 20:31	03/01/21 17:28	1
Toluene	<300		310	300	ug/Kg	☼	02/25/21 20:31	03/01/21 17:28	1
trans-1,2-Dichloroethene	<78		310	78	ug/Kg	☼	02/25/21 20:31	03/01/21 17:28	1
trans-1,3-Dichloropropene	<130		310	130	ug/Kg	☼	02/25/21 20:31	03/01/21 17:28	1
Trichloroethene	<180		310	180	ug/Kg	☼	02/25/21 20:31	03/01/21 17:28	1
Trichlorofluoromethane	<170		310	170	ug/Kg	☼	02/25/21 20:31	03/01/21 17:28	1
Vinyl chloride	<150		310	150	ug/Kg	☼	02/25/21 20:31	03/01/21 17:28	1
Xylenes, Total	<110		630	110	ug/Kg	☼	02/25/21 20:31	03/01/21 17:28	1
Chlorodibromomethane	<150		310	150	ug/Kg	☼	02/25/21 20:31	03/01/21 17:28	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*99*		*47 - 136*	*02/25/21 20:31*	*03/01/21 17:28*	*1*
4-Bromofluorobenzene (Surr)	*88*		*51 - 124*	*02/25/21 20:31*	*03/01/21 17:28*	*1*

Client Sample Results

Client: TRC Environmental Corporation
Project/Site: ABB 2019 \ 2020

Job ID: 240-144899-1

Client Sample ID: SB-37 (4-6)

Date Collected: 02/24/21 11:50
Date Received: 02/24/21 17:10

Lab Sample ID: 240-144899-7

Matrix: Solid
Percent Solids: 78.8

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Toluene-d8 (Surr)	*90*		*55 - 123*	*02/25/21 20:31*	*03/01/21 17:28*	*1*
Dibromofluoromethane (Surr)	*94*		*49 - 122*	*02/25/21 20:31*	*03/01/21 17:28*	*1*

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Solids	**78.8**		0.1	0.1	%			02/25/21 15:36	1
Percent Moisture	**21.2**		0.1	0.1	%			02/25/21 15:36	1

Surrogate Summary

Client: TRC Environmental Corporation
Project/Site: ABB 2019 \ 2020

Job ID: 240-144899-1

Method: 8260B - Volatile Organic Compounds (GC/MS)

Matrix: Solid **Prep Type: Total/NA**

		Percent Surrogate Recovery (Acceptance Limits)			
		DCA	BFB	TOL	DBFM
Lab Sample ID	Client Sample ID	(47-136)	(51-124)	(55-123)	(49-122)
240-144899-1	SB-49 (0-2)	95	90	91	90
240-144899-2	SB-49 (2-4)	105	90	88	98
240-144899-3	SB-49 (4-6)	110	106	106	108
240-144899-7	SB-37 (4-6)	99	88	90	94
LCS 240-474557/2-A	Lab Control Sample	86	84	84	86
MB 240-474557/1-A	Method Blank	86	79	80	80

Surrogate Legend

DCA = 1,2-Dichloroethane-d4 (Surr)
BFB = 4-Bromofluorobenzene (Surr)
TOL = Toluene-d8 (Surr)
DBFM = Dibromofluoromethane (Surr)

Method: 8260B - Volatile Organic Compounds (GC/MS)

Matrix: Solid **Prep Type: Total/NA**

		Percent Surrogate Recovery (Acceptance Limits)			
		BFB	DBFM	DCA	TOL
Lab Sample ID	Client Sample ID	(51-127)	(56-122)	(59-120)	(64-124)
240-144899-5	SB-37 (0-2)	95	87	86	94
240-144899-6	SB-37 (2-4)	90	95	96	91
LCS 240-474603/5	Lab Control Sample	89	87	79	92
LCS 240-474788/5	Lab Control Sample	89	90	82	91
MB 240-474559/1-A	Method Blank	89	86	83	90
MB 240-474559/2-A	Method Blank	88	89	84	91

Surrogate Legend

BFB = 4-Bromofluorobenzene (Surr)
DBFM = Dibromofluoromethane (Surr)
DCA = 1,2-Dichloroethane-d4 (Surr)
TOL = Toluene-d8 (Surr)

Method: 8260B - Volatile Organic Compounds (GC/MS)

Lab Sample ID: MB 240-474557/1-A
Matrix: Solid
Analysis Batch: 474603

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 474557

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2-Dibromo-3-Chloropropane	<220		500	220	ug/Kg		02/25/21 20:31	02/26/21 11:52	1
Acetone	<240		1000	240	ug/Kg		02/25/21 20:31	02/26/21 11:52	1
1,2-Dichlorobenzene	<120		250	120	ug/Kg		02/25/21 20:31	02/26/21 11:52	1
Benzene	<42		250	42	ug/Kg		02/25/21 20:31	02/26/21 11:52	1
1,3-Dichlorobenzene	<46		250	46	ug/Kg		02/25/21 20:31	02/26/21 11:52	1
Bromoform	<230		250	230	ug/Kg		02/25/21 20:31	02/26/21 11:52	1
1,4-Dichlorobenzene	<55		250	55	ug/Kg		02/25/21 20:31	02/26/21 11:52	1
Bromomethane	<170		250	170	ug/Kg		02/25/21 20:31	02/26/21 11:52	1
Carbon disulfide	<110		250	110	ug/Kg		02/25/21 20:31	02/26/21 11:52	1
Carbon tetrachloride	<100		250	100	ug/Kg		02/25/21 20:31	02/26/21 11:52	1
1,1-Dichloroethane	<48		250	48	ug/Kg		02/25/21 20:31	02/26/21 11:52	1
Chlorobenzene	<35		250	35	ug/Kg		02/25/21 20:31	02/26/21 11:52	1
1,2-Dichloroethane	<47		250	47	ug/Kg		02/25/21 20:31	02/26/21 11:52	1
Chloroethane	<150		250	150	ug/Kg		02/25/21 20:31	02/26/21 11:52	1
Chloroform	<54		250	54	ug/Kg		02/25/21 20:31	02/26/21 11:52	1
1,1-Dichloroethene	<82		250	82	ug/Kg		02/25/21 20:31	02/26/21 11:52	1
Chloromethane	<66		250	66	ug/Kg		02/25/21 20:31	02/26/21 11:52	1
1,2-Dichloropropane	<37		250	37	ug/Kg		02/25/21 20:31	02/26/21 11:52	1
cis-1,2-Dichloroethene	<40		250	40	ug/Kg		02/25/21 20:31	02/26/21 11:52	1
1,4-Dioxane	<2300		13000	2300	ug/Kg		02/25/21 20:31	02/26/21 11:52	1
cis-1,3-Dichloropropene	<120		250	120	ug/Kg		02/25/21 20:31	02/26/21 11:52	1
Dichlorobromomethane	<28		250	28	ug/Kg		02/25/21 20:31	02/26/21 11:52	1
Dichlorodifluoromethane	<53		250	53	ug/Kg		02/25/21 20:31	02/26/21 11:52	1
2-Hexanone	<260		1000	260	ug/Kg		02/25/21 20:31	02/26/21 11:52	1
Ethylbenzene	<47		250	47	ug/Kg		02/25/21 20:31	02/26/21 11:52	1
Ethylene Dibromide	<79		250	79	ug/Kg		02/25/21 20:31	02/26/21 11:52	1
Isopropylbenzene	<38		250	38	ug/Kg		02/25/21 20:31	02/26/21 11:52	1
2-Butanone (MEK)	<160		1000	160	ug/Kg		02/25/21 20:31	02/26/21 11:52	1
4-Methyl-2-pentanone (MIBK)	<240		1000	240	ug/Kg		02/25/21 20:31	02/26/21 11:52	1
Methyl tert-butyl ether	<37		250	37	ug/Kg		02/25/21 20:31	02/26/21 11:52	1
1,1,2,2-Tetrachloroethane	<150		250	150	ug/Kg		02/25/21 20:31	02/26/21 11:52	1
Methylene Chloride	<380		500	380	ug/Kg		02/25/21 20:31	02/26/21 11:52	1
Styrene	<52		250	52	ug/Kg		02/25/21 20:31	02/26/21 11:52	1
Tetrachloroethene	<97		250	97	ug/Kg		02/25/21 20:31	02/26/21 11:52	1
Toluene	<240		250	240	ug/Kg		02/25/21 20:31	02/26/21 11:52	1
1,2,4-Trichlorobenzene	<130		250	130	ug/Kg		02/25/21 20:31	02/26/21 11:52	1
trans-1,2-Dichloroethene	<62		250	62	ug/Kg		02/25/21 20:31	02/26/21 11:52	1
1,1,1-Trichloroethane	<78		250	78	ug/Kg		02/25/21 20:31	02/26/21 11:52	1
trans-1,3-Dichloropropene	<110		250	110	ug/Kg		02/25/21 20:31	02/26/21 11:52	1
1,1,2-Trichloroethane	<57		250	57	ug/Kg		02/25/21 20:31	02/26/21 11:52	1
Trichloroethene	<140		250	140	ug/Kg		02/25/21 20:31	02/26/21 11:52	1
Trichlorofluoromethane	<140		250	140	ug/Kg		02/25/21 20:31	02/26/21 11:52	1
Vinyl chloride	<120		250	120	ug/Kg		02/25/21 20:31	02/26/21 11:52	1
Xylenes, Total	<91		500	91	ug/Kg		02/25/21 20:31	02/26/21 11:52	1
Chlorodibromomethane	<120		250	120	ug/Kg		02/25/21 20:31	02/26/21 11:52	1
Naphthalene	<120		250	120	ug/Kg		02/25/21 20:31	02/26/21 11:52	1

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: MB 240-474557/1-A
Matrix: Solid
Analysis Batch: 474603

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 474557

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	79		51 - 124	02/25/21 20:31	02/26/21 11:52	1
1,2-Dichloroethane-d4 (Surr)	86		47 - 136	02/25/21 20:31	02/26/21 11:52	1
Toluene-d8 (Surr)	80		55 - 123	02/25/21 20:31	02/26/21 11:52	1
Dibromofluoromethane (Surr)	80		49 - 122	02/25/21 20:31	02/26/21 11:52	1

Lab Sample ID: LCS 240-474557/2-A
Matrix: Solid
Analysis Batch: 474603

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 474557

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
1,2-Dibromo-3-Chloropropane	1000	721		ug/Kg		72	35 - 137
Acetone	2000	1740		ug/Kg		87	47 - 157
1,2-Dichlorobenzene	1000	953		ug/Kg		95	74 - 120
Benzene	1000	1030		ug/Kg		103	75 - 120
1,3-Dichlorobenzene	1000	996		ug/Kg		100	74 - 120
Bromoform	1000	865		ug/Kg		87	44 - 131
1,4-Dichlorobenzene	1000	974		ug/Kg		97	74 - 120
Bromomethane	1000	358		ug/Kg		36	10 - 158
Carbon disulfide	1000	739		ug/Kg		74	33 - 144
Carbon tetrachloride	1000	858		ug/Kg		86	54 - 130
1,1-Dichloroethane	1000	942		ug/Kg		94	69 - 120
Chlorobenzene	1000	970		ug/Kg		97	79 - 120
1,2-Dichloroethane	1000	921		ug/Kg		92	66 - 120
Chloroethane	1000	374		ug/Kg		37	10 - 159
Chloroform	1000	989		ug/Kg		99	74 - 120
1,1-Dichloroethene	1000	945		ug/Kg		95	48 - 140
Chloromethane	1000	716		ug/Kg		72	40 - 127
1,2-Dichloropropane	1000	988		ug/Kg		99	77 - 120
cis-1,2-Dichloroethene	1000	1040		ug/Kg		104	76 - 120
1,4-Dioxane	20000	21400		ug/Kg		107	44 - 154
cis-1,3-Dichloropropene	1000	925		ug/Kg		93	62 - 124
Dichlorobromomethane	1000	982		ug/Kg		98	63 - 121
Dichlorodifluoromethane	1000	622		ug/Kg		62	18 - 137
2-Hexanone	2000	1670		ug/Kg		83	54 - 135
Ethylbenzene	1000	972		ug/Kg		97	75 - 120
Ethylene Dibromide	1000	953		ug/Kg		95	73 - 126
Isopropylbenzene	1000	1060		ug/Kg		106	74 - 120
2-Butanone (MEK)	2000	1830		ug/Kg		92	61 - 131
m-Xylene & p-Xylene	1000	975		ug/Kg		97	76 - 120
4-Methyl-2-pentanone (MIBK)	2000	1590		ug/Kg		80	56 - 124
Methyl tert-butyl ether	1000	1020		ug/Kg		102	66 - 120
1,1,2,2-Tetrachloroethane	1000	875		ug/Kg		88	61 - 134
Methylene Chloride	1000	920		ug/Kg		92	48 - 142
o-Xylene	1000	1010		ug/Kg		101	76 - 120
Styrene	1000	965		ug/Kg		96	70 - 120
Tetrachloroethene	1000	1020		ug/Kg		102	75 - 124
Toluene	1000	955		ug/Kg		96	76 - 120
1,2,4-Trichlorobenzene	1000	921		ug/Kg		92	56 - 120

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: LCS 240-474557/2-A
Matrix: Solid
Analysis Batch: 474603

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 474557

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
trans-1,2-Dichloroethene	1000	1000		ug/Kg		100	74 - 125
1,1,1-Trichloroethane	1000	911		ug/Kg		91	60 - 126
trans-1,3-Dichloropropene	1000	784		ug/Kg		78	58 - 120
1,1,2-Trichloroethane	1000	959		ug/Kg		96	78 - 120
Trichloroethene	1000	1010		ug/Kg		101	75 - 123
Trichlorofluoromethane	1000	731		ug/Kg		73	33 - 152
Vinyl chloride	1000	791		ug/Kg		79	39 - 140
Xylenes, Total	2000	1990		ug/Kg		99	77 - 120
Chlorodibromomethane	1000	828		ug/Kg		83	60 - 121
Naphthalene	1000	834		ug/Kg		83	43 - 127

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
4-Bromofluorobenzene (Surr)	*84*		*51 - 124*
1,2-Dichloroethane-d4 (Surr)	*86*		*47 - 136*
Toluene-d8 (Surr)	*84*		*55 - 123*
Dibromofluoromethane (Surr)	*86*		*49 - 122*

Lab Sample ID: MB 240-474559/1-A
Matrix: Solid
Analysis Batch: 474603

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 474559

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2-Dibromo-3-Chloropropane	<3.6		10	3.6	ug/Kg		02/25/21 23:51	02/26/21 08:14	1
Acetone	<21		25	21	ug/Kg		02/25/21 23:51	02/26/21 08:14	1
1,2-Dichlorobenzene	<1.1		5.0	1.1	ug/Kg		02/25/21 23:51	02/26/21 08:14	1
Benzene	<0.70		5.0	0.70	ug/Kg		02/25/21 23:51	02/26/21 08:14	1
1,3-Dichlorobenzene	<0.82		5.0	0.82	ug/Kg		02/25/21 23:51	02/26/21 08:14	1
Bromoform	<2.4		5.0	2.4	ug/Kg		02/25/21 23:51	02/26/21 08:14	1
1,4-Dichlorobenzene	<0.88		5.0	0.88	ug/Kg		02/25/21 23:51	02/26/21 08:14	1
Bromomethane	<0.99		5.0	0.99	ug/Kg		02/25/21 23:51	02/26/21 08:14	1
Carbon disulfide	<1.2		5.0	1.2	ug/Kg		02/25/21 23:51	02/26/21 08:14	1
Carbon tetrachloride	<3.3		5.0	3.3	ug/Kg		02/25/21 23:51	02/26/21 08:14	1
1,1-Dichloroethane	<0.69		5.0	0.69	ug/Kg		02/25/21 23:51	02/26/21 08:14	1
Chlorobenzene	<0.92		5.0	0.92	ug/Kg		02/25/21 23:51	02/26/21 08:14	1
1,2-Dichloroethane	<0.77		5.0	0.77	ug/Kg		02/25/21 23:51	02/26/21 08:14	1
Chloroethane	<1.2		5.0	1.2	ug/Kg		02/25/21 23:51	02/26/21 08:14	1
Chloroform	<0.79		5.0	0.79	ug/Kg		02/25/21 23:51	02/26/21 08:14	1
1,1-Dichloroethene	<0.90		5.0	0.90	ug/Kg		02/25/21 23:51	02/26/21 08:14	1
Chloromethane	<1.0		5.0	1.0	ug/Kg		02/25/21 23:51	02/26/21 08:14	1
1,2-Dichloropropane	<0.85		5.0	0.85	ug/Kg		02/25/21 23:51	02/26/21 08:14	1
cis-1,2-Dichloroethene	<0.65		5.0	0.65	ug/Kg		02/25/21 23:51	02/26/21 08:14	1
1,4-Dioxane	<22		250	22	ug/Kg		02/25/21 23:51	02/26/21 08:14	1
cis-1,3-Dichloropropene	<1.4		5.0	1.4	ug/Kg		02/25/21 23:51	02/26/21 08:14	1
Dichlorobromomethane	<0.68		5.0	0.68	ug/Kg		02/25/21 23:51	02/26/21 08:14	1
Dichlorodifluoromethane	<0.94		5.0	0.94	ug/Kg		02/25/21 23:51	02/26/21 08:14	1
2-Hexanone	<4.1		20	4.1	ug/Kg		02/25/21 23:51	02/26/21 08:14	1
Ethylbenzene	<1.0		5.0	1.0	ug/Kg		02/25/21 23:51	02/26/21 08:14	1
Ethylene Dibromide	<0.77		5.0	0.77	ug/Kg		02/25/21 23:51	02/26/21 08:14	1

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: MB 240-474559/1-A
Matrix: Solid
Analysis Batch: 474603

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 474559

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Isopropylbenzene	<0.83		5.0	0.83	ug/Kg		02/25/21 23:51	02/26/21 08:14	1
2-Butanone (MEK)	<3.6		20	3.6	ug/Kg		02/25/21 23:51	02/26/21 08:14	1
4-Methyl-2-pentanone (MIBK)	<3.7		20	3.7	ug/Kg		02/25/21 23:51	02/26/21 08:14	1
Methyl tert-butyl ether	<0.82		5.0	0.82	ug/Kg		02/25/21 23:51	02/26/21 08:14	1
1,1,2,2-Tetrachloroethane	<1.4		5.0	1.4	ug/Kg		02/25/21 23:51	02/26/21 08:14	1
Methylene Chloride	<12		25	12	ug/Kg		02/25/21 23:51	02/26/21 08:14	1
Styrene	<1.2		5.0	1.2	ug/Kg		02/25/21 23:51	02/26/21 08:14	1
Tetrachloroethene	<0.73		5.0	0.73	ug/Kg		02/25/21 23:51	02/26/21 08:14	1
Toluene	<0.77		5.0	0.77	ug/Kg		02/25/21 23:51	02/26/21 08:14	1
1,2,4-Trichlorobenzene	<0.57		5.0	0.57	ug/Kg		02/25/21 23:51	02/26/21 08:14	1
trans-1,2-Dichloroethene	<0.47		5.0	0.47	ug/Kg		02/25/21 23:51	02/26/21 08:14	1
1,1,1-Trichloroethane	<0.82		5.0	0.82	ug/Kg		02/25/21 23:51	02/26/21 08:14	1
trans-1,3-Dichloropropene	<1.0		5.0	1.0	ug/Kg		02/25/21 23:51	02/26/21 08:14	1
1,1,2-Trichloroethane	<1.1		5.0	1.1	ug/Kg		02/25/21 23:51	02/26/21 08:14	1
Trichloroethene	<0.63		5.0	0.63	ug/Kg		02/25/21 23:51	02/26/21 08:14	1
Trichlorofluoromethane	<1.1		5.0	1.1	ug/Kg		02/25/21 23:51	02/26/21 08:14	1
Vinyl chloride	<0.84		5.0	0.84	ug/Kg		02/25/21 23:51	02/26/21 08:14	1
Xylenes, Total	<1.6		10	1.6	ug/Kg		02/25/21 23:51	02/26/21 08:14	1
Chlorodibromomethane	<2.8		5.0	2.8	ug/Kg		02/25/21 23:51	02/26/21 08:14	1
Naphthalene	<2.7		5.0	2.7	ug/Kg		02/25/21 23:51	02/26/21 08:14	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*89*		*51 - 127*	*02/25/21 23:51*	*02/26/21 08:14*	*1*
1,2-Dichloroethane-d4 (Surr)	*83*		*59 - 120*	*02/25/21 23:51*	*02/26/21 08:14*	*1*
Toluene-d8 (Surr)	*90*		*64 - 124*	*02/25/21 23:51*	*02/26/21 08:14*	*1*
Dibromofluoromethane (Surr)	*86*		*56 - 122*	*02/25/21 23:51*	*02/26/21 08:14*	*1*

Lab Sample ID: MB 240-474559/2-A
Matrix: Solid
Analysis Batch: 474788

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 474559

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2-Dibromo-3-Chloropropane	<3.6		10	3.6	ug/Kg		02/25/21 23:51	03/01/21 08:38	1
Acetone	<21		25	21	ug/Kg		02/25/21 23:51	03/01/21 08:38	1
1,2-Dichlorobenzene	<1.1		5.0	1.1	ug/Kg		02/25/21 23:51	03/01/21 08:38	1
Benzene	<0.70		5.0	0.70	ug/Kg		02/25/21 23:51	03/01/21 08:38	1
1,3-Dichlorobenzene	<0.82		5.0	0.82	ug/Kg		02/25/21 23:51	03/01/21 08:38	1
Bromoform	<2.4		5.0	2.4	ug/Kg		02/25/21 23:51	03/01/21 08:38	1
1,4-Dichlorobenzene	<0.88		5.0	0.88	ug/Kg		02/25/21 23:51	03/01/21 08:38	1
Bromomethane	<0.99		5.0	0.99	ug/Kg		02/25/21 23:51	03/01/21 08:38	1
Carbon disulfide	<1.2		5.0	1.2	ug/Kg		02/25/21 23:51	03/01/21 08:38	1
Carbon tetrachloride	<3.3		5.0	3.3	ug/Kg		02/25/21 23:51	03/01/21 08:38	1
1,1-Dichloroethane	<0.69		5.0	0.69	ug/Kg		02/25/21 23:51	03/01/21 08:38	1
Chlorobenzene	<0.92		5.0	0.92	ug/Kg		02/25/21 23:51	03/01/21 08:38	1
1,2-Dichloroethane	<0.77		5.0	0.77	ug/Kg		02/25/21 23:51	03/01/21 08:38	1
Chloroethane	<1.2		5.0	1.2	ug/Kg		02/25/21 23:51	03/01/21 08:38	1
Chloroform	<0.79		5.0	0.79	ug/Kg		02/25/21 23:51	03/01/21 08:38	1
1,1-Dichloroethene	<0.90		5.0	0.90	ug/Kg		02/25/21 23:51	03/01/21 08:38	1

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: MB 240-474559/2-A
Matrix: Solid
Analysis Batch: 474788

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 474559

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloromethane	<1.0		5.0	1.0	ug/Kg		02/25/21 23:51	03/01/21 08:38	1
1,2-Dichloropropane	<0.85		5.0	0.85	ug/Kg		02/25/21 23:51	03/01/21 08:38	1
cis-1,2-Dichloroethene	<0.65		5.0	0.65	ug/Kg		02/25/21 23:51	03/01/21 08:38	1
1,4-Dioxane	<22		250	22	ug/Kg		02/25/21 23:51	03/01/21 08:38	1
cis-1,3-Dichloropropene	<1.4		5.0	1.4	ug/Kg		02/25/21 23:51	03/01/21 08:38	1
Dichlorobromomethane	<0.68		5.0	0.68	ug/Kg		02/25/21 23:51	03/01/21 08:38	1
Dichlorodifluoromethane	<0.94		5.0	0.94	ug/Kg		02/25/21 23:51	03/01/21 08:38	1
2-Hexanone	<4.1		20	4.1	ug/Kg		02/25/21 23:51	03/01/21 08:38	1
Ethylbenzene	<1.0		5.0	1.0	ug/Kg		02/25/21 23:51	03/01/21 08:38	1
Ethylene Dibromide	<0.77		5.0	0.77	ug/Kg		02/25/21 23:51	03/01/21 08:38	1
Isopropylbenzene	<0.83		5.0	0.83	ug/Kg		02/25/21 23:51	03/01/21 08:38	1
2-Butanone (MEK)	<3.6		20	3.6	ug/Kg		02/25/21 23:51	03/01/21 08:38	1
4-Methyl-2-pentanone (MIBK)	<3.7		20	3.7	ug/Kg		02/25/21 23:51	03/01/21 08:38	1
Methyl tert-butyl ether	<0.82		5.0	0.82	ug/Kg		02/25/21 23:51	03/01/21 08:38	1
1,1,2,2-Tetrachloroethane	<1.4		5.0	1.4	ug/Kg		02/25/21 23:51	03/01/21 08:38	1
Methylene Chloride	<12		25	12	ug/Kg		02/25/21 23:51	03/01/21 08:38	1
Styrene	<1.2		5.0	1.2	ug/Kg		02/25/21 23:51	03/01/21 08:38	1
Tetrachloroethene	<0.73		5.0	0.73	ug/Kg		02/25/21 23:51	03/01/21 08:38	1
Toluene	<0.77		5.0	0.77	ug/Kg		02/25/21 23:51	03/01/21 08:38	1
1,2,4-Trichlorobenzene	<0.57		5.0	0.57	ug/Kg		02/25/21 23:51	03/01/21 08:38	1
trans-1,2-Dichloroethene	<0.47		5.0	0.47	ug/Kg		02/25/21 23:51	03/01/21 08:38	1
1,1,1-Trichloroethane	<0.82		5.0	0.82	ug/Kg		02/25/21 23:51	03/01/21 08:38	1
trans-1,3-Dichloropropene	<1.0		5.0	1.0	ug/Kg		02/25/21 23:51	03/01/21 08:38	1
1,1,2-Trichloroethane	<1.1		5.0	1.1	ug/Kg		02/25/21 23:51	03/01/21 08:38	1
Trichloroethene	<0.63		5.0	0.63	ug/Kg		02/25/21 23:51	03/01/21 08:38	1
Trichlorofluoromethane	<1.1		5.0	1.1	ug/Kg		02/25/21 23:51	03/01/21 08:38	1
Vinyl chloride	<0.84		5.0	0.84	ug/Kg		02/25/21 23:51	03/01/21 08:38	1
Xylenes, Total	<1.6		10	1.6	ug/Kg		02/25/21 23:51	03/01/21 08:38	1
Chlorodibromomethane	<2.8		5.0	2.8	ug/Kg		02/25/21 23:51	03/01/21 08:38	1
Naphthalene	<2.7		5.0	2.7	ug/Kg		02/25/21 23:51	03/01/21 08:38	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*88*		*51 - 127*	*02/25/21 23:51*	*03/01/21 08:38*	*1*
1,2-Dichloroethane-d4 (Surr)	*84*		*59 - 120*	*02/25/21 23:51*	*03/01/21 08:38*	*1*
Toluene-d8 (Surr)	*91*		*64 - 124*	*02/25/21 23:51*	*03/01/21 08:38*	*1*
Dibromofluoromethane (Surr)	*89*		*56 - 122*	*02/25/21 23:51*	*03/01/21 08:38*	*1*

Lab Sample ID: LCS 240-474603/5
Matrix: Solid
Analysis Batch: 474603

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

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
1,2-Dibromo-3-Chloropropane	50.0	43.8		ug/Kg		88	35 - 137
Acetone	100	97.9		ug/Kg		98	47 - 157
1,2-Dichlorobenzene	50.0	49.4		ug/Kg		99	74 - 120
Benzene	50.0	49.5		ug/Kg		99	75 - 120
1,3-Dichlorobenzene	50.0	49.9		ug/Kg		100	74 - 120
Bromoform	50.0	55.2		ug/Kg		110	44 - 131

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: LCS 240-474603/5
Matrix: Solid
Analysis Batch: 474603

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

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
1,4-Dichlorobenzene	50.0	48.7		ug/Kg		97	74 - 120
Bromomethane	20.0	19.8		ug/Kg		99	10 - 158
Carbon disulfide	50.0	47.1		ug/Kg		94	33 - 144
Carbon tetrachloride	50.0	52.8		ug/Kg		106	54 - 130
1,1-Dichloroethane	50.0	46.0		ug/Kg		92	69 - 120
Chlorobenzene	50.0	47.7		ug/Kg		95	79 - 120
1,2-Dichloroethane	50.0	42.8		ug/Kg		86	66 - 120
Chloroethane	20.0	19.3		ug/Kg		97	10 - 159
Chloroform	50.0	47.6		ug/Kg		95	74 - 120
1,1-Dichloroethene	50.0	51.9		ug/Kg		104	48 - 140
Chloromethane	20.0	17.9		ug/Kg		90	40 - 127
1,2-Dichloropropane	50.0	47.2		ug/Kg		94	77 - 120
cis-1,2-Dichloroethene	50.0	50.1		ug/Kg		100	76 - 120
1,4-Dioxane	1000	1030		ug/Kg		103	44 - 154
cis-1,3-Dichloropropene	50.0	48.7		ug/Kg		97	62 - 124
Dichlorobromomethane	50.0	52.4		ug/Kg		105	63 - 121
Dichlorodifluoromethane	20.0	19.1		ug/Kg		95	18 - 137
2-Hexanone	100	85.0		ug/Kg		85	54 - 135
Ethylbenzene	50.0	49.4		ug/Kg		99	75 - 120
Ethylene Dibromide	50.0	48.3		ug/Kg		97	73 - 126
Isopropylbenzene	50.0	53.9		ug/Kg		108	74 - 120
2-Butanone (MEK)	100	86.0		ug/Kg		86	61 - 131
m-Xylene & p-Xylene	50.0	50.2		ug/Kg		100	76 - 120
4-Methyl-2-pentanone (MIBK)	100	83.6		ug/Kg		84	56 - 124
Methyl tert-butyl ether	50.0	48.5		ug/Kg		97	66 - 120
1,1,2,2-Tetrachloroethane	50.0	46.4		ug/Kg		93	61 - 134
Methylene Chloride	50.0	44.6		ug/Kg		89	48 - 142
o-Xylene	50.0	50.2		ug/Kg		100	76 - 120
Styrene	50.0	49.6		ug/Kg		99	70 - 120
Tetrachloroethene	50.0	54.0		ug/Kg		108	75 - 124
Toluene	50.0	47.7		ug/Kg		95	76 - 120
1,2,4-Trichlorobenzene	50.0	51.3		ug/Kg		103	56 - 120
trans-1,2-Dichloroethene	50.0	51.2		ug/Kg		102	74 - 125
1,1,1-Trichloroethane	50.0	51.8		ug/Kg		104	60 - 126
trans-1,3-Dichloropropene	50.0	43.1		ug/Kg		86	58 - 120
1,1,2-Trichloroethane	50.0	46.5		ug/Kg		93	78 - 120
Trichloroethene	50.0	52.0		ug/Kg		104	75 - 123
Trichlorofluoromethane	20.0	22.2		ug/Kg		111	33 - 152
Vinyl chloride	20.0	19.4		ug/Kg		97	39 - 140
Xylenes, Total	100	100		ug/Kg		100	77 - 120
Chlorodibromomethane	50.0	49.0		ug/Kg		98	60 - 121
Naphthalene	50.0	46.0		ug/Kg		92	43 - 127

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
4-Bromofluorobenzene (Surr)	*89*		*51 - 127*
1,2-Dichloroethane-d4 (Surr)	*79*		*59 - 120*
Toluene-d8 (Surr)	*92*		*64 - 124*
Dibromofluoromethane (Surr)	*87*		*56 - 122*

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: LCS 240-474788/5
Matrix: Solid
Analysis Batch: 474788

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

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
1,2-Dibromo-3-Chloropropane	50.0	47.0		ug/Kg		94	35 - 137
Acetone	100	109		ug/Kg		109	47 - 157
1,2-Dichlorobenzene	50.0	50.7		ug/Kg		101	74 - 120
Benzene	50.0	52.9		ug/Kg		106	75 - 120
1,3-Dichlorobenzene	50.0	51.2		ug/Kg		102	74 - 120
Bromoform	50.0	57.9		ug/Kg		116	44 - 131
1,4-Dichlorobenzene	50.0	50.1		ug/Kg		100	74 - 120
Bromomethane	20.0	20.5		ug/Kg		102	10 - 158
Carbon disulfide	50.0	50.8		ug/Kg		102	33 - 144
Carbon tetrachloride	50.0	57.4		ug/Kg		115	54 - 130
1,1-Dichloroethane	50.0	49.3		ug/Kg		99	69 - 120
Chlorobenzene	50.0	48.6		ug/Kg		97	79 - 120
1,2-Dichloroethane	50.0	45.3		ug/Kg		91	66 - 120
Chloroethane	20.0	19.6		ug/Kg		98	10 - 159
Chloroform	50.0	50.9		ug/Kg		102	74 - 120
1,1-Dichloroethene	50.0	55.8		ug/Kg		112	48 - 140
Chloromethane	20.0	17.8		ug/Kg		89	40 - 127
1,2-Dichloropropane	50.0	51.1		ug/Kg		102	77 - 120
cis-1,2-Dichloroethene	50.0	53.9		ug/Kg		108	76 - 120
1,4-Dioxane	1000	1110		ug/Kg		111	44 - 154
cis-1,3-Dichloropropene	50.0	52.4		ug/Kg		105	62 - 124
Dichlorobromomethane	50.0	56.3		ug/Kg		113	63 - 121
Dichlorodifluoromethane	20.0	19.1		ug/Kg		95	18 - 137
2-Hexanone	100	87.8		ug/Kg		88	54 - 135
Ethylbenzene	50.0	51.2		ug/Kg		102	75 - 120
Ethylene Dibromide	50.0	49.8		ug/Kg		100	73 - 126
Isopropylbenzene	50.0	55.5		ug/Kg		111	74 - 120
2-Butanone (MEK)	100	94.0		ug/Kg		94	61 - 131
m-Xylene & p-Xylene	50.0	51.4		ug/Kg		103	76 - 120
4-Methyl-2-pentanone (MIBK)	100	87.0		ug/Kg		87	56 - 124
Methyl tert-butyl ether	50.0	51.4		ug/Kg		103	66 - 120
1,1,2,2-Tetrachloroethane	50.0	48.5		ug/Kg		97	61 - 134
Methylene Chloride	50.0	47.8		ug/Kg		96	48 - 142
o-Xylene	50.0	51.7		ug/Kg		103	76 - 120
Styrene	50.0	50.9		ug/Kg		102	70 - 120
Tetrachloroethene	50.0	56.1		ug/Kg		112	75 - 124
Toluene	50.0	49.3		ug/Kg		99	76 - 120
1,2,4-Trichlorobenzene	50.0	52.4		ug/Kg		105	56 - 120
trans-1,2-Dichloroethene	50.0	55.6		ug/Kg		111	74 - 125
1,1,1-Trichloroethane	50.0	56.1		ug/Kg		112	60 - 126
trans-1,3-Dichloropropene	50.0	44.1		ug/Kg		88	58 - 120
1,1,2-Trichloroethane	50.0	48.6		ug/Kg		97	78 - 120
Trichloroethene	50.0	56.8		ug/Kg		114	75 - 123
Trichlorofluoromethane	20.0	23.2		ug/Kg		116	33 - 152
Vinyl chloride	20.0	19.7		ug/Kg		99	39 - 140
Xylenes, Total	100	103		ug/Kg		103	77 - 120
Chlorodibromomethane	50.0	50.5		ug/Kg		101	60 - 121
Naphthalene	50.0	47.9		ug/Kg		96	43 - 127

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: LCS 240-474788/5
Matrix: Solid
Analysis Batch: 474788

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

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
4-Bromofluorobenzene (Surr)	*89*		*51 - 127*
1,2-Dichloroethane-d4 (Surr)	*82*		*59 - 120*
Toluene-d8 (Surr)	*91*		*64 - 124*
Dibromofluoromethane (Surr)	*90*		*56 - 122*

Method: Moisture - Percent Moisture

Lab Sample ID: 240-144899-6 DU
Matrix: Solid
Analysis Batch: 474550

Client Sample ID: SB-37 (2-4)
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier		DU Result	DU Qualifier	Unit	D			RPD	RPD Limit
Percent Solids	78.2			76.8		%				2	20
Percent Moisture	21.8			23.2		%				6	20

QC Association Summary

Client: TRC Environmental Corporation
Project/Site: ABB 2019 \ 2020

Job ID: 240-144899-1

GC/MS VOA

Prep Batch: 474557

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
240-144899-1	SB-49 (0-2)	Total/NA	Solid	5035	
240-144899-2	SB-49 (2-4)	Total/NA	Solid	5035	
240-144899-3	SB-49 (4-6)	Total/NA	Solid	5035	
240-144899-7	SB-37 (4-6)	Total/NA	Solid	5035	
MB 240-474557/1-A	Method Blank	Total/NA	Solid	5035	
LCS 240-474557/2-A	Lab Control Sample	Total/NA	Solid	5035	

Prep Batch: 474559

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
240-144899-5	SB-37 (0-2)	Total/NA	Solid	5035	
240-144899-6	SB-37 (2-4)	Total/NA	Solid	5035	
MB 240-474559/1-A	Method Blank	Total/NA	Solid	5035	
MB 240-474559/2-A	Method Blank	Total/NA	Solid	5035	

Analysis Batch: 474603

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
240-144899-1	SB-49 (0-2)	Total/NA	Solid	8260B	474557
240-144899-3	SB-49 (4-6)	Total/NA	Solid	8260B	474557
240-144899-5	SB-37 (0-2)	Total/NA	Solid	8260B	474559
MB 240-474557/1-A	Method Blank	Total/NA	Solid	8260B	474557
MB 240-474559/1-A	Method Blank	Total/NA	Solid	8260B	474559
LCS 240-474557/2-A	Lab Control Sample	Total/NA	Solid	8260B	474557
LCS 240-474603/5	Lab Control Sample	Total/NA	Solid	8260B	

Analysis Batch: 474788

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
240-144899-2	SB-49 (2-4)	Total/NA	Solid	8260B	474557
240-144899-6	SB-37 (2-4)	Total/NA	Solid	8260B	474559
240-144899-7	SB-37 (4-6)	Total/NA	Solid	8260B	474557
MB 240-474559/2-A	Method Blank	Total/NA	Solid	8260B	474559
LCS 240-474788/5	Lab Control Sample	Total/NA	Solid	8260B	

General Chemistry

Analysis Batch: 474550

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
240-144899-1	SB-49 (0-2)	Total/NA	Solid	Moisture	
240-144899-2	SB-49 (2-4)	Total/NA	Solid	Moisture	
240-144899-3	SB-49 (4-6)	Total/NA	Solid	Moisture	
240-144899-5	SB-37 (0-2)	Total/NA	Solid	Moisture	
240-144899-6	SB-37 (2-4)	Total/NA	Solid	Moisture	
240-144899-7	SB-37 (4-6)	Total/NA	Solid	Moisture	
240-144899-6 DU	SB-37 (2-4)	Total/NA	Solid	Moisture	

Lab Chronicle

Client: TRC Environmental Corporation
Project/Site: ABB 2019 \ 2020

Job ID: 240-144899-1

Client Sample ID: SB-49 (0-2)
Lab Sample ID: 240-144899-1
Date Collected: 02/24/21 13:00
Matrix: Solid
Date Received: 02/24/21 17:10

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	Moisture		1	474550	02/25/21 15:36	JWW	TAL CAN

Client Sample ID: SB-49 (0-2)
Lab Sample ID: 240-144899-1
Date Collected: 02/24/21 13:00
Matrix: Solid
Date Received: 02/24/21 17:10
Percent Solids: 87.4

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			474557	02/25/21 20:31	LAM	TAL CAN
Total/NA	Analysis	8260B		1	474603	02/26/21 13:28	TJL2	TAL CAN

Client Sample ID: SB-49 (2-4)
Lab Sample ID: 240-144899-2
Date Collected: 02/24/21 13:05
Matrix: Solid
Date Received: 02/24/21 17:10

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	Moisture		1	474550	02/25/21 15:36	JWW	TAL CAN

Client Sample ID: SB-49 (2-4)
Lab Sample ID: 240-144899-2
Date Collected: 02/24/21 13:05
Matrix: Solid
Date Received: 02/24/21 17:10
Percent Solids: 74.3

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			474557	02/25/21 20:31	LAM	TAL CAN
Total/NA	Analysis	8260B		4	474788	03/01/21 16:40	TJL2	TAL CAN

Client Sample ID: SB-49 (4-6)
Lab Sample ID: 240-144899-3
Date Collected: 02/24/21 13:10
Matrix: Solid
Date Received: 02/24/21 17:10

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	Moisture		1	474550	02/25/21 15:36	JWW	TAL CAN

Client Sample ID: SB-49 (4-6)
Lab Sample ID: 240-144899-3
Date Collected: 02/24/21 13:10
Matrix: Solid
Date Received: 02/24/21 17:10
Percent Solids: 77.0

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			474557	02/25/21 20:31	LAM	TAL CAN
Total/NA	Analysis	8260B		1	474603	02/26/21 14:17	TJL2	TAL CAN

Client Sample ID: SB-37 (0-2)
Lab Sample ID: 240-144899-5
Date Collected: 02/24/21 11:45
Matrix: Solid
Date Received: 02/24/21 17:10

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	Moisture		1	474550	02/25/21 15:36	JWW	TAL CAN

Lab Chronicle

Client: TRC Environmental Corporation
Project/Site: ABB 2019 \ 2020

Job ID: 240-144899-1

Client Sample ID: SB-37 (0-2)
Date Collected: 02/24/21 11:45
Date Received: 02/24/21 17:10

Lab Sample ID: 240-144899-5
Matrix: Solid
Percent Solids: 82.0

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			474559	02/25/21 10:15	LAM	TAL CAN
Total/NA	Analysis	8260B		1	474603	02/26/21 11:28	TJL2	TAL CAN

Client Sample ID: SB-37 (2-4)
Date Collected: 02/24/21 11:48
Date Received: 02/24/21 17:10

Lab Sample ID: 240-144899-6
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	Moisture		1	474550	02/25/21 15:36	JWW	TAL CAN

Client Sample ID: SB-37 (2-4)
Date Collected: 02/24/21 11:48
Date Received: 02/24/21 17:10

Lab Sample ID: 240-144899-6
Matrix: Solid
Percent Solids: 78.2

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			474559	02/25/21 10:15	LAM	TAL CAN
Total/NA	Analysis	8260B		1	474788	03/01/21 15:04	TJL2	TAL CAN

Client Sample ID: SB-37 (4-6)
Date Collected: 02/24/21 11:50
Date Received: 02/24/21 17:10

Lab Sample ID: 240-144899-7
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	Moisture		1	474550	02/25/21 15:36	JWW	TAL CAN

Client Sample ID: SB-37 (4-6)
Date Collected: 02/24/21 11:50
Date Received: 02/24/21 17:10

Lab Sample ID: 240-144899-7
Matrix: Solid
Percent Solids: 78.8

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			474557	02/25/21 20:31	LAM	TAL CAN
Total/NA	Analysis	8260B		1	474788	03/01/21 17:28	TJL2	TAL CAN

Laboratory References:

TAL CAN = Eurofins TestAmerica, Canton, 4101 Shuffel Street NW, North Canton, OH 44720, TEL (330)497-9396

Accreditation/Certification Summary

Client: TRC Environmental Corporation
Project/Site: ABB 2019 \ 2020

Job ID: 240-144899-1

Laboratory: Eurofins TestAmerica, Canton

Unless otherwise noted, all analytes for this laboratory were covered under each accreditation/certification below.

Authority	Program	Identification Number	Expiration Date
Ohio VAP	State	CL0024	12-21-23

The following analytes are included in this report, but the laboratory is not certified by the governing authority. This list may include analytes for which the agency does not offer certification.

Analysis Method	Prep Method	Matrix	Analyte
8260B	5035	Solid	1,1,1-Trichloroethane
8260B	5035	Solid	1,1,2,2-Tetrachloroethane
8260B	5035	Solid	1,1,2-Trichloroethane
8260B	5035	Solid	1,1-Dichloroethane
8260B	5035	Solid	1,1-Dichloroethene
8260B	5035	Solid	1,2,4-Trichlorobenzene
8260B	5035	Solid	1,2-Dibromo-3-Chloropropane
8260B	5035	Solid	1,2-Dichlorobenzene
8260B	5035	Solid	1,2-Dichloroethane
8260B	5035	Solid	1,2-Dichloropropane
8260B	5035	Solid	1,3-Dichlorobenzene
8260B	5035	Solid	1,4-Dichlorobenzene
8260B	5035	Solid	1,4-Dioxane
8260B	5035	Solid	2-Butanone (MEK)
8260B	5035	Solid	2-Hexanone
8260B	5035	Solid	4-Methyl-2-pentanone (MIBK)
8260B	5035	Solid	Acetone
8260B	5035	Solid	Benzene
8260B	5035	Solid	Bromoform
8260B	5035	Solid	Bromomethane
8260B	5035	Solid	Carbon disulfide
8260B	5035	Solid	Carbon tetrachloride
8260B	5035	Solid	Chlorobenzene
8260B	5035	Solid	Chlorodibromomethane
8260B	5035	Solid	Chloroethane
8260B	5035	Solid	Chloroform
8260B	5035	Solid	Chloromethane
8260B	5035	Solid	cis-1,2-Dichloroethene
8260B	5035	Solid	cis-1,3-Dichloropropene
8260B	5035	Solid	Dichlorobromomethane
8260B	5035	Solid	Dichlorodifluoromethane
8260B	5035	Solid	Ethylbenzene
8260B	5035	Solid	Ethylene Dibromide
8260B	5035	Solid	Isopropylbenzene
8260B	5035	Solid	Methyl tert-butyl ether
8260B	5035	Solid	Methylene Chloride
8260B	5035	Solid	Naphthalene
8260B	5035	Solid	Styrene
8260B	5035	Solid	Tetrachloroethene
8260B	5035	Solid	Toluene
8260B	5035	Solid	trans-1,2-Dichloroethene
8260B	5035	Solid	trans-1,3-Dichloropropene
8260B	5035	Solid	Trichloroethene
8260B	5035	Solid	Trichlorofluoromethane
8260B	5035	Solid	Vinyl chloride

Accreditation/Certification Summary

Client: TRC Environmental Corporation
Project/Site: ABB 2019 \ 2020

Job ID: 240-144899-1

Laboratory: Eurofins TestAmerica, Canton (Continued)

Unless otherwise noted, all analytes for this laboratory were covered under each accreditation/certification below.

Authority		Program		Identification Number	Expiration Date
Ohio VAP		State		CL0024	12-21-23
8260B	5035	Solid	Xylenes, Total		
Moisture		Solid	Percent Moisture		
Moisture		Solid	Percent Solids		

Chain of Custody Record 497886

eurofins | Environment Testing TestAmerica

Address: _____

Regulatory Program: ☐ DW ☐ NPDES ☐ RCRA ☐ Other:

TAL-8210

Client Contact	Project Manager: LESLIE HOWELL	Site Contact:	Date:	COC No:
Company Name: TRC	Tel/Email:	Lab Contact: LESLIE HOWELL	Carrier:	_____ of _____ COCs
Address: 1382 WEST 9TH ST. SUITE 400	Analysis Turnaround Time			Sampler:
City/State/Zip: CLEVELAND, OH 44113	☐ CALENDAR DAYS ☐ WORKING DAYS			For Lab Use Only:
Phone:	TAT if different from Below _____			Walk-in Client:
Fax:	☐ 2 weeks			Lab Sampling:
Project Name: ABB 2019/2020	☐ 1 week			
Site: KTEUSCHER@TRCCOMPANIES.COM	☐ 2 days			Job / SDG No.:
P O #	☐ 1 day			

PROJECT # : 24024033

Sample Identification	Sample Date	Sample Time	Sample Type (C=Comp, G=Grab)	Matrix	# of Cont.	Filtered Sample (Y / N)	Perform MS / MSD (Y / N)	8260B - VOC	~~8010B, 7470 VOC~~	8260B - SPLP VOC	Sample Specific Notes:
SB-49 (0-2)	2/24/21	1300	G	S	1			1			
SB-49 (2-4)		1305	G	S	1			1			HOLD SPLP-VOC
SB-49 (4-6)		1310	G	S	1			1			PENDING VOC
SB-49		1310	G	S	1					1	ANALYSIS
SB-37 (0-2)		1145	G	S	1			1			
SB-37 (2-4)		1148	G	S	1			1			VAP CERTIFIED
SB-37 (4-6)		1150	G	S	1			1			DATA
SB-37		1150	G	S	1					1	
~~SB UPF~~											

240-144899 Chain of Custody

Preservation Used: 1= Ice, 2= HCl; 3= H2SO4; 4=HNO3; 5=NaOH; 6= Other _____

Possible Hazard Identification:
Are any samples from a listed EPA Hazardous Waste? Please List any EPA Waste Codes for the sample in the Comments Section if the lab is to dispose of the sample.

☐ Non-Hazard ☐ Flammable ☐ Skin Irritant ☐ Poison B ☐ Unknown

Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)

☐ Return to Client ☐ Disposal by Lab ☐ Archive for_____ Months

Special Instructions/QC Requirements & Comments:

Custody Seals Intact: ☐ Yes ☐ No | Custody Seal No.: | Cooler Temp. (°C): Obs'd:_____ Corr'd:_____ Therm ID No.:_____

Relinquished by:	Company:	Date/Time:	Received by:	Company:	Date/Time:
Shenton Fowler	TRC	2/24/21	[signature]	ETA	2-24-21 1710
Relinquished by:	Company:	Date/Time:	Received by:	Company:	Date/Time:
Relinquished by:	Company:	Date/Time:	Received in Laboratory by:	Company:	Date/Time:

Eurofins TestAmerica Canton Sample Receipt Form/Narrative **Login # :** 144899
Canton Facility

Client TRC Site Name _____ Cooler unpacked by: Adam Garrett

Cooler Received on 2-24-21 Opened on 2-25-21

FedEx: 1st Grd Exp UPS FAS Clipper Client Drop Off TestAmerica Courier Other _____

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

TestAmerica Cooler # T4 Foam Box Client Cooler Box Other _____

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

COOLANT: Wet Ice Blue Ice Dry Ice Water None

1. Cooler temperature upon receipt ☒ See Multiple Cooler Form
   IR GUN# IR-11 (CF +0.1 °C) Observed Cooler Temp._____°C Corrected Cooler Temp._____°C
   IR GUN #IR-12 (CF +0.2°C) Observed Cooler Temp._____°C Corrected Cooler Temp._____°C
2. Were tamper/custody seals on the outside of the cooler(s)? If Yes Quantity 0 Yes No
   -Were the seals on the outside of the cooler(s) signed & dated? Yes No NA
   -Were tamper/custody seals on the bottle(s) or bottle kits (LLHg/MeHg)? Yes No
   -Were tamper/custody seals intact and uncompromised? Yes No NA
3. Shippers' packing slip attached to the cooler(s)? Yes No
4. Did custody papers accompany the sample(s)? Yes No
5. Were the custody papers relinquished & signed in the appropriate place? Yes No
6. Was/were the person(s) who collected the samples clearly identified on the COC? Yes No
7. Did all bottles arrive in good condition (Unbroken)? Yes No
8. Could all bottle labels (ID/Date/Time) be reconciled with the COC? Yes No
9. For each sample, does the COC specify preservatives (Y/N), # of containers (Y/N), and sample type of grab/comp(Y/N)?
10. Were correct bottle(s) used for the test(s) indicated? Yes No
11. Sufficient quantity received to perform indicated analyses? Yes No
12. Are these work share samples and all listed on the COC? Yes No
    If yes, Questions 13-17 have been checked at the originating laboratory.
13. Were all preserved sample(s) at the correct pH upon receipt? Yes No NA pH Strip Lot# **HC907861**
14. Were VOAs on the COC? Yes No
15. Were air bubbles >6 mm in any VOA vials? ● ⬅ Larger than this. Yes No NA
16. Was a VOA trip blank present in the cooler(s)? Trip Blank Lot #_____ Yes No
17. Was a LL Hg or Me Hg trip blank present? _____ Yes No

Tests that are not checked for pH by Receiving:

VOAs
Oil and Grease
TOC

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

Concerning _____

18. CHAIN OF CUSTODY & SAMPLE DISCREPANCIES ☐ additional next page

Samples processed by:

19. SAMPLE CONDITION

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

Sample(s) _____ were received in a broken container.

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

20. SAMPLE PRESERVATION

Sample(s) _____ were further preserved in the laboratory.

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

VOA Sample Preservation - Date/Time VOAs Frozen: 2-25-21 / 1015

WI-NC-099

Login # : 144899

Eurofins TestAmerica Canton Sample Receipt Multiple Cooler Form				
Cooler Description (Circle)	IR Gun # (Circle)	Observed Temp °C	Corrected Temp °C	Coolant (Circle)
TA Client Box Other	IR-11 IR-12	3.4	3.5	Wet Ice Blue Ice Dry Ice Water None
TA Client Box Other	IR-11 IR-12	4.8	4.9	Wet Ice Blue Ice Dry Ice Water None
TA Client Box Other	IR-11 IR-12			Wet Ice Blue Ice Dry Ice Water None
TA Client Box Other	IR-11 IR-12			Wet Ice Blue Ice Dry Ice Water None
TA Client Box Other	IR-11 IR-12			Wet Ice Blue Ice Dry Ice Water None
TA Client Box Other	IR-11 IR-12			Wet Ice Blue Ice Dry Ice Water None
TA Client Box Other	IR-11 IR-12			Wet Ice Blue Ice Dry Ice Water None
TA Client Box Other	IR-11 IR-12			Wet Ice Blue Ice Dry Ice Water None
TA Client Box Other	IR-11 IR-12			Wet Ice Blue Ice Dry Ice Water None
TA Client Box Other	IR-11 IR-12			Wet Ice Blue Ice Dry Ice Water None
TA Client Box Other	IR-11 IR-12			Wet Ice Blue Ice Dry Ice Water None
TA Client Box Other	IR-11 IR-12			Wet Ice Blue Ice Dry Ice Water None
TA Client Box Other	IR-11 IR-12			Wet Ice Blue Ice Dry Ice Water None
TA Client Box Other	IR-11 IR-12			Wet Ice Blue Ice Dry Ice Water None
TA Client Box Other	IR-11 IR-12			Wet Ice Blue Ice Dry Ice Water None
TA Client Box Other	IR-11 IR-12			Wet Ice Blue Ice Dry Ice Water None
TA Client Box Other	IR-11 IR-12			Wet Ice Blue Ice Dry Ice Water None
TA Client Box Other	IR-11 IR-12			Wet Ice Blue Ice Dry Ice Water None
TA Client Box Other	IR-11 IR-12			Wet Ice Blue Ice Dry Ice Water None
TA Client Box Other	IR-11 IR-12			Wet Ice Blue Ice Dry Ice Water None
TA Client Box Other	IR-11 IR-12			Wet Ice Blue Ice Dry Ice Water None
TA Client Box Other	IR-11 IR-12			Wet Ice Blue Ice Dry Ice Water None
TA Client Box Other	IR-11 IR-12			Wet Ice Blue Ice Dry Ice Water None
TA Client Box Other	IR-11 IR-12			Wet Ice Blue Ice Dry Ice Water None
TA Client Box Other	IR-11 IR-12			Wet Ice Blue Ice Dry Ice Water None
TA Client Box Other	IR-11 IR-12			Wet Ice Blue Ice Dry Ice Water None
TA Client Box Other	IR-11 IR-12			Wet Ice Blue Ice Dry Ice Water None
TA Client Box Other	IR-11 IR-12			Wet Ice Blue Ice Dry Ice Water None
TA Client Box Other	IR-11 IR-12			Wet Ice Blue Ice Dry Ice Water None
TA Client Box Other	IR-11 IR-12			Wet Ice Blue Ice Dry Ice Water None
TA Client Box Other	IR-11 IR-12			Wet Ice Blue Ice Dry Ice Water None
☐ See Temperature Excursion Form				

WI-NC-099 Cooler Receipt Form Page 2 – Multiple Coolers

eurofins | Environment Testing America

ANALYTICAL REPORT

Eurofins TestAmerica, Canton
4101 Shuffel Street NW
North Canton, OH 44720
Tel: (330)497-9396

Laboratory Job ID: 240-144899-3
Client Project/Site: ABB 2019 \ 2020

For:
TRC Environmental Corporation.
690 Taylor Road
Suite 100
Gahanna, Ohio 43230

Attn: Mr. David Kreeger

Patrick O'Meara

Authorized for release by:
3/16/2021 4:45:38 PM

Patrick O'Meara, Manager of Project Management
(330)966-5725
patrick.o'meara@eurofinset.com

LINKS

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This report has been electronically signed and authorized by the signatory. Electronic signature is intended to be the legally binding equivalent of a traditionally handwritten signature.

Results relate only to the items tested and the sample(s) as received by the laboratory.

Table of Contents

Cover Page 1
Table of Contents 2
Definitions/Glossary 3
Case Narrative 4
Method Summary 6
Sample Summary 7
Detection Summary 8
Client Sample Results 9
Surrogate Summary 11
QC Sample Results 12
QC Association Summary 15
Lab Chronicle 16
Certification Summary 17
Chain of Custody 19

Definitions/Glossary

Client: TRC Environmental Corporation.
Project/Site: ABB 2019 \ 2020

Job ID: 240-144899-3

Qualifiers

GC/MS VOA

Qualifier	Qualifier Description
B	Compound was found in the blank and sample.
E	Result exceeded calibration range.
J	Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.

Glossary

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

Job ID: 240-144899-3

Laboratory: Eurofins TestAmerica, Canton

Narrative

CASE NARRATIVE

Client: TRC Environmental Corporation.

Project: ABB 2019 2020

Report Number: 240-144899-3

With the exceptions noted as flags or footnotes, standard analytical protocols were followed in the analysis of the samples and no problems were encountered or anomalies observed. In addition all laboratory quality control samples were within established control limits, with any exceptions noted below. Each sample was analyzed to achieve the lowest possible reporting limit within the constraints of the method. In some cases, due to interference or analytes present at high concentrations, samples were diluted. For diluted samples, the reporting limits are adjusted relative to the dilution required.

Eurofins TestAmerica, Canton attests to the validity of the laboratory data generated by Eurofins TestAmerica facilities reported herein. All analyses performed by Eurofins TestAmerica facilities were done using established laboratory SOPs that incorporate QA/QC procedures described in the application methods. Eurofins TestAmerica's operations groups have reviewed the data for compliance with the laboratory QA/QC plan, and data have been found to be compliant with laboratory protocols unless otherwise noted below.

The test results in this report meet all NELAP requirements for parameters for which accreditation is required or available. Any exceptions to NELAP requirements are noted in this report. Pursuant to NELAP, this report may not be reproduced, except in full, without the written approval of the laboratory.

Calculations are performed before rounding to avoid round-off errors in calculated results.

All holding times were met and proper preservation noted for the methods performed on these samples, unless otherwise detailed in the individual sections below.

All solid sample results are reported on an "as received" basis unless otherwise indicated by the presence of a % solids value in the method header.

This laboratory report is confidential and is intended for the sole use of Eurofins TestAmerica and its client.

RECEIPT
The samples were received on 2/24/2021 5:10 PM. Unless otherwise noted below, the samples arrived in good condition, and where required, properly preserved and on ice. The temperatures of the 2 coolers at receipt time were 3.5º C and 4.9º C.

SPLP VOLATILE ORGANIC COMPOUNDS (GCMS)
Sample SB-49 (240-144899-4) was analyzed for SPLP volatile organic compounds (GCMS) in accordance with EPA SW-846 Methods 1312/8260B. The samples were leached on 03/08/2021 and analyzed on 03/12/2021.

Acetone was detected in method blank LB 240-475925/1-A at a level that was above the method detection limit but below the reporting limit. The value should be considered an estimate, and has been flagged. If the associated sample reported a result above the MDL and/or RL, the result has been flagged.

Sample SB-49 (240-144899-4)[5X] required dilution prior to analysis. The reporting limits have been adjusted accordingly.

Sample SB-49 (240-144899-4) had high analyte concentrations that exceeded the calibration range; however, reanalysis could not be performed due to insufficient sample volume.

Insufficient sample volume was available to perform a matrix spike/matrix spike duplicate (MS/MSD) associated with preparation batch

Job ID: 240-144899-3 (Continued)

Laboratory: Eurofins TestAmerica, Canton (Continued)

240-475925 and analytical batch 240-476637.

The initial calibration (ICAL) did not pass the method calibration acceptance criteria for 1,4-dioxane, and chloroethane. This variance only affects results measured above the reporting limit. A CCV standard at or below the reporting limit (RL) was analyzed with the samples and found to be acceptable. This demonstrates the reporting limit is valid for the affected analytes. The samples associated with the ICAL were non-detects for the affected analytes; therefore, the results have been reported. The following samples are impacted: SB-49 (240-144899-4) and (CCVIS 240-476637/4).

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

Method Summary

Client: TRC Environmental Corporation.
Project/Site: ABB 2019 \ 2020

Job ID: 240-144899-3

Method	Method Description	Protocol	Laboratory
8260B	Volatile Organic Compounds (GC/MS)	SW846	TAL CAN
1312	SPLP Extraction	SW846	TAL CAN
5030B	Purge and Trap	SW846	TAL CAN

Protocol References:

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

Laboratory References:

TAL CAN = Eurofins TestAmerica, Canton, 4101 Shuffel Street NW, North Canton, OH 44720, TEL (330)497-9396

Sample Summary

Client: TRC Environmental Corporation.
Project/Site: ABB 2019 \ 2020

Job ID: 240-144899-3

Lab Sample ID	Client Sample ID	Matrix	Collected	Received	Asset ID
240-144899-4	SB-49	Solid	02/24/21 13:10	02/24/21 17:10	

Detection Summary

Client: TRC Environmental Corporation.
Project/Site: ABB 2019 \ 2020

Job ID: 240-144899-3

Client Sample ID: SB-49

Lab Sample ID: 240-144899-4

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Acetone	96	B	50	27	ug/L	5		8260B	SPLP
2-Butanone (MEK)	45	J	50	5.8	ug/L	5		8260B	SPLP
cis-1,2-Dichloroethene	16		5.0	0.80	ug/L	5		8260B	SPLP
1,1-Dichloroethane	46		5.0	0.85	ug/L	5		8260B	SPLP
1,2-Dichloroethane	16		5.0	1.1	ug/L	5		8260B	SPLP
1,1-Dichloroethene	130		5.0	0.95	ug/L	5		8260B	SPLP
Ethylbenzene	13		5.0	0.55	ug/L	5		8260B	SPLP
4-Methyl-2-pentanone (MIBK)	2.7	J	50	2.1	ug/L	5		8260B	SPLP
Tetrachloroethene	0.91	J	5.0	0.75	ug/L	5		8260B	SPLP
Toluene	850	E	5.0	0.70	ug/L	5		8260B	SPLP
trans-1,2-Dichloroethene	3.0	J	5.0	0.95	ug/L	5		8260B	SPLP
1,1,1-Trichloroethane	860	E	5.0	1.2	ug/L	5		8260B	SPLP
1,1,2-Trichloroethane	110		5.0	0.45	ug/L	5		8260B	SPLP
Trichloroethene	170		5.0	0.50	ug/L	5		8260B	SPLP
Xylenes, Total	54		10	0.75	ug/L	5		8260B	SPLP

This Detection Summary does not include radiochemical test results.

Client Sample Results

Client: TRC Environmental Corporation.
Project/Site: ABB 2019 \ 2020

Job ID: 240-144899-3

Client Sample ID: SB-49

Date Collected: 02/24/21 13:10
Date Received: 02/24/21 17:10

Lab Sample ID: 240-144899-4

Matrix: Solid

Method: 8260B - Volatile Organic Compounds (GC/MS) - SPLP

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	**96**	**B**	50	27	ug/L			03/12/21 18:48	5
Benzene	<0.65		5.0	0.65	ug/L			03/12/21 18:48	5
Bromoform	<3.8		5.0	3.8	ug/L			03/12/21 18:48	5
Bromomethane	<2.1		5.0	2.1	ug/L			03/12/21 18:48	5
2-Butanone (MEK)	**45**	**J**	50	5.8	ug/L			03/12/21 18:48	5
Carbon disulfide	<1.4		5.0	1.4	ug/L			03/12/21 18:48	5
Carbon tetrachloride	<1.3		5.0	1.3	ug/L			03/12/21 18:48	5
Chlorobenzene	<0.70		5.0	0.70	ug/L			03/12/21 18:48	5
Chlorodibromomethane	<2.0		5.0	2.0	ug/L			03/12/21 18:48	5
Chloroethane	<4.2		5.0	4.2	ug/L			03/12/21 18:48	5
Chloroform	<0.65		5.0	0.65	ug/L			03/12/21 18:48	5
Chloromethane	<1.0		5.0	1.0	ug/L			03/12/21 18:48	5
cis-1,2-Dichloroethene	**16**		5.0	0.80	ug/L			03/12/21 18:48	5
cis-1,3-Dichloropropene	<3.1		5.0	3.1	ug/L			03/12/21 18:48	5
1,2-Dibromo-3-Chloropropane	<4.6		10	4.6	ug/L			03/12/21 18:48	5
1,2-Dichlorobenzene	<0.75		5.0	0.75	ug/L			03/12/21 18:48	5
1,3-Dichlorobenzene	<0.75		5.0	0.75	ug/L			03/12/21 18:48	5
1,4-Dichlorobenzene	<0.80		5.0	0.80	ug/L			03/12/21 18:48	5
Dichlorobromomethane	<0.85		5.0	0.85	ug/L			03/12/21 18:48	5
Dichlorodifluoromethane	<1.8		5.0	1.8	ug/L			03/12/21 18:48	5
1,1-Dichloroethane	**46**		5.0	0.85	ug/L			03/12/21 18:48	5
1,2-Dichloroethane	**16**		5.0	1.1	ug/L			03/12/21 18:48	5
1,1-Dichloroethene	**130**		5.0	0.95	ug/L			03/12/21 18:48	5
1,2-Dichloropropane	<0.75		5.0	0.75	ug/L			03/12/21 18:48	5
1,4-Dioxane	<64		250	64	ug/L			03/12/21 18:48	5
Ethylbenzene	**13**		5.0	0.55	ug/L			03/12/21 18:48	5
Ethylene Dibromide	<0.60		5.0	0.60	ug/L			03/12/21 18:48	5
2-Hexanone	<2.7		50	2.7	ug/L			03/12/21 18:48	5
Isopropylbenzene	<0.45		5.0	0.45	ug/L			03/12/21 18:48	5
Methylene Chloride	<13		25	13	ug/L			03/12/21 18:48	5
4-Methyl-2-pentanone (MIBK)	**2.7**	**J**	50	2.1	ug/L			03/12/21 18:48	5
Methyl tert-butyl ether	<0.35		5.0	0.35	ug/L			03/12/21 18:48	5
Naphthalene	<1.6		5.0	1.6	ug/L			03/12/21 18:48	5
Styrene	<0.50		5.0	0.50	ug/L			03/12/21 18:48	5
1,1,2,2-Tetrachloroethane	<0.65		5.0	0.65	ug/L			03/12/21 18:48	5
Tetrachloroethene	**0.91**	**J**	5.0	0.75	ug/L			03/12/21 18:48	5
Toluene	**850**	**E**	5.0	0.70	ug/L			03/12/21 18:48	5
trans-1,2-Dichloroethene	**3.0**	**J**	5.0	0.95	ug/L			03/12/21 18:48	5
trans-1,3-Dichloropropene	<3.4		5.0	3.4	ug/L			03/12/21 18:48	5
1,2,4-Trichlorobenzene	<1.3		5.0	1.3	ug/L			03/12/21 18:48	5
1,1,1-Trichloroethane	**860**	**E**	5.0	1.2	ug/L			03/12/21 18:48	5
1,1,2-Trichloroethane	**110**		5.0	0.45	ug/L			03/12/21 18:48	5
Trichloroethene	**170**		5.0	0.50	ug/L			03/12/21 18:48	5
Trichlorofluoromethane	<2.3		5.0	2.3	ug/L			03/12/21 18:48	5
Vinyl chloride	<1.0		5.0	1.0	ug/L			03/12/21 18:48	5
Xylenes, Total	**54**		10	0.75	ug/L			03/12/21 18:48	5

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*101*		*47 - 134*		*03/12/21 18:48*	*5*
Dibromofluoromethane (Surr)	*87*		*78 - 129*		*03/12/21 18:48*	*5*

Client: TRC Environmental Corporation.
Project/Site: ABB 2019 \ 2020

Job ID: 240-144899-3

Client Sample ID: SB-49

Date Collected: 02/24/21 13:10
Date Received: 02/24/21 17:10

Lab Sample ID: 240-144899-4

Matrix: Solid

Method: 8260B - Volatile Organic Compounds (GC/MS) - SPLP (Continued)

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	94		75 - 130		03/12/21 18:48	5
Toluene-d8 (Surr)	101		69 - 122		03/12/21 18:48	5

Surrogate Summary

Client: TRC Environmental Corporation.
Project/Site: ABB 2019 \ 2020

Job ID: 240-144899-3

Method: 8260B - Volatile Organic Compounds (GC/MS)

Matrix: Solid **Prep Type: Total/NA**

		Percent Surrogate Recovery (Acceptance Limits)			
		BFB	DBFM	DCA	TOL
Lab Sample ID	Client Sample ID	(47-134)	(78-129)	(75-130)	(69-122)
LCS 240-476637/5	Lab Control Sample	105	87	90	103

Surrogate Legend

BFB = 4-Bromofluorobenzene (Surr)
DBFM = Dibromofluoromethane (Surr)
DCA = 1,2-Dichloroethane-d4 (Surr)
TOL = Toluene-d8 (Surr)

Method: 8260B - Volatile Organic Compounds (GC/MS)

Matrix: Solid **Prep Type: SPLP**

		Percent Surrogate Recovery (Acceptance Limits)			
		BFB	DBFM	DCA	TOL
Lab Sample ID	Client Sample ID	(47-134)	(78-129)	(75-130)	(69-122)
240-144899-4	SB-49	101	87	94	101
LB 240-475925/1-A MB	Method Blank	108	89	97	107

Surrogate Legend

BFB = 4-Bromofluorobenzene (Surr)
DBFM = Dibromofluoromethane (Surr)
DCA = 1,2-Dichloroethane-d4 (Surr)
TOL = Toluene-d8 (Surr)

QC Sample Results

Client: TRC Environmental Corporation.
Project/Site: ABB 2019 \ 2020

Job ID: 240-144899-3

Method: 8260B - Volatile Organic Compounds (GC/MS)

Lab Sample ID: LCS 240-476637/5
Matrix: Solid
Analysis Batch: 476637

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

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Acetone	40.0	24.0		ug/L		60	33 - 155
Benzene	20.0	18.9		ug/L		95	77 - 123
Bromoform	20.0	20.6		ug/L		103	47 - 133
Bromomethane	20.0	14.5		ug/L		73	48 - 144
2-Butanone (MEK)	40.0	33.6		ug/L		84	41 - 151
Carbon disulfide	20.0	16.9		ug/L		84	67 - 127
Carbon tetrachloride	20.0	19.3		ug/L		97	61 - 142
Chlorobenzene	20.0	20.9		ug/L		104	80 - 120
Chlorodibromomethane	20.0	21.6		ug/L		108	75 - 120
Chloroethane	20.0	16.0		ug/L		80	41 - 147
Chloroform	20.0	18.4		ug/L		92	74 - 127
Chloromethane	20.0	18.5		ug/L		93	46 - 148
cis-1,2-Dichloroethene	20.0	19.1		ug/L		96	75 - 124
cis-1,3-Dichloropropene	20.0	20.8		ug/L		104	68 - 128
1,2-Dibromo-3-Chloropropane	20.0	20.7		ug/L		104	34 - 136
1,2-Dichlorobenzene	20.0	20.6		ug/L		103	74 - 120
1,3-Dichlorobenzene	20.0	21.7		ug/L		108	74 - 120
1,4-Dichlorobenzene	20.0	21.3		ug/L		106	75 - 120
Dichlorobromomethane	20.0	20.1		ug/L		100	73 - 122
Dichlorodifluoromethane	20.0	17.3		ug/L		87	35 - 137
1,1-Dichloroethane	20.0	19.3		ug/L		96	74 - 126
1,2-Dichloroethane	20.0	18.5		ug/L		93	66 - 129
1,1-Dichloroethene	20.0	18.6		ug/L		93	73 - 129
1,2-Dichloropropane	20.0	20.5		ug/L		102	79 - 127
1,4-Dioxane	400	232		ug/L		58	10 - 172
Ethylbenzene	20.0	21.1		ug/L		106	80 - 120
Ethylene Dibromide	20.0	21.0		ug/L		105	73 - 120
2-Hexanone	40.0	44.6		ug/L		111	43 - 142
Isopropylbenzene	20.0	21.6		ug/L		108	73 - 123
Methylene Chloride	20.0	19.1		ug/L		95	63 - 134
4-Methyl-2-pentanone (MIBK)	40.0	39.5		ug/L		99	43 - 145
Methyl tert-butyl ether	20.0	17.8		ug/L		89	57 - 127
m-Xylene & p-Xylene	20.0	21.3		ug/L		106	79 - 121
Naphthalene	20.0	20.9		ug/L		105	28 - 130
o-Xylene	20.0	21.1		ug/L		106	75 - 123
Styrene	20.0	21.8		ug/L		109	75 - 121
1,1,2,2-Tetrachloroethane	20.0	23.1		ug/L		116	45 - 151
Tetrachloroethene	20.0	19.8		ug/L		99	70 - 125
Toluene	20.0	21.2		ug/L		106	79 - 122
trans-1,2-Dichloroethene	20.0	19.3		ug/L		96	74 - 130
trans-1,3-Dichloropropene	20.0	22.1		ug/L		111	64 - 120
1,2,4-Trichlorobenzene	20.0	20.4		ug/L		102	47 - 120
1,1,1-Trichloroethane	20.0	19.5		ug/L		98	65 - 141
1,1,2-Trichloroethane	20.0	20.8		ug/L		104	79 - 121
Trichloroethene	20.0	18.3		ug/L		91	71 - 121
Trichlorofluoromethane	20.0	15.9		ug/L		80	52 - 148
Vinyl chloride	20.0	19.5		ug/L		97	61 - 134
Xylenes, Total	40.0	42.4		ug/L		106	78 - 122

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: LCS 240-476637/5
Matrix: Solid
Analysis Batch: 476637

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

Surrogate	LCS %Recovery	LCS Qualifier	Limits
4-Bromofluorobenzene (Surr)	*105*		*47 - 134*
Dibromofluoromethane (Surr)	*87*		*78 - 129*
1,2-Dichloroethane-d4 (Surr)	*90*		*75 - 130*
Toluene-d8 (Surr)	*103*		*69 - 122*

Lab Sample ID: LB 240-475925/1-A MB
Matrix: Solid
Analysis Batch: 476462

Client Sample ID: Method Blank
Prep Type: SPLP

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	8.44	J	10	5.4	ug/L			03/12/21 00:14	1
Benzene	<0.13		1.0	0.13	ug/L			03/12/21 00:14	1
Bromoform	<0.76		1.0	0.76	ug/L			03/12/21 00:14	1
Bromomethane	<0.42		1.0	0.42	ug/L			03/12/21 00:14	1
2-Butanone (MEK)	<1.2		10	1.2	ug/L			03/12/21 00:14	1
Carbon disulfide	<0.28		1.0	0.28	ug/L			03/12/21 00:14	1
Carbon tetrachloride	<0.26		1.0	0.26	ug/L			03/12/21 00:14	1
Chlorobenzene	<0.14		1.0	0.14	ug/L			03/12/21 00:14	1
Chlorodibromomethane	<0.39		1.0	0.39	ug/L			03/12/21 00:14	1
Chloroethane	<0.83		1.0	0.83	ug/L			03/12/21 00:14	1
Chloroform	<0.13		1.0	0.13	ug/L			03/12/21 00:14	1
Chloromethane	<0.20		1.0	0.20	ug/L			03/12/21 00:14	1
cis-1,2-Dichloroethene	<0.16		1.0	0.16	ug/L			03/12/21 00:14	1
cis-1,3-Dichloropropene	<0.61		1.0	0.61	ug/L			03/12/21 00:14	1
1,2-Dibromo-3-Chloropropane	<0.91		2.0	0.91	ug/L			03/12/21 00:14	1
1,2-Dichlorobenzene	<0.15		1.0	0.15	ug/L			03/12/21 00:14	1
1,3-Dichlorobenzene	<0.15		1.0	0.15	ug/L			03/12/21 00:14	1
1,4-Dichlorobenzene	<0.16		1.0	0.16	ug/L			03/12/21 00:14	1
Dichlorobromomethane	<0.17		1.0	0.17	ug/L			03/12/21 00:14	1
Dichlorodifluoromethane	<0.35		1.0	0.35	ug/L			03/12/21 00:14	1
1,1-Dichloroethane	<0.17		1.0	0.17	ug/L			03/12/21 00:14	1
1,2-Dichloroethane	<0.21		1.0	0.21	ug/L			03/12/21 00:14	1
1,1-Dichloroethene	<0.19		1.0	0.19	ug/L			03/12/21 00:14	1
1,2-Dichloropropane	<0.15		1.0	0.15	ug/L			03/12/21 00:14	1
1,4-Dioxane	<13		50	13	ug/L			03/12/21 00:14	1
Ethylbenzene	<0.11		1.0	0.11	ug/L			03/12/21 00:14	1
Ethylene Dibromide	<0.12		1.0	0.12	ug/L			03/12/21 00:14	1
2-Hexanone	<0.54		10	0.54	ug/L			03/12/21 00:14	1
Isopropylbenzene	<0.090		1.0	0.090	ug/L			03/12/21 00:14	1
Methylene Chloride	<2.6		5.0	2.6	ug/L			03/12/21 00:14	1
4-Methyl-2-pentanone (MIBK)	<0.42		10	0.42	ug/L			03/12/21 00:14	1
Methyl tert-butyl ether	<0.070		1.0	0.070	ug/L			03/12/21 00:14	1
Naphthalene	<0.32		1.0	0.32	ug/L			03/12/21 00:14	1
Styrene	<0.10		1.0	0.10	ug/L			03/12/21 00:14	1
1,1,2,2-Tetrachloroethane	<0.13		1.0	0.13	ug/L			03/12/21 00:14	1
Tetrachloroethene	<0.15		1.0	0.15	ug/L			03/12/21 00:14	1
Toluene	<0.14		1.0	0.14	ug/L			03/12/21 00:14	1
trans-1,2-Dichloroethene	<0.19		1.0	0.19	ug/L			03/12/21 00:14	1

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: LB 240-475925/1-A MB
Matrix: Solid
Analysis Batch: 476462

Client Sample ID: Method Blank
Prep Type: SPLP

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
trans-1,3-Dichloropropene	<0.67		1.0	0.67	ug/L			03/12/21 00:14	1
1,2,4-Trichlorobenzene	<0.26		1.0	0.26	ug/L			03/12/21 00:14	1
1,1,1-Trichloroethane	<0.24		1.0	0.24	ug/L			03/12/21 00:14	1
1,1,2-Trichloroethane	<0.090		1.0	0.090	ug/L			03/12/21 00:14	1
Trichloroethene	<0.10		1.0	0.10	ug/L			03/12/21 00:14	1
Trichlorofluoromethane	<0.45		1.0	0.45	ug/L			03/12/21 00:14	1
Vinyl chloride	<0.20		1.0	0.20	ug/L			03/12/21 00:14	1
Xylenes, Total	<0.15		2.0	0.15	ug/L			03/12/21 00:14	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*108*		*47 - 134*		*03/12/21 00:14*	*1*
Dibromofluoromethane (Surr)	*89*		*78 - 129*		*03/12/21 00:14*	*1*
1,2-Dichloroethane-d4 (Surr)	*97*		*75 - 130*		*03/12/21 00:14*	*1*
Toluene-d8 (Surr)	*107*		*69 - 122*		*03/12/21 00:14*	*1*

QC Association Summary

Client: TRC Environmental Corporation.
Project/Site: ABB 2019 \ 2020

Job ID: 240-144899-3

GC/MS VOA

Leach Batch: 475925

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
240-144899-4	SB-49	SPLP	Solid	1312	
LB 240-475925/1-A MB	Method Blank	SPLP	Solid	1312	

Analysis Batch: 476462

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
LB 240-475925/1-A MB	Method Blank	SPLP	Solid	8260B	475925

Analysis Batch: 476637

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
240-144899-4	SB-49	SPLP	Solid	8260B	475925
LCS 240-476637/5	Lab Control Sample	Total/NA	Solid	8260B	

Lab Chronicle

Client: TRC Environmental Corporation.
Project/Site: ABB 2019 \ 2020

Job ID: 240-144899-3

Client Sample ID: SB-49

Date Collected: 02/24/21 13:10
Date Received: 02/24/21 17:10

Lab Sample ID: 240-144899-4

Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
SPLP	Leach	1312			475925	03/08/21 17:05	DRJ	TAL CAN
SPLP	Analysis	8260B		5	476637	03/12/21 18:48	TJL1	TAL CAN

Laboratory References:

TAL CAN = Eurofins TestAmerica, Canton, 4101 Shuffel Street NW, North Canton, OH 44720, TEL (330)497-9396

Accreditation/Certification Summary

Client: TRC Environmental Corporation.
Project/Site: ABB 2019 \ 2020

Job ID: 240-144899-3

Laboratory: Eurofins TestAmerica, Canton

Unless otherwise noted, all analytes for this laboratory were covered under each accreditation/certification below.

Authority	Program	Identification Number	Expiration Date
Ohio VAP	State	CL0024	12-21-23

The following analytes are included in this report, but the laboratory is not certified by the governing authority. This list may include analytes for which the agency does not offer certification.

Analysis Method	Prep Method	Matrix	Analyte
8260B		Solid	1,1,1-Trichloroethane
8260B		Solid	1,1,2,2-Tetrachloroethane
8260B		Solid	1,1,2-Trichloroethane
8260B		Solid	1,1-Dichloroethane
8260B		Solid	1,1-Dichloroethene
8260B		Solid	1,2,4-Trichlorobenzene
8260B		Solid	1,2-Dibromo-3-Chloropropane
8260B		Solid	1,2-Dichlorobenzene
8260B		Solid	1,2-Dichloroethane
8260B		Solid	1,2-Dichloropropane
8260B		Solid	1,3-Dichlorobenzene
8260B		Solid	1,4-Dichlorobenzene
8260B		Solid	1,4-Dioxane
8260B		Solid	2-Butanone (MEK)
8260B		Solid	2-Hexanone
8260B		Solid	4-Methyl-2-pentanone (MIBK)
8260B		Solid	Acetone
8260B		Solid	Benzene
8260B		Solid	Bromoform
8260B		Solid	Bromomethane
8260B		Solid	Carbon disulfide
8260B		Solid	Carbon tetrachloride
8260B		Solid	Chlorobenzene
8260B		Solid	Chlorodibromomethane
8260B		Solid	Chloroethane
8260B		Solid	Chloroform
8260B		Solid	Chloromethane
8260B		Solid	cis-1,2-Dichloroethene
8260B		Solid	cis-1,3-Dichloropropene
8260B		Solid	Dichlorobromomethane
8260B		Solid	Dichlorodifluoromethane
8260B		Solid	Ethylbenzene
8260B		Solid	Ethylene Dibromide
8260B		Solid	Isopropylbenzene
8260B		Solid	Methyl tert-butyl ether
8260B		Solid	Methylene Chloride
8260B		Solid	Naphthalene
8260B		Solid	Styrene
8260B		Solid	Tetrachloroethene
8260B		Solid	Toluene
8260B		Solid	trans-1,2-Dichloroethene
8260B		Solid	trans-1,3-Dichloropropene
8260B		Solid	Trichloroethene
8260B		Solid	Trichlorofluoromethane
8260B		Solid	Vinyl chloride

Accreditation/Certification Summary

Client: TRC Environmental Corporation.
Project/Site: ABB 2019 \ 2020

Job ID: 240-144899-3

Laboratory: Eurofins TestAmerica, Canton (Continued)

Unless otherwise noted, all analytes for this laboratory were covered under each accreditation/certification below.

Authority	Program	Identification Number	Expiration Date
Ohio VAP	State	CL0024	12-21-23
8260B	Solid	Xylenes, Total	

Chain of Custody Record 497886

eurofins | Environment Testing TestAmerica

Address: _____

Regulatory Program: ☐ DW ☐ NPDES ☐ RCRA ☐ Other:

TAL-8210

Client Contact	Project Manager: LESLIE HOWELL	Site Contact:	Date:	COC No:
Company Name: TRC	Tel/Email:	Lab Contact: LESLIE HOWELL	Carrier:	____ of ____ COCs
Address: 1382 WEST 9TH ST. SUITE 400	Analysis Turnaround Time			Sampler:
City/State/Zip: CLEVELAND, OH 44113	☐ CALENDAR DAYS ☐ WORKING DAYS			For Lab Use Only:
Phone:	TAT if different from Below ____			Walk-in Client:
Fax:	☐ 2 weeks			Lab Sampling:
Project Name: ABB 2019/2020	☐ 1 week			
Site: KTEUSCHER@TRCCOMPANIES.COM	☐ 2 days			Job / SDG No.:
P O #	☐ 1 day			

PROJECT #: 24024033

Sample Identification	Sample Date	Sample Time	Sample Type (C=Comp, G=Grab)	Matrix	# of Cont.	Filtered Sample (Y / N)	Perform MS / MSD (Y / N)	8260B - VOC	~~6010B, 7.4 KPF~~	8260B - SPLP VOC	Sample Specific Notes:
SB-49 (0-2)	2/24/21	1300	G	S	1			1			
SB-49 (2-4)		1305	G	S	1			1			HOLD SPLP-VOC
SB-49 (4-6)		1310	G	S	1			1			PENDING VOC
SB-49		1310	G	S	1					1	ANALYSIS
SB-37 (0-2)		1145	G	S	1			1			
SB-37 (2-4)		1148	G	S	1			1			VAP CERTIFIED
SB-37 (4-6)		1150	G	S	1			1			DATA
SB-37		1150	G	S	1					1	
SB KPF											

240-144899 Chain of Custody

Preservation Used: 1= Ice, 2= HCl; 3= H2SO4; 4=HNO3; 5=NaOH; 6= Other _____

Possible Hazard Identification:
Are any samples from a listed EPA Hazardous Waste? Please List any EPA Waste Codes for the sample in the Comments Section if the lab is to dispose of the sample.

☐ Non-Hazard ☐ Flammable ☐ Skin Irritant ☐ Poison B ☐ Unknown

Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)

☐ Return to Client ☐ Disposal by Lab ☐ Archive for _____ Months

Special Instructions/QC Requirements & Comments:

Custody Seals Intact: ☐ Yes ☐ No | Custody Seal No.: | Cooler Temp. (°C): Obs'd: _____ Corr'd: _____ Therm ID No.: _____

Relinquished by:	Company:	Date/Time:	Received by:	Company:	Date/Time:
Thenton Fowler	TRC	2/24/21	[signature]	ETA	2-24-21 1710
			Received in Laboratory by:		

Eurofins TestAmerica Canton Sample Receipt Form/Narrative **Login # :** 144899
Canton Facility

Client TRC Site Name _____ Cooler unpacked by: Adam Gomez

Cooler Received on 2-24-21 Opened on 2-25-21

FedEx: 1st Grd Exp UPS FAS Clipper Client Drop Off TestAmerica Courier Other _____

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

TestAmerica Cooler # 14 Foam Box Client Cooler Box Other _____

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

COOLANT: Wet Ice Blue Ice Dry Ice Water None

1. Cooler temperature upon receipt ☒ See Multiple Cooler Form
   IR GUN# IR-11 (CF +0.1 °C) Observed Cooler Temp._____°C Corrected Cooler Temp._____°C
   IR GUN #IR-12 (CF +0.2°C) Observed Cooler Temp._____°C Corrected Cooler Temp._____°C
2. Were tamper/custody seals on the outside of the cooler(s)? If Yes Quantity 6 Yes No
   -Were the seals on the outside of the cooler(s) signed & dated? Yes No NA
   -Were tamper/custody seals on the bottle(s) or bottle kits (LLHg/MeHg)? Yes No
   -Were tamper/custody seals intact and uncompromised? Yes No NA
3. Shippers' packing slip attached to the cooler(s)? Yes No
4. Did custody papers accompany the sample(s)? Yes No
5. Were the custody papers relinquished & signed in the appropriate place? Yes No
6. Was/were the person(s) who collected the samples clearly identified on the COC? Yes No
7. Did all bottles arrive in good condition (Unbroken)? Yes No
8. Could all bottle labels (ID/Date/Time) be reconciled with the COC? Yes No
9. For each sample, does the COC specify preservatives (Y/N), # of containers (Y/N), and sample type of grab/comp(Y/N)?
10. Were correct bottle(s) used for the test(s) indicated? Yes No
11. Sufficient quantity received to perform indicated analyses? Yes No
12. Are these work share samples and all listed on the COC? Yes No
    If yes, Questions 13-17 have been checked at the originating laboratory.
13. Were all preserved sample(s) at the correct pH upon receipt? Yes No NA pH Strip Lot# **HC907861**
14. Were VOAs on the COC? Yes No
15. Were air bubbles >6 mm in any VOA vials? ● ⬅ Larger than this. Yes No NA
16. Was a VOA trip blank present in the cooler(s)? Trip Blank Lot #_____ Yes No
17. Was a LL Hg or Me Hg trip blank present? _____ Yes No

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

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

Concerning _____

18. CHAIN OF CUSTODY & SAMPLE DISCREPANCIES ☐ additional next page

Samples processed by:

19. SAMPLE CONDITION

Sample(s) _____ were received after the recommended holding time had expired.
Sample(s) _____ were received in a broken container.
Sample(s) _____ were received with bubble >6 mm in diameter. (Notify PM)

20. SAMPLE PRESERVATION

Sample(s) _____ were further preserved in the laboratory.
Time preserved: _____ Preservative(s) added/Lot number(s): _____

VOA Sample Preservation - Date/Time VOAs Frozen: 2-25-21 / 1015

WI-NC-099

Login # : 144899

Eurofins TestAmerica Canton Sample Receipt Multiple Cooler Form				
Cooler Description (Circle)	IR Gun # (Circle)	Observed Temp °C	Corrected Temp °C	Coolant (Circle)
TA Client Box Other	IR-11 IR-12	3.4	3.5	Wet Ice Blue Ice Dry Ice Water None
TA Client Box Other	IR-11 IR-12	4.8	4.9	Wet Ice Blue Ice Dry Ice Water None
TA Client Box Other	IR-11 IR-12			Wet Ice Blue Ice Dry Ice Water None
TA Client Box Other	IR-11 IR-12			Wet Ice Blue Ice Dry Ice Water None
TA Client Box Other	IR-11 IR-12			Wet Ice Blue Ice Dry Ice Water None
TA Client Box Other	IR-11 IR-12			Wet Ice Blue Ice Dry Ice Water None
TA Client Box Other	IR-11 IR-12			Wet Ice Blue Ice Dry Ice Water None
TA Client Box Other	IR-11 IR-12			Wet Ice Blue Ice Dry Ice Water None
TA Client Box Other	IR-11 IR-12			Wet Ice Blue Ice Dry Ice Water None
TA Client Box Other	IR-11 IR-12			Wet Ice Blue Ice Dry Ice Water None
TA Client Box Other	IR-11 IR-12			Wet Ice Blue Ice Dry Ice Water None
TA Client Box Other	IR-11 IR-12			Wet Ice Blue Ice Dry Ice Water None
TA Client Box Other	IR-11 IR-12			Wet Ice Blue Ice Dry Ice Water None
TA Client Box Other	IR-11 IR-12			Wet Ice Blue Ice Dry Ice Water None
TA Client Box Other	IR-11 IR-12			Wet Ice Blue Ice Dry Ice Water None
TA Client Box Other	IR-11 IR-12			Wet Ice Blue Ice Dry Ice Water None
TA Client Box Other	IR-11 IR-12			Wet Ice Blue Ice Dry Ice Water None
TA Client Box Other	IR-11 IR-12			Wet Ice Blue Ice Dry Ice Water None
TA Client Box Other	IR-11 IR-12			Wet Ice Blue Ice Dry Ice Water None
TA Client Box Other	IR-11 IR-12			Wet Ice Blue Ice Dry Ice Water None
TA Client Box Other	IR-11 IR-12			Wet Ice Blue Ice Dry Ice Water None
TA Client Box Other	IR-11 IR-12			Wet Ice Blue Ice Dry Ice Water None
TA Client Box Other	IR-11 IR-12			Wet Ice Blue Ice Dry Ice Water None
TA Client Box Other	IR-11 IR-12			Wet Ice Blue Ice Dry Ice Water None
TA Client Box Other	IR-11 IR-12			Wet Ice Blue Ice Dry Ice Water None
TA Client Box Other	IR-11 IR-12			Wet Ice Blue Ice Dry Ice Water None
TA Client Box Other	IR-11 IR-12			Wet Ice Blue Ice Dry Ice Water None
TA Client Box Other	IR-11 IR-12			Wet Ice Blue Ice Dry Ice Water None
TA Client Box Other	IR-11 IR-12			Wet Ice Blue Ice Dry Ice Water None
TA Client Box Other	IR-11 IR-12			Wet Ice Blue Ice Dry Ice Water None
TA Client Box Other	IR-11 IR-12			Wet Ice Blue Ice Dry Ice Water None
☐ See Temperature Excursion Form				

WI-NC-099 Cooler Receipt Form Page 2 – Multiple Coolers

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ANALYTICAL REPORT

Eurofins TestAmerica, Canton
4101 Shuffel Street NW
North Canton, OH 44720
Tel: (330)497-9396

Laboratory Job ID: 240-144901-1
Client Project/Site: OVAP - ABB 2019 \ 2020

For:
TRC Environmental Corporation.
690 Taylor Road
Suite 100
Gahanna, Ohio 43230

Attn: Mr. David Kreeger

Patrick O'Meara

Authorized for release by:
3/9/2021 12:12:44 PM

Patrick O'Meara, Manager of Project Management
(330)966-5725
patrick.o'meara@eurofinset.com

LINKS

Review your project results through TotalAccess

Have a Question? Ask The Expert

Visit us at: www.eurofinsus.com/Env

This report has been electronically signed and authorized by the signatory. Electronic signature is intended to be the legally binding equivalent of a traditionally handwritten signature.

Results relate only to the items tested and the sample(s) as received by the laboratory.

Table of Contents

Cover Page 1
Table of Contents 2
Definitions/Glossary 3
Case Narrative 4
Method Summary 7
Sample Summary 8
Detection Summary 9
Client Sample Results 12
Surrogate Summary 28
QC Sample Results 30
QC Association Summary 40
Lab Chronicle 44
Certification Summary 48
Chain of Custody 50

Qualifiers

GC/MS VOA

Qualifier	Qualifier Description
J	Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.

Metals

Qualifier	Qualifier Description
B	Compound was found in the blank and sample.
J	Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.

General Chemistry

Qualifier	Qualifier Description
HF	Field parameter with a holding time of 15 minutes. Test performed by laboratory at client's request.

Glossary

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

Job ID: 240-144901-1

Laboratory: Eurofins TestAmerica, Canton

Narrative

CASE NARRATIVE

Client: TRC Environmental Corporation.

Project: OVAP - ABB 2019 2020

Report Number: 240-144901-1

With the exceptions noted as flags or footnotes, standard analytical protocols were followed in the analysis of the samples and no problems were encountered or anomalies observed. In addition all laboratory quality control samples were within established control limits, with any exceptions noted below. Each sample was analyzed to achieve the lowest possible reporting limit within the constraints of the method. In some cases, due to interference or analytes present at high concentrations, samples were diluted. For diluted samples, the reporting limits are adjusted relative to the dilution required.

Eurofins TestAmerica, Canton attests to the validity of the laboratory data generated by Eurofins TestAmerica facilities reported herein. All analyses performed by Eurofins TestAmerica facilities were done using established laboratory SOPs that incorporate QA/QC procedures described in the application methods. Eurofins TestAmerica's operations groups have reviewed the data for compliance with the laboratory QA/QC plan, and data have been found to be compliant with laboratory protocols unless otherwise noted below.

Sample methods requested and/or analyzed are not included on the Eurofins TestAmerica OVAP certification.

The test results in this report meet all NELAP requirements for parameters for which accreditation is required or available. Any exceptions to NELAP requirements are noted in this report. Pursuant to NELAP, this report may not be reproduced, except in full, without the written approval of the laboratory.

Calculations are performed before rounding to avoid round-off errors in calculated results.

All holding times were met and proper preservation noted for the methods performed on these samples, unless otherwise detailed in the individual sections below.

All solid sample results are reported on an "as received" basis unless otherwise indicated by the presence of a % solids value in the method header.

This laboratory report is confidential and is intended for the sole use of Eurofins TestAmerica and its client.

RECEIPT
The samples were received on 2/24/2021 5:10 PM. Unless otherwise noted below, the samples arrived in good condition, and where required, properly preserved and on ice. The temperatures of the 2 coolers at receipt time were 3.5º C and 4.9º C.

TCLP VOLATILE ORGANIC COMPOUNDS (GCMS)
Sample WCA01-01 (240-144901-11) was analyzed for TCLP volatile organic compounds (GCMS) in accordance with EPA SW-846 Methods 1311/8260B. The sample was leached on 03/03/2021 and analyzed on 03/05/2021.

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

VOLATILE ORGANIC COMPOUNDS (GCMS)
Samples SB-35 (0-2) (240-144901-1), SB-35 (2-4) (240-144901-2), SB-35 (4-6) (240-144901-3), SB-34 (0-2) (240-144901-6), SB-34 (2-4) (240-144901-7), SB-34 (4-6) (240-144901-8) and WCA01-01 (240-144901-11) were analyzed for volatile organic compounds (GCMS) in accordance with EPA SW-846 Method 8260B. The samples were prepared on 02/25/2021 and analyzed on 02/26/2021 and 03/01/2021.

Sample SB-35 (2-4) (240-144901-2)[1.25X] required dilution prior to analysis. The reporting limits have been adjusted accordingly.

Job ID: 240-144901-1 (Continued)

Laboratory: Eurofins TestAmerica, Canton (Continued)

Insufficient sample volume was available to perform a matrix spike/matrix spike duplicate (MS/MSD) associated with preparation batch 240-474557 and analytical batch 240-474603.

Insufficient sample volume was available to perform a matrix spike/matrix spike duplicate (MS/MSD) associated with preparation batch 240-474559 and analytical batch 240-474788.

The continuing calibration verification (CCV) associated with batch 240-475622 recovered above the upper control limit for Vinyl Chloride. The samples associated with this CCV were non-detect for the affected analyte; therefore, the data have been reported. WCA01-01 (240-144901-11) and (CCVIS 240-475622/3)

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

TCLP METALS (ICP)
Sample WCA01-01 (240-144901-11) was analyzed for TCLP metals (ICP) in accordance with EPA SW-846 Methods 1311/6010B. The samples were leached on 03/01/2021, prepared on 03/02/2021 and analyzed on 03/03/2021.

Arsenic, Barium and Chromium were detected in method blank LB 240-474931/1-B at levels that were above the method detection limit but below the reporting limit. The values should be considered estimates, and have been flagged. If the associated sample reported a result above the MDL and/or RL, the result has been flagged.

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

TOTAL METALS (ICP)
Samples SB-35 (0-2)_HEX (240-144901-5) and SB-34 (0-2)_HEX (240-144901-10) were analyzed for total metals (ICP) in accordance with EPA SW-846 Method 6010B. The samples were prepared on 02/26/2021 and analyzed on 03/01/2021.

Chromium failed the recovery criteria low for the MS of sample 240-144895-1 in batch 240-475036. Barium failed the recovery criteria high for the MSD of sample 240-144895-1 in batch 240-475036.

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

TCLP MERCURY
Sample WCA01-01 (240-144901-11) was analyzed for TCLP mercury in accordance with EPA SW-846 Methods 1311/7470A. The sample was leached on 03/01/2021, prepared on 03/02/2021 and analyzed on 03/03/2021.

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

TOTAL MERCURY
Samples SB-35 (0-2)_HEX (240-144901-5) and SB-34 (0-2)_HEX (240-144901-10) were analyzed for total mercury in accordance with EPA SW-846 Method 7471A. The samples were prepared on 02/26/2021 and analyzed on 03/02/2021.

Mercury failed the recovery criteria high for the MS of sample 240-144895-1 in batch 240-475270. Mercury failed the recovery criteria low for the MSD of sample 240-144895-1 in batch 240-475270. Mercury exceeded the RPD limit.

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

FLASHPOINT
Sample WCA01-01 (240-144901-11) was analyzed for flashpoint in accordance with EPA SW-846 Method 1010. The sample was analyzed on 03/08/2021.

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

HEXAVALENT CHROMIUM
Samples SB-35 (0-2)_HEX (240-144901-5) and SB-34 (0-2)_HEX (240-144901-10) were analyzed for hexavalent chromium in accordance

Job ID: 240-144901-1 (Continued)

Laboratory: Eurofins TestAmerica, Canton (Continued)

with EPA SW-846 Method 3060A/7196A. The samples were prepared and analyzed on 03/08/2021.

Sample SB-35 (0-2)_HEX (240-144901-5)[2X] required dilution prior to analysis due to the nature of the sample matrix. The reporting limits have been adjusted accordingly.

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

TOTAL CYANIDE
Sample WCA01-01 (240-144901-11) was analyzed for total cyanide in accordance with EPA SW-846 Method 9012A. The sample was prepared and analyzed on 03/04/2021.

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

SULFIDE
Sample WCA01-01 (240-144901-11) was analyzed for sulfide in accordance with EPA SW-846 Method 9034. The sample was prepared and analyzed on 03/02/2021.

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

PH
Sample WCA01-01 (240-144901-11) was analyzed for pH in accordance with EPA SW-846 Method 9045D. The sample was analyzed on 02/27/2021.

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

PERCENT SOLIDS
Samples SB-35 (0-2) (240-144901-1), SB-35 (2-4) (240-144901-2), SB-35 (4-6) (240-144901-3), SB-35 (0-2)_HEX (240-144901-5), SB-34 (0-2) (240-144901-6), SB-34 (2-4) (240-144901-7), SB-34 (4-6) (240-144901-8), SB-34 (0-2)_HEX (240-144901-10) and WCA01-01 (240-144901-11) were analyzed for percent solids in accordance with ASTM Method D2216-80. The samples were analyzed on 02/26/2021.

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

Method Summary

Client: TRC Environmental Corporation.
Project/Site: OVAP - ABB 2019 \ 2020

Job ID: 240-144901-1

Method	Method Description	Protocol	Laboratory
8260B	Volatile Organic Compounds (GC/MS)	SW846	TAL CAN
6010B	Metals (ICP)	SW846	TAL CAN
7470A	Mercury (CVAA)	SW846	TAL CAN
7471A	Mercury (CVAA)	SW846	TAL CAN
1010A	Ignitability, Pensky-Martens Closed-Cup Method	SW846	TAL CAN
7196A	Chromium, Hexavalent	SW846	TAL CAN
9012A	Cyanide, Total and/or Amenable	SW846	TAL CAN
9034	Sulfide, Acid soluble and Insoluble (Titrimetric)	SW846	TAL CAN
9045D	pH	SW846	TAL CAN
Moisture	Percent Moisture	EPA	TAL CAN
1311	TCLP Extraction	SW846	TAL CAN
3010A	Preparation, Total Metals	SW846	TAL CAN
3050B	Preparation, Metals	SW846	TAL CAN
3060A	Alkaline Digestion (Chromium, Hexavalent)	SW846	TAL CAN
5030B	Purge and Trap	SW846	TAL CAN
5035	Closed System Purge and Trap	SW846	TAL CAN
7470A	Preparation, Mercury	SW846	TAL CAN
7471A	Preparation, Mercury	SW846	TAL CAN
9012A	Cyanide, Total and/or Amenable, Distillation	SW846	TAL CAN
9030B	Sulfide, Distillation (Acid Soluble and Insoluble)	SW846	TAL CAN

Protocol References:

EPA = US Environmental Protection Agency

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

Laboratory References:

TAL CAN = Eurofins TestAmerica, Canton, 4101 Shuffel Street NW, North Canton, OH 44720, TEL (330)497-9396

Sample Summary

Client: TRC Environmental Corporation.
Project/Site: OVAP - ABB 2019 \ 2020

Job ID: 240-144901-1

Lab Sample ID	Client Sample ID	Matrix	Collected	Received	Asset ID
240-144901-1	SB-35 (0-2)	Solid	02/24/21 14:00	02/24/21 17:10	
240-144901-2	SB-35 (2-4)	Solid	02/24/21 13:50	02/24/21 17:10	
240-144901-3	SB-35 (4-6)	Solid	02/24/21 13:55	02/24/21 17:10	
240-144901-5	SB-35 (0-2)_HEX	Solid	02/24/21 13:45	02/24/21 17:10	
240-144901-6	SB-34 (0-2)	Solid	02/24/21 14:35	02/24/21 17:10	
240-144901-7	SB-34 (2-4)	Solid	02/24/21 14:40	02/24/21 17:10	
240-144901-8	SB-34 (4-6)	Solid	02/24/21 14:45	02/24/21 17:10	
240-144901-10	SB-34 (0-2)_HEX	Solid	02/24/21 14:30	02/24/21 17:10	
240-144901-11	WCA01-01	Solid	02/24/21 15:00	02/24/21 17:10	

Detection Summary

Client: TRC Environmental Corporation.
Project/Site: OVAP - ABB 2019 \ 2020

Job ID: 240-144901-1

Client Sample ID: SB-35 (0-2) — Lab Sample ID: 240-144901-1

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
1,1,1-Trichloroethane	2600		330	100	ug/Kg	1	☼	8260B	Total/NA
1,1,2-Trichloroethane	290	J	330	75	ug/Kg	1	☼	8260B	Total/NA
1,1-Dichloroethane	1600		330	63	ug/Kg	1	☼	8260B	Total/NA
1,1-Dichloroethene	1900		330	110	ug/Kg	1	☼	8260B	Total/NA
cis-1,2-Dichloroethene	290	J	330	52	ug/Kg	1	☼	8260B	Total/NA
2-Butanone (MEK)	220	J	1300	210	ug/Kg	1	☼	8260B	Total/NA
Toluene	8400		330	310	ug/Kg	1	☼	8260B	Total/NA
Trichloroethene	1500		330	190	ug/Kg	1	☼	8260B	Total/NA
Vinyl chloride	300	J	330	160	ug/Kg	1	☼	8260B	Total/NA
Xylenes, Total	120	J	650	120	ug/Kg	1	☼	8260B	Total/NA

Client Sample ID: SB-35 (2-4) — Lab Sample ID: 240-144901-2

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
1,1,1-Trichloroethane	650		400	130	ug/Kg	1.25	☼	8260B	Total/NA
1,1,2-Trichloroethane	430		400	92	ug/Kg	1.25	☼	8260B	Total/NA
1,1-Dichloroethane	2200		400	77	ug/Kg	1.25	☼	8260B	Total/NA
1,1-Dichloroethene	2400		400	130	ug/Kg	1.25	☼	8260B	Total/NA
Acetone	650	J	1600	390	ug/Kg	1.25	☼	8260B	Total/NA
Benzene	87	J	400	67	ug/Kg	1.25	☼	8260B	Total/NA
cis-1,2-Dichloroethene	290	J	400	64	ug/Kg	1.25	☼	8260B	Total/NA
Ethylbenzene	90	J	400	76	ug/Kg	1.25	☼	8260B	Total/NA
2-Butanone (MEK)	830	J	1600	250	ug/Kg	1.25	☼	8260B	Total/NA
Toluene	15000		400	390	ug/Kg	1.25	☼	8260B	Total/NA
Trichloroethene	1800		400	230	ug/Kg	1.25	☼	8260B	Total/NA
Xylenes, Total	370	J	800	150	ug/Kg	1.25	☼	8260B	Total/NA

Client Sample ID: SB-35 (4-6) — Lab Sample ID: 240-144901-3

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
1,1,1-Trichloroethane	850		360	110	ug/Kg	1	☼	8260B	Total/NA
1,1,2-Trichloroethane	450		360	82	ug/Kg	1	☼	8260B	Total/NA
1,1-Dichloroethane	2300		360	69	ug/Kg	1	☼	8260B	Total/NA
1,1-Dichloroethene	3300		360	120	ug/Kg	1	☼	8260B	Total/NA
1,2-Dichloroethane	97	J	360	67	ug/Kg	1	☼	8260B	Total/NA
Acetone	1500		1400	350	ug/Kg	1	☼	8260B	Total/NA
Benzene	89	J	360	60	ug/Kg	1	☼	8260B	Total/NA
cis-1,2-Dichloroethene	230	J	360	57	ug/Kg	1	☼	8260B	Total/NA
Ethylbenzene	320	J	360	67	ug/Kg	1	☼	8260B	Total/NA
2-Butanone (MEK)	1500		1400	220	ug/Kg	1	☼	8260B	Total/NA
4-Methyl-2-pentanone (MIBK)	570	J	1400	340	ug/Kg	1	☼	8260B	Total/NA
Toluene	12000		360	340	ug/Kg	1	☼	8260B	Total/NA
Trichloroethene	1200		360	200	ug/Kg	1	☼	8260B	Total/NA
Xylenes, Total	1600		720	130	ug/Kg	1	☼	8260B	Total/NA

Client Sample ID: SB-35 (0-2)_HEX — Lab Sample ID: 240-144901-5

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Barium	33		22	0.39	mg/Kg	1	☼	6010B	Total/NA
Chromium	12		0.54	0.16	mg/Kg	1	☼	6010B	Total/NA
Arsenic	14		1.1	0.34	mg/Kg	1	☼	6010B	Total/NA
Lead	8.9		1.1	0.31	mg/Kg	1	☼	6010B	Total/NA

This Detection Summary does not include radiochemical test results.

Detection Summary

Client: TRC Environmental Corporation.
Project/Site: OVAP - ABB 2019 \ 2020

Job ID: 240-144901-1

Client Sample ID: SB-34 (0-2) — Lab Sample ID: 240-144901-6

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
1,1,1-Trichloroethane	1500		280	86	ug/Kg	1	☼	8260B	Total/NA
1,1-Dichloroethane	340		280	53	ug/Kg	1	☼	8260B	Total/NA
1,1-Dichloroethene	120	J	280	90	ug/Kg	1	☼	8260B	Total/NA

Client Sample ID: SB-34 (2-4) — Lab Sample ID: 240-144901-7

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
1,1,1-Trichloroethane	850		360	110	ug/Kg	1	☼	8260B	Total/NA
1,1,2-Trichloroethane	210	J	360	82	ug/Kg	1	☼	8260B	Total/NA
1,1-Dichloroethane	5600		360	69	ug/Kg	1	☼	8260B	Total/NA
1,1-Dichloroethene	850		360	120	ug/Kg	1	☼	8260B	Total/NA
1,2-Dichloroethane	85	J	360	67	ug/Kg	1	☼	8260B	Total/NA
Benzene	79	J	360	60	ug/Kg	1	☼	8260B	Total/NA
cis-1,2-Dichloroethene	81	J	360	57	ug/Kg	1	☼	8260B	Total/NA
Ethylbenzene	89	J	360	67	ug/Kg	1	☼	8260B	Total/NA
Toluene	490		360	340	ug/Kg	1	☼	8260B	Total/NA
Xylenes, Total	510	J	720	130	ug/Kg	1	☼	8260B	Total/NA

Client Sample ID: SB-34 (4-6) — Lab Sample ID: 240-144901-8

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
1,1-Dichloroethane	3100		360	69	ug/Kg	1	☼	8260B	Total/NA
1,1-Dichloroethene	1600		360	120	ug/Kg	1	☼	8260B	Total/NA
Toluene	350	J	360	340	ug/Kg	1	☼	8260B	Total/NA

Client Sample ID: SB-34 (0-2)_HEX — Lab Sample ID: 240-144901-10

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Barium	41		20	0.37	mg/Kg	1	☼	6010B	Total/NA
Cadmium	0.63		0.20	0.049	mg/Kg	1	☼	6010B	Total/NA
Chromium	28		0.51	0.15	mg/Kg	1	☼	6010B	Total/NA
Silver	0.099	J	0.51	0.082	mg/Kg	1	☼	6010B	Total/NA
Arsenic	11		1.0	0.32	mg/Kg	1	☼	6010B	Total/NA
Lead	42		1.0	0.29	mg/Kg	1	☼	6010B	Total/NA
Mercury	0.40		0.12	0.022	mg/Kg	1	☼	7471A	Total/NA

Client Sample ID: WCA01-01 — Lab Sample ID: 240-144901-11

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Acetone	40		26	22	ug/Kg	1	☼	8260B	Total/NA
Benzene	9.3		5.1	0.72	ug/Kg	1	☼	8260B	Total/NA
2-Butanone (MEK)	14	J	21	3.7	ug/Kg	1	☼	8260B	Total/NA
1,1-Dichloroethane	190		5.1	0.71	ug/Kg	1	☼	8260B	Total/NA
1,2-Dichloroethane	4.1	J	5.1	0.79	ug/Kg	1	☼	8260B	Total/NA
1,1-Dichloroethene	2.6	J	5.1	0.93	ug/Kg	1	☼	8260B	Total/NA
1,4-Dioxane	110	J	260	23	ug/Kg	1	☼	8260B	Total/NA
Ethylbenzene	15		5.1	1.1	ug/Kg	1	☼	8260B	Total/NA
Toluene	8.2		5.1	0.79	ug/Kg	1	☼	8260B	Total/NA
trans-1,2-Dichloroethene	3.6	J	5.1	0.48	ug/Kg	1	☼	8260B	Total/NA
1,1,1-Trichloroethane	1.5	J	5.1	0.84	ug/Kg	1	☼	8260B	Total/NA
Trichloroethene	3.2	J	5.1	0.65	ug/Kg	1	☼	8260B	Total/NA
Vinyl chloride	1.3	J	5.1	0.86	ug/Kg	1	☼	8260B	Total/NA
Xylenes, Total	19		10	1.6	ug/Kg	1	☼	8260B	Total/NA

This Detection Summary does not include radiochemical test results.

Detection Summary

Client: TRC Environmental Corporation.
Project/Site: OVAP - ABB 2019 \ 2020

Job ID: 240-144901-1

Client Sample ID: WCA01-01 (Continued)

Lab Sample ID: 240-144901-11

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Arsenic	0.0084	J B	0.050	0.0041	mg/L	1		6010B	TCLP
Barium	0.095	J B	0.50	0.0013	mg/L	1		6010B	TCLP
Chromium	0.0015	J B	0.050	0.00063	mg/L	1		6010B	TCLP
Lead	0.0072	J	0.050	0.0028	mg/L	1		6010B	TCLP
Flashpoint	>200		1.00	1.00	Degrees F	1		1010A	Total/NA
pH	6.5	HF	0.1	0.1	SU	1		9045D	Total/NA
Corrosivity	6.5	HF	0.1	0.1	SU	1		9045D	Total/NA

This Detection Summary does not include radiochemical test results.

Client Sample Results

Client: TRC Environmental Corporation.
Project/Site: OVAP - ABB 2019 \ 2020

Job ID: 240-144901-1

Client Sample ID: SB-35 (0-2)

Date Collected: 02/24/21 14:00
Date Received: 02/24/21 17:10

Lab Sample ID: 240-144901-1

Matrix: Solid
Percent Solids: 75.0

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	**2600**		330	100	ug/Kg	☼	02/25/21 20:31	02/26/21 14:41	1
1,1,2,2-Tetrachloroethane	<200		330	200	ug/Kg	☼	02/25/21 20:31	02/26/21 14:41	1
1,1,2-Trichloroethane	**290**	**J**	330	75	ug/Kg	☼	02/25/21 20:31	02/26/21 14:41	1
1,1-Dichloroethane	**1600**		330	63	ug/Kg	☼	02/25/21 20:31	02/26/21 14:41	1
1,1-Dichloroethene	**1900**		330	110	ug/Kg	☼	02/25/21 20:31	02/26/21 14:41	1
1,2,4-Trichlorobenzene	<170		330	170	ug/Kg	☼	02/25/21 20:31	02/26/21 14:41	1
1,2-Dibromo-3-Chloropropane	<290		650	290	ug/Kg	☼	02/25/21 20:31	02/26/21 14:41	1
1,2-Dichlorobenzene	<160		330	160	ug/Kg	☼	02/25/21 20:31	02/26/21 14:41	1
1,2-Dichloroethane	<62		330	62	ug/Kg	☼	02/25/21 20:31	02/26/21 14:41	1
1,2-Dichloropropane	<48		330	48	ug/Kg	☼	02/25/21 20:31	02/26/21 14:41	1
1,3-Dichlorobenzene	<60		330	60	ug/Kg	☼	02/25/21 20:31	02/26/21 14:41	1
1,4-Dichlorobenzene	<72		330	72	ug/Kg	☼	02/25/21 20:31	02/26/21 14:41	1
1,4-Dioxane	<3000		16000	3000	ug/Kg	☼	02/25/21 20:31	02/26/21 14:41	1
2-Hexanone	<340		1300	340	ug/Kg	☼	02/25/21 20:31	02/26/21 14:41	1
Acetone	<320		1300	320	ug/Kg	☼	02/25/21 20:31	02/26/21 14:41	1
Benzene	<55		330	55	ug/Kg	☼	02/25/21 20:31	02/26/21 14:41	1
Bromoform	<300		330	300	ug/Kg	☼	02/25/21 20:31	02/26/21 14:41	1
Bromomethane	<220		330	220	ug/Kg	☼	02/25/21 20:31	02/26/21 14:41	1
Carbon disulfide	<140		330	140	ug/Kg	☼	02/25/21 20:31	02/26/21 14:41	1
Carbon tetrachloride	<130		330	130	ug/Kg	☼	02/25/21 20:31	02/26/21 14:41	1
Chlorobenzene	<46		330	46	ug/Kg	☼	02/25/21 20:31	02/26/21 14:41	1
Chloroethane	<200		330	200	ug/Kg	☼	02/25/21 20:31	02/26/21 14:41	1
Chloroform	<71		330	71	ug/Kg	☼	02/25/21 20:31	02/26/21 14:41	1
Chloromethane	<86		330	86	ug/Kg	☼	02/25/21 20:31	02/26/21 14:41	1
cis-1,2-Dichloroethene	**290**	**J**	330	52	ug/Kg	☼	02/25/21 20:31	02/26/21 14:41	1
cis-1,3-Dichloropropene	<160		330	160	ug/Kg	☼	02/25/21 20:31	02/26/21 14:41	1
Dichlorobromomethane	<37		330	37	ug/Kg	☼	02/25/21 20:31	02/26/21 14:41	1
Dichlorodifluoromethane	<69		330	69	ug/Kg	☼	02/25/21 20:31	02/26/21 14:41	1
Ethylbenzene	<62		330	62	ug/Kg	☼	02/25/21 20:31	02/26/21 14:41	1
Ethylene Dibromide	<100		330	100	ug/Kg	☼	02/25/21 20:31	02/26/21 14:41	1
Naphthalene	<150		330	150	ug/Kg	☼	02/25/21 20:31	02/26/21 14:41	1
Isopropylbenzene	<50		330	50	ug/Kg	☼	02/25/21 20:31	02/26/21 14:41	1
2-Butanone (MEK)	**220**	**J**	1300	210	ug/Kg	☼	02/25/21 20:31	02/26/21 14:41	1
4-Methyl-2-pentanone (MIBK)	<310		1300	310	ug/Kg	☼	02/25/21 20:31	02/26/21 14:41	1
Methyl tert-butyl ether	<48		330	48	ug/Kg	☼	02/25/21 20:31	02/26/21 14:41	1
Methylene Chloride	<500		650	500	ug/Kg	☼	02/25/21 20:31	02/26/21 14:41	1
Styrene	<68		330	68	ug/Kg	☼	02/25/21 20:31	02/26/21 14:41	1
Tetrachloroethene	<130		330	130	ug/Kg	☼	02/25/21 20:31	02/26/21 14:41	1
Toluene	**8400**		330	310	ug/Kg	☼	02/25/21 20:31	02/26/21 14:41	1
trans-1,2-Dichloroethene	<81		330	81	ug/Kg	☼	02/25/21 20:31	02/26/21 14:41	1
trans-1,3-Dichloropropene	<140		330	140	ug/Kg	☼	02/25/21 20:31	02/26/21 14:41	1
Trichloroethene	**1500**		330	190	ug/Kg	☼	02/25/21 20:31	02/26/21 14:41	1
Trichlorofluoromethane	<180		330	180	ug/Kg	☼	02/25/21 20:31	02/26/21 14:41	1
Vinyl chloride	**300**	**J**	330	160	ug/Kg	☼	02/25/21 20:31	02/26/21 14:41	1
Xylenes, Total	**120**	**J**	650	120	ug/Kg	☼	02/25/21 20:31	02/26/21 14:41	1
Chlorodibromomethane	<150		330	150	ug/Kg	☼	02/25/21 20:31	02/26/21 14:41	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*99*		*47 - 136*	*02/25/21 20:31*	*02/26/21 14:41*	*1*
4-Bromofluorobenzene (Surr)	*93*		*51 - 124*	*02/25/21 20:31*	*02/26/21 14:41*	*1*

Client Sample Results

Client: TRC Environmental Corporation.
Project/Site: OVAP - ABB 2019 \ 2020

Job ID: 240-144901-1

Client Sample ID: SB-35 (0-2)

Date Collected: 02/24/21 14:00
Date Received: 02/24/21 17:10

Lab Sample ID: 240-144901-1

Matrix: Solid
Percent Solids: 75.0

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Toluene-d8 (Surr)	*94*		*55 - 123*	*02/25/21 20:31*	*02/26/21 14:41*	*1*
Dibromofluoromethane (Surr)	*97*		*49 - 122*	*02/25/21 20:31*	*02/26/21 14:41*	*1*

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Solids	**75.0**		0.1	0.1	%			02/26/21 13:53	1
Percent Moisture	**25.0**		0.1	0.1	%			02/26/21 13:53	1

Client Sample Results

Client: TRC Environmental Corporation.
Project/Site: OVAP - ABB 2019 \ 2020

Job ID: 240-144901-1

Client Sample ID: SB-35 (2-4)

Date Collected: 02/24/21 13:50
Date Received: 02/24/21 17:10

Lab Sample ID: 240-144901-2

Matrix: Solid
Percent Solids: 77.5

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	**650**		400	130	ug/Kg	☼	02/25/21 20:31	02/26/21 15:05	1.25
1,1,2,2-Tetrachloroethane	<240		400	240	ug/Kg	☼	02/25/21 20:31	02/26/21 15:05	1.25
1,1,2-Trichloroethane	**430**		400	92	ug/Kg	☼	02/25/21 20:31	02/26/21 15:05	1.25
1,1-Dichloroethane	**2200**		400	77	ug/Kg	☼	02/25/21 20:31	02/26/21 15:05	1.25
1,1-Dichloroethene	**2400**		400	130	ug/Kg	☼	02/25/21 20:31	02/26/21 15:05	1.25
1,2,4-Trichlorobenzene	<210		400	210	ug/Kg	☼	02/25/21 20:31	02/26/21 15:05	1.25
1,2-Dibromo-3-Chloropropane	<360		800	360	ug/Kg	☼	02/25/21 20:31	02/26/21 15:05	1.25
1,2-Dichlorobenzene	<190		400	190	ug/Kg	☼	02/25/21 20:31	02/26/21 15:05	1.25
1,2-Dichloroethane	<76		400	76	ug/Kg	☼	02/25/21 20:31	02/26/21 15:05	1.25
1,2-Dichloropropane	<59		400	59	ug/Kg	☼	02/25/21 20:31	02/26/21 15:05	1.25
1,3-Dichlorobenzene	<74		400	74	ug/Kg	☼	02/25/21 20:31	02/26/21 15:05	1.25
1,4-Dichlorobenzene	<88		400	88	ug/Kg	☼	02/25/21 20:31	02/26/21 15:05	1.25
1,4-Dioxane	<3700		20000	3700	ug/Kg	☼	02/25/21 20:31	02/26/21 15:05	1.25
2-Hexanone	<420		1600	420	ug/Kg	☼	02/25/21 20:31	02/26/21 15:05	1.25
Acetone	**650**	**J**	1600	390	ug/Kg	☼	02/25/21 20:31	02/26/21 15:05	1.25
Benzene	**87**	**J**	400	67	ug/Kg	☼	02/25/21 20:31	02/26/21 15:05	1.25
Bromoform	<370		400	370	ug/Kg	☼	02/25/21 20:31	02/26/21 15:05	1.25
Bromomethane	<270		400	270	ug/Kg	☼	02/25/21 20:31	02/26/21 15:05	1.25
Carbon disulfide	<170		400	170	ug/Kg	☼	02/25/21 20:31	02/26/21 15:05	1.25
Carbon tetrachloride	<160		400	160	ug/Kg	☼	02/25/21 20:31	02/26/21 15:05	1.25
Chlorobenzene	<56		400	56	ug/Kg	☼	02/25/21 20:31	02/26/21 15:05	1.25
Chloroethane	<240		400	240	ug/Kg	☼	02/25/21 20:31	02/26/21 15:05	1.25
Chloroform	<87		400	87	ug/Kg	☼	02/25/21 20:31	02/26/21 15:05	1.25
Chloromethane	<110		400	110	ug/Kg	☼	02/25/21 20:31	02/26/21 15:05	1.25
cis-1,2-Dichloroethene	**290**	**J**	400	64	ug/Kg	☼	02/25/21 20:31	02/26/21 15:05	1.25
cis-1,3-Dichloropropene	<200		400	200	ug/Kg	☼	02/25/21 20:31	02/26/21 15:05	1.25
Dichlorobromomethane	<45		400	45	ug/Kg	☼	02/25/21 20:31	02/26/21 15:05	1.25
Dichlorodifluoromethane	<85		400	85	ug/Kg	☼	02/25/21 20:31	02/26/21 15:05	1.25
Ethylbenzene	**90**	**J**	400	76	ug/Kg	☼	02/25/21 20:31	02/26/21 15:05	1.25
Ethylene Dibromide	<130		400	130	ug/Kg	☼	02/25/21 20:31	02/26/21 15:05	1.25
Naphthalene	<190		400	190	ug/Kg	☼	02/25/21 20:31	02/26/21 15:05	1.25
Isopropylbenzene	<61		400	61	ug/Kg	☼	02/25/21 20:31	02/26/21 15:05	1.25
2-Butanone (MEK)	**830**	**J**	1600	250	ug/Kg	☼	02/25/21 20:31	02/26/21 15:05	1.25
4-Methyl-2-pentanone (MIBK)	<380		1600	380	ug/Kg	☼	02/25/21 20:31	02/26/21 15:05	1.25
Methyl tert-butyl ether	<59		400	59	ug/Kg	☼	02/25/21 20:31	02/26/21 15:05	1.25
Methylene Chloride	<620		800	620	ug/Kg	☼	02/25/21 20:31	02/26/21 15:05	1.25
Styrene	<84		400	84	ug/Kg	☼	02/25/21 20:31	02/26/21 15:05	1.25
Tetrachloroethene	<160		400	160	ug/Kg	☼	02/25/21 20:31	02/26/21 15:05	1.25
Toluene	**15000**		400	390	ug/Kg	☼	02/25/21 20:31	02/26/21 15:05	1.25
trans-1,2-Dichloroethene	<100		400	100	ug/Kg	☼	02/25/21 20:31	02/26/21 15:05	1.25
trans-1,3-Dichloropropene	<170		400	170	ug/Kg	☼	02/25/21 20:31	02/26/21 15:05	1.25
Trichloroethene	**1800**		400	230	ug/Kg	☼	02/25/21 20:31	02/26/21 15:05	1.25
Trichlorofluoromethane	<220		400	220	ug/Kg	☼	02/25/21 20:31	02/26/21 15:05	1.25
Vinyl chloride	<200		400	200	ug/Kg	☼	02/25/21 20:31	02/26/21 15:05	1.25
Xylenes, Total	**370**	**J**	800	150	ug/Kg	☼	02/25/21 20:31	02/26/21 15:05	1.25
Chlorodibromomethane	<190		400	190	ug/Kg	☼	02/25/21 20:31	02/26/21 15:05	1.25

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*95*		*47 - 136*	*02/25/21 20:31*	*02/26/21 15:05*	*1.25*
4-Bromofluorobenzene (Surr)	*90*		*51 - 124*	*02/25/21 20:31*	*02/26/21 15:05*	*1.25*

Client Sample Results

Client: TRC Environmental Corporation.
Project/Site: OVAP - ABB 2019 \ 2020

Job ID: 240-144901-1

Client Sample ID: SB-35 (2-4)

Date Collected: 02/24/21 13:50
Date Received: 02/24/21 17:10

Lab Sample ID: 240-144901-2

Matrix: Solid
Percent Solids: 77.5

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Toluene-d8 (Surr)	*91*		*55 - 123*	*02/25/21 20:31*	*02/26/21 15:05*	*1.25*
Dibromofluoromethane (Surr)	*93*		*49 - 122*	*02/25/21 20:31*	*02/26/21 15:05*	*1.25*

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Solids	**77.5**		0.1	0.1	%			02/26/21 13:53	1
Percent Moisture	**22.5**		0.1	0.1	%			02/26/21 13:53	1

Client Sample Results

Client: TRC Environmental Corporation.
Project/Site: OVAP - ABB 2019 \ 2020

Job ID: 240-144901-1

Client Sample ID: SB-35 (4-6)

Date Collected: 02/24/21 13:55
Date Received: 02/24/21 17:10

Lab Sample ID: 240-144901-3

Matrix: Solid
Percent Solids: 72.7

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	**850**		360	110	ug/Kg	☼	02/25/21 20:31	02/26/21 15:29	1
1,1,2,2-Tetrachloroethane	<210		360	210	ug/Kg	☼	02/25/21 20:31	02/26/21 15:29	1
1,1,2-Trichloroethane	**450**		360	82	ug/Kg	☼	02/25/21 20:31	02/26/21 15:29	1
1,1-Dichloroethane	**2300**		360	69	ug/Kg	☼	02/25/21 20:31	02/26/21 15:29	1
1,1-Dichloroethene	**3300**		360	120	ug/Kg	☼	02/25/21 20:31	02/26/21 15:29	1
1,2,4-Trichlorobenzene	<190		360	190	ug/Kg	☼	02/25/21 20:31	02/26/21 15:29	1
1,2-Dibromo-3-Chloropropane	<320		720	320	ug/Kg	☼	02/25/21 20:31	02/26/21 15:29	1
1,2-Dichlorobenzene	<170		360	170	ug/Kg	☼	02/25/21 20:31	02/26/21 15:29	1
1,2-Dichloroethane	**97**	**J**	360	67	ug/Kg	☼	02/25/21 20:31	02/26/21 15:29	1
1,2-Dichloropropane	<53		360	53	ug/Kg	☼	02/25/21 20:31	02/26/21 15:29	1
1,3-Dichlorobenzene	<66		360	66	ug/Kg	☼	02/25/21 20:31	02/26/21 15:29	1
1,4-Dichlorobenzene	<79		360	79	ug/Kg	☼	02/25/21 20:31	02/26/21 15:29	1
1,4-Dioxane	<3300		18000	3300	ug/Kg	☼	02/25/21 20:31	02/26/21 15:29	1
2-Hexanone	<380		1400	380	ug/Kg	☼	02/25/21 20:31	02/26/21 15:29	1
Acetone	**1500**		1400	350	ug/Kg	☼	02/25/21 20:31	02/26/21 15:29	1
Benzene	**89**	**J**	360	60	ug/Kg	☼	02/25/21 20:31	02/26/21 15:29	1
Bromoform	<330		360	330	ug/Kg	☼	02/25/21 20:31	02/26/21 15:29	1
Bromomethane	<240		360	240	ug/Kg	☼	02/25/21 20:31	02/26/21 15:29	1
Carbon disulfide	<150		360	150	ug/Kg	☼	02/25/21 20:31	02/26/21 15:29	1
Carbon tetrachloride	<150		360	150	ug/Kg	☼	02/25/21 20:31	02/26/21 15:29	1
Chlorobenzene	<50		360	50	ug/Kg	☼	02/25/21 20:31	02/26/21 15:29	1
Chloroethane	<210		360	210	ug/Kg	☼	02/25/21 20:31	02/26/21 15:29	1
Chloroform	<77		360	77	ug/Kg	☼	02/25/21 20:31	02/26/21 15:29	1
Chloromethane	<94		360	94	ug/Kg	☼	02/25/21 20:31	02/26/21 15:29	1
cis-1,2-Dichloroethene	**230**	**J**	360	57	ug/Kg	☼	02/25/21 20:31	02/26/21 15:29	1
cis-1,3-Dichloropropene	<180		360	180	ug/Kg	☼	02/25/21 20:31	02/26/21 15:29	1
Dichlorobromomethane	<40		360	40	ug/Kg	☼	02/25/21 20:31	02/26/21 15:29	1
Dichlorodifluoromethane	<76		360	76	ug/Kg	☼	02/25/21 20:31	02/26/21 15:29	1
Ethylbenzene	**320**	**J**	360	67	ug/Kg	☼	02/25/21 20:31	02/26/21 15:29	1
Ethylene Dibromide	<110		360	110	ug/Kg	☼	02/25/21 20:31	02/26/21 15:29	1
Naphthalene	<170		360	170	ug/Kg	☼	02/25/21 20:31	02/26/21 15:29	1
Isopropylbenzene	<54		360	54	ug/Kg	☼	02/25/21 20:31	02/26/21 15:29	1
2-Butanone (MEK)	**1500**		1400	220	ug/Kg	☼	02/25/21 20:31	02/26/21 15:29	1
4-Methyl-2-pentanone (MIBK)	**570**	**J**	1400	340	ug/Kg	☼	02/25/21 20:31	02/26/21 15:29	1
Methyl tert-butyl ether	<53		360	53	ug/Kg	☼	02/25/21 20:31	02/26/21 15:29	1
Methylene Chloride	<550		720	550	ug/Kg	☼	02/25/21 20:31	02/26/21 15:29	1
Styrene	<74		360	74	ug/Kg	☼	02/25/21 20:31	02/26/21 15:29	1
Tetrachloroethene	<140		360	140	ug/Kg	☼	02/25/21 20:31	02/26/21 15:29	1
Toluene	**12000**		360	340	ug/Kg	☼	02/25/21 20:31	02/26/21 15:29	1
trans-1,2-Dichloroethene	<89		360	89	ug/Kg	☼	02/25/21 20:31	02/26/21 15:29	1
trans-1,3-Dichloropropene	<150		360	150	ug/Kg	☼	02/25/21 20:31	02/26/21 15:29	1
Trichloroethene	**1200**		360	200	ug/Kg	☼	02/25/21 20:31	02/26/21 15:29	1
Trichlorofluoromethane	<200		360	200	ug/Kg	☼	02/25/21 20:31	02/26/21 15:29	1
Vinyl chloride	<180		360	180	ug/Kg	☼	02/25/21 20:31	02/26/21 15:29	1
Xylenes, Total	**1600**		720	130	ug/Kg	☼	02/25/21 20:31	02/26/21 15:29	1
Chlorodibromomethane	<170		360	170	ug/Kg	☼	02/25/21 20:31	02/26/21 15:29	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*98*		*47 - 136*	*02/25/21 20:31*	*02/26/21 15:29*	*1*
4-Bromofluorobenzene (Surr)	*88*		*51 - 124*	*02/25/21 20:31*	*02/26/21 15:29*	*1*

Client Sample Results

Client: TRC Environmental Corporation.
Project/Site: OVAP - ABB 2019 \ 2020

Job ID: 240-144901-1

Client Sample ID: SB-35 (4-6)

Date Collected: 02/24/21 13:55
Date Received: 02/24/21 17:10

Lab Sample ID: 240-144901-3

Matrix: Solid
Percent Solids: 72.7

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Toluene-d8 (Surr)	*92*		*55 - 123*	*02/25/21 20:31*	*02/26/21 15:29*	*1*
Dibromofluoromethane (Surr)	*96*		*49 - 122*	*02/25/21 20:31*	*02/26/21 15:29*	*1*

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Solids	**72.7**		0.1	0.1	%			02/26/21 13:53	1
Percent Moisture	**27.3**		0.1	0.1	%			02/26/21 13:53	1

Client Sample Results

Client: TRC Environmental Corporation.
Project/Site: OVAP - ABB 2019 \ 2020

Job ID: 240-144901-1

Client Sample ID: SB-35 (0-2)_HEX

Date Collected: 02/24/21 13:45
Date Received: 02/24/21 17:10

Lab Sample ID: 240-144901-5

Matrix: Solid
Percent Solids: 83.7

Method: 6010B - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Barium	**33**		22	0.39	mg/Kg	☼	02/26/21 13:00	03/01/21 20:07	1
Cadmium	<0.052		0.22	0.052	mg/Kg	☼	02/26/21 13:00	03/01/21 20:07	1
Chromium	**12**		0.54	0.16	mg/Kg	☼	02/26/21 13:00	03/01/21 20:07	1
Silver	<0.088		0.54	0.088	mg/Kg	☼	02/26/21 13:00	03/01/21 20:07	1
Arsenic	**14**		1.1	0.34	mg/Kg	☼	02/26/21 13:00	03/01/21 20:07	1
Lead	**8.9**		1.1	0.31	mg/Kg	☼	02/26/21 13:00	03/01/21 20:07	1
Selenium	<0.51		1.6	0.51	mg/Kg	☼	02/26/21 13:00	03/01/21 20:07	1

Method: 7471A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.024		0.13	0.024	mg/Kg	☼	02/26/21 13:00	03/02/21 12:07	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cr (VI)	<1.2		1.9	1.2	mg/Kg	☼	03/08/21 10:45	03/08/21 14:35	2
Percent Solids	**83.7**		0.1	0.1	%			02/26/21 13:53	1
Percent Moisture	**16.3**		0.1	0.1	%			02/26/21 13:53	1

Client Sample Results

Client: TRC Environmental Corporation.
Project/Site: OVAP - ABB 2019 \ 2020

Job ID: 240-144901-1

Client Sample ID: SB-34 (0-2)

Date Collected: 02/24/21 14:35
Date Received: 02/24/21 17:10

Lab Sample ID: 240-144901-6

Matrix: Solid
Percent Solids: 80.1

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	**1500**		280	86	ug/Kg	☼	02/25/21 20:31	02/26/21 15:54	1
1,1,2,2-Tetrachloroethane	<170		280	170	ug/Kg	☼	02/25/21 20:31	02/26/21 15:54	1
1,1,2-Trichloroethane	<63		280	63	ug/Kg	☼	02/25/21 20:31	02/26/21 15:54	1
1,1-Dichloroethane	**340**		280	53	ug/Kg	☼	02/25/21 20:31	02/26/21 15:54	1
1,1-Dichloroethene	**120**	**J**	280	90	ug/Kg	☼	02/25/21 20:31	02/26/21 15:54	1
1,2,4-Trichlorobenzene	<150		280	150	ug/Kg	☼	02/25/21 20:31	02/26/21 15:54	1
1,2-Dibromo-3-Chloropropane	<240		550	240	ug/Kg	☼	02/25/21 20:31	02/26/21 15:54	1
1,2-Dichlorobenzene	<130		280	130	ug/Kg	☼	02/25/21 20:31	02/26/21 15:54	1
1,2-Dichloroethane	<52		280	52	ug/Kg	☼	02/25/21 20:31	02/26/21 15:54	1
1,2-Dichloropropane	<41		280	41	ug/Kg	☼	02/25/21 20:31	02/26/21 15:54	1
1,3-Dichlorobenzene	<51		280	51	ug/Kg	☼	02/25/21 20:31	02/26/21 15:54	1
1,4-Dichlorobenzene	<61		280	61	ug/Kg	☼	02/25/21 20:31	02/26/21 15:54	1
1,4-Dioxane	<2600		14000	2600	ug/Kg	☼	02/25/21 20:31	02/26/21 15:54	1
2-Hexanone	<290		1100	290	ug/Kg	☼	02/25/21 20:31	02/26/21 15:54	1
Acetone	<270		1100	270	ug/Kg	☼	02/25/21 20:31	02/26/21 15:54	1
Benzene	<46		280	46	ug/Kg	☼	02/25/21 20:31	02/26/21 15:54	1
Bromoform	<250		280	250	ug/Kg	☼	02/25/21 20:31	02/26/21 15:54	1
Bromomethane	<180		280	180	ug/Kg	☼	02/25/21 20:31	02/26/21 15:54	1
Carbon disulfide	<120		280	120	ug/Kg	☼	02/25/21 20:31	02/26/21 15:54	1
Carbon tetrachloride	<110		280	110	ug/Kg	☼	02/25/21 20:31	02/26/21 15:54	1
Chlorobenzene	<39		280	39	ug/Kg	☼	02/25/21 20:31	02/26/21 15:54	1
Chloroethane	<170		280	170	ug/Kg	☼	02/25/21 20:31	02/26/21 15:54	1
Chloroform	<59		280	59	ug/Kg	☼	02/25/21 20:31	02/26/21 15:54	1
Chloromethane	<73		280	73	ug/Kg	☼	02/25/21 20:31	02/26/21 15:54	1
cis-1,2-Dichloroethene	<44		280	44	ug/Kg	☼	02/25/21 20:31	02/26/21 15:54	1
cis-1,3-Dichloropropene	<140		280	140	ug/Kg	☼	02/25/21 20:31	02/26/21 15:54	1
Dichlorobromomethane	<31		280	31	ug/Kg	☼	02/25/21 20:31	02/26/21 15:54	1
Dichlorodifluoromethane	<58		280	58	ug/Kg	☼	02/25/21 20:31	02/26/21 15:54	1
Ethylbenzene	<52		280	52	ug/Kg	☼	02/25/21 20:31	02/26/21 15:54	1
Ethylene Dibromide	<87		280	87	ug/Kg	☼	02/25/21 20:31	02/26/21 15:54	1
Naphthalene	<130		280	130	ug/Kg	☼	02/25/21 20:31	02/26/21 15:54	1
Isopropylbenzene	<42		280	42	ug/Kg	☼	02/25/21 20:31	02/26/21 15:54	1
2-Butanone (MEK)	<170		1100	170	ug/Kg	☼	02/25/21 20:31	02/26/21 15:54	1
4-Methyl-2-pentanone (MIBK)	<260		1100	260	ug/Kg	☼	02/25/21 20:31	02/26/21 15:54	1
Methyl tert-butyl ether	<41		280	41	ug/Kg	☼	02/25/21 20:31	02/26/21 15:54	1
Methylene Chloride	<420		550	420	ug/Kg	☼	02/25/21 20:31	02/26/21 15:54	1
Styrene	<57		280	57	ug/Kg	☼	02/25/21 20:31	02/26/21 15:54	1
Tetrachloroethene	<110		280	110	ug/Kg	☼	02/25/21 20:31	02/26/21 15:54	1
Toluene	<260		280	260	ug/Kg	☼	02/25/21 20:31	02/26/21 15:54	1
trans-1,2-Dichloroethene	<68		280	68	ug/Kg	☼	02/25/21 20:31	02/26/21 15:54	1
trans-1,3-Dichloropropene	<120		280	120	ug/Kg	☼	02/25/21 20:31	02/26/21 15:54	1
Trichloroethene	<160		280	160	ug/Kg	☼	02/25/21 20:31	02/26/21 15:54	1
Trichlorofluoromethane	<150		280	150	ug/Kg	☼	02/25/21 20:31	02/26/21 15:54	1
Vinyl chloride	<140		280	140	ug/Kg	☼	02/25/21 20:31	02/26/21 15:54	1
Xylenes, Total	<100		550	100	ug/Kg	☼	02/25/21 20:31	02/26/21 15:54	1
Chlorodibromomethane	<130		280	130	ug/Kg	☼	02/25/21 20:31	02/26/21 15:54	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*104*		*47 - 136*	*02/25/21 20:31*	*02/26/21 15:54*	*1*
4-Bromofluorobenzene (Surr)	*96*		*51 - 124*	*02/25/21 20:31*	*02/26/21 15:54*	*1*

Client Sample Results

Client: TRC Environmental Corporation.
Project/Site: OVAP - ABB 2019 \ 2020

Job ID: 240-144901-1

Client Sample ID: SB-34 (0-2)

Date Collected: 02/24/21 14:35
Date Received: 02/24/21 17:10

Lab Sample ID: 240-144901-6

Matrix: Solid
Percent Solids: 80.1

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Toluene-d8 (Surr)	*99*		*55 - 123*	*02/25/21 20:31*	*02/26/21 15:54*	*1*
Dibromofluoromethane (Surr)	*102*		*49 - 122*	*02/25/21 20:31*	*02/26/21 15:54*	*1*

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Solids	**80.1**		0.1	0.1	%			02/26/21 13:53	1
Percent Moisture	**19.9**		0.1	0.1	%			02/26/21 13:53	1

Client Sample Results

Client: TRC Environmental Corporation.
Project/Site: OVAP - ABB 2019 \ 2020

Job ID: 240-144901-1

Client Sample ID: SB-34 (2-4)

Date Collected: 02/24/21 14:40
Date Received: 02/24/21 17:10

Lab Sample ID: 240-144901-7

Matrix: Solid
Percent Solids: 74.9

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	**850**		360	110	ug/Kg	☼	02/25/21 20:31	02/26/21 16:17	1
1,1,2,2-Tetrachloroethane	<220		360	220	ug/Kg	☼	02/25/21 20:31	02/26/21 16:17	1
1,1,2-Trichloroethane	**210**	**J**	360	82	ug/Kg	☼	02/25/21 20:31	02/26/21 16:17	1
1,1-Dichloroethane	**5600**		360	69	ug/Kg	☼	02/25/21 20:31	02/26/21 16:17	1
1,1-Dichloroethene	**850**		360	120	ug/Kg	☼	02/25/21 20:31	02/26/21 16:17	1
1,2,4-Trichlorobenzene	<190		360	190	ug/Kg	☼	02/25/21 20:31	02/26/21 16:17	1
1,2-Dibromo-3-Chloropropane	<320		720	320	ug/Kg	☼	02/25/21 20:31	02/26/21 16:17	1
1,2-Dichlorobenzene	<170		360	170	ug/Kg	☼	02/25/21 20:31	02/26/21 16:17	1
1,2-Dichloroethane	**85**	**J**	360	67	ug/Kg	☼	02/25/21 20:31	02/26/21 16:17	1
1,2-Dichloropropane	<53		360	53	ug/Kg	☼	02/25/21 20:31	02/26/21 16:17	1
1,3-Dichlorobenzene	<66		360	66	ug/Kg	☼	02/25/21 20:31	02/26/21 16:17	1
1,4-Dichlorobenzene	<79		360	79	ug/Kg	☼	02/25/21 20:31	02/26/21 16:17	1
1,4-Dioxane	<3300		18000	3300	ug/Kg	☼	02/25/21 20:31	02/26/21 16:17	1
2-Hexanone	<380		1400	380	ug/Kg	☼	02/25/21 20:31	02/26/21 16:17	1
Acetone	<350		1400	350	ug/Kg	☼	02/25/21 20:31	02/26/21 16:17	1
Benzene	**79**	**J**	360	60	ug/Kg	☼	02/25/21 20:31	02/26/21 16:17	1
Bromoform	<330		360	330	ug/Kg	☼	02/25/21 20:31	02/26/21 16:17	1
Bromomethane	<240		360	240	ug/Kg	☼	02/25/21 20:31	02/26/21 16:17	1
Carbon disulfide	<150		360	150	ug/Kg	☼	02/25/21 20:31	02/26/21 16:17	1
Carbon tetrachloride	<150		360	150	ug/Kg	☼	02/25/21 20:31	02/26/21 16:17	1
Chlorobenzene	<50		360	50	ug/Kg	☼	02/25/21 20:31	02/26/21 16:17	1
Chloroethane	<220		360	220	ug/Kg	☼	02/25/21 20:31	02/26/21 16:17	1
Chloroform	<77		360	77	ug/Kg	☼	02/25/21 20:31	02/26/21 16:17	1
Chloromethane	<95		360	95	ug/Kg	☼	02/25/21 20:31	02/26/21 16:17	1
cis-1,2-Dichloroethene	**81**	**J**	360	57	ug/Kg	☼	02/25/21 20:31	02/26/21 16:17	1
cis-1,3-Dichloropropene	<180		360	180	ug/Kg	☼	02/25/21 20:31	02/26/21 16:17	1
Dichlorobromomethane	<40		360	40	ug/Kg	☼	02/25/21 20:31	02/26/21 16:17	1
Dichlorodifluoromethane	<76		360	76	ug/Kg	☼	02/25/21 20:31	02/26/21 16:17	1
Ethylbenzene	**89**	**J**	360	67	ug/Kg	☼	02/25/21 20:31	02/26/21 16:17	1
Ethylene Dibromide	<110		360	110	ug/Kg	☼	02/25/21 20:31	02/26/21 16:17	1
Naphthalene	<170		360	170	ug/Kg	☼	02/25/21 20:31	02/26/21 16:17	1
Isopropylbenzene	<55		360	55	ug/Kg	☼	02/25/21 20:31	02/26/21 16:17	1
2-Butanone (MEK)	<230		1400	230	ug/Kg	☼	02/25/21 20:31	02/26/21 16:17	1
4-Methyl-2-pentanone (MIBK)	<340		1400	340	ug/Kg	☼	02/25/21 20:31	02/26/21 16:17	1
Methyl tert-butyl ether	<53		360	53	ug/Kg	☼	02/25/21 20:31	02/26/21 16:17	1
Methylene Chloride	<550		720	550	ug/Kg	☼	02/25/21 20:31	02/26/21 16:17	1
Styrene	<75		360	75	ug/Kg	☼	02/25/21 20:31	02/26/21 16:17	1
Tetrachloroethene	<140		360	140	ug/Kg	☼	02/25/21 20:31	02/26/21 16:17	1
Toluene	**490**		360	340	ug/Kg	☼	02/25/21 20:31	02/26/21 16:17	1
trans-1,2-Dichloroethene	<89		360	89	ug/Kg	☼	02/25/21 20:31	02/26/21 16:17	1
trans-1,3-Dichloropropene	<150		360	150	ug/Kg	☼	02/25/21 20:31	02/26/21 16:17	1
Trichloroethene	<210		360	210	ug/Kg	☼	02/25/21 20:31	02/26/21 16:17	1
Trichlorofluoromethane	<200		360	200	ug/Kg	☼	02/25/21 20:31	02/26/21 16:17	1
Vinyl chloride	<180		360	180	ug/Kg	☼	02/25/21 20:31	02/26/21 16:17	1
Xylenes, Total	**510**	**J**	720	130	ug/Kg	☼	02/25/21 20:31	02/26/21 16:17	1
Chlorodibromomethane	<170		360	170	ug/Kg	☼	02/25/21 20:31	02/26/21 16:17	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*91*		*47 - 136*	*02/25/21 20:31*	*02/26/21 16:17*	*1*
4-Bromofluorobenzene (Surr)	*83*		*51 - 124*	*02/25/21 20:31*	*02/26/21 16:17*	*1*

Client: TRC Environmental Corporation.
Project/Site: OVAP - ABB 2019 \ 2020

Job ID: 240-144901-1

Client Sample ID: SB-34 (2-4)

Date Collected: 02/24/21 14:40
Date Received: 02/24/21 17:10

Lab Sample ID: 240-144901-7

Matrix: Solid
Percent Solids: 74.9

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Toluene-d8 (Surr)	*87*		*55 - 123*	*02/25/21 20:31*	*02/26/21 16:17*	*1*
Dibromofluoromethane (Surr)	*88*		*49 - 122*	*02/25/21 20:31*	*02/26/21 16:17*	*1*

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Solids	**74.9**		0.1	0.1	%			02/26/21 13:53	1
Percent Moisture	**25.1**		0.1	0.1	%			02/26/21 13:53	1

Client Sample Results

Client: TRC Environmental Corporation.
Project/Site: OVAP - ABB 2019 \ 2020

Job ID: 240-144901-1

Client Sample ID: SB-34 (4-6)

Date Collected: 02/24/21 14:45
Date Received: 02/24/21 17:10

Lab Sample ID: 240-144901-8

Matrix: Solid
Percent Solids: 72.6

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	<110		360	110	ug/Kg	☼	02/25/21 20:31	02/26/21 16:41	1
1,1,2,2-Tetrachloroethane	<220		360	220	ug/Kg	☼	02/25/21 20:31	02/26/21 16:41	1
1,1,2-Trichloroethane	<82		360	82	ug/Kg	☼	02/25/21 20:31	02/26/21 16:41	1
1,1-Dichloroethane	**3100**		360	69	ug/Kg	☼	02/25/21 20:31	02/26/21 16:41	1
1,1-Dichloroethene	**1600**		360	120	ug/Kg	☼	02/25/21 20:31	02/26/21 16:41	1
1,2,4-Trichlorobenzene	<190		360	190	ug/Kg	☼	02/25/21 20:31	02/26/21 16:41	1
1,2-Dibromo-3-Chloropropane	<320		720	320	ug/Kg	☼	02/25/21 20:31	02/26/21 16:41	1
1,2-Dichlorobenzene	<170		360	170	ug/Kg	☼	02/25/21 20:31	02/26/21 16:41	1
1,2-Dichloroethane	<67		360	67	ug/Kg	☼	02/25/21 20:31	02/26/21 16:41	1
1,2-Dichloropropane	<53		360	53	ug/Kg	☼	02/25/21 20:31	02/26/21 16:41	1
1,3-Dichlorobenzene	<66		360	66	ug/Kg	☼	02/25/21 20:31	02/26/21 16:41	1
1,4-Dichlorobenzene	<79		360	79	ug/Kg	☼	02/25/21 20:31	02/26/21 16:41	1
1,4-Dioxane	<3300		18000	3300	ug/Kg	☼	02/25/21 20:31	02/26/21 16:41	1
2-Hexanone	<380		1400	380	ug/Kg	☼	02/25/21 20:31	02/26/21 16:41	1
Acetone	<350		1400	350	ug/Kg	☼	02/25/21 20:31	02/26/21 16:41	1
Benzene	<60		360	60	ug/Kg	☼	02/25/21 20:31	02/26/21 16:41	1
Bromoform	<330		360	330	ug/Kg	☼	02/25/21 20:31	02/26/21 16:41	1
Bromomethane	<240		360	240	ug/Kg	☼	02/25/21 20:31	02/26/21 16:41	1
Carbon disulfide	<160		360	160	ug/Kg	☼	02/25/21 20:31	02/26/21 16:41	1
Carbon tetrachloride	<150		360	150	ug/Kg	☼	02/25/21 20:31	02/26/21 16:41	1
Chlorobenzene	<50		360	50	ug/Kg	☼	02/25/21 20:31	02/26/21 16:41	1
Chloroethane	<220		360	220	ug/Kg	☼	02/25/21 20:31	02/26/21 16:41	1
Chloroform	<78		360	78	ug/Kg	☼	02/25/21 20:31	02/26/21 16:41	1
Chloromethane	<95		360	95	ug/Kg	☼	02/25/21 20:31	02/26/21 16:41	1
cis-1,2-Dichloroethene	<57		360	57	ug/Kg	☼	02/25/21 20:31	02/26/21 16:41	1
cis-1,3-Dichloropropene	<180		360	180	ug/Kg	☼	02/25/21 20:31	02/26/21 16:41	1
Dichlorobromomethane	<40		360	40	ug/Kg	☼	02/25/21 20:31	02/26/21 16:41	1
Dichlorodifluoromethane	<76		360	76	ug/Kg	☼	02/25/21 20:31	02/26/21 16:41	1
Ethylbenzene	<67		360	67	ug/Kg	☼	02/25/21 20:31	02/26/21 16:41	1
Ethylene Dibromide	<110		360	110	ug/Kg	☼	02/25/21 20:31	02/26/21 16:41	1
Naphthalene	<170		360	170	ug/Kg	☼	02/25/21 20:31	02/26/21 16:41	1
Isopropylbenzene	<55		360	55	ug/Kg	☼	02/25/21 20:31	02/26/21 16:41	1
2-Butanone (MEK)	<230		1400	230	ug/Kg	☼	02/25/21 20:31	02/26/21 16:41	1
4-Methyl-2-pentanone (MIBK)	<340		1400	340	ug/Kg	☼	02/25/21 20:31	02/26/21 16:41	1
Methyl tert-butyl ether	<53		360	53	ug/Kg	☼	02/25/21 20:31	02/26/21 16:41	1
Methylene Chloride	<550		720	550	ug/Kg	☼	02/25/21 20:31	02/26/21 16:41	1
Styrene	<75		360	75	ug/Kg	☼	02/25/21 20:31	02/26/21 16:41	1
Tetrachloroethene	<140		360	140	ug/Kg	☼	02/25/21 20:31	02/26/21 16:41	1
Toluene	**350**	**J**	360	340	ug/Kg	☼	02/25/21 20:31	02/26/21 16:41	1
trans-1,2-Dichloroethene	<89		360	89	ug/Kg	☼	02/25/21 20:31	02/26/21 16:41	1
trans-1,3-Dichloropropene	<150		360	150	ug/Kg	☼	02/25/21 20:31	02/26/21 16:41	1
Trichloroethene	<210		360	210	ug/Kg	☼	02/25/21 20:31	02/26/21 16:41	1
Trichlorofluoromethane	<200		360	200	ug/Kg	☼	02/25/21 20:31	02/26/21 16:41	1
Vinyl chloride	<180		360	180	ug/Kg	☼	02/25/21 20:31	02/26/21 16:41	1
Xylenes, Total	<130		720	130	ug/Kg	☼	02/25/21 20:31	02/26/21 16:41	1
Chlorodibromomethane	<170		360	170	ug/Kg	☼	02/25/21 20:31	02/26/21 16:41	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*95*		*47 - 136*	*02/25/21 20:31*	*02/26/21 16:41*	*1*
4-Bromofluorobenzene (Surr)	*88*		*51 - 124*	*02/25/21 20:31*	*02/26/21 16:41*	*1*

Client: TRC Environmental Corporation.
Project/Site: OVAP - ABB 2019 \ 2020

Job ID: 240-144901-1

Client Sample ID: SB-34 (4-6)

Date Collected: 02/24/21 14:45
Date Received: 02/24/21 17:10

Lab Sample ID: 240-144901-8

Matrix: Solid
Percent Solids: 72.6

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Toluene-d8 (Surr)	*91*		*55 - 123*	*02/25/21 20:31*	*02/26/21 16:41*	*1*
Dibromofluoromethane (Surr)	*91*		*49 - 122*	*02/25/21 20:31*	*02/26/21 16:41*	*1*

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Solids	**72.6**		0.1	0.1	%			02/26/21 13:53	1
Percent Moisture	**27.4**		0.1	0.1	%			02/26/21 13:53	1

Client Sample Results

Client: TRC Environmental Corporation.
Project/Site: OVAP - ABB 2019 \ 2020

Job ID: 240-144901-1

Client Sample ID: SB-34 (0-2)_HEX

Date Collected: 02/24/21 14:30
Date Received: 02/24/21 17:10

Lab Sample ID: 240-144901-10

Matrix: Solid
Percent Solids: 84.7

Method: 6010B - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Barium	41		20	0.37	mg/Kg	☼	02/26/21 13:00	03/01/21 20:11	1
Cadmium	0.63		0.20	0.049	mg/Kg	☼	02/26/21 13:00	03/01/21 20:11	1
Chromium	28		0.51	0.15	mg/Kg	☼	02/26/21 13:00	03/01/21 20:11	1
Silver	0.099	J	0.51	0.082	mg/Kg	☼	02/26/21 13:00	03/01/21 20:11	1
Arsenic	11		1.0	0.32	mg/Kg	☼	02/26/21 13:00	03/01/21 20:11	1
Lead	42		1.0	0.29	mg/Kg	☼	02/26/21 13:00	03/01/21 20:11	1
Selenium	<0.48		1.5	0.48	mg/Kg	☼	02/26/21 13:00	03/01/21 20:11	1

Method: 7471A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.40		0.12	0.022	mg/Kg	☼	02/26/21 13:00	03/02/21 12:10	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cr (VI)	<0.61		0.94	0.61	mg/Kg	☼	03/08/21 10:45	03/08/21 14:31	1
Percent Solids	84.7		0.1	0.1	%			02/26/21 13:53	1
Percent Moisture	15.3		0.1	0.1	%			02/26/21 13:53	1

Client Sample Results

Client: TRC Environmental Corporation.
Project/Site: OVAP - ABB 2019 \ 2020

Job ID: 240-144901-1

Client Sample ID: WCA01-01

Date Collected: 02/24/21 15:00
Date Received: 02/24/21 17:10

Lab Sample ID: 240-144901-11

Matrix: Solid
Percent Solids: 73.2

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	**40**		26	22	ug/Kg	☼	02/25/21 10:15	03/01/21 15:52	1
Benzene	**9.3**		5.1	0.72	ug/Kg	☼	02/25/21 10:15	03/01/21 15:52	1
Bromoform	<2.5		5.1	2.5	ug/Kg	☼	02/25/21 10:15	03/01/21 15:52	1
Bromomethane	<1.0		5.1	1.0	ug/Kg	☼	02/25/21 10:15	03/01/21 15:52	1
2-Butanone (MEK)	**14**	**J**	21	3.7	ug/Kg	☼	02/25/21 10:15	03/01/21 15:52	1
Carbon disulfide	<1.2		5.1	1.2	ug/Kg	☼	02/25/21 10:15	03/01/21 15:52	1
Carbon tetrachloride	<3.3		5.1	3.3	ug/Kg	☼	02/25/21 10:15	03/01/21 15:52	1
Chlorobenzene	<0.94		5.1	0.94	ug/Kg	☼	02/25/21 10:15	03/01/21 15:52	1
Chlorodibromomethane	<2.9		5.1	2.9	ug/Kg	☼	02/25/21 10:15	03/01/21 15:52	1
Chloroethane	<1.3		5.1	1.3	ug/Kg	☼	02/25/21 10:15	03/01/21 15:52	1
Chloroform	<0.81		5.1	0.81	ug/Kg	☼	02/25/21 10:15	03/01/21 15:52	1
Chloromethane	<1.1		5.1	1.1	ug/Kg	☼	02/25/21 10:15	03/01/21 15:52	1
cis-1,2-Dichloroethene	<0.67		5.1	0.67	ug/Kg	☼	02/25/21 10:15	03/01/21 15:52	1
cis-1,3-Dichloropropene	<1.5		5.1	1.5	ug/Kg	☼	02/25/21 10:15	03/01/21 15:52	1
1,2-Dibromo-3-Chloropropane	<3.7		10	3.7	ug/Kg	☼	02/25/21 10:15	03/01/21 15:52	1
1,2-Dichlorobenzene	<1.1		5.1	1.1	ug/Kg	☼	02/25/21 10:15	03/01/21 15:52	1
1,3-Dichlorobenzene	<0.84		5.1	0.84	ug/Kg	☼	02/25/21 10:15	03/01/21 15:52	1
1,4-Dichlorobenzene	<0.91		5.1	0.91	ug/Kg	☼	02/25/21 10:15	03/01/21 15:52	1
Dichlorobromomethane	<0.70		5.1	0.70	ug/Kg	☼	02/25/21 10:15	03/01/21 15:52	1
Dichlorodifluoromethane	<0.97		5.1	0.97	ug/Kg	☼	02/25/21 10:15	03/01/21 15:52	1
1,1-Dichloroethane	**190**		5.1	0.71	ug/Kg	☼	02/25/21 10:15	03/01/21 15:52	1
1,2-Dichloroethane	**4.1**	**J**	5.1	0.79	ug/Kg	☼	02/25/21 10:15	03/01/21 15:52	1
1,1-Dichloroethene	**2.6**	**J**	5.1	0.93	ug/Kg	☼	02/25/21 10:15	03/01/21 15:52	1
1,2-Dichloropropane	<0.87		5.1	0.87	ug/Kg	☼	02/25/21 10:15	03/01/21 15:52	1
1,4-Dioxane	**110**	**J**	260	23	ug/Kg	☼	02/25/21 10:15	03/01/21 15:52	1
Ethylbenzene	**15**		5.1	1.1	ug/Kg	☼	02/25/21 10:15	03/01/21 15:52	1
Ethylene Dibromide	<0.79		5.1	0.79	ug/Kg	☼	02/25/21 10:15	03/01/21 15:52	1
2-Hexanone	<4.2		21	4.2	ug/Kg	☼	02/25/21 10:15	03/01/21 15:52	1
Isopropylbenzene	<0.85		5.1	0.85	ug/Kg	☼	02/25/21 10:15	03/01/21 15:52	1
Methylene Chloride	<12		26	12	ug/Kg	☼	02/25/21 10:15	03/01/21 15:52	1
4-Methyl-2-pentanone (MIBK)	<3.8		21	3.8	ug/Kg	☼	02/25/21 10:15	03/01/21 15:52	1
Methyl tert-butyl ether	<0.84		5.1	0.84	ug/Kg	☼	02/25/21 10:15	03/01/21 15:52	1
Styrene	<1.2		5.1	1.2	ug/Kg	☼	02/25/21 10:15	03/01/21 15:52	1
1,1,2,2-Tetrachloroethane	<1.5		5.1	1.5	ug/Kg	☼	02/25/21 10:15	03/01/21 15:52	1
Tetrachloroethene	<0.75		5.1	0.75	ug/Kg	☼	02/25/21 10:15	03/01/21 15:52	1
Toluene	**8.2**		5.1	0.79	ug/Kg	☼	02/25/21 10:15	03/01/21 15:52	1
trans-1,2-Dichloroethene	**3.6**	**J**	5.1	0.48	ug/Kg	☼	02/25/21 10:15	03/01/21 15:52	1
trans-1,3-Dichloropropene	<1.1		5.1	1.1	ug/Kg	☼	02/25/21 10:15	03/01/21 15:52	1
1,2,4-Trichlorobenzene	<0.59		5.1	0.59	ug/Kg	☼	02/25/21 10:15	03/01/21 15:52	1
1,1,1-Trichloroethane	**1.5**	**J**	5.1	0.84	ug/Kg	☼	02/25/21 10:15	03/01/21 15:52	1
1,1,2-Trichloroethane	<1.2		5.1	1.2	ug/Kg	☼	02/25/21 10:15	03/01/21 15:52	1
Trichloroethene	**3.2**	**J**	5.1	0.65	ug/Kg	☼	02/25/21 10:15	03/01/21 15:52	1
Trichlorofluoromethane	<1.1		5.1	1.1	ug/Kg	☼	02/25/21 10:15	03/01/21 15:52	1
Vinyl chloride	**1.3**	**J**	5.1	0.86	ug/Kg	☼	02/25/21 10:15	03/01/21 15:52	1
Xylenes, Total	**19**		10	1.6	ug/Kg	☼	02/25/21 10:15	03/01/21 15:52	1
Naphthalene	<2.8		5.1	2.8	ug/Kg	☼	02/25/21 10:15	03/01/21 15:52	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*94*		*51 - 127*	*02/25/21 10:15*	*03/01/21 15:52*	*1*
Dibromofluoromethane (Surr)	*95*		*56 - 122*	*02/25/21 10:15*	*03/01/21 15:52*	*1*

Client Sample Results

Client: TRC Environmental Corporation.
Project/Site: OVAP - ABB 2019 \ 2020

Job ID: 240-144901-1

Client Sample ID: WCA01-01

Date Collected: 02/24/21 15:00
Date Received: 02/24/21 17:10

Lab Sample ID: 240-144901-11

Matrix: Solid
Percent Solids: 73.2

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*96*		*59 - 120*	*02/25/21 10:15*	*03/01/21 15:52*	*1*
Toluene-d8 (Surr)	*94*		*64 - 124*	*02/25/21 10:15*	*03/01/21 15:52*	*1*

Method: 8260B - Volatile Organic Compounds (GC/MS) - TCLP

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1-Dichloroethene	<0.00019		0.025	0.00019	mg/L			03/05/21 15:01	1
1,2-Dichloroethane	<0.00021		0.025	0.00021	mg/L			03/05/21 15:01	1
2-Butanone (MEK)	<0.0012		0.25	0.0012	mg/L			03/05/21 15:01	1
Benzene	<0.00013		0.025	0.00013	mg/L			03/05/21 15:01	1
Carbon tetrachloride	<0.00026		0.025	0.00026	mg/L			03/05/21 15:01	1
Chlorobenzene	<0.00014		0.025	0.00014	mg/L			03/05/21 15:01	1
Chloroform	<0.00013		0.025	0.00013	mg/L			03/05/21 15:01	1
Tetrachloroethene	<0.00015		0.025	0.00015	mg/L			03/05/21 15:01	1
Trichloroethene	<0.00010		0.025	0.00010	mg/L			03/05/21 15:01	1
Vinyl chloride	<0.00020		0.025	0.00020	mg/L			03/05/21 15:01	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*103*		*74 - 124*		*03/05/21 15:01*	*1*
4-Bromofluorobenzene (Surr)	*100*		*77 - 120*		*03/05/21 15:01*	*1*
Toluene-d8 (Surr)	*91*		*80 - 120*		*03/05/21 15:01*	*1*
Dibromofluoromethane (Surr)	*101*		*80 - 120*		*03/05/21 15:01*	*1*

Method: 6010B - Metals (ICP) - TCLP

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	**0.0084**	**J B**	0.050	0.0041	mg/L		03/02/21 14:00	03/03/21 17:47	1
Barium	**0.095**	**J B**	0.50	0.0013	mg/L		03/02/21 14:00	03/03/21 17:47	1
Cadmium	<0.00020		0.050	0.00020	mg/L		03/02/21 14:00	03/03/21 17:47	1
Chromium	**0.0015**	**J B**	0.050	0.00063	mg/L		03/02/21 14:00	03/03/21 17:47	1
Lead	**0.0072**	**J**	0.050	0.0028	mg/L		03/02/21 14:00	03/03/21 17:47	1
Selenium	<0.0060		0.050	0.0060	mg/L		03/02/21 14:00	03/03/21 17:47	1
Silver	<0.00062		0.050	0.00062	mg/L		03/02/21 14:00	03/03/21 17:47	1

Method: 7470A - Mercury (CVAA) - TCLP

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.00013		0.0020	0.00013	mg/L		03/02/21 14:00	03/03/21 14:23	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Flashpoint	**>200**		1.00	1.00	Degrees F			03/08/21 10:38	1
Cyanide, Total	<0.30		0.78	0.30	mg/Kg	☼	03/04/21 20:09	03/04/21 22:10	1
Sulfide	<20		41	20	mg/Kg	☼	03/02/21 08:52	03/02/21 13:26	1
Sulfide as H2S	<20		41	20	mg/Kg	☼	03/02/21 08:52	03/02/21 13:26	1
pH	**6.5**	**HF**	0.1	0.1	SU			02/27/21 12:45	1
Corrosivity	**6.5**	**HF**	0.1	0.1	SU			02/27/21 12:45	1
Percent Solids	**73.2**		0.1	0.1	%			02/26/21 13:53	1
Percent Moisture	**26.8**		0.1	0.1	%			02/26/21 13:53	1

Surrogate Summary

Client: TRC Environmental Corporation.
Project/Site: OVAP - ABB 2019 \ 2020

Job ID: 240-144901-1

Method: 8260B - Volatile Organic Compounds (GC/MS)

Matrix: Solid **Prep Type: Total/NA**

		Percent Surrogate Recovery (Acceptance Limits)			
		DCA	BFB	TOL	DBFM
Lab Sample ID	Client Sample ID	(47-136)	(51-124)	(55-123)	(49-122)
240-144901-1	SB-35 (0-2)	99	93	94	97
240-144901-2	SB-35 (2-4)	95	90	91	93
240-144901-3	SB-35 (4-6)	98	88	92	96
240-144901-6	SB-34 (0-2)	104	96	99	102
240-144901-7	SB-34 (2-4)	91	83	87	88
240-144901-8	SB-34 (4-6)	95	88	91	91
LCS 240-474557/2-A	Lab Control Sample	86	84	84	86
MB 240-474557/1-A	Method Blank	86	79	80	80

Surrogate Legend

DCA = 1,2-Dichloroethane-d4 (Surr)
BFB = 4-Bromofluorobenzene (Surr)
TOL = Toluene-d8 (Surr)
DBFM = Dibromofluoromethane (Surr)

Method: 8260B - Volatile Organic Compounds (GC/MS)

Matrix: Solid **Prep Type: Total/NA**

		Percent Surrogate Recovery (Acceptance Limits)			
		BFB	DBFM	DCA	TOL
Lab Sample ID	Client Sample ID	(51-127)	(56-122)	(59-120)	(64-124)
240-144901-11	WCA01-01	94	95	96	94
LCS 240-474788/5	Lab Control Sample	89	90	82	91
MB 240-474559/2-A	Method Blank	88	89	84	91

Surrogate Legend

BFB = 4-Bromofluorobenzene (Surr)
DBFM = Dibromofluoromethane (Surr)
DCA = 1,2-Dichloroethane-d4 (Surr)
TOL = Toluene-d8 (Surr)

Method: 8260B - Volatile Organic Compounds (GC/MS)

Matrix: Solid **Prep Type: Total/NA**

		Percent Surrogate Recovery (Acceptance Limits)			
		BFB	DCA	TOL	DBFM
Lab Sample ID	Client Sample ID	(77-120)	(74-124)	(80-120)	(80-120)
LCS 240-475622/11	Lab Control Sample	103	91	92	92

Surrogate Legend

BFB = 4-Bromofluorobenzene (Surr)
DCA = 1,2-Dichloroethane-d4 (Surr)
TOL = Toluene-d8 (Surr)
DBFM = Dibromofluoromethane (Surr)

Method: 8260B - Volatile Organic Compounds (GC/MS)

Matrix: Solid **Prep Type: TCLP**

		Percent Surrogate Recovery (Acceptance Limits)			
		DCA	BFB	TOL	DBFM
Lab Sample ID	Client Sample ID	(74-124)	(77-120)	(80-120)	(80-120)
240-144901-11	WCA01-01	103	100	91	101

Surrogate Summary

Client: TRC Environmental Corporation.
Project/Site: OVAP - ABB 2019 \ 2020

Job ID: 240-144901-1

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Matrix: Solid

Prep Type: TCLP

		Percent Surrogate Recovery (Acceptance Limits)							
		DCA	BFB	TOL	DBFM				
Lab Sample ID	**Client Sample ID**	**(74-124)**	**(77-120)**	**(80-120)**	**(80-120)**				
LB 240-475353/1-A MB	Method Blank	101	103	90	101				

Surrogate Legend

DCA = 1,2-Dichloroethane-d4 (Surr)
BFB = 4-Bromofluorobenzene (Surr)
TOL = Toluene-d8 (Surr)
DBFM = Dibromofluoromethane (Surr)

Method: 8260B - Volatile Organic Compounds (GC/MS)

Lab Sample ID: MB 240-474557/1-A
Matrix: Solid
Analysis Batch: 474603

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 474557

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2-Dibromo-3-Chloropropane	<220		500	220	ug/Kg		02/25/21 20:31	02/26/21 11:52	1
Acetone	<240		1000	240	ug/Kg		02/25/21 20:31	02/26/21 11:52	1
1,2-Dichlorobenzene	<120		250	120	ug/Kg		02/25/21 20:31	02/26/21 11:52	1
Benzene	<42		250	42	ug/Kg		02/25/21 20:31	02/26/21 11:52	1
1,3-Dichlorobenzene	<46		250	46	ug/Kg		02/25/21 20:31	02/26/21 11:52	1
Bromoform	<230		250	230	ug/Kg		02/25/21 20:31	02/26/21 11:52	1
1,4-Dichlorobenzene	<55		250	55	ug/Kg		02/25/21 20:31	02/26/21 11:52	1
Bromomethane	<170		250	170	ug/Kg		02/25/21 20:31	02/26/21 11:52	1
Carbon disulfide	<110		250	110	ug/Kg		02/25/21 20:31	02/26/21 11:52	1
Carbon tetrachloride	<100		250	100	ug/Kg		02/25/21 20:31	02/26/21 11:52	1
1,1-Dichloroethane	<48		250	48	ug/Kg		02/25/21 20:31	02/26/21 11:52	1
Chlorobenzene	<35		250	35	ug/Kg		02/25/21 20:31	02/26/21 11:52	1
1,2-Dichloroethane	<47		250	47	ug/Kg		02/25/21 20:31	02/26/21 11:52	1
Chloroethane	<150		250	150	ug/Kg		02/25/21 20:31	02/26/21 11:52	1
Chloroform	<54		250	54	ug/Kg		02/25/21 20:31	02/26/21 11:52	1
1,1-Dichloroethene	<82		250	82	ug/Kg		02/25/21 20:31	02/26/21 11:52	1
Chloromethane	<66		250	66	ug/Kg		02/25/21 20:31	02/26/21 11:52	1
1,2-Dichloropropane	<37		250	37	ug/Kg		02/25/21 20:31	02/26/21 11:52	1
cis-1,2-Dichloroethene	<40		250	40	ug/Kg		02/25/21 20:31	02/26/21 11:52	1
1,4-Dioxane	<2300		13000	2300	ug/Kg		02/25/21 20:31	02/26/21 11:52	1
cis-1,3-Dichloropropene	<120		250	120	ug/Kg		02/25/21 20:31	02/26/21 11:52	1
Dichlorobromomethane	<28		250	28	ug/Kg		02/25/21 20:31	02/26/21 11:52	1
Dichlorodifluoromethane	<53		250	53	ug/Kg		02/25/21 20:31	02/26/21 11:52	1
2-Hexanone	<260		1000	260	ug/Kg		02/25/21 20:31	02/26/21 11:52	1
Ethylbenzene	<47		250	47	ug/Kg		02/25/21 20:31	02/26/21 11:52	1
Ethylene Dibromide	<79		250	79	ug/Kg		02/25/21 20:31	02/26/21 11:52	1
Isopropylbenzene	<38		250	38	ug/Kg		02/25/21 20:31	02/26/21 11:52	1
2-Butanone (MEK)	<160		1000	160	ug/Kg		02/25/21 20:31	02/26/21 11:52	1
4-Methyl-2-pentanone (MIBK)	<240		1000	240	ug/Kg		02/25/21 20:31	02/26/21 11:52	1
Methyl tert-butyl ether	<37		250	37	ug/Kg		02/25/21 20:31	02/26/21 11:52	1
1,1,2,2-Tetrachloroethane	<150		250	150	ug/Kg		02/25/21 20:31	02/26/21 11:52	1
Methylene Chloride	<380		500	380	ug/Kg		02/25/21 20:31	02/26/21 11:52	1
Styrene	<52		250	52	ug/Kg		02/25/21 20:31	02/26/21 11:52	1
Tetrachloroethene	<97		250	97	ug/Kg		02/25/21 20:31	02/26/21 11:52	1
Toluene	<240		250	240	ug/Kg		02/25/21 20:31	02/26/21 11:52	1
1,2,4-Trichlorobenzene	<130		250	130	ug/Kg		02/25/21 20:31	02/26/21 11:52	1
trans-1,2-Dichloroethene	<62		250	62	ug/Kg		02/25/21 20:31	02/26/21 11:52	1
1,1,1-Trichloroethane	<78		250	78	ug/Kg		02/25/21 20:31	02/26/21 11:52	1
trans-1,3-Dichloropropene	<110		250	110	ug/Kg		02/25/21 20:31	02/26/21 11:52	1
1,1,2-Trichloroethane	<57		250	57	ug/Kg		02/25/21 20:31	02/26/21 11:52	1
Trichloroethene	<140		250	140	ug/Kg		02/25/21 20:31	02/26/21 11:52	1
Trichlorofluoromethane	<140		250	140	ug/Kg		02/25/21 20:31	02/26/21 11:52	1
Vinyl chloride	<120		250	120	ug/Kg		02/25/21 20:31	02/26/21 11:52	1
Xylenes, Total	<91		500	91	ug/Kg		02/25/21 20:31	02/26/21 11:52	1
Chlorodibromomethane	<120		250	120	ug/Kg		02/25/21 20:31	02/26/21 11:52	1
Naphthalene	<120		250	120	ug/Kg		02/25/21 20:31	02/26/21 11:52	1

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: MB 240-474557/1-A
Matrix: Solid
Analysis Batch: 474603

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 474557

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	79		51 - 124	02/25/21 20:31	02/26/21 11:52	1
1,2-Dichloroethane-d4 (Surr)	86		47 - 136	02/25/21 20:31	02/26/21 11:52	1
Toluene-d8 (Surr)	80		55 - 123	02/25/21 20:31	02/26/21 11:52	1
Dibromofluoromethane (Surr)	80		49 - 122	02/25/21 20:31	02/26/21 11:52	1

Lab Sample ID: LCS 240-474557/2-A
Matrix: Solid
Analysis Batch: 474603

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 474557

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
1,2-Dibromo-3-Chloropropane	1000	721		ug/Kg		72	35 - 137
Acetone	2000	1740		ug/Kg		87	47 - 157
1,2-Dichlorobenzene	1000	953		ug/Kg		95	74 - 120
Benzene	1000	1030		ug/Kg		103	75 - 120
1,3-Dichlorobenzene	1000	996		ug/Kg		100	74 - 120
Bromoform	1000	865		ug/Kg		87	44 - 131
1,4-Dichlorobenzene	1000	974		ug/Kg		97	74 - 120
Bromomethane	1000	358		ug/Kg		36	10 - 158
Carbon disulfide	1000	739		ug/Kg		74	33 - 144
Carbon tetrachloride	1000	858		ug/Kg		86	54 - 130
1,1-Dichloroethane	1000	942		ug/Kg		94	69 - 120
Chlorobenzene	1000	970		ug/Kg		97	79 - 120
1,2-Dichloroethane	1000	921		ug/Kg		92	66 - 120
Chloroethane	1000	374		ug/Kg		37	10 - 159
Chloroform	1000	989		ug/Kg		99	74 - 120
1,1-Dichloroethene	1000	945		ug/Kg		95	48 - 140
Chloromethane	1000	716		ug/Kg		72	40 - 127
1,2-Dichloropropane	1000	988		ug/Kg		99	77 - 120
cis-1,2-Dichloroethene	1000	1040		ug/Kg		104	76 - 120
1,4-Dioxane	20000	21400		ug/Kg		107	44 - 154
cis-1,3-Dichloropropene	1000	925		ug/Kg		93	62 - 124
Dichlorobromomethane	1000	982		ug/Kg		98	63 - 121
Dichlorodifluoromethane	1000	622		ug/Kg		62	18 - 137
2-Hexanone	2000	1670		ug/Kg		83	54 - 135
Ethylbenzene	1000	972		ug/Kg		97	75 - 120
Ethylene Dibromide	1000	953		ug/Kg		95	73 - 126
Isopropylbenzene	1000	1060		ug/Kg		106	74 - 120
2-Butanone (MEK)	2000	1830		ug/Kg		92	61 - 131
m-Xylene & p-Xylene	1000	975		ug/Kg		97	76 - 120
4-Methyl-2-pentanone (MIBK)	2000	1590		ug/Kg		80	56 - 124
Methyl tert-butyl ether	1000	1020		ug/Kg		102	66 - 120
1,1,2,2-Tetrachloroethane	1000	875		ug/Kg		88	61 - 134
Methylene Chloride	1000	920		ug/Kg		92	48 - 142
o-Xylene	1000	1010		ug/Kg		101	76 - 120
Styrene	1000	965		ug/Kg		96	70 - 120
Tetrachloroethene	1000	1020		ug/Kg		102	75 - 124
Toluene	1000	955		ug/Kg		96	76 - 120
1,2,4-Trichlorobenzene	1000	921		ug/Kg		92	56 - 120

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: LCS 240-474557/2-A
Matrix: Solid
Analysis Batch: 474603

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 474557

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
trans-1,2-Dichloroethene	1000	1000		ug/Kg		100	74 - 125
1,1,1-Trichloroethane	1000	911		ug/Kg		91	60 - 126
trans-1,3-Dichloropropene	1000	784		ug/Kg		78	58 - 120
1,1,2-Trichloroethane	1000	959		ug/Kg		96	78 - 120
Trichloroethene	1000	1010		ug/Kg		101	75 - 123
Trichlorofluoromethane	1000	731		ug/Kg		73	33 - 152
Vinyl chloride	1000	791		ug/Kg		79	39 - 140
Xylenes, Total	2000	1990		ug/Kg		99	77 - 120
Chlorodibromomethane	1000	828		ug/Kg		83	60 - 121
Naphthalene	1000	834		ug/Kg		83	43 - 127

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
4-Bromofluorobenzene (Surr)	*84*		*51 - 124*
1,2-Dichloroethane-d4 (Surr)	*86*		*47 - 136*
Toluene-d8 (Surr)	*84*		*55 - 123*
Dibromofluoromethane (Surr)	*86*		*49 - 122*

Lab Sample ID: MB 240-474559/2-A
Matrix: Solid
Analysis Batch: 474788

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 474559

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2-Dibromo-3-Chloropropane	<3.6		10	3.6	ug/Kg		02/25/21 23:51	03/01/21 08:38	1
Acetone	<21		25	21	ug/Kg		02/25/21 23:51	03/01/21 08:38	1
1,2-Dichlorobenzene	<1.1		5.0	1.1	ug/Kg		02/25/21 23:51	03/01/21 08:38	1
Benzene	<0.70		5.0	0.70	ug/Kg		02/25/21 23:51	03/01/21 08:38	1
1,3-Dichlorobenzene	<0.82		5.0	0.82	ug/Kg		02/25/21 23:51	03/01/21 08:38	1
Bromoform	<2.4		5.0	2.4	ug/Kg		02/25/21 23:51	03/01/21 08:38	1
1,4-Dichlorobenzene	<0.88		5.0	0.88	ug/Kg		02/25/21 23:51	03/01/21 08:38	1
Bromomethane	<0.99		5.0	0.99	ug/Kg		02/25/21 23:51	03/01/21 08:38	1
Carbon disulfide	<1.2		5.0	1.2	ug/Kg		02/25/21 23:51	03/01/21 08:38	1
Carbon tetrachloride	<3.3		5.0	3.3	ug/Kg		02/25/21 23:51	03/01/21 08:38	1
1,1-Dichloroethane	<0.69		5.0	0.69	ug/Kg		02/25/21 23:51	03/01/21 08:38	1
Chlorobenzene	<0.92		5.0	0.92	ug/Kg		02/25/21 23:51	03/01/21 08:38	1
1,2-Dichloroethane	<0.77		5.0	0.77	ug/Kg		02/25/21 23:51	03/01/21 08:38	1
Chloroethane	<1.2		5.0	1.2	ug/Kg		02/25/21 23:51	03/01/21 08:38	1
Chloroform	<0.79		5.0	0.79	ug/Kg		02/25/21 23:51	03/01/21 08:38	1
1,1-Dichloroethene	<0.90		5.0	0.90	ug/Kg		02/25/21 23:51	03/01/21 08:38	1
Chloromethane	<1.0		5.0	1.0	ug/Kg		02/25/21 23:51	03/01/21 08:38	1
1,2-Dichloropropane	<0.85		5.0	0.85	ug/Kg		02/25/21 23:51	03/01/21 08:38	1
cis-1,2-Dichloroethene	<0.65		5.0	0.65	ug/Kg		02/25/21 23:51	03/01/21 08:38	1
1,4-Dioxane	<22		250	22	ug/Kg		02/25/21 23:51	03/01/21 08:38	1
cis-1,3-Dichloropropene	<1.4		5.0	1.4	ug/Kg		02/25/21 23:51	03/01/21 08:38	1
Dichlorobromomethane	<0.68		5.0	0.68	ug/Kg		02/25/21 23:51	03/01/21 08:38	1
Dichlorodifluoromethane	<0.94		5.0	0.94	ug/Kg		02/25/21 23:51	03/01/21 08:38	1
2-Hexanone	<4.1		20	4.1	ug/Kg		02/25/21 23:51	03/01/21 08:38	1
Ethylbenzene	<1.0		5.0	1.0	ug/Kg		02/25/21 23:51	03/01/21 08:38	1
Ethylene Dibromide	<0.77		5.0	0.77	ug/Kg		02/25/21 23:51	03/01/21 08:38	1

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: MB 240-474559/2-A
Matrix: Solid
Analysis Batch: 474788

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 474559

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Isopropylbenzene	<0.83		5.0	0.83	ug/Kg		02/25/21 23:51	03/01/21 08:38	1
2-Butanone (MEK)	<3.6		20	3.6	ug/Kg		02/25/21 23:51	03/01/21 08:38	1
4-Methyl-2-pentanone (MIBK)	<3.7		20	3.7	ug/Kg		02/25/21 23:51	03/01/21 08:38	1
Methyl tert-butyl ether	<0.82		5.0	0.82	ug/Kg		02/25/21 23:51	03/01/21 08:38	1
1,1,2,2-Tetrachloroethane	<1.4		5.0	1.4	ug/Kg		02/25/21 23:51	03/01/21 08:38	1
Methylene Chloride	<12		25	12	ug/Kg		02/25/21 23:51	03/01/21 08:38	1
Styrene	<1.2		5.0	1.2	ug/Kg		02/25/21 23:51	03/01/21 08:38	1
Tetrachloroethene	<0.73		5.0	0.73	ug/Kg		02/25/21 23:51	03/01/21 08:38	1
Toluene	<0.77		5.0	0.77	ug/Kg		02/25/21 23:51	03/01/21 08:38	1
1,2,4-Trichlorobenzene	<0.57		5.0	0.57	ug/Kg		02/25/21 23:51	03/01/21 08:38	1
trans-1,2-Dichloroethene	<0.47		5.0	0.47	ug/Kg		02/25/21 23:51	03/01/21 08:38	1
1,1,1-Trichloroethane	<0.82		5.0	0.82	ug/Kg		02/25/21 23:51	03/01/21 08:38	1
trans-1,3-Dichloropropene	<1.0		5.0	1.0	ug/Kg		02/25/21 23:51	03/01/21 08:38	1
1,1,2-Trichloroethane	<1.1		5.0	1.1	ug/Kg		02/25/21 23:51	03/01/21 08:38	1
Trichloroethene	<0.63		5.0	0.63	ug/Kg		02/25/21 23:51	03/01/21 08:38	1
Trichlorofluoromethane	<1.1		5.0	1.1	ug/Kg		02/25/21 23:51	03/01/21 08:38	1
Vinyl chloride	<0.84		5.0	0.84	ug/Kg		02/25/21 23:51	03/01/21 08:38	1
Xylenes, Total	<1.6		10	1.6	ug/Kg		02/25/21 23:51	03/01/21 08:38	1
Chlorodibromomethane	<2.8		5.0	2.8	ug/Kg		02/25/21 23:51	03/01/21 08:38	1
Naphthalene	<2.7		5.0	2.7	ug/Kg		02/25/21 23:51	03/01/21 08:38	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*88*		*51 - 127*	*02/25/21 23:51*	*03/01/21 08:38*	*1*
1,2-Dichloroethane-d4 (Surr)	*84*		*59 - 120*	*02/25/21 23:51*	*03/01/21 08:38*	*1*
Toluene-d8 (Surr)	*91*		*64 - 124*	*02/25/21 23:51*	*03/01/21 08:38*	*1*
Dibromofluoromethane (Surr)	*89*		*56 - 122*	*02/25/21 23:51*	*03/01/21 08:38*	*1*

Lab Sample ID: LCS 240-474788/5
Matrix: Solid
Analysis Batch: 474788

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

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
1,2-Dibromo-3-Chloropropane	50.0	47.0		ug/Kg		94	35 - 137
Acetone	100	109		ug/Kg		109	47 - 157
1,2-Dichlorobenzene	50.0	50.7		ug/Kg		101	74 - 120
Benzene	50.0	52.9		ug/Kg		106	75 - 120
1,3-Dichlorobenzene	50.0	51.2		ug/Kg		102	74 - 120
Bromoform	50.0	57.9		ug/Kg		116	44 - 131
1,4-Dichlorobenzene	50.0	50.1		ug/Kg		100	74 - 120
Bromomethane	20.0	20.5		ug/Kg		102	10 - 158
Carbon disulfide	50.0	50.8		ug/Kg		102	33 - 144
Carbon tetrachloride	50.0	57.4		ug/Kg		115	54 - 130
1,1-Dichloroethane	50.0	49.3		ug/Kg		99	69 - 120
Chlorobenzene	50.0	48.6		ug/Kg		97	79 - 120
1,2-Dichloroethane	50.0	45.3		ug/Kg		91	66 - 120
Chloroethane	20.0	19.6		ug/Kg		98	10 - 159
Chloroform	50.0	50.9		ug/Kg		102	74 - 120
1,1-Dichloroethene	50.0	55.8		ug/Kg		112	48 - 140

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: LCS 240-474788/5
Matrix: Solid
Analysis Batch: 474788

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

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Chloromethane	20.0	17.8		ug/Kg		89	40 - 127
1,2-Dichloropropane	50.0	51.1		ug/Kg		102	77 - 120
cis-1,2-Dichloroethene	50.0	53.9		ug/Kg		108	76 - 120
1,4-Dioxane	1000	1110		ug/Kg		111	44 - 154
cis-1,3-Dichloropropene	50.0	52.4		ug/Kg		105	62 - 124
Dichlorobromomethane	50.0	56.3		ug/Kg		113	63 - 121
Dichlorodifluoromethane	20.0	19.1		ug/Kg		95	18 - 137
2-Hexanone	100	87.8		ug/Kg		88	54 - 135
Ethylbenzene	50.0	51.2		ug/Kg		102	75 - 120
Ethylene Dibromide	50.0	49.8		ug/Kg		100	73 - 126
Isopropylbenzene	50.0	55.5		ug/Kg		111	74 - 120
2-Butanone (MEK)	100	94.0		ug/Kg		94	61 - 131
m-Xylene & p-Xylene	50.0	51.4		ug/Kg		103	76 - 120
4-Methyl-2-pentanone (MIBK)	100	87.0		ug/Kg		87	56 - 124
Methyl tert-butyl ether	50.0	51.4		ug/Kg		103	66 - 120
1,1,2,2-Tetrachloroethane	50.0	48.5		ug/Kg		97	61 - 134
Methylene Chloride	50.0	47.8		ug/Kg		96	48 - 142
o-Xylene	50.0	51.7		ug/Kg		103	76 - 120
Styrene	50.0	50.9		ug/Kg		102	70 - 120
Tetrachloroethene	50.0	56.1		ug/Kg		112	75 - 124
Toluene	50.0	49.3		ug/Kg		99	76 - 120
1,2,4-Trichlorobenzene	50.0	52.4		ug/Kg		105	56 - 120
trans-1,2-Dichloroethene	50.0	55.6		ug/Kg		111	74 - 125
1,1,1-Trichloroethane	50.0	56.1		ug/Kg		112	60 - 126
trans-1,3-Dichloropropene	50.0	44.1		ug/Kg		88	58 - 120
1,1,2-Trichloroethane	50.0	48.6		ug/Kg		97	78 - 120
Trichloroethene	50.0	56.8		ug/Kg		114	75 - 123
Trichlorofluoromethane	20.0	23.2		ug/Kg		116	33 - 152
Vinyl chloride	20.0	19.7		ug/Kg		99	39 - 140
Xylenes, Total	100	103		ug/Kg		103	77 - 120
Chlorodibromomethane	50.0	50.5		ug/Kg		101	60 - 121
Naphthalene	50.0	47.9		ug/Kg		96	43 - 127

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
4-Bromofluorobenzene (Surr)	*89*		*51 - 127*
1,2-Dichloroethane-d4 (Surr)	*82*		*59 - 120*
Toluene-d8 (Surr)	*91*		*64 - 124*
Dibromofluoromethane (Surr)	*90*		*56 - 122*

Lab Sample ID: LCS 240-475622/11
Matrix: Solid
Analysis Batch: 475622

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

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Benzene	1.00	0.982		mg/L		98	80 - 122
Carbon tetrachloride	1.00	0.978		mg/L		98	67 - 126
Chlorobenzene	1.00	0.979		mg/L		98	80 - 120
1,2-Dichloroethane	1.00	1.03		mg/L		103	67 - 125

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: LCS 240-475622/11
Matrix: Solid
Analysis Batch: 475622

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

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Chloroform	1.00	0.997		mg/L		100	80 - 120
1,1-Dichloroethene	1.00	0.995		mg/L		100	80 - 128
2-Butanone (MEK)	2.00	1.72		mg/L		86	55 - 127
Tetrachloroethene	1.00	1.03		mg/L		103	76 - 120
Trichloroethene	1.00	0.946		mg/L		95	77 - 120
Vinyl chloride	1.00	1.15		mg/L		115	60 - 134

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
4-Bromofluorobenzene (Surr)	*103*		*77 - 120*
1,2-Dichloroethane-d4 (Surr)	*91*		*74 - 124*
Toluene-d8 (Surr)	*92*		*80 - 120*
Dibromofluoromethane (Surr)	*92*		*80 - 120*

Lab Sample ID: LB 240-475353/1-A MB
Matrix: Solid
Analysis Batch: 475622

Client Sample ID: Method Blank
Prep Type: TCLP

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00013		0.025	0.00013	mg/L			03/05/21 12:58	1
Carbon tetrachloride	<0.00026		0.025	0.00026	mg/L			03/05/21 12:58	1
Chlorobenzene	<0.00014		0.025	0.00014	mg/L			03/05/21 12:58	1
1,2-Dichloroethane	<0.00021		0.025	0.00021	mg/L			03/05/21 12:58	1
Chloroform	<0.00013		0.025	0.00013	mg/L			03/05/21 12:58	1
1,1-Dichloroethene	<0.00019		0.025	0.00019	mg/L			03/05/21 12:58	1
2-Butanone (MEK)	<0.0012		0.25	0.0012	mg/L			03/05/21 12:58	1
Tetrachloroethene	<0.00015		0.025	0.00015	mg/L			03/05/21 12:58	1
Trichloroethene	<0.00010		0.025	0.00010	mg/L			03/05/21 12:58	1
Vinyl chloride	<0.00020		0.025	0.00020	mg/L			03/05/21 12:58	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*103*		*77 - 120*		*03/05/21 12:58*	*1*
1,2-Dichloroethane-d4 (Surr)	*101*		*74 - 124*		*03/05/21 12:58*	*1*
Toluene-d8 (Surr)	*90*		*80 - 120*		*03/05/21 12:58*	*1*
Dibromofluoromethane (Surr)	*101*		*80 - 120*		*03/05/21 12:58*	*1*

Method: 6010B - Metals (ICP)

Lab Sample ID: MB 240-474682/1-A
Matrix: Solid
Analysis Batch: 475036

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 474682

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Barium	<0.36		20	0.36	mg/Kg		02/26/21 13:00	03/01/21 19:27	1
Cadmium	<0.048		0.20	0.048	mg/Kg		02/26/21 13:00	03/01/21 19:27	1
Chromium	<0.15		0.50	0.15	mg/Kg		02/26/21 13:00	03/01/21 19:27	1
Arsenic	<0.32		1.0	0.32	mg/Kg		02/26/21 13:00	03/01/21 19:27	1
Lead	<0.28		1.0	0.28	mg/Kg		02/26/21 13:00	03/01/21 19:27	1
Selenium	<0.47		1.5	0.47	mg/Kg		02/26/21 13:00	03/01/21 19:27	1

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

Lab Sample ID: MB 240-474682/1-A
Matrix: Solid
Analysis Batch: 475036

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 474682

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Silver	<0.081		0.50	0.081	mg/Kg		02/26/21 13:00	03/01/21 19:27	1

Lab Sample ID: LCS 240-474682/2-A
Matrix: Solid
Analysis Batch: 475036

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 474682

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Barium	200	196		mg/Kg		98	80 - 120
Cadmium	100	97.9		mg/Kg		98	80 - 120
Chromium	100	95.6		mg/Kg		96	80 - 120
Arsenic	200	202		mg/Kg		101	80 - 120
Lead	100	96.0		mg/Kg		96	80 - 120
Selenium	200	206		mg/Kg		103	80 - 120
Silver	10.0	9.79		mg/Kg		98	80 - 120

Lab Sample ID: MB 240-475018/2-A
Matrix: Solid
Analysis Batch: 475418

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 475018

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Barium	<0.0013		0.50	0.0013	mg/L		03/02/21 14:00	03/03/21 17:03	1
Cadmium	<0.00020		0.050	0.00020	mg/L		03/02/21 14:00	03/03/21 17:03	1
Chromium	<0.00063		0.050	0.00063	mg/L		03/02/21 14:00	03/03/21 17:03	1
Arsenic	<0.0041		0.050	0.0041	mg/L		03/02/21 14:00	03/03/21 17:03	1
Lead	<0.0028		0.050	0.0028	mg/L		03/02/21 14:00	03/03/21 17:03	1
Selenium	<0.0060		0.050	0.0060	mg/L		03/02/21 14:00	03/03/21 17:03	1
Silver	<0.00062		0.050	0.00062	mg/L		03/02/21 14:00	03/03/21 17:03	1

Lab Sample ID: LCS 240-475018/3-A
Matrix: Solid
Analysis Batch: 475418

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 475018

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Barium	2.00	2.01		mg/L		101	50 - 150
Cadmium	1.00	1.07		mg/L		107	50 - 150
Chromium	1.00	1.02		mg/L		102	50 - 150
Arsenic	2.00	2.24		mg/L		112	50 - 150
Lead	1.00	0.927		mg/L		93	50 - 150
Selenium	2.00	2.36		mg/L		118	50 - 150
Silver	0.100	0.112		mg/L		112	50 - 150

Lab Sample ID: LB 240-474931/1-B
Matrix: Solid
Analysis Batch: 475418

Client Sample ID: Method Blank
Prep Type: TCLP
Prep Batch: 475018

Analyte	LB Result	LB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Barium	0.00453	J	0.50	0.0013	mg/L		03/02/21 14:00	03/03/21 16:58	1
Cadmium	<0.00020		0.050	0.00020	mg/L		03/02/21 14:00	03/03/21 16:58	1
Chromium	0.000890	J	0.050	0.00063	mg/L		03/02/21 14:00	03/03/21 16:58	1
Arsenic	0.00486	J	0.050	0.0041	mg/L		03/02/21 14:00	03/03/21 16:58	1

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

Lab Sample ID: LB 240-474931/1-B — **Client Sample ID: Method Blank**
Matrix: Solid — **Prep Type: TCLP**
Analysis Batch: 475418 — **Prep Batch: 475018**

Analyte	LB Result	LB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Lead	<0.0028		0.050	0.0028	mg/L		03/02/21 14:00	03/03/21 16:58	1
Selenium	<0.0060		0.050	0.0060	mg/L		03/02/21 14:00	03/03/21 16:58	1
Silver	<0.00062		0.050	0.00062	mg/L		03/02/21 14:00	03/03/21 16:58	1

Method: 7470A - Mercury (CVAA)

Lab Sample ID: MB 240-475024/2-A — **Client Sample ID: Method Blank**
Matrix: Solid — **Prep Type: Total/NA**
Analysis Batch: 475340 — **Prep Batch: 475024**

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.00013		0.0020	0.00013	mg/L		03/02/21 14:00	03/03/21 14:12	1

Lab Sample ID: LCS 240-475024/3-A — **Client Sample ID: Lab Control Sample**
Matrix: Solid — **Prep Type: Total/NA**
Analysis Batch: 475340 — **Prep Batch: 475024**

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Mercury	0.00500	0.00511		mg/L		102	80 - 120

Lab Sample ID: LB 240-474931/1-C — **Client Sample ID: Method Blank**
Matrix: Solid — **Prep Type: TCLP**
Analysis Batch: 475340 — **Prep Batch: 475024**

Analyte	LB Result	LB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.00013		0.0020	0.00013	mg/L		03/02/21 14:00	03/03/21 14:10	1

Method: 7471A - Mercury (CVAA)

Lab Sample ID: MB 240-474685/1-A — **Client Sample ID: Method Blank**
Matrix: Solid — **Prep Type: Total/NA**
Analysis Batch: 475270 — **Prep Batch: 474685**

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.018		0.10	0.018	mg/Kg		02/26/21 13:00	03/02/21 11:55	1

Lab Sample ID: LCS 240-474685/2-A — **Client Sample ID: Lab Control Sample**
Matrix: Solid — **Prep Type: Total/NA**
Analysis Batch: 475270 — **Prep Batch: 474685**

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Mercury	0.833	0.840		mg/Kg		101	80 - 120

Method: 1010A - Ignitability, Pensky-Martens Closed-Cup Method

Lab Sample ID: LCS 240-475848/1 — **Client Sample ID: Lab Control Sample**
Matrix: Solid — **Prep Type: Total/NA**
Analysis Batch: 475848

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Flashpoint	81.0	81.00		Degrees F		100	97 - 103

Method: 7196A - Chromium, Hexavalent

Lab Sample ID: MB 240-475871/9-A — **Client Sample ID: Method Blank**
Matrix: Solid — **Prep Type: Total/NA**
Analysis Batch: 475897 — **Prep Batch: 475871**

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cr (VI)	<0.52		0.80	0.52	mg/Kg		03/08/21 10:45	03/08/21 14:17	1

Lab Sample ID: LCSI 240-475871/11-A — **Client Sample ID: Lab Control Sample**
Matrix: Solid — **Prep Type: Total/NA**
Analysis Batch: 475897 — **Prep Batch: 475871**

Analyte	Spike Added	LCSI Result	LCSI Qualifier	Unit	D	%Rec	%Rec. Limits
Cr (VI)	643	592		mg/Kg		92	66 - 136

Lab Sample ID: LCSS 240-475871/10-A — **Client Sample ID: Lab Control Sample**
Matrix: Solid — **Prep Type: Total/NA**
Analysis Batch: 475897 — **Prep Batch: 475871**

Analyte	Spike Added	LCSS Result	LCSS Qualifier	Unit	D	%Rec	%Rec. Limits
Cr (VI)	20.0	19.5		mg/Kg		97	90 - 110

Method: 9012A - Cyanide, Total and/or Amenable

Lab Sample ID: MB 240-475542/1-A — **Client Sample ID: Method Blank**
Matrix: Solid — **Prep Type: Total/NA**
Analysis Batch: 475549 — **Prep Batch: 475542**

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cyanide, Total	<0.19		0.50	0.19	mg/Kg		03/04/21 20:09	03/04/21 21:33	1

Lab Sample ID: LCS 240-475542/2-A — **Client Sample ID: Lab Control Sample**
Matrix: Solid — **Prep Type: Total/NA**
Analysis Batch: 475549 — **Prep Batch: 475542**

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Cyanide, Total	5.71	5.81		mg/Kg		102	65 - 128

Method: 9034 - Sulfide, Acid soluble and Insoluble (Titrimetric)

Lab Sample ID: MB 240-475022/1-A — **Client Sample ID: Method Blank**
Matrix: Solid — **Prep Type: Total/NA**
Analysis Batch: 475087 — **Prep Batch: 475022**

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Sulfide	<15		30	15	mg/Kg		03/02/21 08:52	03/02/21 12:44	1
Sulfide as H2S	<15		30	15	mg/Kg		03/02/21 08:52	03/02/21 12:44	1

Lab Sample ID: LCS 240-475022/2-A — **Client Sample ID: Lab Control Sample**
Matrix: Solid — **Prep Type: Total/NA**
Analysis Batch: 475087 — **Prep Batch: 475022**

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Sulfide	76.6	62.0		mg/Kg		81	56 - 120

QC Sample Results

Client: TRC Environmental Corporation.
Project/Site: OVAP - ABB 2019 \ 2020

Job ID: 240-144901-1

Method: Moisture - Percent Moisture

Lab Sample ID: 240-144901-10 DU
Matrix: Solid
Analysis Batch: 474687

Client Sample ID: SB-34 (0-2)_HEX
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier		DU Result	DU Qualifier	Unit	D			RPD	RPD Limit
Percent Solids	84.7			82.5		%				3	20
Percent Moisture	15.3			17.5		%				13	20

QC Association Summary

Client: TRC Environmental Corporation.
Project/Site: OVAP - ABB 2019 \ 2020

Job ID: 240-144901-1

GC/MS VOA

Prep Batch: 474557

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
240-144901-1	SB-35 (0-2)	Total/NA	Solid	5035	
240-144901-2	SB-35 (2-4)	Total/NA	Solid	5035	
240-144901-3	SB-35 (4-6)	Total/NA	Solid	5035	
240-144901-6	SB-34 (0-2)	Total/NA	Solid	5035	
240-144901-7	SB-34 (2-4)	Total/NA	Solid	5035	
240-144901-8	SB-34 (4-6)	Total/NA	Solid	5035	
MB 240-474557/1-A	Method Blank	Total/NA	Solid	5035	
LCS 240-474557/2-A	Lab Control Sample	Total/NA	Solid	5035	

Prep Batch: 474559

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
240-144901-11	WCA01-01	Total/NA	Solid	5035	
MB 240-474559/2-A	Method Blank	Total/NA	Solid	5035	

Analysis Batch: 474603

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
240-144901-1	SB-35 (0-2)	Total/NA	Solid	8260B	474557
240-144901-2	SB-35 (2-4)	Total/NA	Solid	8260B	474557
240-144901-3	SB-35 (4-6)	Total/NA	Solid	8260B	474557
240-144901-6	SB-34 (0-2)	Total/NA	Solid	8260B	474557
240-144901-7	SB-34 (2-4)	Total/NA	Solid	8260B	474557
240-144901-8	SB-34 (4-6)	Total/NA	Solid	8260B	474557
MB 240-474557/1-A	Method Blank	Total/NA	Solid	8260B	474557
LCS 240-474557/2-A	Lab Control Sample	Total/NA	Solid	8260B	474557

Analysis Batch: 474788

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
240-144901-11	WCA01-01	Total/NA	Solid	8260B	474559
MB 240-474559/2-A	Method Blank	Total/NA	Solid	8260B	474559
LCS 240-474788/5	Lab Control Sample	Total/NA	Solid	8260B	

Leach Batch: 475353

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
240-144901-11	WCA01-01	TCLP	Solid	1311	
LB 240-475353/1-A MB	Method Blank	TCLP	Solid	1311	

Analysis Batch: 475622

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
240-144901-11	WCA01-01	TCLP	Solid	8260B	475353
LB 240-475353/1-A MB	Method Blank	TCLP	Solid	8260B	475353
LCS 240-475622/11	Lab Control Sample	Total/NA	Solid	8260B	

Metals

Prep Batch: 474682

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
240-144901-5	SB-35 (0-2)_HEX	Total/NA	Solid	3050B	
240-144901-10	SB-34 (0-2)_HEX	Total/NA	Solid	3050B	
MB 240-474682/1-A	Method Blank	Total/NA	Solid	3050B	
LCS 240-474682/2-A	Lab Control Sample	Total/NA	Solid	3050B	

QC Association Summary

Client: TRC Environmental Corporation.
Project/Site: OVAP - ABB 2019 \ 2020

Job ID: 240-144901-1

Metals

Prep Batch: 474685

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
240-144901-5	SB-35 (0-2)_HEX	Total/NA	Solid	7471A	
240-144901-10	SB-34 (0-2)_HEX	Total/NA	Solid	7471A	
MB 240-474685/1-A	Method Blank	Total/NA	Solid	7471A	
LCS 240-474685/2-A	Lab Control Sample	Total/NA	Solid	7471A	

Leach Batch: 474931

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
240-144901-11	WCA01-01	TCLP	Solid	1311	
LB 240-474931/1-B	Method Blank	TCLP	Solid	1311	
LB 240-474931/1-C	Method Blank	TCLP	Solid	1311	

Prep Batch: 475018

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
240-144901-11	WCA01-01	TCLP	Solid	3010A	474931
LB 240-474931/1-B	Method Blank	TCLP	Solid	3010A	474931
MB 240-475018/2-A	Method Blank	Total/NA	Solid	3010A	
LCS 240-475018/3-A	Lab Control Sample	Total/NA	Solid	3010A	

Prep Batch: 475024

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
240-144901-11	WCA01-01	TCLP	Solid	7470A	474931
LB 240-474931/1-C	Method Blank	TCLP	Solid	7470A	474931
MB 240-475024/2-A	Method Blank	Total/NA	Solid	7470A	
LCS 240-475024/3-A	Lab Control Sample	Total/NA	Solid	7470A	

Analysis Batch: 475036

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
240-144901-5	SB-35 (0-2)_HEX	Total/NA	Solid	6010B	474682
240-144901-10	SB-34 (0-2)_HEX	Total/NA	Solid	6010B	474682
MB 240-474682/1-A	Method Blank	Total/NA	Solid	6010B	474682
LCS 240-474682/2-A	Lab Control Sample	Total/NA	Solid	6010B	474682

Analysis Batch: 475270

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
240-144901-5	SB-35 (0-2)_HEX	Total/NA	Solid	7471A	474685
240-144901-10	SB-34 (0-2)_HEX	Total/NA	Solid	7471A	474685
MB 240-474685/1-A	Method Blank	Total/NA	Solid	7471A	474685
LCS 240-474685/2-A	Lab Control Sample	Total/NA	Solid	7471A	474685

Analysis Batch: 475340

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
240-144901-11	WCA01-01	TCLP	Solid	7470A	475024
LB 240-474931/1-C	Method Blank	TCLP	Solid	7470A	475024
MB 240-475024/2-A	Method Blank	Total/NA	Solid	7470A	475024
LCS 240-475024/3-A	Lab Control Sample	Total/NA	Solid	7470A	475024

Analysis Batch: 475418

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
240-144901-11	WCA01-01	TCLP	Solid	6010B	475018
LB 240-474931/1-B	Method Blank	TCLP	Solid	6010B	475018
MB 240-475018/2-A	Method Blank	Total/NA	Solid	6010B	475018

Metals (Continued)

Analysis Batch: 475418 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
LCS 240-475018/3-A	Lab Control Sample	Total/NA	Solid	6010B	475018

General Chemistry

Analysis Batch: 474687

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
240-144901-1	SB-35 (0-2)	Total/NA	Solid	Moisture	
240-144901-2	SB-35 (2-4)	Total/NA	Solid	Moisture	
240-144901-3	SB-35 (4-6)	Total/NA	Solid	Moisture	
240-144901-5	SB-35 (0-2)_HEX	Total/NA	Solid	Moisture	
240-144901-6	SB-34 (0-2)	Total/NA	Solid	Moisture	
240-144901-7	SB-34 (2-4)	Total/NA	Solid	Moisture	
240-144901-8	SB-34 (4-6)	Total/NA	Solid	Moisture	
240-144901-10	SB-34 (0-2)_HEX	Total/NA	Solid	Moisture	
240-144901-11	WCA01-01	Total/NA	Solid	Moisture	
240-144901-10 DU	SB-34 (0-2)_HEX	Total/NA	Solid	Moisture	

Analysis Batch: 474737

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
240-144901-11	WCA01-01	Total/NA	Solid	9045D	
LCS 240-474737/28	Lab Control Sample	Total/NA	Solid	9045D	

Prep Batch: 475022

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
240-144901-11	WCA01-01	Total/NA	Solid	9030B	
MB 240-475022/1-A	Method Blank	Total/NA	Solid	9030B	
LCS 240-475022/2-A	Lab Control Sample	Total/NA	Solid	9030B	

Analysis Batch: 475087

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
240-144901-11	WCA01-01	Total/NA	Solid	9034	475022
MB 240-475022/1-A	Method Blank	Total/NA	Solid	9034	475022
LCS 240-475022/2-A	Lab Control Sample	Total/NA	Solid	9034	475022

Prep Batch: 475542

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
240-144901-11	WCA01-01	Total/NA	Solid	9012A	
MB 240-475542/1-A	Method Blank	Total/NA	Solid	9012A	
LCS 240-475542/2-A	Lab Control Sample	Total/NA	Solid	9012A	

Analysis Batch: 475549

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
240-144901-11	WCA01-01	Total/NA	Solid	9012A	475542
MB 240-475542/1-A	Method Blank	Total/NA	Solid	9012A	475542
LCS 240-475542/2-A	Lab Control Sample	Total/NA	Solid	9012A	475542

Analysis Batch: 475848

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
240-144901-11	WCA01-01	Total/NA	Solid	1010A	
LCS 240-475848/1	Lab Control Sample	Total/NA	Solid	1010A	

QC Association Summary

Client: TRC Environmental Corporation.
Project/Site: OVAP - ABB 2019 \ 2020

Job ID: 240-144901-1

General Chemistry

Prep Batch: 475871

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
240-144901-5	SB-35 (0-2)_HEX	Total/NA	Solid	3060A	
240-144901-10	SB-34 (0-2)_HEX	Total/NA	Solid	3060A	
MB 240-475871/9-A	Method Blank	Total/NA	Solid	3060A	
LCSI 240-475871/11-A	Lab Control Sample	Total/NA	Solid	3060A	
LCSS 240-475871/10-A	Lab Control Sample	Total/NA	Solid	3060A	

Analysis Batch: 475897

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
240-144901-5	SB-35 (0-2)_HEX	Total/NA	Solid	7196A	475871
240-144901-10	SB-34 (0-2)_HEX	Total/NA	Solid	7196A	475871
MB 240-475871/9-A	Method Blank	Total/NA	Solid	7196A	475871
LCSI 240-475871/11-A	Lab Control Sample	Total/NA	Solid	7196A	475871
LCSS 240-475871/10-A	Lab Control Sample	Total/NA	Solid	7196A	475871

Lab Chronicle

Client: TRC Environmental Corporation.
Project/Site: OVAP - ABB 2019 \ 2020

Job ID: 240-144901-1

Client Sample ID: SB-35 (0-2)
Lab Sample ID: 240-144901-1
Date Collected: 02/24/21 14:00
Matrix: Solid
Date Received: 02/24/21 17:10

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	Moisture		1	474687	02/26/21 13:53	AJ	TAL CAN

Client Sample ID: SB-35 (0-2)
Lab Sample ID: 240-144901-1
Date Collected: 02/24/21 14:00
Matrix: Solid
Date Received: 02/24/21 17:10
Percent Solids: 75.0

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			474557	02/25/21 20:31	LAM	TAL CAN
Total/NA	Analysis	8260B		1	474603	02/26/21 14:41	TJL2	TAL CAN

Client Sample ID: SB-35 (2-4)
Lab Sample ID: 240-144901-2
Date Collected: 02/24/21 13:50
Matrix: Solid
Date Received: 02/24/21 17:10

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	Moisture		1	474687	02/26/21 13:53	AJ	TAL CAN

Client Sample ID: SB-35 (2-4)
Lab Sample ID: 240-144901-2
Date Collected: 02/24/21 13:50
Matrix: Solid
Date Received: 02/24/21 17:10
Percent Solids: 77.5

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			474557	02/25/21 20:31	LAM	TAL CAN
Total/NA	Analysis	8260B		1.25	474603	02/26/21 15:05	TJL2	TAL CAN

Client Sample ID: SB-35 (4-6)
Lab Sample ID: 240-144901-3
Date Collected: 02/24/21 13:55
Matrix: Solid
Date Received: 02/24/21 17:10

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	Moisture		1	474687	02/26/21 13:53	AJ	TAL CAN

Client Sample ID: SB-35 (4-6)
Lab Sample ID: 240-144901-3
Date Collected: 02/24/21 13:55
Matrix: Solid
Date Received: 02/24/21 17:10
Percent Solids: 72.7

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			474557	02/25/21 20:31	LAM	TAL CAN
Total/NA	Analysis	8260B		1	474603	02/26/21 15:29	TJL2	TAL CAN

Client Sample ID: SB-35 (0-2)_HEX
Lab Sample ID: 240-144901-5
Date Collected: 02/24/21 13:45
Matrix: Solid
Date Received: 02/24/21 17:10

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	Moisture		1	474687	02/26/21 13:53	AJ	TAL CAN

Lab Chronicle

Client: TRC Environmental Corporation.
Project/Site: OVAP - ABB 2019 \ 2020

Job ID: 240-144901-1

Client Sample ID: SB-35 (0-2)_HEX — Lab Sample ID: 240-144901-5

Date Collected: 02/24/21 13:45 — **Matrix: Solid**
Date Received: 02/24/21 17:10 — **Percent Solids: 83.7**

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3050B			474682	02/26/21 13:00	DEE	TAL CAN
Total/NA	Analysis	6010B		1	475036	03/01/21 20:07	DSH	TAL CAN
Total/NA	Prep	7471A			474685	02/26/21 13:00	DEE	TAL CAN
Total/NA	Analysis	7471A		1	475270	03/02/21 12:07	SLD	TAL CAN
Total/NA	Prep	3060A			475871	03/08/21 10:45	JMB	TAL CAN
Total/NA	Analysis	7196A		2	475897	03/08/21 14:35	JMB	TAL CAN

Client Sample ID: SB-34 (0-2) — Lab Sample ID: 240-144901-6

Date Collected: 02/24/21 14:35 — **Matrix: Solid**
Date Received: 02/24/21 17:10

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	Moisture		1	474687	02/26/21 13:53	AJ	TAL CAN

Client Sample ID: SB-34 (0-2) — Lab Sample ID: 240-144901-6

Date Collected: 02/24/21 14:35 — **Matrix: Solid**
Date Received: 02/24/21 17:10 — **Percent Solids: 80.1**

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			474557	02/25/21 20:31	LAM	TAL CAN
Total/NA	Analysis	8260B		1	474603	02/26/21 15:54	TJL2	TAL CAN

Client Sample ID: SB-34 (2-4) — Lab Sample ID: 240-144901-7

Date Collected: 02/24/21 14:40 — **Matrix: Solid**
Date Received: 02/24/21 17:10

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	Moisture		1	474687	02/26/21 13:53	AJ	TAL CAN

Client Sample ID: SB-34 (2-4) — Lab Sample ID: 240-144901-7

Date Collected: 02/24/21 14:40 — **Matrix: Solid**
Date Received: 02/24/21 17:10 — **Percent Solids: 74.9**

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			474557	02/25/21 20:31	LAM	TAL CAN
Total/NA	Analysis	8260B		1	474603	02/26/21 16:17	TJL2	TAL CAN

Client Sample ID: SB-34 (4-6) — Lab Sample ID: 240-144901-8

Date Collected: 02/24/21 14:45 — **Matrix: Solid**
Date Received: 02/24/21 17:10

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	Moisture		1	474687	02/26/21 13:53	AJ	TAL CAN

Lab Chronicle

Client: TRC Environmental Corporation.
Project/Site: OVAP - ABB 2019 \ 2020

Job ID: 240-144901-1

Client Sample ID: SB-34 (4-6)
Lab Sample ID: 240-144901-8
Date Collected: 02/24/21 14:45
Matrix: Solid
Date Received: 02/24/21 17:10
Percent Solids: 72.6

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			474557	02/25/21 20:31	LAM	TAL CAN
Total/NA	Analysis	8260B		1	474603	02/26/21 16:41	TJL2	TAL CAN

Client Sample ID: SB-34 (0-2)_HEX
Lab Sample ID: 240-144901-10
Date Collected: 02/24/21 14:30
Matrix: Solid
Date Received: 02/24/21 17:10

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	Moisture		1	474687	02/26/21 13:53	AJ	TAL CAN

Client Sample ID: SB-34 (0-2)_HEX
Lab Sample ID: 240-144901-10
Date Collected: 02/24/21 14:30
Matrix: Solid
Date Received: 02/24/21 17:10
Percent Solids: 84.7

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3050B			474682	02/26/21 13:00	DEE	TAL CAN
Total/NA	Analysis	6010B		1	475036	03/01/21 20:11	DSH	TAL CAN
Total/NA	Prep	7471A			474685	02/26/21 13:00	DEE	TAL CAN
Total/NA	Analysis	7471A		1	475270	03/02/21 12:10	SLD	TAL CAN
Total/NA	Prep	3060A			475871	03/08/21 10:45	JMB	TAL CAN
Total/NA	Analysis	7196A		1	475897	03/08/21 14:31	JMB	TAL CAN

Client Sample ID: WCA01-01
Lab Sample ID: 240-144901-11
Date Collected: 02/24/21 15:00
Matrix: Solid
Date Received: 02/24/21 17:10

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
TCLP	Leach	1311			475353	03/03/21 18:00	DRJ	TAL CAN
TCLP	Analysis	8260B		1	475622	03/05/21 15:01	HMB	TAL CAN
TCLP	Leach	1311			474931	03/01/21 17:00	DRJ	TAL CAN
TCLP	Prep	3010A			475018	03/02/21 14:00	SLD	TAL CAN
TCLP	Analysis	6010B		1	475418	03/03/21 17:47	DSH	TAL CAN
TCLP	Leach	1311			474931	03/01/21 17:00	DRJ	TAL CAN
TCLP	Prep	7470A			475024	03/02/21 14:00	SLD	TAL CAN
TCLP	Analysis	7470A		1	475340	03/03/21 14:23	SLD	TAL CAN
Total/NA	Analysis	1010A		1	475848	03/08/21 10:38	TPH	TAL CAN
Total/NA	Analysis	9045D		1	474737	02/27/21 12:45	JR	TAL CAN
Total/NA	Analysis	Moisture		1	474687	02/26/21 13:53	AJ	TAL CAN

Client Sample ID: WCA01-01
Lab Sample ID: 240-144901-11
Date Collected: 02/24/21 15:00
Matrix: Solid
Date Received: 02/24/21 17:10
Percent Solids: 73.2

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			474559	02/25/21 10:15	LAM	TAL CAN
Total/NA	Analysis	8260B		1	474788	03/01/21 15:52	TJL2	TAL CAN

Lab Chronicle

Client: TRC Environmental Corporation.
Project/Site: OVAP - ABB 2019 \ 2020

Job ID: 240-144901-1

Client Sample ID: WCA01-01

Date Collected: 02/24/21 15:00
Date Received: 02/24/21 17:10

Lab Sample ID: 240-144901-11

Matrix: Solid
Percent Solids: 73.2

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	9012A			475542	03/04/21 20:09	AGC	TAL CAN
Total/NA	Analysis	9012A		1	475549	03/04/21 22:10	AGC	TAL CAN
Total/NA	Prep	9030B			475022	03/02/21 08:52	KLR	TAL CAN
Total/NA	Analysis	9034		1	475087	03/02/21 13:26	KLR	TAL CAN

Laboratory References:

TAL CAN = Eurofins TestAmerica, Canton, 4101 Shuffel Street NW, North Canton, OH 44720, TEL (330)497-9396

Accreditation/Certification Summary

Client: TRC Environmental Corporation.
Project/Site: OVAP - ABB 2019 \ 2020

Job ID: 240-144901-1

Laboratory: Eurofins TestAmerica, Canton

Unless otherwise noted, all analytes for this laboratory were covered under each accreditation/certification below.

Authority	Program	Identification Number	Expiration Date
Ohio VAP	State	CL0024	12-21-23

The following analytes are included in this report, but the laboratory is not certified by the governing authority. This list may include analytes for which the agency does not offer certification.

Analysis Method	Prep Method	Matrix	Analyte
1010A		Solid	Flashpoint
6010B	3010A	Solid	Arsenic
6010B	3010A	Solid	Barium
6010B	3010A	Solid	Cadmium
6010B	3010A	Solid	Chromium
6010B	3010A	Solid	Lead
6010B	3010A	Solid	Selenium
6010B	3010A	Solid	Silver
6010B	3050B	Solid	Arsenic
6010B	3050B	Solid	Barium
6010B	3050B	Solid	Cadmium
6010B	3050B	Solid	Chromium
6010B	3050B	Solid	Lead
6010B	3050B	Solid	Selenium
6010B	3050B	Solid	Silver
7470A	7470A	Solid	Mercury
8260B		Solid	1,1-Dichloroethene
8260B		Solid	1,2-Dichloroethane
8260B		Solid	2-Butanone (MEK)
8260B		Solid	Benzene
8260B		Solid	Carbon tetrachloride
8260B		Solid	Chlorobenzene
8260B		Solid	Chloroform
8260B		Solid	Tetrachloroethene
8260B		Solid	Trichloroethene
8260B		Solid	Vinyl chloride
8260B	5035	Solid	1,1,1-Trichloroethane
8260B	5035	Solid	1,1,2,2-Tetrachloroethane
8260B	5035	Solid	1,1,2-Trichloroethane
8260B	5035	Solid	1,1-Dichloroethane
8260B	5035	Solid	1,1-Dichloroethene
8260B	5035	Solid	1,2,4-Trichlorobenzene
8260B	5035	Solid	1,2-Dibromo-3-Chloropropane
8260B	5035	Solid	1,2-Dichlorobenzene
8260B	5035	Solid	1,2-Dichloroethane
8260B	5035	Solid	1,2-Dichloropropane
8260B	5035	Solid	1,3-Dichlorobenzene
8260B	5035	Solid	1,4-Dichlorobenzene
8260B	5035	Solid	1,4-Dioxane
8260B	5035	Solid	2-Butanone (MEK)
8260B	5035	Solid	2-Hexanone
8260B	5035	Solid	4-Methyl-2-pentanone (MIBK)
8260B	5035	Solid	Acetone
8260B	5035	Solid	Benzene
8260B	5035	Solid	Bromoform

Laboratory: Eurofins TestAmerica, Canton (Continued)

Unless otherwise noted, all analytes for this laboratory were covered under each accreditation/certification below.

Authority		Program		Identification Number	Expiration Date
Ohio VAP		State		CL0024	12-21-23
8260B	5035	Solid	Bromomethane		
8260B	5035	Solid	Carbon disulfide		
8260B	5035	Solid	Carbon tetrachloride		
8260B	5035	Solid	Chlorobenzene		
8260B	5035	Solid	Chlorodibromomethane		
8260B	5035	Solid	Chloroethane		
8260B	5035	Solid	Chloroform		
8260B	5035	Solid	Chloromethane		
8260B	5035	Solid	cis-1,2-Dichloroethene		
8260B	5035	Solid	cis-1,3-Dichloropropene		
8260B	5035	Solid	Dichlorobromomethane		
8260B	5035	Solid	Dichlorodifluoromethane		
8260B	5035	Solid	Ethylbenzene		
8260B	5035	Solid	Ethylene Dibromide		
8260B	5035	Solid	Isopropylbenzene		
8260B	5035	Solid	Methyl tert-butyl ether		
8260B	5035	Solid	Methylene Chloride		
8260B	5035	Solid	Naphthalene		
8260B	5035	Solid	Styrene		
8260B	5035	Solid	Tetrachloroethene		
8260B	5035	Solid	Toluene		
8260B	5035	Solid	trans-1,2-Dichloroethene		
8260B	5035	Solid	trans-1,3-Dichloropropene		
8260B	5035	Solid	Trichloroethene		
8260B	5035	Solid	Trichlorofluoromethane		
8260B	5035	Solid	Vinyl chloride		
8260B	5035	Solid	Xylenes, Total		
9012A	9012A	Solid	Cyanide, Total		
9034	9030B	Solid	Sulfide		
9034	9030B	Solid	Sulfide as H2S		
9045D		Solid	Corrosivity		
9045D		Solid	pH		
Moisture		Solid	Percent Moisture		
Moisture		Solid	Percent Solids		

Eurofins TestAmerica, Canton
4101 Shuffel Street NW
North Canton, OH 44720
Phone: 330-497-9396 Fax: 330-497-0772

3-4/3-5

Chain of Custody Record

eurofins | Environment Testing America

Client Information	Sampler: KENTON FOWLER	Lab PM: Howell, Leslie	Carrier Tracking No(s):	COC No: 240-77477-30888.1
Client Contact: Kathleen Teuscher	Phone: 513-675-5189	E-Mail: Leslie.Howell@Eurofinset.com	State of Origin:	Page: Page 1 of 12
Company: TRC Environmental Corporation	PWSID:			Job #:
Address: 1382 West Ninth Street Suite 400	Due Date Requested:			
City: Cleveland	TAT Requested (days):			
State, Zip: OH, 44113	Compliance Project: ∆ Yes ∆ No			
Phone:	PO #: Purchase Order Requested			
Email: kteuscher@trccompanies.com	WO #:			
Project Name: ABB 2019 \ 2020	Project #: 24024033			
Site:	SSOW#:			

Analysis Requested

Preservation Codes:
A - HCL, B - NaOH, C - Zn Acetate, D - Nitric Acid, E - NaHSO4, F - MeOH, G - Amchlor, H - Ascorbic Acid, I - Ice, J - DI Water, K - EDTA, L - EDA
M - Hexane, N - None, O - AsNaO2, P - Na2O4S, Q - Na2SO3, R - Na2S2O3, S - H2SO4, T - TSP Dodecahydrate, U - Acetone, V - MCAA, W - pH 4-5, Z - other (specify)
Other:

Sample Identification	Sample Date	Sample Time	Sample Type (C=comp, G=grab)	Matrix (W=water, S=solid, O=waste/oil, BT=Tissue, A=Air)	Field Filtered Sample (Yes or No)	Perform MS/MSD (Yes or No)	8260B - (MOD) TCL OLM03.1/4.2 Volatile Analyte L	6010B, 7196A	8260B - SPLP VOC	1010 - Ignitability	8260B - TCLP Volatiles	9012A, 9034_Calc, 9045C	6010B, 7470A	8260B - (MOD) TCL OLM03.1/4.2 Volatile Analyte L	Total Number of containers	Special Instructions/Note:
			Preservation Code:				N	N	N	N	N	N	N	A		
SB-35 (0-2)	2/24/21	1400	G	Solid			1								1	
SB-35 (2-4)		1350	G	Solid			1								1	
SB-35 (4-6)		1355	G	Solid			1								1	
SB-35		1355	C	Solid				~~1~~ KPF	1						2	HEX - SAMPLE TIME
SB-35 (0-2)_HEX		1345	G	Solid				1							1	1345 (0-2')
SB-34 (0-2)		1435	G	Solid			1									
SB-34 (2-4)		1440	G	Solid			1									HOLD SPLP-VOC
SB-34 (4-6)		1445	G	Solid			1									PENDING VOC
SB-34		1445	C	Solid					1							ANALYSIS
SB-34 (0-2)_HEX		1430	G	Solid				1								
WCA01-01	2/24/21	1500	C	Solid			1			1	1	1	1		5	VAP CERTIFIED DATA

240-144901 Chain of Custody

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

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

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

Special Instructions/QC Requirements:

Empty Kit Relinquished by:	Date:	Time:	Method of Shipment:		
Relinquished by: Kenton Fowler	Date/Time: 2/24/21 -	Company: TRC	Received by: [signature]	Date/Time: 2-24-21 1710	Company: ETA
Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company
Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company

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

Ver: 11.01.2020

Eurofins TestAmerica Canton Sample Receipt Form/Narrative **Login # :** 144901
Canton Facility

Client TRC Site Name _____ Cooler unpacked by: Adam Garrett

Cooler Received on 2-24-21 Opened on 2-25-21

FedEx: 1st Grd Exp UPS FAS Clipper Client Drop Off TestAmerica Courier Other _____

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

TestAmerica Cooler # T4 Foam Box Client Cooler Box Other _____

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

COOLANT: Wet Ice Blue Ice Dry Ice Water None

1. Cooler temperature upon receipt ☒ See Multiple Cooler Form
   IR GUN# IR-11 (CF +0.1 °C) Observed Cooler Temp._____°C Corrected Cooler Temp._____°C
   IR GUN #IR-12 (CF +0.2°C) Observed Cooler Temp._____°C Corrected Cooler Temp._____°C
2. Were tamper/custody seals on the outside of the cooler(s)? If Yes Quantity 0 Yes No
   -Were the seals on the outside of the cooler(s) signed & dated? Yes No NA
   -Were tamper/custody seals on the bottle(s) or bottle kits (LLHg/MeHg)? Yes No
   -Were tamper/custody seals intact and uncompromised? Yes No NA
3. Shippers' packing slip attached to the cooler(s)? Yes No
4. Did custody papers accompany the sample(s)? Yes No
5. Were the custody papers relinquished & signed in the appropriate place? Yes No
6. Was/were the person(s) who collected the samples clearly identified on the COC? Yes No
7. Did all bottles arrive in good condition (Unbroken)? Yes No
8. Could all bottle labels (ID/Date/Time) be reconciled with the COC? Yes No
9. For each sample, does the COC specify preservatives (Y/N), # of containers (Y/N), and sample type of grab/comp(Y/N)?
10. Were correct bottle(s) used for the test(s) indicated? Yes No
11. Sufficient quantity received to perform indicated analyses? Yes No
12. Are these work share samples and all listed on the COC? Yes No
    If yes, Questions 13-17 have been checked at the originating laboratory.
13. Were all preserved sample(s) at the correct pH upon receipt? Yes No NA pH Strip Lot# **HC907861**
14. Were VOAs on the COC? Yes No
15. Were air bubbles >6 mm in any VOA vials? ● ⬅ Larger than this. Yes No NA
16. Was a VOA trip blank present in the cooler(s)? Trip Blank Lot #_____ Yes No
17. Was a LL Hg or Me Hg trip blank present? _____ Yes No

Tests that are not checked for pH by Receiving:

VOAs
Oil and Grease
TOC

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

Concerning _____

18. CHAIN OF CUSTODY & SAMPLE DISCREPANCIES ☐ additional next page

Samples processed by:

19. SAMPLE CONDITION

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

Sample(s) _____ were received in a broken container.

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

20. SAMPLE PRESERVATION

Sample(s) _____ were further preserved in the laboratory.

Time preserved: ~~1015~~ Preservative(s) added/Lot number(s): _____

VOA Sample Preservation - Date/Time VOAs Frozen: 2-25-21/ 1015

WI-NC-099

Login # : 144901

Eurofins TestAmerica Canton Sample Receipt Multiple Cooler Form				
Cooler Description (Circle)	IR Gun # (Circle)	Observed Temp °C	Corrected Temp °C	Coolant (Circle)
TA Client Box Other	IR-11 IR-12	3.4	3.5	Wet Ice Blue Ice Dry Ice Water None
TA Client Box Other	IR-11 IR-12	4.8	4.9	Wet Ice Blue Ice Dry Ice Water None
TA Client Box Other	IR-11 IR-12			Wet Ice Blue Ice Dry Ice Water None
TA Client Box Other	IR-11 IR-12			Wet Ice Blue Ice Dry Ice Water None
TA Client Box Other	IR-11 IR-12			Wet Ice Blue Ice Dry Ice Water None
TA Client Box Other	IR-11 IR-12			Wet Ice Blue Ice Dry Ice Water None
TA Client Box Other	IR-11 IR-12			Wet Ice Blue Ice Dry Ice Water None
TA Client Box Other	IR-11 IR-12			Wet Ice Blue Ice Dry Ice Water None
TA Client Box Other	IR-11 IR-12			Wet Ice Blue Ice Dry Ice Water None
TA Client Box Other	IR-11 IR-12			Wet Ice Blue Ice Dry Ice Water None
TA Client Box Other	IR-11 IR-12			Wet Ice Blue Ice Dry Ice Water None
TA Client Box Other	IR-11 IR-12			Wet Ice Blue Ice Dry Ice Water None
TA Client Box Other	IR-11 IR-12			Wet Ice Blue Ice Dry Ice Water None
TA Client Box Other	IR-11 IR-12			Wet Ice Blue Ice Dry Ice Water None
TA Client Box Other	IR-11 IR-12			Wet Ice Blue Ice Dry Ice Water None
TA Client Box Other	IR-11 IR-12			Wet Ice Blue Ice Dry Ice Water None
TA Client Box Other	IR-11 IR-12			Wet Ice Blue Ice Dry Ice Water None
TA Client Box Other	IR-11 IR-12			Wet Ice Blue Ice Dry Ice Water None
TA Client Box Other	IR-11 IR-12			Wet Ice Blue Ice Dry Ice Water None
TA Client Box Other	IR-11 IR-12			Wet Ice Blue Ice Dry Ice Water None
TA Client Box Other	IR-11 IR-12			Wet Ice Blue Ice Dry Ice Water None
TA Client Box Other	IR-11 IR-12			Wet Ice Blue Ice Dry Ice Water None
TA Client Box Other	IR-11 IR-12			Wet Ice Blue Ice Dry Ice Water None
TA Client Box Other	IR-11 IR-12			Wet Ice Blue Ice Dry Ice Water None
TA Client Box Other	IR-11 IR-12			Wet Ice Blue Ice Dry Ice Water None
TA Client Box Other	IR-11 IR-12			Wet Ice Blue Ice Dry Ice Water None
TA Client Box Other	IR-11 IR-12			Wet Ice Blue Ice Dry Ice Water None
TA Client Box Other	IR-11 IR-12			Wet Ice Blue Ice Dry Ice Water None
TA Client Box Other	IR-11 IR-12			Wet Ice Blue Ice Dry Ice Water None
TA Client Box Other	IR-11 IR-12			Wet Ice Blue Ice Dry Ice Water None
TA Client Box Other	IR-11 IR-12			Wet Ice Blue Ice Dry Ice Water None
TA Client Box Other	IR-11 IR-12			Wet Ice Blue Ice Dry Ice Water None
				☐ See Temperature Excursion Form

WI-NC-099 Cooler Receipt Form Page 2 - Multiple Coolers

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ANALYTICAL REPORT

Eurofins TestAmerica, Canton
4101 Shuffel Street NW
North Canton, OH 44720
Tel: (330)497-9396

Laboratory Job ID: 240-144901-3
Client Project/Site: ABB 2019 \ 2020

For:
TRC Environmental Corporation.
690 Taylor Road
Suite 100
Gahanna, Ohio 43230

Attn: Mr. David Kreeger

Patrick O'Meara

Authorized for release by:
3/16/2021 4:50:13 PM

Patrick O'Meara, Manager of Project Management
(330)966-5725
patrick.o'meara@eurofinset.com

LINKS

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Have a Question? Ask The Expert

Visit us at: www.eurofinsus.com/Env

This report has been electronically signed and authorized by the signatory. Electronic signature is intended to be the legally binding equivalent of a traditionally handwritten signature.

Results relate only to the items tested and the sample(s) as received by the laboratory.

Table of Contents

Cover Page 1
Table of Contents 2
Definitions/Glossary 3
Case Narrative 4
Method Summary 6
Sample Summary 7
Detection Summary 8
Client Sample Results 9
Surrogate Summary 11
QC Sample Results 12
QC Association Summary 15
Lab Chronicle 16
Certification Summary 17
Chain of Custody 19

Definitions/Glossary

Client: TRC Environmental Corporation.
Project/Site: ABB 2019 \ 2020

Job ID: 240-144901-3

Qualifiers

GC/MS VOA

Qualifier	Qualifier Description
B	Compound was found in the blank and sample.
J	Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.

Glossary

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

Job ID: 240-144901-3

Laboratory: Eurofins TestAmerica, Canton

Narrative

CASE NARRATIVE

Client: TRC Environmental Corporation.

Project: ABB 2019 2020

Report Number: 240-144901-3

With the exceptions noted as flags or footnotes, standard analytical protocols were followed in the analysis of the samples and no problems were encountered or anomalies observed. In addition all laboratory quality control samples were within established control limits, with any exceptions noted below. Each sample was analyzed to achieve the lowest possible reporting limit within the constraints of the method. In some cases, due to interference or analytes present at high concentrations, samples were diluted. For diluted samples, the reporting limits are adjusted relative to the dilution required.

Eurofins TestAmerica, Canton attests to the validity of the laboratory data generated by Eurofins TestAmerica facilities reported herein. All analyses performed by Eurofins TestAmerica facilities were done using established laboratory SOPs that incorporate QA/QC procedures described in the application methods. Eurofins TestAmerica's operations groups have reviewed the data for compliance with the laboratory QA/QC plan, and data have been found to be compliant with laboratory protocols unless otherwise noted below.

The test results in this report meet all NELAP requirements for parameters for which accreditation is required or available. Any exceptions to NELAP requirements are noted in this report. Pursuant to NELAP, this report may not be reproduced, except in full, without the written approval of the laboratory.

Calculations are performed before rounding to avoid round-off errors in calculated results.

All holding times were met and proper preservation noted for the methods performed on these samples, unless otherwise detailed in the individual sections below.

All solid sample results are reported on an "as received" basis unless otherwise indicated by the presence of a % solids value in the method header.

This laboratory report is confidential and is intended for the sole use of Eurofins TestAmerica and its client.

RECEIPT
The samples were received on 2/24/2021 5:10 PM. Unless otherwise noted below, the samples arrived in good condition, and where required, properly preserved and on ice. The temperatures of the 2 coolers at receipt time were 3.5º C and 4.9º C.

SPLP VOLATILE ORGANIC COMPOUNDS (GCMS)
Sample SB-35 (240-144901-4) was analyzed for SPLP volatile organic compounds (GCMS) in accordance with EPA SW-846 Methods 1312/8260B. The samples were leached on 03/08/2021 and analyzed on 03/12/2021.

Acetone was detected in method blank LB 240-475925/1-A at a level that was above the method detection limit but below the reporting limit. The value should be considered an estimate, and has been flagged. If the associated sample reported a result above the MDL and/or RL, the result has been flagged.

Sample SB-35 (240-144901-4)[4X] required dilution prior to analysis. The reporting limits have been adjusted accordingly.

Insufficient sample volume was available to perform a matrix spike/matrix spike duplicate (MS/MSD) associated with preparation batch 240-475925 and analytical batch 240-476637.

The initial calibration (ICAL) did not pass the method calibration acceptance criteria for 1,4-dioxane, and chloroethane. This variance only

Job ID: 240-144901-3 (Continued)

Laboratory: Eurofins TestAmerica, Canton (Continued)

affects results measured above the reporting limit. A CCV standard at or below the reporting limit (RL) was analyzed with the samples and found to be acceptable. This demonstrates the reporting limit is valid for the affected analytes. The samples associated with the ICAL were non-detects for the affected analytes; therefore, the results have been reported. The following samples are impacted: SB-35 (240-144901-4) and (CCVIS 240-476637/4).

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

Method Summary

Client: TRC Environmental Corporation.
Project/Site: ABB 2019 \ 2020

Job ID: 240-144901-3

Method	Method Description	Protocol	Laboratory
8260B	Volatile Organic Compounds (GC/MS)	SW846	TAL CAN
1312	SPLP Extraction	SW846	TAL CAN
5030B	Purge and Trap	SW846	TAL CAN

Protocol References:

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

Laboratory References:

TAL CAN = Eurofins TestAmerica, Canton, 4101 Shuffel Street NW, North Canton, OH 44720, TEL (330)497-9396

Sample Summary

Client: TRC Environmental Corporation.
Project/Site: ABB 2019 \ 2020

Job ID: 240-144901-3

Lab Sample ID	Client Sample ID	Matrix	Collected	Received	Asset ID
240-144901-4	SB-35	Solid	02/24/21 13:55	02/24/21 17:10	

Detection Summary

Client: TRC Environmental Corporation.
Project/Site: ABB 2019 \ 2020

Job ID: 240-144901-3

Client Sample ID: SB-35

Lab Sample ID: 240-144901-4

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Acetone	99	B	40	22	ug/L	4		8260B	SPLP
2-Butanone (MEK)	15	J	40	4.6	ug/L	4		8260B	SPLP
cis-1,2-Dichloroethene	1.0	J	4.0	0.64	ug/L	4		8260B	SPLP
1,1-Dichloroethane	5.3		4.0	0.68	ug/L	4		8260B	SPLP
1,2-Dichloroethane	0.89	J	4.0	0.84	ug/L	4		8260B	SPLP
1,1-Dichloroethene	1.0	J	4.0	0.76	ug/L	4		8260B	SPLP
Ethylbenzene	2.2	J	4.0	0.44	ug/L	4		8260B	SPLP
4-Methyl-2-pentanone (MIBK)	7.5	J	40	1.7	ug/L	4		8260B	SPLP
Toluene	120		4.0	0.56	ug/L	4		8260B	SPLP
1,1,1-Trichloroethane	2.1	J	4.0	0.96	ug/L	4		8260B	SPLP
1,1,2-Trichloroethane	7.2		4.0	0.36	ug/L	4		8260B	SPLP
Trichloroethene	7.6		4.0	0.40	ug/L	4		8260B	SPLP
Xylenes, Total	11		8.0	0.60	ug/L	4		8260B	SPLP

This Detection Summary does not include radiochemical test results.

Client Sample Results

Client: TRC Environmental Corporation.
Project/Site: ABB 2019 \ 2020

Job ID: 240-144901-3

Client Sample ID: SB-35

Date Collected: 02/24/21 13:55
Date Received: 02/24/21 17:10

Lab Sample ID: 240-144901-4

Matrix: Solid

Method: 8260B - Volatile Organic Compounds (GC/MS) - SPLP

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	**99**	**B**	40	22	ug/L			03/12/21 19:10	4
Benzene	<0.52		4.0	0.52	ug/L			03/12/21 19:10	4
Bromoform	<3.0		4.0	3.0	ug/L			03/12/21 19:10	4
Bromomethane	<1.7		4.0	1.7	ug/L			03/12/21 19:10	4
2-Butanone (MEK)	**15**	**J**	40	4.6	ug/L			03/12/21 19:10	4
Carbon disulfide	<1.1		4.0	1.1	ug/L			03/12/21 19:10	4
Carbon tetrachloride	<1.0		4.0	1.0	ug/L			03/12/21 19:10	4
Chlorobenzene	<0.56		4.0	0.56	ug/L			03/12/21 19:10	4
Chlorodibromomethane	<1.6		4.0	1.6	ug/L			03/12/21 19:10	4
Chloroethane	<3.3		4.0	3.3	ug/L			03/12/21 19:10	4
Chloroform	<0.52		4.0	0.52	ug/L			03/12/21 19:10	4
Chloromethane	<0.80		4.0	0.80	ug/L			03/12/21 19:10	4
cis-1,2-Dichloroethene	**1.0**	**J**	4.0	0.64	ug/L			03/12/21 19:10	4
cis-1,3-Dichloropropene	<2.4		4.0	2.4	ug/L			03/12/21 19:10	4
1,2-Dibromo-3-Chloropropane	<3.6		8.0	3.6	ug/L			03/12/21 19:10	4
1,2-Dichlorobenzene	<0.60		4.0	0.60	ug/L			03/12/21 19:10	4
1,3-Dichlorobenzene	<0.60		4.0	0.60	ug/L			03/12/21 19:10	4
1,4-Dichlorobenzene	<0.64		4.0	0.64	ug/L			03/12/21 19:10	4
Dichlorobromomethane	<0.68		4.0	0.68	ug/L			03/12/21 19:10	4
Dichlorodifluoromethane	<1.4		4.0	1.4	ug/L			03/12/21 19:10	4
1,1-Dichloroethane	**5.3**		4.0	0.68	ug/L			03/12/21 19:10	4
1,2-Dichloroethane	**0.89**	**J**	4.0	0.84	ug/L			03/12/21 19:10	4
1,1-Dichloroethene	**1.0**	**J**	4.0	0.76	ug/L			03/12/21 19:10	4
1,2-Dichloropropane	<0.60		4.0	0.60	ug/L			03/12/21 19:10	4
1,4-Dioxane	<51		200	51	ug/L			03/12/21 19:10	4
Ethylbenzene	**2.2**	**J**	4.0	0.44	ug/L			03/12/21 19:10	4
Ethylene Dibromide	<0.48		4.0	0.48	ug/L			03/12/21 19:10	4
2-Hexanone	<2.2		40	2.2	ug/L			03/12/21 19:10	4
Isopropylbenzene	<0.36		4.0	0.36	ug/L			03/12/21 19:10	4
Methylene Chloride	<10		20	10	ug/L			03/12/21 19:10	4
4-Methyl-2-pentanone (MIBK)	**7.5**	**J**	40	1.7	ug/L			03/12/21 19:10	4
Methyl tert-butyl ether	<0.28		4.0	0.28	ug/L			03/12/21 19:10	4
Naphthalene	<1.3		4.0	1.3	ug/L			03/12/21 19:10	4
Styrene	<0.40		4.0	0.40	ug/L			03/12/21 19:10	4
1,1,2,2-Tetrachloroethane	<0.52		4.0	0.52	ug/L			03/12/21 19:10	4
Tetrachloroethene	<0.60		4.0	0.60	ug/L			03/12/21 19:10	4
Toluene	**120**		4.0	0.56	ug/L			03/12/21 19:10	4
trans-1,2-Dichloroethene	<0.76		4.0	0.76	ug/L			03/12/21 19:10	4
trans-1,3-Dichloropropene	<2.7		4.0	2.7	ug/L			03/12/21 19:10	4
1,2,4-Trichlorobenzene	<1.0		4.0	1.0	ug/L			03/12/21 19:10	4
1,1,1-Trichloroethane	**2.1**	**J**	4.0	0.96	ug/L			03/12/21 19:10	4
1,1,2-Trichloroethane	**7.2**		4.0	0.36	ug/L			03/12/21 19:10	4
Trichloroethene	**7.6**		4.0	0.40	ug/L			03/12/21 19:10	4
Trichlorofluoromethane	<1.8		4.0	1.8	ug/L			03/12/21 19:10	4
Vinyl chloride	<0.80		4.0	0.80	ug/L			03/12/21 19:10	4
Xylenes, Total	**11**		8.0	0.60	ug/L			03/12/21 19:10	4

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*102*		*47 - 134*		*03/12/21 19:10*	*4*
Dibromofluoromethane (Surr)	*83*		*78 - 129*		*03/12/21 19:10*	*4*

Client Sample Results

Client: TRC Environmental Corporation.
Project/Site: ABB 2019 \ 2020

Job ID: 240-144901-3

Client Sample ID: SB-35

Date Collected: 02/24/21 13:55
Date Received: 02/24/21 17:10

Lab Sample ID: 240-144901-4

Matrix: Solid

Method: 8260B - Volatile Organic Compounds (GC/MS) - SPLP (Continued)

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	91		75 - 130		03/12/21 19:10	4
Toluene-d8 (Surr)	100		69 - 122		03/12/21 19:10	4

Surrogate Summary

Client: TRC Environmental Corporation.
Project/Site: ABB 2019 \ 2020

Job ID: 240-144901-3

Method: 8260B - Volatile Organic Compounds (GC/MS)

Matrix: Solid **Prep Type: Total/NA**

		Percent Surrogate Recovery (Acceptance Limits)			
		BFB	DBFM	DCA	TOL
Lab Sample ID	Client Sample ID	(47-134)	(78-129)	(75-130)	(69-122)
LCS 240-476637/5	Lab Control Sample	105	87	90	103

Surrogate Legend

BFB = 4-Bromofluorobenzene (Surr)
DBFM = Dibromofluoromethane (Surr)
DCA = 1,2-Dichloroethane-d4 (Surr)
TOL = Toluene-d8 (Surr)

Method: 8260B - Volatile Organic Compounds (GC/MS)

Matrix: Solid **Prep Type: SPLP**

		Percent Surrogate Recovery (Acceptance Limits)			
		BFB	DBFM	DCA	TOL
Lab Sample ID	Client Sample ID	(47-134)	(78-129)	(75-130)	(69-122)
240-144901-4	SB-35	102	83	91	100
LB 240-475925/1-A MB	Method Blank	108	89	97	107

Surrogate Legend

BFB = 4-Bromofluorobenzene (Surr)
DBFM = Dibromofluoromethane (Surr)
DCA = 1,2-Dichloroethane-d4 (Surr)
TOL = Toluene-d8 (Surr)

QC Sample Results

Client: TRC Environmental Corporation.
Project/Site: ABB 2019 \ 2020

Job ID: 240-144901-3

Method: 8260B - Volatile Organic Compounds (GC/MS)

Lab Sample ID: LCS 240-476637/5
Matrix: Solid
Analysis Batch: 476637

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

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Acetone	40.0	24.0		ug/L		60	33 - 155
Benzene	20.0	18.9		ug/L		95	77 - 123
Bromoform	20.0	20.6		ug/L		103	47 - 133
Bromomethane	20.0	14.5		ug/L		73	48 - 144
2-Butanone (MEK)	40.0	33.6		ug/L		84	41 - 151
Carbon disulfide	20.0	16.9		ug/L		84	67 - 127
Carbon tetrachloride	20.0	19.3		ug/L		97	61 - 142
Chlorobenzene	20.0	20.9		ug/L		104	80 - 120
Chlorodibromomethane	20.0	21.6		ug/L		108	75 - 120
Chloroethane	20.0	16.0		ug/L		80	41 - 147
Chloroform	20.0	18.4		ug/L		92	74 - 127
Chloromethane	20.0	18.5		ug/L		93	46 - 148
cis-1,2-Dichloroethene	20.0	19.1		ug/L		96	75 - 124
cis-1,3-Dichloropropene	20.0	20.8		ug/L		104	68 - 128
1,2-Dibromo-3-Chloropropane	20.0	20.7		ug/L		104	34 - 136
1,2-Dichlorobenzene	20.0	20.6		ug/L		103	74 - 120
1,3-Dichlorobenzene	20.0	21.7		ug/L		108	74 - 120
1,4-Dichlorobenzene	20.0	21.3		ug/L		106	75 - 120
Dichlorobromomethane	20.0	20.1		ug/L		100	73 - 122
Dichlorodifluoromethane	20.0	17.3		ug/L		87	35 - 137
1,1-Dichloroethane	20.0	19.3		ug/L		96	74 - 126
1,2-Dichloroethane	20.0	18.5		ug/L		93	66 - 129
1,1-Dichloroethene	20.0	18.6		ug/L		93	73 - 129
1,2-Dichloropropane	20.0	20.5		ug/L		102	79 - 127
1,4-Dioxane	400	232		ug/L		58	10 - 172
Ethylbenzene	20.0	21.1		ug/L		106	80 - 120
Ethylene Dibromide	20.0	21.0		ug/L		105	73 - 120
2-Hexanone	40.0	44.6		ug/L		111	43 - 142
Isopropylbenzene	20.0	21.6		ug/L		108	73 - 123
Methylene Chloride	20.0	19.1		ug/L		95	63 - 134
4-Methyl-2-pentanone (MIBK)	40.0	39.5		ug/L		99	43 - 145
Methyl tert-butyl ether	20.0	17.8		ug/L		89	57 - 127
m-Xylene & p-Xylene	20.0	21.3		ug/L		106	79 - 121
Naphthalene	20.0	20.9		ug/L		105	28 - 130
o-Xylene	20.0	21.1		ug/L		106	75 - 123
Styrene	20.0	21.8		ug/L		109	75 - 121
1,1,2,2-Tetrachloroethane	20.0	23.1		ug/L		116	45 - 151
Tetrachloroethene	20.0	19.8		ug/L		99	70 - 125
Toluene	20.0	21.2		ug/L		106	79 - 122
trans-1,2-Dichloroethene	20.0	19.3		ug/L		96	74 - 130
trans-1,3-Dichloropropene	20.0	22.1		ug/L		111	64 - 120
1,2,4-Trichlorobenzene	20.0	20.4		ug/L		102	47 - 120
1,1,1-Trichloroethane	20.0	19.5		ug/L		98	65 - 141
1,1,2-Trichloroethane	20.0	20.8		ug/L		104	79 - 121
Trichloroethene	20.0	18.3		ug/L		91	71 - 121
Trichlorofluoromethane	20.0	15.9		ug/L		80	52 - 148
Vinyl chloride	20.0	19.5		ug/L		97	61 - 134
Xylenes, Total	40.0	42.4		ug/L		106	78 - 122

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: LCS 240-476637/5
Matrix: Solid
Analysis Batch: 476637

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

Surrogate	LCS %Recovery	LCS Qualifier	Limits
4-Bromofluorobenzene (Surr)	*105*		*47 - 134*
Dibromofluoromethane (Surr)	*87*		*78 - 129*
1,2-Dichloroethane-d4 (Surr)	*90*		*75 - 130*
Toluene-d8 (Surr)	*103*		*69 - 122*

Lab Sample ID: LB 240-475925/1-A MB
Matrix: Solid
Analysis Batch: 476462

Client Sample ID: Method Blank
Prep Type: SPLP

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	8.44	J	10	5.4	ug/L			03/12/21 00:14	1
Benzene	<0.13		1.0	0.13	ug/L			03/12/21 00:14	1
Bromoform	<0.76		1.0	0.76	ug/L			03/12/21 00:14	1
Bromomethane	<0.42		1.0	0.42	ug/L			03/12/21 00:14	1
2-Butanone (MEK)	<1.2		10	1.2	ug/L			03/12/21 00:14	1
Carbon disulfide	<0.28		1.0	0.28	ug/L			03/12/21 00:14	1
Carbon tetrachloride	<0.26		1.0	0.26	ug/L			03/12/21 00:14	1
Chlorobenzene	<0.14		1.0	0.14	ug/L			03/12/21 00:14	1
Chlorodibromomethane	<0.39		1.0	0.39	ug/L			03/12/21 00:14	1
Chloroethane	<0.83		1.0	0.83	ug/L			03/12/21 00:14	1
Chloroform	<0.13		1.0	0.13	ug/L			03/12/21 00:14	1
Chloromethane	<0.20		1.0	0.20	ug/L			03/12/21 00:14	1
cis-1,2-Dichloroethene	<0.16		1.0	0.16	ug/L			03/12/21 00:14	1
cis-1,3-Dichloropropene	<0.61		1.0	0.61	ug/L			03/12/21 00:14	1
1,2-Dibromo-3-Chloropropane	<0.91		2.0	0.91	ug/L			03/12/21 00:14	1
1,2-Dichlorobenzene	<0.15		1.0	0.15	ug/L			03/12/21 00:14	1
1,3-Dichlorobenzene	<0.15		1.0	0.15	ug/L			03/12/21 00:14	1
1,4-Dichlorobenzene	<0.16		1.0	0.16	ug/L			03/12/21 00:14	1
Dichlorobromomethane	<0.17		1.0	0.17	ug/L			03/12/21 00:14	1
Dichlorodifluoromethane	<0.35		1.0	0.35	ug/L			03/12/21 00:14	1
1,1-Dichloroethane	<0.17		1.0	0.17	ug/L			03/12/21 00:14	1
1,2-Dichloroethane	<0.21		1.0	0.21	ug/L			03/12/21 00:14	1
1,1-Dichloroethene	<0.19		1.0	0.19	ug/L			03/12/21 00:14	1
1,2-Dichloropropane	<0.15		1.0	0.15	ug/L			03/12/21 00:14	1
1,4-Dioxane	<13		50	13	ug/L			03/12/21 00:14	1
Ethylbenzene	<0.11		1.0	0.11	ug/L			03/12/21 00:14	1
Ethylene Dibromide	<0.12		1.0	0.12	ug/L			03/12/21 00:14	1
2-Hexanone	<0.54		10	0.54	ug/L			03/12/21 00:14	1
Isopropylbenzene	<0.090		1.0	0.090	ug/L			03/12/21 00:14	1
Methylene Chloride	<2.6		5.0	2.6	ug/L			03/12/21 00:14	1
4-Methyl-2-pentanone (MIBK)	<0.42		10	0.42	ug/L			03/12/21 00:14	1
Methyl tert-butyl ether	<0.070		1.0	0.070	ug/L			03/12/21 00:14	1
Naphthalene	<0.32		1.0	0.32	ug/L			03/12/21 00:14	1
Styrene	<0.10		1.0	0.10	ug/L			03/12/21 00:14	1
1,1,2,2-Tetrachloroethane	<0.13		1.0	0.13	ug/L			03/12/21 00:14	1
Tetrachloroethene	<0.15		1.0	0.15	ug/L			03/12/21 00:14	1
Toluene	<0.14		1.0	0.14	ug/L			03/12/21 00:14	1
trans-1,2-Dichloroethene	<0.19		1.0	0.19	ug/L			03/12/21 00:14	1

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: LB 240-475925/1-A MB
Matrix: Solid
Analysis Batch: 476462

Client Sample ID: Method Blank
Prep Type: SPLP

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
trans-1,3-Dichloropropene	<0.67		1.0	0.67	ug/L			03/12/21 00:14	1
1,2,4-Trichlorobenzene	<0.26		1.0	0.26	ug/L			03/12/21 00:14	1
1,1,1-Trichloroethane	<0.24		1.0	0.24	ug/L			03/12/21 00:14	1
1,1,2-Trichloroethane	<0.090		1.0	0.090	ug/L			03/12/21 00:14	1
Trichloroethene	<0.10		1.0	0.10	ug/L			03/12/21 00:14	1
Trichlorofluoromethane	<0.45		1.0	0.45	ug/L			03/12/21 00:14	1
Vinyl chloride	<0.20		1.0	0.20	ug/L			03/12/21 00:14	1
Xylenes, Total	<0.15		2.0	0.15	ug/L			03/12/21 00:14	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*108*		*47 - 134*		*03/12/21 00:14*	*1*
Dibromofluoromethane (Surr)	*89*		*78 - 129*		*03/12/21 00:14*	*1*
1,2-Dichloroethane-d4 (Surr)	*97*		*75 - 130*		*03/12/21 00:14*	*1*
Toluene-d8 (Surr)	*107*		*69 - 122*		*03/12/21 00:14*	*1*

QC Association Summary

Client: TRC Environmental Corporation.
Project/Site: ABB 2019 \ 2020

Job ID: 240-144901-3

GC/MS VOA

Leach Batch: 475925

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
240-144901-4	SB-35	SPLP	Solid	1312	
LB 240-475925/1-A MB	Method Blank	SPLP	Solid	1312	

Analysis Batch: 476462

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
LB 240-475925/1-A MB	Method Blank	SPLP	Solid	8260B	475925

Analysis Batch: 476637

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
240-144901-4	SB-35	SPLP	Solid	8260B	475925
LCS 240-476637/5	Lab Control Sample	Total/NA	Solid	8260B	

Lab Chronicle

Client: TRC Environmental Corporation.
Project/Site: ABB 2019 \ 2020

Job ID: 240-144901-3

Client Sample ID: SB-35

Date Collected: 02/24/21 13:55
Date Received: 02/24/21 17:10

Lab Sample ID: 240-144901-4

Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
SPLP	Leach	1312			475925	03/08/21 17:05	DRJ	TAL CAN
SPLP	Analysis	8260B		4	476637	03/12/21 19:10	TJL1	TAL CAN

Laboratory References:

TAL CAN = Eurofins TestAmerica, Canton, 4101 Shuffel Street NW, North Canton, OH 44720, TEL (330)497-9396

Accreditation/Certification Summary

Client: TRC Environmental Corporation.
Project/Site: ABB 2019 \ 2020

Job ID: 240-144901-3

Laboratory: Eurofins TestAmerica, Canton

Unless otherwise noted, all analytes for this laboratory were covered under each accreditation/certification below.

Authority	Program	Identification Number	Expiration Date
Ohio VAP	State	CL0024	12-21-23

The following analytes are included in this report, but the laboratory is not certified by the governing authority. This list may include analytes for which the agency does not offer certification.

Analysis Method	Prep Method	Matrix	Analyte
8260B		Solid	1,1,1-Trichloroethane
8260B		Solid	1,1,2,2-Tetrachloroethane
8260B		Solid	1,1,2-Trichloroethane
8260B		Solid	1,1-Dichloroethane
8260B		Solid	1,1-Dichloroethene
8260B		Solid	1,2,4-Trichlorobenzene
8260B		Solid	1,2-Dibromo-3-Chloropropane
8260B		Solid	1,2-Dichlorobenzene
8260B		Solid	1,2-Dichloroethane
8260B		Solid	1,2-Dichloropropane
8260B		Solid	1,3-Dichlorobenzene
8260B		Solid	1,4-Dichlorobenzene
8260B		Solid	1,4-Dioxane
8260B		Solid	2-Butanone (MEK)
8260B		Solid	2-Hexanone
8260B		Solid	4-Methyl-2-pentanone (MIBK)
8260B		Solid	Acetone
8260B		Solid	Benzene
8260B		Solid	Bromoform
8260B		Solid	Bromomethane
8260B		Solid	Carbon disulfide
8260B		Solid	Carbon tetrachloride
8260B		Solid	Chlorobenzene
8260B		Solid	Chlorodibromomethane
8260B		Solid	Chloroethane
8260B		Solid	Chloroform
8260B		Solid	Chloromethane
8260B		Solid	cis-1,2-Dichloroethene
8260B		Solid	cis-1,3-Dichloropropene
8260B		Solid	Dichlorobromomethane
8260B		Solid	Dichlorodifluoromethane
8260B		Solid	Ethylbenzene
8260B		Solid	Ethylene Dibromide
8260B		Solid	Isopropylbenzene
8260B		Solid	Methyl tert-butyl ether
8260B		Solid	Methylene Chloride
8260B		Solid	Naphthalene
8260B		Solid	Styrene
8260B		Solid	Tetrachloroethene
8260B		Solid	Toluene
8260B		Solid	trans-1,2-Dichloroethene
8260B		Solid	trans-1,3-Dichloropropene
8260B		Solid	Trichloroethene
8260B		Solid	Trichlorofluoromethane
8260B		Solid	Vinyl chloride

Accreditation/Certification Summary

Client: TRC Environmental Corporation.
Project/Site: ABB 2019 \ 2020

Job ID: 240-144901-3

Laboratory: Eurofins TestAmerica, Canton (Continued)

Unless otherwise noted, all analytes for this laboratory were covered under each accreditation/certification below.

Authority	Program	Identification Number	Expiration Date
Ohio VAP	State	CL0024	12-21-23
8260B	Solid	Xylenes, Total	

Eurofins TestAmerica, Canton
4101 Shuffel Street NW
North Canton, OH 44720
Phone: 330-497-9396 Fax: 330-497-0772

3-4/3-5

Chain of Custody Record

eurofins | Environment Testing America

Client Information	Sampler: KENTON FOWLER	Lab PM: Howell, Leslie	Carrier Tracking No(s):	COC No: 240-77477-30888.1
Client Contact: Kathleen Teuscher	Phone: 513-675-5189	E-Mail: Leslie.Howell@Eurofinset.com	State of Origin:	Page: Page 1 of 12
Company: TRC Environmental Corporation	PWSID:			Job #:
Address: 1382 West Ninth Street Suite 400	Due Date Requested:			
City: Cleveland	TAT Requested (days):			
State, Zip: OH, 44113	Compliance Project: ∆ Yes ∆ No			
Phone:	PO #: Purchase Order Requested			
Email: kteuscher@trccompanies.com	WO #:			
Project Name: ABB 2019 \ 2020	Project #: 24024033			
Site:	SSOW#:			

Analysis Requested

Preservation Codes:
A - HCL, B - NaOH, C - Zn Acetate, D - Nitric Acid, E - NaHSO4, F - MeOH, G - Amchlor, H - Ascorbic Acid, I - Ice, J - DI Water, K - EDTA, L - EDA
M - Hexane, N - None, O - AsNaO2, P - Na2O4S, Q - Na2SO3, R - Na2S2O3, S - H2SO4, T - TSP Dodecahydrate, U - Acetone, V - MCAA, W - pH 4-5, Z - other (specify)
Other:

Sample Identification	Sample Date	Sample Time	Sample Type (C=comp, G=grab)	Matrix (W=water, S=solid, O=waste/oil, BT=Tissue, A=Air)	Field Filtered Sample (Yes or No)	Perform MS/MSD (Yes or No)	8260B - (MOD) TCL OLM03.1/4.2 Volatile Analyte L	6010B, 7196A	8260B - SPLP VOC	1010 - Ignitability	8260B - TCLP Volatiles	9012A, 9034_Calc, 9045C	6010B, 7470A	8260B - (MOD) TCL OLM03.1/4.2 Volatile Analyte L	Total Number of containers	Special Instructions/Note:
			Preservation Code:				N	N	N	N	N	N	N	A		
SB-35 (0-2)	2/24/21	1400	G	Solid			1								1	
SB-35 (2-4)		1350	G	Solid			1								1	
SB-35 (4-6)		1355	G	Solid			1								1	
SB-35		1355	C	Solid				~~1~~ KPF	1						2	HEX - SAMPLE TIME
SB-35 (0-2)_HEX		1345	G	Solid				1							1	1345 (0-2')
SB-34 (0-2)		1435	G	Solid			1									
SB-34 (2-4)		1440	G	Solid			1									HOLD SPLP-VOC
SB-34 (4-6)		1445	G	Solid			1									PENDING VOC
SB-34		1445	C	Solid					1							ANALYSIS
SB-34 (0-2)_HEX		1430	G	Solid				1								
WCA01-01	2/24/21	1500	C	Solid			1			1	1	1	1		5	VAP CERTIFIED DATA

240-144901 Chain of Custody

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

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

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

Special Instructions/QC Requirements:

Empty Kit Relinquished by:	Date:	Time:	Method of Shipment:		
Relinquished by: Kenton Fowler	Date/Time: 2/24/21 -	Company: TRC	Received by: [signature]	Date/Time: 2-24-21 1710	Company: ETA
Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company
Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company

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

Ver: 11.01.2020

Eurofins TestAmerica Canton Sample Receipt Form/Narrative
Canton Facility

Login # : 144901

Client TRC Site Name

Cooler unpacked by: Adam Gomez

Cooler Received on 2-24-21 Opened on 2-25-21

FedEx: 1st Grd Exp UPS FAS Clipper Client Drop Off TestAmerica Courier Other

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

TestAmerica Cooler # 14 Foam Box Client Cooler Box Other

Packing material used: Bubble Wrap Foam Plastic Bag None Other

COOLANT: Wet Ice Blue Ice Dry Ice Water None

1. Cooler temperature upon receipt ☒ See Multiple Cooler Form
   IR GUN# IR-11 (CF +0.1 °C) Observed Cooler Temp._____°C Corrected Cooler Temp._____°C
   IR GUN #IR-12 (CF +0.2°C) Observed Cooler Temp._____°C Corrected Cooler Temp._____°C
2. Were tamper/custody seals on the outside of the cooler(s)? If Yes Quantity 6 Yes No
   -Were the seals on the outside of the cooler(s) signed & dated? Yes No NA
   -Were tamper/custody seals on the bottle(s) or bottle kits (LLHg/MeHg)? Yes No
   -Were tamper/custody seals intact and uncompromised? Yes No NA
3. Shippers' packing slip attached to the cooler(s)? Yes No
4. Did custody papers accompany the sample(s)? Yes No
5. Were the custody papers relinquished & signed in the appropriate place? Yes No
6. Was/were the person(s) who collected the samples clearly identified on the COC? Yes No
7. Did all bottles arrive in good condition (Unbroken)? Yes No
8. Could all bottle labels (ID/Date/Time) be reconciled with the COC? Yes No
9. For each sample, does the COC specify preservatives (Y/N), # of containers (Y/N), and sample type of grab/comp(Y/N)?
10. Were correct bottle(s) used for the test(s) indicated? Yes No
11. Sufficient quantity received to perform indicated analyses? Yes No
12. Are these work share samples and all listed on the COC? Yes No
    If yes, Questions 13-17 have been checked at the originating laboratory.
13. Were all preserved sample(s) at the correct pH upon receipt? Yes No NA pH Strip Lot# **HC907861**
14. Were VOAs on the COC? Yes No
15. Were air bubbles >6 mm in any VOA vials? ● ⬅ Larger than this. Yes No NA
16. Was a VOA trip blank present in the cooler(s)? Trip Blank Lot #_____ Yes No
17. Was a LL Hg or Me Hg trip blank present? _____ Yes No

Tests that are not checked for pH by Receiving:

VOAs
Oil and Grease
TOC

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

Concerning _____

18. CHAIN OF CUSTODY & SAMPLE DISCREPANCIES ☐ additional next page

Samples processed by:

19. SAMPLE CONDITION

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

Sample(s) _____ were received in a broken container.

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

20. SAMPLE PRESERVATION

Sample(s) _____ were further preserved in the laboratory.

Time preserved: ~~1015~~ Preservative(s) added/Lot number(s):_____

VOA Sample Preservation - Date/Time VOAs Frozen: 2-25-21/ 1015

WI-NC-099

Login # : 144901

Eurofins TestAmerica Canton Sample Receipt Multiple Cooler Form				
Cooler Description (Circle)	IR Gun # (Circle)	Observed Temp °C	Corrected Temp °C	Coolant (Circle)
TA Client Box Other	IR-11 IR-12	3.4	3.5	Wet Ice Blue Ice Dry Ice Water None
TA Client Box Other	IR-11 IR-12	4.8	4.9	Wet Ice Blue Ice Dry Ice Water None
TA Client Box Other	IR-11 IR-12			Wet Ice Blue Ice Dry Ice Water None
TA Client Box Other	IR-11 IR-12			Wet Ice Blue Ice Dry Ice Water None
TA Client Box Other	IR-11 IR-12			Wet Ice Blue Ice Dry Ice Water None
TA Client Box Other	IR-11 IR-12			Wet Ice Blue Ice Dry Ice Water None
TA Client Box Other	IR-11 IR-12			Wet Ice Blue Ice Dry Ice Water None
TA Client Box Other	IR-11 IR-12			Wet Ice Blue Ice Dry Ice Water None
TA Client Box Other	IR-11 IR-12			Wet Ice Blue Ice Dry Ice Water None
TA Client Box Other	IR-11 IR-12			Wet Ice Blue Ice Dry Ice Water None
TA Client Box Other	IR-11 IR-12			Wet Ice Blue Ice Dry Ice Water None
TA Client Box Other	IR-11 IR-12			Wet Ice Blue Ice Dry Ice Water None
TA Client Box Other	IR-11 IR-12			Wet Ice Blue Ice Dry Ice Water None
TA Client Box Other	IR-11 IR-12			Wet Ice Blue Ice Dry Ice Water None
TA Client Box Other	IR-11 IR-12			Wet Ice Blue Ice Dry Ice Water None
TA Client Box Other	IR-11 IR-12			Wet Ice Blue Ice Dry Ice Water None
TA Client Box Other	IR-11 IR-12			Wet Ice Blue Ice Dry Ice Water None
TA Client Box Other	IR-11 IR-12			Wet Ice Blue Ice Dry Ice Water None
TA Client Box Other	IR-11 IR-12			Wet Ice Blue Ice Dry Ice Water None
TA Client Box Other	IR-11 IR-12			Wet Ice Blue Ice Dry Ice Water None
TA Client Box Other	IR-11 IR-12			Wet Ice Blue Ice Dry Ice Water None
TA Client Box Other	IR-11 IR-12			Wet Ice Blue Ice Dry Ice Water None
TA Client Box Other	IR-11 IR-12			Wet Ice Blue Ice Dry Ice Water None
TA Client Box Other	IR-11 IR-12			Wet Ice Blue Ice Dry Ice Water None
TA Client Box Other	IR-11 IR-12			Wet Ice Blue Ice Dry Ice Water None
TA Client Box Other	IR-11 IR-12			Wet Ice Blue Ice Dry Ice Water None
TA Client Box Other	IR-11 IR-12			Wet Ice Blue Ice Dry Ice Water None
TA Client Box Other	IR-11 IR-12			Wet Ice Blue Ice Dry Ice Water None
TA Client Box Other	IR-11 IR-12			Wet Ice Blue Ice Dry Ice Water None
TA Client Box Other	IR-11 IR-12			Wet Ice Blue Ice Dry Ice Water None
TA Client Box Other	IR-11 IR-12			Wet Ice Blue Ice Dry Ice Water None
TA Client Box Other	IR-11 IR-12			Wet Ice Blue Ice Dry Ice Water None
☐ See Temperature Excursion Form				

WI-NC-099 Cooler Receipt Form Page 2 - Multiple Coolers

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ANALYTICAL REPORT

Eurofins TestAmerica, Canton
4101 Shuffel Street NW
North Canton, OH 44720
Tel: (330)497-9396

Laboratory Job ID: 240-144904-1
Client Project/Site: ABB 2019 \ 2020

For:
TRC Environmental Corporation.
690 Taylor Road
Suite 100
Gahanna, Ohio 43230

Attn: Mr. David Kreeger

Patrick O'Meara

Authorized for release by:
3/10/2021 5:17:53 PM

Patrick O'Meara, Manager of Project Management
(330)966-5725
patrick.o'meara@eurofinset.com

LINKS

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www.eurofinsus.com/Env

This report has been electronically signed and authorized by the signatory. Electronic signature is intended to be the legally binding equivalent of a traditionally handwritten signature.

Results relate only to the items tested and the sample(s) as received by the laboratory.

Table of Contents

Cover Page 1
Table of Contents 2
Definitions/Glossary 3
Case Narrative 4
Method Summary 6
Sample Summary 7
Detection Summary 8
Client Sample Results 9
Surrogate Summary 11
QC Sample Results 12
QC Association Summary 15
Lab Chronicle 16
Certification Summary 17
Chain of Custody 19

Definitions/Glossary

Client: TRC Environmental Corporation.
Project/Site: ABB 2019 \ 2020

Job ID: 240-144904-1

Qualifiers

GC/MS VOA

Qualifier	Qualifier Description
J	Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.
S1+	Surrogate recovery exceeds control limits, high biased.

Glossary

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

Job ID: 240-144904-1

Laboratory: Eurofins TestAmerica, Canton

Narrative

CASE NARRATIVE

Client: TRC Environmental Corporation.

Project: ABB 2019 2020

Report Number: 240-144904-1

With the exceptions noted as flags or footnotes, standard analytical protocols were followed in the analysis of the samples and no problems were encountered or anomalies observed. In addition all laboratory quality control samples were within established control limits, with any exceptions noted below. Each sample was analyzed to achieve the lowest possible reporting limit within the constraints of the method. In some cases, due to interference or analytes present at high concentrations, samples were diluted. For diluted samples, the reporting limits are adjusted relative to the dilution required.

Eurofins TestAmerica, Canton attests to the validity of the laboratory data generated by Eurofins TestAmerica facilities reported herein. All analyses performed by Eurofins TestAmerica facilities were done using established laboratory SOPs that incorporate QA/QC procedures described in the application methods. Eurofins TestAmerica's operations groups have reviewed the data for compliance with the laboratory QA/QC plan, and data have been found to be compliant with laboratory protocols unless otherwise noted below.

Sample methods requested and/or analyzed are not included on the Eurofins TestAmerica OVAP certification.

The test results in this report meet all NELAP requirements for parameters for which accreditation is required or available. Any exceptions to NELAP requirements are noted in this report. Pursuant to NELAP, this report may not be reproduced, except in full, without the written approval of the laboratory.

Calculations are performed before rounding to avoid round-off errors in calculated results.

All holding times were met and proper preservation noted for the methods performed on these samples, unless otherwise detailed in the individual sections below.

All solid sample results are reported on an "as received" basis unless otherwise indicated by the presence of a % solids value in the method header.

This laboratory report is confidential and is intended for the sole use of Eurofins TestAmerica and its client.

RECEIPT

The sample was received on 2/24/2021 5:10 PM. Unless otherwise noted below, the sample arrived in good condition, and where required, properly preserved and on ice. The temperature of the cooler at receipt was 4.9º C.

VOLATILE ORGANIC COMPOUNDS (GCMS)

Sample SB-49 (6-8) (240-144904-1) was analyzed for volatile organic compounds (GCMS) in accordance with EPA SW-846 Method 8260B. The sample was prepared on 02/25/2021 and analyzed on 03/08/2021.

Acetone was detected in method blank MB 240-474557/1-A at a level that was above the method detection limit but below the reporting limit. The value should be considered an estimate, and has been flagged. If the associated sample reported a result above the MDL and/or RL, the result has been flagged.

Toluene-d8 (Surr) failed the surrogate recovery criteria high for SB-49 (6-8) (240-144904-1).

Samples SB-49 (6-8) (240-144904-1)[14.29X] and SB-49 (6-8) (240-144904-1)[40X] required dilution prior to analysis. The reporting limits have been adjusted accordingly.

Job ID: 240-144904-1 (Continued)

Laboratory: Eurofins TestAmerica, Canton (Continued)

Insufficient sample volume was available to perform a matrix spike/matrix spike duplicate/sample duplicate (MS/MSD/DUP) associated with preparation batch 240-474557 and analytical batch 240-475851 on this sample SB-49 (6-8) (240-144904-1) .

The continuing calibration verification (CCV) associated with batch 240-475851 recovered above the upper control limit for Bromomethane. The follwoing samples associated with this CCV were non-detect for the affected analyte; therefore, the data have been reported: SB-49 (6-8) (240-144904-1).

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

PERCENT SOLIDS

Sample SB-49 (6-8) (240-144904-1) was analyzed for percent solids in accordance with ASTM Method D2216-80. The sample was analyzed on 02/25/2021.

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

Method Summary

Client: TRC Environmental Corporation.
Project/Site: ABB 2019 \ 2020

Job ID: 240-144904-1

Method	Method Description	Protocol	Laboratory
8260B	Volatile Organic Compounds (GC/MS)	SW846	TAL CAN
Moisture	Percent Moisture	EPA	TAL CAN
5035	Closed System Purge and Trap	SW846	TAL CAN

Protocol References:

EPA = US Environmental Protection Agency

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

Laboratory References:

TAL CAN = Eurofins TestAmerica, Canton, 4101 Shuffel Street NW, North Canton, OH 44720, TEL (330)497-9396

Sample Summary

Client: TRC Environmental Corporation.
Project/Site: ABB 2019 \ 2020

Job ID: 240-144904-1

Lab Sample ID	Client Sample ID	Matrix	Collected	Received	Asset ID
240-144904-1	SB-49 (6-8)	Solid	02/24/21 13:15	02/24/21 17:10	

Detection Summary

Client: TRC Environmental Corporation.
Project/Site: ABB 2019 \ 2020

Job ID: 240-144904-1

Client Sample ID: SB-49 (6-8)

Lab Sample ID: 240-144904-1

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
1,1,1-Trichloroethane	270000		13000	4000	ug/Kg	40	☼	8260B	Total/NA
1,1,2-Trichloroethane	3700	J	4600	1000	ug/Kg	14.286	☼	8260B	Total/NA
1,1-Dichloroethane	6800		4600	880	ug/Kg	14.286	☼	8260B	Total/NA
1,1-Dichloroethene	68000		4600	1500	ug/Kg	14.286	☼	8260B	Total/NA
cis-1,2-Dichloroethene	1400	J	4600	730	ug/Kg	14.286	☼	8260B	Total/NA
Ethylbenzene	1500	J	4600	860	ug/Kg	14.286	☼	8260B	Total/NA
2-Butanone (MEK)	3100	J	18000	2900	ug/Kg	14.286	☼	8260B	Total/NA
Toluene	45000		4600	4400	ug/Kg	14.286	☼	8260B	Total/NA
Trichloroethene	10000		4600	2600	ug/Kg	14.286	☼	8260B	Total/NA
Xylenes, Total	7000	J	9200	1700	ug/Kg	14.286	☼	8260B	Total/NA

This Detection Summary does not include radiochemical test results.

Client Sample Results

Client: TRC Environmental Corporation.
Project/Site: ABB 2019 \ 2020

Job ID: 240-144904-1

Client Sample ID: SB-49 (6-8)

Date Collected: 02/24/21 13:15
Date Received: 02/24/21 17:10

Lab Sample ID: 240-144904-1

Matrix: Solid
Percent Solids: 85.0

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	**270000**		13000	4000	ug/Kg	☼	02/25/21 20:31	03/08/21 19:49	40
1,1,2,2-Tetrachloroethane	<2800		4600	2800	ug/Kg	☼	02/25/21 20:31	03/08/21 15:12	14.286
1,1,2-Trichloroethane	**3700**	**J**	4600	1000	ug/Kg	☼	02/25/21 20:31	03/08/21 15:12	14.286
1,1-Dichloroethane	**6800**		4600	880	ug/Kg	☼	02/25/21 20:31	03/08/21 15:12	14.286
1,1-Dichloroethene	**68000**		4600	1500	ug/Kg	☼	02/25/21 20:31	03/08/21 15:12	14.286
1,2,4-Trichlorobenzene	<2400		4600	2400	ug/Kg	☼	02/25/21 20:31	03/08/21 15:12	14.286
1,2-Dibromo-3-Chloropropane	<4100		9200	4100	ug/Kg	☼	02/25/21 20:31	03/08/21 15:12	14.286
1,2-Dichlorobenzene	<2200		4600	2200	ug/Kg	☼	02/25/21 20:31	03/08/21 15:12	14.286
1,2-Dichloroethane	<860		4600	860	ug/Kg	☼	02/25/21 20:31	03/08/21 15:12	14.286
1,2-Dichloropropane	<680		4600	680	ug/Kg	☼	02/25/21 20:31	03/08/21 15:12	14.286
1,3-Dichlorobenzene	<840		4600	840	ug/Kg	☼	02/25/21 20:31	03/08/21 15:12	14.286
1,4-Dichlorobenzene	<1000		4600	1000	ug/Kg	☼	02/25/21 20:31	03/08/21 15:12	14.286
1,4-Dioxane	<43000		230000	43000	ug/Kg	☼	02/25/21 20:31	03/08/21 15:12	14.286
2-Hexanone	<4800		18000	4800	ug/Kg	☼	02/25/21 20:31	03/08/21 15:12	14.286
Acetone	<4500		18000	4500	ug/Kg	☼	02/25/21 20:31	03/08/21 15:12	14.286
Benzene	<770		4600	770	ug/Kg	☼	02/25/21 20:31	03/08/21 15:12	14.286
Bromoform	<4200		4600	4200	ug/Kg	☼	02/25/21 20:31	03/08/21 15:12	14.286
Bromomethane	<3000		4600	3000	ug/Kg	☼	02/25/21 20:31	03/08/21 15:12	14.286
Carbon disulfide	<2000		4600	2000	ug/Kg	☼	02/25/21 20:31	03/08/21 15:12	14.286
Carbon tetrachloride	<1900		4600	1900	ug/Kg	☼	02/25/21 20:31	03/08/21 15:12	14.286
Chlorobenzene	<640		4600	640	ug/Kg	☼	02/25/21 20:31	03/08/21 15:12	14.286
Chloroethane	<2800		4600	2800	ug/Kg	☼	02/25/21 20:31	03/08/21 15:12	14.286
Chloroform	<990		4600	990	ug/Kg	☼	02/25/21 20:31	03/08/21 15:12	14.286
Chloromethane	<1200		4600	1200	ug/Kg	☼	02/25/21 20:31	03/08/21 15:12	14.286
cis-1,2-Dichloroethene	**1400**	**J**	4600	730	ug/Kg	☼	02/25/21 20:31	03/08/21 15:12	14.286
cis-1,3-Dichloropropene	<2300		4600	2300	ug/Kg	☼	02/25/21 20:31	03/08/21 15:12	14.286
Dichlorobromomethane	<510		4600	510	ug/Kg	☼	02/25/21 20:31	03/08/21 15:12	14.286
Dichlorodifluoromethane	<970		4600	970	ug/Kg	☼	02/25/21 20:31	03/08/21 15:12	14.286
Ethylbenzene	**1500**	**J**	4600	860	ug/Kg	☼	02/25/21 20:31	03/08/21 15:12	14.286
Ethylene Dibromide	<1400		4600	1400	ug/Kg	☼	02/25/21 20:31	03/08/21 15:12	14.286
Naphthalene	<2200		4600	2200	ug/Kg	☼	02/25/21 20:31	03/08/21 15:12	14.286
Isopropylbenzene	<700		4600	700	ug/Kg	☼	02/25/21 20:31	03/08/21 15:12	14.286
2-Butanone (MEK)	**3100**	**J**	18000	2900	ug/Kg	☼	02/25/21 20:31	03/08/21 15:12	14.286
4-Methyl-2-pentanone (MIBK)	<4400		18000	4400	ug/Kg	☼	02/25/21 20:31	03/08/21 15:12	14.286
Methyl tert-butyl ether	<680		4600	680	ug/Kg	☼	02/25/21 20:31	03/08/21 15:12	14.286
Methylene Chloride	<7000		9200	7000	ug/Kg	☼	02/25/21 20:31	03/08/21 15:12	14.286
Styrene	<950		4600	950	ug/Kg	☼	02/25/21 20:31	03/08/21 15:12	14.286
Tetrachloroethene	<1800		4600	1800	ug/Kg	☼	02/25/21 20:31	03/08/21 15:12	14.286
Toluene	**45000**		4600	4400	ug/Kg	☼	02/25/21 20:31	03/08/21 15:12	14.286
trans-1,2-Dichloroethene	<1100		4600	1100	ug/Kg	☼	02/25/21 20:31	03/08/21 15:12	14.286
trans-1,3-Dichloropropene	<1900		4600	1900	ug/Kg	☼	02/25/21 20:31	03/08/21 15:12	14.286
Trichloroethene	**10000**		4600	2600	ug/Kg	☼	02/25/21 20:31	03/08/21 15:12	14.286
Trichlorofluoromethane	<2500		4600	2500	ug/Kg	☼	02/25/21 20:31	03/08/21 15:12	14.286
Vinyl chloride	<2300		4600	2300	ug/Kg	☼	02/25/21 20:31	03/08/21 15:12	14.286
Xylenes, Total	**7000**	**J**	9200	1700	ug/Kg	☼	02/25/21 20:31	03/08/21 15:12	14.286
Chlorodibromomethane	<2100		4600	2100	ug/Kg	☼	02/25/21 20:31	03/08/21 15:12	14.286

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*106*		*47 - 136*	*02/25/21 20:31*	*03/08/21 15:12*	*14.286*
1,2-Dichloroethane-d4 (Surr)	*129*		*47 - 136*	*02/25/21 20:31*	*03/08/21 19:49*	*40*

Client Sample Results

Client: TRC Environmental Corporation.
Project/Site: ABB 2019 \ 2020

Job ID: 240-144904-1

Client Sample ID: SB-49 (6-8)

Date Collected: 02/24/21 13:15
Date Received: 02/24/21 17:10

Lab Sample ID: 240-144904-1

Matrix: Solid
Percent Solids: 85.0

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*108*		*51 - 124*	*02/25/21 20:31*	*03/08/21 15:12*	*14.286*
4-Bromofluorobenzene (Surr)	*122*		*51 - 124*	*02/25/21 20:31*	*03/08/21 19:49*	*40*
Toluene-d8 (Surr)	*115*		*55 - 123*	*02/25/21 20:31*	*03/08/21 15:12*	*14.286*
Toluene-d8 (Surr)	*138*	*S1+*	*55 - 123*	*02/25/21 20:31*	*03/08/21 19:49*	*40*
Dibromofluoromethane (Surr)	*100*		*49 - 122*	*02/25/21 20:31*	*03/08/21 15:12*	*14.286*
Dibromofluoromethane (Surr)	*116*		*49 - 122*	*02/25/21 20:31*	*03/08/21 19:49*	*40*

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Solids	**85.0**		0.1	0.1	%			02/25/21 15:51	1
Percent Moisture	**15.0**		0.1	0.1	%			02/25/21 15:51	1

Surrogate Summary

Client: TRC Environmental Corporation.
Project/Site: ABB 2019 \ 2020

Job ID: 240-144904-1

Method: 8260B - Volatile Organic Compounds (GC/MS)

Matrix: Solid **Prep Type: Total/NA**

		Percent Surrogate Recovery (Acceptance Limits)			
		DCA	BFB	TOL	DBFM
Lab Sample ID	**Client Sample ID**	**(47-136)**	**(51-124)**	**(55-123)**	**(49-122)**
240-144904-1	SB-49 (6-8)	106	108	115	100
240-144904-1	SB-49 (6-8)	129	122	138 S1+	116
LCS 240-474557/2-A	Lab Control Sample	85	100	93	84
MB 240-474557/1-A	Method Blank	99	101	100	86

Surrogate Legend

DCA = 1,2-Dichloroethane-d4 (Surr)
BFB = 4-Bromofluorobenzene (Surr)
TOL = Toluene-d8 (Surr)
DBFM = Dibromofluoromethane (Surr)

QC Sample Results

Client: TRC Environmental Corporation.
Project/Site: ABB 2019 \ 2020

Job ID: 240-144904-1

Method: 8260B - Volatile Organic Compounds (GC/MS)

Lab Sample ID: MB 240-474557/1-A
Matrix: Solid
Analysis Batch: 475851

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 474557

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	<78		250	78	ug/Kg		02/25/21 20:31	03/08/21 14:21	1
1,1,2,2-Tetrachloroethane	<150		250	150	ug/Kg		02/25/21 20:31	03/08/21 14:21	1
1,1,2-Trichloroethane	<57		250	57	ug/Kg		02/25/21 20:31	03/08/21 14:21	1
1,1-Dichloroethane	<48		250	48	ug/Kg		02/25/21 20:31	03/08/21 14:21	1
1,1-Dichloroethene	<82		250	82	ug/Kg		02/25/21 20:31	03/08/21 14:21	1
1,2,4-Trichlorobenzene	<130		250	130	ug/Kg		02/25/21 20:31	03/08/21 14:21	1
1,2-Dibromo-3-Chloropropane	<220		500	220	ug/Kg		02/25/21 20:31	03/08/21 14:21	1
1,2-Dichlorobenzene	<120		250	120	ug/Kg		02/25/21 20:31	03/08/21 14:21	1
1,2-Dichloroethane	<47		250	47	ug/Kg		02/25/21 20:31	03/08/21 14:21	1
1,2-Dichloropropane	<37		250	37	ug/Kg		02/25/21 20:31	03/08/21 14:21	1
1,3-Dichlorobenzene	<46		250	46	ug/Kg		02/25/21 20:31	03/08/21 14:21	1
1,4-Dichlorobenzene	<55		250	55	ug/Kg		02/25/21 20:31	03/08/21 14:21	1
1,4-Dioxane	<2300		13000	2300	ug/Kg		02/25/21 20:31	03/08/21 14:21	1
2-Hexanone	<260		1000	260	ug/Kg		02/25/21 20:31	03/08/21 14:21	1
Acetone	266	J	1000	240	ug/Kg		02/25/21 20:31	03/08/21 14:21	1
Benzene	<42		250	42	ug/Kg		02/25/21 20:31	03/08/21 14:21	1
Bromoform	<230		250	230	ug/Kg		02/25/21 20:31	03/08/21 14:21	1
Bromomethane	<170		250	170	ug/Kg		02/25/21 20:31	03/08/21 14:21	1
Carbon disulfide	<110		250	110	ug/Kg		02/25/21 20:31	03/08/21 14:21	1
Carbon tetrachloride	<100		250	100	ug/Kg		02/25/21 20:31	03/08/21 14:21	1
Chlorobenzene	<35		250	35	ug/Kg		02/25/21 20:31	03/08/21 14:21	1
Chloroethane	<150		250	150	ug/Kg		02/25/21 20:31	03/08/21 14:21	1
Chloroform	<54		250	54	ug/Kg		02/25/21 20:31	03/08/21 14:21	1
Chloromethane	<66		250	66	ug/Kg		02/25/21 20:31	03/08/21 14:21	1
cis-1,2-Dichloroethene	<40		250	40	ug/Kg		02/25/21 20:31	03/08/21 14:21	1
cis-1,3-Dichloropropene	<120		250	120	ug/Kg		02/25/21 20:31	03/08/21 14:21	1
Dichlorobromomethane	<28		250	28	ug/Kg		02/25/21 20:31	03/08/21 14:21	1
Dichlorodifluoromethane	<53		250	53	ug/Kg		02/25/21 20:31	03/08/21 14:21	1
Ethylbenzene	<47		250	47	ug/Kg		02/25/21 20:31	03/08/21 14:21	1
Ethylene Dibromide	<79		250	79	ug/Kg		02/25/21 20:31	03/08/21 14:21	1
Naphthalene	<120		250	120	ug/Kg		02/25/21 20:31	03/08/21 14:21	1
Isopropylbenzene	<38		250	38	ug/Kg		02/25/21 20:31	03/08/21 14:21	1
2-Butanone (MEK)	<160		1000	160	ug/Kg		02/25/21 20:31	03/08/21 14:21	1
4-Methyl-2-pentanone (MIBK)	<240		1000	240	ug/Kg		02/25/21 20:31	03/08/21 14:21	1
Methyl tert-butyl ether	<37		250	37	ug/Kg		02/25/21 20:31	03/08/21 14:21	1
Methylene Chloride	<380		500	380	ug/Kg		02/25/21 20:31	03/08/21 14:21	1
Styrene	<52		250	52	ug/Kg		02/25/21 20:31	03/08/21 14:21	1
Tetrachloroethene	<97		250	97	ug/Kg		02/25/21 20:31	03/08/21 14:21	1
Toluene	<240		250	240	ug/Kg		02/25/21 20:31	03/08/21 14:21	1
trans-1,2-Dichloroethene	<62		250	62	ug/Kg		02/25/21 20:31	03/08/21 14:21	1
trans-1,3-Dichloropropene	<110		250	110	ug/Kg		02/25/21 20:31	03/08/21 14:21	1
Trichloroethene	<140		250	140	ug/Kg		02/25/21 20:31	03/08/21 14:21	1
Trichlorofluoromethane	<140		250	140	ug/Kg		02/25/21 20:31	03/08/21 14:21	1
Vinyl chloride	<120		250	120	ug/Kg		02/25/21 20:31	03/08/21 14:21	1
Xylenes, Total	<91		500	91	ug/Kg		02/25/21 20:31	03/08/21 14:21	1
Chlorodibromomethane	<120		250	120	ug/Kg		02/25/21 20:31	03/08/21 14:21	1

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: MB 240-474557/1-A
Matrix: Solid
Analysis Batch: 475851

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 474557

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	99		47 - 136	02/25/21 20:31	03/08/21 14:21	1
4-Bromofluorobenzene (Surr)	101		51 - 124	02/25/21 20:31	03/08/21 14:21	1
Toluene-d8 (Surr)	100		55 - 123	02/25/21 20:31	03/08/21 14:21	1
Dibromofluoromethane (Surr)	86		49 - 122	02/25/21 20:31	03/08/21 14:21	1

Lab Sample ID: LCS 240-474557/2-A
Matrix: Solid
Analysis Batch: 475851

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 474557

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
1,1,1-Trichloroethane	1000	1050		ug/Kg		105	60 - 126
1,1,2,2-Tetrachloroethane	1000	1160		ug/Kg		116	61 - 134
1,1,2-Trichloroethane	1000	1140		ug/Kg		114	78 - 120
1,1-Dichloroethane	1000	992		ug/Kg		99	69 - 120
1,1-Dichloroethene	1000	866		ug/Kg		87	48 - 140
1,2,4-Trichlorobenzene	1000	1170		ug/Kg		117	56 - 120
1,2-Dibromo-3-Chloropropane	1000	878		ug/Kg		88	35 - 137
1,2-Dichlorobenzene	1000	1060		ug/Kg		106	74 - 120
1,2-Dichloroethane	1000	1020		ug/Kg		102	66 - 120
1,2-Dichloropropane	1000	1100		ug/Kg		110	77 - 120
1,3-Dichlorobenzene	1000	1080		ug/Kg		108	74 - 120
1,4-Dichlorobenzene	1000	1060		ug/Kg		106	74 - 120
1,4-Dioxane	20000	23600		ug/Kg		118	44 - 154
2-Hexanone	2000	2430		ug/Kg		121	54 - 135
Acetone	2000	2360		ug/Kg		118	47 - 157
Benzene	1000	967		ug/Kg		97	75 - 120
Bromoform	1000	776		ug/Kg		78	44 - 131
Bromomethane	1000	685		ug/Kg		68	10 - 158
Carbon disulfide	1000	417		ug/Kg		42	33 - 144
Carbon tetrachloride	1000	796		ug/Kg		80	54 - 130
Chlorobenzene	1000	1000		ug/Kg		100	79 - 120
Chloroethane	1000	279		ug/Kg		28	10 - 159
Chloroform	1000	966		ug/Kg		97	74 - 120
Chloromethane	1000	651		ug/Kg		65	40 - 127
cis-1,2-Dichloroethene	1000	1010		ug/Kg		101	76 - 120
cis-1,3-Dichloropropene	1000	1010		ug/Kg		101	62 - 124
Dichlorobromomethane	1000	980		ug/Kg		98	63 - 121
Dichlorodifluoromethane	1000	466		ug/Kg		47	18 - 137
Ethylbenzene	1000	1070		ug/Kg		107	75 - 120
Ethylene Dibromide	1000	1020		ug/Kg		102	73 - 126
Naphthalene	1000	1200		ug/Kg		120	43 - 127
m-Xylene & p-Xylene	1000	1090		ug/Kg		109	76 - 120
Isopropylbenzene	1000	1170		ug/Kg		117	74 - 120
2-Butanone (MEK)	2000	2230		ug/Kg		112	61 - 131
4-Methyl-2-pentanone (MIBK)	2000	2370		ug/Kg		119	56 - 124
Methyl tert-butyl ether	1000	1180		ug/Kg		118	66 - 120
Methylene Chloride	1000	753		ug/Kg		75	48 - 142
o-Xylene	1000	1120		ug/Kg		112	76 - 120

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: LCS 240-474557/2-A
Matrix: Solid
Analysis Batch: 475851

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 474557

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Styrene	1000	1020		ug/Kg		102	70 - 120
Tetrachloroethene	1000	971		ug/Kg		97	75 - 124
Toluene	1000	1070		ug/Kg		107	76 - 120
trans-1,2-Dichloroethene	1000	880		ug/Kg		88	74 - 125
trans-1,3-Dichloropropene	1000	993		ug/Kg		99	58 - 120
Trichloroethene	1000	882		ug/Kg		88	75 - 123
Trichlorofluoromethane	1000	682		ug/Kg		68	33 - 152
Vinyl chloride	1000	714		ug/Kg		71	39 - 140
Xylenes, Total	2000	2210		ug/Kg		111	77 - 120
Chlorodibromomethane	1000	854		ug/Kg		85	60 - 121

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
1,2-Dichloroethane-d4 (Surr)	*85*		*47 - 136*
4-Bromofluorobenzene (Surr)	*100*		*51 - 124*
Toluene-d8 (Surr)	*93*		*55 - 123*
Dibromofluoromethane (Surr)	*84*		*49 - 122*

QC Association Summary

Client: TRC Environmental Corporation.
Project/Site: ABB 2019 \ 2020

Job ID: 240-144904-1

GC/MS VOA

Prep Batch: 474557

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
240-144904-1	SB-49 (6-8)	Total/NA	Solid	5035	
MB 240-474557/1-A	Method Blank	Total/NA	Solid	5035	
LCS 240-474557/2-A	Lab Control Sample	Total/NA	Solid	5035	

Analysis Batch: 475851

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
240-144904-1	SB-49 (6-8)	Total/NA	Solid	8260B	474557
240-144904-1	SB-49 (6-8)	Total/NA	Solid	8260B	474557
MB 240-474557/1-A	Method Blank	Total/NA	Solid	8260B	474557
LCS 240-474557/2-A	Lab Control Sample	Total/NA	Solid	8260B	474557

General Chemistry

Analysis Batch: 474550

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
240-144904-1	SB-49 (6-8)	Total/NA	Solid	Moisture	

Lab Chronicle

Client: TRC Environmental Corporation.
Project/Site: ABB 2019 \ 2020

Job ID: 240-144904-1

Client Sample ID: SB-49 (6-8)

Lab Sample ID: 240-144904-1

Date Collected: 02/24/21 13:15
Matrix: Solid
Date Received: 02/24/21 17:10

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	Moisture		1	474550	02/25/21 15:51	JWW	TAL CAN

Client Sample ID: SB-49 (6-8)

Lab Sample ID: 240-144904-1

Date Collected: 02/24/21 13:15
Matrix: Solid
Date Received: 02/24/21 17:10
Percent Solids: 85.0

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			474557	02/25/21 20:31	LAM	TAL CAN
Total/NA	Analysis	8260B		14.286	475851	03/08/21 15:12	SAM	TAL CAN
Total/NA	Prep	5035			474557	02/25/21 20:31	LAM	TAL CAN
Total/NA	Analysis	8260B		40	475851	03/08/21 19:49	SAM	TAL CAN

Laboratory References:

TAL CAN = Eurofins TestAmerica, Canton, 4101 Shuffel Street NW, North Canton, OH 44720, TEL (330)497-9396

Accreditation/Certification Summary

Client: TRC Environmental Corporation.
Project/Site: ABB 2019 \ 2020

Job ID: 240-144904-1

Laboratory: Eurofins TestAmerica, Canton

Unless otherwise noted, all analytes for this laboratory were covered under each accreditation/certification below.

Authority	Program	Identification Number	Expiration Date
Ohio VAP	State	CL0024	12-21-23

The following analytes are included in this report, but the laboratory is not certified by the governing authority. This list may include analytes for which the agency does not offer certification.

Analysis Method	Prep Method	Matrix	Analyte
8260B	5035	Solid	1,1,1-Trichloroethane
8260B	5035	Solid	1,1,2,2-Tetrachloroethane
8260B	5035	Solid	1,1,2-Trichloroethane
8260B	5035	Solid	1,1-Dichloroethane
8260B	5035	Solid	1,1-Dichloroethene
8260B	5035	Solid	1,2,4-Trichlorobenzene
8260B	5035	Solid	1,2-Dibromo-3-Chloropropane
8260B	5035	Solid	1,2-Dichlorobenzene
8260B	5035	Solid	1,2-Dichloroethane
8260B	5035	Solid	1,2-Dichloropropane
8260B	5035	Solid	1,3-Dichlorobenzene
8260B	5035	Solid	1,4-Dichlorobenzene
8260B	5035	Solid	1,4-Dioxane
8260B	5035	Solid	2-Butanone (MEK)
8260B	5035	Solid	2-Hexanone
8260B	5035	Solid	4-Methyl-2-pentanone (MIBK)
8260B	5035	Solid	Acetone
8260B	5035	Solid	Benzene
8260B	5035	Solid	Bromoform
8260B	5035	Solid	Bromomethane
8260B	5035	Solid	Carbon disulfide
8260B	5035	Solid	Carbon tetrachloride
8260B	5035	Solid	Chlorobenzene
8260B	5035	Solid	Chlorodibromomethane
8260B	5035	Solid	Chloroethane
8260B	5035	Solid	Chloroform
8260B	5035	Solid	Chloromethane
8260B	5035	Solid	cis-1,2-Dichloroethene
8260B	5035	Solid	cis-1,3-Dichloropropene
8260B	5035	Solid	Dichlorobromomethane
8260B	5035	Solid	Dichlorodifluoromethane
8260B	5035	Solid	Ethylbenzene
8260B	5035	Solid	Ethylene Dibromide
8260B	5035	Solid	Isopropylbenzene
8260B	5035	Solid	Methyl tert-butyl ether
8260B	5035	Solid	Methylene Chloride
8260B	5035	Solid	Naphthalene
8260B	5035	Solid	Styrene
8260B	5035	Solid	Tetrachloroethene
8260B	5035	Solid	Toluene
8260B	5035	Solid	trans-1,2-Dichloroethene
8260B	5035	Solid	trans-1,3-Dichloropropene
8260B	5035	Solid	Trichloroethene
8260B	5035	Solid	Trichlorofluoromethane
8260B	5035	Solid	Vinyl chloride

Accreditation/Certification Summary

Client: TRC Environmental Corporation.
Project/Site: ABB 2019 \ 2020

Job ID: 240-144904-1

Laboratory: Eurofins TestAmerica, Canton (Continued)

Unless otherwise noted, all analytes for this laboratory were covered under each accreditation/certification below.

Authority		Program		Identification Number	Expiration Date
Ohio VAP		State		CL0024	12-21-23
8260B	5035	Solid	Xylenes, Total		
Moisture		Solid	Percent Moisture		
Moisture		Solid	Percent Solids		

Eurofins TestAmerica, Canton
4101 Shuffel Street NW
North Canton, OH 44720
Phone: 330-497-9396 Fax: 330-497-0772

Chain of Custody Record

eurofins | Environment Testing America

Client Information	Sampler: KENTON FOWLER	Lab PM: Howell, Leslie	Carrier Tracking No(s):	COC No: 240-77477-30888.4
Client Contact: Kathleen Teuscher	Phone: 513-675-5189	E-Mail: Leslie.Howell@Eurofinset.com	State of Origin:	Page: Page 4 of 12
Company: TRC Environmental Corporation	PWSID:			Job #:
Address: 1382 West Ninth Street Suite 400	Due Date Requested:			
City: Cleveland	TAT Requested (days):			
State, Zip: OH, 44113	Compliance Project: Δ Yes Δ No			
Phone:	PO #: Purchase Order Requested			
Email: kteuscher@trccompanies.com	WO #:			
Project Name: ABB 2019 \ 2020	Project #: 24024033			
Site:	SSOW#:			

Analysis Requested

Preservation Codes:
A - HCL, B - NaOH, C - Zn Acetate, D - Nitric Acid, E - NaHSO4, F - MeOH, G - Amchlor, H - Ascorbic Acid, I - Ice, J - DI Water, K - EDTA, L - EDA
M - Hexane, N - None, O - AsNaO2, P - Na2O4S, Q - Na2SO3, R - Na2S2O3, S - H2SO4, T - TSP Dodecahydrate, U - Acetone, V - MCAA, W - pH 4-5, Z - other (specify)
Other:

Sample Identification	Sample Date	Sample Time	Sample Type (C=comp, G=grab)	Matrix (W=water, S=solid, O=waste/oil, BT=Tissue, A=Air)	Field Filtered Sample (Yes or No)	Perform MS/MSD (Yes or No)	8260B - (MOD) TCL OLM03.1/4.2 Volatile Analyte L	6010B, 7196A	8260B - SPLP VOC	1010 - Ignitability	8260B - TCLP Volatiles	9012A, 9034_Calc, 9045C	6010B, 7470A	8260B - (MOD) TCL OLM03.1/4.2 Volatile Analyte L	Total Number of containers	Special Instructions/Note:
				Preservation Code:			N	N	N	N	N	N	N	A		
SB-49 (6-8)	2/24/21	1315	G	Solid			1								1	HOLD UNTIL
				Solid												TOLD TO ANALYZE
				Solid												BY PM: DAVE
				Solid												KREEGER
				Solid												
				Solid												HOLD SPLP-VOC
				Solid												PENDING VOC
				Solid												ANALYSIS
				Solid												
				Solid												VAP CERTIFIED
				Solid												DATA

240-144904 Chain of Custody

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

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

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

Special Instructions/QC Requirements:

Empty Kit Relinquished by:	Date:	Time:	Method of Shipment:		
Relinquished by: Kenton Fowler	Date/Time: 2/24/21	Company: TRC	Received by: [signature]	Date/Time: 2-24-21 1710	Company: ETA
Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company
Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company

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

Ver: 11.01.2020

Eurofins TestAmerica Canton Sample Receipt Form/Narrative **Login # :** 144904
Canton Facility

Client TRC Site Name _____ Cooler unpacked by: Adam Garrett

Cooler Received on 2-24-21 Opened on 2-25-21

FedEx: 1st Grd Exp UPS FAS Clipper Client Drop Off TestAmerica Courier Other _____

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

TestAmerica Cooler # TA Foam Box Client Cooler Box Other _____

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

COOLANT: Wet Ice Blue Ice Dry Ice Water None

1. Cooler temperature upon receipt ☒ See Multiple Cooler Form
   IR GUN# IR-11 (CF +0.1 °C) Observed Cooler Temp._____°C Corrected Cooler Temp._____°C
   IR GUN #IR-12 (CF +0.2°C) Observed Cooler Temp._____°C Corrected Cooler Temp._____°C
2. Were tamper/custody seals on the outside of the cooler(s)? If Yes Quantity 0 Yes No
   -Were the seals on the outside of the cooler(s) signed & dated? Yes No NA
   -Were tamper/custody seals on the bottle(s) or bottle kits (LLHg/MeHg)? Yes No
   -Were tamper/custody seals intact and uncompromised? Yes No NA
3. Shippers' packing slip attached to the cooler(s)? Yes No
4. Did custody papers accompany the sample(s)? Yes No
5. Were the custody papers relinquished & signed in the appropriate place? Yes No
6. Was/were the person(s) who collected the samples clearly identified on the COC? Yes No
7. Did all bottles arrive in good condition (Unbroken)? Yes No
8. Could all bottle labels (ID/Date/Time) be reconciled with the COC? Yes No
9. For each sample, does the COC specify preservatives (Y/N), # of containers (Y/N), and sample type of grab/comp(Y/N)?
10. Were correct bottle(s) used for the test(s) indicated? Yes No
11. Sufficient quantity received to perform indicated analyses? Yes No
12. Are these work share samples and all listed on the COC? Yes No
    If yes, Questions 13-17 have been checked at the originating laboratory.
13. Were all preserved sample(s) at the correct pH upon receipt? Yes No NA pH Strip Lot# HC907861
14. Were VOAs on the COC? Yes No
15. Were air bubbles >6 mm in any VOA vials? ● ⬅ Larger than this. Yes No NA
16. Was a VOA trip blank present in the cooler(s)? Trip Blank Lot #_____ Yes No
17. Was a LL Hg or Me Hg trip blank present? _____ Yes No

Tests that are not checked for pH by Receiving:

VOAs
Oil and Grease
TOC

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

Concerning _____

18. CHAIN OF CUSTODY & SAMPLE DISCREPANCIES ☐ additional next page

Samples processed by:

19. SAMPLE CONDITION

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

Sample(s) _____ were received in a broken container.

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

20. SAMPLE PRESERVATION

Sample(s) _____ were further preserved in the laboratory.

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

VOA Sample Preservation - Date/Time VOAs Frozen: 2-25-21 / 1015

WI-NC-099

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ANALYTICAL REPORT

Eurofins TestAmerica, Canton
4101 Shuffel Street NW
North Canton, OH 44720
Tel: (330)497-9396

Laboratory Job ID: 240-145018-1
Client Project/Site: ABB 2019 \ 2020

For:
TRC Environmental Corporation.
690 Taylor Road
Suite 100
Gahanna, Ohio 43230

Attn: Mr. David Kreeger

Patrick O'Meara

Authorized for release by:
3/11/2021 1:48:28 PM

Patrick O'Meara, Manager of Project Management
(330)966-5725
patrick.o'meara@eurofinset.com

LINKS

Review your project results through TotalAccess

Have a Question? Ask The Expert

Visit us at:
www.eurofinsus.com/Env

This report has been electronically signed and authorized by the signatory. Electronic signature is intended to be the legally binding equivalent of a traditionally handwritten signature.

Results relate only to the items tested and the sample(s) as received by the laboratory.

Table of Contents

Cover Page 1
Table of Contents 2
Definitions/Glossary 3
Case Narrative 4
Method Summary 9
Sample Summary 10
Detection Summary 11
Client Sample Results 20
Surrogate Summary 117
QC Sample Results 120
QC Association Summary 148
Lab Chronicle 156
Certification Summary 173
Chain of Custody 175

Qualifiers

GC/MS VOA

Qualifier	Qualifier Description
*+	LCS and/or LCSD is outside acceptance limits, high biased.
B	Compound was found in the blank and sample.
J	Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.
S1+	Surrogate recovery exceeds control limits, high biased.

Metals

Qualifier	Qualifier Description
B	Compound was found in the blank and sample.
F1	MS and/or MSD recovery exceeds control limits.
J	Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.

General Chemistry

Qualifier	Qualifier Description
F3	Duplicate RPD exceeds the control limit
HF	Field parameter with a holding time of 15 minutes. Test performed by laboratory at client's request.

Glossary

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

Job ID: 240-145018-1

Laboratory: Eurofins TestAmerica, Canton

Narrative

CASE NARRATIVE

Client: TRC Environmental Corporation.

Project: ABB 2019 2020

Report Number: 240-145018-1

With the exceptions noted as flags or footnotes, standard analytical protocols were followed in the analysis of the samples and no problems were encountered or anomalies observed. In addition all laboratory quality control samples were within established control limits, with any exceptions noted below. Each sample was analyzed to achieve the lowest possible reporting limit within the constraints of the method. In some cases, due to interference or analytes present at high concentrations, samples were diluted. For diluted samples, the reporting limits are adjusted relative to the dilution required.

Eurofins TestAmerica, Canton attests to the validity of the laboratory data generated by Eurofins TestAmerica facilities reported herein. All analyses performed by Eurofins TestAmerica facilities were done using established laboratory SOPs that incorporate QA/QC procedures described in the application methods. Eurofins TestAmerica's operations groups have reviewed the data for compliance with the laboratory QA/QC plan, and data have been found to be compliant with laboratory protocols unless otherwise noted below.

Sample methods requested and/or analyzed are not included on the Eurofins TestAmerica OVAP certification.

The test results in this report meet all NELAP requirements for parameters for which accreditation is required or available. Any exceptions to NELAP requirements are noted in this report. Pursuant to NELAP, this report may not be reproduced, except in full, without the written approval of the laboratory.

Calculations are performed before rounding to avoid round-off errors in calculated results.

All holding times were met and proper preservation noted for the methods performed on these samples, unless otherwise detailed in the individual sections below.

All solid sample results are reported on an "as received" basis unless otherwise indicated by the presence of a % solids value in the method header.

This laboratory report is confidential and is intended for the sole use of Eurofins TestAmerica and its client.

RECEIPT
The samples were received on 2/25/2021 4:22 PM. Unless otherwise noted below, the samples arrived in good condition, and where required, properly preserved and on ice.

TCLP VOLATILE ORGANIC COMPOUNDS (GCMS)
Samples WCA02-01 (240-145018-21), WCA02-02 (240-145018-22) and WCA04-01 (240-145018-47) were analyzed for TCLP volatile organic compounds (GCMS) in accordance with EPA SW-846 Methods 1311/8260B. The samples were leached on 03/05/2021 and analyzed on 03/08/2021.

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

VOLATILE ORGANIC COMPOUNDS (GCMS)
Samples SB-52 (0-2) (240-145018-1), SB-52 (2-4) (240-145018-2), SB-52 (4-6) (240-145018-3), SB-48 (0-2) (240-145018-5), SB-48 (2-4) (240-145018-6), SB-48 (4-6) (240-145018-7), SB-41 (0-2) (240-145018-10), SB-41 (2-4) (240-145018-11), SB-41 (4-6) (240-145018-12), SB-38 (0-2) (240-145018-14), SB-38 (2-4) (240-145018-15), SB-38 (4-6) (240-145018-16), SB-39 (0-2) (240-145018-18), SB-39 (2-4) (240-145018-19), SB-39 (4-6) (240-145018-20), WCA02-01 (240-145018-21), WCA02-02 (240-145018-22), SB-36 (0-2) (240-145018-25),

Job ID: 240-145018-1 (Continued)

Laboratory: Eurofins TestAmerica, Canton (Continued)

SB-36 (2-4) (240-145018-26), SB-36 (4-6) (240-145018-27), SB-53(0-2) (240-145018-29), SB-53(2-4) (240-145018-30), SB-53(4-6) (240-145018-31), DUPLICATE_01 (240-145018-32), WCA02-02(0-2) (240-145018-33), WCA02-02(6-8) (240-145018-34), SB-40 (0-2) (240-145018-36), SB-40 (2-4) (240-145018-37), SB-40 (4-6) (240-145018-38), SB-46 (0-2) (240-145018-40), SB-46 (2-4) (240-145018-41), SB-46 (4-6) (240-145018-42), SB-47 (0-2) (240-145018-44), SB-47 (2-4) (240-145018-45), SB-47 (4-6) (240-145018-46), WCA04-01 (240-145018-47), SB-50 (0-2) (240-145018-49), SB-50 (2-4) (240-145018-50), SB-50 (4-6) (240-145018-51), SB-42 (0-2) (240-145018-53), SB-42 (2-4) (240-145018-54), SB-42 (4-6) (240-145018-55), SB-43 (0-2) (240-145018-57), SB-43 (2-4) (240-145018-58), SB-43 (4-6) (240-145018-59), SB-43 (6-8) (240-145018-60), SB-43 (8-10) (240-145018-61) and DUP-02 (240-145018-62) were analyzed for volatile organic compounds (GCMS) in accordance with EPA SW-846 Method 8260B. The samples were prepared on 02/26/2021, 03/03/2021 and 03/04/2021 and analyzed on 03/05/2021, 03/06/2021, 03/08/2021, 03/09/2021 and 03/10/2021.

4-Bromofluorobenzene (Surr) and Toluene-d8 (Surr) failed the surrogate recovery criteria high for SB-42 (4-6) (240-145018-55). 4-Bromofluorobenzene (Surr), Dibromofluoromethane (Surr) and Toluene-d8 (Surr) failed the surrogate recovery criteria high for SB-43 (6-8) (240-145018-60).

Acetone was detected in method blank MB 240-475357/1-A at a level that was above the method detection limit but below the reporting limit. The value should be considered an estimate, and has been flagged. If the associated sample reported a result above the MDL and/or RL, the result has been flagged. Acetone was detected in method blank MB 240-475633/6 at a level that was above the method detection limit but below the reporting limit. The value should be considered an estimate, and has been flagged. If the associated sample reported a result above the MDL and/or RL, the result has been flagged. Chloromethane was detected in method blank MB 240-476041/6 at a level that was above the method detection limit but below the reporting limit. The value should be considered an estimate, and has been flagged. If the associated sample reported a result above the MDL and/or RL, the result has been flagged.

The laboratory control sample (LCS) for preparation batch 240-475359 and analytical batch 240-475633 recovered outside control limits for the following analytes: 4-Methyl-2-pentanone and Methyl tert-Butyl Ether. These analytes were biased high in the LCS and were not detected in the following associated samples: SB-52 (2-4) (240-145018-2), SB-48 (0-2) (240-145018-5), SB-48 (2-4) (240-145018-6), SB-38 (2-4) (240-145018-15), SB-38 (4-6) (240-145018-16), and SB-39 (0-2) (240-145018-18; therefore, the data have been reported.

The laboratory control sample (LCS) for preparation batch 240-475357 and analytical batch 240-475720 recovered outside acceptance limits for: Methyl tert-butyl ether. There was insufficient sample to perform a re-extraction or re-analysis; therefore, the data have been reported.

The laboratory control sample (LCS) for preparation batch 240-475551 and analytical batch 240-476041 recovered outside control limits for the following analytes: 4-Methyl-2-pentanone and Methyl tert-Butyl Ether. These analytes were biased high in the LCS and were not detected in the following associated samples: SB-47 (0-2) (240-145018-44), SB-47 (2-4) (240-145018-45), SB-47 (4-6) (240-145018-46), and WCA04-01 (240-145018-47); therefore, the data have been reported.

The laboratory control sample (LCS) for preparation batch 240-475551 and analytical batch 240-475851 recovered outside control limits for the following analytes: 4-Methyl-2-pentanone. This analyte was biased high in the LCS and was not detected in the following associated samples: SB-46 (0-2) (240-145018-40), SB-46 (2-4) (240-145018-41), SB-46 (4-6) (240-145018-42) ; therefore, the data have been reported.

The continuing calibration verification (CCV) associated with batch 240-475828 recovered above the upper control limit for Vinyl Chloride. The following samples associated with this CCV were non-detecs for the affected analytes; therefore, the data have been reported: WCA02-01 (240-145018-21), WCA02-02 (240-145018-22), and WCA04-01 (240-145018-47).

The continuing calibration verification (CCV) associated with batch 240-475851 recovered above the upper control limit for Bromomethane. The following samples associated with this CCV were non-detect for the affected analyte; therefore, the data have been reported: SB-36 (0-2) (240-145018-25), SB-36 (2-4) (240-145018-26), SB-36 (4-6) (240-145018-27), SB-53(0-2) (240-145018-29), SB-53(4-6) (240-145018-31), WCA02-02(6-8) (240-145018-34), SB-46 (0-2) (240-145018-40), SB-46 (2-4) (240-145018-41), and SB-46 (4-6) (240-145018-42).

The continuing calibration verification (CCV) associated with batch 240-476041 recovered above the upper control limit for Bromomethane. The following samples associated with this CCV were non-detect for the affected analyte; therefore, the data have been reported. The associated samples are impacted: WCA02-02(0-2) (240-145018-33), SB-47 (0-2) (240-145018-44), SB-47 (2-4)

Job ID: 240-145018-1 (Continued)

Laboratory: Eurofins TestAmerica, Canton (Continued)

(240-145018-45), SB-47 (4-6) (240-145018-46), and WCA04-01 (240-145018-47).

Samples WCA02-02 (240-145018-22)[6.67X], SB-36 (0-2) (240-145018-25)[4X], SB-36 (2-4) (240-145018-26)[2.5X], SB-36 (4-6) (240-145018-27)[2X], WCA02-02(0-2) (240-145018-33)[10X], WCA02-02(6-8) (240-145018-34)[10X], SB-42 (4-6) (240-145018-55)[25X], SB-43 (4-6) (240-145018-59)[3.33X], SB-43 (6-8) (240-145018-60)[25X], SB-43 (8-10) (240-145018-61)[10X] and DUP-02 (240-145018-62)[10X] required dilution prior to analysis. The reporting limits have been adjusted accordingly.

This sample was reanalyzed at a dilution due to internal standard recoveries outside of acceptance limits, per Ohio VAP requirements. Only compounds associated with internal standards that met criteria are reported from each analysis: SB-40 (0-2) (240-145018-36).

Insufficient sample volume was available to perform a matrix spike/matrix spike duplicate (MS/MSD) associated with preparation batch 240-475359 and 240-475551 analytical batch 240-475720.

Insufficient sample volume was available to perform a matrix spike/matrix spike duplicate (MS/MSD) associated with preparation batch 240-475357 and analytical batch 240-475720.

Insufficient sample volume was available to perform a matrix spike/matrix spike duplicate (MS/MSD) associated with preparation batch 240-475357 and analytical batch 240-475780.

Insufficient sample volume was available to perform a matrix spike/matrix spike duplicate (MS/MSD) associated with preparation batch 240-475358 and analytical batch 240-475780.

Insufficient sample volume was available to perform a matrix spike/matrix spike duplicate (MS/MSD) associated with preparation batch 240-475358 and analytical batch 240-475973.

Insufficient sample volume was available to perform a matrix spike/matrix spike duplicate (MS/MSD) associated with preparation batch 240-475541 and analytical batch 240-475973.

Insufficient sample volume was available to perform a matrix spike/matrix spike duplicate (MS/MSD) associated with preparation batch 240-475551 and analytical batch 240-475973.

Insufficient sample volume was available to perform a matrix spike/matrix spike duplicate/sample duplicate (MS/MSD/DUP) associated with preparation batch 240-475359 and analytical batch 240-475633 on these samples: SB-52 (2-4) (240-145018-2), SB-48 (0-2) (240-145018-5), SB-48 (2-4) (240-145018-6), SB-38 (2-4) (240-145018-15), SB-38 (4-6) (240-145018-16) and SB-39 (0-2) (240-145018-18).

Insufficient sample volume was available to perform a matrix spike/matrix spike duplicate/sample duplicate (MS/MSD/DUP) associated with preparation batch 240-475551 and 240-475551 and analytical batch 240-475851 on these samples: SB-46 (0-2) (240-145018-40), SB-46 (2-4) (240-145018-41) and SB-46 (4-6) (240-145018-42) .

Insufficient sample volume was available to perform a matrix spike/matrix spike duplicate/sample duplicate (MS/MSD/DUP) associated with preparation batch 240-475358 and analytical batch 240-475851 on these samples: SB-36 (0-2) (240-145018-25), SB-36 (2-4) (240-145018-26), SB-36 (4-6) (240-145018-27), SB-53(0-2) (240-145018-29), SB-53(4-6) (240-145018-31) and WCA02-02(6-8) (240-145018-34).

Insufficient sample volume was available to perform a matrix spike/matrix spike duplicate/sample duplicate (MS/MSD/DUP) associated with preparation batch 240-475551 and analytical batch 240-476041 on these samples: SB-47 (0-2) (240-145018-44), SB-47 (2-4) (240-145018-45), SB-47 (4-6) (240-145018-46) and WCA04-01 (240-145018-47).

Insufficient sample volume was available to perform a matrix spike/matrix spike duplicate/sample duplicate (MS/MSD/DUP) associated with preparation batch 240-475358 and analytical batch 240-476041 on this sample: WCA02-02(0-2) (240-145018-33).

Insufficient sample volume was available to perform a matrix spike/matrix spike duplicate/sample duplicate (MS/MSD/DUP) associated with preparation batch 240-475541 and analytical batch 240-476239 on these samples: SB-42 (4-6) (240-145018-55), SB-43 (4-6) (240-145018-59) and SB-43 (6-8) (240-145018-60).

Job ID: 240-145018-1 (Continued)

Laboratory: Eurofins TestAmerica, Canton (Continued)

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

TCLP METALS (ICP)
Samples WCA02-01 (240-145018-21), WCA02-02 (240-145018-22) and WCA04-01 (240-145018-47) were analyzed for TCLP metals (ICP) in accordance with EPA SW-846 Methods 1311/6010B. The samples were leached on 03/01/2021, prepared on 03/02/2021 and analyzed on 03/03/2021.

Arsenic, Barium and Chromium were detected in method blank LB 240-474931/1-B at levels that were above the method detection limit but below the reporting limit. The values should be considered estimates, and have been flagged. If the associated sample reported a result above the MDL and/or RL, the result has been flagged.

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

TOTAL METALS (ICP)
Sample SB-36 (0-2)_HEX (240-145018-24) was analyzed for total metals (ICP) in accordance with EPA SW-846 Method 6010B. The sample was prepared on 03/02/2021 and analyzed on 03/04/2021.

Sample SB-36 (0-2)_HEX (240-145018-24)[2X] required dilution prior to analysis due to the nature of the sample matrix. The reporting limits have been adjusted accordingly.

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

TCLP MERCURY
Samples WCA02-01 (240-145018-21), WCA02-02 (240-145018-22) and WCA04-01 (240-145018-47) were analyzed for TCLP mercury in accordance with EPA SW-846 Methods 1311/7470A. The samples were leached on 03/01/2021, prepared on 03/02/2021 and analyzed on 03/03/2021.

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

TOTAL MERCURY
Sample SB-36 (0-2)_HEX (240-145018-24) was analyzed for total mercury in accordance with EPA SW-846 Method 7471A. The sample was prepared on 03/02/2021 and analyzed on 03/03/2021.

Mercury failed the recovery criteria high for the MS/MSD of sample SB-36 (0-2)_HEX (240-145018-24) in batch 240-475339.

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

FLASHPOINT
Samples WCA02-01 (240-145018-21), WCA02-02 (240-145018-22) and WCA04-01 (240-145018-47) were analyzed for flashpoint in accordance with EPA SW-846 Method 1010. The samples were analyzed on 03/08/2021.

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

HEXAVALENT CHROMIUM
Sample SB-36 (0-2)_HEX (240-145018-24) was analyzed for hexavalent chromium in accordance with EPA SW-846 Method 3060A/7196A. The samples were prepared and analyzed on 03/08/2021.

Sample SB-36 (0-2)_HEX (240-145018-24)[10X] required dilution prior to analysis due to the nature of the sample matrix. The reporting limits have been adjusted accordingly.

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

TOTAL CYANIDE
Samples WCA02-01 (240-145018-21), WCA02-02 (240-145018-22) and WCA04-01 (240-145018-47) were analyzed for total cyanide in

Job ID: 240-145018-1 (Continued)

Laboratory: Eurofins TestAmerica, Canton (Continued)

accordance with EPA SW-846 Method 9012A. The samples were prepared and analyzed on 03/04/2021.

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

SULFIDE
Samples WCA02-01 (240-145018-21), WCA02-02 (240-145018-22) and WCA04-01 (240-145018-47) were analyzed for sulfide in accordance with EPA SW-846 Method 9034. The samples were prepared and analyzed on 03/02/2021.

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

PH
Samples WCA02-01 (240-145018-21), WCA02-02 (240-145018-22) and WCA04-01 (240-145018-47) were analyzed for pH in accordance with EPA SW-846 Method 9045D. The samples were analyzed on 02/27/2021 and 03/04/2021.

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

PERCENT SOLIDS
Samples SB-52 (0-2) (240-145018-1), SB-52 (2-4) (240-145018-2), SB-52 (4-6) (240-145018-3), SB-48 (0-2) (240-145018-5), SB-48 (2-4) (240-145018-6), SB-48 (4-6) (240-145018-7), SB-41 (0-2) (240-145018-10), SB-41 (2-4) (240-145018-11), SB-41 (4-6) (240-145018-12), SB-38 (0-2) (240-145018-14), SB-38 (2-4) (240-145018-15), SB-38 (4-6) (240-145018-16), SB-39 (0-2) (240-145018-18), SB-39 (2-4) (240-145018-19), SB-39 (4-6) (240-145018-20), WCA02-01 (240-145018-21), WCA02-02 (240-145018-22), SB-36 (0-2)_HEX (240-145018-24), SB-36 (0-2) (240-145018-25), SB-36 (2-4) (240-145018-26), SB-36 (4-6) (240-145018-27), SB-53(0-2) (240-145018-29), SB-53(2-4) (240-145018-30), SB-53(4-6) (240-145018-31), DUPLICATE_01 (240-145018-32), WCA02-02(0-2) (240-145018-33), WCA02-02(6-8) (240-145018-34), SB-40 (0-2) (240-145018-36), SB-40 (2-4) (240-145018-37), SB-40 (4-6) (240-145018-38), SB-46 (0-2) (240-145018-40), SB-46 (2-4) (240-145018-41), SB-46 (4-6) (240-145018-42), SB-47 (0-2) (240-145018-44), SB-47 (2-4) (240-145018-45), SB-47 (4-6) (240-145018-46), WCA04-01 (240-145018-47), SB-50 (0-2) (240-145018-49), SB-50 (2-4) (240-145018-50), SB-50 (4-6) (240-145018-51), SB-42 (0-2) (240-145018-53), SB-42 (2-4) (240-145018-54), SB-42 (4-6) (240-145018-55), SB-43 (0-2) (240-145018-57), SB-43 (2-4) (240-145018-58), SB-43 (4-6) (240-145018-59), SB-43 (6-8) (240-145018-60), SB-43 (8-10) (240-145018-61) and DUP-02 (240-145018-62) were analyzed for percent solids in accordance with ASTM Method D2216-80. The samples were analyzed on 02/26/2021 and 03/02/2021.

Percent Moisture exceeded the RPD limit for the duplicate of sample SB-47 (4-6)DU (240-145018-46).

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

Method Summary

Client: TRC Environmental Corporation.
Project/Site: ABB 2019 \ 2020

Job ID: 240-145018-1

Method	Method Description	Protocol	Laboratory
8260B	Volatile Organic Compounds (GC/MS)	SW846	TAL CAN
6010B	Metals (ICP)	SW846	TAL CAN
7470A	Mercury (CVAA)	SW846	TAL CAN
7471A	Mercury (CVAA)	SW846	TAL CAN
1010A	Ignitability, Pensky-Martens Closed-Cup Method	SW846	TAL CAN
7196A	Chromium, Hexavalent	SW846	TAL CAN
9012A	Cyanide, Total and/or Amenable	SW846	TAL CAN
9034	Sulfide, Acid soluble and Insoluble (Titrimetric)	SW846	TAL CAN
9045D	pH	SW846	TAL CAN
Moisture	Percent Moisture	EPA	TAL CAN
1311	TCLP Extraction	SW846	TAL CAN
3010A	Preparation, Total Metals	SW846	TAL CAN
3050B	Preparation, Metals	SW846	TAL CAN
3060A	Alkaline Digestion (Chromium, Hexavalent)	SW846	TAL CAN
5030B	Purge and Trap	SW846	TAL CAN
5035	Closed System Purge and Trap	SW846	TAL CAN
7470A	Preparation, Mercury	SW846	TAL CAN
7471A	Preparation, Mercury	SW846	TAL CAN
9012A	Cyanide, Total and/or Amenable, Distillation	SW846	TAL CAN
9030B	Sulfide, Distillation (Acid Soluble and Insoluble)	SW846	TAL CAN

Protocol References:

EPA = US Environmental Protection Agency

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

Laboratory References:

TAL CAN = Eurofins TestAmerica, Canton, 4101 Shuffel Street NW, North Canton, OH 44720, TEL (330)497-9396

Sample Summary

Client: TRC Environmental Corporation.
Project/Site: ABB 2019 \ 2020

Job ID: 240-145018-1

Lab Sample ID	Client Sample ID	Matrix	Collected	Received	Asset ID
240-145018-1	SB-52 (0-2)	Solid	02/24/21 15:30	02/25/21 16:22	
240-145018-2	SB-52 (2-4)	Solid	02/24/21 15:40	02/25/21 16:22	
240-145018-3	SB-52 (4-6)	Solid	02/24/21 15:45	02/25/21 16:22	
240-145018-5	SB-48 (0-2)	Solid	02/24/21 16:15	02/25/21 16:22	
240-145018-6	SB-48 (2-4)	Solid	02/24/21 16:20	02/25/21 16:22	
240-145018-7	SB-48 (4-6)	Solid	02/24/21 16:25	02/25/21 16:22	
240-145018-10	SB-41 (0-2)	Solid	02/25/21 10:20	02/25/21 16:22	
240-145018-11	SB-41 (2-4)	Solid	02/25/21 10:25	02/25/21 16:22	
240-145018-12	SB-41 (4-6)	Solid	02/25/21 10:30	02/25/21 16:22	
240-145018-14	SB-38 (0-2)	Solid	02/25/21 08:25	02/25/21 16:22	
240-145018-15	SB-38 (2-4)	Solid	02/25/21 08:30	02/25/21 16:22	
240-145018-16	SB-38 (4-6)	Solid	02/25/21 08:35	02/25/21 16:22	
240-145018-18	SB-39 (0-2)	Solid	02/25/21 08:45	02/25/21 16:22	
240-145018-19	SB-39 (2-4)	Solid	02/25/21 08:50	02/25/21 16:22	
240-145018-20	SB-39 (4-6)	Solid	02/25/21 08:55	02/25/21 16:22	
240-145018-21	WCA02-01	Solid	02/25/21 09:15	02/25/21 16:22	
240-145018-22	WCA02-02	Solid	02/25/21 09:50	02/25/21 16:22	
240-145018-24	SB-36 (0-2)_HEX	Solid	02/25/21 07:25	02/25/21 16:22	
240-145018-25	SB-36 (0-2)	Solid	02/25/21 07:20	02/25/21 16:22	
240-145018-26	SB-36 (2-4)	Solid	02/25/21 07:25	02/25/21 16:22	
240-145018-27	SB-36 (4-6)	Solid	02/25/21 07:30	02/25/21 16:22	
240-145018-29	SB-53(0-2)	Solid	02/25/21 07:50	02/25/21 16:22	
240-145018-30	SB-53(2-4)	Solid	02/25/21 07:55	02/25/21 16:22	
240-145018-31	SB-53(4-6)	Solid	02/25/21 08:00	02/25/21 16:22	
240-145018-32	DUPLICATE_01	Solid	02/25/21 00:00	02/25/21 16:22	
240-145018-33	WCA02-02(0-2)	Solid	02/25/21 09:55	02/25/21 16:22	
240-145018-34	WCA02-02(6-8)	Solid	02/25/21 10:00	02/25/21 16:22	
240-145018-36	SB-40 (0-2)	Solid	02/25/21 10:55	02/25/21 16:22	
240-145018-37	SB-40 (2-4)	Solid	02/25/21 11:00	02/25/21 16:22	
240-145018-38	SB-40 (4-6)	Solid	02/25/21 10:45	02/25/21 16:22	
240-145018-40	SB-46 (0-2)	Solid	02/25/21 11:20	02/25/21 16:22	
240-145018-41	SB-46 (2-4)	Solid	02/25/21 11:25	02/25/21 16:22	
240-145018-42	SB-46 (4-6)	Solid	02/25/21 11:30	02/25/21 16:22	
240-145018-44	SB-47 (0-2)	Solid	02/25/21 13:00	02/25/21 16:22	
240-145018-45	SB-47 (2-4)	Solid	02/25/21 13:05	02/25/21 16:22	
240-145018-46	SB-47 (4-6)	Solid	02/25/21 13:10	02/25/21 16:22	
240-145018-47	WCA04-01	Solid	02/25/21 13:30	02/25/21 16:22	
240-145018-49	SB-50 (0-2)	Solid	02/25/21 13:50	02/25/21 16:22	
240-145018-50	SB-50 (2-4)	Solid	02/25/21 13:55	02/25/21 16:22	
240-145018-51	SB-50 (4-6)	Solid	02/25/21 14:00	02/25/21 16:22	
240-145018-53	SB-42 (0-2)	Solid	02/25/21 14:20	02/25/21 16:22	
240-145018-54	SB-42 (2-4)	Solid	02/25/21 14:25	02/25/21 16:22	
240-145018-55	SB-42 (4-6)	Solid	02/25/21 14:39	02/25/21 16:22	
240-145018-57	SB-43 (0-2)	Solid	02/25/21 14:55	02/25/21 16:22	
240-145018-58	SB-43 (2-4)	Solid	02/25/21 15:00	02/25/21 16:22	
240-145018-59	SB-43 (4-6)	Solid	02/25/21 15:05	02/25/21 16:22	
240-145018-60	SB-43 (6-8)	Solid	02/25/21 15:10	02/25/21 16:22	
240-145018-61	SB-43 (8-10)	Solid	02/25/21 15:10	02/25/21 16:22	
240-145018-62	DUP-02	Solid	02/25/21 00:00	02/25/21 16:22	

Detection Summary

Client: TRC Environmental Corporation.
Project/Site: ABB 2019 \ 2020

Job ID: 240-145018-1

Client Sample ID: SB-52 (0-2) — Lab Sample ID: 240-145018-1

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
1,1,1-Trichloroethane	680		260	81	ug/Kg	1	☼	8260B	Total/NA
1,1-Dichloroethane	190	J	260	50	ug/Kg	1	☼	8260B	Total/NA

Client Sample ID: SB-52 (2-4) — Lab Sample ID: 240-145018-2

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
1,1-Dichloroethane	57		5.4	0.74	ug/Kg	1	☼	8260B	Total/NA
1,1-Dichloroethene	7.0		5.4	0.97	ug/Kg	1	☼	8260B	Total/NA
1,4-Dioxane	35	J	270	24	ug/Kg	1	☼	8260B	Total/NA
1,1,1-Trichloroethane	130		5.4	0.88	ug/Kg	1	☼	8260B	Total/NA

Client Sample ID: SB-52 (4-6) — Lab Sample ID: 240-145018-3

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
1,1,1-Trichloroethane	110	J	340	110	ug/Kg	1	☼	8260B	Total/NA
1,1-Dichloroethane	1100		340	65	ug/Kg	1	☼	8260B	Total/NA
1,1-Dichloroethene	1400		340	110	ug/Kg	1	☼	8260B	Total/NA

Client Sample ID: SB-48 (0-2) — Lab Sample ID: 240-145018-5

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Acetone	68	B	31	26	ug/Kg	1	☼	8260B	Total/NA
2-Butanone (MEK)	15	J	25	4.4	ug/Kg	1	☼	8260B	Total/NA
1,1-Dichloroethane	1.8	J	6.3	0.87	ug/Kg	1	☼	8260B	Total/NA
Toluene	1.5	J	6.3	0.97	ug/Kg	1	☼	8260B	Total/NA
Trichloroethene	0.98	J	6.3	0.79	ug/Kg	1	☼	8260B	Total/NA
Xylenes, Total	6.8	J	13	2.0	ug/Kg	1	☼	8260B	Total/NA

Client Sample ID: SB-48 (2-4) — Lab Sample ID: 240-145018-6

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Acetone	83	B	26	22	ug/Kg	1	☼	8260B	Total/NA
2-Butanone (MEK)	13	J	21	3.7	ug/Kg	1	☼	8260B	Total/NA
Chloroethane	3.2	J	5.1	1.3	ug/Kg	1	☼	8260B	Total/NA
1,1-Dichloroethane	69		5.1	0.71	ug/Kg	1	☼	8260B	Total/NA
1,1-Dichloroethene	55		5.1	0.93	ug/Kg	1	☼	8260B	Total/NA
1,4-Dioxane	110	J	260	23	ug/Kg	1	☼	8260B	Total/NA
2-Hexanone	4.3	J	21	4.2	ug/Kg	1	☼	8260B	Total/NA
Vinyl chloride	7.9		5.1	0.86	ug/Kg	1	☼	8260B	Total/NA

Client Sample ID: SB-48 (4-6) — Lab Sample ID: 240-145018-7

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
1,1,1-Trichloroethane	270	J	300	94	ug/Kg	1	☼	8260B	Total/NA
1,1-Dichloroethane	680		300	58	ug/Kg	1	☼	8260B	Total/NA
1,1-Dichloroethene	1300		300	99	ug/Kg	1	☼	8260B	Total/NA

Client Sample ID: SB-41 (0-2) — Lab Sample ID: 240-145018-10

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
1,1,1-Trichloroethane	430		270	84	ug/Kg	1	☼	8260B	Total/NA
1,1-Dichloroethane	400		270	52	ug/Kg	1	☼	8260B	Total/NA
Tetrachloroethene	110	J	270	100	ug/Kg	1	☼	8260B	Total/NA

This Detection Summary does not include radiochemical test results.

Eurofins TestAmerica, Canton

Detection Summary

Client: TRC Environmental Corporation.
Project/Site: ABB 2019 \ 2020

Job ID: 240-145018-1

Client Sample ID: SB-41 (2-4) — Lab Sample ID: 240-145018-11

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
1,1,1-Trichloroethane	190	J	350	110	ug/Kg	1	☼	8260B	Total/NA
1,1-Dichloroethane	620		350	67	ug/Kg	1	☼	8260B	Total/NA

Client Sample ID: SB-41 (4-6) — Lab Sample ID: 240-145018-12

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
1,1,1-Trichloroethane	210	J	290	90	ug/Kg	1	☼	8260B	Total/NA
1,1-Dichloroethane	810		290	56	ug/Kg	1	☼	8260B	Total/NA
1,1-Dichloroethene	230	J	290	95	ug/Kg	1	☼	8260B	Total/NA

Client Sample ID: SB-38 (0-2) — Lab Sample ID: 240-145018-14

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
1,2-Dichlorobenzene	170	J	240	120	ug/Kg	1	☼	8260B	Total/NA
Ethylbenzene	1200		240	45	ug/Kg	1	☼	8260B	Total/NA
Isopropylbenzene	120	J	240	36	ug/Kg	1	☼	8260B	Total/NA
Xylenes, Total	450	J	480	87	ug/Kg	1	☼	8260B	Total/NA

Client Sample ID: SB-38 (2-4) — Lab Sample ID: 240-145018-15

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Acetone	65	B	24	20	ug/Kg	1	☼	8260B	Total/NA
2-Butanone (MEK)	8.4	J	19	3.4	ug/Kg	1	☼	8260B	Total/NA
1,1-Dichloroethane	4.1	J	4.8	0.66	ug/Kg	1	☼	8260B	Total/NA
1,4-Dioxane	130	J	240	21	ug/Kg	1	☼	8260B	Total/NA

Client Sample ID: SB-38 (4-6) — Lab Sample ID: 240-145018-16

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Acetone	58	B	27	23	ug/Kg	1	☼	8260B	Total/NA
2-Butanone (MEK)	6.4	J	22	3.8	ug/Kg	1	☼	8260B	Total/NA
1,1-Dichloroethane	5.4		5.4	0.75	ug/Kg	1	☼	8260B	Total/NA
1,4-Dioxane	210	J	270	24	ug/Kg	1	☼	8260B	Total/NA
Toluene	2.0	J	5.4	0.83	ug/Kg	1	☼	8260B	Total/NA
1,1,1-Trichloroethane	1.8	J	5.4	0.89	ug/Kg	1	☼	8260B	Total/NA

Client Sample ID: SB-39 (0-2) — Lab Sample ID: 240-145018-18

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Acetone	35	B	28	24	ug/Kg	1	☼	8260B	Total/NA
2-Butanone (MEK)	8.4	J	23	4.0	ug/Kg	1	☼	8260B	Total/NA

Client Sample ID: SB-39 (2-4) — Lab Sample ID: 240-145018-19

No Detections.

Client Sample ID: SB-39 (4-6) — Lab Sample ID: 240-145018-20

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
1,1-Dichloroethane	2.3	J	4.7	0.66	ug/Kg	1	☼	8260B	Total/NA
1,1,1-Trichloroethane	0.89	J	4.7	0.78	ug/Kg	1	☼	8260B	Total/NA

This Detection Summary does not include radiochemical test results.

Detection Summary

Client: TRC Environmental Corporation.
Project/Site: ABB 2019 \ 2020

Job ID: 240-145018-1

Client Sample ID: WCA02-01 — Lab Sample ID: 240-145018-21

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
cis-1,2-Dichloroethene	2.0	J	4.8	0.63	ug/Kg	1	☼	8260B	Total/NA
1,1-Dichloroethane	170		4.8	0.67	ug/Kg	1	☼	8260B	Total/NA
1,2-Dichloroethane	1.3	J	4.8	0.75	ug/Kg	1	☼	8260B	Total/NA
1,1-Dichloroethene	30		4.8	0.88	ug/Kg	1	☼	8260B	Total/NA
1,4-Dioxane	640		240	21	ug/Kg	1	☼	8260B	Total/NA
1,1,1-Trichloroethane	16		4.8	0.79	ug/Kg	1	☼	8260B	Total/NA
Vinyl chloride	1.3	J	4.8	0.81	ug/Kg	1	☼	8260B	Total/NA
Arsenic	0.0060	J B	0.050	0.0041	mg/L	1		6010B	TCLP
Barium	0.31	J B	0.50	0.0013	mg/L	1		6010B	TCLP
Chromium	0.0011	J B	0.050	0.00063	mg/L	1		6010B	TCLP
Lead	0.0047	J	0.050	0.0028	mg/L	1		6010B	TCLP
Flashpoint	>200		1.00	1.00	Degrees F	1		1010A	Total/NA
pH	4.9	HF	0.1	0.1	SU	1		9045D	Total/NA
Corrosivity	4.9	HF	0.1	0.1	SU	1		9045D	Total/NA

Client Sample ID: WCA02-02 — Lab Sample ID: 240-145018-22

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
1,1,1-Trichloroethane	5100		1900	600	ug/Kg	6.667	☼	8260B	Total/NA
1,1-Dichloroethane	8200		1900	370	ug/Kg	6.667	☼	8260B	Total/NA
1,1-Dichloroethene	8000		1900	630	ug/Kg	6.667	☼	8260B	Total/NA
Acetone	40000		7700	1900	ug/Kg	6.667	☼	8260B	Total/NA
Benzene	3400		1900	320	ug/Kg	6.667	☼	8260B	Total/NA
cis-1,2-Dichloroethene	3500		1900	310	ug/Kg	6.667	☼	8260B	Total/NA
Ethylbenzene	750	J	1900	360	ug/Kg	6.667	☼	8260B	Total/NA
2-Butanone (MEK)	19000		7700	1200	ug/Kg	6.667	☼	8260B	Total/NA
4-Methyl-2-pentanone (MIBK)	5800	J	7700	1800	ug/Kg	6.667	☼	8260B	Total/NA
Toluene	53000		1900	1800	ug/Kg	6.667	☼	8260B	Total/NA
Trichloroethene	6200		1900	1100	ug/Kg	6.667	☼	8260B	Total/NA
Xylenes, Total	4500		3800	700	ug/Kg	6.667	☼	8260B	Total/NA
1,1-Dichloroethene	0.0080	J	0.025	0.00019	mg/L	1		8260B	TCLP
2-Butanone (MEK)	0.42		0.25	0.0012	mg/L	1		8260B	TCLP
Benzene	0.030		0.025	0.00013	mg/L	1		8260B	TCLP
Trichloroethene	0.077		0.025	0.00010	mg/L	1		8260B	TCLP
Barium	0.099	J B	0.50	0.0013	mg/L	1		6010B	TCLP
Chromium	0.0014	J B	0.050	0.00063	mg/L	1		6010B	TCLP
Lead	0.0072	J	0.050	0.0028	mg/L	1		6010B	TCLP
Selenium	0.0072	J	0.050	0.0060	mg/L	1		6010B	TCLP
Flashpoint	>200		1.00	1.00	Degrees F	1		1010A	Total/NA
pH	4.7	HF	0.1	0.1	SU	1		9045D	Total/NA
Corrosivity	4.7	HF	0.1	0.1	SU	1		9045D	Total/NA

Client Sample ID: SB-36 (0-2)_HEX — Lab Sample ID: 240-145018-24

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Barium	130		38	0.68	mg/Kg	2	☼	6010B	Total/NA
Cadmium	0.21	J	0.38	0.090	mg/Kg	2	☼	6010B	Total/NA
Chromium	2600		0.94	0.28	mg/Kg	2	☼	6010B	Total/NA
Silver	0.30	J	0.94	0.15	mg/Kg	2	☼	6010B	Total/NA
Arsenic	11		1.9	0.59	mg/Kg	2	☼	6010B	Total/NA
Lead	280		1.9	0.53	mg/Kg	2	☼	6010B	Total/NA
Selenium	0.94	J	2.8	0.88	mg/Kg	2	☼	6010B	Total/NA

This Detection Summary does not include radiochemical test results.

Client Sample ID: SB-36 (0-2)_HEX (Continued) — Lab Sample ID: 240-145018-24

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Mercury	0.53	F1	0.13	0.023	mg/Kg	1	☼	7471A	Total/NA

Client Sample ID: SB-36 (0-2) — Lab Sample ID: 240-145018-25

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
1,1,1-Trichloroethane	34000		1700	540	ug/Kg	4	☼	8260B	Total/NA
1,1,2-Trichloroethane	630	J	1700	390	ug/Kg	4	☼	8260B	Total/NA
1,1-Dichloroethane	840	J	1700	330	ug/Kg	4	☼	8260B	Total/NA
Tetrachloroethene	860	J	1700	670	ug/Kg	4	☼	8260B	Total/NA
Trichloroethene	1100	J	1700	980	ug/Kg	4	☼	8260B	Total/NA
Xylenes, Total	2400	J	3400	620	ug/Kg	4	☼	8260B	Total/NA

Client Sample ID: SB-36 (2-4) — Lab Sample ID: 240-145018-26

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
1,1,1-Trichloroethane	24000		740	230	ug/Kg	2.5	☼	8260B	Total/NA
1,1,2-Trichloroethane	510	J	740	170	ug/Kg	2.5	☼	8260B	Total/NA
1,1-Dichloroethane	920		740	140	ug/Kg	2.5	☼	8260B	Total/NA
1,1-Dichloroethene	410	J	740	240	ug/Kg	2.5	☼	8260B	Total/NA
cis-1,2-Dichloroethene	150	J	740	120	ug/Kg	2.5	☼	8260B	Total/NA
Tetrachloroethene	770		740	290	ug/Kg	2.5	☼	8260B	Total/NA
Toluene	810		740	710	ug/Kg	2.5	☼	8260B	Total/NA
Trichloroethene	1100		740	420	ug/Kg	2.5	☼	8260B	Total/NA
Xylenes, Total	3000		1500	270	ug/Kg	2.5	☼	8260B	Total/NA

Client Sample ID: SB-36 (4-6) — Lab Sample ID: 240-145018-27

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
1,1,1-Trichloroethane	12000		500	160	ug/Kg	2	☼	8260B	Total/NA
1,1,2-Trichloroethane	430	J	500	110	ug/Kg	2	☼	8260B	Total/NA
1,1-Dichloroethane	1800		500	96	ug/Kg	2	☼	8260B	Total/NA
1,1-Dichloroethene	2600		500	160	ug/Kg	2	☼	8260B	Total/NA
1,2-Dichloroethane	150	J	500	94	ug/Kg	2	☼	8260B	Total/NA
Acetone	2900		2000	490	ug/Kg	2	☼	8260B	Total/NA
Benzene	130	J	500	84	ug/Kg	2	☼	8260B	Total/NA
cis-1,2-Dichloroethene	150	J	500	80	ug/Kg	2	☼	8260B	Total/NA
Ethylbenzene	920		500	94	ug/Kg	2	☼	8260B	Total/NA
2-Butanone (MEK)	1100	J	2000	310	ug/Kg	2	☼	8260B	Total/NA
4-Methyl-2-pentanone (MIBK)	1100	J	2000	480	ug/Kg	2	☼	8260B	Total/NA
Tetrachloroethene	240	J	500	190	ug/Kg	2	☼	8260B	Total/NA
Toluene	21000		500	480	ug/Kg	2	☼	8260B	Total/NA
Trichloroethene	790		500	290	ug/Kg	2	☼	8260B	Total/NA
Xylenes, Total	3700		1000	180	ug/Kg	2	☼	8260B	Total/NA

Client Sample ID: SB-53(0-2) — Lab Sample ID: 240-145018-29

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
1,1,1-Trichloroethane	310		300	95	ug/Kg	1	☼	8260B	Total/NA
1,1-Dichloroethane	250	J	300	58	ug/Kg	1	☼	8260B	Total/NA
Acetone	300	J	1200	300	ug/Kg	1	☼	8260B	Total/NA

This Detection Summary does not include radiochemical test results.

Detection Summary

Client: TRC Environmental Corporation.
Project/Site: ABB 2019 \ 2020

Job ID: 240-145018-1

Client Sample ID: SB-53(2-4) — Lab Sample ID: 240-145018-30

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
1,1-Dichloroethane	15		4.6	0.63	ug/Kg	1	☼	8260B	Total/NA
1,1-Dichloroethene	3.4	J	4.6	0.83	ug/Kg	1	☼	8260B	Total/NA

Client Sample ID: SB-53(4-6) — Lab Sample ID: 240-145018-31

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
1,1,1-Trichloroethane	740		340	110	ug/Kg	1	☼	8260B	Total/NA
1,1-Dichloroethane	230	J	340	65	ug/Kg	1	☼	8260B	Total/NA
1,1-Dichloroethene	130	J	340	110	ug/Kg	1	☼	8260B	Total/NA

Client Sample ID: DUPLICATE_01 — Lab Sample ID: 240-145018-32

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Chloroethane	3.5	J	4.8	1.2	ug/Kg	1	☼	8260B	Total/NA
1,1-Dichloroethane	91		4.8	0.67	ug/Kg	1	☼	8260B	Total/NA
1,1-Dichloroethene	71		4.8	0.87	ug/Kg	1	☼	8260B	Total/NA
1,1,1-Trichloroethane	200		4.8	0.79	ug/Kg	1	☼	8260B	Total/NA
Vinyl chloride	1.7	J	4.8	0.81	ug/Kg	1	☼	8260B	Total/NA

Client Sample ID: WCA02-02(0-2) — Lab Sample ID: 240-145018-33

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
1,1-Dichloroethane	4600		3400	660	ug/Kg	10	☼	8260B	Total/NA
Acetone	12000	J	14000	3300	ug/Kg	10	☼	8260B	Total/NA
Benzene	4000		3400	570	ug/Kg	10	☼	8260B	Total/NA
cis-1,2-Dichloroethene	700	J	3400	550	ug/Kg	10	☼	8260B	Total/NA
Ethylbenzene	7100		3400	640	ug/Kg	10	☼	8260B	Total/NA
2-Butanone (MEK)	4900	J	14000	2100	ug/Kg	10	☼	8260B	Total/NA
4-Methyl-2-pentanone (MIBK)	4000	J	14000	3300	ug/Kg	10	☼	8260B	Total/NA
Toluene	130000		3400	3300	ug/Kg	10	☼	8260B	Total/NA
Xylenes, Total	44000		6800	1200	ug/Kg	10	☼	8260B	Total/NA

Client Sample ID: WCA02-02(6-8) — Lab Sample ID: 240-145018-34

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
1,1,1-Trichloroethane	95000		2600	800	ug/Kg	10	☼	8260B	Total/NA
1,1,2-Trichloroethane	710	J	2600	580	ug/Kg	10	☼	8260B	Total/NA
1,1-Dichloroethane	7800		2600	490	ug/Kg	10	☼	8260B	Total/NA
1,1-Dichloroethene	26000		2600	840	ug/Kg	10	☼	8260B	Total/NA
Acetone	30000		10000	2500	ug/Kg	10	☼	8260B	Total/NA
Benzene	4000		2600	430	ug/Kg	10	☼	8260B	Total/NA
cis-1,2-Dichloroethene	1300	J	2600	410	ug/Kg	10	☼	8260B	Total/NA
2-Butanone (MEK)	19000		10000	1600	ug/Kg	10	☼	8260B	Total/NA
4-Methyl-2-pentanone (MIBK)	8900	J	10000	2400	ug/Kg	10	☼	8260B	Total/NA
Methylene Chloride	5100		5100	3900	ug/Kg	10	☼	8260B	Total/NA
Toluene	9500		2600	2500	ug/Kg	10	☼	8260B	Total/NA
Trichloroethene	1800	J	2600	1500	ug/Kg	10	☼	8260B	Total/NA

Client Sample ID: SB-40 (0-2) — Lab Sample ID: 240-145018-36

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Acetone	18	J	19	16	ug/Kg	1	☼	8260B	Total/NA
cis-1,2-Dichloroethene	2.2	J	3.7	0.48	ug/Kg	1	☼	8260B	Total/NA

This Detection Summary does not include radiochemical test results.

Eurofins TestAmerica, Canton

Client Sample ID: SB-40 (0-2) (Continued) — Lab Sample ID: 240-145018-36

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
1,1-Dichloroethane	3.3	J	3.7	0.51	ug/Kg	1	☼	8260B	Total/NA
Xylenes, Total	2.1	J	7.4	1.2	ug/Kg	1	☼	8260B	Total/NA

Client Sample ID: SB-40 (2-4) — Lab Sample ID: 240-145018-37

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Acetone	76		26	22	ug/Kg	1	☼	8260B	Total/NA
2-Butanone (MEK)	15	J	21	3.7	ug/Kg	1	☼	8260B	Total/NA
1,1-Dichloroethane	0.90	J	5.2	0.72	ug/Kg	1	☼	8260B	Total/NA

Client Sample ID: SB-40 (4-6) — Lab Sample ID: 240-145018-38

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
cis-1,2-Dichloroethene	1.0	J	4.9	0.64	ug/Kg	1	☼	8260B	Total/NA
1,1-Dichloroethane	93		4.9	0.68	ug/Kg	1	☼	8260B	Total/NA
1,2-Dichloroethane	1.0	J	4.9	0.76	ug/Kg	1	☼	8260B	Total/NA
1,1-Dichloroethene	95		4.9	0.89	ug/Kg	1	☼	8260B	Total/NA
1,4-Dioxane	170	J	250	22	ug/Kg	1	☼	8260B	Total/NA
1,1,1-Trichloroethane	36		4.9	0.81	ug/Kg	1	☼	8260B	Total/NA
Vinyl chloride	22		4.9	0.82	ug/Kg	1	☼	8260B	Total/NA

Client Sample ID: SB-46 (0-2) — Lab Sample ID: 240-145018-40

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
cis-1,2-Dichloroethene	0.78	J	3.9	0.51	ug/Kg	1	☼	8260B	Total/NA
Trichloroethene	3.7	J	3.9	0.49	ug/Kg	1	☼	8260B	Total/NA

Client Sample ID: SB-46 (2-4) — Lab Sample ID: 240-145018-41

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Acetone	62		24	20	ug/Kg	1	☼	8260B	Total/NA
2-Butanone (MEK)	8.7	J	19	3.4	ug/Kg	1	☼	8260B	Total/NA

Client Sample ID: SB-46 (4-6) — Lab Sample ID: 240-145018-42

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
1,1-Dichloroethane	16		4.7	0.65	ug/Kg	1	☼	8260B	Total/NA
1,1-Dichloroethene	73		4.7	0.85	ug/Kg	1	☼	8260B	Total/NA
1,4-Dioxane	50	J	240	21	ug/Kg	1	☼	8260B	Total/NA
1,1,1-Trichloroethane	130		4.7	0.77	ug/Kg	1	☼	8260B	Total/NA

Client Sample ID: SB-47 (0-2) — Lab Sample ID: 240-145018-44

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
cis-1,2-Dichloroethene	1.8	J	2.8	0.36	ug/Kg	1	☼	8260B	Total/NA
1,1-Dichloroethane	0.43	J	2.8	0.38	ug/Kg	1	☼	8260B	Total/NA
Trichloroethene	1.5	J	2.8	0.35	ug/Kg	1	☼	8260B	Total/NA
Xylenes, Total	1.9	J	5.5	0.87	ug/Kg	1	☼	8260B	Total/NA

Client Sample ID: SB-47 (2-4) — Lab Sample ID: 240-145018-45

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Acetone	130		24	20	ug/Kg	1	☼	8260B	Total/NA
2-Butanone (MEK)	19		19	3.4	ug/Kg	1	☼	8260B	Total/NA

This Detection Summary does not include radiochemical test results.

Client Sample ID: SB-47 (2-4) (Continued) — Lab Sample ID: 240-145018-45

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
1,1-Dichloroethane	1.5	J	4.7	0.66	ug/Kg	1	☼	8260B	Total/NA
1,4-Dioxane	26	J	240	21	ug/Kg	1	☼	8260B	Total/NA

Client Sample ID: SB-47 (4-6) — Lab Sample ID: 240-145018-46

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
1,1-Dichloroethane	120		5.1	0.71	ug/Kg	1	☼	8260B	Total/NA
1,2-Dichloroethane	1.5	J	5.1	0.79	ug/Kg	1	☼	8260B	Total/NA
1,1-Dichloroethene	210		5.1	0.93	ug/Kg	1	☼	8260B	Total/NA
1,4-Dioxane	160	J	260	23	ug/Kg	1	☼	8260B	Total/NA
1,1,1-Trichloroethane	200		5.1	0.84	ug/Kg	1	☼	8260B	Total/NA
Vinyl chloride	4.4	J	5.1	0.86	ug/Kg	1	☼	8260B	Total/NA

Client Sample ID: WCA04-01 — Lab Sample ID: 240-145018-47

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Acetone	88		21	18	ug/Kg	1	☼	8260B	Total/NA
2-Butanone (MEK)	8.7	J	17	3.1	ug/Kg	1	☼	8260B	Total/NA
cis-1,2-Dichloroethene	0.60	J	4.3	0.56	ug/Kg	1	☼	8260B	Total/NA
1,1-Dichloroethane	67		4.3	0.59	ug/Kg	1	☼	8260B	Total/NA
1,2-Dichloroethane	1.2	J	4.3	0.66	ug/Kg	1	☼	8260B	Total/NA
1,1-Dichloroethene	110		4.3	0.78	ug/Kg	1	☼	8260B	Total/NA
1,4-Dioxane	210		210	19	ug/Kg	1	☼	8260B	Total/NA
Toluene	0.92	J	4.3	0.66	ug/Kg	1	☼	8260B	Total/NA
1,1,1-Trichloroethane	1.6	J	4.3	0.70	ug/Kg	1	☼	8260B	Total/NA
Vinyl chloride	20		4.3	0.72	ug/Kg	1	☼	8260B	Total/NA
Arsenic	0.0070	J B	0.050	0.0041	mg/L	1		6010B	TCLP
Barium	0.081	J B	0.50	0.0013	mg/L	1		6010B	TCLP
Cadmium	0.0015	J	0.050	0.00020	mg/L	1		6010B	TCLP
Chromium	0.0026	J B	0.050	0.00063	mg/L	1		6010B	TCLP
Lead	0.010	J	0.050	0.0028	mg/L	1		6010B	TCLP
Flashpoint	>200		1.00	1.00	Degrees F	1		1010A	Total/NA
pH	6.3	HF	0.1	0.1	SU	1		9045D	Total/NA
Corrosivity	6.3	HF	0.1	0.1	SU	1		9045D	Total/NA

Client Sample ID: SB-50 (0-2) — Lab Sample ID: 240-145018-49

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
1,1-Dichloroethane	0.95	J	4.3	0.60	ug/Kg	1	☼	8260B	Total/NA
Tetrachloroethene	5.9		4.3	0.63	ug/Kg	1	☼	8260B	Total/NA
1,1,1-Trichloroethane	1.3	J	4.3	0.71	ug/Kg	1	☼	8260B	Total/NA

Client Sample ID: SB-50 (2-4) — Lab Sample ID: 240-145018-50

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Tetrachloroethene	270		260	99	ug/Kg	1	☼	8260B	Total/NA

Client Sample ID: SB-50 (4-6) — Lab Sample ID: 240-145018-51

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
1,1,1-Trichloroethane	300		280	86	ug/Kg	1	☼	8260B	Total/NA
1,1-Dichloroethane	170	J	280	53	ug/Kg	1	☼	8260B	Total/NA
1,1-Dichloroethene	140	J	280	90	ug/Kg	1	☼	8260B	Total/NA

This Detection Summary does not include radiochemical test results.

Client Sample ID: SB-50 (4-6) (Continued) — Lab Sample ID: 240-145018-51

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Tetrachloroethene	470		280	110	ug/Kg	1	☼	8260B	Total/NA
Trichloroethene	170	J	280	160	ug/Kg	1	☼	8260B	Total/NA

Client Sample ID: SB-42 (0-2) — Lab Sample ID: 240-145018-53

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
1,1-Dichloroethane	68	J	260	50	ug/Kg	1	☼	8260B	Total/NA
1,1-Dichloroethene	120	J	260	85	ug/Kg	1	☼	8260B	Total/NA
Tetrachloroethene	510		260	100	ug/Kg	1	☼	8260B	Total/NA

Client Sample ID: SB-42 (2-4) — Lab Sample ID: 240-145018-54

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
1,1,1-Trichloroethane	280	J	290	90	ug/Kg	1	☼	8260B	Total/NA
1,1-Dichloroethane	620		290	55	ug/Kg	1	☼	8260B	Total/NA
1,1-Dichloroethene	2900		290	94	ug/Kg	1	☼	8260B	Total/NA
cis-1,2-Dichloroethene	99	J	290	46	ug/Kg	1	☼	8260B	Total/NA
Ethylbenzene	160	J	290	54	ug/Kg	1	☼	8260B	Total/NA
Naphthalene	490		290	140	ug/Kg	1	☼	8260B	Total/NA
Isopropylbenzene	84	J	290	44	ug/Kg	1	☼	8260B	Total/NA
Tetrachloroethene	4900		290	110	ug/Kg	1	☼	8260B	Total/NA
Toluene	1000		290	280	ug/Kg	1	☼	8260B	Total/NA
Trichloroethene	760		290	160	ug/Kg	1	☼	8260B	Total/NA
Xylenes, Total	700		570	100	ug/Kg	1	☼	8260B	Total/NA

Client Sample ID: SB-42 (4-6) — Lab Sample ID: 240-145018-55

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
1,1,1-Trichloroethane	160000		5800	1800	ug/Kg	25	☼	8260B	Total/NA
1,1-Dichloroethane	16000		5800	1100	ug/Kg	25	☼	8260B	Total/NA
1,1-Dichloroethene	11000		5800	1900	ug/Kg	25	☼	8260B	Total/NA
Ethylbenzene	2300	J	5800	1100	ug/Kg	25	☼	8260B	Total/NA
Naphthalene	12000		5800	2700	ug/Kg	25	☼	8260B	Total/NA
Tetrachloroethene	140000		5800	2300	ug/Kg	25	☼	8260B	Total/NA
Toluene	31000		5800	5600	ug/Kg	25	☼	8260B	Total/NA
Trichloroethene	6700		5800	3300	ug/Kg	25	☼	8260B	Total/NA
Xylenes, Total	12000		12000	2100	ug/Kg	25	☼	8260B	Total/NA

Client Sample ID: SB-43 (0-2) — Lab Sample ID: 240-145018-57

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
cis-1,2-Dichloroethene	4.1		3.5	0.45	ug/Kg	1	☼	8260B	Total/NA
1,1-Dichloroethane	9.1		3.5	0.48	ug/Kg	1	☼	8260B	Total/NA
Tetrachloroethene	18		3.5	0.51	ug/Kg	1	☼	8260B	Total/NA
Toluene	0.95	J	3.5	0.54	ug/Kg	1	☼	8260B	Total/NA
1,1,1-Trichloroethane	2.9	J	3.5	0.57	ug/Kg	1	☼	8260B	Total/NA
Trichloroethene	2.2	J	3.5	0.44	ug/Kg	1	☼	8260B	Total/NA

Client Sample ID: SB-43 (2-4) — Lab Sample ID: 240-145018-58

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
1,1,1-Trichloroethane	370		340	110	ug/Kg	1	☼	8260B	Total/NA
1,1-Dichloroethane	1800		340	65	ug/Kg	1	☼	8260B	Total/NA

This Detection Summary does not include radiochemical test results.

Client Sample ID: SB-43 (2-4) (Continued) — Lab Sample ID: 240-145018-58

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
1,1-Dichloroethene	540		340	110	ug/Kg	1	☼	8260B	Total/NA
cis-1,2-Dichloroethene	1300		340	54	ug/Kg	1	☼	8260B	Total/NA
Ethylbenzene	750		340	64	ug/Kg	1	☼	8260B	Total/NA
Tetrachloroethene	470		340	130	ug/Kg	1	☼	8260B	Total/NA
Toluene	3900		340	330	ug/Kg	1	☼	8260B	Total/NA
Trichloroethene	720		340	190	ug/Kg	1	☼	8260B	Total/NA
Xylenes, Total	4000		680	120	ug/Kg	1	☼	8260B	Total/NA

Client Sample ID: SB-43 (4-6) — Lab Sample ID: 240-145018-59

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
1,1,1-Trichloroethane	22000		840	260	ug/Kg	3.333	☼	8260B	Total/NA
1,1,2-Trichloroethane	220	J	840	190	ug/Kg	3.333	☼	8260B	Total/NA
1,1-Dichloroethane	5900		840	160	ug/Kg	3.333	☼	8260B	Total/NA
1,1-Dichloroethene	3300		840	280	ug/Kg	3.333	☼	8260B	Total/NA
cis-1,2-Dichloroethene	1400		840	130	ug/Kg	3.333	☼	8260B	Total/NA
Ethylbenzene	460	J	840	160	ug/Kg	3.333	☼	8260B	Total/NA
Tetrachloroethene	950		840	330	ug/Kg	3.333	☼	8260B	Total/NA
Toluene	2100		840	810	ug/Kg	3.333	☼	8260B	Total/NA
Trichloroethene	5900		840	480	ug/Kg	3.333	☼	8260B	Total/NA
Xylenes, Total	1800		1700	310	ug/Kg	3.333	☼	8260B	Total/NA

Client Sample ID: SB-43 (6-8) — Lab Sample ID: 240-145018-60

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
1,1,1-Trichloroethane	51000		4800	1500	ug/Kg	25	☼	8260B	Total/NA
1,1-Dichloroethane	140000		4800	930	ug/Kg	25	☼	8260B	Total/NA
1,1-Dichloroethene	2900	J	4800	1600	ug/Kg	25	☼	8260B	Total/NA
Ethylbenzene	1600	J	4800	910	ug/Kg	25	☼	8260B	Total/NA
Tetrachloroethene	71000		4800	1900	ug/Kg	25	☼	8260B	Total/NA
Toluene	67000		4800	4700	ug/Kg	25	☼	8260B	Total/NA
Xylenes, Total	12000		9700	1800	ug/Kg	25	☼	8260B	Total/NA

Client Sample ID: SB-43 (8-10) — Lab Sample ID: 240-145018-61

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
1,1-Dichloroethane	96000		2400	460	ug/Kg	10	☼	8260B	Total/NA
Ethylbenzene	480	J	2400	450	ug/Kg	10	☼	8260B	Total/NA
Tetrachloroethene	24000		2400	930	ug/Kg	10	☼	8260B	Total/NA
Toluene	26000		2400	2300	ug/Kg	10	☼	8260B	Total/NA
Xylenes, Total	3100	J	4800	870	ug/Kg	10	☼	8260B	Total/NA

Client Sample ID: DUP-02 — Lab Sample ID: 240-145018-62

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
1,1,1-Trichloroethane	3200		2300	730	ug/Kg	10	☼	8260B	Total/NA
1,1-Dichloroethane	89000		2300	450	ug/Kg	10	☼	8260B	Total/NA
Ethylbenzene	650	J	2300	440	ug/Kg	10	☼	8260B	Total/NA
Tetrachloroethene	12000		2300	910	ug/Kg	10	☼	8260B	Total/NA
Toluene	29000		2300	2300	ug/Kg	10	☼	8260B	Total/NA
Xylenes, Total	3500	J	4700	860	ug/Kg	10	☼	8260B	Total/NA

This Detection Summary does not include radiochemical test results.

Client Sample Results

Client: TRC Environmental Corporation.
Project/Site: ABB 2019 \ 2020

Job ID: 240-145018-1

Client Sample ID: SB-52 (0-2)

Date Collected: 02/24/21 15:30
Date Received: 02/25/21 16:22

Lab Sample ID: 240-145018-1

Matrix: Solid
Percent Solids: 84.2

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	**680**		260	81	ug/Kg	☼	03/03/21 21:54	03/06/21 16:32	1
1,1,2,2-Tetrachloroethane	<160		260	160	ug/Kg	☼	03/03/21 21:54	03/06/21 16:32	1
1,1,2-Trichloroethane	<59		260	59	ug/Kg	☼	03/03/21 21:54	03/06/21 16:32	1
1,1-Dichloroethane	**190**	**J**	260	50	ug/Kg	☼	03/03/21 21:54	03/06/21 16:32	1
1,1-Dichloroethene	<85		260	85	ug/Kg	☼	03/03/21 21:54	03/06/21 16:32	1
1,2,4-Trichlorobenzene	<140		260	140	ug/Kg	☼	03/03/21 21:54	03/06/21 16:32	1
1,2-Dibromo-3-Chloropropane	<230		520	230	ug/Kg	☼	03/03/21 21:54	03/06/21 16:32	1
1,2-Dichlorobenzene	<120		260	120	ug/Kg	☼	03/03/21 21:54	03/06/21 16:32	1
1,2-Dichloroethane	<49		260	49	ug/Kg	☼	03/03/21 21:54	03/06/21 16:32	1
1,2-Dichloropropane	<39		260	39	ug/Kg	☼	03/03/21 21:54	03/06/21 16:32	1
1,3-Dichlorobenzene	<48		260	48	ug/Kg	☼	03/03/21 21:54	03/06/21 16:32	1
1,4-Dichlorobenzene	<57		260	57	ug/Kg	☼	03/03/21 21:54	03/06/21 16:32	1
1,4-Dioxane	<2400		13000	2400	ug/Kg	☼	03/03/21 21:54	03/06/21 16:32	1
2-Hexanone	<270		1000	270	ug/Kg	☼	03/03/21 21:54	03/06/21 16:32	1
Acetone	<250		1000	250	ug/Kg	☼	03/03/21 21:54	03/06/21 16:32	1
Benzene	<44		260	44	ug/Kg	☼	03/03/21 21:54	03/06/21 16:32	1
Bromoform	<240		260	240	ug/Kg	☼	03/03/21 21:54	03/06/21 16:32	1
Bromomethane	<170		260	170	ug/Kg	☼	03/03/21 21:54	03/06/21 16:32	1
Carbon disulfide	<110		260	110	ug/Kg	☼	03/03/21 21:54	03/06/21 16:32	1
Carbon tetrachloride	<110		260	110	ug/Kg	☼	03/03/21 21:54	03/06/21 16:32	1
Chlorobenzene	<36		260	36	ug/Kg	☼	03/03/21 21:54	03/06/21 16:32	1
Chloroethane	<160		260	160	ug/Kg	☼	03/03/21 21:54	03/06/21 16:32	1
Chloroform	<56		260	56	ug/Kg	☼	03/03/21 21:54	03/06/21 16:32	1
Chloromethane	<69		260	69	ug/Kg	☼	03/03/21 21:54	03/06/21 16:32	1
cis-1,2-Dichloroethene	<42		260	42	ug/Kg	☼	03/03/21 21:54	03/06/21 16:32	1
cis-1,3-Dichloropropene	<130		260	130	ug/Kg	☼	03/03/21 21:54	03/06/21 16:32	1
Dichlorobromomethane	<29		260	29	ug/Kg	☼	03/03/21 21:54	03/06/21 16:32	1
Dichlorodifluoromethane	<55		260	55	ug/Kg	☼	03/03/21 21:54	03/06/21 16:32	1
Ethylbenzene	<49		260	49	ug/Kg	☼	03/03/21 21:54	03/06/21 16:32	1
Ethylene Dibromide	<82		260	82	ug/Kg	☼	03/03/21 21:54	03/06/21 16:32	1
Naphthalene	<120		260	120	ug/Kg	☼	03/03/21 21:54	03/06/21 16:32	1
Isopropylbenzene	<40		260	40	ug/Kg	☼	03/03/21 21:54	03/06/21 16:32	1
2-Butanone (MEK)	<160		1000	160	ug/Kg	☼	03/03/21 21:54	03/06/21 16:32	1
4-Methyl-2-pentanone (MIBK)	<250		1000	250	ug/Kg	☼	03/03/21 21:54	03/06/21 16:32	1
Methyl tert-butyl ether	<39	*+	260	39	ug/Kg	☼	03/03/21 21:54	03/06/21 16:32	1
Methylene Chloride	<400		520	400	ug/Kg	☼	03/03/21 21:54	03/06/21 16:32	1
Styrene	<54		260	54	ug/Kg	☼	03/03/21 21:54	03/06/21 16:32	1
Tetrachloroethene	<100		260	100	ug/Kg	☼	03/03/21 21:54	03/06/21 16:32	1
Toluene	<250		260	250	ug/Kg	☼	03/03/21 21:54	03/06/21 16:32	1
trans-1,2-Dichloroethene	<65		260	65	ug/Kg	☼	03/03/21 21:54	03/06/21 16:32	1
trans-1,3-Dichloropropene	<110		260	110	ug/Kg	☼	03/03/21 21:54	03/06/21 16:32	1
Trichloroethene	<150		260	150	ug/Kg	☼	03/03/21 21:54	03/06/21 16:32	1
Trichlorofluoromethane	<140		260	140	ug/Kg	☼	03/03/21 21:54	03/06/21 16:32	1
Vinyl chloride	<130		260	130	ug/Kg	☼	03/03/21 21:54	03/06/21 16:32	1
Xylenes, Total	<95		520	95	ug/Kg	☼	03/03/21 21:54	03/06/21 16:32	1
Chlorodibromomethane	<120		260	120	ug/Kg	☼	03/03/21 21:54	03/06/21 16:32	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*121*		*47 - 136*	*03/03/21 21:54*	*03/06/21 16:32*	*1*
4-Bromofluorobenzene (Surr)	*88*		*51 - 124*	*03/03/21 21:54*	*03/06/21 16:32*	*1*

Client: TRC Environmental Corporation.
Project/Site: ABB 2019 \ 2020

Job ID: 240-145018-1

Client Sample ID: SB-52 (0-2)

Date Collected: 02/24/21 15:30
Date Received: 02/25/21 16:22

Lab Sample ID: 240-145018-1

Matrix: Solid
Percent Solids: 84.2

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Toluene-d8 (Surr)	*91*		*55 - 123*	*03/03/21 21:54*	*03/06/21 16:32*	*1*
Dibromofluoromethane (Surr)	*92*		*49 - 122*	*03/03/21 21:54*	*03/06/21 16:32*	*1*

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Solids	**84.2**		0.1	0.1	%			02/26/21 13:53	1
Percent Moisture	**15.8**		0.1	0.1	%			02/26/21 13:53	1

Client Sample Results

Client: TRC Environmental Corporation.
Project/Site: ABB 2019 \ 2020

Job ID: 240-145018-1

Client Sample ID: SB-52 (2-4)

Date Collected: 02/24/21 15:40
Date Received: 02/25/21 16:22

Lab Sample ID: 240-145018-2

Matrix: Solid
Percent Solids: 75.5

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	<23		27	23	ug/Kg	☼	02/26/21 12:00	03/05/21 20:00	1
Benzene	<0.75		5.4	0.75	ug/Kg	☼	02/26/21 12:00	03/05/21 20:00	1
Bromoform	<2.6		5.4	2.6	ug/Kg	☼	02/26/21 12:00	03/05/21 20:00	1
Bromomethane	<1.1		5.4	1.1	ug/Kg	☼	02/26/21 12:00	03/05/21 20:00	1
2-Butanone (MEK)	<3.8		21	3.8	ug/Kg	☼	02/26/21 12:00	03/05/21 20:00	1
Carbon disulfide	<1.2		5.4	1.2	ug/Kg	☼	02/26/21 12:00	03/05/21 20:00	1
Carbon tetrachloride	<3.5		5.4	3.5	ug/Kg	☼	02/26/21 12:00	03/05/21 20:00	1
Chlorobenzene	<0.98		5.4	0.98	ug/Kg	☼	02/26/21 12:00	03/05/21 20:00	1
Chlorodibromomethane	<3.0		5.4	3.0	ug/Kg	☼	02/26/21 12:00	03/05/21 20:00	1
Chloroethane	<1.3		5.4	1.3	ug/Kg	☼	02/26/21 12:00	03/05/21 20:00	1
Chloroform	<0.85		5.4	0.85	ug/Kg	☼	02/26/21 12:00	03/05/21 20:00	1
Chloromethane	<1.1		5.4	1.1	ug/Kg	☼	02/26/21 12:00	03/05/21 20:00	1
cis-1,2-Dichloroethene	<0.70		5.4	0.70	ug/Kg	☼	02/26/21 12:00	03/05/21 20:00	1
cis-1,3-Dichloropropene	<1.5		5.4	1.5	ug/Kg	☼	02/26/21 12:00	03/05/21 20:00	1
1,2-Dibromo-3-Chloropropane	<3.9		11	3.9	ug/Kg	☼	02/26/21 12:00	03/05/21 20:00	1
1,2-Dichlorobenzene	<1.2		5.4	1.2	ug/Kg	☼	02/26/21 12:00	03/05/21 20:00	1
1,3-Dichlorobenzene	<0.88		5.4	0.88	ug/Kg	☼	02/26/21 12:00	03/05/21 20:00	1
1,4-Dichlorobenzene	<0.95		5.4	0.95	ug/Kg	☼	02/26/21 12:00	03/05/21 20:00	1
Dichlorobromomethane	<0.73		5.4	0.73	ug/Kg	☼	02/26/21 12:00	03/05/21 20:00	1
Dichlorodifluoromethane	<1.0		5.4	1.0	ug/Kg	☼	02/26/21 12:00	03/05/21 20:00	1
1,1-Dichloroethane	**57**		5.4	0.74	ug/Kg	☼	02/26/21 12:00	03/05/21 20:00	1
1,2-Dichloroethane	<0.83		5.4	0.83	ug/Kg	☼	02/26/21 12:00	03/05/21 20:00	1
1,1-Dichloroethene	**7.0**		5.4	0.97	ug/Kg	☼	02/26/21 12:00	03/05/21 20:00	1
1,2-Dichloropropane	<0.91		5.4	0.91	ug/Kg	☼	02/26/21 12:00	03/05/21 20:00	1
1,4-Dioxane	**35**	**J**	270	24	ug/Kg	☼	02/26/21 12:00	03/05/21 20:00	1
Ethylbenzene	<1.1		5.4	1.1	ug/Kg	☼	02/26/21 12:00	03/05/21 20:00	1
Ethylene Dibromide	<0.83		5.4	0.83	ug/Kg	☼	02/26/21 12:00	03/05/21 20:00	1
2-Hexanone	<4.4		21	4.4	ug/Kg	☼	02/26/21 12:00	03/05/21 20:00	1
Isopropylbenzene	<0.89		5.4	0.89	ug/Kg	☼	02/26/21 12:00	03/05/21 20:00	1
Methylene Chloride	<13		27	13	ug/Kg	☼	02/26/21 12:00	03/05/21 20:00	1
4-Methyl-2-pentanone (MIBK)	<4.0	*+	21	4.0	ug/Kg	☼	02/26/21 12:00	03/05/21 20:00	1
Methyl tert-butyl ether	<0.88	*+	5.4	0.88	ug/Kg	☼	02/26/21 12:00	03/05/21 20:00	1
Styrene	<1.2		5.4	1.2	ug/Kg	☼	02/26/21 12:00	03/05/21 20:00	1
1,1,2,2-Tetrachloroethane	<1.5		5.4	1.5	ug/Kg	☼	02/26/21 12:00	03/05/21 20:00	1
Tetrachloroethene	<0.78		5.4	0.78	ug/Kg	☼	02/26/21 12:00	03/05/21 20:00	1
Toluene	<0.83		5.4	0.83	ug/Kg	☼	02/26/21 12:00	03/05/21 20:00	1
trans-1,2-Dichloroethene	<0.50		5.4	0.50	ug/Kg	☼	02/26/21 12:00	03/05/21 20:00	1
trans-1,3-Dichloropropene	<1.1		5.4	1.1	ug/Kg	☼	02/26/21 12:00	03/05/21 20:00	1
1,2,4-Trichlorobenzene	<0.61		5.4	0.61	ug/Kg	☼	02/26/21 12:00	03/05/21 20:00	1
1,1,1-Trichloroethane	**130**		5.4	0.88	ug/Kg	☼	02/26/21 12:00	03/05/21 20:00	1
1,1,2-Trichloroethane	<1.2		5.4	1.2	ug/Kg	☼	02/26/21 12:00	03/05/21 20:00	1
Trichloroethene	<0.68		5.4	0.68	ug/Kg	☼	02/26/21 12:00	03/05/21 20:00	1
Trichlorofluoromethane	<1.2		5.4	1.2	ug/Kg	☼	02/26/21 12:00	03/05/21 20:00	1
Vinyl chloride	<0.90		5.4	0.90	ug/Kg	☼	02/26/21 12:00	03/05/21 20:00	1
Xylenes, Total	<1.7		11	1.7	ug/Kg	☼	02/26/21 12:00	03/05/21 20:00	1
Naphthalene	<2.9		5.4	2.9	ug/Kg	☼	02/26/21 12:00	03/05/21 20:00	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*112*		*51 - 127*	*02/26/21 12:00*	*03/05/21 20:00*	*1*
Dibromofluoromethane (Surr)	*93*		*56 - 122*	*02/26/21 12:00*	*03/05/21 20:00*	*1*

Client Sample Results

Client: TRC Environmental Corporation.
Project/Site: ABB 2019 \ 2020

Job ID: 240-145018-1

Client Sample ID: SB-52 (2-4)

Date Collected: 02/24/21 15:40
Date Received: 02/25/21 16:22

Lab Sample ID: 240-145018-2

Matrix: Solid
Percent Solids: 75.5

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*99*		*59 - 120*	*02/26/21 12:00*	*03/05/21 20:00*	*1*
Toluene-d8 (Surr)	*107*		*64 - 124*	*02/26/21 12:00*	*03/05/21 20:00*	*1*

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Solids	**75.5**		0.1	0.1	%			02/26/21 13:53	1
Percent Moisture	**24.5**		0.1	0.1	%			02/26/21 13:53	1

Client Sample Results

Client: TRC Environmental Corporation.
Project/Site: ABB 2019 \ 2020

Job ID: 240-145018-1

Client Sample ID: SB-52 (4-6)

Date Collected: 02/24/21 15:45
Date Received: 02/25/21 16:22

Lab Sample ID: 240-145018-3

Matrix: Solid
Percent Solids: 76.1

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	**110**	**J**	340	110	ug/Kg	☼	03/03/21 21:54	03/06/21 16:55	1
1,1,2,2-Tetrachloroethane	<200		340	200	ug/Kg	☼	03/03/21 21:54	03/06/21 16:55	1
1,1,2-Trichloroethane	<77		340	77	ug/Kg	☼	03/03/21 21:54	03/06/21 16:55	1
1,1-Dichloroethane	**1100**		340	65	ug/Kg	☼	03/03/21 21:54	03/06/21 16:55	1
1,1-Dichloroethene	**1400**		340	110	ug/Kg	☼	03/03/21 21:54	03/06/21 16:55	1
1,2,4-Trichlorobenzene	<180		340	180	ug/Kg	☼	03/03/21 21:54	03/06/21 16:55	1
1,2-Dibromo-3-Chloropropane	<300		670	300	ug/Kg	☼	03/03/21 21:54	03/06/21 16:55	1
1,2-Dichlorobenzene	<160		340	160	ug/Kg	☼	03/03/21 21:54	03/06/21 16:55	1
1,2-Dichloroethane	<63		340	63	ug/Kg	☼	03/03/21 21:54	03/06/21 16:55	1
1,2-Dichloropropane	<50		340	50	ug/Kg	☼	03/03/21 21:54	03/06/21 16:55	1
1,3-Dichlorobenzene	<62		340	62	ug/Kg	☼	03/03/21 21:54	03/06/21 16:55	1
1,4-Dichlorobenzene	<74		340	74	ug/Kg	☼	03/03/21 21:54	03/06/21 16:55	1
1,4-Dioxane	<3100		17000	3100	ug/Kg	☼	03/03/21 21:54	03/06/21 16:55	1
2-Hexanone	<350		1300	350	ug/Kg	☼	03/03/21 21:54	03/06/21 16:55	1
Acetone	<330		1300	330	ug/Kg	☼	03/03/21 21:54	03/06/21 16:55	1
Benzene	<57		340	57	ug/Kg	☼	03/03/21 21:54	03/06/21 16:55	1
Bromoform	<310		340	310	ug/Kg	☼	03/03/21 21:54	03/06/21 16:55	1
Bromomethane	<220		340	220	ug/Kg	☼	03/03/21 21:54	03/06/21 16:55	1
Carbon disulfide	<150		340	150	ug/Kg	☼	03/03/21 21:54	03/06/21 16:55	1
Carbon tetrachloride	<140		340	140	ug/Kg	☼	03/03/21 21:54	03/06/21 16:55	1
Chlorobenzene	<47		340	47	ug/Kg	☼	03/03/21 21:54	03/06/21 16:55	1
Chloroethane	<200		340	200	ug/Kg	☼	03/03/21 21:54	03/06/21 16:55	1
Chloroform	<73		340	73	ug/Kg	☼	03/03/21 21:54	03/06/21 16:55	1
Chloromethane	<89		340	89	ug/Kg	☼	03/03/21 21:54	03/06/21 16:55	1
cis-1,2-Dichloroethene	<54		340	54	ug/Kg	☼	03/03/21 21:54	03/06/21 16:55	1
cis-1,3-Dichloropropene	<170		340	170	ug/Kg	☼	03/03/21 21:54	03/06/21 16:55	1
Dichlorobromomethane	<38		340	38	ug/Kg	☼	03/03/21 21:54	03/06/21 16:55	1
Dichlorodifluoromethane	<71		340	71	ug/Kg	☼	03/03/21 21:54	03/06/21 16:55	1
Ethylbenzene	<63		340	63	ug/Kg	☼	03/03/21 21:54	03/06/21 16:55	1
Ethylene Dibromide	<110		340	110	ug/Kg	☼	03/03/21 21:54	03/06/21 16:55	1
Naphthalene	<160		340	160	ug/Kg	☼	03/03/21 21:54	03/06/21 16:55	1
Isopropylbenzene	<51		340	51	ug/Kg	☼	03/03/21 21:54	03/06/21 16:55	1
2-Butanone (MEK)	<210		1300	210	ug/Kg	☼	03/03/21 21:54	03/06/21 16:55	1
4-Methyl-2-pentanone (MIBK)	<320		1300	320	ug/Kg	☼	03/03/21 21:54	03/06/21 16:55	1
Methyl tert-butyl ether	<50	*+	340	50	ug/Kg	☼	03/03/21 21:54	03/06/21 16:55	1
Methylene Chloride	<520		670	520	ug/Kg	☼	03/03/21 21:54	03/06/21 16:55	1
Styrene	<70		340	70	ug/Kg	☼	03/03/21 21:54	03/06/21 16:55	1
Tetrachloroethene	<130		340	130	ug/Kg	☼	03/03/21 21:54	03/06/21 16:55	1
Toluene	<320		340	320	ug/Kg	☼	03/03/21 21:54	03/06/21 16:55	1
trans-1,2-Dichloroethene	<84		340	84	ug/Kg	☼	03/03/21 21:54	03/06/21 16:55	1
trans-1,3-Dichloropropene	<140		340	140	ug/Kg	☼	03/03/21 21:54	03/06/21 16:55	1
Trichloroethene	<190		340	190	ug/Kg	☼	03/03/21 21:54	03/06/21 16:55	1
Trichlorofluoromethane	<180		340	180	ug/Kg	☼	03/03/21 21:54	03/06/21 16:55	1
Vinyl chloride	<170		340	170	ug/Kg	☼	03/03/21 21:54	03/06/21 16:55	1
Xylenes, Total	<120		670	120	ug/Kg	☼	03/03/21 21:54	03/06/21 16:55	1
Chlorodibromomethane	<160		340	160	ug/Kg	☼	03/03/21 21:54	03/06/21 16:55	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*118*		*47 - 136*	*03/03/21 21:54*	*03/06/21 16:55*	*1*
4-Bromofluorobenzene (Surr)	*79*		*51 - 124*	*03/03/21 21:54*	*03/06/21 16:55*	*1*

Client Sample Results

Client: TRC Environmental Corporation.
Project/Site: ABB 2019 \ 2020

Job ID: 240-145018-1

Client Sample ID: SB-52 (4-6)

Date Collected: 02/24/21 15:45
Date Received: 02/25/21 16:22

Lab Sample ID: 240-145018-3

Matrix: Solid
Percent Solids: 76.1

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Toluene-d8 (Surr)	*91*		*55 - 123*	*03/03/21 21:54*	*03/06/21 16:55*	*1*
Dibromofluoromethane (Surr)	*91*		*49 - 122*	*03/03/21 21:54*	*03/06/21 16:55*	*1*

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Solids	**76.1**		0.1	0.1	%			02/26/21 13:53	1
Percent Moisture	**23.9**		0.1	0.1	%			02/26/21 13:53	1

Client Sample Results

Client: TRC Environmental Corporation.
Project/Site: ABB 2019 \ 2020

Job ID: 240-145018-1

Client Sample ID: SB-48 (0-2)

Date Collected: 02/24/21 16:15
Date Received: 02/25/21 16:22

Lab Sample ID: 240-145018-5

Matrix: Solid
Percent Solids: 81.6

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	**68**	**B**	31	26	ug/Kg	☼	02/26/21 12:00	03/05/21 20:25	1
Benzene	<0.87		6.3	0.87	ug/Kg	☼	02/26/21 12:00	03/05/21 20:25	1
Bromoform	<3.0		6.3	3.0	ug/Kg	☼	02/26/21 12:00	03/05/21 20:25	1
Bromomethane	<1.2		6.3	1.2	ug/Kg	☼	02/26/21 12:00	03/05/21 20:25	1
2-Butanone (MEK)	**15**	**J**	25	4.4	ug/Kg	☼	02/26/21 12:00	03/05/21 20:25	1
Carbon disulfide	<1.5		6.3	1.5	ug/Kg	☼	02/26/21 12:00	03/05/21 20:25	1
Carbon tetrachloride	<4.1		6.3	4.1	ug/Kg	☼	02/26/21 12:00	03/05/21 20:25	1
Chlorobenzene	<1.1		6.3	1.1	ug/Kg	☼	02/26/21 12:00	03/05/21 20:25	1
Chlorodibromomethane	<3.5		6.3	3.5	ug/Kg	☼	02/26/21 12:00	03/05/21 20:25	1
Chloroethane	<1.5		6.3	1.5	ug/Kg	☼	02/26/21 12:00	03/05/21 20:25	1
Chloroform	<0.99		6.3	0.99	ug/Kg	☼	02/26/21 12:00	03/05/21 20:25	1
Chloromethane	<1.3		6.3	1.3	ug/Kg	☼	02/26/21 12:00	03/05/21 20:25	1
cis-1,2-Dichloroethene	<0.81		6.3	0.81	ug/Kg	☼	02/26/21 12:00	03/05/21 20:25	1
cis-1,3-Dichloropropene	<1.8		6.3	1.8	ug/Kg	☼	02/26/21 12:00	03/05/21 20:25	1
1,2-Dibromo-3-Chloropropane	<4.5		13	4.5	ug/Kg	☼	02/26/21 12:00	03/05/21 20:25	1
1,2-Dichlorobenzene	<1.4		6.3	1.4	ug/Kg	☼	02/26/21 12:00	03/05/21 20:25	1
1,3-Dichlorobenzene	<1.0		6.3	1.0	ug/Kg	☼	02/26/21 12:00	03/05/21 20:25	1
1,4-Dichlorobenzene	<1.1		6.3	1.1	ug/Kg	☼	02/26/21 12:00	03/05/21 20:25	1
Dichlorobromomethane	<0.85		6.3	0.85	ug/Kg	☼	02/26/21 12:00	03/05/21 20:25	1
Dichlorodifluoromethane	<1.2		6.3	1.2	ug/Kg	☼	02/26/21 12:00	03/05/21 20:25	1
1,1-Dichloroethane	**1.8**	**J**	6.3	0.87	ug/Kg	☼	02/26/21 12:00	03/05/21 20:25	1
1,2-Dichloroethane	<0.97		6.3	0.97	ug/Kg	☼	02/26/21 12:00	03/05/21 20:25	1
1,1-Dichloroethene	<1.1		6.3	1.1	ug/Kg	☼	02/26/21 12:00	03/05/21 20:25	1
1,2-Dichloropropane	<1.1		6.3	1.1	ug/Kg	☼	02/26/21 12:00	03/05/21 20:25	1
1,4-Dioxane	<28		310	28	ug/Kg	☼	02/26/21 12:00	03/05/21 20:25	1
Ethylbenzene	<1.3		6.3	1.3	ug/Kg	☼	02/26/21 12:00	03/05/21 20:25	1
Ethylene Dibromide	<0.96		6.3	0.96	ug/Kg	☼	02/26/21 12:00	03/05/21 20:25	1
2-Hexanone	<5.1		25	5.1	ug/Kg	☼	02/26/21 12:00	03/05/21 20:25	1
Isopropylbenzene	<1.0		6.3	1.0	ug/Kg	☼	02/26/21 12:00	03/05/21 20:25	1
Methylene Chloride	<15		31	15	ug/Kg	☼	02/26/21 12:00	03/05/21 20:25	1
4-Methyl-2-pentanone (MIBK)	<4.6	*+	25	4.6	ug/Kg	☼	02/26/21 12:00	03/05/21 20:25	1
Methyl tert-butyl ether	<1.0	*+	6.3	1.0	ug/Kg	☼	02/26/21 12:00	03/05/21 20:25	1
Styrene	<1.4		6.3	1.4	ug/Kg	☼	02/26/21 12:00	03/05/21 20:25	1
1,1,2,2-Tetrachloroethane	<1.8		6.3	1.8	ug/Kg	☼	02/26/21 12:00	03/05/21 20:25	1
Tetrachloroethene	<0.91		6.3	0.91	ug/Kg	☼	02/26/21 12:00	03/05/21 20:25	1
Toluene	**1.5**	**J**	6.3	0.97	ug/Kg	☼	02/26/21 12:00	03/05/21 20:25	1
trans-1,2-Dichloroethene	<0.58		6.3	0.58	ug/Kg	☼	02/26/21 12:00	03/05/21 20:25	1
trans-1,3-Dichloropropene	<1.3		6.3	1.3	ug/Kg	☼	02/26/21 12:00	03/05/21 20:25	1
1,2,4-Trichlorobenzene	<0.72		6.3	0.72	ug/Kg	☼	02/26/21 12:00	03/05/21 20:25	1
1,1,1-Trichloroethane	<1.0		6.3	1.0	ug/Kg	☼	02/26/21 12:00	03/05/21 20:25	1
1,1,2-Trichloroethane	<1.4		6.3	1.4	ug/Kg	☼	02/26/21 12:00	03/05/21 20:25	1
Trichloroethene	**0.98**	**J**	6.3	0.79	ug/Kg	☼	02/26/21 12:00	03/05/21 20:25	1
Trichlorofluoromethane	<1.3		6.3	1.3	ug/Kg	☼	02/26/21 12:00	03/05/21 20:25	1
Vinyl chloride	<1.0		6.3	1.0	ug/Kg	☼	02/26/21 12:00	03/05/21 20:25	1
Xylenes, Total	**6.8**	**J**	13	2.0	ug/Kg	☼	02/26/21 12:00	03/05/21 20:25	1
Naphthalene	<3.4		6.3	3.4	ug/Kg	☼	02/26/21 12:00	03/05/21 20:25	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*119*		*51 - 127*	*02/26/21 12:00*	*03/05/21 20:25*	*1*
Dibromofluoromethane (Surr)	*93*		*56 - 122*	*02/26/21 12:00*	*03/05/21 20:25*	*1*

Client: TRC Environmental Corporation.
Project/Site: ABB 2019 \ 2020

Job ID: 240-145018-1

Client Sample ID: SB-48 (0-2)

Date Collected: 02/24/21 16:15
Date Received: 02/25/21 16:22

Lab Sample ID: 240-145018-5

Matrix: Solid
Percent Solids: 81.6

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*97*		*59 - 120*	*02/26/21 12:00*	*03/05/21 20:25*	*1*
Toluene-d8 (Surr)	*108*		*64 - 124*	*02/26/21 12:00*	*03/05/21 20:25*	*1*

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Solids	**81.6**		0.1	0.1	%			02/26/21 13:53	1
Percent Moisture	**18.4**		0.1	0.1	%			02/26/21 13:53	1

Client Sample Results

Client: TRC Environmental Corporation.
Project/Site: ABB 2019 \ 2020

Job ID: 240-145018-1

Client Sample ID: SB-48 (2-4)

Date Collected: 02/24/21 16:20
Date Received: 02/25/21 16:22

Lab Sample ID: 240-145018-6

Matrix: Solid
Percent Solids: 78.7

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	**83**	**B**	26	22	ug/Kg	☼	02/26/21 12:00	03/05/21 20:50	1
Benzene	<0.72		5.1	0.72	ug/Kg	☼	02/26/21 12:00	03/05/21 20:50	1
Bromoform	<2.5		5.1	2.5	ug/Kg	☼	02/26/21 12:00	03/05/21 20:50	1
Bromomethane	<1.0		5.1	1.0	ug/Kg	☼	02/26/21 12:00	03/05/21 20:50	1
2-Butanone (MEK)	**13**	**J**	21	3.7	ug/Kg	☼	02/26/21 12:00	03/05/21 20:50	1
Carbon disulfide	<1.2		5.1	1.2	ug/Kg	☼	02/26/21 12:00	03/05/21 20:50	1
Carbon tetrachloride	<3.3		5.1	3.3	ug/Kg	☼	02/26/21 12:00	03/05/21 20:50	1
Chlorobenzene	<0.94		5.1	0.94	ug/Kg	☼	02/26/21 12:00	03/05/21 20:50	1
Chlorodibromomethane	<2.9		5.1	2.9	ug/Kg	☼	02/26/21 12:00	03/05/21 20:50	1
Chloroethane	**3.2**	**J**	5.1	1.3	ug/Kg	☼	02/26/21 12:00	03/05/21 20:50	1
Chloroform	<0.81		5.1	0.81	ug/Kg	☼	02/26/21 12:00	03/05/21 20:50	1
Chloromethane	<1.1		5.1	1.1	ug/Kg	☼	02/26/21 12:00	03/05/21 20:50	1
cis-1,2-Dichloroethene	<0.67		5.1	0.67	ug/Kg	☼	02/26/21 12:00	03/05/21 20:50	1
cis-1,3-Dichloropropene	<1.5		5.1	1.5	ug/Kg	☼	02/26/21 12:00	03/05/21 20:50	1
1,2-Dibromo-3-Chloropropane	<3.7		10	3.7	ug/Kg	☼	02/26/21 12:00	03/05/21 20:50	1
1,2-Dichlorobenzene	<1.1		5.1	1.1	ug/Kg	☼	02/26/21 12:00	03/05/21 20:50	1
1,3-Dichlorobenzene	<0.84		5.1	0.84	ug/Kg	☼	02/26/21 12:00	03/05/21 20:50	1
1,4-Dichlorobenzene	<0.91		5.1	0.91	ug/Kg	☼	02/26/21 12:00	03/05/21 20:50	1
Dichlorobromomethane	<0.70		5.1	0.70	ug/Kg	☼	02/26/21 12:00	03/05/21 20:50	1
Dichlorodifluoromethane	<0.97		5.1	0.97	ug/Kg	☼	02/26/21 12:00	03/05/21 20:50	1
1,1-Dichloroethane	**69**		5.1	0.71	ug/Kg	☼	02/26/21 12:00	03/05/21 20:50	1
1,2-Dichloroethane	<0.79		5.1	0.79	ug/Kg	☼	02/26/21 12:00	03/05/21 20:50	1
1,1-Dichloroethene	**55**		5.1	0.93	ug/Kg	☼	02/26/21 12:00	03/05/21 20:50	1
1,2-Dichloropropane	<0.88		5.1	0.88	ug/Kg	☼	02/26/21 12:00	03/05/21 20:50	1
1,4-Dioxane	**110**	**J**	260	23	ug/Kg	☼	02/26/21 12:00	03/05/21 20:50	1
Ethylbenzene	<1.1		5.1	1.1	ug/Kg	☼	02/26/21 12:00	03/05/21 20:50	1
Ethylene Dibromide	<0.79		5.1	0.79	ug/Kg	☼	02/26/21 12:00	03/05/21 20:50	1
2-Hexanone	**4.3**	**J**	21	4.2	ug/Kg	☼	02/26/21 12:00	03/05/21 20:50	1
Isopropylbenzene	<0.86		5.1	0.86	ug/Kg	☼	02/26/21 12:00	03/05/21 20:50	1
Methylene Chloride	<12		26	12	ug/Kg	☼	02/26/21 12:00	03/05/21 20:50	1
4-Methyl-2-pentanone (MIBK)	<3.8	*+	21	3.8	ug/Kg	☼	02/26/21 12:00	03/05/21 20:50	1
Methyl tert-butyl ether	<0.84	*+	5.1	0.84	ug/Kg	☼	02/26/21 12:00	03/05/21 20:50	1
Styrene	<1.2		5.1	1.2	ug/Kg	☼	02/26/21 12:00	03/05/21 20:50	1
1,1,2,2-Tetrachloroethane	<1.5		5.1	1.5	ug/Kg	☼	02/26/21 12:00	03/05/21 20:50	1
Tetrachloroethene	<0.75		5.1	0.75	ug/Kg	☼	02/26/21 12:00	03/05/21 20:50	1
Toluene	<0.79		5.1	0.79	ug/Kg	☼	02/26/21 12:00	03/05/21 20:50	1
trans-1,2-Dichloroethene	<0.48		5.1	0.48	ug/Kg	☼	02/26/21 12:00	03/05/21 20:50	1
trans-1,3-Dichloropropene	<1.1		5.1	1.1	ug/Kg	☼	02/26/21 12:00	03/05/21 20:50	1
1,2,4-Trichlorobenzene	<0.59		5.1	0.59	ug/Kg	☼	02/26/21 12:00	03/05/21 20:50	1
1,1,1-Trichloroethane	<0.84		5.1	0.84	ug/Kg	☼	02/26/21 12:00	03/05/21 20:50	1
1,1,2-Trichloroethane	<1.2		5.1	1.2	ug/Kg	☼	02/26/21 12:00	03/05/21 20:50	1
Trichloroethene	<0.65		5.1	0.65	ug/Kg	☼	02/26/21 12:00	03/05/21 20:50	1
Trichlorofluoromethane	<1.1		5.1	1.1	ug/Kg	☼	02/26/21 12:00	03/05/21 20:50	1
Vinyl chloride	**7.9**		5.1	0.86	ug/Kg	☼	02/26/21 12:00	03/05/21 20:50	1
Xylenes, Total	<1.6		10	1.6	ug/Kg	☼	02/26/21 12:00	03/05/21 20:50	1
Naphthalene	<2.8		5.1	2.8	ug/Kg	☼	02/26/21 12:00	03/05/21 20:50	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*109*		*51 - 127*	*02/26/21 12:00*	*03/05/21 20:50*	*1*
Dibromofluoromethane (Surr)	*91*		*56 - 122*	*02/26/21 12:00*	*03/05/21 20:50*	*1*

Client Sample Results

Client: TRC Environmental Corporation.
Project/Site: ABB 2019 \ 2020

Job ID: 240-145018-1

Client Sample ID: SB-48 (2-4)

Date Collected: 02/24/21 16:20
Date Received: 02/25/21 16:22

Lab Sample ID: 240-145018-6

Matrix: Solid
Percent Solids: 78.7

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*98*		*59 - 120*	*02/26/21 12:00*	*03/05/21 20:50*	*1*
Toluene-d8 (Surr)	*103*		*64 - 124*	*02/26/21 12:00*	*03/05/21 20:50*	*1*

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Solids	**78.7**		0.1	0.1	%			02/26/21 13:53	1
Percent Moisture	**21.3**		0.1	0.1	%			02/26/21 13:53	1

Client Sample Results

Client: TRC Environmental Corporation.
Project/Site: ABB 2019 \ 2020

Job ID: 240-145018-1

Client Sample ID: SB-48 (4-6)

Date Collected: 02/24/21 16:25
Date Received: 02/25/21 16:22

Lab Sample ID: 240-145018-7

Matrix: Solid
Percent Solids: 80.6

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	**270**	**J**	300	94	ug/Kg	☼	03/03/21 21:54	03/08/21 12:52	1
1,1,2,2-Tetrachloroethane	<180		300	180	ug/Kg	☼	03/03/21 21:54	03/08/21 12:52	1
1,1,2-Trichloroethane	<69		300	69	ug/Kg	☼	03/03/21 21:54	03/08/21 12:52	1
1,1-Dichloroethane	**680**		300	58	ug/Kg	☼	03/03/21 21:54	03/08/21 12:52	1
1,1-Dichloroethene	**1300**		300	99	ug/Kg	☼	03/03/21 21:54	03/08/21 12:52	1
1,2,4-Trichlorobenzene	<160		300	160	ug/Kg	☼	03/03/21 21:54	03/08/21 12:52	1
1,2-Dibromo-3-Chloropropane	<270		600	270	ug/Kg	☼	03/03/21 21:54	03/08/21 12:52	1
1,2-Dichlorobenzene	<140		300	140	ug/Kg	☼	03/03/21 21:54	03/08/21 12:52	1
1,2-Dichloroethane	<57		300	57	ug/Kg	☼	03/03/21 21:54	03/08/21 12:52	1
1,2-Dichloropropane	<45		300	45	ug/Kg	☼	03/03/21 21:54	03/08/21 12:52	1
1,3-Dichlorobenzene	<55		300	55	ug/Kg	☼	03/03/21 21:54	03/08/21 12:52	1
1,4-Dichlorobenzene	<66		300	66	ug/Kg	☼	03/03/21 21:54	03/08/21 12:52	1
1,4-Dioxane	<2800		15000	2800	ug/Kg	☼	03/03/21 21:54	03/08/21 12:52	1
2-Hexanone	<320		1200	320	ug/Kg	☼	03/03/21 21:54	03/08/21 12:52	1
Acetone	<290		1200	290	ug/Kg	☼	03/03/21 21:54	03/08/21 12:52	1
Benzene	<51		300	51	ug/Kg	☼	03/03/21 21:54	03/08/21 12:52	1
Bromoform	<270		300	270	ug/Kg	☼	03/03/21 21:54	03/08/21 12:52	1
Bromomethane	<200		300	200	ug/Kg	☼	03/03/21 21:54	03/08/21 12:52	1
Carbon disulfide	<130		300	130	ug/Kg	☼	03/03/21 21:54	03/08/21 12:52	1
Carbon tetrachloride	<120		300	120	ug/Kg	☼	03/03/21 21:54	03/08/21 12:52	1
Chlorobenzene	<42		300	42	ug/Kg	☼	03/03/21 21:54	03/08/21 12:52	1
Chloroethane	<180		300	180	ug/Kg	☼	03/03/21 21:54	03/08/21 12:52	1
Chloroform	<65		300	65	ug/Kg	☼	03/03/21 21:54	03/08/21 12:52	1
Chloromethane	<79		300	79	ug/Kg	☼	03/03/21 21:54	03/08/21 12:52	1
cis-1,2-Dichloroethene	<48		300	48	ug/Kg	☼	03/03/21 21:54	03/08/21 12:52	1
cis-1,3-Dichloropropene	<150		300	150	ug/Kg	☼	03/03/21 21:54	03/08/21 12:52	1
Dichlorobromomethane	<34		300	34	ug/Kg	☼	03/03/21 21:54	03/08/21 12:52	1
Dichlorodifluoromethane	<64		300	64	ug/Kg	☼	03/03/21 21:54	03/08/21 12:52	1
Ethylbenzene	<57		300	57	ug/Kg	☼	03/03/21 21:54	03/08/21 12:52	1
Ethylene Dibromide	<95		300	95	ug/Kg	☼	03/03/21 21:54	03/08/21 12:52	1
Naphthalene	<140		300	140	ug/Kg	☼	03/03/21 21:54	03/08/21 12:52	1
Isopropylbenzene	<46		300	46	ug/Kg	☼	03/03/21 21:54	03/08/21 12:52	1
2-Butanone (MEK)	<190		1200	190	ug/Kg	☼	03/03/21 21:54	03/08/21 12:52	1
4-Methyl-2-pentanone (MIBK)	<290		1200	290	ug/Kg	☼	03/03/21 21:54	03/08/21 12:52	1
Methyl tert-butyl ether	<45	*+	300	45	ug/Kg	☼	03/03/21 21:54	03/08/21 12:52	1
Methylene Chloride	<460		600	460	ug/Kg	☼	03/03/21 21:54	03/08/21 12:52	1
Styrene	<63		300	63	ug/Kg	☼	03/03/21 21:54	03/08/21 12:52	1
Tetrachloroethene	<120		300	120	ug/Kg	☼	03/03/21 21:54	03/08/21 12:52	1
Toluene	<290		300	290	ug/Kg	☼	03/03/21 21:54	03/08/21 12:52	1
trans-1,2-Dichloroethene	<75		300	75	ug/Kg	☼	03/03/21 21:54	03/08/21 12:52	1
trans-1,3-Dichloropropene	<130		300	130	ug/Kg	☼	03/03/21 21:54	03/08/21 12:52	1
Trichloroethene	<170		300	170	ug/Kg	☼	03/03/21 21:54	03/08/21 12:52	1
Trichlorofluoromethane	<160		300	160	ug/Kg	☼	03/03/21 21:54	03/08/21 12:52	1
Vinyl chloride	<150		300	150	ug/Kg	☼	03/03/21 21:54	03/08/21 12:52	1
Xylenes, Total	<110		600	110	ug/Kg	☼	03/03/21 21:54	03/08/21 12:52	1
Chlorodibromomethane	<140		300	140	ug/Kg	☼	03/03/21 21:54	03/08/21 12:52	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*114*		*47 - 136*	*03/03/21 21:54*	*03/08/21 12:52*	*1*
4-Bromofluorobenzene (Surr)	*82*		*51 - 124*	*03/03/21 21:54*	*03/08/21 12:52*	*1*

Client Sample Results

Client: TRC Environmental Corporation.
Project/Site: ABB 2019 \ 2020

Job ID: 240-145018-1

Client Sample ID: SB-48 (4-6)

Date Collected: 02/24/21 16:25
Date Received: 02/25/21 16:22

Lab Sample ID: 240-145018-7

Matrix: Solid
Percent Solids: 80.6

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Toluene-d8 (Surr)	*87*		*55 - 123*	*03/03/21 21:54*	*03/08/21 12:52*	*1*
Dibromofluoromethane (Surr)	*91*		*49 - 122*	*03/03/21 21:54*	*03/08/21 12:52*	*1*

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Solids	**80.6**		0.1	0.1	%			02/26/21 13:53	1
Percent Moisture	**19.4**		0.1	0.1	%			02/26/21 13:53	1

Client Sample Results

Client: TRC Environmental Corporation.
Project/Site: ABB 2019 \ 2020

Job ID: 240-145018-1

Client Sample ID: SB-41 (0-2)

Date Collected: 02/25/21 10:20
Date Received: 02/25/21 16:22

Lab Sample ID: 240-145018-10

Matrix: Solid
Percent Solids: 84.0

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	**430**		270	84	ug/Kg	☼	03/03/21 21:54	03/08/21 13:14	1
1,1,2,2-Tetrachloroethane	<160		270	160	ug/Kg	☼	03/03/21 21:54	03/08/21 13:14	1
1,1,2-Trichloroethane	<61		270	61	ug/Kg	☼	03/03/21 21:54	03/08/21 13:14	1
1,1-Dichloroethane	**400**		270	52	ug/Kg	☼	03/03/21 21:54	03/08/21 13:14	1
1,1-Dichloroethene	<88		270	88	ug/Kg	☼	03/03/21 21:54	03/08/21 13:14	1
1,2,4-Trichlorobenzene	<140		270	140	ug/Kg	☼	03/03/21 21:54	03/08/21 13:14	1
1,2-Dibromo-3-Chloropropane	<240		540	240	ug/Kg	☼	03/03/21 21:54	03/08/21 13:14	1
1,2-Dichlorobenzene	<130		270	130	ug/Kg	☼	03/03/21 21:54	03/08/21 13:14	1
1,2-Dichloroethane	<51		270	51	ug/Kg	☼	03/03/21 21:54	03/08/21 13:14	1
1,2-Dichloropropane	<40		270	40	ug/Kg	☼	03/03/21 21:54	03/08/21 13:14	1
1,3-Dichlorobenzene	<49		270	49	ug/Kg	☼	03/03/21 21:54	03/08/21 13:14	1
1,4-Dichlorobenzene	<59		270	59	ug/Kg	☼	03/03/21 21:54	03/08/21 13:14	1
1,4-Dioxane	<2500		13000	2500	ug/Kg	☼	03/03/21 21:54	03/08/21 13:14	1
2-Hexanone	<280		1100	280	ug/Kg	☼	03/03/21 21:54	03/08/21 13:14	1
Acetone	<260		1100	260	ug/Kg	☼	03/03/21 21:54	03/08/21 13:14	1
Benzene	<45		270	45	ug/Kg	☼	03/03/21 21:54	03/08/21 13:14	1
Bromoform	<250		270	250	ug/Kg	☼	03/03/21 21:54	03/08/21 13:14	1
Bromomethane	<180		270	180	ug/Kg	☼	03/03/21 21:54	03/08/21 13:14	1
Carbon disulfide	<120		270	120	ug/Kg	☼	03/03/21 21:54	03/08/21 13:14	1
Carbon tetrachloride	<110		270	110	ug/Kg	☼	03/03/21 21:54	03/08/21 13:14	1
Chlorobenzene	<38		270	38	ug/Kg	☼	03/03/21 21:54	03/08/21 13:14	1
Chloroethane	<160		270	160	ug/Kg	☼	03/03/21 21:54	03/08/21 13:14	1
Chloroform	<58		270	58	ug/Kg	☼	03/03/21 21:54	03/08/21 13:14	1
Chloromethane	<71		270	71	ug/Kg	☼	03/03/21 21:54	03/08/21 13:14	1
cis-1,2-Dichloroethene	<43		270	43	ug/Kg	☼	03/03/21 21:54	03/08/21 13:14	1
cis-1,3-Dichloropropene	<130		270	130	ug/Kg	☼	03/03/21 21:54	03/08/21 13:14	1
Dichlorobromomethane	<30		270	30	ug/Kg	☼	03/03/21 21:54	03/08/21 13:14	1
Dichlorodifluoromethane	<57		270	57	ug/Kg	☼	03/03/21 21:54	03/08/21 13:14	1
Ethylbenzene	<51		270	51	ug/Kg	☼	03/03/21 21:54	03/08/21 13:14	1
Ethylene Dibromide	<85		270	85	ug/Kg	☼	03/03/21 21:54	03/08/21 13:14	1
Naphthalene	<130		270	130	ug/Kg	☼	03/03/21 21:54	03/08/21 13:14	1
Isopropylbenzene	<41		270	41	ug/Kg	☼	03/03/21 21:54	03/08/21 13:14	1
2-Butanone (MEK)	<170		1100	170	ug/Kg	☼	03/03/21 21:54	03/08/21 13:14	1
4-Methyl-2-pentanone (MIBK)	<260		1100	260	ug/Kg	☼	03/03/21 21:54	03/08/21 13:14	1
Methyl tert-butyl ether	<40	*+	270	40	ug/Kg	☼	03/03/21 21:54	03/08/21 13:14	1
Methylene Chloride	<410		540	410	ug/Kg	☼	03/03/21 21:54	03/08/21 13:14	1
Styrene	<56		270	56	ug/Kg	☼	03/03/21 21:54	03/08/21 13:14	1
Tetrachloroethene	**110**	**J**	270	100	ug/Kg	☼	03/03/21 21:54	03/08/21 13:14	1
Toluene	<260		270	260	ug/Kg	☼	03/03/21 21:54	03/08/21 13:14	1
trans-1,2-Dichloroethene	<67		270	67	ug/Kg	☼	03/03/21 21:54	03/08/21 13:14	1
trans-1,3-Dichloropropene	<110		270	110	ug/Kg	☼	03/03/21 21:54	03/08/21 13:14	1
Trichloroethene	<150		270	150	ug/Kg	☼	03/03/21 21:54	03/08/21 13:14	1
Trichlorofluoromethane	<150		270	150	ug/Kg	☼	03/03/21 21:54	03/08/21 13:14	1
Vinyl chloride	<130		270	130	ug/Kg	☼	03/03/21 21:54	03/08/21 13:14	1
Xylenes, Total	<98		540	98	ug/Kg	☼	03/03/21 21:54	03/08/21 13:14	1
Chlorodibromomethane	<130		270	130	ug/Kg	☼	03/03/21 21:54	03/08/21 13:14	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*108*		*47 - 136*	*03/03/21 21:54*	*03/08/21 13:14*	*1*
4-Bromofluorobenzene (Surr)	*75*		*51 - 124*	*03/03/21 21:54*	*03/08/21 13:14*	*1*

Client Sample Results

Client: TRC Environmental Corporation.
Project/Site: ABB 2019 \ 2020

Job ID: 240-145018-1

Client Sample ID: SB-41 (0-2)

Date Collected: 02/25/21 10:20
Date Received: 02/25/21 16:22

Lab Sample ID: 240-145018-10

Matrix: Solid
Percent Solids: 84.0

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Toluene-d8 (Surr)	*81*		*55 - 123*	*03/03/21 21:54*	*03/08/21 13:14*	*1*
Dibromofluoromethane (Surr)	*84*		*49 - 122*	*03/03/21 21:54*	*03/08/21 13:14*	*1*

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Solids	**84.0**		0.1	0.1	%			02/26/21 13:53	1
Percent Moisture	**16.0**		0.1	0.1	%			02/26/21 13:53	1

Client Sample Results

Client: TRC Environmental Corporation.
Project/Site: ABB 2019 \ 2020

Job ID: 240-145018-1

Client Sample ID: SB-41 (2-4)

Date Collected: 02/25/21 10:25
Date Received: 02/25/21 16:22

Lab Sample ID: 240-145018-11

Matrix: Solid
Percent Solids: 76.1

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	**190**	**J**	350	110	ug/Kg	☼	03/03/21 21:54	03/08/21 13:36	1
1,1,2,2-Tetrachloroethane	<210		350	210	ug/Kg	☼	03/03/21 21:54	03/08/21 13:36	1
1,1,2-Trichloroethane	<79		350	79	ug/Kg	☼	03/03/21 21:54	03/08/21 13:36	1
1,1-Dichloroethane	**620**		350	67	ug/Kg	☼	03/03/21 21:54	03/08/21 13:36	1
1,1-Dichloroethene	<110		350	110	ug/Kg	☼	03/03/21 21:54	03/08/21 13:36	1
1,2,4-Trichlorobenzene	<190		350	190	ug/Kg	☼	03/03/21 21:54	03/08/21 13:36	1
1,2-Dibromo-3-Chloropropane	<310		700	310	ug/Kg	☼	03/03/21 21:54	03/08/21 13:36	1
1,2-Dichlorobenzene	<170		350	170	ug/Kg	☼	03/03/21 21:54	03/08/21 13:36	1
1,2-Dichloroethane	<66		350	66	ug/Kg	☼	03/03/21 21:54	03/08/21 13:36	1
1,2-Dichloropropane	<52		350	52	ug/Kg	☼	03/03/21 21:54	03/08/21 13:36	1
1,3-Dichlorobenzene	<64		350	64	ug/Kg	☼	03/03/21 21:54	03/08/21 13:36	1
1,4-Dichlorobenzene	<77		350	77	ug/Kg	☼	03/03/21 21:54	03/08/21 13:36	1
1,4-Dioxane	<3200		17000	3200	ug/Kg	☼	03/03/21 21:54	03/08/21 13:36	1
2-Hexanone	<370		1400	370	ug/Kg	☼	03/03/21 21:54	03/08/21 13:36	1
Acetone	<340		1400	340	ug/Kg	☼	03/03/21 21:54	03/08/21 13:36	1
Benzene	<59		350	59	ug/Kg	☼	03/03/21 21:54	03/08/21 13:36	1
Bromoform	<320		350	320	ug/Kg	☼	03/03/21 21:54	03/08/21 13:36	1
Bromomethane	<230		350	230	ug/Kg	☼	03/03/21 21:54	03/08/21 13:36	1
Carbon disulfide	<150		350	150	ug/Kg	☼	03/03/21 21:54	03/08/21 13:36	1
Carbon tetrachloride	<140		350	140	ug/Kg	☼	03/03/21 21:54	03/08/21 13:36	1
Chlorobenzene	<49		350	49	ug/Kg	☼	03/03/21 21:54	03/08/21 13:36	1
Chloroethane	<210		350	210	ug/Kg	☼	03/03/21 21:54	03/08/21 13:36	1
Chloroform	<75		350	75	ug/Kg	☼	03/03/21 21:54	03/08/21 13:36	1
Chloromethane	<92		350	92	ug/Kg	☼	03/03/21 21:54	03/08/21 13:36	1
cis-1,2-Dichloroethene	<56		350	56	ug/Kg	☼	03/03/21 21:54	03/08/21 13:36	1
cis-1,3-Dichloropropene	<170		350	170	ug/Kg	☼	03/03/21 21:54	03/08/21 13:36	1
Dichlorobromomethane	<39		350	39	ug/Kg	☼	03/03/21 21:54	03/08/21 13:36	1
Dichlorodifluoromethane	<74		350	74	ug/Kg	☼	03/03/21 21:54	03/08/21 13:36	1
Ethylbenzene	<66		350	66	ug/Kg	☼	03/03/21 21:54	03/08/21 13:36	1
Ethylene Dibromide	<110		350	110	ug/Kg	☼	03/03/21 21:54	03/08/21 13:36	1
Naphthalene	<160		350	160	ug/Kg	☼	03/03/21 21:54	03/08/21 13:36	1
Isopropylbenzene	<53		350	53	ug/Kg	☼	03/03/21 21:54	03/08/21 13:36	1
2-Butanone (MEK)	<220		1400	220	ug/Kg	☼	03/03/21 21:54	03/08/21 13:36	1
4-Methyl-2-pentanone (MIBK)	<330		1400	330	ug/Kg	☼	03/03/21 21:54	03/08/21 13:36	1
Methyl tert-butyl ether	<52	*+	350	52	ug/Kg	☼	03/03/21 21:54	03/08/21 13:36	1
Methylene Chloride	<530		700	530	ug/Kg	☼	03/03/21 21:54	03/08/21 13:36	1
Styrene	<72		350	72	ug/Kg	☼	03/03/21 21:54	03/08/21 13:36	1
Tetrachloroethene	<140		350	140	ug/Kg	☼	03/03/21 21:54	03/08/21 13:36	1
Toluene	<330		350	330	ug/Kg	☼	03/03/21 21:54	03/08/21 13:36	1
trans-1,2-Dichloroethene	<86		350	86	ug/Kg	☼	03/03/21 21:54	03/08/21 13:36	1
trans-1,3-Dichloropropene	<150		350	150	ug/Kg	☼	03/03/21 21:54	03/08/21 13:36	1
Trichloroethene	<200		350	200	ug/Kg	☼	03/03/21 21:54	03/08/21 13:36	1
Trichlorofluoromethane	<190		350	190	ug/Kg	☼	03/03/21 21:54	03/08/21 13:36	1
Vinyl chloride	<170		350	170	ug/Kg	☼	03/03/21 21:54	03/08/21 13:36	1
Xylenes, Total	<130		700	130	ug/Kg	☼	03/03/21 21:54	03/08/21 13:36	1
Chlorodibromomethane	<160		350	160	ug/Kg	☼	03/03/21 21:54	03/08/21 13:36	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*110*		*47 - 136*	*03/03/21 21:54*	*03/08/21 13:36*	*1*
4-Bromofluorobenzene (Surr)	*74*		*51 - 124*	*03/03/21 21:54*	*03/08/21 13:36*	*1*

Client Sample Results

Client: TRC Environmental Corporation.
Project/Site: ABB 2019 \ 2020

Job ID: 240-145018-1

Client Sample ID: SB-41 (2-4)

Date Collected: 02/25/21 10:25
Date Received: 02/25/21 16:22

Lab Sample ID: 240-145018-11

Matrix: Solid
Percent Solids: 76.1

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Toluene-d8 (Surr)	*80*		*55 - 123*	*03/03/21 21:54*	*03/08/21 13:36*	*1*
Dibromofluoromethane (Surr)	*82*		*49 - 122*	*03/03/21 21:54*	*03/08/21 13:36*	*1*

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Solids	**76.1**		0.1	0.1	%			02/26/21 13:53	1
Percent Moisture	**23.9**		0.1	0.1	%			02/26/21 13:53	1

Client Sample Results

Client: TRC Environmental Corporation.
Project/Site: ABB 2019 \ 2020

Job ID: 240-145018-1

Client Sample ID: SB-41 (4-6)

Date Collected: 02/25/21 10:30
Date Received: 02/25/21 16:22

Lab Sample ID: 240-145018-12

Matrix: Solid
Percent Solids: 82.8

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	**210**	**J**	290	90	ug/Kg	☼	03/03/21 21:54	03/08/21 13:58	1
1,1,2,2-Tetrachloroethane	<170		290	170	ug/Kg	☼	03/03/21 21:54	03/08/21 13:58	1
1,1,2-Trichloroethane	<66		290	66	ug/Kg	☼	03/03/21 21:54	03/08/21 13:58	1
1,1-Dichloroethane	**810**		290	56	ug/Kg	☼	03/03/21 21:54	03/08/21 13:58	1
1,1-Dichloroethene	**230**	**J**	290	95	ug/Kg	☼	03/03/21 21:54	03/08/21 13:58	1
1,2,4-Trichlorobenzene	<150		290	150	ug/Kg	☼	03/03/21 21:54	03/08/21 13:58	1
1,2-Dibromo-3-Chloropropane	<260		580	260	ug/Kg	☼	03/03/21 21:54	03/08/21 13:58	1
1,2-Dichlorobenzene	<140		290	140	ug/Kg	☼	03/03/21 21:54	03/08/21 13:58	1
1,2-Dichloroethane	<54		290	54	ug/Kg	☼	03/03/21 21:54	03/08/21 13:58	1
1,2-Dichloropropane	<43		290	43	ug/Kg	☼	03/03/21 21:54	03/08/21 13:58	1
1,3-Dichlorobenzene	<53		290	53	ug/Kg	☼	03/03/21 21:54	03/08/21 13:58	1
1,4-Dichlorobenzene	<64		290	64	ug/Kg	☼	03/03/21 21:54	03/08/21 13:58	1
1,4-Dioxane	<2700		14000	2700	ug/Kg	☼	03/03/21 21:54	03/08/21 13:58	1
2-Hexanone	<300		1200	300	ug/Kg	☼	03/03/21 21:54	03/08/21 13:58	1
Acetone	<280		1200	280	ug/Kg	☼	03/03/21 21:54	03/08/21 13:58	1
Benzene	<49		290	49	ug/Kg	☼	03/03/21 21:54	03/08/21 13:58	1
Bromoform	<260		290	260	ug/Kg	☼	03/03/21 21:54	03/08/21 13:58	1
Bromomethane	<190		290	190	ug/Kg	☼	03/03/21 21:54	03/08/21 13:58	1
Carbon disulfide	<130		290	130	ug/Kg	☼	03/03/21 21:54	03/08/21 13:58	1
Carbon tetrachloride	<120		290	120	ug/Kg	☼	03/03/21 21:54	03/08/21 13:58	1
Chlorobenzene	<41		290	41	ug/Kg	☼	03/03/21 21:54	03/08/21 13:58	1
Chloroethane	<170		290	170	ug/Kg	☼	03/03/21 21:54	03/08/21 13:58	1
Chloroform	<63		290	63	ug/Kg	☼	03/03/21 21:54	03/08/21 13:58	1
Chloromethane	<76		290	76	ug/Kg	☼	03/03/21 21:54	03/08/21 13:58	1
cis-1,2-Dichloroethene	<46		290	46	ug/Kg	☼	03/03/21 21:54	03/08/21 13:58	1
cis-1,3-Dichloropropene	<140		290	140	ug/Kg	☼	03/03/21 21:54	03/08/21 13:58	1
Dichlorobromomethane	<32		290	32	ug/Kg	☼	03/03/21 21:54	03/08/21 13:58	1
Dichlorodifluoromethane	<61		290	61	ug/Kg	☼	03/03/21 21:54	03/08/21 13:58	1
Ethylbenzene	<54		290	54	ug/Kg	☼	03/03/21 21:54	03/08/21 13:58	1
Ethylene Dibromide	<92		290	92	ug/Kg	☼	03/03/21 21:54	03/08/21 13:58	1
Naphthalene	<140		290	140	ug/Kg	☼	03/03/21 21:54	03/08/21 13:58	1
Isopropylbenzene	<44		290	44	ug/Kg	☼	03/03/21 21:54	03/08/21 13:58	1
2-Butanone (MEK)	<180		1200	180	ug/Kg	☼	03/03/21 21:54	03/08/21 13:58	1
4-Methyl-2-pentanone (MIBK)	<280		1200	280	ug/Kg	☼	03/03/21 21:54	03/08/21 13:58	1
Methyl tert-butyl ether	<43	*+	290	43	ug/Kg	☼	03/03/21 21:54	03/08/21 13:58	1
Methylene Chloride	<440		580	440	ug/Kg	☼	03/03/21 21:54	03/08/21 13:58	1
Styrene	<60		290	60	ug/Kg	☼	03/03/21 21:54	03/08/21 13:58	1
Tetrachloroethene	<110		290	110	ug/Kg	☼	03/03/21 21:54	03/08/21 13:58	1
Toluene	<280		290	280	ug/Kg	☼	03/03/21 21:54	03/08/21 13:58	1
trans-1,2-Dichloroethene	<72		290	72	ug/Kg	☼	03/03/21 21:54	03/08/21 13:58	1
trans-1,3-Dichloropropene	<120		290	120	ug/Kg	☼	03/03/21 21:54	03/08/21 13:58	1
Trichloroethene	<170		290	170	ug/Kg	☼	03/03/21 21:54	03/08/21 13:58	1
Trichlorofluoromethane	<160		290	160	ug/Kg	☼	03/03/21 21:54	03/08/21 13:58	1
Vinyl chloride	<140		290	140	ug/Kg	☼	03/03/21 21:54	03/08/21 13:58	1
Xylenes, Total	<110		580	110	ug/Kg	☼	03/03/21 21:54	03/08/21 13:58	1
Chlorodibromomethane	<140		290	140	ug/Kg	☼	03/03/21 21:54	03/08/21 13:58	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*111*		*47 - 136*	*03/03/21 21:54*	*03/08/21 13:58*	*1*
4-Bromofluorobenzene (Surr)	*77*		*51 - 124*	*03/03/21 21:54*	*03/08/21 13:58*	*1*

Client: TRC Environmental Corporation.
Project/Site: ABB 2019 \ 2020

Job ID: 240-145018-1

Client Sample ID: SB-41 (4-6)

Date Collected: 02/25/21 10:30
Date Received: 02/25/21 16:22

Lab Sample ID: 240-145018-12

Matrix: Solid
Percent Solids: 82.8

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Toluene-d8 (Surr)	*83*		*55 - 123*	*03/03/21 21:54*	*03/08/21 13:58*	*1*
Dibromofluoromethane (Surr)	*82*		*49 - 122*	*03/03/21 21:54*	*03/08/21 13:58*	*1*

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Solids	**82.8**		0.1	0.1	%			02/26/21 13:53	1
Percent Moisture	**17.2**		0.1	0.1	%			02/26/21 13:53	1

Client Sample Results

Client: TRC Environmental Corporation.
Project/Site: ABB 2019 \ 2020

Job ID: 240-145018-1

Client Sample ID: SB-38 (0-2)

Date Collected: 02/25/21 08:25
Date Received: 02/25/21 16:22

Lab Sample ID: 240-145018-14

Matrix: Solid
Percent Solids: 75.1

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	<75		240	75	ug/Kg	☼	03/03/21 22:19	03/08/21 15:05	1
1,1,2,2-Tetrachloroethane	<140		240	140	ug/Kg	☼	03/03/21 22:19	03/08/21 15:05	1
1,1,2-Trichloroethane	<55		240	55	ug/Kg	☼	03/03/21 22:19	03/08/21 15:05	1
1,1-Dichloroethane	<46		240	46	ug/Kg	☼	03/03/21 22:19	03/08/21 15:05	1
1,1-Dichloroethene	<79		240	79	ug/Kg	☼	03/03/21 22:19	03/08/21 15:05	1
1,2,4-Trichlorobenzene	<130		240	130	ug/Kg	☼	03/03/21 22:19	03/08/21 15:05	1
1,2-Dibromo-3-Chloropropane	<210		480	210	ug/Kg	☼	03/03/21 22:19	03/08/21 15:05	1
1,2-Dichlorobenzene	**170**	**J**	240	120	ug/Kg	☼	03/03/21 22:19	03/08/21 15:05	1
1,2-Dichloroethane	<45		240	45	ug/Kg	☼	03/03/21 22:19	03/08/21 15:05	1
1,2-Dichloropropane	<35		240	35	ug/Kg	☼	03/03/21 22:19	03/08/21 15:05	1
1,3-Dichlorobenzene	<44		240	44	ug/Kg	☼	03/03/21 22:19	03/08/21 15:05	1
1,4-Dichlorobenzene	<53		240	53	ug/Kg	☼	03/03/21 22:19	03/08/21 15:05	1
1,4-Dioxane	<2200		12000	2200	ug/Kg	☼	03/03/21 22:19	03/08/21 15:05	1
2-Hexanone	<250		960	250	ug/Kg	☼	03/03/21 22:19	03/08/21 15:05	1
Acetone	<230		960	230	ug/Kg	☼	03/03/21 22:19	03/08/21 15:05	1
Benzene	<40		240	40	ug/Kg	☼	03/03/21 22:19	03/08/21 15:05	1
Bromoform	<220		240	220	ug/Kg	☼	03/03/21 22:19	03/08/21 15:05	1
Bromomethane	<160		240	160	ug/Kg	☼	03/03/21 22:19	03/08/21 15:05	1
Carbon disulfide	<100		240	100	ug/Kg	☼	03/03/21 22:19	03/08/21 15:05	1
Carbon tetrachloride	<98		240	98	ug/Kg	☼	03/03/21 22:19	03/08/21 15:05	1
Chlorobenzene	<34		240	34	ug/Kg	☼	03/03/21 22:19	03/08/21 15:05	1
Chloroethane	<140		240	140	ug/Kg	☼	03/03/21 22:19	03/08/21 15:05	1
Chloroform	<52		240	52	ug/Kg	☼	03/03/21 22:19	03/08/21 15:05	1
Chloromethane	<63		240	63	ug/Kg	☼	03/03/21 22:19	03/08/21 15:05	1
cis-1,2-Dichloroethene	<38		240	38	ug/Kg	☼	03/03/21 22:19	03/08/21 15:05	1
cis-1,3-Dichloropropene	<120		240	120	ug/Kg	☼	03/03/21 22:19	03/08/21 15:05	1
Dichlorobromomethane	<27		240	27	ug/Kg	☼	03/03/21 22:19	03/08/21 15:05	1
Dichlorodifluoromethane	<51		240	51	ug/Kg	☼	03/03/21 22:19	03/08/21 15:05	1
Ethylbenzene	**1200**		240	45	ug/Kg	☼	03/03/21 22:19	03/08/21 15:05	1
Ethylene Dibromide	<76		240	76	ug/Kg	☼	03/03/21 22:19	03/08/21 15:05	1
Naphthalene	<110		240	110	ug/Kg	☼	03/03/21 22:19	03/08/21 15:05	1
Isopropylbenzene	**120**	**J**	240	36	ug/Kg	☼	03/03/21 22:19	03/08/21 15:05	1
2-Butanone (MEK)	<150		960	150	ug/Kg	☼	03/03/21 22:19	03/08/21 15:05	1
4-Methyl-2-pentanone (MIBK)	<230		960	230	ug/Kg	☼	03/03/21 22:19	03/08/21 15:05	1
Methyl tert-butyl ether	<35		240	35	ug/Kg	☼	03/03/21 22:19	03/08/21 15:05	1
Methylene Chloride	<370		480	370	ug/Kg	☼	03/03/21 22:19	03/08/21 15:05	1
Styrene	<50		240	50	ug/Kg	☼	03/03/21 22:19	03/08/21 15:05	1
Tetrachloroethene	<93		240	93	ug/Kg	☼	03/03/21 22:19	03/08/21 15:05	1
Toluene	<230		240	230	ug/Kg	☼	03/03/21 22:19	03/08/21 15:05	1
trans-1,2-Dichloroethene	<59		240	59	ug/Kg	☼	03/03/21 22:19	03/08/21 15:05	1
trans-1,3-Dichloropropene	<100		240	100	ug/Kg	☼	03/03/21 22:19	03/08/21 15:05	1
Trichloroethene	<140		240	140	ug/Kg	☼	03/03/21 22:19	03/08/21 15:05	1
Trichlorofluoromethane	<130		240	130	ug/Kg	☼	03/03/21 22:19	03/08/21 15:05	1
Vinyl chloride	<120		240	120	ug/Kg	☼	03/03/21 22:19	03/08/21 15:05	1
Xylenes, Total	**450**	**J**	480	87	ug/Kg	☼	03/03/21 22:19	03/08/21 15:05	1
Chlorodibromomethane	<110		240	110	ug/Kg	☼	03/03/21 22:19	03/08/21 15:05	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*127*		*47 - 136*	*03/03/21 22:19*	*03/08/21 15:05*	*1*
4-Bromofluorobenzene (Surr)	*107*		*51 - 124*	*03/03/21 22:19*	*03/08/21 15:05*	*1*

Client: TRC Environmental Corporation.
Project/Site: ABB 2019 \ 2020

Job ID: 240-145018-1

Client Sample ID: SB-38 (0-2)

Date Collected: 02/25/21 08:25
Date Received: 02/25/21 16:22

Lab Sample ID: 240-145018-14

Matrix: Solid
Percent Solids: 75.1

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Toluene-d8 (Surr)	*94*		*55 - 123*	*03/03/21 22:19*	*03/08/21 15:05*	*1*
Dibromofluoromethane (Surr)	*97*		*49 - 122*	*03/03/21 22:19*	*03/08/21 15:05*	*1*

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Solids	**75.1**		0.1	0.1	%			02/26/21 13:53	1
Percent Moisture	**24.9**		0.1	0.1	%			02/26/21 13:53	1

Client Sample Results

Client: TRC Environmental Corporation.
Project/Site: ABB 2019 \ 2020

Job ID: 240-145018-1

Client Sample ID: SB-38 (2-4)

Date Collected: 02/25/21 08:30
Date Received: 02/25/21 16:22

Lab Sample ID: 240-145018-15

Matrix: Solid
Percent Solids: 81.8

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	**65**	**B**	24	20	ug/Kg	☼	02/26/21 12:00	03/05/21 21:16	1
Benzene	<0.67		4.8	0.67	ug/Kg	☼	02/26/21 12:00	03/05/21 21:16	1
Bromoform	<2.3		4.8	2.3	ug/Kg	☼	02/26/21 12:00	03/05/21 21:16	1
Bromomethane	<0.94		4.8	0.94	ug/Kg	☼	02/26/21 12:00	03/05/21 21:16	1
2-Butanone (MEK)	**8.4**	**J**	19	3.4	ug/Kg	☼	02/26/21 12:00	03/05/21 21:16	1
Carbon disulfide	<1.1		4.8	1.1	ug/Kg	☼	02/26/21 12:00	03/05/21 21:16	1
Carbon tetrachloride	<3.1		4.8	3.1	ug/Kg	☼	02/26/21 12:00	03/05/21 21:16	1
Chlorobenzene	<0.88		4.8	0.88	ug/Kg	☼	02/26/21 12:00	03/05/21 21:16	1
Chlorodibromomethane	<2.7		4.8	2.7	ug/Kg	☼	02/26/21 12:00	03/05/21 21:16	1
Chloroethane	<1.2		4.8	1.2	ug/Kg	☼	02/26/21 12:00	03/05/21 21:16	1
Chloroform	<0.75		4.8	0.75	ug/Kg	☼	02/26/21 12:00	03/05/21 21:16	1
Chloromethane	<1.0		4.8	1.0	ug/Kg	☼	02/26/21 12:00	03/05/21 21:16	1
cis-1,2-Dichloroethene	<0.62		4.8	0.62	ug/Kg	☼	02/26/21 12:00	03/05/21 21:16	1
cis-1,3-Dichloropropene	<1.4		4.8	1.4	ug/Kg	☼	02/26/21 12:00	03/05/21 21:16	1
1,2-Dibromo-3-Chloropropane	<3.4		9.6	3.4	ug/Kg	☼	02/26/21 12:00	03/05/21 21:16	1
1,2-Dichlorobenzene	<1.1		4.8	1.1	ug/Kg	☼	02/26/21 12:00	03/05/21 21:16	1
1,3-Dichlorobenzene	<0.78		4.8	0.78	ug/Kg	☼	02/26/21 12:00	03/05/21 21:16	1
1,4-Dichlorobenzene	<0.84		4.8	0.84	ug/Kg	☼	02/26/21 12:00	03/05/21 21:16	1
Dichlorobromomethane	<0.65		4.8	0.65	ug/Kg	☼	02/26/21 12:00	03/05/21 21:16	1
Dichlorodifluoromethane	<0.90		4.8	0.90	ug/Kg	☼	02/26/21 12:00	03/05/21 21:16	1
1,1-Dichloroethane	**4.1**	**J**	4.8	0.66	ug/Kg	☼	02/26/21 12:00	03/05/21 21:16	1
1,2-Dichloroethane	<0.74		4.8	0.74	ug/Kg	☼	02/26/21 12:00	03/05/21 21:16	1
1,1-Dichloroethene	<0.86		4.8	0.86	ug/Kg	☼	02/26/21 12:00	03/05/21 21:16	1
1,2-Dichloropropane	<0.81		4.8	0.81	ug/Kg	☼	02/26/21 12:00	03/05/21 21:16	1
1,4-Dioxane	**130**	**J**	240	21	ug/Kg	☼	02/26/21 12:00	03/05/21 21:16	1
Ethylbenzene	<1.0		4.8	1.0	ug/Kg	☼	02/26/21 12:00	03/05/21 21:16	1
Ethylene Dibromide	<0.74		4.8	0.74	ug/Kg	☼	02/26/21 12:00	03/05/21 21:16	1
2-Hexanone	<3.9		19	3.9	ug/Kg	☼	02/26/21 12:00	03/05/21 21:16	1
Isopropylbenzene	<0.80		4.8	0.80	ug/Kg	☼	02/26/21 12:00	03/05/21 21:16	1
Methylene Chloride	<11		24	11	ug/Kg	☼	02/26/21 12:00	03/05/21 21:16	1
4-Methyl-2-pentanone (MIBK)	<3.5	*+	19	3.5	ug/Kg	☼	02/26/21 12:00	03/05/21 21:16	1
Methyl tert-butyl ether	<0.78	*+	4.8	0.78	ug/Kg	☼	02/26/21 12:00	03/05/21 21:16	1
Styrene	<1.1		4.8	1.1	ug/Kg	☼	02/26/21 12:00	03/05/21 21:16	1
1,1,2,2-Tetrachloroethane	<1.4		4.8	1.4	ug/Kg	☼	02/26/21 12:00	03/05/21 21:16	1
Tetrachloroethene	<0.70		4.8	0.70	ug/Kg	☼	02/26/21 12:00	03/05/21 21:16	1
Toluene	<0.74		4.8	0.74	ug/Kg	☼	02/26/21 12:00	03/05/21 21:16	1
trans-1,2-Dichloroethene	<0.44		4.8	0.44	ug/Kg	☼	02/26/21 12:00	03/05/21 21:16	1
trans-1,3-Dichloropropene	<0.99		4.8	0.99	ug/Kg	☼	02/26/21 12:00	03/05/21 21:16	1
1,2,4-Trichlorobenzene	<0.55		4.8	0.55	ug/Kg	☼	02/26/21 12:00	03/05/21 21:16	1
1,1,1-Trichloroethane	<0.78		4.8	0.78	ug/Kg	☼	02/26/21 12:00	03/05/21 21:16	1
1,1,2-Trichloroethane	<1.1		4.8	1.1	ug/Kg	☼	02/26/21 12:00	03/05/21 21:16	1
Trichloroethene	<0.60		4.8	0.60	ug/Kg	☼	02/26/21 12:00	03/05/21 21:16	1
Trichlorofluoromethane	<1.0		4.8	1.0	ug/Kg	☼	02/26/21 12:00	03/05/21 21:16	1
Vinyl chloride	<0.80		4.8	0.80	ug/Kg	☼	02/26/21 12:00	03/05/21 21:16	1
Xylenes, Total	<1.5		9.6	1.5	ug/Kg	☼	02/26/21 12:00	03/05/21 21:16	1
Naphthalene	<2.6		4.8	2.6	ug/Kg	☼	02/26/21 12:00	03/05/21 21:16	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*112*		*51 - 127*	*02/26/21 12:00*	*03/05/21 21:16*	*1*
Dibromofluoromethane (Surr)	*91*		*56 - 122*	*02/26/21 12:00*	*03/05/21 21:16*	*1*

Client Sample Results

Client: TRC Environmental Corporation.
Project/Site: ABB 2019 \ 2020

Job ID: 240-145018-1

Client Sample ID: SB-38 (2-4)

Date Collected: 02/25/21 08:30
Date Received: 02/25/21 16:22

Lab Sample ID: 240-145018-15

Matrix: Solid
Percent Solids: 81.8

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*98*		*59 - 120*	*02/26/21 12:00*	*03/05/21 21:16*	*1*
Toluene-d8 (Surr)	*105*		*64 - 124*	*02/26/21 12:00*	*03/05/21 21:16*	*1*

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Solids	**81.8**		0.1	0.1	%			02/26/21 13:53	1
Percent Moisture	**18.2**		0.1	0.1	%			02/26/21 13:53	1

Client Sample Results

Client: TRC Environmental Corporation.
Project/Site: ABB 2019 \ 2020

Job ID: 240-145018-1

Client Sample ID: SB-38 (4-6)

Date Collected: 02/25/21 08:35
Date Received: 02/25/21 16:22

Lab Sample ID: 240-145018-16

Matrix: Solid
Percent Solids: 77.3

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	**58**	**B**	27	23	ug/Kg	☼	02/26/21 12:00	03/05/21 21:41	1
Benzene	<0.75		5.4	0.75	ug/Kg	☼	02/26/21 12:00	03/05/21 21:41	1
Bromoform	<2.6		5.4	2.6	ug/Kg	☼	02/26/21 12:00	03/05/21 21:41	1
Bromomethane	<1.1		5.4	1.1	ug/Kg	☼	02/26/21 12:00	03/05/21 21:41	1
2-Butanone (MEK)	**6.4**	**J**	22	3.8	ug/Kg	☼	02/26/21 12:00	03/05/21 21:41	1
Carbon disulfide	<1.3		5.4	1.3	ug/Kg	☼	02/26/21 12:00	03/05/21 21:41	1
Carbon tetrachloride	<3.5		5.4	3.5	ug/Kg	☼	02/26/21 12:00	03/05/21 21:41	1
Chlorobenzene	<0.99		5.4	0.99	ug/Kg	☼	02/26/21 12:00	03/05/21 21:41	1
Chlorodibromomethane	<3.0		5.4	3.0	ug/Kg	☼	02/26/21 12:00	03/05/21 21:41	1
Chloroethane	<1.3		5.4	1.3	ug/Kg	☼	02/26/21 12:00	03/05/21 21:41	1
Chloroform	<0.85		5.4	0.85	ug/Kg	☼	02/26/21 12:00	03/05/21 21:41	1
Chloromethane	<1.1		5.4	1.1	ug/Kg	☼	02/26/21 12:00	03/05/21 21:41	1
cis-1,2-Dichloroethene	<0.70		5.4	0.70	ug/Kg	☼	02/26/21 12:00	03/05/21 21:41	1
cis-1,3-Dichloropropene	<1.6		5.4	1.6	ug/Kg	☼	02/26/21 12:00	03/05/21 21:41	1
1,2-Dibromo-3-Chloropropane	<3.9		11	3.9	ug/Kg	☼	02/26/21 12:00	03/05/21 21:41	1
1,2-Dichlorobenzene	<1.2		5.4	1.2	ug/Kg	☼	02/26/21 12:00	03/05/21 21:41	1
1,3-Dichlorobenzene	<0.88		5.4	0.88	ug/Kg	☼	02/26/21 12:00	03/05/21 21:41	1
1,4-Dichlorobenzene	<0.95		5.4	0.95	ug/Kg	☼	02/26/21 12:00	03/05/21 21:41	1
Dichlorobromomethane	<0.73		5.4	0.73	ug/Kg	☼	02/26/21 12:00	03/05/21 21:41	1
Dichlorodifluoromethane	<1.0		5.4	1.0	ug/Kg	☼	02/26/21 12:00	03/05/21 21:41	1
1,1-Dichloroethane	**5.4**		5.4	0.75	ug/Kg	☼	02/26/21 12:00	03/05/21 21:41	1
1,2-Dichloroethane	<0.83		5.4	0.83	ug/Kg	☼	02/26/21 12:00	03/05/21 21:41	1
1,1-Dichloroethene	<0.97		5.4	0.97	ug/Kg	☼	02/26/21 12:00	03/05/21 21:41	1
1,2-Dichloropropane	<0.92		5.4	0.92	ug/Kg	☼	02/26/21 12:00	03/05/21 21:41	1
1,4-Dioxane	**210**	**J**	270	24	ug/Kg	☼	02/26/21 12:00	03/05/21 21:41	1
Ethylbenzene	<1.1		5.4	1.1	ug/Kg	☼	02/26/21 12:00	03/05/21 21:41	1
Ethylene Dibromide	<0.83		5.4	0.83	ug/Kg	☼	02/26/21 12:00	03/05/21 21:41	1
2-Hexanone	<4.4		22	4.4	ug/Kg	☼	02/26/21 12:00	03/05/21 21:41	1
Isopropylbenzene	<0.90		5.4	0.90	ug/Kg	☼	02/26/21 12:00	03/05/21 21:41	1
Methylene Chloride	<13		27	13	ug/Kg	☼	02/26/21 12:00	03/05/21 21:41	1
4-Methyl-2-pentanone (MIBK)	<4.0	*+	22	4.0	ug/Kg	☼	02/26/21 12:00	03/05/21 21:41	1
Methyl tert-butyl ether	<0.89	*+	5.4	0.89	ug/Kg	☼	02/26/21 12:00	03/05/21 21:41	1
Styrene	<1.3		5.4	1.3	ug/Kg	☼	02/26/21 12:00	03/05/21 21:41	1
1,1,2,2-Tetrachloroethane	<1.5		5.4	1.5	ug/Kg	☼	02/26/21 12:00	03/05/21 21:41	1
Tetrachloroethene	<0.79		5.4	0.79	ug/Kg	☼	02/26/21 12:00	03/05/21 21:41	1
Toluene	**2.0**	**J**	5.4	0.83	ug/Kg	☼	02/26/21 12:00	03/05/21 21:41	1
trans-1,2-Dichloroethene	<0.50		5.4	0.50	ug/Kg	☼	02/26/21 12:00	03/05/21 21:41	1
trans-1,3-Dichloropropene	<1.1		5.4	1.1	ug/Kg	☼	02/26/21 12:00	03/05/21 21:41	1
1,2,4-Trichlorobenzene	<0.62		5.4	0.62	ug/Kg	☼	02/26/21 12:00	03/05/21 21:41	1
1,1,1-Trichloroethane	**1.8**	**J**	5.4	0.89	ug/Kg	☼	02/26/21 12:00	03/05/21 21:41	1
1,1,2-Trichloroethane	<1.2		5.4	1.2	ug/Kg	☼	02/26/21 12:00	03/05/21 21:41	1
Trichloroethene	<0.68		5.4	0.68	ug/Kg	☼	02/26/21 12:00	03/05/21 21:41	1
Trichlorofluoromethane	<1.2		5.4	1.2	ug/Kg	☼	02/26/21 12:00	03/05/21 21:41	1
Vinyl chloride	<0.90		5.4	0.90	ug/Kg	☼	02/26/21 12:00	03/05/21 21:41	1
Xylenes, Total	<1.7		11	1.7	ug/Kg	☼	02/26/21 12:00	03/05/21 21:41	1
Naphthalene	<2.9		5.4	2.9	ug/Kg	☼	02/26/21 12:00	03/05/21 21:41	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*109*		*51 - 127*	*02/26/21 12:00*	*03/05/21 21:41*	*1*
Dibromofluoromethane (Surr)	*95*		*56 - 122*	*02/26/21 12:00*	*03/05/21 21:41*	*1*

Client Sample Results

Client: TRC Environmental Corporation.
Project/Site: ABB 2019 \ 2020

Job ID: 240-145018-1

Client Sample ID: SB-38 (4-6)

Date Collected: 02/25/21 08:35
Date Received: 02/25/21 16:22

Lab Sample ID: 240-145018-16

Matrix: Solid
Percent Solids: 77.3

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*104*		*59 - 120*	*02/26/21 12:00*	*03/05/21 21:41*	*1*
Toluene-d8 (Surr)	*105*		*64 - 124*	*02/26/21 12:00*	*03/05/21 21:41*	*1*

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Solids	**77.3**		0.1	0.1	%			02/26/21 13:53	1
Percent Moisture	**22.7**		0.1	0.1	%			02/26/21 13:53	1

Client Sample Results

Client: TRC Environmental Corporation.
Project/Site: ABB 2019 \ 2020

Job ID: 240-145018-1

Client Sample ID: SB-39 (0-2)

Date Collected: 02/25/21 08:45
Date Received: 02/25/21 16:22

Lab Sample ID: 240-145018-18

Matrix: Solid
Percent Solids: 74.1

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	**35**	**B**	28	24	ug/Kg	☼	02/26/21 12:00	03/05/21 22:06	1
Benzene	<0.80		5.7	0.80	ug/Kg	☼	02/26/21 12:00	03/05/21 22:06	1
Bromoform	<2.7		5.7	2.7	ug/Kg	☼	02/26/21 12:00	03/05/21 22:06	1
Bromomethane	<1.1		5.7	1.1	ug/Kg	☼	02/26/21 12:00	03/05/21 22:06	1
2-Butanone (MEK)	**8.4**	**J**	23	4.0	ug/Kg	☼	02/26/21 12:00	03/05/21 22:06	1
Carbon disulfide	<1.3		5.7	1.3	ug/Kg	☼	02/26/21 12:00	03/05/21 22:06	1
Carbon tetrachloride	<3.7		5.7	3.7	ug/Kg	☼	02/26/21 12:00	03/05/21 22:06	1
Chlorobenzene	<1.0		5.7	1.0	ug/Kg	☼	02/26/21 12:00	03/05/21 22:06	1
Chlorodibromomethane	<3.2		5.7	3.2	ug/Kg	☼	02/26/21 12:00	03/05/21 22:06	1
Chloroethane	<1.4		5.7	1.4	ug/Kg	☼	02/26/21 12:00	03/05/21 22:06	1
Chloroform	<0.90		5.7	0.90	ug/Kg	☼	02/26/21 12:00	03/05/21 22:06	1
Chloromethane	<1.2		5.7	1.2	ug/Kg	☼	02/26/21 12:00	03/05/21 22:06	1
cis-1,2-Dichloroethene	<0.74		5.7	0.74	ug/Kg	☼	02/26/21 12:00	03/05/21 22:06	1
cis-1,3-Dichloropropene	<1.6		5.7	1.6	ug/Kg	☼	02/26/21 12:00	03/05/21 22:06	1
1,2-Dibromo-3-Chloropropane	<4.1		11	4.1	ug/Kg	☼	02/26/21 12:00	03/05/21 22:06	1
1,2-Dichlorobenzene	<1.3		5.7	1.3	ug/Kg	☼	02/26/21 12:00	03/05/21 22:06	1
1,3-Dichlorobenzene	<0.93		5.7	0.93	ug/Kg	☼	02/26/21 12:00	03/05/21 22:06	1
1,4-Dichlorobenzene	<1.0		5.7	1.0	ug/Kg	☼	02/26/21 12:00	03/05/21 22:06	1
Dichlorobromomethane	<0.77		5.7	0.77	ug/Kg	☼	02/26/21 12:00	03/05/21 22:06	1
Dichlorodifluoromethane	<1.1		5.7	1.1	ug/Kg	☼	02/26/21 12:00	03/05/21 22:06	1
1,1-Dichloroethane	<0.79		5.7	0.79	ug/Kg	☼	02/26/21 12:00	03/05/21 22:06	1
1,2-Dichloroethane	<0.88		5.7	0.88	ug/Kg	☼	02/26/21 12:00	03/05/21 22:06	1
1,1-Dichloroethene	<1.0		5.7	1.0	ug/Kg	☼	02/26/21 12:00	03/05/21 22:06	1
1,2-Dichloropropane	<0.97		5.7	0.97	ug/Kg	☼	02/26/21 12:00	03/05/21 22:06	1
1,4-Dioxane	<25		280	25	ug/Kg	☼	02/26/21 12:00	03/05/21 22:06	1
Ethylbenzene	<1.2		5.7	1.2	ug/Kg	☼	02/26/21 12:00	03/05/21 22:06	1
Ethylene Dibromide	<0.88		5.7	0.88	ug/Kg	☼	02/26/21 12:00	03/05/21 22:06	1
2-Hexanone	<4.7		23	4.7	ug/Kg	☼	02/26/21 12:00	03/05/21 22:06	1
Isopropylbenzene	<0.95		5.7	0.95	ug/Kg	☼	02/26/21 12:00	03/05/21 22:06	1
Methylene Chloride	<14		28	14	ug/Kg	☼	02/26/21 12:00	03/05/21 22:06	1
4-Methyl-2-pentanone (MIBK)	<4.2	*+	23	4.2	ug/Kg	☼	02/26/21 12:00	03/05/21 22:06	1
Methyl tert-butyl ether	<0.93	*+	5.7	0.93	ug/Kg	☼	02/26/21 12:00	03/05/21 22:06	1
Styrene	<1.3		5.7	1.3	ug/Kg	☼	02/26/21 12:00	03/05/21 22:06	1
1,1,2,2-Tetrachloroethane	<1.6		5.7	1.6	ug/Kg	☼	02/26/21 12:00	03/05/21 22:06	1
Tetrachloroethene	<0.83		5.7	0.83	ug/Kg	☼	02/26/21 12:00	03/05/21 22:06	1
Toluene	<0.88		5.7	0.88	ug/Kg	☼	02/26/21 12:00	03/05/21 22:06	1
trans-1,2-Dichloroethene	<0.53		5.7	0.53	ug/Kg	☼	02/26/21 12:00	03/05/21 22:06	1
trans-1,3-Dichloropropene	<1.2		5.7	1.2	ug/Kg	☼	02/26/21 12:00	03/05/21 22:06	1
1,2,4-Trichlorobenzene	<0.65		5.7	0.65	ug/Kg	☼	02/26/21 12:00	03/05/21 22:06	1
1,1,1-Trichloroethane	<0.93		5.7	0.93	ug/Kg	☼	02/26/21 12:00	03/05/21 22:06	1
1,1,2-Trichloroethane	<1.3		5.7	1.3	ug/Kg	☼	02/26/21 12:00	03/05/21 22:06	1
Trichloroethene	<0.72		5.7	0.72	ug/Kg	☼	02/26/21 12:00	03/05/21 22:06	1
Trichlorofluoromethane	<1.2		5.7	1.2	ug/Kg	☼	02/26/21 12:00	03/05/21 22:06	1
Vinyl chloride	<0.95		5.7	0.95	ug/Kg	☼	02/26/21 12:00	03/05/21 22:06	1
Xylenes, Total	<1.8		11	1.8	ug/Kg	☼	02/26/21 12:00	03/05/21 22:06	1
Naphthalene	<3.1		5.7	3.1	ug/Kg	☼	02/26/21 12:00	03/05/21 22:06	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*108*		*51 - 127*	*02/26/21 12:00*	*03/05/21 22:06*	*1*
Dibromofluoromethane (Surr)	*89*		*56 - 122*	*02/26/21 12:00*	*03/05/21 22:06*	*1*

Client: TRC Environmental Corporation.
Project/Site: ABB 2019 \ 2020

Job ID: 240-145018-1

Client Sample ID: SB-39 (0-2)

Date Collected: 02/25/21 08:45
Date Received: 02/25/21 16:22

Lab Sample ID: 240-145018-18

Matrix: Solid
Percent Solids: 74.1

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*97*		*59 - 120*	*02/26/21 12:00*	*03/05/21 22:06*	*1*
Toluene-d8 (Surr)	*105*		*64 - 124*	*02/26/21 12:00*	*03/05/21 22:06*	*1*

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Solids	**74.1**		0.1	0.1	%			02/26/21 13:53	1
Percent Moisture	**25.9**		0.1	0.1	%			02/26/21 13:53	1

Client Sample Results

Client: TRC Environmental Corporation.
Project/Site: ABB 2019 \ 2020

Job ID: 240-145018-1

Client Sample ID: SB-39 (2-4)

Date Collected: 02/25/21 08:50
Date Received: 02/25/21 16:22

Lab Sample ID: 240-145018-19

Matrix: Solid
Percent Solids: 71.5

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	<25		29	25	ug/Kg	☼	02/26/21 12:00	03/06/21 10:45	1
Benzene	<0.82		5.9	0.82	ug/Kg	☼	02/26/21 12:00	03/06/21 10:45	1
Bromoform	<2.8		5.9	2.8	ug/Kg	☼	02/26/21 12:00	03/06/21 10:45	1
Bromomethane	<1.2		5.9	1.2	ug/Kg	☼	02/26/21 12:00	03/06/21 10:45	1
2-Butanone (MEK)	<4.2		23	4.2	ug/Kg	☼	02/26/21 12:00	03/06/21 10:45	1
Carbon disulfide	<1.4		5.9	1.4	ug/Kg	☼	02/26/21 12:00	03/06/21 10:45	1
Carbon tetrachloride	<3.8		5.9	3.8	ug/Kg	☼	02/26/21 12:00	03/06/21 10:45	1
Chlorobenzene	<1.1		5.9	1.1	ug/Kg	☼	02/26/21 12:00	03/06/21 10:45	1
Chlorodibromomethane	<3.3		5.9	3.3	ug/Kg	☼	02/26/21 12:00	03/06/21 10:45	1
Chloroethane	<1.4		5.9	1.4	ug/Kg	☼	02/26/21 12:00	03/06/21 10:45	1
Chloroform	<0.93		5.9	0.93	ug/Kg	☼	02/26/21 12:00	03/06/21 10:45	1
Chloromethane	<1.2		5.9	1.2	ug/Kg	☼	02/26/21 12:00	03/06/21 10:45	1
cis-1,2-Dichloroethene	<0.76		5.9	0.76	ug/Kg	☼	02/26/21 12:00	03/06/21 10:45	1
cis-1,3-Dichloropropene	<1.7		5.9	1.7	ug/Kg	☼	02/26/21 12:00	03/06/21 10:45	1
1,2-Dibromo-3-Chloropropane	<4.2		12	4.2	ug/Kg	☼	02/26/21 12:00	03/06/21 10:45	1
1,2-Dichlorobenzene	<1.3		5.9	1.3	ug/Kg	☼	02/26/21 12:00	03/06/21 10:45	1
1,3-Dichlorobenzene	<0.96		5.9	0.96	ug/Kg	☼	02/26/21 12:00	03/06/21 10:45	1
1,4-Dichlorobenzene	<1.0		5.9	1.0	ug/Kg	☼	02/26/21 12:00	03/06/21 10:45	1
Dichlorobromomethane	<0.80		5.9	0.80	ug/Kg	☼	02/26/21 12:00	03/06/21 10:45	1
Dichlorodifluoromethane	<1.1		5.9	1.1	ug/Kg	☼	02/26/21 12:00	03/06/21 10:45	1
1,1-Dichloroethane	<0.81		5.9	0.81	ug/Kg	☼	02/26/21 12:00	03/06/21 10:45	1
1,2-Dichloroethane	<0.91		5.9	0.91	ug/Kg	☼	02/26/21 12:00	03/06/21 10:45	1
1,1-Dichloroethene	<1.1		5.9	1.1	ug/Kg	☼	02/26/21 12:00	03/06/21 10:45	1
1,2-Dichloropropane	<1.0		5.9	1.0	ug/Kg	☼	02/26/21 12:00	03/06/21 10:45	1
1,4-Dioxane	<26		290	26	ug/Kg	☼	02/26/21 12:00	03/06/21 10:45	1
Ethylbenzene	<1.2		5.9	1.2	ug/Kg	☼	02/26/21 12:00	03/06/21 10:45	1
Ethylene Dibromide	<0.90		5.9	0.90	ug/Kg	☼	02/26/21 12:00	03/06/21 10:45	1
2-Hexanone	<4.8		23	4.8	ug/Kg	☼	02/26/21 12:00	03/06/21 10:45	1
Isopropylbenzene	<0.98		5.9	0.98	ug/Kg	☼	02/26/21 12:00	03/06/21 10:45	1
Methylene Chloride	<14		29	14	ug/Kg	☼	02/26/21 12:00	03/06/21 10:45	1
4-Methyl-2-pentanone (MIBK)	<4.4		23	4.4	ug/Kg	☼	02/26/21 12:00	03/06/21 10:45	1
Methyl tert-butyl ether	<0.96		5.9	0.96	ug/Kg	☼	02/26/21 12:00	03/06/21 10:45	1
Styrene	<1.4		5.9	1.4	ug/Kg	☼	02/26/21 12:00	03/06/21 10:45	1
1,1,2,2-Tetrachloroethane	<1.7		5.9	1.7	ug/Kg	☼	02/26/21 12:00	03/06/21 10:45	1
Tetrachloroethene	<0.86		5.9	0.86	ug/Kg	☼	02/26/21 12:00	03/06/21 10:45	1
Toluene	<0.91		5.9	0.91	ug/Kg	☼	02/26/21 12:00	03/06/21 10:45	1
trans-1,2-Dichloroethene	<0.55		5.9	0.55	ug/Kg	☼	02/26/21 12:00	03/06/21 10:45	1
trans-1,3-Dichloropropene	<1.2		5.9	1.2	ug/Kg	☼	02/26/21 12:00	03/06/21 10:45	1
1,2,4-Trichlorobenzene	<0.67		5.9	0.67	ug/Kg	☼	02/26/21 12:00	03/06/21 10:45	1
1,1,1-Trichloroethane	<0.96		5.9	0.96	ug/Kg	☼	02/26/21 12:00	03/06/21 10:45	1
1,1,2-Trichloroethane	<1.3		5.9	1.3	ug/Kg	☼	02/26/21 12:00	03/06/21 10:45	1
Trichloroethene	<0.74		5.9	0.74	ug/Kg	☼	02/26/21 12:00	03/06/21 10:45	1
Trichlorofluoromethane	<1.3		5.9	1.3	ug/Kg	☼	02/26/21 12:00	03/06/21 10:45	1
Vinyl chloride	<0.98		5.9	0.98	ug/Kg	☼	02/26/21 12:00	03/06/21 10:45	1
Xylenes, Total	<1.9		12	1.9	ug/Kg	☼	02/26/21 12:00	03/06/21 10:45	1
Naphthalene	<3.2		5.9	3.2	ug/Kg	☼	02/26/21 12:00	03/06/21 10:45	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*71*		*51 - 127*	*02/26/21 12:00*	*03/06/21 10:45*	*1*
Dibromofluoromethane (Surr)	*81*		*56 - 122*	*02/26/21 12:00*	*03/06/21 10:45*	*1*

Client Sample Results

Client: TRC Environmental Corporation.
Project/Site: ABB 2019 \ 2020

Job ID: 240-145018-1

Client Sample ID: SB-39 (2-4)

Date Collected: 02/25/21 08:50
Date Received: 02/25/21 16:22

Lab Sample ID: 240-145018-19

Matrix: Solid
Percent Solids: 71.5

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*110*		*59 - 120*	*02/26/21 12:00*	*03/06/21 10:45*	*1*
Toluene-d8 (Surr)	*76*		*64 - 124*	*02/26/21 12:00*	*03/06/21 10:45*	*1*

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Solids	**71.5**		0.1	0.1	%			02/26/21 13:53	1
Percent Moisture	**28.5**		0.1	0.1	%			02/26/21 13:53	1

Client Sample Results

Client: TRC Environmental Corporation.
Project/Site: ABB 2019 \ 2020

Job ID: 240-145018-1

Client Sample ID: SB-39 (4-6)

Date Collected: 02/25/21 08:55
Date Received: 02/25/21 16:22

Lab Sample ID: 240-145018-20

Matrix: Solid
Percent Solids: 74.1

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	<20		24	20	ug/Kg	☼	02/26/21 12:00	03/06/21 11:08	1
Benzene	<0.66		4.7	0.66	ug/Kg	☼	02/26/21 12:00	03/06/21 11:08	1
Bromoform	<2.3		4.7	2.3	ug/Kg	☼	02/26/21 12:00	03/06/21 11:08	1
Bromomethane	<0.94		4.7	0.94	ug/Kg	☼	02/26/21 12:00	03/06/21 11:08	1
2-Butanone (MEK)	<3.4		19	3.4	ug/Kg	☼	02/26/21 12:00	03/06/21 11:08	1
Carbon disulfide	<1.1		4.7	1.1	ug/Kg	☼	02/26/21 12:00	03/06/21 11:08	1
Carbon tetrachloride	<3.1		4.7	3.1	ug/Kg	☼	02/26/21 12:00	03/06/21 11:08	1
Chlorobenzene	<0.87		4.7	0.87	ug/Kg	☼	02/26/21 12:00	03/06/21 11:08	1
Chlorodibromomethane	<2.6		4.7	2.6	ug/Kg	☼	02/26/21 12:00	03/06/21 11:08	1
Chloroethane	<1.2		4.7	1.2	ug/Kg	☼	02/26/21 12:00	03/06/21 11:08	1
Chloroform	<0.75		4.7	0.75	ug/Kg	☼	02/26/21 12:00	03/06/21 11:08	1
Chloromethane	<0.99		4.7	0.99	ug/Kg	☼	02/26/21 12:00	03/06/21 11:08	1
cis-1,2-Dichloroethene	<0.62		4.7	0.62	ug/Kg	☼	02/26/21 12:00	03/06/21 11:08	1
cis-1,3-Dichloropropene	<1.4		4.7	1.4	ug/Kg	☼	02/26/21 12:00	03/06/21 11:08	1
1,2-Dibromo-3-Chloropropane	<3.4		9.5	3.4	ug/Kg	☼	02/26/21 12:00	03/06/21 11:08	1
1,2-Dichlorobenzene	<1.1		4.7	1.1	ug/Kg	☼	02/26/21 12:00	03/06/21 11:08	1
1,3-Dichlorobenzene	<0.77		4.7	0.77	ug/Kg	☼	02/26/21 12:00	03/06/21 11:08	1
1,4-Dichlorobenzene	<0.84		4.7	0.84	ug/Kg	☼	02/26/21 12:00	03/06/21 11:08	1
Dichlorobromomethane	<0.64		4.7	0.64	ug/Kg	☼	02/26/21 12:00	03/06/21 11:08	1
Dichlorodifluoromethane	<0.89		4.7	0.89	ug/Kg	☼	02/26/21 12:00	03/06/21 11:08	1
1,1-Dichloroethane	**2.3**	**J**	4.7	0.66	ug/Kg	☼	02/26/21 12:00	03/06/21 11:08	1
1,2-Dichloroethane	<0.73		4.7	0.73	ug/Kg	☼	02/26/21 12:00	03/06/21 11:08	1
1,1-Dichloroethene	<0.86		4.7	0.86	ug/Kg	☼	02/26/21 12:00	03/06/21 11:08	1
1,2-Dichloropropane	<0.81		4.7	0.81	ug/Kg	☼	02/26/21 12:00	03/06/21 11:08	1
1,4-Dioxane	<21		240	21	ug/Kg	☼	02/26/21 12:00	03/06/21 11:08	1
Ethylbenzene	<0.99		4.7	0.99	ug/Kg	☼	02/26/21 12:00	03/06/21 11:08	1
Ethylene Dibromide	<0.73		4.7	0.73	ug/Kg	☼	02/26/21 12:00	03/06/21 11:08	1
2-Hexanone	<3.9		19	3.9	ug/Kg	☼	02/26/21 12:00	03/06/21 11:08	1
Isopropylbenzene	<0.79		4.7	0.79	ug/Kg	☼	02/26/21 12:00	03/06/21 11:08	1
Methylene Chloride	<11		24	11	ug/Kg	☼	02/26/21 12:00	03/06/21 11:08	1
4-Methyl-2-pentanone (MIBK)	<3.5		19	3.5	ug/Kg	☼	02/26/21 12:00	03/06/21 11:08	1
Methyl tert-butyl ether	<0.78		4.7	0.78	ug/Kg	☼	02/26/21 12:00	03/06/21 11:08	1
Styrene	<1.1		4.7	1.1	ug/Kg	☼	02/26/21 12:00	03/06/21 11:08	1
1,1,2,2-Tetrachloroethane	<1.4		4.7	1.4	ug/Kg	☼	02/26/21 12:00	03/06/21 11:08	1
Tetrachloroethene	<0.69		4.7	0.69	ug/Kg	☼	02/26/21 12:00	03/06/21 11:08	1
Toluene	<0.73		4.7	0.73	ug/Kg	☼	02/26/21 12:00	03/06/21 11:08	1
trans-1,2-Dichloroethene	<0.44		4.7	0.44	ug/Kg	☼	02/26/21 12:00	03/06/21 11:08	1
trans-1,3-Dichloropropene	<0.98		4.7	0.98	ug/Kg	☼	02/26/21 12:00	03/06/21 11:08	1
1,2,4-Trichlorobenzene	<0.54		4.7	0.54	ug/Kg	☼	02/26/21 12:00	03/06/21 11:08	1
1,1,1-Trichloroethane	**0.89**	**J**	4.7	0.78	ug/Kg	☼	02/26/21 12:00	03/06/21 11:08	1
1,1,2-Trichloroethane	<1.1		4.7	1.1	ug/Kg	☼	02/26/21 12:00	03/06/21 11:08	1
Trichloroethene	<0.60		4.7	0.60	ug/Kg	☼	02/26/21 12:00	03/06/21 11:08	1
Trichlorofluoromethane	<1.0		4.7	1.0	ug/Kg	☼	02/26/21 12:00	03/06/21 11:08	1
Vinyl chloride	<0.79		4.7	0.79	ug/Kg	☼	02/26/21 12:00	03/06/21 11:08	1
Xylenes, Total	<1.5		9.5	1.5	ug/Kg	☼	02/26/21 12:00	03/06/21 11:08	1
Naphthalene	<2.6		4.7	2.6	ug/Kg	☼	02/26/21 12:00	03/06/21 11:08	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*73*		*51 - 127*	*02/26/21 12:00*	*03/06/21 11:08*	*1*
Dibromofluoromethane (Surr)	*82*		*56 - 122*	*02/26/21 12:00*	*03/06/21 11:08*	*1*

Client: TRC Environmental Corporation.
Project/Site: ABB 2019 \ 2020

Job ID: 240-145018-1

Client Sample ID: SB-39 (4-6)

Date Collected: 02/25/21 08:55
Date Received: 02/25/21 16:22

Lab Sample ID: 240-145018-20

Matrix: Solid
Percent Solids: 74.1

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*113*		*59 - 120*	*02/26/21 12:00*	*03/06/21 11:08*	*1*
Toluene-d8 (Surr)	*75*		*64 - 124*	*02/26/21 12:00*	*03/06/21 11:08*	*1*

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Solids	**74.1**		0.1	0.1	%			02/26/21 13:53	1
Percent Moisture	**25.9**		0.1	0.1	%			02/26/21 13:53	1

Client Sample Results

Client: TRC Environmental Corporation.
Project/Site: ABB 2019 \ 2020

Job ID: 240-145018-1

Client Sample ID: WCA02-01

Date Collected: 02/25/21 09:15
Date Received: 02/25/21 16:22

Lab Sample ID: 240-145018-21

Matrix: Solid
Percent Solids: 77.8

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	<20		24	20	ug/Kg	☼	02/26/21 12:00	03/06/21 11:31	1
Benzene	<0.68		4.8	0.68	ug/Kg	☼	02/26/21 12:00	03/06/21 11:31	1
Bromoform	<2.3		4.8	2.3	ug/Kg	☼	02/26/21 12:00	03/06/21 11:31	1
Bromomethane	<0.96		4.8	0.96	ug/Kg	☼	02/26/21 12:00	03/06/21 11:31	1
2-Butanone (MEK)	<3.4		19	3.4	ug/Kg	☼	02/26/21 12:00	03/06/21 11:31	1
Carbon disulfide	<1.1		4.8	1.1	ug/Kg	☼	02/26/21 12:00	03/06/21 11:31	1
Carbon tetrachloride	<3.2		4.8	3.2	ug/Kg	☼	02/26/21 12:00	03/06/21 11:31	1
Chlorobenzene	<0.89		4.8	0.89	ug/Kg	☼	02/26/21 12:00	03/06/21 11:31	1
Chlorodibromomethane	<2.7		4.8	2.7	ug/Kg	☼	02/26/21 12:00	03/06/21 11:31	1
Chloroethane	<1.2		4.8	1.2	ug/Kg	☼	02/26/21 12:00	03/06/21 11:31	1
Chloroform	<0.76		4.8	0.76	ug/Kg	☼	02/26/21 12:00	03/06/21 11:31	1
Chloromethane	<1.0		4.8	1.0	ug/Kg	☼	02/26/21 12:00	03/06/21 11:31	1
cis-1,2-Dichloroethene	**2.0**	**J**	4.8	0.63	ug/Kg	☼	02/26/21 12:00	03/06/21 11:31	1
cis-1,3-Dichloropropene	<1.4		4.8	1.4	ug/Kg	☼	02/26/21 12:00	03/06/21 11:31	1
1,2-Dibromo-3-Chloropropane	<3.5		9.7	3.5	ug/Kg	☼	02/26/21 12:00	03/06/21 11:31	1
1,2-Dichlorobenzene	<1.1		4.8	1.1	ug/Kg	☼	02/26/21 12:00	03/06/21 11:31	1
1,3-Dichlorobenzene	<0.79		4.8	0.79	ug/Kg	☼	02/26/21 12:00	03/06/21 11:31	1
1,4-Dichlorobenzene	<0.86		4.8	0.86	ug/Kg	☼	02/26/21 12:00	03/06/21 11:31	1
Dichlorobromomethane	<0.66		4.8	0.66	ug/Kg	☼	02/26/21 12:00	03/06/21 11:31	1
Dichlorodifluoromethane	<0.91		4.8	0.91	ug/Kg	☼	02/26/21 12:00	03/06/21 11:31	1
1,1-Dichloroethane	**170**		4.8	0.67	ug/Kg	☼	02/26/21 12:00	03/06/21 11:31	1
1,2-Dichloroethane	**1.3**	**J**	4.8	0.75	ug/Kg	☼	02/26/21 12:00	03/06/21 11:31	1
1,1-Dichloroethene	**30**		4.8	0.88	ug/Kg	☼	02/26/21 12:00	03/06/21 11:31	1
1,2-Dichloropropane	<0.82		4.8	0.82	ug/Kg	☼	02/26/21 12:00	03/06/21 11:31	1
1,4-Dioxane	**640**		240	21	ug/Kg	☼	02/26/21 12:00	03/06/21 11:31	1
Ethylbenzene	<1.0		4.8	1.0	ug/Kg	☼	02/26/21 12:00	03/06/21 11:31	1
Ethylene Dibromide	<0.75		4.8	0.75	ug/Kg	☼	02/26/21 12:00	03/06/21 11:31	1
2-Hexanone	<4.0		19	4.0	ug/Kg	☼	02/26/21 12:00	03/06/21 11:31	1
Isopropylbenzene	<0.81		4.8	0.81	ug/Kg	☼	02/26/21 12:00	03/06/21 11:31	1
Methylene Chloride	<12		24	12	ug/Kg	☼	02/26/21 12:00	03/06/21 11:31	1
4-Methyl-2-pentanone (MIBK)	<3.6		19	3.6	ug/Kg	☼	02/26/21 12:00	03/06/21 11:31	1
Methyl tert-butyl ether	<0.79		4.8	0.79	ug/Kg	☼	02/26/21 12:00	03/06/21 11:31	1
Styrene	<1.1		4.8	1.1	ug/Kg	☼	02/26/21 12:00	03/06/21 11:31	1
1,1,2,2-Tetrachloroethane	<1.4		4.8	1.4	ug/Kg	☼	02/26/21 12:00	03/06/21 11:31	1
Tetrachloroethene	<0.71		4.8	0.71	ug/Kg	☼	02/26/21 12:00	03/06/21 11:31	1
Toluene	<0.75		4.8	0.75	ug/Kg	☼	02/26/21 12:00	03/06/21 11:31	1
trans-1,2-Dichloroethene	<0.45		4.8	0.45	ug/Kg	☼	02/26/21 12:00	03/06/21 11:31	1
trans-1,3-Dichloropropene	<1.0		4.8	1.0	ug/Kg	☼	02/26/21 12:00	03/06/21 11:31	1
1,2,4-Trichlorobenzene	<0.55		4.8	0.55	ug/Kg	☼	02/26/21 12:00	03/06/21 11:31	1
1,1,1-Trichloroethane	**16**		4.8	0.79	ug/Kg	☼	02/26/21 12:00	03/06/21 11:31	1
1,1,2-Trichloroethane	<1.1		4.8	1.1	ug/Kg	☼	02/26/21 12:00	03/06/21 11:31	1
Trichloroethene	<0.61		4.8	0.61	ug/Kg	☼	02/26/21 12:00	03/06/21 11:31	1
Trichlorofluoromethane	<1.0		4.8	1.0	ug/Kg	☼	02/26/21 12:00	03/06/21 11:31	1
Vinyl chloride	**1.3**	**J**	4.8	0.81	ug/Kg	☼	02/26/21 12:00	03/06/21 11:31	1
Xylenes, Total	<1.5		9.7	1.5	ug/Kg	☼	02/26/21 12:00	03/06/21 11:31	1
Naphthalene	<2.6		4.8	2.6	ug/Kg	☼	02/26/21 12:00	03/06/21 11:31	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*73*		*51 - 127*	*02/26/21 12:00*	*03/06/21 11:31*	*1*
Dibromofluoromethane (Surr)	*84*		*56 - 122*	*02/26/21 12:00*	*03/06/21 11:31*	*1*

Client Sample Results

Client: TRC Environmental Corporation.
Project/Site: ABB 2019 \ 2020

Job ID: 240-145018-1

Client Sample ID: WCA02-01

Date Collected: 02/25/21 09:15
Date Received: 02/25/21 16:22

Lab Sample ID: 240-145018-21

Matrix: Solid
Percent Solids: 77.8

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*108*		*59 - 120*	*02/26/21 12:00*	*03/06/21 11:31*	*1*
Toluene-d8 (Surr)	*77*		*64 - 124*	*02/26/21 12:00*	*03/06/21 11:31*	*1*

Method: 8260B - Volatile Organic Compounds (GC/MS) - TCLP

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1-Dichloroethene	<0.00019		0.025	0.00019	mg/L			03/08/21 14:33	1
1,2-Dichloroethane	<0.00021		0.025	0.00021	mg/L			03/08/21 14:33	1
2-Butanone (MEK)	<0.0012		0.25	0.0012	mg/L			03/08/21 14:33	1
Benzene	<0.00013		0.025	0.00013	mg/L			03/08/21 14:33	1
Carbon tetrachloride	<0.00026		0.025	0.00026	mg/L			03/08/21 14:33	1
Chlorobenzene	<0.00014		0.025	0.00014	mg/L			03/08/21 14:33	1
Chloroform	<0.00013		0.025	0.00013	mg/L			03/08/21 14:33	1
Tetrachloroethene	<0.00015		0.025	0.00015	mg/L			03/08/21 14:33	1
Trichloroethene	<0.00010		0.025	0.00010	mg/L			03/08/21 14:33	1
Vinyl chloride	<0.00020		0.025	0.00020	mg/L			03/08/21 14:33	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*102*		*74 - 124*		*03/08/21 14:33*	*1*
4-Bromofluorobenzene (Surr)	*104*		*77 - 120*		*03/08/21 14:33*	*1*
Toluene-d8 (Surr)	*92*		*80 - 120*		*03/08/21 14:33*	*1*
Dibromofluoromethane (Surr)	*108*		*80 - 120*		*03/08/21 14:33*	*1*

Method: 6010B - Metals (ICP) - TCLP

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	**0.0060**	**J B**	0.050	0.0041	mg/L		03/02/21 14:00	03/03/21 17:55	1
Barium	**0.31**	**J B**	0.50	0.0013	mg/L		03/02/21 14:00	03/03/21 17:55	1
Cadmium	<0.00020		0.050	0.00020	mg/L		03/02/21 14:00	03/03/21 17:55	1
Chromium	**0.0011**	**J B**	0.050	0.00063	mg/L		03/02/21 14:00	03/03/21 17:55	1
Lead	**0.0047**	**J**	0.050	0.0028	mg/L		03/02/21 14:00	03/03/21 17:55	1
Selenium	<0.0060		0.050	0.0060	mg/L		03/02/21 14:00	03/03/21 17:55	1
Silver	<0.00062		0.050	0.00062	mg/L		03/02/21 14:00	03/03/21 17:55	1

Method: 7470A - Mercury (CVAA) - TCLP

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.00013		0.0020	0.00013	mg/L		03/02/21 14:00	03/03/21 14:28	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Flashpoint	**>200**		1.00	1.00	Degrees F			03/08/21 10:38	1
Cyanide, Total	<0.27		0.70	0.27	mg/Kg	☼	03/04/21 20:09	03/04/21 22:01	1
Sulfide	<19		39	19	mg/Kg	☼	03/02/21 08:52	03/02/21 14:21	1
Sulfide as H2S	<19		39	19	mg/Kg	☼	03/02/21 08:52	03/02/21 14:21	1
pH	**4.9**	**HF**	0.1	0.1	SU			02/27/21 12:45	1
Corrosivity	**4.9**	**HF**	0.1	0.1	SU			02/27/21 12:45	1
Percent Solids	**77.8**		0.1	0.1	%			02/26/21 13:53	1
Percent Moisture	**22.2**		0.1	0.1	%			02/26/21 13:53	1

Client Sample Results

Client: TRC Environmental Corporation.
Project/Site: ABB 2019 \ 2020

Job ID: 240-145018-1

Client Sample ID: WCA02-02

Date Collected: 02/25/21 09:50
Date Received: 02/25/21 16:22

Lab Sample ID: 240-145018-22

Matrix: Solid
Percent Solids: 79.3

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	**5100**		1900	600	ug/Kg	☼	03/03/21 22:19	03/09/21 07:48	6.667
1,1,2,2-Tetrachloroethane	<1200		1900	1200	ug/Kg	☼	03/03/21 22:19	03/09/21 07:48	6.667
1,1,2-Trichloroethane	<440		1900	440	ug/Kg	☼	03/03/21 22:19	03/09/21 07:48	6.667
1,1-Dichloroethane	**8200**		1900	370	ug/Kg	☼	03/03/21 22:19	03/09/21 07:48	6.667
1,1-Dichloroethene	**8000**		1900	630	ug/Kg	☼	03/03/21 22:19	03/09/21 07:48	6.667
1,2,4-Trichlorobenzene	<1000		1900	1000	ug/Kg	☼	03/03/21 22:19	03/09/21 07:48	6.667
1,2-Dibromo-3-Chloropropane	<1700		3800	1700	ug/Kg	☼	03/03/21 22:19	03/09/21 07:48	6.667
1,2-Dichlorobenzene	<920		1900	920	ug/Kg	☼	03/03/21 22:19	03/09/21 07:48	6.667
1,2-Dichloroethane	<360		1900	360	ug/Kg	☼	03/03/21 22:19	03/09/21 07:48	6.667
1,2-Dichloropropane	<280		1900	280	ug/Kg	☼	03/03/21 22:19	03/09/21 07:48	6.667
1,3-Dichlorobenzene	<350		1900	350	ug/Kg	☼	03/03/21 22:19	03/09/21 07:48	6.667
1,4-Dichlorobenzene	<420		1900	420	ug/Kg	☼	03/03/21 22:19	03/09/21 07:48	6.667
1,4-Dioxane	<18000		96000	18000	ug/Kg	☼	03/03/21 22:19	03/09/21 07:48	6.667
2-Hexanone	<2000		7700	2000	ug/Kg	☼	03/03/21 22:19	03/09/21 07:48	6.667
Acetone	**40000**		7700	1900	ug/Kg	☼	03/03/21 22:19	03/09/21 07:48	6.667
Benzene	**3400**		1900	320	ug/Kg	☼	03/03/21 22:19	03/09/21 07:48	6.667
Bromoform	<1800		1900	1800	ug/Kg	☼	03/03/21 22:19	03/09/21 07:48	6.667
Bromomethane	<1300		1900	1300	ug/Kg	☼	03/03/21 22:19	03/09/21 07:48	6.667
Carbon disulfide	<830		1900	830	ug/Kg	☼	03/03/21 22:19	03/09/21 07:48	6.667
Carbon tetrachloride	<780		1900	780	ug/Kg	☼	03/03/21 22:19	03/09/21 07:48	6.667
Chlorobenzene	<270		1900	270	ug/Kg	☼	03/03/21 22:19	03/09/21 07:48	6.667
Chloroethane	<1200		1900	1200	ug/Kg	☼	03/03/21 22:19	03/09/21 07:48	6.667
Chloroform	<420		1900	420	ug/Kg	☼	03/03/21 22:19	03/09/21 07:48	6.667
Chloromethane	<510		1900	510	ug/Kg	☼	03/03/21 22:19	03/09/21 07:48	6.667
cis-1,2-Dichloroethene	**3500**		1900	310	ug/Kg	☼	03/03/21 22:19	03/09/21 07:48	6.667
cis-1,3-Dichloropropene	<950		1900	950	ug/Kg	☼	03/03/21 22:19	03/09/21 07:48	6.667
Dichlorobromomethane	<220		1900	220	ug/Kg	☼	03/03/21 22:19	03/09/21 07:48	6.667
Dichlorodifluoromethane	<410		1900	410	ug/Kg	☼	03/03/21 22:19	03/09/21 07:48	6.667
Ethylbenzene	**750**	**J**	1900	360	ug/Kg	☼	03/03/21 22:19	03/09/21 07:48	6.667
Ethylene Dibromide	<610		1900	610	ug/Kg	☼	03/03/21 22:19	03/09/21 07:48	6.667
Naphthalene	<910		1900	910	ug/Kg	☼	03/03/21 22:19	03/09/21 07:48	6.667
Isopropylbenzene	<290		1900	290	ug/Kg	☼	03/03/21 22:19	03/09/21 07:48	6.667
2-Butanone (MEK)	**19000**		7700	1200	ug/Kg	☼	03/03/21 22:19	03/09/21 07:48	6.667
4-Methyl-2-pentanone (MIBK)	**5800**	**J**	7700	1800	ug/Kg	☼	03/03/21 22:19	03/09/21 07:48	6.667
Methyl tert-butyl ether	<280		1900	280	ug/Kg	☼	03/03/21 22:19	03/09/21 07:48	6.667
Methylene Chloride	<2900		3800	2900	ug/Kg	☼	03/03/21 22:19	03/09/21 07:48	6.667
Styrene	<400		1900	400	ug/Kg	☼	03/03/21 22:19	03/09/21 07:48	6.667
Tetrachloroethene	<750		1900	750	ug/Kg	☼	03/03/21 22:19	03/09/21 07:48	6.667
Toluene	**53000**		1900	1800	ug/Kg	☼	03/03/21 22:19	03/09/21 07:48	6.667
trans-1,2-Dichloroethene	<480		1900	480	ug/Kg	☼	03/03/21 22:19	03/09/21 07:48	6.667
trans-1,3-Dichloropropene	<810		1900	810	ug/Kg	☼	03/03/21 22:19	03/09/21 07:48	6.667
Trichloroethene	**6200**		1900	1100	ug/Kg	☼	03/03/21 22:19	03/09/21 07:48	6.667
Trichlorofluoromethane	<1100		1900	1100	ug/Kg	☼	03/03/21 22:19	03/09/21 07:48	6.667
Vinyl chloride	<950		1900	950	ug/Kg	☼	03/03/21 22:19	03/09/21 07:48	6.667
Xylenes, Total	**4500**		3800	700	ug/Kg	☼	03/03/21 22:19	03/09/21 07:48	6.667
Chlorodibromomethane	<900		1900	900	ug/Kg	☼	03/03/21 22:19	03/09/21 07:48	6.667

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*127*		*47 - 136*	*03/03/21 22:19*	*03/09/21 07:48*	*6.667*
4-Bromofluorobenzene (Surr)	*94*		*51 - 124*	*03/03/21 22:19*	*03/09/21 07:48*	*6.667*

Client Sample Results

Client: TRC Environmental Corporation.
Project/Site: ABB 2019 \ 2020

Job ID: 240-145018-1

Client Sample ID: WCA02-02

Date Collected: 02/25/21 09:50
Date Received: 02/25/21 16:22

Lab Sample ID: 240-145018-22

Matrix: Solid
Percent Solids: 79.3

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
Toluene-d8 (Surr)	112		55 - 123	03/03/21 22:19	03/09/21 07:48	6.667
Dibromofluoromethane (Surr)	117		49 - 122	03/03/21 22:19	03/09/21 07:48	6.667

Method: 8260B - Volatile Organic Compounds (GC/MS) - TCLP

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1-Dichloroethene	**0.0080**	**J**	0.025	0.00019	mg/L			03/08/21 14:58	1
1,2-Dichloroethane	<0.00021		0.025	0.00021	mg/L			03/08/21 14:58	1
2-Butanone (MEK)	**0.42**		0.25	0.0012	mg/L			03/08/21 14:58	1
Benzene	**0.030**		0.025	0.00013	mg/L			03/08/21 14:58	1
Carbon tetrachloride	<0.00026		0.025	0.00026	mg/L			03/08/21 14:58	1
Chlorobenzene	<0.00014		0.025	0.00014	mg/L			03/08/21 14:58	1
Chloroform	<0.00013		0.025	0.00013	mg/L			03/08/21 14:58	1
Tetrachloroethene	<0.00015		0.025	0.00015	mg/L			03/08/21 14:58	1
Trichloroethene	**0.077**		0.025	0.00010	mg/L			03/08/21 14:58	1
Vinyl chloride	<0.00020		0.025	0.00020	mg/L			03/08/21 14:58	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	100		74 - 124		03/08/21 14:58	1
4-Bromofluorobenzene (Surr)	101		77 - 120		03/08/21 14:58	1
Toluene-d8 (Surr)	91		80 - 120		03/08/21 14:58	1
Dibromofluoromethane (Surr)	102		80 - 120		03/08/21 14:58	1

Method: 6010B - Metals (ICP) - TCLP

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	<0.0041		0.050	0.0041	mg/L		03/02/21 14:00	03/03/21 18:00	1
Barium	**0.099**	**J B**	0.50	0.0013	mg/L		03/02/21 14:00	03/03/21 18:00	1
Cadmium	<0.00020		0.050	0.00020	mg/L		03/02/21 14:00	03/03/21 18:00	1
Chromium	**0.0014**	**J B**	0.050	0.00063	mg/L		03/02/21 14:00	03/03/21 18:00	1
Lead	**0.0072**	**J**	0.050	0.0028	mg/L		03/02/21 14:00	03/03/21 18:00	1
Selenium	**0.0072**	**J**	0.050	0.0060	mg/L		03/02/21 14:00	03/03/21 18:00	1
Silver	<0.00062		0.050	0.00062	mg/L		03/02/21 14:00	03/03/21 18:00	1

Method: 7470A - Mercury (CVAA) - TCLP

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.00013		0.0020	0.00013	mg/L		03/02/21 14:00	03/03/21 14:30	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Flashpoint	**>200**		1.00	1.00	Degrees F			03/08/21 10:38	1
Cyanide, Total	<0.24		0.63	0.24	mg/Kg	☼	03/04/21 20:09	03/04/21 22:07	1
Sulfide	<19		38	19	mg/Kg	☼	03/02/21 08:52	03/02/21 13:32	1
Sulfide as H2S	<19		38	19	mg/Kg	☼	03/02/21 08:52	03/02/21 13:32	1
pH	**4.7**	**HF**	0.1	0.1	SU			02/27/21 12:45	1
Corrosivity	**4.7**	**HF**	0.1	0.1	SU			02/27/21 12:45	1
Percent Solids	**79.3**		0.1	0.1	%			02/26/21 13:53	1
Percent Moisture	**20.7**		0.1	0.1	%			02/26/21 13:53	1

Client Sample Results

Client: TRC Environmental Corporation.
Project/Site: ABB 2019 \ 2020

Job ID: 240-145018-1

Client Sample ID: SB-36 (0-2)_HEX

Date Collected: 02/25/21 07:25
Date Received: 02/25/21 16:22

Lab Sample ID: 240-145018-24

Matrix: Solid
Percent Solids: 77.6

Method: 6010B - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Barium	130		38	0.68	mg/Kg	☼	03/02/21 14:00	03/04/21 21:49	2
Cadmium	0.21	J	0.38	0.090	mg/Kg	☼	03/02/21 14:00	03/04/21 21:49	2
Chromium	2600		0.94	0.28	mg/Kg	☼	03/02/21 14:00	03/04/21 21:49	2
Silver	0.30	J	0.94	0.15	mg/Kg	☼	03/02/21 14:00	03/04/21 21:49	2
Arsenic	11		1.9	0.59	mg/Kg	☼	03/02/21 14:00	03/04/21 21:49	2
Lead	280		1.9	0.53	mg/Kg	☼	03/02/21 14:00	03/04/21 21:49	2
Selenium	0.94	J	2.8	0.88	mg/Kg	☼	03/02/21 14:00	03/04/21 21:49	2

Method: 7471A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.53	F1	0.13	0.023	mg/Kg	☼	03/02/21 14:00	03/03/21 15:44	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cr (VI)	<6.7		10	6.7	mg/Kg	☼	03/08/21 10:45	03/08/21 14:35	10
Percent Solids	77.6		0.1	0.1	%			03/02/21 13:06	1
Percent Moisture	22.4		0.1	0.1	%			03/02/21 13:06	1

Client Sample Results

Client: TRC Environmental Corporation.
Project/Site: ABB 2019 \ 2020

Job ID: 240-145018-1

Client Sample ID: SB-36 (0-2)

Date Collected: 02/25/21 07:20
Date Received: 02/25/21 16:22

Lab Sample ID: 240-145018-25

Matrix: Solid
Percent Solids: 69.5

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	**34000**		1700	540	ug/Kg	☼	03/03/21 22:19	03/08/21 16:52	4
1,1,2,2-Tetrachloroethane	<1000		1700	1000	ug/Kg	☼	03/03/21 22:19	03/08/21 16:52	4
1,1,2-Trichloroethane	**630**	**J**	1700	390	ug/Kg	☼	03/03/21 22:19	03/08/21 16:52	4
1,1-Dichloroethane	**840**	**J**	1700	330	ug/Kg	☼	03/03/21 22:19	03/08/21 16:52	4
1,1-Dichloroethene	<560		1700	560	ug/Kg	☼	03/03/21 22:19	03/08/21 16:52	4
1,2,4-Trichlorobenzene	<910		1700	910	ug/Kg	☼	03/03/21 22:19	03/08/21 16:52	4
1,2-Dibromo-3-Chloropropane	<1500		3400	1500	ug/Kg	☼	03/03/21 22:19	03/08/21 16:52	4
1,2-Dichlorobenzene	<820		1700	820	ug/Kg	☼	03/03/21 22:19	03/08/21 16:52	4
1,2-Dichloroethane	<320		1700	320	ug/Kg	☼	03/03/21 22:19	03/08/21 16:52	4
1,2-Dichloropropane	<250		1700	250	ug/Kg	☼	03/03/21 22:19	03/08/21 16:52	4
1,3-Dichlorobenzene	<320		1700	320	ug/Kg	☼	03/03/21 22:19	03/08/21 16:52	4
1,4-Dichlorobenzene	<380		1700	380	ug/Kg	☼	03/03/21 22:19	03/08/21 16:52	4
1,4-Dioxane	<16000		86000	16000	ug/Kg	☼	03/03/21 22:19	03/08/21 16:52	4
2-Hexanone	<1800		6900	1800	ug/Kg	☼	03/03/21 22:19	03/08/21 16:52	4
Acetone	<1700		6900	1700	ug/Kg	☼	03/03/21 22:19	03/08/21 16:52	4
Benzene	<290		1700	290	ug/Kg	☼	03/03/21 22:19	03/08/21 16:52	4
Bromoform	<1600		1700	1600	ug/Kg	☼	03/03/21 22:19	03/08/21 16:52	4
Bromomethane	<1100		1700	1100	ug/Kg	☼	03/03/21 22:19	03/08/21 16:52	4
Carbon disulfide	<740		1700	740	ug/Kg	☼	03/03/21 22:19	03/08/21 16:52	4
Carbon tetrachloride	<700		1700	700	ug/Kg	☼	03/03/21 22:19	03/08/21 16:52	4
Chlorobenzene	<240		1700	240	ug/Kg	☼	03/03/21 22:19	03/08/21 16:52	4
Chloroethane	<1000		1700	1000	ug/Kg	☼	03/03/21 22:19	03/08/21 16:52	4
Chloroform	<370		1700	370	ug/Kg	☼	03/03/21 22:19	03/08/21 16:52	4
Chloromethane	<450		1700	450	ug/Kg	☼	03/03/21 22:19	03/08/21 16:52	4
cis-1,2-Dichloroethene	<270		1700	270	ug/Kg	☼	03/03/21 22:19	03/08/21 16:52	4
cis-1,3-Dichloropropene	<850		1700	850	ug/Kg	☼	03/03/21 22:19	03/08/21 16:52	4
Dichlorobromomethane	<190		1700	190	ug/Kg	☼	03/03/21 22:19	03/08/21 16:52	4
Dichlorodifluoromethane	<360		1700	360	ug/Kg	☼	03/03/21 22:19	03/08/21 16:52	4
Ethylbenzene	<320		1700	320	ug/Kg	☼	03/03/21 22:19	03/08/21 16:52	4
Ethylene Dibromide	<540		1700	540	ug/Kg	☼	03/03/21 22:19	03/08/21 16:52	4
Naphthalene	<810		1700	810	ug/Kg	☼	03/03/21 22:19	03/08/21 16:52	4
Isopropylbenzene	<260		1700	260	ug/Kg	☼	03/03/21 22:19	03/08/21 16:52	4
2-Butanone (MEK)	<1100		6900	1100	ug/Kg	☼	03/03/21 22:19	03/08/21 16:52	4
4-Methyl-2-pentanone (MIBK)	<1600		6900	1600	ug/Kg	☼	03/03/21 22:19	03/08/21 16:52	4
Methyl tert-butyl ether	<250		1700	250	ug/Kg	☼	03/03/21 22:19	03/08/21 16:52	4
Methylene Chloride	<2600		3400	2600	ug/Kg	☼	03/03/21 22:19	03/08/21 16:52	4
Styrene	<360		1700	360	ug/Kg	☼	03/03/21 22:19	03/08/21 16:52	4
Tetrachloroethene	**860**	**J**	1700	670	ug/Kg	☼	03/03/21 22:19	03/08/21 16:52	4
Toluene	<1600		1700	1600	ug/Kg	☼	03/03/21 22:19	03/08/21 16:52	4
trans-1,2-Dichloroethene	<430		1700	430	ug/Kg	☼	03/03/21 22:19	03/08/21 16:52	4
trans-1,3-Dichloropropene	<720		1700	720	ug/Kg	☼	03/03/21 22:19	03/08/21 16:52	4
Trichloroethene	**1100**	**J**	1700	980	ug/Kg	☼	03/03/21 22:19	03/08/21 16:52	4
Trichlorofluoromethane	<940		1700	940	ug/Kg	☼	03/03/21 22:19	03/08/21 16:52	4
Vinyl chloride	<840		1700	840	ug/Kg	☼	03/03/21 22:19	03/08/21 16:52	4
Xylenes, Total	**2400**	**J**	3400	620	ug/Kg	☼	03/03/21 22:19	03/08/21 16:52	4
Chlorodibromomethane	<800		1700	800	ug/Kg	☼	03/03/21 22:19	03/08/21 16:52	4

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*114*		*47 - 136*	*03/03/21 22:19*	*03/08/21 16:52*	*4*
4-Bromofluorobenzene (Surr)	*109*		*51 - 124*	*03/03/21 22:19*	*03/08/21 16:52*	*4*

Client Sample Results

Client: TRC Environmental Corporation.
Project/Site: ABB 2019 \ 2020

Job ID: 240-145018-1

Client Sample ID: SB-36 (0-2)

Date Collected: 02/25/21 07:20
Date Received: 02/25/21 16:22

Lab Sample ID: 240-145018-25

Matrix: Solid
Percent Solids: 69.5

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Toluene-d8 (Surr)	*108*		*55 - 123*	*03/03/21 22:19*	*03/08/21 16:52*	*4*
Dibromofluoromethane (Surr)	*105*		*49 - 122*	*03/03/21 22:19*	*03/08/21 16:52*	*4*

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Solids	**69.5**		0.1	0.1	%			02/26/21 13:53	1
Percent Moisture	**30.5**		0.1	0.1	%			02/26/21 13:53	1

Client Sample Results

Client: TRC Environmental Corporation.
Project/Site: ABB 2019 \ 2020

Job ID: 240-145018-1

Client Sample ID: SB-36 (2-4)

Date Collected: 02/25/21 07:25
Date Received: 02/25/21 16:22

Lab Sample ID: 240-145018-26

Matrix: Solid
Percent Solids: 75.5

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	**24000**		740	230	ug/Kg	☼	03/03/21 22:19	03/08/21 17:18	2.5
1,1,2,2-Tetrachloroethane	<440		740	440	ug/Kg	☼	03/03/21 22:19	03/08/21 17:18	2.5
1,1,2-Trichloroethane	**510**	**J**	740	170	ug/Kg	☼	03/03/21 22:19	03/08/21 17:18	2.5
1,1-Dichloroethane	**920**		740	140	ug/Kg	☼	03/03/21 22:19	03/08/21 17:18	2.5
1,1-Dichloroethene	**410**	**J**	740	240	ug/Kg	☼	03/03/21 22:19	03/08/21 17:18	2.5
1,2,4-Trichlorobenzene	<390		740	390	ug/Kg	☼	03/03/21 22:19	03/08/21 17:18	2.5
1,2-Dibromo-3-Chloropropane	<650		1500	650	ug/Kg	☼	03/03/21 22:19	03/08/21 17:18	2.5
1,2-Dichlorobenzene	<350		740	350	ug/Kg	☼	03/03/21 22:19	03/08/21 17:18	2.5
1,2-Dichloroethane	<140		740	140	ug/Kg	☼	03/03/21 22:19	03/08/21 17:18	2.5
1,2-Dichloropropane	<110		740	110	ug/Kg	☼	03/03/21 22:19	03/08/21 17:18	2.5
1,3-Dichlorobenzene	<140		740	140	ug/Kg	☼	03/03/21 22:19	03/08/21 17:18	2.5
1,4-Dichlorobenzene	<160		740	160	ug/Kg	☼	03/03/21 22:19	03/08/21 17:18	2.5
1,4-Dioxane	<6800		37000	6800	ug/Kg	☼	03/03/21 22:19	03/08/21 17:18	2.5
2-Hexanone	<770		2900	770	ug/Kg	☼	03/03/21 22:19	03/08/21 17:18	2.5
Acetone	<720		2900	720	ug/Kg	☼	03/03/21 22:19	03/08/21 17:18	2.5
Benzene	<120		740	120	ug/Kg	☼	03/03/21 22:19	03/08/21 17:18	2.5
Bromoform	<670		740	670	ug/Kg	☼	03/03/21 22:19	03/08/21 17:18	2.5
Bromomethane	<490		740	490	ug/Kg	☼	03/03/21 22:19	03/08/21 17:18	2.5
Carbon disulfide	<320		740	320	ug/Kg	☼	03/03/21 22:19	03/08/21 17:18	2.5
Carbon tetrachloride	<300		740	300	ug/Kg	☼	03/03/21 22:19	03/08/21 17:18	2.5
Chlorobenzene	<100		740	100	ug/Kg	☼	03/03/21 22:19	03/08/21 17:18	2.5
Chloroethane	<440		740	440	ug/Kg	☼	03/03/21 22:19	03/08/21 17:18	2.5
Chloroform	<160		740	160	ug/Kg	☼	03/03/21 22:19	03/08/21 17:18	2.5
Chloromethane	<190		740	190	ug/Kg	☼	03/03/21 22:19	03/08/21 17:18	2.5
cis-1,2-Dichloroethene	**150**	**J**	740	120	ug/Kg	☼	03/03/21 22:19	03/08/21 17:18	2.5
cis-1,3-Dichloropropene	<370		740	370	ug/Kg	☼	03/03/21 22:19	03/08/21 17:18	2.5
Dichlorobromomethane	<83		740	83	ug/Kg	☼	03/03/21 22:19	03/08/21 17:18	2.5
Dichlorodifluoromethane	<160		740	160	ug/Kg	☼	03/03/21 22:19	03/08/21 17:18	2.5
Ethylbenzene	<140		740	140	ug/Kg	☼	03/03/21 22:19	03/08/21 17:18	2.5
Ethylene Dibromide	<230		740	230	ug/Kg	☼	03/03/21 22:19	03/08/21 17:18	2.5
Naphthalene	<350		740	350	ug/Kg	☼	03/03/21 22:19	03/08/21 17:18	2.5
Isopropylbenzene	<110		740	110	ug/Kg	☼	03/03/21 22:19	03/08/21 17:18	2.5
2-Butanone (MEK)	<460		2900	460	ug/Kg	☼	03/03/21 22:19	03/08/21 17:18	2.5
4-Methyl-2-pentanone (MIBK)	<700		2900	700	ug/Kg	☼	03/03/21 22:19	03/08/21 17:18	2.5
Methyl tert-butyl ether	<110		740	110	ug/Kg	☼	03/03/21 22:19	03/08/21 17:18	2.5
Methylene Chloride	<1100		1500	1100	ug/Kg	☼	03/03/21 22:19	03/08/21 17:18	2.5
Styrene	<150		740	150	ug/Kg	☼	03/03/21 22:19	03/08/21 17:18	2.5
Tetrachloroethene	**770**		740	290	ug/Kg	☼	03/03/21 22:19	03/08/21 17:18	2.5
Toluene	**810**		740	710	ug/Kg	☼	03/03/21 22:19	03/08/21 17:18	2.5
trans-1,2-Dichloroethene	<180		740	180	ug/Kg	☼	03/03/21 22:19	03/08/21 17:18	2.5
trans-1,3-Dichloropropene	<310		740	310	ug/Kg	☼	03/03/21 22:19	03/08/21 17:18	2.5
Trichloroethene	**1100**		740	420	ug/Kg	☼	03/03/21 22:19	03/08/21 17:18	2.5
Trichlorofluoromethane	<400		740	400	ug/Kg	☼	03/03/21 22:19	03/08/21 17:18	2.5
Vinyl chloride	<360		740	360	ug/Kg	☼	03/03/21 22:19	03/08/21 17:18	2.5
Xylenes, Total	**3000**		1500	270	ug/Kg	☼	03/03/21 22:19	03/08/21 17:18	2.5
Chlorodibromomethane	<340		740	340	ug/Kg	☼	03/03/21 22:19	03/08/21 17:18	2.5

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*102*		*47 - 136*	*03/03/21 22:19*	*03/08/21 17:18*	*2.5*
4-Bromofluorobenzene (Surr)	*97*		*51 - 124*	*03/03/21 22:19*	*03/08/21 17:18*	*2.5*

Client: TRC Environmental Corporation.
Project/Site: ABB 2019 \ 2020

Job ID: 240-145018-1

Client Sample ID: SB-36 (2-4)

Date Collected: 02/25/21 07:25
Date Received: 02/25/21 16:22

Lab Sample ID: 240-145018-26

Matrix: Solid
Percent Solids: 75.5

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Toluene-d8 (Surr)	*97*		*55 - 123*	*03/03/21 22:19*	*03/08/21 17:18*	*2.5*
Dibromofluoromethane (Surr)	*90*		*49 - 122*	*03/03/21 22:19*	*03/08/21 17:18*	*2.5*

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Solids	**75.5**		0.1	0.1	%			02/26/21 13:53	1
Percent Moisture	**24.5**		0.1	0.1	%			02/26/21 13:53	1

Client Sample Results

Client: TRC Environmental Corporation.
Project/Site: ABB 2019 \ 2020

Job ID: 240-145018-1

Client Sample ID: SB-36 (4-6)

Date Collected: 02/25/21 07:30
Date Received: 02/25/21 16:22

Lab Sample ID: 240-145018-27

Matrix: Solid
Percent Solids: 91.7

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	**12000**		500	160	ug/Kg	☼	03/03/21 22:19	03/08/21 17:43	2
1,1,2,2-Tetrachloroethane	<300		500	300	ug/Kg	☼	03/03/21 22:19	03/08/21 17:43	2
1,1,2-Trichloroethane	**430**	**J**	500	110	ug/Kg	☼	03/03/21 22:19	03/08/21 17:43	2
1,1-Dichloroethane	**1800**		500	96	ug/Kg	☼	03/03/21 22:19	03/08/21 17:43	2
1,1-Dichloroethene	**2600**		500	160	ug/Kg	☼	03/03/21 22:19	03/08/21 17:43	2
1,2,4-Trichlorobenzene	<270		500	270	ug/Kg	☼	03/03/21 22:19	03/08/21 17:43	2
1,2-Dibromo-3-Chloropropane	<440		1000	440	ug/Kg	☼	03/03/21 22:19	03/08/21 17:43	2
1,2-Dichlorobenzene	<240		500	240	ug/Kg	☼	03/03/21 22:19	03/08/21 17:43	2
1,2-Dichloroethane	**150**	**J**	500	94	ug/Kg	☼	03/03/21 22:19	03/08/21 17:43	2
1,2-Dichloropropane	<74		500	74	ug/Kg	☼	03/03/21 22:19	03/08/21 17:43	2
1,3-Dichlorobenzene	<92		500	92	ug/Kg	☼	03/03/21 22:19	03/08/21 17:43	2
1,4-Dichlorobenzene	<110		500	110	ug/Kg	☼	03/03/21 22:19	03/08/21 17:43	2
1,4-Dioxane	<4600		25000	4600	ug/Kg	☼	03/03/21 22:19	03/08/21 17:43	2
2-Hexanone	<530		2000	530	ug/Kg	☼	03/03/21 22:19	03/08/21 17:43	2
Acetone	**2900**		2000	490	ug/Kg	☼	03/03/21 22:19	03/08/21 17:43	2
Benzene	**130**	**J**	500	84	ug/Kg	☼	03/03/21 22:19	03/08/21 17:43	2
Bromoform	<460		500	460	ug/Kg	☼	03/03/21 22:19	03/08/21 17:43	2
Bromomethane	<330		500	330	ug/Kg	☼	03/03/21 22:19	03/08/21 17:43	2
Carbon disulfide	<220		500	220	ug/Kg	☼	03/03/21 22:19	03/08/21 17:43	2
Carbon tetrachloride	<200		500	200	ug/Kg	☼	03/03/21 22:19	03/08/21 17:43	2
Chlorobenzene	<70		500	70	ug/Kg	☼	03/03/21 22:19	03/08/21 17:43	2
Chloroethane	<300		500	300	ug/Kg	☼	03/03/21 22:19	03/08/21 17:43	2
Chloroform	<110		500	110	ug/Kg	☼	03/03/21 22:19	03/08/21 17:43	2
Chloromethane	<130		500	130	ug/Kg	☼	03/03/21 22:19	03/08/21 17:43	2
cis-1,2-Dichloroethene	**150**	**J**	500	80	ug/Kg	☼	03/03/21 22:19	03/08/21 17:43	2
cis-1,3-Dichloropropene	<250		500	250	ug/Kg	☼	03/03/21 22:19	03/08/21 17:43	2
Dichlorobromomethane	<56		500	56	ug/Kg	☼	03/03/21 22:19	03/08/21 17:43	2
Dichlorodifluoromethane	<110		500	110	ug/Kg	☼	03/03/21 22:19	03/08/21 17:43	2
Ethylbenzene	**920**		500	94	ug/Kg	☼	03/03/21 22:19	03/08/21 17:43	2
Ethylene Dibromide	<160		500	160	ug/Kg	☼	03/03/21 22:19	03/08/21 17:43	2
Naphthalene	<240		500	240	ug/Kg	☼	03/03/21 22:19	03/08/21 17:43	2
Isopropylbenzene	<76		500	76	ug/Kg	☼	03/03/21 22:19	03/08/21 17:43	2
2-Butanone (MEK)	**1100**	**J**	2000	310	ug/Kg	☼	03/03/21 22:19	03/08/21 17:43	2
4-Methyl-2-pentanone (MIBK)	**1100**	**J**	2000	480	ug/Kg	☼	03/03/21 22:19	03/08/21 17:43	2
Methyl tert-butyl ether	<74		500	74	ug/Kg	☼	03/03/21 22:19	03/08/21 17:43	2
Methylene Chloride	<770		1000	770	ug/Kg	☼	03/03/21 22:19	03/08/21 17:43	2
Styrene	<100		500	100	ug/Kg	☼	03/03/21 22:19	03/08/21 17:43	2
Tetrachloroethene	**240**	**J**	500	190	ug/Kg	☼	03/03/21 22:19	03/08/21 17:43	2
Toluene	**21000**		500	480	ug/Kg	☼	03/03/21 22:19	03/08/21 17:43	2
trans-1,2-Dichloroethene	<120		500	120	ug/Kg	☼	03/03/21 22:19	03/08/21 17:43	2
trans-1,3-Dichloropropene	<210		500	210	ug/Kg	☼	03/03/21 22:19	03/08/21 17:43	2
Trichloroethene	**790**		500	290	ug/Kg	☼	03/03/21 22:19	03/08/21 17:43	2
Trichlorofluoromethane	<270		500	270	ug/Kg	☼	03/03/21 22:19	03/08/21 17:43	2
Vinyl chloride	<250		500	250	ug/Kg	☼	03/03/21 22:19	03/08/21 17:43	2
Xylenes, Total	**3700**		1000	180	ug/Kg	☼	03/03/21 22:19	03/08/21 17:43	2
Chlorodibromomethane	<230		500	230	ug/Kg	☼	03/03/21 22:19	03/08/21 17:43	2

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*82*		*47 - 136*	*03/03/21 22:19*	*03/08/21 17:43*	*2*
4-Bromofluorobenzene (Surr)	*84*		*51 - 124*	*03/03/21 22:19*	*03/08/21 17:43*	*2*

Client Sample Results

Client: TRC Environmental Corporation.
Project/Site: ABB 2019 \ 2020

Job ID: 240-145018-1

Client Sample ID: SB-36 (4-6)

Date Collected: 02/25/21 07:30
Date Received: 02/25/21 16:22

Lab Sample ID: 240-145018-27

Matrix: Solid
Percent Solids: 91.7

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Toluene-d8 (Surr)	*85*		*55 - 123*	*03/03/21 22:19*	*03/08/21 17:43*	*2*
Dibromofluoromethane (Surr)	*75*		*49 - 122*	*03/03/21 22:19*	*03/08/21 17:43*	*2*

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Solids	**91.7**		0.1	0.1	%			02/26/21 13:53	1
Percent Moisture	**8.3**		0.1	0.1	%			02/26/21 13:53	1

Client Sample Results

Client: TRC Environmental Corporation.
Project/Site: ABB 2019 \ 2020

Job ID: 240-145018-1

Client Sample ID: SB-53(0-2)

Date Collected: 02/25/21 07:50
Date Received: 02/25/21 16:22

Lab Sample ID: 240-145018-29

Matrix: Solid
Percent Solids: 78.5

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	**310**		300	95	ug/Kg	☼	03/03/21 22:19	03/08/21 18:08	1
1,1,2,2-Tetrachloroethane	<180		300	180	ug/Kg	☼	03/03/21 22:19	03/08/21 18:08	1
1,1,2-Trichloroethane	<69		300	69	ug/Kg	☼	03/03/21 22:19	03/08/21 18:08	1
1,1-Dichloroethane	**250**	**J**	300	58	ug/Kg	☼	03/03/21 22:19	03/08/21 18:08	1
1,1-Dichloroethene	<100		300	100	ug/Kg	☼	03/03/21 22:19	03/08/21 18:08	1
1,2,4-Trichlorobenzene	<160		300	160	ug/Kg	☼	03/03/21 22:19	03/08/21 18:08	1
1,2-Dibromo-3-Chloropropane	<270		610	270	ug/Kg	☼	03/03/21 22:19	03/08/21 18:08	1
1,2-Dichlorobenzene	<150		300	150	ug/Kg	☼	03/03/21 22:19	03/08/21 18:08	1
1,2-Dichloroethane	<57		300	57	ug/Kg	☼	03/03/21 22:19	03/08/21 18:08	1
1,2-Dichloropropane	<45		300	45	ug/Kg	☼	03/03/21 22:19	03/08/21 18:08	1
1,3-Dichlorobenzene	<56		300	56	ug/Kg	☼	03/03/21 22:19	03/08/21 18:08	1
1,4-Dichlorobenzene	<67		300	67	ug/Kg	☼	03/03/21 22:19	03/08/21 18:08	1
1,4-Dioxane	<2800		15000	2800	ug/Kg	☼	03/03/21 22:19	03/08/21 18:08	1
2-Hexanone	<320		1200	320	ug/Kg	☼	03/03/21 22:19	03/08/21 18:08	1
Acetone	**300**	**J**	1200	300	ug/Kg	☼	03/03/21 22:19	03/08/21 18:08	1
Benzene	<51		300	51	ug/Kg	☼	03/03/21 22:19	03/08/21 18:08	1
Bromoform	<280		300	280	ug/Kg	☼	03/03/21 22:19	03/08/21 18:08	1
Bromomethane	<200		300	200	ug/Kg	☼	03/03/21 22:19	03/08/21 18:08	1
Carbon disulfide	<130		300	130	ug/Kg	☼	03/03/21 22:19	03/08/21 18:08	1
Carbon tetrachloride	<120		300	120	ug/Kg	☼	03/03/21 22:19	03/08/21 18:08	1
Chlorobenzene	<43		300	43	ug/Kg	☼	03/03/21 22:19	03/08/21 18:08	1
Chloroethane	<180		300	180	ug/Kg	☼	03/03/21 22:19	03/08/21 18:08	1
Chloroform	<66		300	66	ug/Kg	☼	03/03/21 22:19	03/08/21 18:08	1
Chloromethane	<80		300	80	ug/Kg	☼	03/03/21 22:19	03/08/21 18:08	1
cis-1,2-Dichloroethene	<49		300	49	ug/Kg	☼	03/03/21 22:19	03/08/21 18:08	1
cis-1,3-Dichloropropene	<150		300	150	ug/Kg	☼	03/03/21 22:19	03/08/21 18:08	1
Dichlorobromomethane	<34		300	34	ug/Kg	☼	03/03/21 22:19	03/08/21 18:08	1
Dichlorodifluoromethane	<64		300	64	ug/Kg	☼	03/03/21 22:19	03/08/21 18:08	1
Ethylbenzene	<57		300	57	ug/Kg	☼	03/03/21 22:19	03/08/21 18:08	1
Ethylene Dibromide	<96		300	96	ug/Kg	☼	03/03/21 22:19	03/08/21 18:08	1
Naphthalene	<140		300	140	ug/Kg	☼	03/03/21 22:19	03/08/21 18:08	1
Isopropylbenzene	<46		300	46	ug/Kg	☼	03/03/21 22:19	03/08/21 18:08	1
2-Butanone (MEK)	<190		1200	190	ug/Kg	☼	03/03/21 22:19	03/08/21 18:08	1
4-Methyl-2-pentanone (MIBK)	<290		1200	290	ug/Kg	☼	03/03/21 22:19	03/08/21 18:08	1
Methyl tert-butyl ether	<45		300	45	ug/Kg	☼	03/03/21 22:19	03/08/21 18:08	1
Methylene Chloride	<470		610	470	ug/Kg	☼	03/03/21 22:19	03/08/21 18:08	1
Styrene	<63		300	63	ug/Kg	☼	03/03/21 22:19	03/08/21 18:08	1
Tetrachloroethene	<120		300	120	ug/Kg	☼	03/03/21 22:19	03/08/21 18:08	1
Toluene	<290		300	290	ug/Kg	☼	03/03/21 22:19	03/08/21 18:08	1
trans-1,2-Dichloroethene	<75		300	75	ug/Kg	☼	03/03/21 22:19	03/08/21 18:08	1
trans-1,3-Dichloropropene	<130		300	130	ug/Kg	☼	03/03/21 22:19	03/08/21 18:08	1
Trichloroethene	<170		300	170	ug/Kg	☼	03/03/21 22:19	03/08/21 18:08	1
Trichlorofluoromethane	<170		300	170	ug/Kg	☼	03/03/21 22:19	03/08/21 18:08	1
Vinyl chloride	<150		300	150	ug/Kg	☼	03/03/21 22:19	03/08/21 18:08	1
Xylenes, Total	<110		610	110	ug/Kg	☼	03/03/21 22:19	03/08/21 18:08	1
Chlorodibromomethane	<140		300	140	ug/Kg	☼	03/03/21 22:19	03/08/21 18:08	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*102*		*47 - 136*	*03/03/21 22:19*	*03/08/21 18:08*	*1*
4-Bromofluorobenzene (Surr)	*94*		*51 - 124*	*03/03/21 22:19*	*03/08/21 18:08*	*1*

Client: TRC Environmental Corporation.
Project/Site: ABB 2019 \ 2020

Job ID: 240-145018-1

Client Sample ID: SB-53(0-2)

Date Collected: 02/25/21 07:50
Date Received: 02/25/21 16:22

Lab Sample ID: 240-145018-29

Matrix: Solid
Percent Solids: 78.5

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Toluene-d8 (Surr)	*100*		*55 - 123*	*03/03/21 22:19*	*03/08/21 18:08*	*1*
Dibromofluoromethane (Surr)	*88*		*49 - 122*	*03/03/21 22:19*	*03/08/21 18:08*	*1*

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Solids	**78.5**		0.1	0.1	%			02/26/21 13:53	1
Percent Moisture	**21.5**		0.1	0.1	%			02/26/21 13:53	1

Client Sample Results

Client: TRC Environmental Corporation.
Project/Site: ABB 2019 \ 2020

Job ID: 240-145018-1

Client Sample ID: SB-53(2-4)

Date Collected: 02/25/21 07:55
Date Received: 02/25/21 16:22

Lab Sample ID: 240-145018-30

Matrix: Solid
Percent Solids: 75.0

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	<19		23	19	ug/Kg	☼	02/26/21 12:00	03/06/21 11:54	1
Benzene	<0.64		4.6	0.64	ug/Kg	☼	02/26/21 12:00	03/06/21 11:54	1
Bromoform	<2.2		4.6	2.2	ug/Kg	☼	02/26/21 12:00	03/06/21 11:54	1
Bromomethane	<0.90		4.6	0.90	ug/Kg	☼	02/26/21 12:00	03/06/21 11:54	1
2-Butanone (MEK)	<3.3		18	3.3	ug/Kg	☼	02/26/21 12:00	03/06/21 11:54	1
Carbon disulfide	<1.1		4.6	1.1	ug/Kg	☼	02/26/21 12:00	03/06/21 11:54	1
Carbon tetrachloride	<3.0		4.6	3.0	ug/Kg	☼	02/26/21 12:00	03/06/21 11:54	1
Chlorobenzene	<0.84		4.6	0.84	ug/Kg	☼	02/26/21 12:00	03/06/21 11:54	1
Chlorodibromomethane	<2.5		4.6	2.5	ug/Kg	☼	02/26/21 12:00	03/06/21 11:54	1
Chloroethane	<1.1		4.6	1.1	ug/Kg	☼	02/26/21 12:00	03/06/21 11:54	1
Chloroform	<0.72		4.6	0.72	ug/Kg	☼	02/26/21 12:00	03/06/21 11:54	1
Chloromethane	<0.95		4.6	0.95	ug/Kg	☼	02/26/21 12:00	03/06/21 11:54	1
cis-1,2-Dichloroethene	<0.60		4.6	0.60	ug/Kg	☼	02/26/21 12:00	03/06/21 11:54	1
cis-1,3-Dichloropropene	<1.3		4.6	1.3	ug/Kg	☼	02/26/21 12:00	03/06/21 11:54	1
1,2-Dibromo-3-Chloropropane	<3.3		9.2	3.3	ug/Kg	☼	02/26/21 12:00	03/06/21 11:54	1
1,2-Dichlorobenzene	<1.0		4.6	1.0	ug/Kg	☼	02/26/21 12:00	03/06/21 11:54	1
1,3-Dichlorobenzene	<0.75		4.6	0.75	ug/Kg	☼	02/26/21 12:00	03/06/21 11:54	1
1,4-Dichlorobenzene	<0.81		4.6	0.81	ug/Kg	☼	02/26/21 12:00	03/06/21 11:54	1
Dichlorobromomethane	<0.62		4.6	0.62	ug/Kg	☼	02/26/21 12:00	03/06/21 11:54	1
Dichlorodifluoromethane	<0.86		4.6	0.86	ug/Kg	☼	02/26/21 12:00	03/06/21 11:54	1
1,1-Dichloroethane	**15**		4.6	0.63	ug/Kg	☼	02/26/21 12:00	03/06/21 11:54	1
1,2-Dichloroethane	<0.71		4.6	0.71	ug/Kg	☼	02/26/21 12:00	03/06/21 11:54	1
1,1-Dichloroethene	**3.4**	**J**	4.6	0.83	ug/Kg	☼	02/26/21 12:00	03/06/21 11:54	1
1,2-Dichloropropane	<0.78		4.6	0.78	ug/Kg	☼	02/26/21 12:00	03/06/21 11:54	1
1,4-Dioxane	<20		230	20	ug/Kg	☼	02/26/21 12:00	03/06/21 11:54	1
Ethylbenzene	<0.96		4.6	0.96	ug/Kg	☼	02/26/21 12:00	03/06/21 11:54	1
Ethylene Dibromide	<0.70		4.6	0.70	ug/Kg	☼	02/26/21 12:00	03/06/21 11:54	1
2-Hexanone	<3.7		18	3.7	ug/Kg	☼	02/26/21 12:00	03/06/21 11:54	1
Isopropylbenzene	<0.76		4.6	0.76	ug/Kg	☼	02/26/21 12:00	03/06/21 11:54	1
Methylene Chloride	<11		23	11	ug/Kg	☼	02/26/21 12:00	03/06/21 11:54	1
4-Methyl-2-pentanone (MIBK)	<3.4		18	3.4	ug/Kg	☼	02/26/21 12:00	03/06/21 11:54	1
Methyl tert-butyl ether	<0.75		4.6	0.75	ug/Kg	☼	02/26/21 12:00	03/06/21 11:54	1
Styrene	<1.1		4.6	1.1	ug/Kg	☼	02/26/21 12:00	03/06/21 11:54	1
1,1,2,2-Tetrachloroethane	<1.3		4.6	1.3	ug/Kg	☼	02/26/21 12:00	03/06/21 11:54	1
Tetrachloroethene	<0.67		4.6	0.67	ug/Kg	☼	02/26/21 12:00	03/06/21 11:54	1
Toluene	<0.71		4.6	0.71	ug/Kg	☼	02/26/21 12:00	03/06/21 11:54	1
trans-1,2-Dichloroethene	<0.43		4.6	0.43	ug/Kg	☼	02/26/21 12:00	03/06/21 11:54	1
trans-1,3-Dichloropropene	<0.95		4.6	0.95	ug/Kg	☼	02/26/21 12:00	03/06/21 11:54	1
1,2,4-Trichlorobenzene	<0.52		4.6	0.52	ug/Kg	☼	02/26/21 12:00	03/06/21 11:54	1
1,1,1-Trichloroethane	<0.75		4.6	0.75	ug/Kg	☼	02/26/21 12:00	03/06/21 11:54	1
1,1,2-Trichloroethane	<1.0		4.6	1.0	ug/Kg	☼	02/26/21 12:00	03/06/21 11:54	1
Trichloroethene	<0.58		4.6	0.58	ug/Kg	☼	02/26/21 12:00	03/06/21 11:54	1
Trichlorofluoromethane	<0.99		4.6	0.99	ug/Kg	☼	02/26/21 12:00	03/06/21 11:54	1
Vinyl chloride	<0.77		4.6	0.77	ug/Kg	☼	02/26/21 12:00	03/06/21 11:54	1
Xylenes, Total	<1.5		9.2	1.5	ug/Kg	☼	02/26/21 12:00	03/06/21 11:54	1
Naphthalene	<2.5		4.6	2.5	ug/Kg	☼	02/26/21 12:00	03/06/21 11:54	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*74*		*51 - 127*	*02/26/21 12:00*	*03/06/21 11:54*	*1*
Dibromofluoromethane (Surr)	*85*		*56 - 122*	*02/26/21 12:00*	*03/06/21 11:54*	*1*

Client Sample Results

Client: TRC Environmental Corporation.
Project/Site: ABB 2019 \ 2020

Job ID: 240-145018-1

Client Sample ID: SB-53(2-4)

Date Collected: 02/25/21 07:55
Date Received: 02/25/21 16:22

Lab Sample ID: 240-145018-30

Matrix: Solid
Percent Solids: 75.0

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*113*		*59 - 120*	*02/26/21 12:00*	*03/06/21 11:54*	*1*
Toluene-d8 (Surr)	*76*		*64 - 124*	*02/26/21 12:00*	*03/06/21 11:54*	*1*

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Solids	**75.0**		0.1	0.1	%			02/26/21 13:53	1
Percent Moisture	**25.0**		0.1	0.1	%			02/26/21 13:53	1

Client Sample Results

Client: TRC Environmental Corporation.
Project/Site: ABB 2019 \ 2020

Job ID: 240-145018-1

Client Sample ID: SB-53(4-6)

Date Collected: 02/25/21 08:00
Date Received: 02/25/21 16:22

Lab Sample ID: 240-145018-31

Matrix: Solid
Percent Solids: 79.6

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	**740**		340	110	ug/Kg	☼	03/03/21 22:19	03/08/21 19:24	1
1,1,2,2-Tetrachloroethane	<200		340	200	ug/Kg	☼	03/03/21 22:19	03/08/21 19:24	1
1,1,2-Trichloroethane	<77		340	77	ug/Kg	☼	03/03/21 22:19	03/08/21 19:24	1
1,1-Dichloroethane	**230**	**J**	340	65	ug/Kg	☼	03/03/21 22:19	03/08/21 19:24	1
1,1-Dichloroethene	**130**	**J**	340	110	ug/Kg	☼	03/03/21 22:19	03/08/21 19:24	1
1,2,4-Trichlorobenzene	<180		340	180	ug/Kg	☼	03/03/21 22:19	03/08/21 19:24	1
1,2-Dibromo-3-Chloropropane	<300		680	300	ug/Kg	☼	03/03/21 22:19	03/08/21 19:24	1
1,2-Dichlorobenzene	<160		340	160	ug/Kg	☼	03/03/21 22:19	03/08/21 19:24	1
1,2-Dichloroethane	<63		340	63	ug/Kg	☼	03/03/21 22:19	03/08/21 19:24	1
1,2-Dichloropropane	<50		340	50	ug/Kg	☼	03/03/21 22:19	03/08/21 19:24	1
1,3-Dichlorobenzene	<62		340	62	ug/Kg	☼	03/03/21 22:19	03/08/21 19:24	1
1,4-Dichlorobenzene	<74		340	74	ug/Kg	☼	03/03/21 22:19	03/08/21 19:24	1
1,4-Dioxane	<3100		17000	3100	ug/Kg	☼	03/03/21 22:19	03/08/21 19:24	1
2-Hexanone	<360		1400	360	ug/Kg	☼	03/03/21 22:19	03/08/21 19:24	1
Acetone	<330		1400	330	ug/Kg	☼	03/03/21 22:19	03/08/21 19:24	1
Benzene	<57		340	57	ug/Kg	☼	03/03/21 22:19	03/08/21 19:24	1
Bromoform	<310		340	310	ug/Kg	☼	03/03/21 22:19	03/08/21 19:24	1
Bromomethane	<220		340	220	ug/Kg	☼	03/03/21 22:19	03/08/21 19:24	1
Carbon disulfide	<150		340	150	ug/Kg	☼	03/03/21 22:19	03/08/21 19:24	1
Carbon tetrachloride	<140		340	140	ug/Kg	☼	03/03/21 22:19	03/08/21 19:24	1
Chlorobenzene	<47		340	47	ug/Kg	☼	03/03/21 22:19	03/08/21 19:24	1
Chloroethane	<200		340	200	ug/Kg	☼	03/03/21 22:19	03/08/21 19:24	1
Chloroform	<73		340	73	ug/Kg	☼	03/03/21 22:19	03/08/21 19:24	1
Chloromethane	<89		340	89	ug/Kg	☼	03/03/21 22:19	03/08/21 19:24	1
cis-1,2-Dichloroethene	<54		340	54	ug/Kg	☼	03/03/21 22:19	03/08/21 19:24	1
cis-1,3-Dichloropropene	<170		340	170	ug/Kg	☼	03/03/21 22:19	03/08/21 19:24	1
Dichlorobromomethane	<38		340	38	ug/Kg	☼	03/03/21 22:19	03/08/21 19:24	1
Dichlorodifluoromethane	<72		340	72	ug/Kg	☼	03/03/21 22:19	03/08/21 19:24	1
Ethylbenzene	<63		340	63	ug/Kg	☼	03/03/21 22:19	03/08/21 19:24	1
Ethylene Dibromide	<110		340	110	ug/Kg	☼	03/03/21 22:19	03/08/21 19:24	1
Naphthalene	<160		340	160	ug/Kg	☼	03/03/21 22:19	03/08/21 19:24	1
Isopropylbenzene	<51		340	51	ug/Kg	☼	03/03/21 22:19	03/08/21 19:24	1
2-Butanone (MEK)	<210		1400	210	ug/Kg	☼	03/03/21 22:19	03/08/21 19:24	1
4-Methyl-2-pentanone (MIBK)	<320		1400	320	ug/Kg	☼	03/03/21 22:19	03/08/21 19:24	1
Methyl tert-butyl ether	<50		340	50	ug/Kg	☼	03/03/21 22:19	03/08/21 19:24	1
Methylene Chloride	<520		680	520	ug/Kg	☼	03/03/21 22:19	03/08/21 19:24	1
Styrene	<70		340	70	ug/Kg	☼	03/03/21 22:19	03/08/21 19:24	1
Tetrachloroethene	<130		340	130	ug/Kg	☼	03/03/21 22:19	03/08/21 19:24	1
Toluene	<320		340	320	ug/Kg	☼	03/03/21 22:19	03/08/21 19:24	1
trans-1,2-Dichloroethene	<84		340	84	ug/Kg	☼	03/03/21 22:19	03/08/21 19:24	1
trans-1,3-Dichloropropene	<140		340	140	ug/Kg	☼	03/03/21 22:19	03/08/21 19:24	1
Trichloroethene	<190		340	190	ug/Kg	☼	03/03/21 22:19	03/08/21 19:24	1
Trichlorofluoromethane	<180		340	180	ug/Kg	☼	03/03/21 22:19	03/08/21 19:24	1
Vinyl chloride	<170		340	170	ug/Kg	☼	03/03/21 22:19	03/08/21 19:24	1
Xylenes, Total	<120		680	120	ug/Kg	☼	03/03/21 22:19	03/08/21 19:24	1
Chlorodibromomethane	<160		340	160	ug/Kg	☼	03/03/21 22:19	03/08/21 19:24	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*97*		*47 - 136*	*03/03/21 22:19*	*03/08/21 19:24*	*1*
4-Bromofluorobenzene (Surr)	*92*		*51 - 124*	*03/03/21 22:19*	*03/08/21 19:24*	*1*

Client: TRC Environmental Corporation.
Project/Site: ABB 2019 \ 2020

Job ID: 240-145018-1

Client Sample ID: SB-53(4-6)

Date Collected: 02/25/21 08:00
Date Received: 02/25/21 16:22

Lab Sample ID: 240-145018-31

Matrix: Solid
Percent Solids: 79.6

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Toluene-d8 (Surr)	*97*		*55 - 123*	*03/03/21 22:19*	*03/08/21 19:24*	*1*
Dibromofluoromethane (Surr)	*83*		*49 - 122*	*03/03/21 22:19*	*03/08/21 19:24*	*1*

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Solids	**79.6**		0.1	0.1	%			02/26/21 13:53	1
Percent Moisture	**20.4**		0.1	0.1	%			02/26/21 13:53	1

Client Sample Results

Client: TRC Environmental Corporation.
Project/Site: ABB 2019 \ 2020

Job ID: 240-145018-1

Client Sample ID: DUPLICATE_01

Date Collected: 02/25/21 00:00
Date Received: 02/25/21 16:22

Lab Sample ID: 240-145018-32

Matrix: Solid
Percent Solids: 80.7

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	<20		24	20	ug/Kg	☼	02/26/21 12:00	03/06/21 12:17	1
Benzene	<0.68		4.8	0.68	ug/Kg	☼	02/26/21 12:00	03/06/21 12:17	1
Bromoform	<2.3		4.8	2.3	ug/Kg	☼	02/26/21 12:00	03/06/21 12:17	1
Bromomethane	<0.96		4.8	0.96	ug/Kg	☼	02/26/21 12:00	03/06/21 12:17	1
2-Butanone (MEK)	<3.4		19	3.4	ug/Kg	☼	02/26/21 12:00	03/06/21 12:17	1
Carbon disulfide	<1.1		4.8	1.1	ug/Kg	☼	02/26/21 12:00	03/06/21 12:17	1
Carbon tetrachloride	<3.2		4.8	3.2	ug/Kg	☼	02/26/21 12:00	03/06/21 12:17	1
Chlorobenzene	<0.89		4.8	0.89	ug/Kg	☼	02/26/21 12:00	03/06/21 12:17	1
Chlorodibromomethane	<2.7		4.8	2.7	ug/Kg	☼	02/26/21 12:00	03/06/21 12:17	1
Chloroethane	**3.5**	**J**	4.8	1.2	ug/Kg	☼	02/26/21 12:00	03/06/21 12:17	1
Chloroform	<0.76		4.8	0.76	ug/Kg	☼	02/26/21 12:00	03/06/21 12:17	1
Chloromethane	<1.0		4.8	1.0	ug/Kg	☼	02/26/21 12:00	03/06/21 12:17	1
cis-1,2-Dichloroethene	<0.63		4.8	0.63	ug/Kg	☼	02/26/21 12:00	03/06/21 12:17	1
cis-1,3-Dichloropropene	<1.4		4.8	1.4	ug/Kg	☼	02/26/21 12:00	03/06/21 12:17	1
1,2-Dibromo-3-Chloropropane	<3.5		9.7	3.5	ug/Kg	☼	02/26/21 12:00	03/06/21 12:17	1
1,2-Dichlorobenzene	<1.1		4.8	1.1	ug/Kg	☼	02/26/21 12:00	03/06/21 12:17	1
1,3-Dichlorobenzene	<0.79		4.8	0.79	ug/Kg	☼	02/26/21 12:00	03/06/21 12:17	1
1,4-Dichlorobenzene	<0.85		4.8	0.85	ug/Kg	☼	02/26/21 12:00	03/06/21 12:17	1
Dichlorobromomethane	<0.66		4.8	0.66	ug/Kg	☼	02/26/21 12:00	03/06/21 12:17	1
Dichlorodifluoromethane	<0.91		4.8	0.91	ug/Kg	☼	02/26/21 12:00	03/06/21 12:17	1
1,1-Dichloroethane	**91**		4.8	0.67	ug/Kg	☼	02/26/21 12:00	03/06/21 12:17	1
1,2-Dichloroethane	<0.75		4.8	0.75	ug/Kg	☼	02/26/21 12:00	03/06/21 12:17	1
1,1-Dichloroethene	**71**		4.8	0.87	ug/Kg	☼	02/26/21 12:00	03/06/21 12:17	1
1,2-Dichloropropane	<0.82		4.8	0.82	ug/Kg	☼	02/26/21 12:00	03/06/21 12:17	1
1,4-Dioxane	<21		240	21	ug/Kg	☼	02/26/21 12:00	03/06/21 12:17	1
Ethylbenzene	<1.0		4.8	1.0	ug/Kg	☼	02/26/21 12:00	03/06/21 12:17	1
Ethylene Dibromide	<0.75		4.8	0.75	ug/Kg	☼	02/26/21 12:00	03/06/21 12:17	1
2-Hexanone	<4.0		19	4.0	ug/Kg	☼	02/26/21 12:00	03/06/21 12:17	1
Isopropylbenzene	<0.81		4.8	0.81	ug/Kg	☼	02/26/21 12:00	03/06/21 12:17	1
Methylene Chloride	<12		24	12	ug/Kg	☼	02/26/21 12:00	03/06/21 12:17	1
4-Methyl-2-pentanone (MIBK)	<3.6		19	3.6	ug/Kg	☼	02/26/21 12:00	03/06/21 12:17	1
Methyl tert-butyl ether	<0.79		4.8	0.79	ug/Kg	☼	02/26/21 12:00	03/06/21 12:17	1
Styrene	<1.1		4.8	1.1	ug/Kg	☼	02/26/21 12:00	03/06/21 12:17	1
1,1,2,2-Tetrachloroethane	<1.4		4.8	1.4	ug/Kg	☼	02/26/21 12:00	03/06/21 12:17	1
Tetrachloroethene	<0.71		4.8	0.71	ug/Kg	☼	02/26/21 12:00	03/06/21 12:17	1
Toluene	<0.75		4.8	0.75	ug/Kg	☼	02/26/21 12:00	03/06/21 12:17	1
trans-1,2-Dichloroethene	<0.45		4.8	0.45	ug/Kg	☼	02/26/21 12:00	03/06/21 12:17	1
trans-1,3-Dichloropropene	<1.0		4.8	1.0	ug/Kg	☼	02/26/21 12:00	03/06/21 12:17	1
1,2,4-Trichlorobenzene	<0.55		4.8	0.55	ug/Kg	☼	02/26/21 12:00	03/06/21 12:17	1
1,1,1-Trichloroethane	**200**		4.8	0.79	ug/Kg	☼	02/26/21 12:00	03/06/21 12:17	1
1,1,2-Trichloroethane	<1.1		4.8	1.1	ug/Kg	☼	02/26/21 12:00	03/06/21 12:17	1
Trichloroethene	<0.61		4.8	0.61	ug/Kg	☼	02/26/21 12:00	03/06/21 12:17	1
Trichlorofluoromethane	<1.0		4.8	1.0	ug/Kg	☼	02/26/21 12:00	03/06/21 12:17	1
Vinyl chloride	**1.7**	**J**	4.8	0.81	ug/Kg	☼	02/26/21 12:00	03/06/21 12:17	1
Xylenes, Total	<1.5		9.7	1.5	ug/Kg	☼	02/26/21 12:00	03/06/21 12:17	1
Naphthalene	<2.6		4.8	2.6	ug/Kg	☼	02/26/21 12:00	03/06/21 12:17	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*74*		*51 - 127*	*02/26/21 12:00*	*03/06/21 12:17*	*1*
Dibromofluoromethane (Surr)	*85*		*56 - 122*	*02/26/21 12:00*	*03/06/21 12:17*	*1*

Client: TRC Environmental Corporation.
Project/Site: ABB 2019 \ 2020

Job ID: 240-145018-1

Client Sample ID: DUPLICATE_01

Date Collected: 02/25/21 00:00
Date Received: 02/25/21 16:22

Lab Sample ID: 240-145018-32

Matrix: Solid
Percent Solids: 80.7

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*109*		*59 - 120*	*02/26/21 12:00*	*03/06/21 12:17*	*1*
Toluene-d8 (Surr)	*76*		*64 - 124*	*02/26/21 12:00*	*03/06/21 12:17*	*1*

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Solids	**80.7**		0.1	0.1	%			02/26/21 13:53	1
Percent Moisture	**19.3**		0.1	0.1	%			02/26/21 13:53	1

Client Sample Results

Client: TRC Environmental Corporation.
Project/Site: ABB 2019 \ 2020

Job ID: 240-145018-1

Client Sample ID: WCA02-02(0-2)

Date Collected: 02/25/21 09:55
Date Received: 02/25/21 16:22

Lab Sample ID: 240-145018-33

Matrix: Solid
Percent Solids: 73.2

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	<1100		3400	1100	ug/Kg	☼	03/03/21 22:19	03/09/21 15:36	10
1,1,2,2-Tetrachloroethane	<2100		3400	2100	ug/Kg	☼	03/03/21 22:19	03/09/21 15:36	10
1,1,2-Trichloroethane	<780		3400	780	ug/Kg	☼	03/03/21 22:19	03/09/21 15:36	10
1,1-Dichloroethane	**4600**		3400	660	ug/Kg	☼	03/03/21 22:19	03/09/21 15:36	10
1,1-Dichloroethene	<1100		3400	1100	ug/Kg	☼	03/03/21 22:19	03/09/21 15:36	10
1,2,4-Trichlorobenzene	<1800		3400	1800	ug/Kg	☼	03/03/21 22:19	03/09/21 15:36	10
1,2-Dibromo-3-Chloropropane	<3000		6800	3000	ug/Kg	☼	03/03/21 22:19	03/09/21 15:36	10
1,2-Dichlorobenzene	<1600		3400	1600	ug/Kg	☼	03/03/21 22:19	03/09/21 15:36	10
1,2-Dichloroethane	<640		3400	640	ug/Kg	☼	03/03/21 22:19	03/09/21 15:36	10
1,2-Dichloropropane	<510		3400	510	ug/Kg	☼	03/03/21 22:19	03/09/21 15:36	10
1,3-Dichlorobenzene	<630		3400	630	ug/Kg	☼	03/03/21 22:19	03/09/21 15:36	10
1,4-Dichlorobenzene	<750		3400	750	ug/Kg	☼	03/03/21 22:19	03/09/21 15:36	10
1,4-Dioxane	<32000		170000	32000	ug/Kg	☼	03/03/21 22:19	03/09/21 15:36	10
2-Hexanone	<3600		14000	3600	ug/Kg	☼	03/03/21 22:19	03/09/21 15:36	10
Acetone	**12000**	**J**	14000	3300	ug/Kg	☼	03/03/21 22:19	03/09/21 15:36	10
Benzene	**4000**		3400	570	ug/Kg	☼	03/03/21 22:19	03/09/21 15:36	10
Bromoform	<3100		3400	3100	ug/Kg	☼	03/03/21 22:19	03/09/21 15:36	10
Bromomethane	<2300		3400	2300	ug/Kg	☼	03/03/21 22:19	03/09/21 15:36	10
Carbon disulfide	<1500		3400	1500	ug/Kg	☼	03/03/21 22:19	03/09/21 15:36	10
Carbon tetrachloride	<1400		3400	1400	ug/Kg	☼	03/03/21 22:19	03/09/21 15:36	10
Chlorobenzene	<480		3400	480	ug/Kg	☼	03/03/21 22:19	03/09/21 15:36	10
Chloroethane	<2100		3400	2100	ug/Kg	☼	03/03/21 22:19	03/09/21 15:36	10
Chloroform	<740		3400	740	ug/Kg	☼	03/03/21 22:19	03/09/21 15:36	10
Chloromethane	<900		3400	900	ug/Kg	☼	03/03/21 22:19	03/09/21 15:36	10
cis-1,2-Dichloroethene	**700**	**J**	3400	550	ug/Kg	☼	03/03/21 22:19	03/09/21 15:36	10
cis-1,3-Dichloropropene	<1700		3400	1700	ug/Kg	☼	03/03/21 22:19	03/09/21 15:36	10
Dichlorobromomethane	<380		3400	380	ug/Kg	☼	03/03/21 22:19	03/09/21 15:36	10
Dichlorodifluoromethane	<720		3400	720	ug/Kg	☼	03/03/21 22:19	03/09/21 15:36	10
Ethylbenzene	**7100**		3400	640	ug/Kg	☼	03/03/21 22:19	03/09/21 15:36	10
Ethylene Dibromide	<1100		3400	1100	ug/Kg	☼	03/03/21 22:19	03/09/21 15:36	10
Naphthalene	<1600		3400	1600	ug/Kg	☼	03/03/21 22:19	03/09/21 15:36	10
Isopropylbenzene	<520		3400	520	ug/Kg	☼	03/03/21 22:19	03/09/21 15:36	10
2-Butanone (MEK)	**4900**	**J**	14000	2100	ug/Kg	☼	03/03/21 22:19	03/09/21 15:36	10
4-Methyl-2-pentanone (MIBK)	**4000**	**J**	14000	3300	ug/Kg	☼	03/03/21 22:19	03/09/21 15:36	10
Methyl tert-butyl ether	<510		3400	510	ug/Kg	☼	03/03/21 22:19	03/09/21 15:36	10
Methylene Chloride	<5200		6800	5200	ug/Kg	☼	03/03/21 22:19	03/09/21 15:36	10
Styrene	<710		3400	710	ug/Kg	☼	03/03/21 22:19	03/09/21 15:36	10
Tetrachloroethene	<1300		3400	1300	ug/Kg	☼	03/03/21 22:19	03/09/21 15:36	10
Toluene	**130000**		3400	3300	ug/Kg	☼	03/03/21 22:19	03/09/21 15:36	10
trans-1,2-Dichloroethene	<850		3400	850	ug/Kg	☼	03/03/21 22:19	03/09/21 15:36	10
trans-1,3-Dichloropropene	<1400		3400	1400	ug/Kg	☼	03/03/21 22:19	03/09/21 15:36	10
Trichloroethene	<2000		3400	2000	ug/Kg	☼	03/03/21 22:19	03/09/21 15:36	10
Trichlorofluoromethane	<1900		3400	1900	ug/Kg	☼	03/03/21 22:19	03/09/21 15:36	10
Vinyl chloride	<1700		3400	1700	ug/Kg	☼	03/03/21 22:19	03/09/21 15:36	10
Xylenes, Total	**44000**		6800	1200	ug/Kg	☼	03/03/21 22:19	03/09/21 15:36	10
Chlorodibromomethane	<1600		3400	1600	ug/Kg	☼	03/03/21 22:19	03/09/21 15:36	10

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*104*		*47 - 136*	*03/03/21 22:19*	*03/09/21 15:36*	*10*
4-Bromofluorobenzene (Surr)	*115*		*51 - 124*	*03/03/21 22:19*	*03/09/21 15:36*	*10*

Client: TRC Environmental Corporation.
Project/Site: ABB 2019 \ 2020

Job ID: 240-145018-1

Client Sample ID: WCA02-02(0-2)

Date Collected: 02/25/21 09:55
Date Received: 02/25/21 16:22

Lab Sample ID: 240-145018-33

Matrix: Solid
Percent Solids: 73.2

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Toluene-d8 (Surr)	*109*		*55 - 123*	*03/03/21 22:19*	*03/09/21 15:36*	*10*
Dibromofluoromethane (Surr)	*87*		*49 - 122*	*03/03/21 22:19*	*03/09/21 15:36*	*10*

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Solids	**73.2**		0.1	0.1	%			02/26/21 13:53	1
Percent Moisture	**26.8**		0.1	0.1	%			02/26/21 13:53	1

Client Sample Results

Client: TRC Environmental Corporation.
Project/Site: ABB 2019 \ 2020

Job ID: 240-145018-1

Client Sample ID: WCA02-02(6-8)

Date Collected: 02/25/21 10:00
Date Received: 02/25/21 16:22

Lab Sample ID: 240-145018-34

Matrix: Solid
Percent Solids: 88.7

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	**95000**		2600	800	ug/Kg	☼	03/03/21 22:19	03/08/21 18:58	10
1,1,2,2-Tetrachloroethane	<1500		2600	1500	ug/Kg	☼	03/03/21 22:19	03/08/21 18:58	10
1,1,2-Trichloroethane	**710**	**J**	2600	580	ug/Kg	☼	03/03/21 22:19	03/08/21 18:58	10
1,1-Dichloroethane	**7800**		2600	490	ug/Kg	☼	03/03/21 22:19	03/08/21 18:58	10
1,1-Dichloroethene	**26000**		2600	840	ug/Kg	☼	03/03/21 22:19	03/08/21 18:58	10
1,2,4-Trichlorobenzene	<1400		2600	1400	ug/Kg	☼	03/03/21 22:19	03/08/21 18:58	10
1,2-Dibromo-3-Chloropropane	<2300		5100	2300	ug/Kg	☼	03/03/21 22:19	03/08/21 18:58	10
1,2-Dichlorobenzene	<1200		2600	1200	ug/Kg	☼	03/03/21 22:19	03/08/21 18:58	10
1,2-Dichloroethane	<480		2600	480	ug/Kg	☼	03/03/21 22:19	03/08/21 18:58	10
1,2-Dichloropropane	<380		2600	380	ug/Kg	☼	03/03/21 22:19	03/08/21 18:58	10
1,3-Dichlorobenzene	<470		2600	470	ug/Kg	☼	03/03/21 22:19	03/08/21 18:58	10
1,4-Dichlorobenzene	<560		2600	560	ug/Kg	☼	03/03/21 22:19	03/08/21 18:58	10
1,4-Dioxane	<24000		130000	24000	ug/Kg	☼	03/03/21 22:19	03/08/21 18:58	10
2-Hexanone	<2700		10000	2700	ug/Kg	☼	03/03/21 22:19	03/08/21 18:58	10
Acetone	**30000**		10000	2500	ug/Kg	☼	03/03/21 22:19	03/08/21 18:58	10
Benzene	**4000**		2600	430	ug/Kg	☼	03/03/21 22:19	03/08/21 18:58	10
Bromoform	<2300		2600	2300	ug/Kg	☼	03/03/21 22:19	03/08/21 18:58	10
Bromomethane	<1700		2600	1700	ug/Kg	☼	03/03/21 22:19	03/08/21 18:58	10
Carbon disulfide	<1100		2600	1100	ug/Kg	☼	03/03/21 22:19	03/08/21 18:58	10
Carbon tetrachloride	<1000		2600	1000	ug/Kg	☼	03/03/21 22:19	03/08/21 18:58	10
Chlorobenzene	<360		2600	360	ug/Kg	☼	03/03/21 22:19	03/08/21 18:58	10
Chloroethane	<1500		2600	1500	ug/Kg	☼	03/03/21 22:19	03/08/21 18:58	10
Chloroform	<550		2600	550	ug/Kg	☼	03/03/21 22:19	03/08/21 18:58	10
Chloromethane	<670		2600	670	ug/Kg	☼	03/03/21 22:19	03/08/21 18:58	10
cis-1,2-Dichloroethene	**1300**	**J**	2600	410	ug/Kg	☼	03/03/21 22:19	03/08/21 18:58	10
cis-1,3-Dichloropropene	<1300		2600	1300	ug/Kg	☼	03/03/21 22:19	03/08/21 18:58	10
Dichlorobromomethane	<290		2600	290	ug/Kg	☼	03/03/21 22:19	03/08/21 18:58	10
Dichlorodifluoromethane	<540		2600	540	ug/Kg	☼	03/03/21 22:19	03/08/21 18:58	10
Ethylbenzene	<480		2600	480	ug/Kg	☼	03/03/21 22:19	03/08/21 18:58	10
Ethylene Dibromide	<810		2600	810	ug/Kg	☼	03/03/21 22:19	03/08/21 18:58	10
Naphthalene	<1200		2600	1200	ug/Kg	☼	03/03/21 22:19	03/08/21 18:58	10
Isopropylbenzene	<390		2600	390	ug/Kg	☼	03/03/21 22:19	03/08/21 18:58	10
2-Butanone (MEK)	**19000**		10000	1600	ug/Kg	☼	03/03/21 22:19	03/08/21 18:58	10
4-Methyl-2-pentanone (MIBK)	**8900**	**J**	10000	2400	ug/Kg	☼	03/03/21 22:19	03/08/21 18:58	10
Methyl tert-butyl ether	<380		2600	380	ug/Kg	☼	03/03/21 22:19	03/08/21 18:58	10
Methylene Chloride	**5100**		5100	3900	ug/Kg	☼	03/03/21 22:19	03/08/21 18:58	10
Styrene	<530		2600	530	ug/Kg	☼	03/03/21 22:19	03/08/21 18:58	10
Tetrachloroethene	<990		2600	990	ug/Kg	☼	03/03/21 22:19	03/08/21 18:58	10
Toluene	**9500**		2600	2500	ug/Kg	☼	03/03/21 22:19	03/08/21 18:58	10
trans-1,2-Dichloroethene	<630		2600	630	ug/Kg	☼	03/03/21 22:19	03/08/21 18:58	10
trans-1,3-Dichloropropene	<1100		2600	1100	ug/Kg	☼	03/03/21 22:19	03/08/21 18:58	10
Trichloroethene	**1800**	**J**	2600	1500	ug/Kg	☼	03/03/21 22:19	03/08/21 18:58	10
Trichlorofluoromethane	<1400		2600	1400	ug/Kg	☼	03/03/21 22:19	03/08/21 18:58	10
Vinyl chloride	<1300		2600	1300	ug/Kg	☼	03/03/21 22:19	03/08/21 18:58	10
Xylenes, Total	<930		5100	930	ug/Kg	☼	03/03/21 22:19	03/08/21 18:58	10
Chlorodibromomethane	<1200		2600	1200	ug/Kg	☼	03/03/21 22:19	03/08/21 18:58	10

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*109*		*47 - 136*	*03/03/21 22:19*	*03/08/21 18:58*	*10*
4-Bromofluorobenzene (Surr)	*106*		*51 - 124*	*03/03/21 22:19*	*03/08/21 18:58*	*10*

Client Sample Results

Client: TRC Environmental Corporation.
Project/Site: ABB 2019 \ 2020

Job ID: 240-145018-1

Client Sample ID: WCA02-02(6-8)

Date Collected: 02/25/21 10:00
Date Received: 02/25/21 16:22

Lab Sample ID: 240-145018-34

Matrix: Solid
Percent Solids: 88.7

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Toluene-d8 (Surr)	*112*		*55 - 123*	*03/03/21 22:19*	*03/08/21 18:58*	*10*
Dibromofluoromethane (Surr)	*100*		*49 - 122*	*03/03/21 22:19*	*03/08/21 18:58*	*10*

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Solids	**88.7**		0.1	0.1	%			02/26/21 15:35	1
Percent Moisture	**11.3**		0.1	0.1	%			02/26/21 15:35	1

Client Sample Results

Client: TRC Environmental Corporation.
Project/Site: ABB 2019 \ 2020

Job ID: 240-145018-1

Client Sample ID: SB-40 (0-2)

Date Collected: 02/25/21 10:55
Date Received: 02/25/21 16:22

Lab Sample ID: 240-145018-36

Matrix: Solid
Percent Solids: 89.7

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	**18**	**J**	19	16	ug/Kg	☼	02/26/21 12:00	03/06/21 12:40	1
1,1,2,2-Tetrachloroethane	<140		230	140	ug/Kg	☼	03/03/21 22:19	03/09/21 08:11	1
Benzene	<0.52		3.7	0.52	ug/Kg	☼	02/26/21 12:00	03/06/21 12:40	1
Bromoform	<1.8		3.7	1.8	ug/Kg	☼	02/26/21 12:00	03/06/21 12:40	1
Bromomethane	<0.73		3.7	0.73	ug/Kg	☼	02/26/21 12:00	03/06/21 12:40	1
1,2,4-Trichlorobenzene	<120		230	120	ug/Kg	☼	03/03/21 22:19	03/09/21 08:11	1
2-Butanone (MEK)	<2.6		15	2.6	ug/Kg	☼	02/26/21 12:00	03/06/21 12:40	1
1,2-Dibromo-3-Chloropropane	<200		460	200	ug/Kg	☼	03/03/21 22:19	03/09/21 08:11	1
Carbon disulfide	<0.86		3.7	0.86	ug/Kg	☼	02/26/21 12:00	03/06/21 12:40	1
1,2-Dichlorobenzene	<110		230	110	ug/Kg	☼	03/03/21 22:19	03/09/21 08:11	1
Carbon tetrachloride	<2.4		3.7	2.4	ug/Kg	☼	02/26/21 12:00	03/06/21 12:40	1
Chlorobenzene	<0.68		3.7	0.68	ug/Kg	☼	02/26/21 12:00	03/06/21 12:40	1
Chlorodibromomethane	<2.1		3.7	2.1	ug/Kg	☼	02/26/21 12:00	03/06/21 12:40	1
Chloroethane	<0.90		3.7	0.90	ug/Kg	☼	02/26/21 12:00	03/06/21 12:40	1
1,3-Dichlorobenzene	<42		230	42	ug/Kg	☼	03/03/21 22:19	03/09/21 08:11	1
Chloroform	<0.58		3.7	0.58	ug/Kg	☼	02/26/21 12:00	03/06/21 12:40	1
1,4-Dichlorobenzene	<51		230	51	ug/Kg	☼	03/03/21 22:19	03/09/21 08:11	1
Chloromethane	<0.77		3.7	0.77	ug/Kg	☼	02/26/21 12:00	03/06/21 12:40	1
cis-1,2-Dichloroethene	**2.2**	**J**	3.7	0.48	ug/Kg	☼	02/26/21 12:00	03/06/21 12:40	1
cis-1,3-Dichloropropene	<1.1		3.7	1.1	ug/Kg	☼	02/26/21 12:00	03/06/21 12:40	1
Dichlorobromomethane	<0.50		3.7	0.50	ug/Kg	☼	02/26/21 12:00	03/06/21 12:40	1
Dichlorodifluoromethane	<0.70		3.7	0.70	ug/Kg	☼	02/26/21 12:00	03/06/21 12:40	1
1,1-Dichloroethane	**3.3**	**J**	3.7	0.51	ug/Kg	☼	02/26/21 12:00	03/06/21 12:40	1
1,2-Dichloroethane	<0.57		3.7	0.57	ug/Kg	☼	02/26/21 12:00	03/06/21 12:40	1
1,1-Dichloroethene	<0.67		3.7	0.67	ug/Kg	☼	02/26/21 12:00	03/06/21 12:40	1
1,2-Dichloropropane	<0.63		3.7	0.63	ug/Kg	☼	02/26/21 12:00	03/06/21 12:40	1
1,4-Dioxane	<16		190	16	ug/Kg	☼	02/26/21 12:00	03/06/21 12:40	1
Ethylbenzene	<0.78		3.7	0.78	ug/Kg	☼	02/26/21 12:00	03/06/21 12:40	1
Ethylene Dibromide	<0.57		3.7	0.57	ug/Kg	☼	02/26/21 12:00	03/06/21 12:40	1
2-Hexanone	<3.0		15	3.0	ug/Kg	☼	02/26/21 12:00	03/06/21 12:40	1
Isopropylbenzene	<0.62		3.7	0.62	ug/Kg	☼	02/26/21 12:00	03/06/21 12:40	1
Methylene Chloride	<8.9		19	8.9	ug/Kg	☼	02/26/21 12:00	03/06/21 12:40	1
Naphthalene	<110		230	110	ug/Kg	☼	03/03/21 22:19	03/09/21 08:11	1
4-Methyl-2-pentanone (MIBK)	<2.8		15	2.8	ug/Kg	☼	02/26/21 12:00	03/06/21 12:40	1
Methyl tert-butyl ether	<0.61		3.7	0.61	ug/Kg	☼	02/26/21 12:00	03/06/21 12:40	1
Styrene	<0.86		3.7	0.86	ug/Kg	☼	02/26/21 12:00	03/06/21 12:40	1
Tetrachloroethene	<0.54		3.7	0.54	ug/Kg	☼	02/26/21 12:00	03/06/21 12:40	1
Toluene	<0.57		3.7	0.57	ug/Kg	☼	02/26/21 12:00	03/06/21 12:40	1
trans-1,2-Dichloroethene	<0.34		3.7	0.34	ug/Kg	☼	02/26/21 12:00	03/06/21 12:40	1
trans-1,3-Dichloropropene	<0.77		3.7	0.77	ug/Kg	☼	02/26/21 12:00	03/06/21 12:40	1
1,1,1-Trichloroethane	<0.61		3.7	0.61	ug/Kg	☼	02/26/21 12:00	03/06/21 12:40	1
1,1,2-Trichloroethane	<0.84		3.7	0.84	ug/Kg	☼	02/26/21 12:00	03/06/21 12:40	1
Trichloroethene	<0.47		3.7	0.47	ug/Kg	☼	02/26/21 12:00	03/06/21 12:40	1
Trichlorofluoromethane	<0.80		3.7	0.80	ug/Kg	☼	02/26/21 12:00	03/06/21 12:40	1
Vinyl chloride	<0.62		3.7	0.62	ug/Kg	☼	02/26/21 12:00	03/06/21 12:40	1
Xylenes, Total	**2.1**	**J**	7.4	1.2	ug/Kg	☼	02/26/21 12:00	03/06/21 12:40	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*65*		*51 - 127*	*02/26/21 12:00*	*03/06/21 12:40*	*1*
1,2-Dichloroethane-d4 (Surr)	*123*		*47 - 136*	*03/03/21 22:19*	*03/09/21 08:11*	*1*

Client Sample Results

Client: TRC Environmental Corporation.
Project/Site: ABB 2019 \ 2020

Job ID: 240-145018-1

Client Sample ID: SB-40 (0-2)

Date Collected: 02/25/21 10:55
Date Received: 02/25/21 16:22

Lab Sample ID: 240-145018-36

Matrix: Solid
Percent Solids: 89.7

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*94*		*51 - 124*	*03/03/21 22:19*	*03/09/21 08:11*	*1*
Dibromofluoromethane (Surr)	*81*		*56 - 122*	*02/26/21 12:00*	*03/06/21 12:40*	*1*
1,2-Dichloroethane-d4 (Surr)	*98*		*59 - 120*	*02/26/21 12:00*	*03/06/21 12:40*	*1*
Toluene-d8 (Surr)	*82*		*64 - 124*	*02/26/21 12:00*	*03/06/21 12:40*	*1*
Toluene-d8 (Surr)	*92*		*55 - 123*	*03/03/21 22:19*	*03/09/21 08:11*	*1*
Dibromofluoromethane (Surr)	*94*		*49 - 122*	*03/03/21 22:19*	*03/09/21 08:11*	*1*

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Solids	**89.7**		0.1	0.1	%			02/26/21 15:35	1
Percent Moisture	**10.3**		0.1	0.1	%			02/26/21 15:35	1

Client Sample Results

Client: TRC Environmental Corporation.
Project/Site: ABB 2019 \ 2020

Job ID: 240-145018-1

Client Sample ID: SB-40 (2-4)

Date Collected: 02/25/21 11:00
Date Received: 02/25/21 16:22

Lab Sample ID: 240-145018-37

Matrix: Solid
Percent Solids: 74.2

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	**76**		26	22	ug/Kg	☼	02/26/21 12:00	03/06/21 13:03	1
Benzene	<0.72		5.2	0.72	ug/Kg	☼	02/26/21 12:00	03/06/21 13:03	1
Bromoform	<2.5		5.2	2.5	ug/Kg	☼	02/26/21 12:00	03/06/21 13:03	1
Bromomethane	<1.0		5.2	1.0	ug/Kg	☼	02/26/21 12:00	03/06/21 13:03	1
2-Butanone (MEK)	**15**	**J**	21	3.7	ug/Kg	☼	02/26/21 12:00	03/06/21 13:03	1
Carbon disulfide	<1.2		5.2	1.2	ug/Kg	☼	02/26/21 12:00	03/06/21 13:03	1
Carbon tetrachloride	<3.4		5.2	3.4	ug/Kg	☼	02/26/21 12:00	03/06/21 13:03	1
Chlorobenzene	<0.95		5.2	0.95	ug/Kg	☼	02/26/21 12:00	03/06/21 13:03	1
Chlorodibromomethane	<2.9		5.2	2.9	ug/Kg	☼	02/26/21 12:00	03/06/21 13:03	1
Chloroethane	<1.3		5.2	1.3	ug/Kg	☼	02/26/21 12:00	03/06/21 13:03	1
Chloroform	<0.82		5.2	0.82	ug/Kg	☼	02/26/21 12:00	03/06/21 13:03	1
Chloromethane	<1.1		5.2	1.1	ug/Kg	☼	02/26/21 12:00	03/06/21 13:03	1
cis-1,2-Dichloroethene	<0.68		5.2	0.68	ug/Kg	☼	02/26/21 12:00	03/06/21 13:03	1
cis-1,3-Dichloropropene	<1.5		5.2	1.5	ug/Kg	☼	02/26/21 12:00	03/06/21 13:03	1
1,2-Dibromo-3-Chloropropane	<3.7		10	3.7	ug/Kg	☼	02/26/21 12:00	03/06/21 13:03	1
1,2-Dichlorobenzene	<1.2		5.2	1.2	ug/Kg	☼	02/26/21 12:00	03/06/21 13:03	1
1,3-Dichlorobenzene	<0.85		5.2	0.85	ug/Kg	☼	02/26/21 12:00	03/06/21 13:03	1
1,4-Dichlorobenzene	<0.91		5.2	0.91	ug/Kg	☼	02/26/21 12:00	03/06/21 13:03	1
Dichlorobromomethane	<0.70		5.2	0.70	ug/Kg	☼	02/26/21 12:00	03/06/21 13:03	1
Dichlorodifluoromethane	<0.98		5.2	0.98	ug/Kg	☼	02/26/21 12:00	03/06/21 13:03	1
1,1-Dichloroethane	**0.90**	**J**	5.2	0.72	ug/Kg	☼	02/26/21 12:00	03/06/21 13:03	1
1,2-Dichloroethane	<0.80		5.2	0.80	ug/Kg	☼	02/26/21 12:00	03/06/21 13:03	1
1,1-Dichloroethene	<0.94		5.2	0.94	ug/Kg	☼	02/26/21 12:00	03/06/21 13:03	1
1,2-Dichloropropane	<0.88		5.2	0.88	ug/Kg	☼	02/26/21 12:00	03/06/21 13:03	1
1,4-Dioxane	<23		260	23	ug/Kg	☼	02/26/21 12:00	03/06/21 13:03	1
Ethylbenzene	<1.1		5.2	1.1	ug/Kg	☼	02/26/21 12:00	03/06/21 13:03	1
Ethylene Dibromide	<0.80		5.2	0.80	ug/Kg	☼	02/26/21 12:00	03/06/21 13:03	1
2-Hexanone	<4.2		21	4.2	ug/Kg	☼	02/26/21 12:00	03/06/21 13:03	1
Isopropylbenzene	<0.86		5.2	0.86	ug/Kg	☼	02/26/21 12:00	03/06/21 13:03	1
Methylene Chloride	<12		26	12	ug/Kg	☼	02/26/21 12:00	03/06/21 13:03	1
4-Methyl-2-pentanone (MIBK)	<3.9		21	3.9	ug/Kg	☼	02/26/21 12:00	03/06/21 13:03	1
Methyl tert-butyl ether	<0.85		5.2	0.85	ug/Kg	☼	02/26/21 12:00	03/06/21 13:03	1
Styrene	<1.2		5.2	1.2	ug/Kg	☼	02/26/21 12:00	03/06/21 13:03	1
1,1,2,2-Tetrachloroethane	<1.5		5.2	1.5	ug/Kg	☼	02/26/21 12:00	03/06/21 13:03	1
Tetrachloroethene	<0.76		5.2	0.76	ug/Kg	☼	02/26/21 12:00	03/06/21 13:03	1
Toluene	<0.80		5.2	0.80	ug/Kg	☼	02/26/21 12:00	03/06/21 13:03	1
trans-1,2-Dichloroethene	<0.48		5.2	0.48	ug/Kg	☼	02/26/21 12:00	03/06/21 13:03	1
trans-1,3-Dichloropropene	<1.1		5.2	1.1	ug/Kg	☼	02/26/21 12:00	03/06/21 13:03	1
1,2,4-Trichlorobenzene	<0.59		5.2	0.59	ug/Kg	☼	02/26/21 12:00	03/06/21 13:03	1
1,1,1-Trichloroethane	<0.85		5.2	0.85	ug/Kg	☼	02/26/21 12:00	03/06/21 13:03	1
1,1,2-Trichloroethane	<1.2		5.2	1.2	ug/Kg	☼	02/26/21 12:00	03/06/21 13:03	1
Trichloroethene	<0.66		5.2	0.66	ug/Kg	☼	02/26/21 12:00	03/06/21 13:03	1
Trichlorofluoromethane	<1.1		5.2	1.1	ug/Kg	☼	02/26/21 12:00	03/06/21 13:03	1
Vinyl chloride	<0.87		5.2	0.87	ug/Kg	☼	02/26/21 12:00	03/06/21 13:03	1
Xylenes, Total	<1.6		10	1.6	ug/Kg	☼	02/26/21 12:00	03/06/21 13:03	1
Naphthalene	<2.8		5.2	2.8	ug/Kg	☼	02/26/21 12:00	03/06/21 13:03	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*73*		*51 - 127*	*02/26/21 12:00*	*03/06/21 13:03*	*1*
Dibromofluoromethane (Surr)	*85*		*56 - 122*	*02/26/21 12:00*	*03/06/21 13:03*	*1*

Client: TRC Environmental Corporation.
Project/Site: ABB 2019 \ 2020

Job ID: 240-145018-1

Client Sample ID: SB-40 (2-4)

Date Collected: 02/25/21 11:00
Date Received: 02/25/21 16:22

Lab Sample ID: 240-145018-37

Matrix: Solid
Percent Solids: 74.2

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*111*		*59 - 120*	*02/26/21 12:00*	*03/06/21 13:03*	*1*
Toluene-d8 (Surr)	*76*		*64 - 124*	*02/26/21 12:00*	*03/06/21 13:03*	*1*

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Solids	**74.2**		0.1	0.1	%			02/26/21 15:35	1
Percent Moisture	**25.8**		0.1	0.1	%			02/26/21 15:35	1

Client Sample Results

Client: TRC Environmental Corporation.
Project/Site: ABB 2019 \ 2020

Job ID: 240-145018-1

Client Sample ID: SB-40 (4-6)

Date Collected: 02/25/21 10:45
Date Received: 02/25/21 16:22

Lab Sample ID: 240-145018-38

Matrix: Solid
Percent Solids: 77.5

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	<21		25	21	ug/Kg	☼	02/26/21 12:00	03/06/21 13:27	1
Benzene	<0.69		4.9	0.69	ug/Kg	☼	02/26/21 12:00	03/06/21 13:27	1
Bromoform	<2.4		4.9	2.4	ug/Kg	☼	02/26/21 12:00	03/06/21 13:27	1
Bromomethane	<0.97		4.9	0.97	ug/Kg	☼	02/26/21 12:00	03/06/21 13:27	1
2-Butanone (MEK)	<3.5		20	3.5	ug/Kg	☼	02/26/21 12:00	03/06/21 13:27	1
Carbon disulfide	<1.1		4.9	1.1	ug/Kg	☼	02/26/21 12:00	03/06/21 13:27	1
Carbon tetrachloride	<3.2		4.9	3.2	ug/Kg	☼	02/26/21 12:00	03/06/21 13:27	1
Chlorobenzene	<0.90		4.9	0.90	ug/Kg	☼	02/26/21 12:00	03/06/21 13:27	1
Chlorodibromomethane	<2.7		4.9	2.7	ug/Kg	☼	02/26/21 12:00	03/06/21 13:27	1
Chloroethane	<1.2		4.9	1.2	ug/Kg	☼	02/26/21 12:00	03/06/21 13:27	1
Chloroform	<0.77		4.9	0.77	ug/Kg	☼	02/26/21 12:00	03/06/21 13:27	1
Chloromethane	<1.0		4.9	1.0	ug/Kg	☼	02/26/21 12:00	03/06/21 13:27	1
cis-1,2-Dichloroethene	**1.0**	**J**	4.9	0.64	ug/Kg	☼	02/26/21 12:00	03/06/21 13:27	1
cis-1,3-Dichloropropene	<1.4		4.9	1.4	ug/Kg	☼	02/26/21 12:00	03/06/21 13:27	1
1,2-Dibromo-3-Chloropropane	<3.5		9.8	3.5	ug/Kg	☼	02/26/21 12:00	03/06/21 13:27	1
1,2-Dichlorobenzene	<1.1		4.9	1.1	ug/Kg	☼	02/26/21 12:00	03/06/21 13:27	1
1,3-Dichlorobenzene	<0.80		4.9	0.80	ug/Kg	☼	02/26/21 12:00	03/06/21 13:27	1
1,4-Dichlorobenzene	<0.87		4.9	0.87	ug/Kg	☼	02/26/21 12:00	03/06/21 13:27	1
Dichlorobromomethane	<0.67		4.9	0.67	ug/Kg	☼	02/26/21 12:00	03/06/21 13:27	1
Dichlorodifluoromethane	<0.93		4.9	0.93	ug/Kg	☼	02/26/21 12:00	03/06/21 13:27	1
1,1-Dichloroethane	**93**		4.9	0.68	ug/Kg	☼	02/26/21 12:00	03/06/21 13:27	1
1,2-Dichloroethane	**1.0**	**J**	4.9	0.76	ug/Kg	☼	02/26/21 12:00	03/06/21 13:27	1
1,1-Dichloroethene	**95**		4.9	0.89	ug/Kg	☼	02/26/21 12:00	03/06/21 13:27	1
1,2-Dichloropropane	<0.84		4.9	0.84	ug/Kg	☼	02/26/21 12:00	03/06/21 13:27	1
1,4-Dioxane	**170**	**J**	250	22	ug/Kg	☼	02/26/21 12:00	03/06/21 13:27	1
Ethylbenzene	<1.0		4.9	1.0	ug/Kg	☼	02/26/21 12:00	03/06/21 13:27	1
Ethylene Dibromide	<0.76		4.9	0.76	ug/Kg	☼	02/26/21 12:00	03/06/21 13:27	1
2-Hexanone	<4.0		20	4.0	ug/Kg	☼	02/26/21 12:00	03/06/21 13:27	1
Isopropylbenzene	<0.82		4.9	0.82	ug/Kg	☼	02/26/21 12:00	03/06/21 13:27	1
Methylene Chloride	<12		25	12	ug/Kg	☼	02/26/21 12:00	03/06/21 13:27	1
4-Methyl-2-pentanone (MIBK)	<3.7		20	3.7	ug/Kg	☼	02/26/21 12:00	03/06/21 13:27	1
Methyl tert-butyl ether	<0.81		4.9	0.81	ug/Kg	☼	02/26/21 12:00	03/06/21 13:27	1
Styrene	<1.1		4.9	1.1	ug/Kg	☼	02/26/21 12:00	03/06/21 13:27	1
1,1,2,2-Tetrachloroethane	<1.4		4.9	1.4	ug/Kg	☼	02/26/21 12:00	03/06/21 13:27	1
Tetrachloroethene	<0.72		4.9	0.72	ug/Kg	☼	02/26/21 12:00	03/06/21 13:27	1
Toluene	<0.76		4.9	0.76	ug/Kg	☼	02/26/21 12:00	03/06/21 13:27	1
trans-1,2-Dichloroethene	<0.46		4.9	0.46	ug/Kg	☼	02/26/21 12:00	03/06/21 13:27	1
trans-1,3-Dichloropropene	<1.0		4.9	1.0	ug/Kg	☼	02/26/21 12:00	03/06/21 13:27	1
1,2,4-Trichlorobenzene	<0.56		4.9	0.56	ug/Kg	☼	02/26/21 12:00	03/06/21 13:27	1
1,1,1-Trichloroethane	**36**		4.9	0.81	ug/Kg	☼	02/26/21 12:00	03/06/21 13:27	1
1,1,2-Trichloroethane	<1.1		4.9	1.1	ug/Kg	☼	02/26/21 12:00	03/06/21 13:27	1
Trichloroethene	<0.62		4.9	0.62	ug/Kg	☼	02/26/21 12:00	03/06/21 13:27	1
Trichlorofluoromethane	<1.1		4.9	1.1	ug/Kg	☼	02/26/21 12:00	03/06/21 13:27	1
Vinyl chloride	**22**		4.9	0.82	ug/Kg	☼	02/26/21 12:00	03/06/21 13:27	1
Xylenes, Total	<1.6		9.8	1.6	ug/Kg	☼	02/26/21 12:00	03/06/21 13:27	1
Naphthalene	<2.7		4.9	2.7	ug/Kg	☼	02/26/21 12:00	03/06/21 13:27	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*75*		*51 - 127*	*02/26/21 12:00*	*03/06/21 13:27*	*1*
Dibromofluoromethane (Surr)	*88*		*56 - 122*	*02/26/21 12:00*	*03/06/21 13:27*	*1*

Client: TRC Environmental Corporation.
Project/Site: ABB 2019 \ 2020

Job ID: 240-145018-1

Client Sample ID: SB-40 (4-6)

Date Collected: 02/25/21 10:45
Date Received: 02/25/21 16:22

Lab Sample ID: 240-145018-38

Matrix: Solid
Percent Solids: 77.5

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*115*		*59 - 120*	*02/26/21 12:00*	*03/06/21 13:27*	*1*
Toluene-d8 (Surr)	*77*		*64 - 124*	*02/26/21 12:00*	*03/06/21 13:27*	*1*

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Solids	**77.5**		0.1	0.1	%			02/26/21 15:35	1
Percent Moisture	**22.5**		0.1	0.1	%			02/26/21 15:35	1

Client Sample Results

Client: TRC Environmental Corporation.
Project/Site: ABB 2019 \ 2020

Job ID: 240-145018-1

Client Sample ID: SB-46 (0-2)

Date Collected: 02/25/21 11:20
Date Received: 02/25/21 16:22

Lab Sample ID: 240-145018-40

Matrix: Solid
Percent Solids: 91.3

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	<16		19	16	ug/Kg	☼	02/26/21 12:00	03/08/21 20:14	1
Benzene	<0.54		3.9	0.54	ug/Kg	☼	02/26/21 12:00	03/08/21 20:14	1
Bromoform	<1.9		3.9	1.9	ug/Kg	☼	02/26/21 12:00	03/08/21 20:14	1
Bromomethane	<0.77		3.9	0.77	ug/Kg	☼	02/26/21 12:00	03/08/21 20:14	1
2-Butanone (MEK)	<2.8		16	2.8	ug/Kg	☼	02/26/21 12:00	03/08/21 20:14	1
Carbon disulfide	<0.91		3.9	0.91	ug/Kg	☼	02/26/21 12:00	03/08/21 20:14	1
Carbon tetrachloride	<2.5		3.9	2.5	ug/Kg	☼	02/26/21 12:00	03/08/21 20:14	1
Chlorobenzene	<0.71		3.9	0.71	ug/Kg	☼	02/26/21 12:00	03/08/21 20:14	1
Chlorodibromomethane	<2.2		3.9	2.2	ug/Kg	☼	02/26/21 12:00	03/08/21 20:14	1
Chloroethane	<0.95		3.9	0.95	ug/Kg	☼	02/26/21 12:00	03/08/21 20:14	1
Chloroform	<0.61		3.9	0.61	ug/Kg	☼	02/26/21 12:00	03/08/21 20:14	1
Chloromethane	<0.81		3.9	0.81	ug/Kg	☼	02/26/21 12:00	03/08/21 20:14	1
cis-1,2-Dichloroethene	**0.78**	**J**	3.9	0.51	ug/Kg	☼	02/26/21 12:00	03/08/21 20:14	1
cis-1,3-Dichloropropene	<1.1		3.9	1.1	ug/Kg	☼	02/26/21 12:00	03/08/21 20:14	1
1,2-Dibromo-3-Chloropropane	<2.8		7.8	2.8	ug/Kg	☼	02/26/21 12:00	03/08/21 20:14	1
1,2-Dichlorobenzene	<0.87		3.9	0.87	ug/Kg	☼	02/26/21 12:00	03/08/21 20:14	1
1,3-Dichlorobenzene	<0.64		3.9	0.64	ug/Kg	☼	02/26/21 12:00	03/08/21 20:14	1
1,4-Dichlorobenzene	<0.69		3.9	0.69	ug/Kg	☼	02/26/21 12:00	03/08/21 20:14	1
Dichlorobromomethane	<0.53		3.9	0.53	ug/Kg	☼	02/26/21 12:00	03/08/21 20:14	1
Dichlorodifluoromethane	<0.74		3.9	0.74	ug/Kg	☼	02/26/21 12:00	03/08/21 20:14	1
1,1-Dichloroethane	<0.54		3.9	0.54	ug/Kg	☼	02/26/21 12:00	03/08/21 20:14	1
1,2-Dichloroethane	<0.60		3.9	0.60	ug/Kg	☼	02/26/21 12:00	03/08/21 20:14	1
1,1-Dichloroethene	<0.70		3.9	0.70	ug/Kg	☼	02/26/21 12:00	03/08/21 20:14	1
1,2-Dichloropropane	<0.66		3.9	0.66	ug/Kg	☼	02/26/21 12:00	03/08/21 20:14	1
1,4-Dioxane	<17		190	17	ug/Kg	☼	02/26/21 12:00	03/08/21 20:14	1
Ethylbenzene	<0.82		3.9	0.82	ug/Kg	☼	02/26/21 12:00	03/08/21 20:14	1
Ethylene Dibromide	<0.60		3.9	0.60	ug/Kg	☼	02/26/21 12:00	03/08/21 20:14	1
2-Hexanone	<3.2		16	3.2	ug/Kg	☼	02/26/21 12:00	03/08/21 20:14	1
Isopropylbenzene	<0.65		3.9	0.65	ug/Kg	☼	02/26/21 12:00	03/08/21 20:14	1
Methylene Chloride	<9.4		19	9.4	ug/Kg	☼	02/26/21 12:00	03/08/21 20:14	1
4-Methyl-2-pentanone (MIBK)	<2.9	*+	16	2.9	ug/Kg	☼	02/26/21 12:00	03/08/21 20:14	1
Methyl tert-butyl ether	<0.64		3.9	0.64	ug/Kg	☼	02/26/21 12:00	03/08/21 20:14	1
Styrene	<0.90		3.9	0.90	ug/Kg	☼	02/26/21 12:00	03/08/21 20:14	1
1,1,2,2-Tetrachloroethane	<1.1		3.9	1.1	ug/Kg	☼	02/26/21 12:00	03/08/21 20:14	1
Tetrachloroethene	<0.57		3.9	0.57	ug/Kg	☼	02/26/21 12:00	03/08/21 20:14	1
Toluene	<0.60		3.9	0.60	ug/Kg	☼	02/26/21 12:00	03/08/21 20:14	1
trans-1,2-Dichloroethene	<0.36		3.9	0.36	ug/Kg	☼	02/26/21 12:00	03/08/21 20:14	1
trans-1,3-Dichloropropene	<0.81		3.9	0.81	ug/Kg	☼	02/26/21 12:00	03/08/21 20:14	1
1,2,4-Trichlorobenzene	<0.45		3.9	0.45	ug/Kg	☼	02/26/21 12:00	03/08/21 20:14	1
1,1,1-Trichloroethane	<0.64		3.9	0.64	ug/Kg	☼	02/26/21 12:00	03/08/21 20:14	1
1,1,2-Trichloroethane	<0.88		3.9	0.88	ug/Kg	☼	02/26/21 12:00	03/08/21 20:14	1
Trichloroethene	**3.7**	**J**	3.9	0.49	ug/Kg	☼	02/26/21 12:00	03/08/21 20:14	1
Trichlorofluoromethane	<0.84		3.9	0.84	ug/Kg	☼	02/26/21 12:00	03/08/21 20:14	1
Vinyl chloride	<0.65		3.9	0.65	ug/Kg	☼	02/26/21 12:00	03/08/21 20:14	1
Xylenes, Total	<1.2		7.8	1.2	ug/Kg	☼	02/26/21 12:00	03/08/21 20:14	1
Naphthalene	<2.1		3.9	2.1	ug/Kg	☼	02/26/21 12:00	03/08/21 20:14	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*108*		*51 - 127*	*02/26/21 12:00*	*03/08/21 20:14*	*1*
Dibromofluoromethane (Surr)	*90*		*56 - 122*	*02/26/21 12:00*	*03/08/21 20:14*	*1*

Client: TRC Environmental Corporation.
Project/Site: ABB 2019 \ 2020

Job ID: 240-145018-1

Client Sample ID: SB-46 (0-2)

Date Collected: 02/25/21 11:20
Date Received: 02/25/21 16:22

Lab Sample ID: 240-145018-40

Matrix: Solid
Percent Solids: 91.3

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*99*		*59 - 120*	*02/26/21 12:00*	*03/08/21 20:14*	*1*
Toluene-d8 (Surr)	*103*		*64 - 124*	*02/26/21 12:00*	*03/08/21 20:14*	*1*

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Solids	**91.3**		0.1	0.1	%			02/26/21 15:35	1
Percent Moisture	**8.7**		0.1	0.1	%			02/26/21 15:35	1

Client Sample Results

Client: TRC Environmental Corporation.
Project/Site: ABB 2019 \ 2020

Job ID: 240-145018-1

Client Sample ID: SB-46 (2-4)

Date Collected: 02/25/21 11:25
Date Received: 02/25/21 16:22

Lab Sample ID: 240-145018-41

Matrix: Solid
Percent Solids: 75.8

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	**62**		24	20	ug/Kg	☼	02/26/21 12:00	03/08/21 20:40	1
Benzene	<0.66		4.7	0.66	ug/Kg	☼	02/26/21 12:00	03/08/21 20:40	1
Bromoform	<2.3		4.7	2.3	ug/Kg	☼	02/26/21 12:00	03/08/21 20:40	1
Bromomethane	<0.94		4.7	0.94	ug/Kg	☼	02/26/21 12:00	03/08/21 20:40	1
2-Butanone (MEK)	**8.7**	**J**	19	3.4	ug/Kg	☼	02/26/21 12:00	03/08/21 20:40	1
Carbon disulfide	<1.1		4.7	1.1	ug/Kg	☼	02/26/21 12:00	03/08/21 20:40	1
Carbon tetrachloride	<3.1		4.7	3.1	ug/Kg	☼	02/26/21 12:00	03/08/21 20:40	1
Chlorobenzene	<0.87		4.7	0.87	ug/Kg	☼	02/26/21 12:00	03/08/21 20:40	1
Chlorodibromomethane	<2.6		4.7	2.6	ug/Kg	☼	02/26/21 12:00	03/08/21 20:40	1
Chloroethane	<1.2		4.7	1.2	ug/Kg	☼	02/26/21 12:00	03/08/21 20:40	1
Chloroform	<0.75		4.7	0.75	ug/Kg	☼	02/26/21 12:00	03/08/21 20:40	1
Chloromethane	<0.99		4.7	0.99	ug/Kg	☼	02/26/21 12:00	03/08/21 20:40	1
cis-1,2-Dichloroethene	<0.62		4.7	0.62	ug/Kg	☼	02/26/21 12:00	03/08/21 20:40	1
cis-1,3-Dichloropropene	<1.4		4.7	1.4	ug/Kg	☼	02/26/21 12:00	03/08/21 20:40	1
1,2-Dibromo-3-Chloropropane	<3.4		9.5	3.4	ug/Kg	☼	02/26/21 12:00	03/08/21 20:40	1
1,2-Dichlorobenzene	<1.1		4.7	1.1	ug/Kg	☼	02/26/21 12:00	03/08/21 20:40	1
1,3-Dichlorobenzene	<0.77		4.7	0.77	ug/Kg	☼	02/26/21 12:00	03/08/21 20:40	1
1,4-Dichlorobenzene	<0.84		4.7	0.84	ug/Kg	☼	02/26/21 12:00	03/08/21 20:40	1
Dichlorobromomethane	<0.64		4.7	0.64	ug/Kg	☼	02/26/21 12:00	03/08/21 20:40	1
Dichlorodifluoromethane	<0.89		4.7	0.89	ug/Kg	☼	02/26/21 12:00	03/08/21 20:40	1
1,1-Dichloroethane	<0.66		4.7	0.66	ug/Kg	☼	02/26/21 12:00	03/08/21 20:40	1
1,2-Dichloroethane	<0.73		4.7	0.73	ug/Kg	☼	02/26/21 12:00	03/08/21 20:40	1
1,1-Dichloroethene	<0.86		4.7	0.86	ug/Kg	☼	02/26/21 12:00	03/08/21 20:40	1
1,2-Dichloropropane	<0.81		4.7	0.81	ug/Kg	☼	02/26/21 12:00	03/08/21 20:40	1
1,4-Dioxane	<21		240	21	ug/Kg	☼	02/26/21 12:00	03/08/21 20:40	1
Ethylbenzene	<0.99		4.7	0.99	ug/Kg	☼	02/26/21 12:00	03/08/21 20:40	1
Ethylene Dibromide	<0.73		4.7	0.73	ug/Kg	☼	02/26/21 12:00	03/08/21 20:40	1
2-Hexanone	<3.9		19	3.9	ug/Kg	☼	02/26/21 12:00	03/08/21 20:40	1
Isopropylbenzene	<0.79		4.7	0.79	ug/Kg	☼	02/26/21 12:00	03/08/21 20:40	1
Methylene Chloride	<11		24	11	ug/Kg	☼	02/26/21 12:00	03/08/21 20:40	1
4-Methyl-2-pentanone (MIBK)	<3.5	*+	19	3.5	ug/Kg	☼	02/26/21 12:00	03/08/21 20:40	1
Methyl tert-butyl ether	<0.78		4.7	0.78	ug/Kg	☼	02/26/21 12:00	03/08/21 20:40	1
Styrene	<1.1		4.7	1.1	ug/Kg	☼	02/26/21 12:00	03/08/21 20:40	1
1,1,2,2-Tetrachloroethane	<1.4		4.7	1.4	ug/Kg	☼	02/26/21 12:00	03/08/21 20:40	1
Tetrachloroethene	<0.69		4.7	0.69	ug/Kg	☼	02/26/21 12:00	03/08/21 20:40	1
Toluene	<0.73		4.7	0.73	ug/Kg	☼	02/26/21 12:00	03/08/21 20:40	1
trans-1,2-Dichloroethene	<0.44		4.7	0.44	ug/Kg	☼	02/26/21 12:00	03/08/21 20:40	1
trans-1,3-Dichloropropene	<0.98		4.7	0.98	ug/Kg	☼	02/26/21 12:00	03/08/21 20:40	1
1,2,4-Trichlorobenzene	<0.54		4.7	0.54	ug/Kg	☼	02/26/21 12:00	03/08/21 20:40	1
1,1,1-Trichloroethane	<0.78		4.7	0.78	ug/Kg	☼	02/26/21 12:00	03/08/21 20:40	1
1,1,2-Trichloroethane	<1.1		4.7	1.1	ug/Kg	☼	02/26/21 12:00	03/08/21 20:40	1
Trichloroethene	<0.60		4.7	0.60	ug/Kg	☼	02/26/21 12:00	03/08/21 20:40	1
Trichlorofluoromethane	<1.0		4.7	1.0	ug/Kg	☼	02/26/21 12:00	03/08/21 20:40	1
Vinyl chloride	<0.79		4.7	0.79	ug/Kg	☼	02/26/21 12:00	03/08/21 20:40	1
Xylenes, Total	<1.5		9.5	1.5	ug/Kg	☼	02/26/21 12:00	03/08/21 20:40	1
Naphthalene	<2.6		4.7	2.6	ug/Kg	☼	02/26/21 12:00	03/08/21 20:40	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*105*		*51 - 127*	*02/26/21 12:00*	*03/08/21 20:40*	*1*
Dibromofluoromethane (Surr)	*91*		*56 - 122*	*02/26/21 12:00*	*03/08/21 20:40*	*1*

Client Sample Results

Client: TRC Environmental Corporation.
Project/Site: ABB 2019 \ 2020

Job ID: 240-145018-1

Client Sample ID: SB-46 (2-4)

Date Collected: 02/25/21 11:25
Date Received: 02/25/21 16:22

Lab Sample ID: 240-145018-41

Matrix: Solid
Percent Solids: 75.8

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*100*		*59 - 120*	*02/26/21 12:00*	*03/08/21 20:40*	*1*
Toluene-d8 (Surr)	*102*		*64 - 124*	*02/26/21 12:00*	*03/08/21 20:40*	*1*

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Solids	**75.8**		0.1	0.1	%			02/26/21 15:35	1
Percent Moisture	**24.2**		0.1	0.1	%			02/26/21 15:35	1

Client Sample Results

Client: TRC Environmental Corporation.
Project/Site: ABB 2019 \ 2020

Job ID: 240-145018-1

Client Sample ID: SB-46 (4-6)

Date Collected: 02/25/21 11:30
Date Received: 02/25/21 16:22

Lab Sample ID: 240-145018-42

Matrix: Solid
Percent Solids: 88.5

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	<20		24	20	ug/Kg	☼	02/26/21 01:38	03/08/21 21:05	1
Benzene	<0.66		4.7	0.66	ug/Kg	☼	02/26/21 01:38	03/08/21 21:05	1
Bromoform	<2.3		4.7	2.3	ug/Kg	☼	02/26/21 01:38	03/08/21 21:05	1
Bromomethane	<0.93		4.7	0.93	ug/Kg	☼	02/26/21 01:38	03/08/21 21:05	1
2-Butanone (MEK)	<3.3		19	3.3	ug/Kg	☼	02/26/21 01:38	03/08/21 21:05	1
Carbon disulfide	<1.1		4.7	1.1	ug/Kg	☼	02/26/21 01:38	03/08/21 21:05	1
Carbon tetrachloride	<3.1		4.7	3.1	ug/Kg	☼	02/26/21 01:38	03/08/21 21:05	1
Chlorobenzene	<0.86		4.7	0.86	ug/Kg	☼	02/26/21 01:38	03/08/21 21:05	1
Chlorodibromomethane	<2.6		4.7	2.6	ug/Kg	☼	02/26/21 01:38	03/08/21 21:05	1
Chloroethane	<1.1		4.7	1.1	ug/Kg	☼	02/26/21 01:38	03/08/21 21:05	1
Chloroform	<0.74		4.7	0.74	ug/Kg	☼	02/26/21 01:38	03/08/21 21:05	1
Chloromethane	<0.98		4.7	0.98	ug/Kg	☼	02/26/21 01:38	03/08/21 21:05	1
cis-1,2-Dichloroethene	<0.61		4.7	0.61	ug/Kg	☼	02/26/21 01:38	03/08/21 21:05	1
cis-1,3-Dichloropropene	<1.4		4.7	1.4	ug/Kg	☼	02/26/21 01:38	03/08/21 21:05	1
1,2-Dibromo-3-Chloropropane	<3.4		9.4	3.4	ug/Kg	☼	02/26/21 01:38	03/08/21 21:05	1
1,2-Dichlorobenzene	<1.0		4.7	1.0	ug/Kg	☼	02/26/21 01:38	03/08/21 21:05	1
1,3-Dichlorobenzene	<0.77		4.7	0.77	ug/Kg	☼	02/26/21 01:38	03/08/21 21:05	1
1,4-Dichlorobenzene	<0.83		4.7	0.83	ug/Kg	☼	02/26/21 01:38	03/08/21 21:05	1
Dichlorobromomethane	<0.64		4.7	0.64	ug/Kg	☼	02/26/21 01:38	03/08/21 21:05	1
Dichlorodifluoromethane	<0.89		4.7	0.89	ug/Kg	☼	02/26/21 01:38	03/08/21 21:05	1
1,1-Dichloroethane	**16**		4.7	0.65	ug/Kg	☼	02/26/21 01:38	03/08/21 21:05	1
1,2-Dichloroethane	<0.73		4.7	0.73	ug/Kg	☼	02/26/21 01:38	03/08/21 21:05	1
1,1-Dichloroethene	**73**		4.7	0.85	ug/Kg	☼	02/26/21 01:38	03/08/21 21:05	1
1,2-Dichloropropane	<0.80		4.7	0.80	ug/Kg	☼	02/26/21 01:38	03/08/21 21:05	1
1,4-Dioxane	**50**	**J**	240	21	ug/Kg	☼	02/26/21 01:38	03/08/21 21:05	1
Ethylbenzene	<0.98		4.7	0.98	ug/Kg	☼	02/26/21 01:38	03/08/21 21:05	1
Ethylene Dibromide	<0.72		4.7	0.72	ug/Kg	☼	02/26/21 01:38	03/08/21 21:05	1
2-Hexanone	<3.8		19	3.8	ug/Kg	☼	02/26/21 01:38	03/08/21 21:05	1
Isopropylbenzene	<0.78		4.7	0.78	ug/Kg	☼	02/26/21 01:38	03/08/21 21:05	1
Methylene Chloride	<11		24	11	ug/Kg	☼	02/26/21 01:38	03/08/21 21:05	1
4-Methyl-2-pentanone (MIBK)	<3.5	*+	19	3.5	ug/Kg	☼	02/26/21 01:38	03/08/21 21:05	1
Methyl tert-butyl ether	<0.77		4.7	0.77	ug/Kg	☼	02/26/21 01:38	03/08/21 21:05	1
Styrene	<1.1		4.7	1.1	ug/Kg	☼	02/26/21 01:38	03/08/21 21:05	1
1,1,2,2-Tetrachloroethane	<1.3		4.7	1.3	ug/Kg	☼	02/26/21 01:38	03/08/21 21:05	1
Tetrachloroethene	<0.69		4.7	0.69	ug/Kg	☼	02/26/21 01:38	03/08/21 21:05	1
Toluene	<0.73		4.7	0.73	ug/Kg	☼	02/26/21 01:38	03/08/21 21:05	1
trans-1,2-Dichloroethene	<0.44		4.7	0.44	ug/Kg	☼	02/26/21 01:38	03/08/21 21:05	1
trans-1,3-Dichloropropene	<0.97		4.7	0.97	ug/Kg	☼	02/26/21 01:38	03/08/21 21:05	1
1,2,4-Trichlorobenzene	<0.54		4.7	0.54	ug/Kg	☼	02/26/21 01:38	03/08/21 21:05	1
1,1,1-Trichloroethane	**130**		4.7	0.77	ug/Kg	☼	02/26/21 01:38	03/08/21 21:05	1
1,1,2-Trichloroethane	<1.1		4.7	1.1	ug/Kg	☼	02/26/21 01:38	03/08/21 21:05	1
Trichloroethene	<0.60		4.7	0.60	ug/Kg	☼	02/26/21 01:38	03/08/21 21:05	1
Trichlorofluoromethane	<1.0		4.7	1.0	ug/Kg	☼	02/26/21 01:38	03/08/21 21:05	1
Vinyl chloride	<0.79		4.7	0.79	ug/Kg	☼	02/26/21 01:38	03/08/21 21:05	1
Xylenes, Total	<1.5		9.4	1.5	ug/Kg	☼	02/26/21 01:38	03/08/21 21:05	1
Naphthalene	<2.5		4.7	2.5	ug/Kg	☼	02/26/21 01:38	03/08/21 21:05	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*109*		*51 - 127*	*02/26/21 01:38*	*03/08/21 21:05*	*1*
Dibromofluoromethane (Surr)	*94*		*56 - 122*	*02/26/21 01:38*	*03/08/21 21:05*	*1*

Client: TRC Environmental Corporation.
Project/Site: ABB 2019 \ 2020

Job ID: 240-145018-1

Client Sample ID: SB-46 (4-6)

Date Collected: 02/25/21 11:30
Date Received: 02/25/21 16:22

Lab Sample ID: 240-145018-42

Matrix: Solid
Percent Solids: 88.5

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*102*		*59 - 120*	*02/26/21 01:38*	*03/08/21 21:05*	*1*
Toluene-d8 (Surr)	*104*		*64 - 124*	*02/26/21 01:38*	*03/08/21 21:05*	*1*

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Solids	**88.5**		0.1	0.1	%			02/26/21 15:35	1
Percent Moisture	**11.5**		0.1	0.1	%			02/26/21 15:35	1

Client Sample Results

Client: TRC Environmental Corporation.
Project/Site: ABB 2019 \ 2020

Job ID: 240-145018-1

Client Sample ID: SB-47 (0-2)

Date Collected: 02/25/21 13:00
Date Received: 02/25/21 16:22

Lab Sample ID: 240-145018-44

Matrix: Solid
Percent Solids: 89.5

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	<12		14	12	ug/Kg	☼	02/26/21 12:00	03/09/21 13:55	1
Benzene	<0.38		2.8	0.38	ug/Kg	☼	02/26/21 12:00	03/09/21 13:55	1
Bromoform	<1.3		2.8	1.3	ug/Kg	☼	02/26/21 12:00	03/09/21 13:55	1
Bromomethane	<0.54		2.8	0.54	ug/Kg	☼	02/26/21 12:00	03/09/21 13:55	1
2-Butanone (MEK)	<2.0		11	2.0	ug/Kg	☼	02/26/21 12:00	03/09/21 13:55	1
Carbon disulfide	<0.64		2.8	0.64	ug/Kg	☼	02/26/21 12:00	03/09/21 13:55	1
Carbon tetrachloride	<1.8		2.8	1.8	ug/Kg	☼	02/26/21 12:00	03/09/21 13:55	1
Chlorobenzene	<0.50		2.8	0.50	ug/Kg	☼	02/26/21 12:00	03/09/21 13:55	1
Chlorodibromomethane	<1.5		2.8	1.5	ug/Kg	☼	02/26/21 12:00	03/09/21 13:55	1
Chloroethane	<0.67		2.8	0.67	ug/Kg	☼	02/26/21 12:00	03/09/21 13:55	1
Chloroform	<0.43		2.8	0.43	ug/Kg	☼	02/26/21 12:00	03/09/21 13:55	1
Chloromethane	<0.57		2.8	0.57	ug/Kg	☼	02/26/21 12:00	03/09/21 13:55	1
cis-1,2-Dichloroethene	**1.8**	**J**	2.8	0.36	ug/Kg	☼	02/26/21 12:00	03/09/21 13:55	1
cis-1,3-Dichloropropene	<0.79		2.8	0.79	ug/Kg	☼	02/26/21 12:00	03/09/21 13:55	1
1,2-Dibromo-3-Chloropropane	<2.0		5.5	2.0	ug/Kg	☼	02/26/21 12:00	03/09/21 13:55	1
1,2-Dichlorobenzene	<0.61		2.8	0.61	ug/Kg	☼	02/26/21 12:00	03/09/21 13:55	1
1,3-Dichlorobenzene	<0.45		2.8	0.45	ug/Kg	☼	02/26/21 12:00	03/09/21 13:55	1
1,4-Dichlorobenzene	<0.49		2.8	0.49	ug/Kg	☼	02/26/21 12:00	03/09/21 13:55	1
Dichlorobromomethane	<0.37		2.8	0.37	ug/Kg	☼	02/26/21 12:00	03/09/21 13:55	1
Dichlorodifluoromethane	<0.52		2.8	0.52	ug/Kg	☼	02/26/21 12:00	03/09/21 13:55	1
1,1-Dichloroethane	**0.43**	**J**	2.8	0.38	ug/Kg	☼	02/26/21 12:00	03/09/21 13:55	1
1,2-Dichloroethane	<0.43		2.8	0.43	ug/Kg	☼	02/26/21 12:00	03/09/21 13:55	1
1,1-Dichloroethene	<0.50		2.8	0.50	ug/Kg	☼	02/26/21 12:00	03/09/21 13:55	1
1,2-Dichloropropane	<0.47		2.8	0.47	ug/Kg	☼	02/26/21 12:00	03/09/21 13:55	1
1,4-Dioxane	<12		140	12	ug/Kg	☼	02/26/21 12:00	03/09/21 13:55	1
Ethylbenzene	<0.58		2.8	0.58	ug/Kg	☼	02/26/21 12:00	03/09/21 13:55	1
Ethylene Dibromide	<0.42		2.8	0.42	ug/Kg	☼	02/26/21 12:00	03/09/21 13:55	1
2-Hexanone	<2.3		11	2.3	ug/Kg	☼	02/26/21 12:00	03/09/21 13:55	1
Isopropylbenzene	<0.46		2.8	0.46	ug/Kg	☼	02/26/21 12:00	03/09/21 13:55	1
Methylene Chloride	<6.6		14	6.6	ug/Kg	☼	02/26/21 12:00	03/09/21 13:55	1
4-Methyl-2-pentanone (MIBK)	<2.0	*+	11	2.0	ug/Kg	☼	02/26/21 12:00	03/09/21 13:55	1
Methyl tert-butyl ether	<0.45	*+	2.8	0.45	ug/Kg	☼	02/26/21 12:00	03/09/21 13:55	1
Styrene	<0.64		2.8	0.64	ug/Kg	☼	02/26/21 12:00	03/09/21 13:55	1
1,1,2,2-Tetrachloroethane	<0.79		2.8	0.79	ug/Kg	☼	02/26/21 12:00	03/09/21 13:55	1
Tetrachloroethene	<0.40		2.8	0.40	ug/Kg	☼	02/26/21 12:00	03/09/21 13:55	1
Toluene	<0.43		2.8	0.43	ug/Kg	☼	02/26/21 12:00	03/09/21 13:55	1
trans-1,2-Dichloroethene	<0.26		2.8	0.26	ug/Kg	☼	02/26/21 12:00	03/09/21 13:55	1
trans-1,3-Dichloropropene	<0.57		2.8	0.57	ug/Kg	☼	02/26/21 12:00	03/09/21 13:55	1
1,2,4-Trichlorobenzene	<0.32		2.8	0.32	ug/Kg	☼	02/26/21 12:00	03/09/21 13:55	1
1,1,1-Trichloroethane	<0.45		2.8	0.45	ug/Kg	☼	02/26/21 12:00	03/09/21 13:55	1
1,1,2-Trichloroethane	<0.62		2.8	0.62	ug/Kg	☼	02/26/21 12:00	03/09/21 13:55	1
Trichloroethene	**1.5**	**J**	2.8	0.35	ug/Kg	☼	02/26/21 12:00	03/09/21 13:55	1
Trichlorofluoromethane	<0.59		2.8	0.59	ug/Kg	☼	02/26/21 12:00	03/09/21 13:55	1
Vinyl chloride	<0.46		2.8	0.46	ug/Kg	☼	02/26/21 12:00	03/09/21 13:55	1
Xylenes, Total	**1.9**	**J**	5.5	0.87	ug/Kg	☼	02/26/21 12:00	03/09/21 13:55	1
Naphthalene	<1.5		2.8	1.5	ug/Kg	☼	02/26/21 12:00	03/09/21 13:55	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*114*		*51 - 127*	*02/26/21 12:00*	*03/09/21 13:55*	*1*
Dibromofluoromethane (Surr)	*89*		*56 - 122*	*02/26/21 12:00*	*03/09/21 13:55*	*1*

Client: TRC Environmental Corporation.
Project/Site: ABB 2019 \ 2020

Job ID: 240-145018-1

Client Sample ID: SB-47 (0-2)

Date Collected: 02/25/21 13:00
Date Received: 02/25/21 16:22

Lab Sample ID: 240-145018-44

Matrix: Solid
Percent Solids: 89.5

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*109*		*59 - 120*	*02/26/21 12:00*	*03/09/21 13:55*	*1*
Toluene-d8 (Surr)	*105*		*64 - 124*	*02/26/21 12:00*	*03/09/21 13:55*	*1*

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Solids	**89.5**		0.1	0.1	%			02/26/21 15:35	1
Percent Moisture	**10.5**		0.1	0.1	%			02/26/21 15:35	1

Client Sample Results

Client: TRC Environmental Corporation.
Project/Site: ABB 2019 \ 2020

Job ID: 240-145018-1

Client Sample ID: SB-47 (2-4)

Date Collected: 02/25/21 13:05
Date Received: 02/25/21 16:22

Lab Sample ID: 240-145018-45

Matrix: Solid
Percent Solids: 76.7

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	**130**		24	20	ug/Kg	☼	02/26/21 12:00	03/09/21 14:20	1
Benzene	<0.66		4.7	0.66	ug/Kg	☼	02/26/21 12:00	03/09/21 14:20	1
Bromoform	<2.3		4.7	2.3	ug/Kg	☼	02/26/21 12:00	03/09/21 14:20	1
Bromomethane	<0.94		4.7	0.94	ug/Kg	☼	02/26/21 12:00	03/09/21 14:20	1
2-Butanone (MEK)	**19**		19	3.4	ug/Kg	☼	02/26/21 12:00	03/09/21 14:20	1
Carbon disulfide	<1.1		4.7	1.1	ug/Kg	☼	02/26/21 12:00	03/09/21 14:20	1
Carbon tetrachloride	<3.1		4.7	3.1	ug/Kg	☼	02/26/21 12:00	03/09/21 14:20	1
Chlorobenzene	<0.87		4.7	0.87	ug/Kg	☼	02/26/21 12:00	03/09/21 14:20	1
Chlorodibromomethane	<2.6		4.7	2.6	ug/Kg	☼	02/26/21 12:00	03/09/21 14:20	1
Chloroethane	<1.2		4.7	1.2	ug/Kg	☼	02/26/21 12:00	03/09/21 14:20	1
Chloroform	<0.75		4.7	0.75	ug/Kg	☼	02/26/21 12:00	03/09/21 14:20	1
Chloromethane	<0.99		4.7	0.99	ug/Kg	☼	02/26/21 12:00	03/09/21 14:20	1
cis-1,2-Dichloroethene	<0.62		4.7	0.62	ug/Kg	☼	02/26/21 12:00	03/09/21 14:20	1
cis-1,3-Dichloropropene	<1.4		4.7	1.4	ug/Kg	☼	02/26/21 12:00	03/09/21 14:20	1
1,2-Dibromo-3-Chloropropane	<3.4		9.5	3.4	ug/Kg	☼	02/26/21 12:00	03/09/21 14:20	1
1,2-Dichlorobenzene	<1.1		4.7	1.1	ug/Kg	☼	02/26/21 12:00	03/09/21 14:20	1
1,3-Dichlorobenzene	<0.77		4.7	0.77	ug/Kg	☼	02/26/21 12:00	03/09/21 14:20	1
1,4-Dichlorobenzene	<0.83		4.7	0.83	ug/Kg	☼	02/26/21 12:00	03/09/21 14:20	1
Dichlorobromomethane	<0.64		4.7	0.64	ug/Kg	☼	02/26/21 12:00	03/09/21 14:20	1
Dichlorodifluoromethane	<0.89		4.7	0.89	ug/Kg	☼	02/26/21 12:00	03/09/21 14:20	1
1,1-Dichloroethane	**1.5**	**J**	4.7	0.66	ug/Kg	☼	02/26/21 12:00	03/09/21 14:20	1
1,2-Dichloroethane	<0.73		4.7	0.73	ug/Kg	☼	02/26/21 12:00	03/09/21 14:20	1
1,1-Dichloroethene	<0.85		4.7	0.85	ug/Kg	☼	02/26/21 12:00	03/09/21 14:20	1
1,2-Dichloropropane	<0.81		4.7	0.81	ug/Kg	☼	02/26/21 12:00	03/09/21 14:20	1
1,4-Dioxane	**26**	**J**	240	21	ug/Kg	☼	02/26/21 12:00	03/09/21 14:20	1
Ethylbenzene	<0.99		4.7	0.99	ug/Kg	☼	02/26/21 12:00	03/09/21 14:20	1
Ethylene Dibromide	<0.73		4.7	0.73	ug/Kg	☼	02/26/21 12:00	03/09/21 14:20	1
2-Hexanone	<3.9		19	3.9	ug/Kg	☼	02/26/21 12:00	03/09/21 14:20	1
Isopropylbenzene	<0.79		4.7	0.79	ug/Kg	☼	02/26/21 12:00	03/09/21 14:20	1
Methylene Chloride	<11		24	11	ug/Kg	☼	02/26/21 12:00	03/09/21 14:20	1
4-Methyl-2-pentanone (MIBK)	<3.5	*+	19	3.5	ug/Kg	☼	02/26/21 12:00	03/09/21 14:20	1
Methyl tert-butyl ether	<0.78	*+	4.7	0.78	ug/Kg	☼	02/26/21 12:00	03/09/21 14:20	1
Styrene	<1.1		4.7	1.1	ug/Kg	☼	02/26/21 12:00	03/09/21 14:20	1
1,1,2,2-Tetrachloroethane	<1.4		4.7	1.4	ug/Kg	☼	02/26/21 12:00	03/09/21 14:20	1
Tetrachloroethene	<0.69		4.7	0.69	ug/Kg	☼	02/26/21 12:00	03/09/21 14:20	1
Toluene	<0.73		4.7	0.73	ug/Kg	☼	02/26/21 12:00	03/09/21 14:20	1
trans-1,2-Dichloroethene	<0.44		4.7	0.44	ug/Kg	☼	02/26/21 12:00	03/09/21 14:20	1
trans-1,3-Dichloropropene	<0.98		4.7	0.98	ug/Kg	☼	02/26/21 12:00	03/09/21 14:20	1
1,2,4-Trichlorobenzene	<0.54		4.7	0.54	ug/Kg	☼	02/26/21 12:00	03/09/21 14:20	1
1,1,1-Trichloroethane	<0.78		4.7	0.78	ug/Kg	☼	02/26/21 12:00	03/09/21 14:20	1
1,1,2-Trichloroethane	<1.1		4.7	1.1	ug/Kg	☼	02/26/21 12:00	03/09/21 14:20	1
Trichloroethene	<0.60		4.7	0.60	ug/Kg	☼	02/26/21 12:00	03/09/21 14:20	1
Trichlorofluoromethane	<1.0		4.7	1.0	ug/Kg	☼	02/26/21 12:00	03/09/21 14:20	1
Vinyl chloride	<0.79		4.7	0.79	ug/Kg	☼	02/26/21 12:00	03/09/21 14:20	1
Xylenes, Total	<1.5		9.5	1.5	ug/Kg	☼	02/26/21 12:00	03/09/21 14:20	1
Naphthalene	<2.6		4.7	2.6	ug/Kg	☼	02/26/21 12:00	03/09/21 14:20	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*108*		*51 - 127*	*02/26/21 12:00*	*03/09/21 14:20*	*1*
Dibromofluoromethane (Surr)	*95*		*56 - 122*	*02/26/21 12:00*	*03/09/21 14:20*	*1*

Client Sample Results

Client: TRC Environmental Corporation.
Project/Site: ABB 2019 \ 2020

Job ID: 240-145018-1

Client Sample ID: SB-47 (2-4)

Date Collected: 02/25/21 13:05
Date Received: 02/25/21 16:22

Lab Sample ID: 240-145018-45

Matrix: Solid
Percent Solids: 76.7

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*102*		*59 - 120*	*02/26/21 12:00*	*03/09/21 14:20*	*1*
Toluene-d8 (Surr)	*107*		*64 - 124*	*02/26/21 12:00*	*03/09/21 14:20*	*1*

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Solids	**76.7**		0.1	0.1	%			02/26/21 15:35	1
Percent Moisture	**23.3**		0.1	0.1	%			02/26/21 15:35	1

Client Sample Results

Client: TRC Environmental Corporation.
Project/Site: ABB 2019 \ 2020

Job ID: 240-145018-1

Client Sample ID: SB-47 (4-6)

Date Collected: 02/25/21 13:10
Date Received: 02/25/21 16:22

Lab Sample ID: 240-145018-46

Matrix: Solid
Percent Solids: 86.5

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	<22		26	22	ug/Kg	☼	02/26/21 12:00	03/09/21 14:46	1
Benzene	<0.72		5.1	0.72	ug/Kg	☼	02/26/21 12:00	03/09/21 14:46	1
Bromoform	<2.5		5.1	2.5	ug/Kg	☼	02/26/21 12:00	03/09/21 14:46	1
Bromomethane	<1.0		5.1	1.0	ug/Kg	☼	02/26/21 12:00	03/09/21 14:46	1
2-Butanone (MEK)	<3.7		21	3.7	ug/Kg	☼	02/26/21 12:00	03/09/21 14:46	1
Carbon disulfide	<1.2		5.1	1.2	ug/Kg	☼	02/26/21 12:00	03/09/21 14:46	1
Carbon tetrachloride	<3.3		5.1	3.3	ug/Kg	☼	02/26/21 12:00	03/09/21 14:46	1
Chlorobenzene	<0.94		5.1	0.94	ug/Kg	☼	02/26/21 12:00	03/09/21 14:46	1
Chlorodibromomethane	<2.9		5.1	2.9	ug/Kg	☼	02/26/21 12:00	03/09/21 14:46	1
Chloroethane	<1.3		5.1	1.3	ug/Kg	☼	02/26/21 12:00	03/09/21 14:46	1
Chloroform	<0.81		5.1	0.81	ug/Kg	☼	02/26/21 12:00	03/09/21 14:46	1
Chloromethane	<1.1		5.1	1.1	ug/Kg	☼	02/26/21 12:00	03/09/21 14:46	1
cis-1,2-Dichloroethene	<0.67		5.1	0.67	ug/Kg	☼	02/26/21 12:00	03/09/21 14:46	1
cis-1,3-Dichloropropene	<1.5		5.1	1.5	ug/Kg	☼	02/26/21 12:00	03/09/21 14:46	1
1,2-Dibromo-3-Chloropropane	<3.7		10	3.7	ug/Kg	☼	02/26/21 12:00	03/09/21 14:46	1
1,2-Dichlorobenzene	<1.1		5.1	1.1	ug/Kg	☼	02/26/21 12:00	03/09/21 14:46	1
1,3-Dichlorobenzene	<0.84		5.1	0.84	ug/Kg	☼	02/26/21 12:00	03/09/21 14:46	1
1,4-Dichlorobenzene	<0.91		5.1	0.91	ug/Kg	☼	02/26/21 12:00	03/09/21 14:46	1
Dichlorobromomethane	<0.70		5.1	0.70	ug/Kg	☼	02/26/21 12:00	03/09/21 14:46	1
Dichlorodifluoromethane	<0.97		5.1	0.97	ug/Kg	☼	02/26/21 12:00	03/09/21 14:46	1
1,1-Dichloroethane	**120**		5.1	0.71	ug/Kg	☼	02/26/21 12:00	03/09/21 14:46	1
1,2-Dichloroethane	**1.5**	**J**	5.1	0.79	ug/Kg	☼	02/26/21 12:00	03/09/21 14:46	1
1,1-Dichloroethene	**210**		5.1	0.93	ug/Kg	☼	02/26/21 12:00	03/09/21 14:46	1
1,2-Dichloropropane	<0.87		5.1	0.87	ug/Kg	☼	02/26/21 12:00	03/09/21 14:46	1
1,4-Dioxane	**160**	**J**	260	23	ug/Kg	☼	02/26/21 12:00	03/09/21 14:46	1
Ethylbenzene	<1.1		5.1	1.1	ug/Kg	☼	02/26/21 12:00	03/09/21 14:46	1
Ethylene Dibromide	<0.79		5.1	0.79	ug/Kg	☼	02/26/21 12:00	03/09/21 14:46	1
2-Hexanone	<4.2		21	4.2	ug/Kg	☼	02/26/21 12:00	03/09/21 14:46	1
Isopropylbenzene	<0.85		5.1	0.85	ug/Kg	☼	02/26/21 12:00	03/09/21 14:46	1
Methylene Chloride	<12		26	12	ug/Kg	☼	02/26/21 12:00	03/09/21 14:46	1
4-Methyl-2-pentanone (MIBK)	<3.8	*+	21	3.8	ug/Kg	☼	02/26/21 12:00	03/09/21 14:46	1
Methyl tert-butyl ether	<0.84	*+	5.1	0.84	ug/Kg	☼	02/26/21 12:00	03/09/21 14:46	1
Styrene	<1.2		5.1	1.2	ug/Kg	☼	02/26/21 12:00	03/09/21 14:46	1
1,1,2,2-Tetrachloroethane	<1.5		5.1	1.5	ug/Kg	☼	02/26/21 12:00	03/09/21 14:46	1
Tetrachloroethene	<0.75		5.1	0.75	ug/Kg	☼	02/26/21 12:00	03/09/21 14:46	1
Toluene	<0.79		5.1	0.79	ug/Kg	☼	02/26/21 12:00	03/09/21 14:46	1
trans-1,2-Dichloroethene	<0.48		5.1	0.48	ug/Kg	☼	02/26/21 12:00	03/09/21 14:46	1
trans-1,3-Dichloropropene	<1.1		5.1	1.1	ug/Kg	☼	02/26/21 12:00	03/09/21 14:46	1
1,2,4-Trichlorobenzene	<0.59		5.1	0.59	ug/Kg	☼	02/26/21 12:00	03/09/21 14:46	1
1,1,1-Trichloroethane	**200**		5.1	0.84	ug/Kg	☼	02/26/21 12:00	03/09/21 14:46	1
1,1,2-Trichloroethane	<1.2		5.1	1.2	ug/Kg	☼	02/26/21 12:00	03/09/21 14:46	1
Trichloroethene	<0.65		5.1	0.65	ug/Kg	☼	02/26/21 12:00	03/09/21 14:46	1
Trichlorofluoromethane	<1.1		5.1	1.1	ug/Kg	☼	02/26/21 12:00	03/09/21 14:46	1
Vinyl chloride	**4.4**	**J**	5.1	0.86	ug/Kg	☼	02/26/21 12:00	03/09/21 14:46	1
Xylenes, Total	<1.6		10	1.6	ug/Kg	☼	02/26/21 12:00	03/09/21 14:46	1
Naphthalene	<2.8		5.1	2.8	ug/Kg	☼	02/26/21 12:00	03/09/21 14:46	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*110*		*51 - 127*	*02/26/21 12:00*	*03/09/21 14:46*	*1*
Dibromofluoromethane (Surr)	*97*		*56 - 122*	*02/26/21 12:00*	*03/09/21 14:46*	*1*

Client Sample Results

Client: TRC Environmental Corporation.
Project/Site: ABB 2019 \ 2020

Job ID: 240-145018-1

Client Sample ID: SB-47 (4-6)

Date Collected: 02/25/21 13:10
Date Received: 02/25/21 16:22

Lab Sample ID: 240-145018-46

Matrix: Solid
Percent Solids: 86.5

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*103*		*59 - 120*	*02/26/21 12:00*	*03/09/21 14:46*	*1*
Toluene-d8 (Surr)	*107*		*64 - 124*	*02/26/21 12:00*	*03/09/21 14:46*	*1*

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Solids	**86.5**		0.1	0.1	%			02/26/21 15:35	1
Percent Moisture	**13.5**		0.1	0.1	%			02/26/21 15:35	1

Client Sample Results

Client: TRC Environmental Corporation.
Project/Site: ABB 2019 \ 2020

Job ID: 240-145018-1

Client Sample ID: WCA04-01

Date Collected: 02/25/21 13:30
Date Received: 02/25/21 16:22

Lab Sample ID: 240-145018-47

Matrix: Solid
Percent Solids: 83.1

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	**88**		21	18	ug/Kg	☼	02/26/21 12:00	03/09/21 15:11	1
Benzene	<0.60		4.3	0.60	ug/Kg	☼	02/26/21 12:00	03/09/21 15:11	1
Bromoform	<2.1		4.3	2.1	ug/Kg	☼	02/26/21 12:00	03/09/21 15:11	1
Bromomethane	<0.85		4.3	0.85	ug/Kg	☼	02/26/21 12:00	03/09/21 15:11	1
2-Butanone (MEK)	**8.7**	**J**	17	3.1	ug/Kg	☼	02/26/21 12:00	03/09/21 15:11	1
Carbon disulfide	<1.0		4.3	1.0	ug/Kg	☼	02/26/21 12:00	03/09/21 15:11	1
Carbon tetrachloride	<2.8		4.3	2.8	ug/Kg	☼	02/26/21 12:00	03/09/21 15:11	1
Chlorobenzene	<0.79		4.3	0.79	ug/Kg	☼	02/26/21 12:00	03/09/21 15:11	1
Chlorodibromomethane	<2.4		4.3	2.4	ug/Kg	☼	02/26/21 12:00	03/09/21 15:11	1
Chloroethane	<1.0		4.3	1.0	ug/Kg	☼	02/26/21 12:00	03/09/21 15:11	1
Chloroform	<0.68		4.3	0.68	ug/Kg	☼	02/26/21 12:00	03/09/21 15:11	1
Chloromethane	<0.89		4.3	0.89	ug/Kg	☼	02/26/21 12:00	03/09/21 15:11	1
cis-1,2-Dichloroethene	**0.60**	**J**	4.3	0.56	ug/Kg	☼	02/26/21 12:00	03/09/21 15:11	1
cis-1,3-Dichloropropene	<1.2		4.3	1.2	ug/Kg	☼	02/26/21 12:00	03/09/21 15:11	1
1,2-Dibromo-3-Chloropropane	<3.1		8.6	3.1	ug/Kg	☼	02/26/21 12:00	03/09/21 15:11	1
1,2-Dichlorobenzene	<0.95		4.3	0.95	ug/Kg	☼	02/26/21 12:00	03/09/21 15:11	1
1,3-Dichlorobenzene	<0.70		4.3	0.70	ug/Kg	☼	02/26/21 12:00	03/09/21 15:11	1
1,4-Dichlorobenzene	<0.76		4.3	0.76	ug/Kg	☼	02/26/21 12:00	03/09/21 15:11	1
Dichlorobromomethane	<0.58		4.3	0.58	ug/Kg	☼	02/26/21 12:00	03/09/21 15:11	1
Dichlorodifluoromethane	<0.81		4.3	0.81	ug/Kg	☼	02/26/21 12:00	03/09/21 15:11	1
1,1-Dichloroethane	**67**		4.3	0.59	ug/Kg	☼	02/26/21 12:00	03/09/21 15:11	1
1,2-Dichloroethane	**1.2**	**J**	4.3	0.66	ug/Kg	☼	02/26/21 12:00	03/09/21 15:11	1
1,1-Dichloroethene	**110**		4.3	0.78	ug/Kg	☼	02/26/21 12:00	03/09/21 15:11	1
1,2-Dichloropropane	<0.73		4.3	0.73	ug/Kg	☼	02/26/21 12:00	03/09/21 15:11	1
1,4-Dioxane	**210**		210	19	ug/Kg	☼	02/26/21 12:00	03/09/21 15:11	1
Ethylbenzene	<0.90		4.3	0.90	ug/Kg	☼	02/26/21 12:00	03/09/21 15:11	1
Ethylene Dibromide	<0.66		4.3	0.66	ug/Kg	☼	02/26/21 12:00	03/09/21 15:11	1
2-Hexanone	<3.5		17	3.5	ug/Kg	☼	02/26/21 12:00	03/09/21 15:11	1
Isopropylbenzene	<0.71		4.3	0.71	ug/Kg	☼	02/26/21 12:00	03/09/21 15:11	1
Methylene Chloride	<10		21	10	ug/Kg	☼	02/26/21 12:00	03/09/21 15:11	1
4-Methyl-2-pentanone (MIBK)	<3.2	*+	17	3.2	ug/Kg	☼	02/26/21 12:00	03/09/21 15:11	1
Methyl tert-butyl ether	<0.70	*+	4.3	0.70	ug/Kg	☼	02/26/21 12:00	03/09/21 15:11	1
Styrene	<0.99		4.3	0.99	ug/Kg	☼	02/26/21 12:00	03/09/21 15:11	1
1,1,2,2-Tetrachloroethane	<1.2		4.3	1.2	ug/Kg	☼	02/26/21 12:00	03/09/21 15:11	1
Tetrachloroethene	<0.63		4.3	0.63	ug/Kg	☼	02/26/21 12:00	03/09/21 15:11	1
Toluene	**0.92**	**J**	4.3	0.66	ug/Kg	☼	02/26/21 12:00	03/09/21 15:11	1
trans-1,2-Dichloroethene	<0.40		4.3	0.40	ug/Kg	☼	02/26/21 12:00	03/09/21 15:11	1
trans-1,3-Dichloropropene	<0.89		4.3	0.89	ug/Kg	☼	02/26/21 12:00	03/09/21 15:11	1
1,2,4-Trichlorobenzene	<0.49		4.3	0.49	ug/Kg	☼	02/26/21 12:00	03/09/21 15:11	1
1,1,1-Trichloroethane	**1.6**	**J**	4.3	0.70	ug/Kg	☼	02/26/21 12:00	03/09/21 15:11	1
1,1,2-Trichloroethane	<0.97		4.3	0.97	ug/Kg	☼	02/26/21 12:00	03/09/21 15:11	1
Trichloroethene	<0.54		4.3	0.54	ug/Kg	☼	02/26/21 12:00	03/09/21 15:11	1
Trichlorofluoromethane	<0.93		4.3	0.93	ug/Kg	☼	02/26/21 12:00	03/09/21 15:11	1
Vinyl chloride	**20**		4.3	0.72	ug/Kg	☼	02/26/21 12:00	03/09/21 15:11	1
Xylenes, Total	<1.4		8.6	1.4	ug/Kg	☼	02/26/21 12:00	03/09/21 15:11	1
Naphthalene	<2.3		4.3	2.3	ug/Kg	☼	02/26/21 12:00	03/09/21 15:11	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*109*		*51 - 127*	*02/26/21 12:00*	*03/09/21 15:11*	*1*
Dibromofluoromethane (Surr)	*97*		*56 - 122*	*02/26/21 12:00*	*03/09/21 15:11*	*1*

Client Sample Results

Client: TRC Environmental Corporation.
Project/Site: ABB 2019 \ 2020

Job ID: 240-145018-1

Client Sample ID: WCA04-01

Date Collected: 02/25/21 13:30
Date Received: 02/25/21 16:22

Lab Sample ID: 240-145018-47

Matrix: Solid
Percent Solids: 83.1

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*105*		*59 - 120*	*02/26/21 12:00*	*03/09/21 15:11*	*1*
Toluene-d8 (Surr)	*105*		*64 - 124*	*02/26/21 12:00*	*03/09/21 15:11*	*1*

Method: 8260B - Volatile Organic Compounds (GC/MS) - TCLP

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1-Dichloroethene	<0.00019		0.025	0.00019	mg/L			03/08/21 15:23	1
1,2-Dichloroethane	<0.00021		0.025	0.00021	mg/L			03/08/21 15:23	1
2-Butanone (MEK)	<0.0012		0.25	0.0012	mg/L			03/08/21 15:23	1
Benzene	<0.00013		0.025	0.00013	mg/L			03/08/21 15:23	1
Carbon tetrachloride	<0.00026		0.025	0.00026	mg/L			03/08/21 15:23	1
Chlorobenzene	<0.00014		0.025	0.00014	mg/L			03/08/21 15:23	1
Chloroform	<0.00013		0.025	0.00013	mg/L			03/08/21 15:23	1
Tetrachloroethene	<0.00015		0.025	0.00015	mg/L			03/08/21 15:23	1
Trichloroethene	<0.00010		0.025	0.00010	mg/L			03/08/21 15:23	1
Vinyl chloride	<0.00020		0.025	0.00020	mg/L			03/08/21 15:23	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*103*		*74 - 124*		*03/08/21 15:23*	*1*
4-Bromofluorobenzene (Surr)	*100*		*77 - 120*		*03/08/21 15:23*	*1*
Toluene-d8 (Surr)	*89*		*80 - 120*		*03/08/21 15:23*	*1*
Dibromofluoromethane (Surr)	*109*		*80 - 120*		*03/08/21 15:23*	*1*

Method: 6010B - Metals (ICP) - TCLP

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	**0.0070**	**J B**	0.050	0.0041	mg/L		03/02/21 14:00	03/03/21 18:04	1
Barium	**0.081**	**J B**	0.50	0.0013	mg/L		03/02/21 14:00	03/03/21 18:04	1
Cadmium	**0.0015**	**J**	0.050	0.00020	mg/L		03/02/21 14:00	03/03/21 18:04	1
Chromium	**0.0026**	**J B**	0.050	0.00063	mg/L		03/02/21 14:00	03/03/21 18:04	1
Lead	**0.010**	**J**	0.050	0.0028	mg/L		03/02/21 14:00	03/03/21 18:04	1
Selenium	<0.0060		0.050	0.0060	mg/L		03/02/21 14:00	03/03/21 18:04	1
Silver	<0.00062		0.050	0.00062	mg/L		03/02/21 14:00	03/03/21 18:04	1

Method: 7470A - Mercury (CVAA) - TCLP

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.00013		0.0020	0.00013	mg/L		03/02/21 14:00	03/03/21 14:37	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Flashpoint	**>200**		1.00	1.00	Degrees F			03/08/21 10:38	1
Cyanide, Total	<0.22		0.58	0.22	mg/Kg	☼	03/04/21 20:09	03/04/21 22:08	1
Sulfide	<18		36	18	mg/Kg	☼	03/02/21 08:52	03/02/21 14:15	1
Sulfide as H2S	<18		36	18	mg/Kg	☼	03/02/21 08:52	03/02/21 14:15	1
pH	**6.3**	**HF**	0.1	0.1	SU			03/04/21 13:40	1
Corrosivity	**6.3**	**HF**	0.1	0.1	SU			03/04/21 13:40	1
Percent Solids	**83.1**		0.1	0.1	%			02/26/21 15:35	1
Percent Moisture	**16.9**		0.1	0.1	%			02/26/21 15:35	1

Client Sample Results

Client: TRC Environmental Corporation.
Project/Site: ABB 2019 \ 2020

Job ID: 240-145018-1

Client Sample ID: SB-50 (0-2)

Date Collected: 02/25/21 13:50
Date Received: 02/25/21 16:22

Lab Sample ID: 240-145018-49

Matrix: Solid
Percent Solids: 87.2

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	<18		22	18	ug/Kg	☼	02/26/21 12:00	03/09/21 14:04	1
Benzene	<0.60		4.3	0.60	ug/Kg	☼	02/26/21 12:00	03/09/21 14:04	1
Bromoform	<2.1		4.3	2.1	ug/Kg	☼	02/26/21 12:00	03/09/21 14:04	1
Bromomethane	<0.85		4.3	0.85	ug/Kg	☼	02/26/21 12:00	03/09/21 14:04	1
2-Butanone (MEK)	<3.1		17	3.1	ug/Kg	☼	02/26/21 12:00	03/09/21 14:04	1
Carbon disulfide	<1.0		4.3	1.0	ug/Kg	☼	02/26/21 12:00	03/09/21 14:04	1
Carbon tetrachloride	<2.8		4.3	2.8	ug/Kg	☼	02/26/21 12:00	03/09/21 14:04	1
Chlorobenzene	<0.79		4.3	0.79	ug/Kg	☼	02/26/21 12:00	03/09/21 14:04	1
Chlorodibromomethane	<2.4		4.3	2.4	ug/Kg	☼	02/26/21 12:00	03/09/21 14:04	1
Chloroethane	<1.1		4.3	1.1	ug/Kg	☼	02/26/21 12:00	03/09/21 14:04	1
Chloroform	<0.68		4.3	0.68	ug/Kg	☼	02/26/21 12:00	03/09/21 14:04	1
Chloromethane	<0.90		4.3	0.90	ug/Kg	☼	02/26/21 12:00	03/09/21 14:04	1
cis-1,2-Dichloroethene	<0.56		4.3	0.56	ug/Kg	☼	02/26/21 12:00	03/09/21 14:04	1
cis-1,3-Dichloropropene	<1.2		4.3	1.2	ug/Kg	☼	02/26/21 12:00	03/09/21 14:04	1
1,2-Dibromo-3-Chloropropane	<3.1		8.6	3.1	ug/Kg	☼	02/26/21 12:00	03/09/21 14:04	1
1,2-Dichlorobenzene	<0.96		4.3	0.96	ug/Kg	☼	02/26/21 12:00	03/09/21 14:04	1
1,3-Dichlorobenzene	<0.70		4.3	0.70	ug/Kg	☼	02/26/21 12:00	03/09/21 14:04	1
1,4-Dichlorobenzene	<0.76		4.3	0.76	ug/Kg	☼	02/26/21 12:00	03/09/21 14:04	1
Dichlorobromomethane	<0.58		4.3	0.58	ug/Kg	☼	02/26/21 12:00	03/09/21 14:04	1
Dichlorodifluoromethane	<0.81		4.3	0.81	ug/Kg	☼	02/26/21 12:00	03/09/21 14:04	1
1,1-Dichloroethane	**0.95**	**J**	4.3	0.60	ug/Kg	☼	02/26/21 12:00	03/09/21 14:04	1
1,2-Dichloroethane	<0.67		4.3	0.67	ug/Kg	☼	02/26/21 12:00	03/09/21 14:04	1
1,1-Dichloroethene	<0.78		4.3	0.78	ug/Kg	☼	02/26/21 12:00	03/09/21 14:04	1
1,2-Dichloropropane	<0.73		4.3	0.73	ug/Kg	☼	02/26/21 12:00	03/09/21 14:04	1
1,4-Dioxane	<19		220	19	ug/Kg	☼	02/26/21 12:00	03/09/21 14:04	1
Ethylbenzene	<0.90		4.3	0.90	ug/Kg	☼	02/26/21 12:00	03/09/21 14:04	1
Ethylene Dibromide	<0.66		4.3	0.66	ug/Kg	☼	02/26/21 12:00	03/09/21 14:04	1
2-Hexanone	<3.5		17	3.5	ug/Kg	☼	02/26/21 12:00	03/09/21 14:04	1
Isopropylbenzene	<0.72		4.3	0.72	ug/Kg	☼	02/26/21 12:00	03/09/21 14:04	1
Methylene Chloride	<10		22	10	ug/Kg	☼	02/26/21 12:00	03/09/21 14:04	1
4-Methyl-2-pentanone (MIBK)	<3.2		17	3.2	ug/Kg	☼	02/26/21 12:00	03/09/21 14:04	1
Methyl tert-butyl ether	<0.71		4.3	0.71	ug/Kg	☼	02/26/21 12:00	03/09/21 14:04	1
Styrene	<1.0		4.3	1.0	ug/Kg	☼	02/26/21 12:00	03/09/21 14:04	1
1,1,2,2-Tetrachloroethane	<1.2		4.3	1.2	ug/Kg	☼	02/26/21 12:00	03/09/21 14:04	1
Tetrachloroethene	**5.9**		4.3	0.63	ug/Kg	☼	02/26/21 12:00	03/09/21 14:04	1
Toluene	<0.67		4.3	0.67	ug/Kg	☼	02/26/21 12:00	03/09/21 14:04	1
trans-1,2-Dichloroethene	<0.40		4.3	0.40	ug/Kg	☼	02/26/21 12:00	03/09/21 14:04	1
trans-1,3-Dichloropropene	<0.89		4.3	0.89	ug/Kg	☼	02/26/21 12:00	03/09/21 14:04	1
1,2,4-Trichlorobenzene	<0.49		4.3	0.49	ug/Kg	☼	02/26/21 12:00	03/09/21 14:04	1
1,1,1-Trichloroethane	**1.3**	**J**	4.3	0.71	ug/Kg	☼	02/26/21 12:00	03/09/21 14:04	1
1,1,2-Trichloroethane	<0.98		4.3	0.98	ug/Kg	☼	02/26/21 12:00	03/09/21 14:04	1
Trichloroethene	<0.55		4.3	0.55	ug/Kg	☼	02/26/21 12:00	03/09/21 14:04	1
Trichlorofluoromethane	<0.93		4.3	0.93	ug/Kg	☼	02/26/21 12:00	03/09/21 14:04	1
Vinyl chloride	<0.72		4.3	0.72	ug/Kg	☼	02/26/21 12:00	03/09/21 14:04	1
Xylenes, Total	<1.4		8.6	1.4	ug/Kg	☼	02/26/21 12:00	03/09/21 14:04	1
Naphthalene	<2.3		4.3	2.3	ug/Kg	☼	02/26/21 12:00	03/09/21 14:04	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*79*		*51 - 127*	*02/26/21 12:00*	*03/09/21 14:04*	*1*
Dibromofluoromethane (Surr)	*79*		*56 - 122*	*02/26/21 12:00*	*03/09/21 14:04*	*1*

Client Sample Results

Client: TRC Environmental Corporation.
Project/Site: ABB 2019 \ 2020

Job ID: 240-145018-1

Client Sample ID: SB-50 (0-2)

Date Collected: 02/25/21 13:50
Date Received: 02/25/21 16:22

Lab Sample ID: 240-145018-49

Matrix: Solid
Percent Solids: 87.2

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*101*		*59 - 120*	*02/26/21 12:00*	*03/09/21 14:04*	*1*
Toluene-d8 (Surr)	*76*		*64 - 124*	*02/26/21 12:00*	*03/09/21 14:04*	*1*

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Solids	**87.2**		0.1	0.1	%			02/26/21 15:35	1
Percent Moisture	**12.8**		0.1	0.1	%			02/26/21 15:35	1

Client Sample Results

Client: TRC Environmental Corporation.
Project/Site: ABB 2019 \ 2020

Job ID: 240-145018-1

Client Sample ID: SB-50 (2-4)

Date Collected: 02/25/21 13:55
Date Received: 02/25/21 16:22

Lab Sample ID: 240-145018-50

Matrix: Solid
Percent Solids: 87.9

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	<80		260	80	ug/Kg	☼	03/04/21 19:53	03/09/21 09:39	1
1,1,2,2-Tetrachloroethane	<150		260	150	ug/Kg	☼	03/04/21 19:53	03/09/21 09:39	1
1,1,2-Trichloroethane	<58		260	58	ug/Kg	☼	03/04/21 19:53	03/09/21 09:39	1
1,1-Dichloroethane	<49		260	49	ug/Kg	☼	03/04/21 19:53	03/09/21 09:39	1
1,1-Dichloroethene	<84		260	84	ug/Kg	☼	03/04/21 19:53	03/09/21 09:39	1
1,2,4-Trichlorobenzene	<140		260	140	ug/Kg	☼	03/04/21 19:53	03/09/21 09:39	1
1,2-Dibromo-3-Chloropropane	<230		510	230	ug/Kg	☼	03/04/21 19:53	03/09/21 09:39	1
1,2-Dichlorobenzene	<120		260	120	ug/Kg	☼	03/04/21 19:53	03/09/21 09:39	1
1,2-Dichloroethane	<48		260	48	ug/Kg	☼	03/04/21 19:53	03/09/21 09:39	1
1,2-Dichloropropane	<38		260	38	ug/Kg	☼	03/04/21 19:53	03/09/21 09:39	1
1,3-Dichlorobenzene	<47		260	47	ug/Kg	☼	03/04/21 19:53	03/09/21 09:39	1
1,4-Dichlorobenzene	<56		260	56	ug/Kg	☼	03/04/21 19:53	03/09/21 09:39	1
1,4-Dioxane	<2400		13000	2400	ug/Kg	☼	03/04/21 19:53	03/09/21 09:39	1
2-Hexanone	<270		1000	270	ug/Kg	☼	03/04/21 19:53	03/09/21 09:39	1
Acetone	<250		1000	250	ug/Kg	☼	03/04/21 19:53	03/09/21 09:39	1
Benzene	<43		260	43	ug/Kg	☼	03/04/21 19:53	03/09/21 09:39	1
Bromoform	<230		260	230	ug/Kg	☼	03/04/21 19:53	03/09/21 09:39	1
Bromomethane	<170		260	170	ug/Kg	☼	03/04/21 19:53	03/09/21 09:39	1
Carbon disulfide	<110		260	110	ug/Kg	☼	03/04/21 19:53	03/09/21 09:39	1
Carbon tetrachloride	<100		260	100	ug/Kg	☼	03/04/21 19:53	03/09/21 09:39	1
Chlorobenzene	<36		260	36	ug/Kg	☼	03/04/21 19:53	03/09/21 09:39	1
Chloroethane	<150		260	150	ug/Kg	☼	03/04/21 19:53	03/09/21 09:39	1
Chloroform	<55		260	55	ug/Kg	☼	03/04/21 19:53	03/09/21 09:39	1
Chloromethane	<67		260	67	ug/Kg	☼	03/04/21 19:53	03/09/21 09:39	1
cis-1,2-Dichloroethene	<41		260	41	ug/Kg	☼	03/04/21 19:53	03/09/21 09:39	1
cis-1,3-Dichloropropene	<130		260	130	ug/Kg	☼	03/04/21 19:53	03/09/21 09:39	1
Dichlorobromomethane	<29		260	29	ug/Kg	☼	03/04/21 19:53	03/09/21 09:39	1
Dichlorodifluoromethane	<54		260	54	ug/Kg	☼	03/04/21 19:53	03/09/21 09:39	1
Ethylbenzene	<48		260	48	ug/Kg	☼	03/04/21 19:53	03/09/21 09:39	1
Ethylene Dibromide	<81		260	81	ug/Kg	☼	03/04/21 19:53	03/09/21 09:39	1
Naphthalene	<120		260	120	ug/Kg	☼	03/04/21 19:53	03/09/21 09:39	1
Isopropylbenzene	<39		260	39	ug/Kg	☼	03/04/21 19:53	03/09/21 09:39	1
2-Butanone (MEK)	<160		1000	160	ug/Kg	☼	03/04/21 19:53	03/09/21 09:39	1
4-Methyl-2-pentanone (MIBK)	<240		1000	240	ug/Kg	☼	03/04/21 19:53	03/09/21 09:39	1
Methyl tert-butyl ether	<38		260	38	ug/Kg	☼	03/04/21 19:53	03/09/21 09:39	1
Methylene Chloride	<390		510	390	ug/Kg	☼	03/04/21 19:53	03/09/21 09:39	1
Styrene	<53		260	53	ug/Kg	☼	03/04/21 19:53	03/09/21 09:39	1
Tetrachloroethene	**270**		260	99	ug/Kg	☼	03/04/21 19:53	03/09/21 09:39	1
Toluene	<240		260	240	ug/Kg	☼	03/04/21 19:53	03/09/21 09:39	1
trans-1,2-Dichloroethene	<63		260	63	ug/Kg	☼	03/04/21 19:53	03/09/21 09:39	1
trans-1,3-Dichloropropene	<110		260	110	ug/Kg	☼	03/04/21 19:53	03/09/21 09:39	1
Trichloroethene	<150		260	150	ug/Kg	☼	03/04/21 19:53	03/09/21 09:39	1
Trichlorofluoromethane	<140		260	140	ug/Kg	☼	03/04/21 19:53	03/09/21 09:39	1
Vinyl chloride	<130		260	130	ug/Kg	☼	03/04/21 19:53	03/09/21 09:39	1
Xylenes, Total	<93		510	93	ug/Kg	☼	03/04/21 19:53	03/09/21 09:39	1
Chlorodibromomethane	<120		260	120	ug/Kg	☼	03/04/21 19:53	03/09/21 09:39	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*114*		*47 - 136*	*03/04/21 19:53*	*03/09/21 09:39*	*1*
4-Bromofluorobenzene (Surr)	*91*		*51 - 124*	*03/04/21 19:53*	*03/09/21 09:39*	*1*

Client: TRC Environmental Corporation.
Project/Site: ABB 2019 \ 2020

Job ID: 240-145018-1

Client Sample ID: SB-50 (2-4)

Date Collected: 02/25/21 13:55
Date Received: 02/25/21 16:22

Lab Sample ID: 240-145018-50

Matrix: Solid
Percent Solids: 87.9

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Toluene-d8 (Surr)	*89*		*55 - 123*	*03/04/21 19:53*	*03/09/21 09:39*	*1*
Dibromofluoromethane (Surr)	*86*		*49 - 122*	*03/04/21 19:53*	*03/09/21 09:39*	*1*

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Solids	**87.9**		0.1	0.1	%			02/26/21 15:35	1
Percent Moisture	**12.1**		0.1	0.1	%			02/26/21 15:35	1

Client Sample Results

Client: TRC Environmental Corporation.
Project/Site: ABB 2019 \ 2020

Job ID: 240-145018-1

Client Sample ID: SB-50 (4-6)

Date Collected: 02/25/21 14:00
Date Received: 02/25/21 16:22

Lab Sample ID: 240-145018-51

Matrix: Solid
Percent Solids: 80.7

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	**300**		280	86	ug/Kg	☼	03/04/21 19:53	03/09/21 10:01	1
1,1,2,2-Tetrachloroethane	<170		280	170	ug/Kg	☼	03/04/21 19:53	03/09/21 10:01	1
1,1,2-Trichloroethane	<63		280	63	ug/Kg	☼	03/04/21 19:53	03/09/21 10:01	1
1,1-Dichloroethane	**170**	**J**	280	53	ug/Kg	☼	03/04/21 19:53	03/09/21 10:01	1
1,1-Dichloroethene	**140**	**J**	280	90	ug/Kg	☼	03/04/21 19:53	03/09/21 10:01	1
1,2,4-Trichlorobenzene	<150		280	150	ug/Kg	☼	03/04/21 19:53	03/09/21 10:01	1
1,2-Dibromo-3-Chloropropane	<240		550	240	ug/Kg	☼	03/04/21 19:53	03/09/21 10:01	1
1,2-Dichlorobenzene	<130		280	130	ug/Kg	☼	03/04/21 19:53	03/09/21 10:01	1
1,2-Dichloroethane	<52		280	52	ug/Kg	☼	03/04/21 19:53	03/09/21 10:01	1
1,2-Dichloropropane	<41		280	41	ug/Kg	☼	03/04/21 19:53	03/09/21 10:01	1
1,3-Dichlorobenzene	<51		280	51	ug/Kg	☼	03/04/21 19:53	03/09/21 10:01	1
1,4-Dichlorobenzene	<61		280	61	ug/Kg	☼	03/04/21 19:53	03/09/21 10:01	1
1,4-Dioxane	<2600		14000	2600	ug/Kg	☼	03/04/21 19:53	03/09/21 10:01	1
2-Hexanone	<290		1100	290	ug/Kg	☼	03/04/21 19:53	03/09/21 10:01	1
Acetone	<270		1100	270	ug/Kg	☼	03/04/21 19:53	03/09/21 10:01	1
Benzene	<46		280	46	ug/Kg	☼	03/04/21 19:53	03/09/21 10:01	1
Bromoform	<250		280	250	ug/Kg	☼	03/04/21 19:53	03/09/21 10:01	1
Bromomethane	<180		280	180	ug/Kg	☼	03/04/21 19:53	03/09/21 10:01	1
Carbon disulfide	<120		280	120	ug/Kg	☼	03/04/21 19:53	03/09/21 10:01	1
Carbon tetrachloride	<110		280	110	ug/Kg	☼	03/04/21 19:53	03/09/21 10:01	1
Chlorobenzene	<39		280	39	ug/Kg	☼	03/04/21 19:53	03/09/21 10:01	1
Chloroethane	<170		280	170	ug/Kg	☼	03/04/21 19:53	03/09/21 10:01	1
Chloroform	<60		280	60	ug/Kg	☼	03/04/21 19:53	03/09/21 10:01	1
Chloromethane	<73		280	73	ug/Kg	☼	03/04/21 19:53	03/09/21 10:01	1
cis-1,2-Dichloroethene	<44		280	44	ug/Kg	☼	03/04/21 19:53	03/09/21 10:01	1
cis-1,3-Dichloropropene	<140		280	140	ug/Kg	☼	03/04/21 19:53	03/09/21 10:01	1
Dichlorobromomethane	<31		280	31	ug/Kg	☼	03/04/21 19:53	03/09/21 10:01	1
Dichlorodifluoromethane	<58		280	58	ug/Kg	☼	03/04/21 19:53	03/09/21 10:01	1
Ethylbenzene	<52		280	52	ug/Kg	☼	03/04/21 19:53	03/09/21 10:01	1
Ethylene Dibromide	<87		280	87	ug/Kg	☼	03/04/21 19:53	03/09/21 10:01	1
Naphthalene	<130		280	130	ug/Kg	☼	03/04/21 19:53	03/09/21 10:01	1
Isopropylbenzene	<42		280	42	ug/Kg	☼	03/04/21 19:53	03/09/21 10:01	1
2-Butanone (MEK)	<170		1100	170	ug/Kg	☼	03/04/21 19:53	03/09/21 10:01	1
4-Methyl-2-pentanone (MIBK)	<260		1100	260	ug/Kg	☼	03/04/21 19:53	03/09/21 10:01	1
Methyl tert-butyl ether	<41		280	41	ug/Kg	☼	03/04/21 19:53	03/09/21 10:01	1
Methylene Chloride	<420		550	420	ug/Kg	☼	03/04/21 19:53	03/09/21 10:01	1
Styrene	<57		280	57	ug/Kg	☼	03/04/21 19:53	03/09/21 10:01	1
Tetrachloroethene	**470**		280	110	ug/Kg	☼	03/04/21 19:53	03/09/21 10:01	1
Toluene	<260		280	260	ug/Kg	☼	03/04/21 19:53	03/09/21 10:01	1
trans-1,2-Dichloroethene	<68		280	68	ug/Kg	☼	03/04/21 19:53	03/09/21 10:01	1
trans-1,3-Dichloropropene	<120		280	120	ug/Kg	☼	03/04/21 19:53	03/09/21 10:01	1
Trichloroethene	**170**	**J**	280	160	ug/Kg	☼	03/04/21 19:53	03/09/21 10:01	1
Trichlorofluoromethane	<150		280	150	ug/Kg	☼	03/04/21 19:53	03/09/21 10:01	1
Vinyl chloride	<140		280	140	ug/Kg	☼	03/04/21 19:53	03/09/21 10:01	1
Xylenes, Total	<100		550	100	ug/Kg	☼	03/04/21 19:53	03/09/21 10:01	1
Chlorodibromomethane	<130		280	130	ug/Kg	☼	03/04/21 19:53	03/09/21 10:01	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*122*		*47 - 136*	*03/04/21 19:53*	*03/09/21 10:01*	*1*
4-Bromofluorobenzene (Surr)	*92*		*51 - 124*	*03/04/21 19:53*	*03/09/21 10:01*	*1*

Client: TRC Environmental Corporation.
Project/Site: ABB 2019 \ 2020

Job ID: 240-145018-1

Client Sample ID: SB-50 (4-6)

Date Collected: 02/25/21 14:00
Date Received: 02/25/21 16:22

Lab Sample ID: 240-145018-51

Matrix: Solid
Percent Solids: 80.7

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Toluene-d8 (Surr)	*93*		*55 - 123*	*03/04/21 19:53*	*03/09/21 10:01*	*1*
Dibromofluoromethane (Surr)	*95*		*49 - 122*	*03/04/21 19:53*	*03/09/21 10:01*	*1*

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Solids	**80.7**		0.1	0.1	%			02/26/21 15:35	1
Percent Moisture	**19.3**		0.1	0.1	%			02/26/21 15:35	1

Client Sample Results

Client: TRC Environmental Corporation.
Project/Site: ABB 2019 \ 2020

Job ID: 240-145018-1

Client Sample ID: SB-42 (0-2)

Date Collected: 02/25/21 14:20
Date Received: 02/25/21 16:22

Lab Sample ID: 240-145018-53

Matrix: Solid
Percent Solids: 83.8

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	<81		260	81	ug/Kg	☼	03/04/21 19:53	03/09/21 10:23	1
1,1,2,2-Tetrachloroethane	<160		260	160	ug/Kg	☼	03/04/21 19:53	03/09/21 10:23	1
1,1,2-Trichloroethane	<59		260	59	ug/Kg	☼	03/04/21 19:53	03/09/21 10:23	1
1,1-Dichloroethane	**68**	**J**	260	50	ug/Kg	☼	03/04/21 19:53	03/09/21 10:23	1
1,1-Dichloroethene	**120**	**J**	260	85	ug/Kg	☼	03/04/21 19:53	03/09/21 10:23	1
1,2,4-Trichlorobenzene	<140		260	140	ug/Kg	☼	03/04/21 19:53	03/09/21 10:23	1
1,2-Dibromo-3-Chloropropane	<230		520	230	ug/Kg	☼	03/04/21 19:53	03/09/21 10:23	1
1,2-Dichlorobenzene	<120		260	120	ug/Kg	☼	03/04/21 19:53	03/09/21 10:23	1
1,2-Dichloroethane	<49		260	49	ug/Kg	☼	03/04/21 19:53	03/09/21 10:23	1
1,2-Dichloropropane	<38		260	38	ug/Kg	☼	03/04/21 19:53	03/09/21 10:23	1
1,3-Dichlorobenzene	<48		260	48	ug/Kg	☼	03/04/21 19:53	03/09/21 10:23	1
1,4-Dichlorobenzene	<57		260	57	ug/Kg	☼	03/04/21 19:53	03/09/21 10:23	1
1,4-Dioxane	<2400		13000	2400	ug/Kg	☼	03/04/21 19:53	03/09/21 10:23	1
2-Hexanone	<270		1000	270	ug/Kg	☼	03/04/21 19:53	03/09/21 10:23	1
Acetone	<250		1000	250	ug/Kg	☼	03/04/21 19:53	03/09/21 10:23	1
Benzene	<44		260	44	ug/Kg	☼	03/04/21 19:53	03/09/21 10:23	1
Bromoform	<240		260	240	ug/Kg	☼	03/04/21 19:53	03/09/21 10:23	1
Bromomethane	<170		260	170	ug/Kg	☼	03/04/21 19:53	03/09/21 10:23	1
Carbon disulfide	<110		260	110	ug/Kg	☼	03/04/21 19:53	03/09/21 10:23	1
Carbon tetrachloride	<110		260	110	ug/Kg	☼	03/04/21 19:53	03/09/21 10:23	1
Chlorobenzene	<36		260	36	ug/Kg	☼	03/04/21 19:53	03/09/21 10:23	1
Chloroethane	<160		260	160	ug/Kg	☼	03/04/21 19:53	03/09/21 10:23	1
Chloroform	<56		260	56	ug/Kg	☼	03/04/21 19:53	03/09/21 10:23	1
Chloromethane	<69		260	69	ug/Kg	☼	03/04/21 19:53	03/09/21 10:23	1
cis-1,2-Dichloroethene	<42		260	42	ug/Kg	☼	03/04/21 19:53	03/09/21 10:23	1
cis-1,3-Dichloropropene	<130		260	130	ug/Kg	☼	03/04/21 19:53	03/09/21 10:23	1
Dichlorobromomethane	<29		260	29	ug/Kg	☼	03/04/21 19:53	03/09/21 10:23	1
Dichlorodifluoromethane	<55		260	55	ug/Kg	☼	03/04/21 19:53	03/09/21 10:23	1
Ethylbenzene	<49		260	49	ug/Kg	☼	03/04/21 19:53	03/09/21 10:23	1
Ethylene Dibromide	<82		260	82	ug/Kg	☼	03/04/21 19:53	03/09/21 10:23	1
Naphthalene	<120		260	120	ug/Kg	☼	03/04/21 19:53	03/09/21 10:23	1
Isopropylbenzene	<40		260	40	ug/Kg	☼	03/04/21 19:53	03/09/21 10:23	1
2-Butanone (MEK)	<160		1000	160	ug/Kg	☼	03/04/21 19:53	03/09/21 10:23	1
4-Methyl-2-pentanone (MIBK)	<250		1000	250	ug/Kg	☼	03/04/21 19:53	03/09/21 10:23	1
Methyl tert-butyl ether	<38		260	38	ug/Kg	☼	03/04/21 19:53	03/09/21 10:23	1
Methylene Chloride	<400		520	400	ug/Kg	☼	03/04/21 19:53	03/09/21 10:23	1
Styrene	<54		260	54	ug/Kg	☼	03/04/21 19:53	03/09/21 10:23	1
Tetrachloroethene	**510**		260	100	ug/Kg	☼	03/04/21 19:53	03/09/21 10:23	1
Toluene	<250		260	250	ug/Kg	☼	03/04/21 19:53	03/09/21 10:23	1
trans-1,2-Dichloroethene	<65		260	65	ug/Kg	☼	03/04/21 19:53	03/09/21 10:23	1
trans-1,3-Dichloropropene	<110		260	110	ug/Kg	☼	03/04/21 19:53	03/09/21 10:23	1
Trichloroethene	<150		260	150	ug/Kg	☼	03/04/21 19:53	03/09/21 10:23	1
Trichlorofluoromethane	<140		260	140	ug/Kg	☼	03/04/21 19:53	03/09/21 10:23	1
Vinyl chloride	<130		260	130	ug/Kg	☼	03/04/21 19:53	03/09/21 10:23	1
Xylenes, Total	<95		520	95	ug/Kg	☼	03/04/21 19:53	03/09/21 10:23	1
Chlorodibromomethane	<120		260	120	ug/Kg	☼	03/04/21 19:53	03/09/21 10:23	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*126*		*47 - 136*	*03/04/21 19:53*	*03/09/21 10:23*	*1*
4-Bromofluorobenzene (Surr)	*106*		*51 - 124*	*03/04/21 19:53*	*03/09/21 10:23*	*1*

Client: TRC Environmental Corporation.
Project/Site: ABB 2019 \ 2020

Job ID: 240-145018-1

Client Sample ID: SB-42 (0-2)

Date Collected: 02/25/21 14:20
Date Received: 02/25/21 16:22

Lab Sample ID: 240-145018-53

Matrix: Solid
Percent Solids: 83.8

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Toluene-d8 (Surr)	*94*		*55 - 123*	*03/04/21 19:53*	*03/09/21 10:23*	*1*
Dibromofluoromethane (Surr)	*96*		*49 - 122*	*03/04/21 19:53*	*03/09/21 10:23*	*1*

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Solids	**83.8**		0.1	0.1	%			02/26/21 15:35	1
Percent Moisture	**16.2**		0.1	0.1	%			02/26/21 15:35	1

Client Sample Results

Client: TRC Environmental Corporation.
Project/Site: ABB 2019 \ 2020

Job ID: 240-145018-1

Client Sample ID: SB-42 (2-4)

Date Collected: 02/25/21 14:25
Date Received: 02/25/21 16:22

Lab Sample ID: 240-145018-54

Matrix: Solid
Percent Solids: 84.8

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	**280**	**J**	290	90	ug/Kg	☼	03/04/21 19:53	03/09/21 10:45	1
1,1,2,2-Tetrachloroethane	<170		290	170	ug/Kg	☼	03/04/21 19:53	03/09/21 10:45	1
1,1,2-Trichloroethane	<65		290	65	ug/Kg	☼	03/04/21 19:53	03/09/21 10:45	1
1,1-Dichloroethane	**620**		290	55	ug/Kg	☼	03/04/21 19:53	03/09/21 10:45	1
1,1-Dichloroethene	**2900**		290	94	ug/Kg	☼	03/04/21 19:53	03/09/21 10:45	1
1,2,4-Trichlorobenzene	<150		290	150	ug/Kg	☼	03/04/21 19:53	03/09/21 10:45	1
1,2-Dibromo-3-Chloropropane	<250		570	250	ug/Kg	☼	03/04/21 19:53	03/09/21 10:45	1
1,2-Dichlorobenzene	<140		290	140	ug/Kg	☼	03/04/21 19:53	03/09/21 10:45	1
1,2-Dichloroethane	<54		290	54	ug/Kg	☼	03/04/21 19:53	03/09/21 10:45	1
1,2-Dichloropropane	<42		290	42	ug/Kg	☼	03/04/21 19:53	03/09/21 10:45	1
1,3-Dichlorobenzene	<53		290	53	ug/Kg	☼	03/04/21 19:53	03/09/21 10:45	1
1,4-Dichlorobenzene	<63		290	63	ug/Kg	☼	03/04/21 19:53	03/09/21 10:45	1
1,4-Dioxane	<2700		14000	2700	ug/Kg	☼	03/04/21 19:53	03/09/21 10:45	1
2-Hexanone	<300		1100	300	ug/Kg	☼	03/04/21 19:53	03/09/21 10:45	1
Acetone	<280		1100	280	ug/Kg	☼	03/04/21 19:53	03/09/21 10:45	1
Benzene	<48		290	48	ug/Kg	☼	03/04/21 19:53	03/09/21 10:45	1
Bromoform	<260		290	260	ug/Kg	☼	03/04/21 19:53	03/09/21 10:45	1
Bromomethane	<190		290	190	ug/Kg	☼	03/04/21 19:53	03/09/21 10:45	1
Carbon disulfide	<120		290	120	ug/Kg	☼	03/04/21 19:53	03/09/21 10:45	1
Carbon tetrachloride	<120		290	120	ug/Kg	☼	03/04/21 19:53	03/09/21 10:45	1
Chlorobenzene	<40		290	40	ug/Kg	☼	03/04/21 19:53	03/09/21 10:45	1
Chloroethane	<170		290	170	ug/Kg	☼	03/04/21 19:53	03/09/21 10:45	1
Chloroform	<62		290	62	ug/Kg	☼	03/04/21 19:53	03/09/21 10:45	1
Chloromethane	<76		290	76	ug/Kg	☼	03/04/21 19:53	03/09/21 10:45	1
cis-1,2-Dichloroethene	**99**	**J**	290	46	ug/Kg	☼	03/04/21 19:53	03/09/21 10:45	1
cis-1,3-Dichloropropene	<140		290	140	ug/Kg	☼	03/04/21 19:53	03/09/21 10:45	1
Dichlorobromomethane	<32		290	32	ug/Kg	☼	03/04/21 19:53	03/09/21 10:45	1
Dichlorodifluoromethane	<61		290	61	ug/Kg	☼	03/04/21 19:53	03/09/21 10:45	1
Ethylbenzene	**160**	**J**	290	54	ug/Kg	☼	03/04/21 19:53	03/09/21 10:45	1
Ethylene Dibromide	<91		290	91	ug/Kg	☼	03/04/21 19:53	03/09/21 10:45	1
Naphthalene	**490**		290	140	ug/Kg	☼	03/04/21 19:53	03/09/21 10:45	1
Isopropylbenzene	**84**	**J**	290	44	ug/Kg	☼	03/04/21 19:53	03/09/21 10:45	1
2-Butanone (MEK)	<180		1100	180	ug/Kg	☼	03/04/21 19:53	03/09/21 10:45	1
4-Methyl-2-pentanone (MIBK)	<270		1100	270	ug/Kg	☼	03/04/21 19:53	03/09/21 10:45	1
Methyl tert-butyl ether	<42		290	42	ug/Kg	☼	03/04/21 19:53	03/09/21 10:45	1
Methylene Chloride	<440		570	440	ug/Kg	☼	03/04/21 19:53	03/09/21 10:45	1
Styrene	<60		290	60	ug/Kg	☼	03/04/21 19:53	03/09/21 10:45	1
Tetrachloroethene	**4900**		290	110	ug/Kg	☼	03/04/21 19:53	03/09/21 10:45	1
Toluene	**1000**		290	280	ug/Kg	☼	03/04/21 19:53	03/09/21 10:45	1
trans-1,2-Dichloroethene	<71		290	71	ug/Kg	☼	03/04/21 19:53	03/09/21 10:45	1
trans-1,3-Dichloropropene	<120		290	120	ug/Kg	☼	03/04/21 19:53	03/09/21 10:45	1
Trichloroethene	**760**		290	160	ug/Kg	☼	03/04/21 19:53	03/09/21 10:45	1
Trichlorofluoromethane	<160		290	160	ug/Kg	☼	03/04/21 19:53	03/09/21 10:45	1
Vinyl chloride	<140		290	140	ug/Kg	☼	03/04/21 19:53	03/09/21 10:45	1
Xylenes, Total	**700**		570	100	ug/Kg	☼	03/04/21 19:53	03/09/21 10:45	1
Chlorodibromomethane	<130		290	130	ug/Kg	☼	03/04/21 19:53	03/09/21 10:45	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*109*		*47 - 136*	*03/04/21 19:53*	*03/09/21 10:45*	*1*
4-Bromofluorobenzene (Surr)	*113*		*51 - 124*	*03/04/21 19:53*	*03/09/21 10:45*	*1*

Client Sample Results

Client: TRC Environmental Corporation.
Project/Site: ABB 2019 \ 2020

Job ID: 240-145018-1

Client Sample ID: SB-42 (2-4)

Date Collected: 02/25/21 14:25
Date Received: 02/25/21 16:22

Lab Sample ID: 240-145018-54

Matrix: Solid
Percent Solids: 84.8

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Toluene-d8 (Surr)	*85*		*55 - 123*	*03/04/21 19:53*	*03/09/21 10:45*	*1*
Dibromofluoromethane (Surr)	*82*		*49 - 122*	*03/04/21 19:53*	*03/09/21 10:45*	*1*

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Solids	**84.8**		0.1	0.1	%			02/26/21 15:35	1
Percent Moisture	**15.2**		0.1	0.1	%			02/26/21 15:35	1

Client Sample Results

Client: TRC Environmental Corporation.
Project/Site: ABB 2019 \ 2020

Job ID: 240-145018-1

Client Sample ID: SB-42 (4-6)

Date Collected: 02/25/21 14:39
Date Received: 02/25/21 16:22

Lab Sample ID: 240-145018-55

Matrix: Solid
Percent Solids: 91.1

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	**160000**		5800	1800	ug/Kg	☼	03/04/21 19:53	03/10/21 14:23	25
1,1,2,2-Tetrachloroethane	<3500		5800	3500	ug/Kg	☼	03/04/21 19:53	03/10/21 14:23	25
1,1,2-Trichloroethane	<1300		5800	1300	ug/Kg	☼	03/04/21 19:53	03/10/21 14:23	25
1,1-Dichloroethane	**16000**		5800	1100	ug/Kg	☼	03/04/21 19:53	03/10/21 14:23	25
1,1-Dichloroethene	**11000**		5800	1900	ug/Kg	☼	03/04/21 19:53	03/10/21 14:23	25
1,2,4-Trichlorobenzene	<3100		5800	3100	ug/Kg	☼	03/04/21 19:53	03/10/21 14:23	25
1,2-Dibromo-3-Chloropropane	<5100		12000	5100	ug/Kg	☼	03/04/21 19:53	03/10/21 14:23	25
1,2-Dichlorobenzene	<2800		5800	2800	ug/Kg	☼	03/04/21 19:53	03/10/21 14:23	25
1,2-Dichloroethane	<1100		5800	1100	ug/Kg	☼	03/04/21 19:53	03/10/21 14:23	25
1,2-Dichloropropane	<860		5800	860	ug/Kg	☼	03/04/21 19:53	03/10/21 14:23	25
1,3-Dichlorobenzene	<1100		5800	1100	ug/Kg	☼	03/04/21 19:53	03/10/21 14:23	25
1,4-Dichlorobenzene	<1300		5800	1300	ug/Kg	☼	03/04/21 19:53	03/10/21 14:23	25
1,4-Dioxane	<54000		290000	54000	ug/Kg	☼	03/04/21 19:53	03/10/21 14:23	25
2-Hexanone	<6100		23000	6100	ug/Kg	☼	03/04/21 19:53	03/10/21 14:23	25
Acetone	<5700		23000	5700	ug/Kg	☼	03/04/21 19:53	03/10/21 14:23	25
Benzene	<980		5800	980	ug/Kg	☼	03/04/21 19:53	03/10/21 14:23	25
Bromoform	<5300		5800	5300	ug/Kg	☼	03/04/21 19:53	03/10/21 14:23	25
Bromomethane	<3900		5800	3900	ug/Kg	☼	03/04/21 19:53	03/10/21 14:23	25
Carbon disulfide	<2500		5800	2500	ug/Kg	☼	03/04/21 19:53	03/10/21 14:23	25
Carbon tetrachloride	<2400		5800	2400	ug/Kg	☼	03/04/21 19:53	03/10/21 14:23	25
Chlorobenzene	<810		5800	810	ug/Kg	☼	03/04/21 19:53	03/10/21 14:23	25
Chloroethane	<3500		5800	3500	ug/Kg	☼	03/04/21 19:53	03/10/21 14:23	25
Chloroform	<1300		5800	1300	ug/Kg	☼	03/04/21 19:53	03/10/21 14:23	25
Chloromethane	<1500		5800	1500	ug/Kg	☼	03/04/21 19:53	03/10/21 14:23	25
cis-1,2-Dichloroethene	<930		5800	930	ug/Kg	☼	03/04/21 19:53	03/10/21 14:23	25
cis-1,3-Dichloropropene	<2900		5800	2900	ug/Kg	☼	03/04/21 19:53	03/10/21 14:23	25
Dichlorobromomethane	<650		5800	650	ug/Kg	☼	03/04/21 19:53	03/10/21 14:23	25
Dichlorodifluoromethane	<1200		5800	1200	ug/Kg	☼	03/04/21 19:53	03/10/21 14:23	25
Ethylbenzene	**2300**	**J**	5800	1100	ug/Kg	☼	03/04/21 19:53	03/10/21 14:23	25
Ethylene Dibromide	<1800		5800	1800	ug/Kg	☼	03/04/21 19:53	03/10/21 14:23	25
Naphthalene	**12000**		5800	2700	ug/Kg	☼	03/04/21 19:53	03/10/21 14:23	25
Isopropylbenzene	<880		5800	880	ug/Kg	☼	03/04/21 19:53	03/10/21 14:23	25
2-Butanone (MEK)	<3700		23000	3700	ug/Kg	☼	03/04/21 19:53	03/10/21 14:23	25
4-Methyl-2-pentanone (MIBK)	<5500		23000	5500	ug/Kg	☼	03/04/21 19:53	03/10/21 14:23	25
Methyl tert-butyl ether	<860		5800	860	ug/Kg	☼	03/04/21 19:53	03/10/21 14:23	25
Methylene Chloride	<8900		12000	8900	ug/Kg	☼	03/04/21 19:53	03/10/21 14:23	25
Styrene	<1200		5800	1200	ug/Kg	☼	03/04/21 19:53	03/10/21 14:23	25
Tetrachloroethene	**140000**		5800	2300	ug/Kg	☼	03/04/21 19:53	03/10/21 14:23	25
Toluene	**31000**		5800	5600	ug/Kg	☼	03/04/21 19:53	03/10/21 14:23	25
trans-1,2-Dichloroethene	<1400		5800	1400	ug/Kg	☼	03/04/21 19:53	03/10/21 14:23	25
trans-1,3-Dichloropropene	<2400		5800	2400	ug/Kg	☼	03/04/21 19:53	03/10/21 14:23	25
Trichloroethene	**6700**		5800	3300	ug/Kg	☼	03/04/21 19:53	03/10/21 14:23	25
Trichlorofluoromethane	<3200		5800	3200	ug/Kg	☼	03/04/21 19:53	03/10/21 14:23	25
Vinyl chloride	<2900		5800	2900	ug/Kg	☼	03/04/21 19:53	03/10/21 14:23	25
Xylenes, Total	**12000**		12000	2100	ug/Kg	☼	03/04/21 19:53	03/10/21 14:23	25
Chlorodibromomethane	<2700		5800	2700	ug/Kg	☼	03/04/21 19:53	03/10/21 14:23	25

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*123*		*47 - 136*	*03/04/21 19:53*	*03/10/21 14:23*	*25*
4-Bromofluorobenzene (Surr)	*158*	*S1+*	*51 - 124*	*03/04/21 19:53*	*03/10/21 14:23*	*25*

Client: TRC Environmental Corporation.
Project/Site: ABB 2019 \ 2020

Job ID: 240-145018-1

Client Sample ID: SB-42 (4-6)

Date Collected: 02/25/21 14:39
Date Received: 02/25/21 16:22

Lab Sample ID: 240-145018-55

Matrix: Solid
Percent Solids: 91.1

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Toluene-d8 (Surr)	*124*	*S1+*	*55 - 123*	*03/04/21 19:53*	*03/10/21 14:23*	*25*
Dibromofluoromethane (Surr)	*118*		*49 - 122*	*03/04/21 19:53*	*03/10/21 14:23*	*25*

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Solids	**91.1**		0.1	0.1	%			02/26/21 15:35	1
Percent Moisture	**8.9**		0.1	0.1	%			02/26/21 15:35	1

Client Sample Results

Client: TRC Environmental Corporation.
Project/Site: ABB 2019 \ 2020

Job ID: 240-145018-1

Client Sample ID: SB-43 (0-2)

Date Collected: 02/25/21 14:55
Date Received: 02/25/21 16:22

Lab Sample ID: 240-145018-57

Matrix: Solid
Percent Solids: 87.9

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	<15		17	15	ug/Kg	☼	02/26/21 12:00	03/10/21 16:00	1
Benzene	<0.48		3.5	0.48	ug/Kg	☼	02/26/21 12:00	03/10/21 16:00	1
Bromoform	<1.7		3.5	1.7	ug/Kg	☼	02/26/21 12:00	03/10/21 16:00	1
Bromomethane	<0.68		3.5	0.68	ug/Kg	☼	02/26/21 12:00	03/10/21 16:00	1
2-Butanone (MEK)	<2.5		14	2.5	ug/Kg	☼	02/26/21 12:00	03/10/21 16:00	1
Carbon disulfide	<0.81		3.5	0.81	ug/Kg	☼	02/26/21 12:00	03/10/21 16:00	1
Carbon tetrachloride	<2.3		3.5	2.3	ug/Kg	☼	02/26/21 12:00	03/10/21 16:00	1
Chlorobenzene	<0.63		3.5	0.63	ug/Kg	☼	02/26/21 12:00	03/10/21 16:00	1
Chlorodibromomethane	<1.9		3.5	1.9	ug/Kg	☼	02/26/21 12:00	03/10/21 16:00	1
Chloroethane	<0.85		3.5	0.85	ug/Kg	☼	02/26/21 12:00	03/10/21 16:00	1
Chloroform	<0.55		3.5	0.55	ug/Kg	☼	02/26/21 12:00	03/10/21 16:00	1
Chloromethane	<0.72		3.5	0.72	ug/Kg	☼	02/26/21 12:00	03/10/21 16:00	1
cis-1,2-Dichloroethene	**4.1**		3.5	0.45	ug/Kg	☼	02/26/21 12:00	03/10/21 16:00	1
cis-1,3-Dichloropropene	<1.0		3.5	1.0	ug/Kg	☼	02/26/21 12:00	03/10/21 16:00	1
1,2-Dibromo-3-Chloropropane	<2.5		6.9	2.5	ug/Kg	☼	02/26/21 12:00	03/10/21 16:00	1
1,2-Dichlorobenzene	<0.77		3.5	0.77	ug/Kg	☼	02/26/21 12:00	03/10/21 16:00	1
1,3-Dichlorobenzene	<0.57		3.5	0.57	ug/Kg	☼	02/26/21 12:00	03/10/21 16:00	1
1,4-Dichlorobenzene	<0.61		3.5	0.61	ug/Kg	☼	02/26/21 12:00	03/10/21 16:00	1
Dichlorobromomethane	<0.47		3.5	0.47	ug/Kg	☼	02/26/21 12:00	03/10/21 16:00	1
Dichlorodifluoromethane	<0.65		3.5	0.65	ug/Kg	☼	02/26/21 12:00	03/10/21 16:00	1
1,1-Dichloroethane	**9.1**		3.5	0.48	ug/Kg	☼	02/26/21 12:00	03/10/21 16:00	1
1,2-Dichloroethane	<0.53		3.5	0.53	ug/Kg	☼	02/26/21 12:00	03/10/21 16:00	1
1,1-Dichloroethene	<0.63		3.5	0.63	ug/Kg	☼	02/26/21 12:00	03/10/21 16:00	1
1,2-Dichloropropane	<0.59		3.5	0.59	ug/Kg	☼	02/26/21 12:00	03/10/21 16:00	1
1,4-Dioxane	<15		170	15	ug/Kg	☼	02/26/21 12:00	03/10/21 16:00	1
Ethylbenzene	<0.73		3.5	0.73	ug/Kg	☼	02/26/21 12:00	03/10/21 16:00	1
Ethylene Dibromide	<0.53		3.5	0.53	ug/Kg	☼	02/26/21 12:00	03/10/21 16:00	1
2-Hexanone	<2.8		14	2.8	ug/Kg	☼	02/26/21 12:00	03/10/21 16:00	1
Isopropylbenzene	<0.58		3.5	0.58	ug/Kg	☼	02/26/21 12:00	03/10/21 16:00	1
Methylene Chloride	<8.3		17	8.3	ug/Kg	☼	02/26/21 12:00	03/10/21 16:00	1
4-Methyl-2-pentanone (MIBK)	<2.6		14	2.6	ug/Kg	☼	02/26/21 12:00	03/10/21 16:00	1
Methyl tert-butyl ether	<0.57		3.5	0.57	ug/Kg	☼	02/26/21 12:00	03/10/21 16:00	1
Styrene	<0.80		3.5	0.80	ug/Kg	☼	02/26/21 12:00	03/10/21 16:00	1
1,1,2,2-Tetrachloroethane	<0.99		3.5	0.99	ug/Kg	☼	02/26/21 12:00	03/10/21 16:00	1
Tetrachloroethene	**18**		3.5	0.51	ug/Kg	☼	02/26/21 12:00	03/10/21 16:00	1
Toluene	**0.95**	**J**	3.5	0.54	ug/Kg	☼	02/26/21 12:00	03/10/21 16:00	1
trans-1,2-Dichloroethene	<0.32		3.5	0.32	ug/Kg	☼	02/26/21 12:00	03/10/21 16:00	1
trans-1,3-Dichloropropene	<0.72		3.5	0.72	ug/Kg	☼	02/26/21 12:00	03/10/21 16:00	1
1,2,4-Trichlorobenzene	<0.40		3.5	0.40	ug/Kg	☼	02/26/21 12:00	03/10/21 16:00	1
1,1,1-Trichloroethane	**2.9**	**J**	3.5	0.57	ug/Kg	☼	02/26/21 12:00	03/10/21 16:00	1
1,1,2-Trichloroethane	<0.78		3.5	0.78	ug/Kg	☼	02/26/21 12:00	03/10/21 16:00	1
Trichloroethene	**2.2**	**J**	3.5	0.44	ug/Kg	☼	02/26/21 12:00	03/10/21 16:00	1
Trichlorofluoromethane	<0.75		3.5	0.75	ug/Kg	☼	02/26/21 12:00	03/10/21 16:00	1
Vinyl chloride	<0.58		3.5	0.58	ug/Kg	☼	02/26/21 12:00	03/10/21 16:00	1
Xylenes, Total	<1.1		6.9	1.1	ug/Kg	☼	02/26/21 12:00	03/10/21 16:00	1
Naphthalene	<1.9		3.5	1.9	ug/Kg	☼	02/26/21 12:00	03/10/21 16:00	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*91*		*51 - 127*	*02/26/21 12:00*	*03/10/21 16:00*	*1*
Dibromofluoromethane (Surr)	*87*		*56 - 122*	*02/26/21 12:00*	*03/10/21 16:00*	*1*

Client Sample Results

Client: TRC Environmental Corporation.
Project/Site: ABB 2019 \ 2020

Job ID: 240-145018-1

Client Sample ID: SB-43 (0-2)

Date Collected: 02/25/21 14:55
Date Received: 02/25/21 16:22

Lab Sample ID: 240-145018-57

Matrix: Solid
Percent Solids: 87.9

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*86*		*59 - 120*	*02/26/21 12:00*	*03/10/21 16:00*	*1*
Toluene-d8 (Surr)	*92*		*64 - 124*	*02/26/21 12:00*	*03/10/21 16:00*	*1*

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Solids	**87.9**		0.1	0.1	%			02/26/21 15:35	1
Percent Moisture	**12.1**		0.1	0.1	%			02/26/21 15:35	1

Client Sample Results

Client: TRC Environmental Corporation.
Project/Site: ABB 2019 \ 2020

Job ID: 240-145018-1

Client Sample ID: SB-43 (2-4)

Date Collected: 02/25/21 15:00
Date Received: 02/25/21 16:22

Lab Sample ID: 240-145018-58

Matrix: Solid
Percent Solids: 75.0

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	**370**		340	110	ug/Kg	☼	03/04/21 19:53	03/09/21 11:51	1
1,1,2,2-Tetrachloroethane	<200		340	200	ug/Kg	☼	03/04/21 19:53	03/09/21 11:51	1
1,1,2-Trichloroethane	<78		340	78	ug/Kg	☼	03/04/21 19:53	03/09/21 11:51	1
1,1-Dichloroethane	**1800**		340	65	ug/Kg	☼	03/04/21 19:53	03/09/21 11:51	1
1,1-Dichloroethene	**540**		340	110	ug/Kg	☼	03/04/21 19:53	03/09/21 11:51	1
1,2,4-Trichlorobenzene	<180		340	180	ug/Kg	☼	03/04/21 19:53	03/09/21 11:51	1
1,2-Dibromo-3-Chloropropane	<300		680	300	ug/Kg	☼	03/04/21 19:53	03/09/21 11:51	1
1,2-Dichlorobenzene	<160		340	160	ug/Kg	☼	03/04/21 19:53	03/09/21 11:51	1
1,2-Dichloroethane	<64		340	64	ug/Kg	☼	03/04/21 19:53	03/09/21 11:51	1
1,2-Dichloropropane	<50		340	50	ug/Kg	☼	03/04/21 19:53	03/09/21 11:51	1
1,3-Dichlorobenzene	<63		340	63	ug/Kg	☼	03/04/21 19:53	03/09/21 11:51	1
1,4-Dichlorobenzene	<75		340	75	ug/Kg	☼	03/04/21 19:53	03/09/21 11:51	1
1,4-Dioxane	<3200		17000	3200	ug/Kg	☼	03/04/21 19:53	03/09/21 11:51	1
2-Hexanone	<360		1400	360	ug/Kg	☼	03/04/21 19:53	03/09/21 11:51	1
Acetone	<330		1400	330	ug/Kg	☼	03/04/21 19:53	03/09/21 11:51	1
Benzene	<57		340	57	ug/Kg	☼	03/04/21 19:53	03/09/21 11:51	1
Bromoform	<310		340	310	ug/Kg	☼	03/04/21 19:53	03/09/21 11:51	1
Bromomethane	<230		340	230	ug/Kg	☼	03/04/21 19:53	03/09/21 11:51	1
Carbon disulfide	<150		340	150	ug/Kg	☼	03/04/21 19:53	03/09/21 11:51	1
Carbon tetrachloride	<140		340	140	ug/Kg	☼	03/04/21 19:53	03/09/21 11:51	1
Chlorobenzene	<48		340	48	ug/Kg	☼	03/04/21 19:53	03/09/21 11:51	1
Chloroethane	<200		340	200	ug/Kg	☼	03/04/21 19:53	03/09/21 11:51	1
Chloroform	<74		340	74	ug/Kg	☼	03/04/21 19:53	03/09/21 11:51	1
Chloromethane	<90		340	90	ug/Kg	☼	03/04/21 19:53	03/09/21 11:51	1
cis-1,2-Dichloroethene	**1300**		340	54	ug/Kg	☼	03/04/21 19:53	03/09/21 11:51	1
cis-1,3-Dichloropropene	<170		340	170	ug/Kg	☼	03/04/21 19:53	03/09/21 11:51	1
Dichlorobromomethane	<38		340	38	ug/Kg	☼	03/04/21 19:53	03/09/21 11:51	1
Dichlorodifluoromethane	<72		340	72	ug/Kg	☼	03/04/21 19:53	03/09/21 11:51	1
Ethylbenzene	**750**		340	64	ug/Kg	☼	03/04/21 19:53	03/09/21 11:51	1
Ethylene Dibromide	<110		340	110	ug/Kg	☼	03/04/21 19:53	03/09/21 11:51	1
Naphthalene	<160		340	160	ug/Kg	☼	03/04/21 19:53	03/09/21 11:51	1
Isopropylbenzene	<52		340	52	ug/Kg	☼	03/04/21 19:53	03/09/21 11:51	1
2-Butanone (MEK)	<210		1400	210	ug/Kg	☼	03/04/21 19:53	03/09/21 11:51	1
4-Methyl-2-pentanone (MIBK)	<320		1400	320	ug/Kg	☼	03/04/21 19:53	03/09/21 11:51	1
Methyl tert-butyl ether	<50		340	50	ug/Kg	☼	03/04/21 19:53	03/09/21 11:51	1
Methylene Chloride	<520		680	520	ug/Kg	☼	03/04/21 19:53	03/09/21 11:51	1
Styrene	<71		340	71	ug/Kg	☼	03/04/21 19:53	03/09/21 11:51	1
Tetrachloroethene	**470**		340	130	ug/Kg	☼	03/04/21 19:53	03/09/21 11:51	1
Toluene	**3900**		340	330	ug/Kg	☼	03/04/21 19:53	03/09/21 11:51	1
trans-1,2-Dichloroethene	<84		340	84	ug/Kg	☼	03/04/21 19:53	03/09/21 11:51	1
trans-1,3-Dichloropropene	<140		340	140	ug/Kg	☼	03/04/21 19:53	03/09/21 11:51	1
Trichloroethene	**720**		340	190	ug/Kg	☼	03/04/21 19:53	03/09/21 11:51	1
Trichlorofluoromethane	<190		340	190	ug/Kg	☼	03/04/21 19:53	03/09/21 11:51	1
Vinyl chloride	<170		340	170	ug/Kg	☼	03/04/21 19:53	03/09/21 11:51	1
Xylenes, Total	**4000**		680	120	ug/Kg	☼	03/04/21 19:53	03/09/21 11:51	1
Chlorodibromomethane	<160		340	160	ug/Kg	☼	03/04/21 19:53	03/09/21 11:51	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*118*		*47 - 136*	*03/04/21 19:53*	*03/09/21 11:51*	*1*
4-Bromofluorobenzene (Surr)	*107*		*51 - 124*	*03/04/21 19:53*	*03/09/21 11:51*	*1*

Client Sample Results

Client: TRC Environmental Corporation.
Project/Site: ABB 2019 \ 2020

Job ID: 240-145018-1

Client Sample ID: SB-43 (2-4)

Date Collected: 02/25/21 15:00
Date Received: 02/25/21 16:22

Lab Sample ID: 240-145018-58

Matrix: Solid
Percent Solids: 75.0

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Toluene-d8 (Surr)	*95*		*55 - 123*	*03/04/21 19:53*	*03/09/21 11:51*	*1*
Dibromofluoromethane (Surr)	*90*		*49 - 122*	*03/04/21 19:53*	*03/09/21 11:51*	*1*

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Solids	**75.0**		0.1	0.1	%			02/26/21 15:35	1
Percent Moisture	**25.0**		0.1	0.1	%			02/26/21 15:35	1

Client Sample Results

Client: TRC Environmental Corporation.
Project/Site: ABB 2019 \ 2020

Job ID: 240-145018-1

Client Sample ID: SB-43 (4-6)

Date Collected: 02/25/21 15:05
Date Received: 02/25/21 16:22

Lab Sample ID: 240-145018-59

Matrix: Solid
Percent Solids: 86.1

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	**22000**		840	260	ug/Kg	☼	03/04/21 19:53	03/10/21 14:47	3.333
1,1,2,2-Tetrachloroethane	<500		840	500	ug/Kg	☼	03/04/21 19:53	03/10/21 14:47	3.333
1,1,2-Trichloroethane	**220**	**J**	840	190	ug/Kg	☼	03/04/21 19:53	03/10/21 14:47	3.333
1,1-Dichloroethane	**5900**		840	160	ug/Kg	☼	03/04/21 19:53	03/10/21 14:47	3.333
1,1-Dichloroethene	**3300**		840	280	ug/Kg	☼	03/04/21 19:53	03/10/21 14:47	3.333
1,2,4-Trichlorobenzene	<450		840	450	ug/Kg	☼	03/04/21 19:53	03/10/21 14:47	3.333
1,2-Dibromo-3-Chloropropane	<740		1700	740	ug/Kg	☼	03/04/21 19:53	03/10/21 14:47	3.333
1,2-Dichlorobenzene	<400		840	400	ug/Kg	☼	03/04/21 19:53	03/10/21 14:47	3.333
1,2-Dichloroethane	<160		840	160	ug/Kg	☼	03/04/21 19:53	03/10/21 14:47	3.333
1,2-Dichloropropane	<120		840	120	ug/Kg	☼	03/04/21 19:53	03/10/21 14:47	3.333
1,3-Dichlorobenzene	<150		840	150	ug/Kg	☼	03/04/21 19:53	03/10/21 14:47	3.333
1,4-Dichlorobenzene	<180		840	180	ug/Kg	☼	03/04/21 19:53	03/10/21 14:47	3.333
1,4-Dioxane	<7800		42000	7800	ug/Kg	☼	03/04/21 19:53	03/10/21 14:47	3.333
2-Hexanone	<880		3400	880	ug/Kg	☼	03/04/21 19:53	03/10/21 14:47	3.333
Acetone	<820		3400	820	ug/Kg	☼	03/04/21 19:53	03/10/21 14:47	3.333
Benzene	<140		840	140	ug/Kg	☼	03/04/21 19:53	03/10/21 14:47	3.333
Bromoform	<770		840	770	ug/Kg	☼	03/04/21 19:53	03/10/21 14:47	3.333
Bromomethane	<560		840	560	ug/Kg	☼	03/04/21 19:53	03/10/21 14:47	3.333
Carbon disulfide	<360		840	360	ug/Kg	☼	03/04/21 19:53	03/10/21 14:47	3.333
Carbon tetrachloride	<340		840	340	ug/Kg	☼	03/04/21 19:53	03/10/21 14:47	3.333
Chlorobenzene	<120		840	120	ug/Kg	☼	03/04/21 19:53	03/10/21 14:47	3.333
Chloroethane	<500		840	500	ug/Kg	☼	03/04/21 19:53	03/10/21 14:47	3.333
Chloroform	<180		840	180	ug/Kg	☼	03/04/21 19:53	03/10/21 14:47	3.333
Chloromethane	<220		840	220	ug/Kg	☼	03/04/21 19:53	03/10/21 14:47	3.333
cis-1,2-Dichloroethene	**1400**		840	130	ug/Kg	☼	03/04/21 19:53	03/10/21 14:47	3.333
cis-1,3-Dichloropropene	<420		840	420	ug/Kg	☼	03/04/21 19:53	03/10/21 14:47	3.333
Dichlorobromomethane	<94		840	94	ug/Kg	☼	03/04/21 19:53	03/10/21 14:47	3.333
Dichlorodifluoromethane	<180		840	180	ug/Kg	☼	03/04/21 19:53	03/10/21 14:47	3.333
Ethylbenzene	**460**	**J**	840	160	ug/Kg	☼	03/04/21 19:53	03/10/21 14:47	3.333
Ethylene Dibromide	<270		840	270	ug/Kg	☼	03/04/21 19:53	03/10/21 14:47	3.333
Naphthalene	<400		840	400	ug/Kg	☼	03/04/21 19:53	03/10/21 14:47	3.333
Isopropylbenzene	<130		840	130	ug/Kg	☼	03/04/21 19:53	03/10/21 14:47	3.333
2-Butanone (MEK)	<530		3400	530	ug/Kg	☼	03/04/21 19:53	03/10/21 14:47	3.333
4-Methyl-2-pentanone (MIBK)	<800		3400	800	ug/Kg	☼	03/04/21 19:53	03/10/21 14:47	3.333
Methyl tert-butyl ether	<120		840	120	ug/Kg	☼	03/04/21 19:53	03/10/21 14:47	3.333
Methylene Chloride	<1300		1700	1300	ug/Kg	☼	03/04/21 19:53	03/10/21 14:47	3.333
Styrene	<170		840	170	ug/Kg	☼	03/04/21 19:53	03/10/21 14:47	3.333
Tetrachloroethene	**950**		840	330	ug/Kg	☼	03/04/21 19:53	03/10/21 14:47	3.333
Toluene	**2100**		840	810	ug/Kg	☼	03/04/21 19:53	03/10/21 14:47	3.333
trans-1,2-Dichloroethene	<210		840	210	ug/Kg	☼	03/04/21 19:53	03/10/21 14:47	3.333
trans-1,3-Dichloropropene	<350		840	350	ug/Kg	☼	03/04/21 19:53	03/10/21 14:47	3.333
Trichloroethene	**5900**		840	480	ug/Kg	☼	03/04/21 19:53	03/10/21 14:47	3.333
Trichlorofluoromethane	<460		840	460	ug/Kg	☼	03/04/21 19:53	03/10/21 14:47	3.333
Vinyl chloride	<410		840	410	ug/Kg	☼	03/04/21 19:53	03/10/21 14:47	3.333
Xylenes, Total	**1800**		1700	310	ug/Kg	☼	03/04/21 19:53	03/10/21 14:47	3.333
Chlorodibromomethane	<390		840	390	ug/Kg	☼	03/04/21 19:53	03/10/21 14:47	3.333

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*92*		*47 - 136*	*03/04/21 19:53*	*03/10/21 14:47*	*3.333*
4-Bromofluorobenzene (Surr)	*95*		*51 - 124*	*03/04/21 19:53*	*03/10/21 14:47*	*3.333*

Client Sample Results

Client: TRC Environmental Corporation.
Project/Site: ABB 2019 \ 2020

Job ID: 240-145018-1

Client Sample ID: SB-43 (4-6)

Date Collected: 02/25/21 15:05
Date Received: 02/25/21 16:22

Lab Sample ID: 240-145018-59

Matrix: Solid
Percent Solids: 86.1

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Toluene-d8 (Surr)	*91*		*55 - 123*	*03/04/21 19:53*	*03/10/21 14:47*	*3.333*
Dibromofluoromethane (Surr)	*93*		*49 - 122*	*03/04/21 19:53*	*03/10/21 14:47*	*3.333*

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Solids	**86.1**		0.1	0.1	%			02/26/21 15:35	1
Percent Moisture	**13.9**		0.1	0.1	%			02/26/21 15:35	1

Client Sample Results

Client: TRC Environmental Corporation.
Project/Site: ABB 2019 \ 2020

Job ID: 240-145018-1

Client Sample ID: SB-43 (6-8)

Date Collected: 02/25/21 15:10
Date Received: 02/25/21 16:22

Lab Sample ID: 240-145018-60

Matrix: Solid
Percent Solids: 94.2

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	**51000**		4800	1500	ug/Kg	☼	03/04/21 19:53	03/10/21 15:11	25
1,1,2,2-Tetrachloroethane	<2900		4800	2900	ug/Kg	☼	03/04/21 19:53	03/10/21 15:11	25
1,1,2-Trichloroethane	<1100		4800	1100	ug/Kg	☼	03/04/21 19:53	03/10/21 15:11	25
1,1-Dichloroethane	**140000**		4800	930	ug/Kg	☼	03/04/21 19:53	03/10/21 15:11	25
1,1-Dichloroethene	**2900**	**J**	4800	1600	ug/Kg	☼	03/04/21 19:53	03/10/21 15:11	25
1,2,4-Trichlorobenzene	<2600		4800	2600	ug/Kg	☼	03/04/21 19:53	03/10/21 15:11	25
1,2-Dibromo-3-Chloropropane	<4300		9700	4300	ug/Kg	☼	03/04/21 19:53	03/10/21 15:11	25
1,2-Dichlorobenzene	<2300		4800	2300	ug/Kg	☼	03/04/21 19:53	03/10/21 15:11	25
1,2-Dichloroethane	<910		4800	910	ug/Kg	☼	03/04/21 19:53	03/10/21 15:11	25
1,2-Dichloropropane	<720		4800	720	ug/Kg	☼	03/04/21 19:53	03/10/21 15:11	25
1,3-Dichlorobenzene	<890		4800	890	ug/Kg	☼	03/04/21 19:53	03/10/21 15:11	25
1,4-Dichlorobenzene	<1100		4800	1100	ug/Kg	☼	03/04/21 19:53	03/10/21 15:11	25
1,4-Dioxane	<45000		240000	45000	ug/Kg	☼	03/04/21 19:53	03/10/21 15:11	25
2-Hexanone	<5100		19000	5100	ug/Kg	☼	03/04/21 19:53	03/10/21 15:11	25
Acetone	<4700		19000	4700	ug/Kg	☼	03/04/21 19:53	03/10/21 15:11	25
Benzene	<810		4800	810	ug/Kg	☼	03/04/21 19:53	03/10/21 15:11	25
Bromoform	<4400		4800	4400	ug/Kg	☼	03/04/21 19:53	03/10/21 15:11	25
Bromomethane	<3200		4800	3200	ug/Kg	☼	03/04/21 19:53	03/10/21 15:11	25
Carbon disulfide	<2100		4800	2100	ug/Kg	☼	03/04/21 19:53	03/10/21 15:11	25
Carbon tetrachloride	<2000		4800	2000	ug/Kg	☼	03/04/21 19:53	03/10/21 15:11	25
Chlorobenzene	<680		4800	680	ug/Kg	☼	03/04/21 19:53	03/10/21 15:11	25
Chloroethane	<2900		4800	2900	ug/Kg	☼	03/04/21 19:53	03/10/21 15:11	25
Chloroform	<1000		4800	1000	ug/Kg	☼	03/04/21 19:53	03/10/21 15:11	25
Chloromethane	<1300		4800	1300	ug/Kg	☼	03/04/21 19:53	03/10/21 15:11	25
cis-1,2-Dichloroethene	<780		4800	780	ug/Kg	☼	03/04/21 19:53	03/10/21 15:11	25
cis-1,3-Dichloropropene	<2400		4800	2400	ug/Kg	☼	03/04/21 19:53	03/10/21 15:11	25
Dichlorobromomethane	<540		4800	540	ug/Kg	☼	03/04/21 19:53	03/10/21 15:11	25
Dichlorodifluoromethane	<1000		4800	1000	ug/Kg	☼	03/04/21 19:53	03/10/21 15:11	25
Ethylbenzene	**1600**	**J**	4800	910	ug/Kg	☼	03/04/21 19:53	03/10/21 15:11	25
Ethylene Dibromide	<1500		4800	1500	ug/Kg	☼	03/04/21 19:53	03/10/21 15:11	25
Naphthalene	<2300		4800	2300	ug/Kg	☼	03/04/21 19:53	03/10/21 15:11	25
Isopropylbenzene	<740		4800	740	ug/Kg	☼	03/04/21 19:53	03/10/21 15:11	25
2-Butanone (MEK)	<3000		19000	3000	ug/Kg	☼	03/04/21 19:53	03/10/21 15:11	25
4-Methyl-2-pentanone (MIBK)	<4600		19000	4600	ug/Kg	☼	03/04/21 19:53	03/10/21 15:11	25
Methyl tert-butyl ether	<720		4800	720	ug/Kg	☼	03/04/21 19:53	03/10/21 15:11	25
Methylene Chloride	<7400		9700	7400	ug/Kg	☼	03/04/21 19:53	03/10/21 15:11	25
Styrene	<1000		4800	1000	ug/Kg	☼	03/04/21 19:53	03/10/21 15:11	25
Tetrachloroethene	**71000**		4800	1900	ug/Kg	☼	03/04/21 19:53	03/10/21 15:11	25
Toluene	**67000**		4800	4700	ug/Kg	☼	03/04/21 19:53	03/10/21 15:11	25
trans-1,2-Dichloroethene	<1200		4800	1200	ug/Kg	☼	03/04/21 19:53	03/10/21 15:11	25
trans-1,3-Dichloropropene	<2000		4800	2000	ug/Kg	☼	03/04/21 19:53	03/10/21 15:11	25
Trichloroethene	<2800		4800	2800	ug/Kg	☼	03/04/21 19:53	03/10/21 15:11	25
Trichlorofluoromethane	<2700		4800	2700	ug/Kg	☼	03/04/21 19:53	03/10/21 15:11	25
Vinyl chloride	<2400		4800	2400	ug/Kg	☼	03/04/21 19:53	03/10/21 15:11	25
Xylenes, Total	**12000**		9700	1800	ug/Kg	☼	03/04/21 19:53	03/10/21 15:11	25
Chlorodibromomethane	<2300		4800	2300	ug/Kg	☼	03/04/21 19:53	03/10/21 15:11	25

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*123*		*47 - 136*	*03/04/21 19:53*	*03/10/21 15:11*	*25*
4-Bromofluorobenzene (Surr)	*154*	*S1+*	*51 - 124*	*03/04/21 19:53*	*03/10/21 15:11*	*25*

Client Sample Results

Client: TRC Environmental Corporation.
Project/Site: ABB 2019 \ 2020

Job ID: 240-145018-1

Client Sample ID: SB-43 (6-8)

Date Collected: 02/25/21 15:10
Date Received: 02/25/21 16:22

Lab Sample ID: 240-145018-60

Matrix: Solid
Percent Solids: 94.2

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Toluene-d8 (Surr)	*128*	*S1+*	*55 - 123*	*03/04/21 19:53*	*03/10/21 15:11*	*25*
Dibromofluoromethane (Surr)	*125*	*S1+*	*49 - 122*	*03/04/21 19:53*	*03/10/21 15:11*	*25*

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Solids	**94.2**		0.1	0.1	%			02/26/21 15:35	1
Percent Moisture	**5.8**		0.1	0.1	%			02/26/21 15:35	1

Client Sample Results

Client: TRC Environmental Corporation.
Project/Site: ABB 2019 \ 2020

Job ID: 240-145018-1

Client Sample ID: SB-43 (8-10)

Date Collected: 02/25/21 15:10
Date Received: 02/25/21 16:22

Lab Sample ID: 240-145018-61

Matrix: Solid
Percent Solids: 93.2

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	<750		2400	750	ug/Kg	☼	03/04/21 19:53	03/09/21 12:58	10
1,1,2,2-Tetrachloroethane	<1400		2400	1400	ug/Kg	☼	03/04/21 19:53	03/09/21 12:58	10
1,1,2-Trichloroethane	<550		2400	550	ug/Kg	☼	03/04/21 19:53	03/09/21 12:58	10
1,1-Dichloroethane	**96000**		2400	460	ug/Kg	☼	03/04/21 19:53	03/09/21 12:58	10
1,1-Dichloroethene	<790		2400	790	ug/Kg	☼	03/04/21 19:53	03/09/21 12:58	10
1,2,4-Trichlorobenzene	<1300		2400	1300	ug/Kg	☼	03/04/21 19:53	03/09/21 12:58	10
1,2-Dibromo-3-Chloropropane	<2100		4800	2100	ug/Kg	☼	03/04/21 19:53	03/09/21 12:58	10
1,2-Dichlorobenzene	<1200		2400	1200	ug/Kg	☼	03/04/21 19:53	03/09/21 12:58	10
1,2-Dichloroethane	<450		2400	450	ug/Kg	☼	03/04/21 19:53	03/09/21 12:58	10
1,2-Dichloropropane	<350		2400	350	ug/Kg	☼	03/04/21 19:53	03/09/21 12:58	10
1,3-Dichlorobenzene	<440		2400	440	ug/Kg	☼	03/04/21 19:53	03/09/21 12:58	10
1,4-Dichlorobenzene	<530		2400	530	ug/Kg	☼	03/04/21 19:53	03/09/21 12:58	10
1,4-Dioxane	<22000		120000	22000	ug/Kg	☼	03/04/21 19:53	03/09/21 12:58	10
2-Hexanone	<2500		9600	2500	ug/Kg	☼	03/04/21 19:53	03/09/21 12:58	10
Acetone	<2300		9600	2300	ug/Kg	☼	03/04/21 19:53	03/09/21 12:58	10
Benzene	<400		2400	400	ug/Kg	☼	03/04/21 19:53	03/09/21 12:58	10
Bromoform	<2200		2400	2200	ug/Kg	☼	03/04/21 19:53	03/09/21 12:58	10
Bromomethane	<1600		2400	1600	ug/Kg	☼	03/04/21 19:53	03/09/21 12:58	10
Carbon disulfide	<1000		2400	1000	ug/Kg	☼	03/04/21 19:53	03/09/21 12:58	10
Carbon tetrachloride	<980		2400	980	ug/Kg	☼	03/04/21 19:53	03/09/21 12:58	10
Chlorobenzene	<340		2400	340	ug/Kg	☼	03/04/21 19:53	03/09/21 12:58	10
Chloroethane	<1400		2400	1400	ug/Kg	☼	03/04/21 19:53	03/09/21 12:58	10
Chloroform	<520		2400	520	ug/Kg	☼	03/04/21 19:53	03/09/21 12:58	10
Chloromethane	<630		2400	630	ug/Kg	☼	03/04/21 19:53	03/09/21 12:58	10
cis-1,2-Dichloroethene	<380		2400	380	ug/Kg	☼	03/04/21 19:53	03/09/21 12:58	10
cis-1,3-Dichloropropene	<1200		2400	1200	ug/Kg	☼	03/04/21 19:53	03/09/21 12:58	10
Dichlorobromomethane	<270		2400	270	ug/Kg	☼	03/04/21 19:53	03/09/21 12:58	10
Dichlorodifluoromethane	<510		2400	510	ug/Kg	☼	03/04/21 19:53	03/09/21 12:58	10
Ethylbenzene	**480**	**J**	2400	450	ug/Kg	☼	03/04/21 19:53	03/09/21 12:58	10
Ethylene Dibromide	<760		2400	760	ug/Kg	☼	03/04/21 19:53	03/09/21 12:58	10
Naphthalene	<1100		2400	1100	ug/Kg	☼	03/04/21 19:53	03/09/21 12:58	10
Isopropylbenzene	<360		2400	360	ug/Kg	☼	03/04/21 19:53	03/09/21 12:58	10
2-Butanone (MEK)	<1500		9600	1500	ug/Kg	☼	03/04/21 19:53	03/09/21 12:58	10
4-Methyl-2-pentanone (MIBK)	<2300		9600	2300	ug/Kg	☼	03/04/21 19:53	03/09/21 12:58	10
Methyl tert-butyl ether	<350		2400	350	ug/Kg	☼	03/04/21 19:53	03/09/21 12:58	10
Methylene Chloride	<3700		4800	3700	ug/Kg	☼	03/04/21 19:53	03/09/21 12:58	10
Styrene	<500		2400	500	ug/Kg	☼	03/04/21 19:53	03/09/21 12:58	10
Tetrachloroethene	**24000**		2400	930	ug/Kg	☼	03/04/21 19:53	03/09/21 12:58	10
Toluene	**26000**		2400	2300	ug/Kg	☼	03/04/21 19:53	03/09/21 12:58	10
trans-1,2-Dichloroethene	<590		2400	590	ug/Kg	☼	03/04/21 19:53	03/09/21 12:58	10
trans-1,3-Dichloropropene	<1000		2400	1000	ug/Kg	☼	03/04/21 19:53	03/09/21 12:58	10
Trichloroethene	<1400		2400	1400	ug/Kg	☼	03/04/21 19:53	03/09/21 12:58	10
Trichlorofluoromethane	<1300		2400	1300	ug/Kg	☼	03/04/21 19:53	03/09/21 12:58	10
Vinyl chloride	<1200		2400	1200	ug/Kg	☼	03/04/21 19:53	03/09/21 12:58	10
Xylenes, Total	**3100**	**J**	4800	870	ug/Kg	☼	03/04/21 19:53	03/09/21 12:58	10
Chlorodibromomethane	<1100		2400	1100	ug/Kg	☼	03/04/21 19:53	03/09/21 12:58	10

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*115*		*47 - 136*	*03/04/21 19:53*	*03/09/21 12:58*	*10*
4-Bromofluorobenzene (Surr)	*69*		*51 - 124*	*03/04/21 19:53*	*03/09/21 12:58*	*10*

Client Sample Results

Client: TRC Environmental Corporation.
Project/Site: ABB 2019 \ 2020

Job ID: 240-145018-1

Client Sample ID: SB-43 (8-10)

Date Collected: 02/25/21 15:10
Date Received: 02/25/21 16:22

Lab Sample ID: 240-145018-61

Matrix: Solid
Percent Solids: 93.2

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Toluene-d8 (Surr)	*93*		*55 - 123*	*03/04/21 19:53*	*03/09/21 12:58*	*10*
Dibromofluoromethane (Surr)	*108*		*49 - 122*	*03/04/21 19:53*	*03/09/21 12:58*	*10*

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Solids	**93.2**		0.1	0.1	%			02/26/21 15:35	1
Percent Moisture	**6.8**		0.1	0.1	%			02/26/21 15:35	1

Client Sample Results

Client: TRC Environmental Corporation.
Project/Site: ABB 2019 \ 2020

Job ID: 240-145018-1

Client Sample ID: DUP-02

Date Collected: 02/25/21 00:00
Date Received: 02/25/21 16:22

Lab Sample ID: 240-145018-62

Matrix: Solid
Percent Solids: 93.3

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	**3200**		2300	730	ug/Kg	☼	03/04/21 19:53	03/09/21 13:20	10
1,1,2,2-Tetrachloroethane	<1400		2300	1400	ug/Kg	☼	03/04/21 19:53	03/09/21 13:20	10
1,1,2-Trichloroethane	<540		2300	540	ug/Kg	☼	03/04/21 19:53	03/09/21 13:20	10
1,1-Dichloroethane	**89000**		2300	450	ug/Kg	☼	03/04/21 19:53	03/09/21 13:20	10
1,1-Dichloroethene	<770		2300	770	ug/Kg	☼	03/04/21 19:53	03/09/21 13:20	10
1,2,4-Trichlorobenzene	<1300		2300	1300	ug/Kg	☼	03/04/21 19:53	03/09/21 13:20	10
1,2-Dibromo-3-Chloropropane	<2100		4700	2100	ug/Kg	☼	03/04/21 19:53	03/09/21 13:20	10
1,2-Dichlorobenzene	<1100		2300	1100	ug/Kg	☼	03/04/21 19:53	03/09/21 13:20	10
1,2-Dichloroethane	<440		2300	440	ug/Kg	☼	03/04/21 19:53	03/09/21 13:20	10
1,2-Dichloropropane	<350		2300	350	ug/Kg	☼	03/04/21 19:53	03/09/21 13:20	10
1,3-Dichlorobenzene	<430		2300	430	ug/Kg	☼	03/04/21 19:53	03/09/21 13:20	10
1,4-Dichlorobenzene	<520		2300	520	ug/Kg	☼	03/04/21 19:53	03/09/21 13:20	10
1,4-Dioxane	<22000		120000	22000	ug/Kg	☼	03/04/21 19:53	03/09/21 13:20	10
2-Hexanone	<2500		9400	2500	ug/Kg	☼	03/04/21 19:53	03/09/21 13:20	10
Acetone	<2300		9400	2300	ug/Kg	☼	03/04/21 19:53	03/09/21 13:20	10
Benzene	<390		2300	390	ug/Kg	☼	03/04/21 19:53	03/09/21 13:20	10
Bromoform	<2100		2300	2100	ug/Kg	☼	03/04/21 19:53	03/09/21 13:20	10
Bromomethane	<1600		2300	1600	ug/Kg	☼	03/04/21 19:53	03/09/21 13:20	10
Carbon disulfide	<1000		2300	1000	ug/Kg	☼	03/04/21 19:53	03/09/21 13:20	10
Carbon tetrachloride	<960		2300	960	ug/Kg	☼	03/04/21 19:53	03/09/21 13:20	10
Chlorobenzene	<330		2300	330	ug/Kg	☼	03/04/21 19:53	03/09/21 13:20	10
Chloroethane	<1400		2300	1400	ug/Kg	☼	03/04/21 19:53	03/09/21 13:20	10
Chloroform	<510		2300	510	ug/Kg	☼	03/04/21 19:53	03/09/21 13:20	10
Chloromethane	<620		2300	620	ug/Kg	☼	03/04/21 19:53	03/09/21 13:20	10
cis-1,2-Dichloroethene	<380		2300	380	ug/Kg	☼	03/04/21 19:53	03/09/21 13:20	10
cis-1,3-Dichloropropene	<1200		2300	1200	ug/Kg	☼	03/04/21 19:53	03/09/21 13:20	10
Dichlorobromomethane	<260		2300	260	ug/Kg	☼	03/04/21 19:53	03/09/21 13:20	10
Dichlorodifluoromethane	<500		2300	500	ug/Kg	☼	03/04/21 19:53	03/09/21 13:20	10
Ethylbenzene	**650**	**J**	2300	440	ug/Kg	☼	03/04/21 19:53	03/09/21 13:20	10
Ethylene Dibromide	<740		2300	740	ug/Kg	☼	03/04/21 19:53	03/09/21 13:20	10
Naphthalene	<1100		2300	1100	ug/Kg	☼	03/04/21 19:53	03/09/21 13:20	10
Isopropylbenzene	<360		2300	360	ug/Kg	☼	03/04/21 19:53	03/09/21 13:20	10
2-Butanone (MEK)	<1500		9400	1500	ug/Kg	☼	03/04/21 19:53	03/09/21 13:20	10
4-Methyl-2-pentanone (MIBK)	<2200		9400	2200	ug/Kg	☼	03/04/21 19:53	03/09/21 13:20	10
Methyl tert-butyl ether	<350		2300	350	ug/Kg	☼	03/04/21 19:53	03/09/21 13:20	10
Methylene Chloride	<3600		4700	3600	ug/Kg	☼	03/04/21 19:53	03/09/21 13:20	10
Styrene	<490		2300	490	ug/Kg	☼	03/04/21 19:53	03/09/21 13:20	10
Tetrachloroethene	**12000**		2300	910	ug/Kg	☼	03/04/21 19:53	03/09/21 13:20	10
Toluene	**29000**		2300	2300	ug/Kg	☼	03/04/21 19:53	03/09/21 13:20	10
trans-1,2-Dichloroethene	<580		2300	580	ug/Kg	☼	03/04/21 19:53	03/09/21 13:20	10
trans-1,3-Dichloropropene	<990		2300	990	ug/Kg	☼	03/04/21 19:53	03/09/21 13:20	10
Trichloroethene	<1300		2300	1300	ug/Kg	☼	03/04/21 19:53	03/09/21 13:20	10
Trichlorofluoromethane	<1300		2300	1300	ug/Kg	☼	03/04/21 19:53	03/09/21 13:20	10
Vinyl chloride	<1200		2300	1200	ug/Kg	☼	03/04/21 19:53	03/09/21 13:20	10
Xylenes, Total	**3500**	**J**	4700	860	ug/Kg	☼	03/04/21 19:53	03/09/21 13:20	10
Chlorodibromomethane	<1100		2300	1100	ug/Kg	☼	03/04/21 19:53	03/09/21 13:20	10

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*102*		*47 - 136*	*03/04/21 19:53*	*03/09/21 13:20*	*10*
4-Bromofluorobenzene (Surr)	*86*		*51 - 124*	*03/04/21 19:53*	*03/09/21 13:20*	*10*

Client Sample Results

Client: TRC Environmental Corporation.
Project/Site: ABB 2019 \ 2020

Job ID: 240-145018-1

Client Sample ID: DUP-02

Date Collected: 02/25/21 00:00
Date Received: 02/25/21 16:22

Lab Sample ID: 240-145018-62

Matrix: Solid
Percent Solids: 93.3

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Toluene-d8 (Surr)	*95*		*55 - 123*	*03/04/21 19:53*	*03/09/21 13:20*	*10*
Dibromofluoromethane (Surr)	*92*		*49 - 122*	*03/04/21 19:53*	*03/09/21 13:20*	*10*

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Solids	**93.3**		0.1	0.1	%			02/26/21 15:35	1
Percent Moisture	**6.7**		0.1	0.1	%			02/26/21 15:35	1

Surrogate Summary

Client: TRC Environmental Corporation.
Project/Site: ABB 2019 \ 2020

Job ID: 240-145018-1

Method: 8260B - Volatile Organic Compounds (GC/MS)

Matrix: Solid **Prep Type: Total/NA**

		Percent Surrogate Recovery (Acceptance Limits)			
		DCA	BFB	TOL	DBFM
Lab Sample ID	Client Sample ID	(47-136)	(51-124)	(55-123)	(49-122)
240-145018-1	SB-52 (0-2)	121	88	91	92
240-145018-3	SB-52 (4-6)	118	79	91	91
240-145018-7	SB-48 (4-6)	114	82	87	91
240-145018-10	SB-41 (0-2)	108	75	81	84
240-145018-11	SB-41 (2-4)	110	74	80	82
240-145018-12	SB-41 (4-6)	111	77	83	82
240-145018-14	SB-38 (0-2)	127	107	94	97
240-145018-22	WCA02-02	127	94	112	117
240-145018-25	SB-36 (0-2)	114	109	108	105
240-145018-26	SB-36 (2-4)	102	97	97	90
240-145018-27	SB-36 (4-6)	82	84	85	75
240-145018-29	SB-53(0-2)	102	94	100	88
240-145018-31	SB-53(4-6)	97	92	97	83
240-145018-33	WCA02-02(0-2)	104	115	109	87
240-145018-34	WCA02-02(6-8)	109	106	112	100
240-145018-36	SB-40 (0-2)	123	94	92	94
240-145018-50	SB-50 (2-4)	114	91	89	86
240-145018-51	SB-50 (4-6)	122	92	93	95
240-145018-53	SB-42 (0-2)	126	106	94	96
240-145018-54	SB-42 (2-4)	109	113	85	82
240-145018-55	SB-42 (4-6)	123	158 S1+	124 S1+	118
240-145018-58	SB-43 (2-4)	118	107	95	90
240-145018-59	SB-43 (4-6)	92	95	91	93
240-145018-60	SB-43 (6-8)	123	154 S1+	128 S1+	125 S1+
240-145018-61	SB-43 (8-10)	115	69	93	108
240-145018-62	DUP-02	102	86	95	92
LCS 240-475357/2-A	Lab Control Sample	87	101	98	85
LCS 240-475358/2-A	Lab Control Sample	85	96	93	85
LCS 240-475541/2-A	Lab Control Sample	104	102	90	84
MB 240-475357/1-A	Method Blank	97	96	97	82
MB 240-475358/1-A	Method Blank	94	91	94	80
MB 240-475541/1-A	Method Blank	106	82	80	81

Surrogate Legend

DCA = 1,2-Dichloroethane-d4 (Surr)
BFB = 4-Bromofluorobenzene (Surr)
TOL = Toluene-d8 (Surr)
DBFM = Dibromofluoromethane (Surr)

Method: 8260B - Volatile Organic Compounds (GC/MS)

Matrix: Solid **Prep Type: Total/NA**

		Percent Surrogate Recovery (Acceptance Limits)			
		BFB	DBFM	DCA	TOL
Lab Sample ID	Client Sample ID	(51-127)	(56-122)	(59-120)	(64-124)
240-145018-2	SB-52 (2-4)	112	93	99	107
240-145018-5	SB-48 (0-2)	119	93	97	108
240-145018-6	SB-48 (2-4)	109	91	98	103
240-145018-15	SB-38 (2-4)	112	91	98	105
240-145018-16	SB-38 (4-6)	109	95	104	105

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Matrix: Solid **Prep Type: Total/NA**

		Percent Surrogate Recovery (Acceptance Limits)			
		BFB	DBFM	DCA	TOL
Lab Sample ID	Client Sample ID	(51-127)	(56-122)	(59-120)	(64-124)
240-145018-18	SB-39 (0-2)	108	89	97	105
240-145018-19	SB-39 (2-4)	71	81	110	76
240-145018-20	SB-39 (4-6)	73	82	113	75
240-145018-21	WCA02-01	73	84	108	77
240-145018-30	SB-53(2-4)	74	85	113	76
240-145018-32	DUPLICATE_01	74	85	109	76
240-145018-36	SB-40 (0-2)	65	81	98	82
240-145018-37	SB-40 (2-4)	73	85	111	76
240-145018-38	SB-40 (4-6)	75	88	115	77
240-145018-40	SB-46 (0-2)	108	90	99	103
240-145018-41	SB-46 (2-4)	105	91	100	102
240-145018-42	SB-46 (4-6)	109	94	102	104
240-145018-44	SB-47 (0-2)	114	89	109	105
240-145018-45	SB-47 (2-4)	108	95	102	107
240-145018-46	SB-47 (4-6)	110	97	103	107
240-145018-47	WCA04-01	109	97	105	105
240-145018-49	SB-50 (0-2)	79	79	101	76
240-145018-57	SB-43 (0-2)	91	87	86	92
LCS 240-475633/5	Lab Control Sample	107	91	91	106
LCS 240-475720/6	Lab Control Sample	93	80	97	86
LCS 240-475851/5	Lab Control Sample	110	94	91	105
LCS 240-475973/6	Lab Control Sample	89	79	94	85
LCS 240-476041/5	Lab Control Sample	108	93	91	106
LCS 240-476239/5	Lab Control Sample	91	87	80	93
MB 240-475551/1-A	Method Blank	77	81	101	79
MB 240-475551/3-A	Method Blank	75	76	98	74
MB 240-475633/6	Method Blank	106	94	96	105
MB 240-475851/6	Method Blank	107	97	99	105
MB 240-476041/6	Method Blank	108	97	99	106
MB 240-476239/6	Method Blank	90	84	81	92

Surrogate Legend

BFB = 4-Bromofluorobenzene (Surr)
DBFM = Dibromofluoromethane (Surr)
DCA = 1,2-Dichloroethane-d4 (Surr)
TOL = Toluene-d8 (Surr)

Method: 8260B - Volatile Organic Compounds (GC/MS)

Matrix: Solid **Prep Type: Total/NA**

		Percent Surrogate Recovery (Acceptance Limits)			
		BFB	DCA	TOL	DBFM
Lab Sample ID	Client Sample ID	(77-120)	(74-124)	(80-120)	(80-120)
LCS 240-475828/10	Lab Control Sample	101	91	91	93

Surrogate Legend

BFB = 4-Bromofluorobenzene (Surr)
DCA = 1,2-Dichloroethane-d4 (Surr)
TOL = Toluene-d8 (Surr)
DBFM = Dibromofluoromethane (Surr)

Surrogate Summary

Client: TRC Environmental Corporation.
Project/Site: ABB 2019 \ 2020

Job ID: 240-145018-1

Method: 8260B - Volatile Organic Compounds (GC/MS)

Matrix: Solid **Prep Type: TCLP**

		Percent Surrogate Recovery (Acceptance Limits)			
		DCA	BFB	TOL	DBFM
Lab Sample ID	**Client Sample ID**	**(74-124)**	**(77-120)**	**(80-120)**	**(80-120)**
240-145018-21	WCA02-01	102	104	92	108
240-145018-22	WCA02-02	100	101	91	102
240-145018-47	WCA04-01	103	100	89	109
LB 240-475711/1-A MB	Method Blank	102	101	90	107

Surrogate Legend

DCA = 1,2-Dichloroethane-d4 (Surr)
BFB = 4-Bromofluorobenzene (Surr)
TOL = Toluene-d8 (Surr)
DBFM = Dibromofluoromethane (Surr)

Method: 8260B - Volatile Organic Compounds (GC/MS)

Lab Sample ID: MB 240-475357/1-A
Matrix: Solid
Analysis Batch: 475633

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 475357

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2-Dibromo-3-Chloropropane	<220		500	220	ug/Kg		03/03/21 21:54	03/05/21 14:06	1
Acetone	246	J	1000	240	ug/Kg		03/03/21 21:54	03/05/21 14:06	1
1,2-Dichlorobenzene	<120		250	120	ug/Kg		03/03/21 21:54	03/05/21 14:06	1
Benzene	<42		250	42	ug/Kg		03/03/21 21:54	03/05/21 14:06	1
1,3-Dichlorobenzene	<46		250	46	ug/Kg		03/03/21 21:54	03/05/21 14:06	1
Bromoform	<230		250	230	ug/Kg		03/03/21 21:54	03/05/21 14:06	1
1,4-Dichlorobenzene	<55		250	55	ug/Kg		03/03/21 21:54	03/05/21 14:06	1
Bromomethane	<170		250	170	ug/Kg		03/03/21 21:54	03/05/21 14:06	1
Carbon disulfide	<110		250	110	ug/Kg		03/03/21 21:54	03/05/21 14:06	1
Carbon tetrachloride	<100		250	100	ug/Kg		03/03/21 21:54	03/05/21 14:06	1
1,1-Dichloroethane	<48		250	48	ug/Kg		03/03/21 21:54	03/05/21 14:06	1
Chlorobenzene	<35		250	35	ug/Kg		03/03/21 21:54	03/05/21 14:06	1
1,2-Dichloroethane	<47		250	47	ug/Kg		03/03/21 21:54	03/05/21 14:06	1
Chloroethane	<150		250	150	ug/Kg		03/03/21 21:54	03/05/21 14:06	1
Chloroform	<54		250	54	ug/Kg		03/03/21 21:54	03/05/21 14:06	1
1,1-Dichloroethene	<82		250	82	ug/Kg		03/03/21 21:54	03/05/21 14:06	1
Chloromethane	<66		250	66	ug/Kg		03/03/21 21:54	03/05/21 14:06	1
1,2-Dichloropropane	<37		250	37	ug/Kg		03/03/21 21:54	03/05/21 14:06	1
cis-1,2-Dichloroethene	<40		250	40	ug/Kg		03/03/21 21:54	03/05/21 14:06	1
1,4-Dioxane	<2300		13000	2300	ug/Kg		03/03/21 21:54	03/05/21 14:06	1
cis-1,3-Dichloropropene	<120		250	120	ug/Kg		03/03/21 21:54	03/05/21 14:06	1
Dichlorobromomethane	<28		250	28	ug/Kg		03/03/21 21:54	03/05/21 14:06	1
Dichlorodifluoromethane	<53		250	53	ug/Kg		03/03/21 21:54	03/05/21 14:06	1
2-Hexanone	<260		1000	260	ug/Kg		03/03/21 21:54	03/05/21 14:06	1
Ethylbenzene	<47		250	47	ug/Kg		03/03/21 21:54	03/05/21 14:06	1
Ethylene Dibromide	<79		250	79	ug/Kg		03/03/21 21:54	03/05/21 14:06	1
Isopropylbenzene	<38		250	38	ug/Kg		03/03/21 21:54	03/05/21 14:06	1
2-Butanone (MEK)	<160		1000	160	ug/Kg		03/03/21 21:54	03/05/21 14:06	1
4-Methyl-2-pentanone (MIBK)	<240		1000	240	ug/Kg		03/03/21 21:54	03/05/21 14:06	1
Methyl tert-butyl ether	<37		250	37	ug/Kg		03/03/21 21:54	03/05/21 14:06	1
1,1,2,2-Tetrachloroethane	<150		250	150	ug/Kg		03/03/21 21:54	03/05/21 14:06	1
Methylene Chloride	<380		500	380	ug/Kg		03/03/21 21:54	03/05/21 14:06	1
Styrene	<52		250	52	ug/Kg		03/03/21 21:54	03/05/21 14:06	1
Tetrachloroethene	<97		250	97	ug/Kg		03/03/21 21:54	03/05/21 14:06	1
Toluene	<240		250	240	ug/Kg		03/03/21 21:54	03/05/21 14:06	1
1,2,4-Trichlorobenzene	<130		250	130	ug/Kg		03/03/21 21:54	03/05/21 14:06	1
trans-1,2-Dichloroethene	<62		250	62	ug/Kg		03/03/21 21:54	03/05/21 14:06	1
1,1,1-Trichloroethane	<78		250	78	ug/Kg		03/03/21 21:54	03/05/21 14:06	1
trans-1,3-Dichloropropene	<110		250	110	ug/Kg		03/03/21 21:54	03/05/21 14:06	1
1,1,2-Trichloroethane	<57		250	57	ug/Kg		03/03/21 21:54	03/05/21 14:06	1
Trichloroethene	<140		250	140	ug/Kg		03/03/21 21:54	03/05/21 14:06	1
Trichlorofluoromethane	<140		250	140	ug/Kg		03/03/21 21:54	03/05/21 14:06	1
Vinyl chloride	<120		250	120	ug/Kg		03/03/21 21:54	03/05/21 14:06	1
Xylenes, Total	<91		500	91	ug/Kg		03/03/21 21:54	03/05/21 14:06	1
Chlorodibromomethane	<120		250	120	ug/Kg		03/03/21 21:54	03/05/21 14:06	1
Naphthalene	<120		250	120	ug/Kg		03/03/21 21:54	03/05/21 14:06	1

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: MB 240-475357/1-A
Matrix: Solid
Analysis Batch: 475633

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 475357

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	96		51 - 124	03/03/21 21:54	03/05/21 14:06	1
1,2-Dichloroethane-d4 (Surr)	97		47 - 136	03/03/21 21:54	03/05/21 14:06	1
Toluene-d8 (Surr)	97		55 - 123	03/03/21 21:54	03/05/21 14:06	1
Dibromofluoromethane (Surr)	82		49 - 122	03/03/21 21:54	03/05/21 14:06	1

Lab Sample ID: LCS 240-475357/2-A
Matrix: Solid
Analysis Batch: 475633

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 475357

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
1,2-Dibromo-3-Chloropropane	1000	906		ug/Kg		91	35 - 137
Acetone	2000	2320		ug/Kg		116	47 - 157
1,2-Dichlorobenzene	1000	1060		ug/Kg		106	74 - 120
Benzene	1000	1050		ug/Kg		105	75 - 120
1,3-Dichlorobenzene	1000	1060		ug/Kg		106	74 - 120
Bromoform	1000	771		ug/Kg		77	44 - 131
1,4-Dichlorobenzene	1000	1060		ug/Kg		106	74 - 120
Bromomethane	1000	951		ug/Kg		95	10 - 158
Carbon disulfide	1000	736		ug/Kg		74	33 - 144
Carbon tetrachloride	1000	842		ug/Kg		84	54 - 130
1,1-Dichloroethane	1000	976		ug/Kg		98	69 - 120
Chlorobenzene	1000	1040		ug/Kg		104	79 - 120
1,2-Dichloroethane	1000	1060		ug/Kg		106	66 - 120
Chloroethane	1000	321		ug/Kg		32	10 - 159
Chloroform	1000	996		ug/Kg		100	74 - 120
1,1-Dichloroethene	1000	1020		ug/Kg		102	48 - 140
Chloromethane	1000	874		ug/Kg		87	40 - 127
1,2-Dichloropropane	1000	1120		ug/Kg		112	77 - 120
cis-1,2-Dichloroethene	1000	1050		ug/Kg		105	76 - 120
1,4-Dioxane	20000	24900		ug/Kg		125	44 - 154
cis-1,3-Dichloropropene	1000	1030		ug/Kg		103	62 - 124
Dichlorobromomethane	1000	976		ug/Kg		98	63 - 121
Dichlorodifluoromethane	1000	576		ug/Kg		58	18 - 137
2-Hexanone	2000	2500		ug/Kg		125	54 - 135
Ethylbenzene	1000	1100		ug/Kg		110	75 - 120
Ethylene Dibromide	1000	1070		ug/Kg		107	73 - 126
Isopropylbenzene	1000	1180		ug/Kg		118	74 - 120
2-Butanone (MEK)	2000	2340		ug/Kg		117	61 - 131
m-Xylene & p-Xylene	1000	1080		ug/Kg		108	76 - 120
4-Methyl-2-pentanone (MIBK)	2000	2490		ug/Kg		124	56 - 124
Methyl tert-butyl ether	1000	1280	*+	ug/Kg		128	66 - 120
1,1,2,2-Tetrachloroethane	1000	1140		ug/Kg		114	61 - 134
Methylene Chloride	1000	828		ug/Kg		83	48 - 142
o-Xylene	1000	1120		ug/Kg		112	76 - 120
Styrene	1000	1050		ug/Kg		105	70 - 120
Tetrachloroethene	1000	1030		ug/Kg		103	75 - 124
Toluene	1000	1110		ug/Kg		111	76 - 120
1,2,4-Trichlorobenzene	1000	1170		ug/Kg		117	56 - 120

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: LCS 240-475357/2-A
Matrix: Solid
Analysis Batch: 475633

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 475357

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
trans-1,2-Dichloroethene	1000	1030		ug/Kg		103	74 - 125
1,1,1-Trichloroethane	1000	1050		ug/Kg		105	60 - 126
trans-1,3-Dichloropropene	1000	1030		ug/Kg		103	58 - 120
1,1,2-Trichloroethane	1000	1170		ug/Kg		117	78 - 120
Trichloroethene	1000	1000		ug/Kg		100	75 - 123
Trichlorofluoromethane	1000	774		ug/Kg		77	33 - 152
Vinyl chloride	1000	916		ug/Kg		92	39 - 140
Xylenes, Total	2000	2200		ug/Kg		110	77 - 120
Chlorodibromomethane	1000	846		ug/Kg		85	60 - 121
Naphthalene	1000	1220		ug/Kg		122	43 - 127

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
4-Bromofluorobenzene (Surr)	*101*		*51 - 124*
1,2-Dichloroethane-d4 (Surr)	*87*		*47 - 136*
Toluene-d8 (Surr)	*98*		*55 - 123*
Dibromofluoromethane (Surr)	*85*		*49 - 122*

Lab Sample ID: MB 240-475358/1-A
Matrix: Solid
Analysis Batch: 475851

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 475358

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2-Dibromo-3-Chloropropane	<220		500	220	ug/Kg		03/03/21 22:19	03/08/21 16:27	1
Acetone	<240		1000	240	ug/Kg		03/03/21 22:19	03/08/21 16:27	1
1,2-Dichlorobenzene	<120		250	120	ug/Kg		03/03/21 22:19	03/08/21 16:27	1
Benzene	<42		250	42	ug/Kg		03/03/21 22:19	03/08/21 16:27	1
1,3-Dichlorobenzene	<46		250	46	ug/Kg		03/03/21 22:19	03/08/21 16:27	1
Bromoform	<230		250	230	ug/Kg		03/03/21 22:19	03/08/21 16:27	1
1,4-Dichlorobenzene	<55		250	55	ug/Kg		03/03/21 22:19	03/08/21 16:27	1
Bromomethane	<170		250	170	ug/Kg		03/03/21 22:19	03/08/21 16:27	1
Carbon disulfide	<110		250	110	ug/Kg		03/03/21 22:19	03/08/21 16:27	1
Carbon tetrachloride	<100		250	100	ug/Kg		03/03/21 22:19	03/08/21 16:27	1
1,1-Dichloroethane	<48		250	48	ug/Kg		03/03/21 22:19	03/08/21 16:27	1
Chlorobenzene	<35		250	35	ug/Kg		03/03/21 22:19	03/08/21 16:27	1
1,2-Dichloroethane	<47		250	47	ug/Kg		03/03/21 22:19	03/08/21 16:27	1
Chloroethane	<150		250	150	ug/Kg		03/03/21 22:19	03/08/21 16:27	1
Chloroform	<54		250	54	ug/Kg		03/03/21 22:19	03/08/21 16:27	1
1,1-Dichloroethene	<82		250	82	ug/Kg		03/03/21 22:19	03/08/21 16:27	1
Chloromethane	<66		250	66	ug/Kg		03/03/21 22:19	03/08/21 16:27	1
1,2-Dichloropropane	<37		250	37	ug/Kg		03/03/21 22:19	03/08/21 16:27	1
cis-1,2-Dichloroethene	<40		250	40	ug/Kg		03/03/21 22:19	03/08/21 16:27	1
1,4-Dioxane	<2300		13000	2300	ug/Kg		03/03/21 22:19	03/08/21 16:27	1
cis-1,3-Dichloropropene	<120		250	120	ug/Kg		03/03/21 22:19	03/08/21 16:27	1
Dichlorobromomethane	<28		250	28	ug/Kg		03/03/21 22:19	03/08/21 16:27	1
Dichlorodifluoromethane	<53		250	53	ug/Kg		03/03/21 22:19	03/08/21 16:27	1
2-Hexanone	<260		1000	260	ug/Kg		03/03/21 22:19	03/08/21 16:27	1
Ethylbenzene	<47		250	47	ug/Kg		03/03/21 22:19	03/08/21 16:27	1
Ethylene Dibromide	<79		250	79	ug/Kg		03/03/21 22:19	03/08/21 16:27	1

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: MB 240-475358/1-A
Matrix: Solid
Analysis Batch: 475851

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 475358

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Isopropylbenzene	<38		250	38	ug/Kg		03/03/21 22:19	03/08/21 16:27	1
2-Butanone (MEK)	<160		1000	160	ug/Kg		03/03/21 22:19	03/08/21 16:27	1
4-Methyl-2-pentanone (MIBK)	<240		1000	240	ug/Kg		03/03/21 22:19	03/08/21 16:27	1
Methyl tert-butyl ether	<37		250	37	ug/Kg		03/03/21 22:19	03/08/21 16:27	1
1,1,2,2-Tetrachloroethane	<150		250	150	ug/Kg		03/03/21 22:19	03/08/21 16:27	1
Methylene Chloride	<380		500	380	ug/Kg		03/03/21 22:19	03/08/21 16:27	1
Styrene	<52		250	52	ug/Kg		03/03/21 22:19	03/08/21 16:27	1
Tetrachloroethene	<97		250	97	ug/Kg		03/03/21 22:19	03/08/21 16:27	1
Toluene	<240		250	240	ug/Kg		03/03/21 22:19	03/08/21 16:27	1
1,2,4-Trichlorobenzene	<130		250	130	ug/Kg		03/03/21 22:19	03/08/21 16:27	1
trans-1,2-Dichloroethene	<62		250	62	ug/Kg		03/03/21 22:19	03/08/21 16:27	1
1,1,1-Trichloroethane	<78		250	78	ug/Kg		03/03/21 22:19	03/08/21 16:27	1
trans-1,3-Dichloropropene	<110		250	110	ug/Kg		03/03/21 22:19	03/08/21 16:27	1
1,1,2-Trichloroethane	<57		250	57	ug/Kg		03/03/21 22:19	03/08/21 16:27	1
Trichloroethene	<140		250	140	ug/Kg		03/03/21 22:19	03/08/21 16:27	1
Trichlorofluoromethane	<140		250	140	ug/Kg		03/03/21 22:19	03/08/21 16:27	1
Vinyl chloride	<120		250	120	ug/Kg		03/03/21 22:19	03/08/21 16:27	1
Xylenes, Total	<91		500	91	ug/Kg		03/03/21 22:19	03/08/21 16:27	1
Chlorodibromomethane	<120		250	120	ug/Kg		03/03/21 22:19	03/08/21 16:27	1
Naphthalene	<120		250	120	ug/Kg		03/03/21 22:19	03/08/21 16:27	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*91*		*51 - 124*	*03/03/21 22:19*	*03/08/21 16:27*	*1*
1,2-Dichloroethane-d4 (Surr)	*94*		*47 - 136*	*03/03/21 22:19*	*03/08/21 16:27*	*1*
Toluene-d8 (Surr)	*94*		*55 - 123*	*03/03/21 22:19*	*03/08/21 16:27*	*1*
Dibromofluoromethane (Surr)	*80*		*49 - 122*	*03/03/21 22:19*	*03/08/21 16:27*	*1*

Lab Sample ID: LCS 240-475358/2-A
Matrix: Solid
Analysis Batch: 475851

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 475358

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
1,2-Dibromo-3-Chloropropane	1000	839		ug/Kg		84	35 - 137
Acetone	2000	2210		ug/Kg		111	47 - 157
1,2-Dichlorobenzene	1000	1010		ug/Kg		101	74 - 120
Benzene	1000	988		ug/Kg		99	75 - 120
1,3-Dichlorobenzene	1000	1030		ug/Kg		103	74 - 120
Bromoform	1000	699		ug/Kg		70	44 - 131
1,4-Dichlorobenzene	1000	993		ug/Kg		99	74 - 120
Bromomethane	1000	936		ug/Kg		94	10 - 158
Carbon disulfide	1000	564		ug/Kg		56	33 - 144
Carbon tetrachloride	1000	790		ug/Kg		79	54 - 130
1,1-Dichloroethane	1000	980		ug/Kg		98	69 - 120
Chlorobenzene	1000	974		ug/Kg		97	79 - 120
1,2-Dichloroethane	1000	1010		ug/Kg		101	66 - 120
Chloroethane	1000	317		ug/Kg		32	10 - 159
Chloroform	1000	983		ug/Kg		98	74 - 120
1,1-Dichloroethene	1000	958		ug/Kg		96	48 - 140

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: LCS 240-475358/2-A
Matrix: Solid
Analysis Batch: 475851

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 475358

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Chloromethane	1000	751		ug/Kg		75	40 - 127
1,2-Dichloropropane	1000	1070		ug/Kg		107	77 - 120
cis-1,2-Dichloroethene	1000	982		ug/Kg		98	76 - 120
1,4-Dioxane	20000	22900		ug/Kg		114	44 - 154
cis-1,3-Dichloropropene	1000	979		ug/Kg		98	62 - 124
Dichlorobromomethane	1000	914		ug/Kg		91	63 - 121
Dichlorodifluoromethane	1000	465		ug/Kg		47	18 - 137
2-Hexanone	2000	2300		ug/Kg		115	54 - 135
Ethylbenzene	1000	1030		ug/Kg		103	75 - 120
Ethylene Dibromide	1000	977		ug/Kg		98	73 - 126
Isopropylbenzene	1000	1110		ug/Kg		111	74 - 120
2-Butanone (MEK)	2000	2190		ug/Kg		109	61 - 131
m-Xylene & p-Xylene	1000	1060		ug/Kg		106	76 - 120
4-Methyl-2-pentanone (MIBK)	2000	2230		ug/Kg		111	56 - 124
Methyl tert-butyl ether	1000	1190		ug/Kg		119	66 - 120
1,1,2,2-Tetrachloroethane	1000	1080		ug/Kg		108	61 - 134
Methylene Chloride	1000	796		ug/Kg		80	48 - 142
o-Xylene	1000	1070		ug/Kg		107	76 - 120
Styrene	1000	992		ug/Kg		99	70 - 120
Tetrachloroethene	1000	984		ug/Kg		98	75 - 124
Toluene	1000	1040		ug/Kg		104	76 - 120
1,2,4-Trichlorobenzene	1000	1090		ug/Kg		109	56 - 120
trans-1,2-Dichloroethene	1000	944		ug/Kg		94	74 - 125
1,1,1-Trichloroethane	1000	1060		ug/Kg		106	60 - 126
trans-1,3-Dichloropropene	1000	968		ug/Kg		97	58 - 120
1,1,2-Trichloroethane	1000	1080		ug/Kg		108	78 - 120
Trichloroethene	1000	883		ug/Kg		88	75 - 123
Trichlorofluoromethane	1000	708		ug/Kg		71	33 - 152
Vinyl chloride	1000	808		ug/Kg		81	39 - 140
Xylenes, Total	2000	2130		ug/Kg		107	77 - 120
Chlorodibromomethane	1000	764		ug/Kg		76	60 - 121
Naphthalene	1000	1130		ug/Kg		113	43 - 127

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
4-Bromofluorobenzene (Surr)	*96*		*51 - 124*
1,2-Dichloroethane-d4 (Surr)	*85*		*47 - 136*
Toluene-d8 (Surr)	*93*		*55 - 123*
Dibromofluoromethane (Surr)	*85*		*49 - 122*

Lab Sample ID: MB 240-475541/1-A
Matrix: Solid
Analysis Batch: 475973

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 475541

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2-Dibromo-3-Chloropropane	<220		500	220	ug/Kg		03/04/21 19:53	03/09/21 08:33	1
Acetone	<240		1000	240	ug/Kg		03/04/21 19:53	03/09/21 08:33	1
1,2-Dichlorobenzene	<120		250	120	ug/Kg		03/04/21 19:53	03/09/21 08:33	1
Benzene	<42		250	42	ug/Kg		03/04/21 19:53	03/09/21 08:33	1

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: MB 240-475541/1-A
Matrix: Solid
Analysis Batch: 475973

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 475541

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,3-Dichlorobenzene	<46		250	46	ug/Kg		03/04/21 19:53	03/09/21 08:33	1
Bromoform	<230		250	230	ug/Kg		03/04/21 19:53	03/09/21 08:33	1
1,4-Dichlorobenzene	<55		250	55	ug/Kg		03/04/21 19:53	03/09/21 08:33	1
Bromomethane	<170		250	170	ug/Kg		03/04/21 19:53	03/09/21 08:33	1
Carbon disulfide	<110		250	110	ug/Kg		03/04/21 19:53	03/09/21 08:33	1
Carbon tetrachloride	<100		250	100	ug/Kg		03/04/21 19:53	03/09/21 08:33	1
1,1-Dichloroethane	<48		250	48	ug/Kg		03/04/21 19:53	03/09/21 08:33	1
Chlorobenzene	<35		250	35	ug/Kg		03/04/21 19:53	03/09/21 08:33	1
1,2-Dichloroethane	<47		250	47	ug/Kg		03/04/21 19:53	03/09/21 08:33	1
Chloroethane	<150		250	150	ug/Kg		03/04/21 19:53	03/09/21 08:33	1
Chloroform	<54		250	54	ug/Kg		03/04/21 19:53	03/09/21 08:33	1
1,1-Dichloroethene	<82		250	82	ug/Kg		03/04/21 19:53	03/09/21 08:33	1
Chloromethane	<66		250	66	ug/Kg		03/04/21 19:53	03/09/21 08:33	1
1,2-Dichloropropane	<37		250	37	ug/Kg		03/04/21 19:53	03/09/21 08:33	1
cis-1,2-Dichloroethene	<40		250	40	ug/Kg		03/04/21 19:53	03/09/21 08:33	1
1,4-Dioxane	<2300		13000	2300	ug/Kg		03/04/21 19:53	03/09/21 08:33	1
cis-1,3-Dichloropropene	<120		250	120	ug/Kg		03/04/21 19:53	03/09/21 08:33	1
Dichlorobromomethane	<28		250	28	ug/Kg		03/04/21 19:53	03/09/21 08:33	1
Dichlorodifluoromethane	<53		250	53	ug/Kg		03/04/21 19:53	03/09/21 08:33	1
2-Hexanone	<260		1000	260	ug/Kg		03/04/21 19:53	03/09/21 08:33	1
Ethylbenzene	<47		250	47	ug/Kg		03/04/21 19:53	03/09/21 08:33	1
Ethylene Dibromide	<79		250	79	ug/Kg		03/04/21 19:53	03/09/21 08:33	1
Isopropylbenzene	<38		250	38	ug/Kg		03/04/21 19:53	03/09/21 08:33	1
2-Butanone (MEK)	<160		1000	160	ug/Kg		03/04/21 19:53	03/09/21 08:33	1
4-Methyl-2-pentanone (MIBK)	<240		1000	240	ug/Kg		03/04/21 19:53	03/09/21 08:33	1
Methyl tert-butyl ether	<37		250	37	ug/Kg		03/04/21 19:53	03/09/21 08:33	1
1,1,2,2-Tetrachloroethane	<150		250	150	ug/Kg		03/04/21 19:53	03/09/21 08:33	1
Methylene Chloride	<380		500	380	ug/Kg		03/04/21 19:53	03/09/21 08:33	1
Styrene	<52		250	52	ug/Kg		03/04/21 19:53	03/09/21 08:33	1
Tetrachloroethene	<97		250	97	ug/Kg		03/04/21 19:53	03/09/21 08:33	1
Toluene	<240		250	240	ug/Kg		03/04/21 19:53	03/09/21 08:33	1
1,2,4-Trichlorobenzene	<130		250	130	ug/Kg		03/04/21 19:53	03/09/21 08:33	1
trans-1,2-Dichloroethene	<62		250	62	ug/Kg		03/04/21 19:53	03/09/21 08:33	1
1,1,1-Trichloroethane	<78		250	78	ug/Kg		03/04/21 19:53	03/09/21 08:33	1
trans-1,3-Dichloropropene	<110		250	110	ug/Kg		03/04/21 19:53	03/09/21 08:33	1
1,1,2-Trichloroethane	<57		250	57	ug/Kg		03/04/21 19:53	03/09/21 08:33	1
Trichloroethene	<140		250	140	ug/Kg		03/04/21 19:53	03/09/21 08:33	1
Trichlorofluoromethane	<140		250	140	ug/Kg		03/04/21 19:53	03/09/21 08:33	1
Vinyl chloride	<120		250	120	ug/Kg		03/04/21 19:53	03/09/21 08:33	1
Xylenes, Total	<91		500	91	ug/Kg		03/04/21 19:53	03/09/21 08:33	1
Chlorodibromomethane	<120		250	120	ug/Kg		03/04/21 19:53	03/09/21 08:33	1
Naphthalene	<120		250	120	ug/Kg		03/04/21 19:53	03/09/21 08:33	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*82*		*51 - 124*	*03/04/21 19:53*	*03/09/21 08:33*	*1*
1,2-Dichloroethane-d4 (Surr)	*106*		*47 - 136*	*03/04/21 19:53*	*03/09/21 08:33*	*1*
Toluene-d8 (Surr)	*80*		*55 - 123*	*03/04/21 19:53*	*03/09/21 08:33*	*1*
Dibromofluoromethane (Surr)	*81*		*49 - 122*	*03/04/21 19:53*	*03/09/21 08:33*	*1*

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: LCS 240-475541/2-A
Matrix: Solid
Analysis Batch: 475973

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 475541

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
1,2-Dibromo-3-Chloropropane	1000	598		ug/Kg		60	35 - 137
Acetone	2000	1870		ug/Kg		94	47 - 157
1,2-Dichlorobenzene	1000	881		ug/Kg		88	74 - 120
Benzene	1000	862		ug/Kg		86	75 - 120
1,3-Dichlorobenzene	1000	866		ug/Kg		87	74 - 120
Bromoform	1000	640		ug/Kg		64	44 - 131
1,4-Dichlorobenzene	1000	909		ug/Kg		91	74 - 120
Bromomethane	1000	435		ug/Kg		43	10 - 158
Carbon disulfide	1000	536		ug/Kg		54	33 - 144
Carbon tetrachloride	1000	875		ug/Kg		88	54 - 130
1,1-Dichloroethane	1000	896		ug/Kg		90	69 - 120
Chlorobenzene	1000	940		ug/Kg		94	79 - 120
1,2-Dichloroethane	1000	987		ug/Kg		99	66 - 120
Chloroethane	1000	795		ug/Kg		80	10 - 159
Chloroform	1000	916		ug/Kg		92	74 - 120
1,1-Dichloroethene	1000	856		ug/Kg		86	48 - 140
Chloromethane	1000	800		ug/Kg		80	40 - 127
1,2-Dichloropropane	1000	910		ug/Kg		91	77 - 120
cis-1,2-Dichloroethene	1000	874		ug/Kg		87	76 - 120
1,4-Dioxane	20000	13900		ug/Kg		69	44 - 154
cis-1,3-Dichloropropene	1000	721		ug/Kg		72	62 - 124
Dichlorobromomethane	1000	784		ug/Kg		78	63 - 121
Dichlorodifluoromethane	1000	576		ug/Kg		58	18 - 137
2-Hexanone	2000	1770		ug/Kg		89	54 - 135
Ethylbenzene	1000	959		ug/Kg		96	75 - 120
Ethylene Dibromide	1000	829		ug/Kg		83	73 - 126
Isopropylbenzene	1000	927		ug/Kg		93	74 - 120
2-Butanone (MEK)	2000	2030		ug/Kg		101	61 - 131
m-Xylene & p-Xylene	1000	926		ug/Kg		93	76 - 120
4-Methyl-2-pentanone (MIBK)	2000	1570		ug/Kg		78	56 - 124
Methyl tert-butyl ether	1000	770		ug/Kg		77	66 - 120
1,1,2,2-Tetrachloroethane	1000	807		ug/Kg		81	61 - 134
Methylene Chloride	1000	889		ug/Kg		89	48 - 142
o-Xylene	1000	937		ug/Kg		94	76 - 120
Styrene	1000	813		ug/Kg		81	70 - 120
Tetrachloroethene	1000	948		ug/Kg		95	75 - 124
Toluene	1000	982		ug/Kg		98	76 - 120
1,2,4-Trichlorobenzene	1000	679		ug/Kg		68	56 - 120
trans-1,2-Dichloroethene	1000	863		ug/Kg		86	74 - 125
1,1,1-Trichloroethane	1000	914		ug/Kg		91	60 - 126
trans-1,3-Dichloropropene	1000	685		ug/Kg		68	58 - 120
1,1,2-Trichloroethane	1000	880		ug/Kg		88	78 - 120
Trichloroethene	1000	838		ug/Kg		84	75 - 123
Trichlorofluoromethane	1000	876		ug/Kg		88	33 - 152
Vinyl chloride	1000	785		ug/Kg		78	39 - 140
Xylenes, Total	2000	1860		ug/Kg		93	77 - 120
Chlorodibromomethane	1000	730		ug/Kg		73	60 - 121
Naphthalene	1000	487		ug/Kg		49	43 - 127

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: LCS 240-475541/2-A
Matrix: Solid
Analysis Batch: 475973

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 475541

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
4-Bromofluorobenzene (Surr)	*102*		*51 - 124*
1,2-Dichloroethane-d4 (Surr)	*104*		*47 - 136*
Toluene-d8 (Surr)	*90*		*55 - 123*
Dibromofluoromethane (Surr)	*84*		*49 - 122*

Lab Sample ID: MB 240-475551/1-A
Matrix: Solid
Analysis Batch: 475720

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 475551

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2-Dibromo-3-Chloropropane	<3.6		10	3.6	ug/Kg		03/05/21 02:26	03/06/21 07:42	1
Acetone	<21		25	21	ug/Kg		03/05/21 02:26	03/06/21 07:42	1
1,2-Dichlorobenzene	<1.1		5.0	1.1	ug/Kg		03/05/21 02:26	03/06/21 07:42	1
Benzene	<0.70		5.0	0.70	ug/Kg		03/05/21 02:26	03/06/21 07:42	1
1,3-Dichlorobenzene	<0.82		5.0	0.82	ug/Kg		03/05/21 02:26	03/06/21 07:42	1
Bromoform	<2.4		5.0	2.4	ug/Kg		03/05/21 02:26	03/06/21 07:42	1
1,4-Dichlorobenzene	<0.88		5.0	0.88	ug/Kg		03/05/21 02:26	03/06/21 07:42	1
Bromomethane	<0.99		5.0	0.99	ug/Kg		03/05/21 02:26	03/06/21 07:42	1
Carbon disulfide	<1.2		5.0	1.2	ug/Kg		03/05/21 02:26	03/06/21 07:42	1
Carbon tetrachloride	<3.3		5.0	3.3	ug/Kg		03/05/21 02:26	03/06/21 07:42	1
1,1-Dichloroethane	<0.69		5.0	0.69	ug/Kg		03/05/21 02:26	03/06/21 07:42	1
Chlorobenzene	<0.92		5.0	0.92	ug/Kg		03/05/21 02:26	03/06/21 07:42	1
1,2-Dichloroethane	<0.77		5.0	0.77	ug/Kg		03/05/21 02:26	03/06/21 07:42	1
Chloroethane	<1.2		5.0	1.2	ug/Kg		03/05/21 02:26	03/06/21 07:42	1
Chloroform	<0.79		5.0	0.79	ug/Kg		03/05/21 02:26	03/06/21 07:42	1
1,1-Dichloroethene	<0.90		5.0	0.90	ug/Kg		03/05/21 02:26	03/06/21 07:42	1
Chloromethane	<1.0		5.0	1.0	ug/Kg		03/05/21 02:26	03/06/21 07:42	1
1,2-Dichloropropane	<0.85		5.0	0.85	ug/Kg		03/05/21 02:26	03/06/21 07:42	1
cis-1,2-Dichloroethene	<0.65		5.0	0.65	ug/Kg		03/05/21 02:26	03/06/21 07:42	1
1,4-Dioxane	<22		250	22	ug/Kg		03/05/21 02:26	03/06/21 07:42	1
cis-1,3-Dichloropropene	<1.4		5.0	1.4	ug/Kg		03/05/21 02:26	03/06/21 07:42	1
Dichlorobromomethane	<0.68		5.0	0.68	ug/Kg		03/05/21 02:26	03/06/21 07:42	1
Dichlorodifluoromethane	<0.94		5.0	0.94	ug/Kg		03/05/21 02:26	03/06/21 07:42	1
2-Hexanone	<4.1		20	4.1	ug/Kg		03/05/21 02:26	03/06/21 07:42	1
Ethylbenzene	<1.0		5.0	1.0	ug/Kg		03/05/21 02:26	03/06/21 07:42	1
Ethylene Dibromide	<0.77		5.0	0.77	ug/Kg		03/05/21 02:26	03/06/21 07:42	1
Isopropylbenzene	<0.83		5.0	0.83	ug/Kg		03/05/21 02:26	03/06/21 07:42	1
2-Butanone (MEK)	<3.6		20	3.6	ug/Kg		03/05/21 02:26	03/06/21 07:42	1
4-Methyl-2-pentanone (MIBK)	<3.7		20	3.7	ug/Kg		03/05/21 02:26	03/06/21 07:42	1
Methyl tert-butyl ether	<0.82		5.0	0.82	ug/Kg		03/05/21 02:26	03/06/21 07:42	1
1,1,2,2-Tetrachloroethane	<1.4		5.0	1.4	ug/Kg		03/05/21 02:26	03/06/21 07:42	1
Methylene Chloride	<12		25	12	ug/Kg		03/05/21 02:26	03/06/21 07:42	1
Styrene	<1.2		5.0	1.2	ug/Kg		03/05/21 02:26	03/06/21 07:42	1
Tetrachloroethene	<0.73		5.0	0.73	ug/Kg		03/05/21 02:26	03/06/21 07:42	1
Toluene	<0.77		5.0	0.77	ug/Kg		03/05/21 02:26	03/06/21 07:42	1
1,2,4-Trichlorobenzene	<0.57		5.0	0.57	ug/Kg		03/05/21 02:26	03/06/21 07:42	1
trans-1,2-Dichloroethene	<0.47		5.0	0.47	ug/Kg		03/05/21 02:26	03/06/21 07:42	1
1,1,1-Trichloroethane	<0.82		5.0	0.82	ug/Kg		03/05/21 02:26	03/06/21 07:42	1

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: MB 240-475551/1-A
Matrix: Solid
Analysis Batch: 475720

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 475551

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
trans-1,3-Dichloropropene	<1.0		5.0	1.0	ug/Kg		03/05/21 02:26	03/06/21 07:42	1
1,1,2-Trichloroethane	<1.1		5.0	1.1	ug/Kg		03/05/21 02:26	03/06/21 07:42	1
Trichloroethene	<0.63		5.0	0.63	ug/Kg		03/05/21 02:26	03/06/21 07:42	1
Trichlorofluoromethane	<1.1		5.0	1.1	ug/Kg		03/05/21 02:26	03/06/21 07:42	1
Vinyl chloride	<0.84		5.0	0.84	ug/Kg		03/05/21 02:26	03/06/21 07:42	1
Xylenes, Total	<1.6		10	1.6	ug/Kg		03/05/21 02:26	03/06/21 07:42	1
Chlorodibromomethane	<2.8		5.0	2.8	ug/Kg		03/05/21 02:26	03/06/21 07:42	1
Naphthalene	<2.7		5.0	2.7	ug/Kg		03/05/21 02:26	03/06/21 07:42	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*77*		*51 - 127*	*03/05/21 02:26*	*03/06/21 07:42*	*1*
1,2-Dichloroethane-d4 (Surr)	*101*		*59 - 120*	*03/05/21 02:26*	*03/06/21 07:42*	*1*
Toluene-d8 (Surr)	*79*		*64 - 124*	*03/05/21 02:26*	*03/06/21 07:42*	*1*
Dibromofluoromethane (Surr)	*81*		*56 - 122*	*03/05/21 02:26*	*03/06/21 07:42*	*1*

Lab Sample ID: MB 240-475551/3-A
Matrix: Solid
Analysis Batch: 475973

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 475551

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2-Dibromo-3-Chloropropane	<3.6		10	3.6	ug/Kg		03/05/21 02:26	03/09/21 13:41	1
Acetone	<21		25	21	ug/Kg		03/05/21 02:26	03/09/21 13:41	1
1,2-Dichlorobenzene	<1.1		5.0	1.1	ug/Kg		03/05/21 02:26	03/09/21 13:41	1
Benzene	<0.70		5.0	0.70	ug/Kg		03/05/21 02:26	03/09/21 13:41	1
1,3-Dichlorobenzene	<0.82		5.0	0.82	ug/Kg		03/05/21 02:26	03/09/21 13:41	1
Bromoform	<2.4		5.0	2.4	ug/Kg		03/05/21 02:26	03/09/21 13:41	1
1,4-Dichlorobenzene	<0.88		5.0	0.88	ug/Kg		03/05/21 02:26	03/09/21 13:41	1
Bromomethane	<0.99		5.0	0.99	ug/Kg		03/05/21 02:26	03/09/21 13:41	1
Carbon disulfide	<1.2		5.0	1.2	ug/Kg		03/05/21 02:26	03/09/21 13:41	1
Carbon tetrachloride	<3.3		5.0	3.3	ug/Kg		03/05/21 02:26	03/09/21 13:41	1
1,1-Dichloroethane	<0.69		5.0	0.69	ug/Kg		03/05/21 02:26	03/09/21 13:41	1
Chlorobenzene	<0.92		5.0	0.92	ug/Kg		03/05/21 02:26	03/09/21 13:41	1
1,2-Dichloroethane	<0.77		5.0	0.77	ug/Kg		03/05/21 02:26	03/09/21 13:41	1
Chloroethane	<1.2		5.0	1.2	ug/Kg		03/05/21 02:26	03/09/21 13:41	1
Chloroform	<0.79		5.0	0.79	ug/Kg		03/05/21 02:26	03/09/21 13:41	1
1,1-Dichloroethene	<0.90		5.0	0.90	ug/Kg		03/05/21 02:26	03/09/21 13:41	1
Chloromethane	<1.0		5.0	1.0	ug/Kg		03/05/21 02:26	03/09/21 13:41	1
1,2-Dichloropropane	<0.85		5.0	0.85	ug/Kg		03/05/21 02:26	03/09/21 13:41	1
cis-1,2-Dichloroethene	<0.65		5.0	0.65	ug/Kg		03/05/21 02:26	03/09/21 13:41	1
1,4-Dioxane	<22		250	22	ug/Kg		03/05/21 02:26	03/09/21 13:41	1
cis-1,3-Dichloropropene	<1.4		5.0	1.4	ug/Kg		03/05/21 02:26	03/09/21 13:41	1
Dichlorobromomethane	<0.68		5.0	0.68	ug/Kg		03/05/21 02:26	03/09/21 13:41	1
Dichlorodifluoromethane	<0.94		5.0	0.94	ug/Kg		03/05/21 02:26	03/09/21 13:41	1
2-Hexanone	<4.1		20	4.1	ug/Kg		03/05/21 02:26	03/09/21 13:41	1
Ethylbenzene	<1.0		5.0	1.0	ug/Kg		03/05/21 02:26	03/09/21 13:41	1
Ethylene Dibromide	<0.77		5.0	0.77	ug/Kg		03/05/21 02:26	03/09/21 13:41	1
Isopropylbenzene	<0.83		5.0	0.83	ug/Kg		03/05/21 02:26	03/09/21 13:41	1
2-Butanone (MEK)	<3.6		20	3.6	ug/Kg		03/05/21 02:26	03/09/21 13:41	1

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: MB 240-475551/3-A
Matrix: Solid
Analysis Batch: 475973

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 475551

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
4-Methyl-2-pentanone (MIBK)	<3.7		20	3.7	ug/Kg		03/05/21 02:26	03/09/21 13:41	1
Methyl tert-butyl ether	<0.82		5.0	0.82	ug/Kg		03/05/21 02:26	03/09/21 13:41	1
1,1,2,2-Tetrachloroethane	<1.4		5.0	1.4	ug/Kg		03/05/21 02:26	03/09/21 13:41	1
Methylene Chloride	<12		25	12	ug/Kg		03/05/21 02:26	03/09/21 13:41	1
Styrene	<1.2		5.0	1.2	ug/Kg		03/05/21 02:26	03/09/21 13:41	1
Tetrachloroethene	<0.73		5.0	0.73	ug/Kg		03/05/21 02:26	03/09/21 13:41	1
Toluene	<0.77		5.0	0.77	ug/Kg		03/05/21 02:26	03/09/21 13:41	1
1,2,4-Trichlorobenzene	<0.57		5.0	0.57	ug/Kg		03/05/21 02:26	03/09/21 13:41	1
trans-1,2-Dichloroethene	<0.47		5.0	0.47	ug/Kg		03/05/21 02:26	03/09/21 13:41	1
1,1,1-Trichloroethane	<0.82		5.0	0.82	ug/Kg		03/05/21 02:26	03/09/21 13:41	1
trans-1,3-Dichloropropene	<1.0		5.0	1.0	ug/Kg		03/05/21 02:26	03/09/21 13:41	1
1,1,2-Trichloroethane	<1.1		5.0	1.1	ug/Kg		03/05/21 02:26	03/09/21 13:41	1
Trichloroethene	<0.63		5.0	0.63	ug/Kg		03/05/21 02:26	03/09/21 13:41	1
Trichlorofluoromethane	<1.1		5.0	1.1	ug/Kg		03/05/21 02:26	03/09/21 13:41	1
Vinyl chloride	<0.84		5.0	0.84	ug/Kg		03/05/21 02:26	03/09/21 13:41	1
Xylenes, Total	<1.6		10	1.6	ug/Kg		03/05/21 02:26	03/09/21 13:41	1
Chlorodibromomethane	<2.8		5.0	2.8	ug/Kg		03/05/21 02:26	03/09/21 13:41	1
Naphthalene	<2.7		5.0	2.7	ug/Kg		03/05/21 02:26	03/09/21 13:41	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*75*		*51 - 127*	*03/05/21 02:26*	*03/09/21 13:41*	*1*
1,2-Dichloroethane-d4 (Surr)	*98*		*59 - 120*	*03/05/21 02:26*	*03/09/21 13:41*	*1*
Toluene-d8 (Surr)	*74*		*64 - 124*	*03/05/21 02:26*	*03/09/21 13:41*	*1*
Dibromofluoromethane (Surr)	*76*		*56 - 122*	*03/05/21 02:26*	*03/09/21 13:41*	*1*

Lab Sample ID: MB 240-475633/6
Matrix: Solid
Analysis Batch: 475633

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

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2-Dibromo-3-Chloropropane	<3.6		10	3.6	ug/Kg			03/05/21 12:25	1
Acetone	23.6	J	25	21	ug/Kg			03/05/21 12:25	1
1,2-Dichlorobenzene	<1.1		5.0	1.1	ug/Kg			03/05/21 12:25	1
Benzene	<0.70		5.0	0.70	ug/Kg			03/05/21 12:25	1
1,3-Dichlorobenzene	<0.82		5.0	0.82	ug/Kg			03/05/21 12:25	1
Bromoform	<2.4		5.0	2.4	ug/Kg			03/05/21 12:25	1
1,4-Dichlorobenzene	<0.88		5.0	0.88	ug/Kg			03/05/21 12:25	1
Bromomethane	<0.99		5.0	0.99	ug/Kg			03/05/21 12:25	1
Carbon disulfide	<1.2		5.0	1.2	ug/Kg			03/05/21 12:25	1
Carbon tetrachloride	<3.3		5.0	3.3	ug/Kg			03/05/21 12:25	1
1,1-Dichloroethane	<0.69		5.0	0.69	ug/Kg			03/05/21 12:25	1
Chlorobenzene	<0.92		5.0	0.92	ug/Kg			03/05/21 12:25	1
1,2-Dichloroethane	<0.77		5.0	0.77	ug/Kg			03/05/21 12:25	1
Chloroethane	<1.2		5.0	1.2	ug/Kg			03/05/21 12:25	1
Chloroform	<0.79		5.0	0.79	ug/Kg			03/05/21 12:25	1
1,1-Dichloroethene	<0.90		5.0	0.90	ug/Kg			03/05/21 12:25	1
Chloromethane	<1.0		5.0	1.0	ug/Kg			03/05/21 12:25	1
1,2-Dichloropropane	<0.85		5.0	0.85	ug/Kg			03/05/21 12:25	1

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: MB 240-475633/6
Matrix: Solid
Analysis Batch: 475633

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

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
cis-1,2-Dichloroethene	<0.65		5.0	0.65	ug/Kg			03/05/21 12:25	1
1,4-Dioxane	<22		250	22	ug/Kg			03/05/21 12:25	1
cis-1,3-Dichloropropene	<1.4		5.0	1.4	ug/Kg			03/05/21 12:25	1
Dichlorobromomethane	<0.68		5.0	0.68	ug/Kg			03/05/21 12:25	1
Dichlorodifluoromethane	<0.94		5.0	0.94	ug/Kg			03/05/21 12:25	1
2-Hexanone	<4.1		20	4.1	ug/Kg			03/05/21 12:25	1
Ethylbenzene	<1.0		5.0	1.0	ug/Kg			03/05/21 12:25	1
Ethylene Dibromide	<0.77		5.0	0.77	ug/Kg			03/05/21 12:25	1
Isopropylbenzene	<0.83		5.0	0.83	ug/Kg			03/05/21 12:25	1
2-Butanone (MEK)	<3.6		20	3.6	ug/Kg			03/05/21 12:25	1
4-Methyl-2-pentanone (MIBK)	<3.7		20	3.7	ug/Kg			03/05/21 12:25	1
Methyl tert-butyl ether	<0.82		5.0	0.82	ug/Kg			03/05/21 12:25	1
1,1,2,2-Tetrachloroethane	<1.4		5.0	1.4	ug/Kg			03/05/21 12:25	1
Methylene Chloride	<12		25	12	ug/Kg			03/05/21 12:25	1
Styrene	<1.2		5.0	1.2	ug/Kg			03/05/21 12:25	1
Tetrachloroethene	<0.73		5.0	0.73	ug/Kg			03/05/21 12:25	1
Toluene	<0.77		5.0	0.77	ug/Kg			03/05/21 12:25	1
1,2,4-Trichlorobenzene	<0.57		5.0	0.57	ug/Kg			03/05/21 12:25	1
trans-1,2-Dichloroethene	<0.47		5.0	0.47	ug/Kg			03/05/21 12:25	1
1,1,1-Trichloroethane	<0.82		5.0	0.82	ug/Kg			03/05/21 12:25	1
trans-1,3-Dichloropropene	<1.0		5.0	1.0	ug/Kg			03/05/21 12:25	1
1,1,2-Trichloroethane	<1.1		5.0	1.1	ug/Kg			03/05/21 12:25	1
Trichloroethene	<0.63		5.0	0.63	ug/Kg			03/05/21 12:25	1
Trichlorofluoromethane	<1.1		5.0	1.1	ug/Kg			03/05/21 12:25	1
Vinyl chloride	<0.84		5.0	0.84	ug/Kg			03/05/21 12:25	1
Xylenes, Total	<1.6		10	1.6	ug/Kg			03/05/21 12:25	1
Chlorodibromomethane	<2.8		5.0	2.8	ug/Kg			03/05/21 12:25	1
Naphthalene	<2.7		5.0	2.7	ug/Kg			03/05/21 12:25	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*106*		*51 - 127*		*03/05/21 12:25*	*1*
1,2-Dichloroethane-d4 (Surr)	*96*		*59 - 120*		*03/05/21 12:25*	*1*
Toluene-d8 (Surr)	*105*		*64 - 124*		*03/05/21 12:25*	*1*
Dibromofluoromethane (Surr)	*94*		*56 - 122*		*03/05/21 12:25*	*1*

Lab Sample ID: LCS 240-475633/5
Matrix: Solid
Analysis Batch: 475633

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

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
1,2-Dibromo-3-Chloropropane	50.0	50.6		ug/Kg		101	35 - 137
Acetone	100	128		ug/Kg		128	47 - 157
1,2-Dichlorobenzene	50.0	51.5		ug/Kg		103	74 - 120
Benzene	50.0	51.3		ug/Kg		103	75 - 120
1,3-Dichlorobenzene	50.0	53.6		ug/Kg		107	74 - 120
Bromoform	50.0	46.7		ug/Kg		93	44 - 131
1,4-Dichlorobenzene	50.0	52.1		ug/Kg		104	74 - 120
Bromomethane	20.0	26.6		ug/Kg		133	10 - 158

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: LCS 240-475633/5
Matrix: Solid
Analysis Batch: 475633

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

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Carbon disulfide	50.0	47.3		ug/Kg		95	33 - 144
Carbon tetrachloride	50.0	48.2		ug/Kg		96	54 - 130
1,1-Dichloroethane	50.0	50.9		ug/Kg		102	69 - 120
Chlorobenzene	50.0	51.4		ug/Kg		103	79 - 120
1,2-Dichloroethane	50.0	51.8		ug/Kg		104	66 - 120
Chloroethane	20.0	17.7		ug/Kg		89	10 - 159
Chloroform	50.0	49.8		ug/Kg		100	74 - 120
1,1-Dichloroethene	50.0	52.4		ug/Kg		105	48 - 140
Chloromethane	20.0	20.1		ug/Kg		101	40 - 127
1,2-Dichloropropane	50.0	55.2		ug/Kg		110	77 - 120
cis-1,2-Dichloroethene	50.0	52.3		ug/Kg		105	76 - 120
1,4-Dioxane	1000	1190		ug/Kg		119	44 - 154
cis-1,3-Dichloropropene	50.0	52.4		ug/Kg		105	62 - 124
Dichlorobromomethane	50.0	56.8		ug/Kg		114	63 - 121
Dichlorodifluoromethane	20.0	14.5		ug/Kg		73	18 - 137
2-Hexanone	100	126		ug/Kg		126	54 - 135
Ethylbenzene	50.0	54.5		ug/Kg		109	75 - 120
Ethylene Dibromide	50.0	55.0		ug/Kg		110	73 - 126
Isopropylbenzene	50.0	58.1		ug/Kg		116	74 - 120
2-Butanone (MEK)	100	105		ug/Kg		105	61 - 131
m-Xylene & p-Xylene	50.0	54.2		ug/Kg		108	76 - 120
4-Methyl-2-pentanone (MIBK)	100	131	*+	ug/Kg		131	56 - 124
Methyl tert-butyl ether	50.0	60.3	*+	ug/Kg		121	66 - 120
1,1,2,2-Tetrachloroethane	50.0	59.3		ug/Kg		119	61 - 134
Methylene Chloride	50.0	48.5		ug/Kg		97	48 - 142
o-Xylene	50.0	55.6		ug/Kg		111	76 - 120
Styrene	50.0	53.0		ug/Kg		106	70 - 120
Tetrachloroethene	50.0	54.1		ug/Kg		108	75 - 124
Toluene	50.0	55.4		ug/Kg		111	76 - 120
1,2,4-Trichlorobenzene	50.0	56.9		ug/Kg		114	56 - 120
trans-1,2-Dichloroethene	50.0	52.8		ug/Kg		106	74 - 125
1,1,1-Trichloroethane	50.0	57.1		ug/Kg		114	60 - 126
trans-1,3-Dichloropropene	50.0	51.4		ug/Kg		103	58 - 120
1,1,2-Trichloroethane	50.0	59.1		ug/Kg		118	78 - 120
Trichloroethene	50.0	50.8		ug/Kg		102	75 - 123
Trichlorofluoromethane	20.0	19.1		ug/Kg		96	33 - 152
Vinyl chloride	20.0	19.1		ug/Kg		95	39 - 140
Xylenes, Total	100	110		ug/Kg		110	77 - 120
Chlorodibromomethane	50.0	48.6		ug/Kg		97	60 - 121
Naphthalene	50.0	60.4		ug/Kg		121	43 - 127

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
4-Bromofluorobenzene (Surr)	*107*		*51 - 127*
1,2-Dichloroethane-d4 (Surr)	*91*		*59 - 120*
Toluene-d8 (Surr)	*106*		*64 - 124*
Dibromofluoromethane (Surr)	*91*		*56 - 122*

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: LCS 240-475720/6
Matrix: Solid
Analysis Batch: 475720

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

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
1,2-Dibromo-3-Chloropropane	50.0	41.1		ug/Kg		82	35 - 137
Acetone	100	135		ug/Kg		135	47 - 157
1,2-Dichlorobenzene	50.0	46.0		ug/Kg		92	74 - 120
Benzene	50.0	46.0		ug/Kg		92	75 - 120
1,3-Dichlorobenzene	50.0	46.4		ug/Kg		93	74 - 120
Bromoform	50.0	49.0		ug/Kg		98	44 - 131
1,4-Dichlorobenzene	50.0	48.5		ug/Kg		97	74 - 120
Bromomethane	20.0	19.1		ug/Kg		95	10 - 158
Carbon disulfide	50.0	46.4		ug/Kg		93	33 - 144
Carbon tetrachloride	50.0	52.6		ug/Kg		105	54 - 130
1,1-Dichloroethane	50.0	47.7		ug/Kg		95	69 - 120
Chlorobenzene	50.0	49.6		ug/Kg		99	79 - 120
1,2-Dichloroethane	50.0	53.2		ug/Kg		106	66 - 120
Chloroethane	20.0	20.9		ug/Kg		105	10 - 159
Chloroform	50.0	47.5		ug/Kg		95	74 - 120
1,1-Dichloroethene	50.0	46.5		ug/Kg		93	48 - 140
Chloromethane	20.0	21.4		ug/Kg		107	40 - 127
1,2-Dichloropropane	50.0	49.7		ug/Kg		99	77 - 120
cis-1,2-Dichloroethene	50.0	47.5		ug/Kg		95	76 - 120
1,4-Dioxane	1000	931		ug/Kg		93	44 - 154
cis-1,3-Dichloropropene	50.0	51.2		ug/Kg		102	62 - 124
Dichlorobromomethane	50.0	52.1		ug/Kg		104	63 - 121
Dichlorodifluoromethane	20.0	16.3		ug/Kg		81	18 - 137
2-Hexanone	100	119		ug/Kg		119	54 - 135
Ethylbenzene	50.0	53.6		ug/Kg		107	75 - 120
Ethylene Dibromide	50.0	50.4		ug/Kg		101	73 - 126
Isopropylbenzene	50.0	52.4		ug/Kg		105	74 - 120
2-Butanone (MEK)	100	120		ug/Kg		120	61 - 131
m-Xylene & p-Xylene	50.0	52.0		ug/Kg		104	76 - 120
4-Methyl-2-pentanone (MIBK)	100	104		ug/Kg		104	56 - 124
Methyl tert-butyl ether	50.0	43.6		ug/Kg		87	66 - 120
1,1,2,2-Tetrachloroethane	50.0	48.2		ug/Kg		96	61 - 134
Methylene Chloride	50.0	44.1		ug/Kg		88	48 - 142
o-Xylene	50.0	50.1		ug/Kg		100	76 - 120
Styrene	50.0	46.3		ug/Kg		93	70 - 120
Tetrachloroethene	50.0	52.8		ug/Kg		106	75 - 124
Toluene	50.0	51.9		ug/Kg		104	76 - 120
1,2,4-Trichlorobenzene	50.0	41.2		ug/Kg		82	56 - 120
trans-1,2-Dichloroethene	50.0	47.6		ug/Kg		95	74 - 125
1,1,1-Trichloroethane	50.0	52.5		ug/Kg		105	60 - 126
trans-1,3-Dichloropropene	50.0	50.4		ug/Kg		101	58 - 120
1,1,2-Trichloroethane	50.0	50.3		ug/Kg		101	78 - 120
Trichloroethene	50.0	46.8		ug/Kg		94	75 - 123
Trichlorofluoromethane	20.0	21.2		ug/Kg		106	33 - 152
Vinyl chloride	20.0	20.1		ug/Kg		100	39 - 140
Xylenes, Total	100	102		ug/Kg		102	77 - 120
Chlorodibromomethane	50.0	55.3		ug/Kg		111	60 - 121
Naphthalene	50.0	36.7		ug/Kg		73	43 - 127

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: LCS 240-475720/6
Matrix: Solid
Analysis Batch: 475720

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

Surrogate	LCS %Recovery	LCS Qualifier	Limits
4-Bromofluorobenzene (Surr)	93		51 - 127
1,2-Dichloroethane-d4 (Surr)	97		59 - 120
Toluene-d8 (Surr)	86		64 - 124
Dibromofluoromethane (Surr)	80		56 - 122

Lab Sample ID: LCS 240-475828/10
Matrix: Solid
Analysis Batch: 475828

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

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Benzene	1.00	0.968		mg/L		97	80 - 122
Carbon tetrachloride	1.00	1.00		mg/L		100	67 - 126
Chlorobenzene	1.00	0.962		mg/L		96	80 - 120
1,2-Dichloroethane	1.00	0.984		mg/L		98	67 - 125
Chloroform	1.00	1.01		mg/L		101	80 - 120
1,1-Dichloroethene	1.00	0.977		mg/L		98	80 - 128
2-Butanone (MEK)	2.00	1.48		mg/L		74	55 - 127
Tetrachloroethene	1.00	1.01		mg/L		101	76 - 120
Trichloroethene	1.00	0.946		mg/L		95	77 - 120
Vinyl chloride	1.00	1.29		mg/L		129	60 - 134

Surrogate	LCS %Recovery	LCS Qualifier	Limits
4-Bromofluorobenzene (Surr)	101		77 - 120
1,2-Dichloroethane-d4 (Surr)	91		74 - 124
Toluene-d8 (Surr)	91		80 - 120
Dibromofluoromethane (Surr)	93		80 - 120

Lab Sample ID: MB 240-475851/6
Matrix: Solid
Analysis Batch: 475851

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

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2-Dibromo-3-Chloropropane	<3.6		10	3.6	ug/Kg			03/08/21 13:06	1
Acetone	<21		25	21	ug/Kg			03/08/21 13:06	1
1,2-Dichlorobenzene	<1.1		5.0	1.1	ug/Kg			03/08/21 13:06	1
Benzene	<0.70		5.0	0.70	ug/Kg			03/08/21 13:06	1
1,3-Dichlorobenzene	<0.82		5.0	0.82	ug/Kg			03/08/21 13:06	1
Bromoform	<2.4		5.0	2.4	ug/Kg			03/08/21 13:06	1
1,4-Dichlorobenzene	<0.88		5.0	0.88	ug/Kg			03/08/21 13:06	1
Bromomethane	<0.99		5.0	0.99	ug/Kg			03/08/21 13:06	1
Carbon disulfide	<1.2		5.0	1.2	ug/Kg			03/08/21 13:06	1
Carbon tetrachloride	<3.3		5.0	3.3	ug/Kg			03/08/21 13:06	1
1,1-Dichloroethane	<0.69		5.0	0.69	ug/Kg			03/08/21 13:06	1
Chlorobenzene	<0.92		5.0	0.92	ug/Kg			03/08/21 13:06	1
1,2-Dichloroethane	<0.77		5.0	0.77	ug/Kg			03/08/21 13:06	1
Chloroethane	<1.2		5.0	1.2	ug/Kg			03/08/21 13:06	1
Chloroform	<0.79		5.0	0.79	ug/Kg			03/08/21 13:06	1
1,1-Dichloroethene	<0.90		5.0	0.90	ug/Kg			03/08/21 13:06	1

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: MB 240-475851/6
Matrix: Solid
Analysis Batch: 475851

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

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloromethane	<1.0		5.0	1.0	ug/Kg			03/08/21 13:06	1
1,2-Dichloropropane	<0.85		5.0	0.85	ug/Kg			03/08/21 13:06	1
cis-1,2-Dichloroethene	<0.65		5.0	0.65	ug/Kg			03/08/21 13:06	1
1,4-Dioxane	<22		250	22	ug/Kg			03/08/21 13:06	1
cis-1,3-Dichloropropene	<1.4		5.0	1.4	ug/Kg			03/08/21 13:06	1
Dichlorobromomethane	<0.68		5.0	0.68	ug/Kg			03/08/21 13:06	1
Dichlorodifluoromethane	<0.94		5.0	0.94	ug/Kg			03/08/21 13:06	1
2-Hexanone	<4.1		20	4.1	ug/Kg			03/08/21 13:06	1
Ethylbenzene	<1.0		5.0	1.0	ug/Kg			03/08/21 13:06	1
Ethylene Dibromide	<0.77		5.0	0.77	ug/Kg			03/08/21 13:06	1
Isopropylbenzene	<0.83		5.0	0.83	ug/Kg			03/08/21 13:06	1
2-Butanone (MEK)	<3.6		20	3.6	ug/Kg			03/08/21 13:06	1
4-Methyl-2-pentanone (MIBK)	<3.7		20	3.7	ug/Kg			03/08/21 13:06	1
Methyl tert-butyl ether	<0.82		5.0	0.82	ug/Kg			03/08/21 13:06	1
1,1,2,2-Tetrachloroethane	<1.4		5.0	1.4	ug/Kg			03/08/21 13:06	1
Methylene Chloride	<12		25	12	ug/Kg			03/08/21 13:06	1
Styrene	<1.2		5.0	1.2	ug/Kg			03/08/21 13:06	1
Tetrachloroethene	<0.73		5.0	0.73	ug/Kg			03/08/21 13:06	1
Toluene	<0.77		5.0	0.77	ug/Kg			03/08/21 13:06	1
1,2,4-Trichlorobenzene	<0.57		5.0	0.57	ug/Kg			03/08/21 13:06	1
trans-1,2-Dichloroethene	<0.47		5.0	0.47	ug/Kg			03/08/21 13:06	1
1,1,1-Trichloroethane	<0.82		5.0	0.82	ug/Kg			03/08/21 13:06	1
trans-1,3-Dichloropropene	<1.0		5.0	1.0	ug/Kg			03/08/21 13:06	1
1,1,2-Trichloroethane	<1.1		5.0	1.1	ug/Kg			03/08/21 13:06	1
Trichloroethene	<0.63		5.0	0.63	ug/Kg			03/08/21 13:06	1
Trichlorofluoromethane	<1.1		5.0	1.1	ug/Kg			03/08/21 13:06	1
Vinyl chloride	<0.84		5.0	0.84	ug/Kg			03/08/21 13:06	1
Xylenes, Total	<1.6		10	1.6	ug/Kg			03/08/21 13:06	1
Chlorodibromomethane	<2.8		5.0	2.8	ug/Kg			03/08/21 13:06	1
Naphthalene	<2.7		5.0	2.7	ug/Kg			03/08/21 13:06	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*107*		*51 - 127*		*03/08/21 13:06*	*1*
1,2-Dichloroethane-d4 (Surr)	*99*		*59 - 120*		*03/08/21 13:06*	*1*
Toluene-d8 (Surr)	*105*		*64 - 124*		*03/08/21 13:06*	*1*
Dibromofluoromethane (Surr)	*97*		*56 - 122*		*03/08/21 13:06*	*1*

Lab Sample ID: LCS 240-475851/5
Matrix: Solid
Analysis Batch: 475851

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

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
1,2-Dibromo-3-Chloropropane	50.0	53.4		ug/Kg		107	35 - 137
Acetone	100	130		ug/Kg		130	47 - 157
1,2-Dichlorobenzene	50.0	51.0		ug/Kg		102	74 - 120
Benzene	50.0	50.9		ug/Kg		102	75 - 120
1,3-Dichlorobenzene	50.0	52.4		ug/Kg		105	74 - 120
Bromoform	50.0	45.8		ug/Kg		92	44 - 131

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: LCS 240-475851/5
Matrix: Solid
Analysis Batch: 475851

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

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
1,4-Dichlorobenzene	50.0	51.4		ug/Kg		103	74 - 120
Bromomethane	20.0	27.3		ug/Kg		137	10 - 158
Carbon disulfide	50.0	47.0		ug/Kg		94	33 - 144
Carbon tetrachloride	50.0	48.1		ug/Kg		96	54 - 130
1,1-Dichloroethane	50.0	50.9		ug/Kg		102	69 - 120
Chlorobenzene	50.0	49.1		ug/Kg		98	79 - 120
1,2-Dichloroethane	50.0	51.2		ug/Kg		102	66 - 120
Chloroethane	20.0	17.2		ug/Kg		86	10 - 159
Chloroform	50.0	49.2		ug/Kg		98	74 - 120
1,1-Dichloroethene	50.0	53.0		ug/Kg		106	48 - 140
Chloromethane	20.0	19.6		ug/Kg		98	40 - 127
1,2-Dichloropropane	50.0	54.6		ug/Kg		109	77 - 120
cis-1,2-Dichloroethene	50.0	51.8		ug/Kg		104	76 - 120
1,4-Dioxane	1000	1200		ug/Kg		120	44 - 154
cis-1,3-Dichloropropene	50.0	52.5		ug/Kg		105	62 - 124
Dichlorobromomethane	50.0	57.5		ug/Kg		115	63 - 121
Dichlorodifluoromethane	20.0	14.0		ug/Kg		70	18 - 137
2-Hexanone	100	122		ug/Kg		122	54 - 135
Ethylbenzene	50.0	52.8		ug/Kg		106	75 - 120
Ethylene Dibromide	50.0	52.8		ug/Kg		106	73 - 126
Isopropylbenzene	50.0	56.2		ug/Kg		112	74 - 120
2-Butanone (MEK)	100	118		ug/Kg		118	61 - 131
m-Xylene & p-Xylene	50.0	52.0		ug/Kg		104	76 - 120
4-Methyl-2-pentanone (MIBK)	100	126	*+	ug/Kg		126	56 - 124
Methyl tert-butyl ether	50.0	59.8		ug/Kg		120	66 - 120
1,1,2,2-Tetrachloroethane	50.0	59.0		ug/Kg		118	61 - 134
Methylene Chloride	50.0	48.2		ug/Kg		96	48 - 142
o-Xylene	50.0	53.1		ug/Kg		106	76 - 120
Styrene	50.0	50.2		ug/Kg		100	70 - 120
Tetrachloroethene	50.0	51.2		ug/Kg		102	75 - 124
Toluene	50.0	52.9		ug/Kg		106	76 - 120
1,2,4-Trichlorobenzene	50.0	56.1		ug/Kg		112	56 - 120
trans-1,2-Dichloroethene	50.0	51.7		ug/Kg		103	74 - 125
1,1,1-Trichloroethane	50.0	57.1		ug/Kg		114	60 - 126
trans-1,3-Dichloropropene	50.0	49.8		ug/Kg		100	58 - 120
1,1,2-Trichloroethane	50.0	56.2		ug/Kg		112	78 - 120
Trichloroethene	50.0	49.2		ug/Kg		98	75 - 123
Trichlorofluoromethane	20.0	18.1		ug/Kg		90	33 - 152
Vinyl chloride	20.0	18.8		ug/Kg		94	39 - 140
Xylenes, Total	100	105		ug/Kg		105	77 - 120
Chlorodibromomethane	50.0	47.6		ug/Kg		95	60 - 121
Naphthalene	50.0	60.0		ug/Kg		120	43 - 127

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
4-Bromofluorobenzene (Surr)	*110*		*51 - 127*
1,2-Dichloroethane-d4 (Surr)	*91*		*59 - 120*
Toluene-d8 (Surr)	*105*		*64 - 124*
Dibromofluoromethane (Surr)	*94*		*56 - 122*

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: LCS 240-475973/6
Matrix: Solid
Analysis Batch: 475973

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

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
1,2-Dibromo-3-Chloropropane	50.0	39.5		ug/Kg		79	35 - 137
Acetone	100	127		ug/Kg		127	47 - 157
1,2-Dichlorobenzene	50.0	44.7		ug/Kg		89	74 - 120
Benzene	50.0	43.6		ug/Kg		87	75 - 120
1,3-Dichlorobenzene	50.0	44.1		ug/Kg		88	74 - 120
Bromoform	50.0	44.7		ug/Kg		89	44 - 131
1,4-Dichlorobenzene	50.0	45.5		ug/Kg		91	74 - 120
Bromomethane	20.0	17.7		ug/Kg		89	10 - 158
Carbon disulfide	50.0	43.0		ug/Kg		86	33 - 144
Carbon tetrachloride	50.0	49.8		ug/Kg		100	54 - 130
1,1-Dichloroethane	50.0	45.4		ug/Kg		91	69 - 120
Chlorobenzene	50.0	47.3		ug/Kg		95	79 - 120
1,2-Dichloroethane	50.0	50.4		ug/Kg		101	66 - 120
Chloroethane	20.0	20.0		ug/Kg		100	10 - 159
Chloroform	50.0	46.2		ug/Kg		92	74 - 120
1,1-Dichloroethene	50.0	43.9		ug/Kg		88	48 - 140
Chloromethane	20.0	20.3		ug/Kg		102	40 - 127
1,2-Dichloropropane	50.0	47.8		ug/Kg		96	77 - 120
cis-1,2-Dichloroethene	50.0	43.9		ug/Kg		88	76 - 120
1,4-Dioxane	1000	762		ug/Kg		76	44 - 154
cis-1,3-Dichloropropene	50.0	46.6		ug/Kg		93	62 - 124
Dichlorobromomethane	50.0	48.4		ug/Kg		97	63 - 121
Dichlorodifluoromethane	20.0	15.8		ug/Kg		79	18 - 137
2-Hexanone	100	114		ug/Kg		114	54 - 135
Ethylbenzene	50.0	49.2		ug/Kg		98	75 - 120
Ethylene Dibromide	50.0	48.0		ug/Kg		96	73 - 126
Isopropylbenzene	50.0	49.8		ug/Kg		100	74 - 120
2-Butanone (MEK)	100	110		ug/Kg		110	61 - 131
m-Xylene & p-Xylene	50.0	48.2		ug/Kg		96	76 - 120
4-Methyl-2-pentanone (MIBK)	100	98.9		ug/Kg		99	56 - 124
Methyl tert-butyl ether	50.0	40.7		ug/Kg		81	66 - 120
1,1,2,2-Tetrachloroethane	50.0	45.3		ug/Kg		91	61 - 134
Methylene Chloride	50.0	42.8		ug/Kg		86	48 - 142
o-Xylene	50.0	47.8		ug/Kg		96	76 - 120
Styrene	50.0	43.6		ug/Kg		87	70 - 120
Tetrachloroethene	50.0	48.4		ug/Kg		97	75 - 124
Toluene	50.0	49.3		ug/Kg		99	76 - 120
1,2,4-Trichlorobenzene	50.0	39.6		ug/Kg		79	56 - 120
trans-1,2-Dichloroethene	50.0	45.9		ug/Kg		92	74 - 125
1,1,1-Trichloroethane	50.0	49.4		ug/Kg		99	60 - 126
trans-1,3-Dichloropropene	50.0	46.6		ug/Kg		93	58 - 120
1,1,2-Trichloroethane	50.0	48.1		ug/Kg		96	78 - 120
Trichloroethene	50.0	44.4		ug/Kg		89	75 - 123
Trichlorofluoromethane	20.0	20.4		ug/Kg		102	33 - 152
Vinyl chloride	20.0	19.0		ug/Kg		95	39 - 140
Xylenes, Total	100	96.0		ug/Kg		96	77 - 120
Chlorodibromomethane	50.0	52.2		ug/Kg		104	60 - 121
Naphthalene	50.0	35.7		ug/Kg		71	43 - 127

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: LCS 240-475973/6
Matrix: Solid
Analysis Batch: 475973

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

Surrogate	LCS %Recovery	LCS Qualifier	Limits
4-Bromofluorobenzene (Surr)	89		51 - 127
1,2-Dichloroethane-d4 (Surr)	94		59 - 120
Toluene-d8 (Surr)	85		64 - 124
Dibromofluoromethane (Surr)	79		56 - 122

Lab Sample ID: MB 240-476041/6
Matrix: Solid
Analysis Batch: 476041

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

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2-Dibromo-3-Chloropropane	<3.6		10	3.6	ug/Kg			03/09/21 13:05	1
Acetone	<21		25	21	ug/Kg			03/09/21 13:05	1
1,2-Dichlorobenzene	<1.1		5.0	1.1	ug/Kg			03/09/21 13:05	1
Benzene	<0.70		5.0	0.70	ug/Kg			03/09/21 13:05	1
1,3-Dichlorobenzene	<0.82		5.0	0.82	ug/Kg			03/09/21 13:05	1
Bromoform	<2.4		5.0	2.4	ug/Kg			03/09/21 13:05	1
1,4-Dichlorobenzene	<0.88		5.0	0.88	ug/Kg			03/09/21 13:05	1
Bromomethane	<0.99		5.0	0.99	ug/Kg			03/09/21 13:05	1
Carbon disulfide	<1.2		5.0	1.2	ug/Kg			03/09/21 13:05	1
Carbon tetrachloride	<3.3		5.0	3.3	ug/Kg			03/09/21 13:05	1
1,1-Dichloroethane	<0.69		5.0	0.69	ug/Kg			03/09/21 13:05	1
Chlorobenzene	<0.92		5.0	0.92	ug/Kg			03/09/21 13:05	1
1,2-Dichloroethane	<0.77		5.0	0.77	ug/Kg			03/09/21 13:05	1
Chloroethane	<1.2		5.0	1.2	ug/Kg			03/09/21 13:05	1
Chloroform	<0.79		5.0	0.79	ug/Kg			03/09/21 13:05	1
1,1-Dichloroethene	<0.90		5.0	0.90	ug/Kg			03/09/21 13:05	1
Chloromethane	1.17	J	5.0	1.0	ug/Kg			03/09/21 13:05	1
1,2-Dichloropropane	<0.85		5.0	0.85	ug/Kg			03/09/21 13:05	1
cis-1,2-Dichloroethene	<0.65		5.0	0.65	ug/Kg			03/09/21 13:05	1
1,4-Dioxane	<22		250	22	ug/Kg			03/09/21 13:05	1
cis-1,3-Dichloropropene	<1.4		5.0	1.4	ug/Kg			03/09/21 13:05	1
Dichlorobromomethane	<0.68		5.0	0.68	ug/Kg			03/09/21 13:05	1
Dichlorodifluoromethane	<0.94		5.0	0.94	ug/Kg			03/09/21 13:05	1
2-Hexanone	<4.1		20	4.1	ug/Kg			03/09/21 13:05	1
Ethylbenzene	<1.0		5.0	1.0	ug/Kg			03/09/21 13:05	1
Ethylene Dibromide	<0.77		5.0	0.77	ug/Kg			03/09/21 13:05	1
Isopropylbenzene	<0.83		5.0	0.83	ug/Kg			03/09/21 13:05	1
2-Butanone (MEK)	<3.6		20	3.6	ug/Kg			03/09/21 13:05	1
4-Methyl-2-pentanone (MIBK)	<3.7		20	3.7	ug/Kg			03/09/21 13:05	1
Methyl tert-butyl ether	<0.82		5.0	0.82	ug/Kg			03/09/21 13:05	1
1,1,2,2-Tetrachloroethane	<1.4		5.0	1.4	ug/Kg			03/09/21 13:05	1
Methylene Chloride	<12		25	12	ug/Kg			03/09/21 13:05	1
Styrene	<1.2		5.0	1.2	ug/Kg			03/09/21 13:05	1
Tetrachloroethene	<0.73		5.0	0.73	ug/Kg			03/09/21 13:05	1
Toluene	<0.77		5.0	0.77	ug/Kg			03/09/21 13:05	1
1,2,4-Trichlorobenzene	<0.57		5.0	0.57	ug/Kg			03/09/21 13:05	1
trans-1,2-Dichloroethene	<0.47		5.0	0.47	ug/Kg			03/09/21 13:05	1
1,1,1-Trichloroethane	<0.82		5.0	0.82	ug/Kg			03/09/21 13:05	1

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: MB 240-476041/6
Matrix: Solid
Analysis Batch: 476041

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

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
trans-1,3-Dichloropropene	<1.0		5.0	1.0	ug/Kg			03/09/21 13:05	1
1,1,2-Trichloroethane	<1.1		5.0	1.1	ug/Kg			03/09/21 13:05	1
Trichloroethene	<0.63		5.0	0.63	ug/Kg			03/09/21 13:05	1
Trichlorofluoromethane	<1.1		5.0	1.1	ug/Kg			03/09/21 13:05	1
Vinyl chloride	<0.84		5.0	0.84	ug/Kg			03/09/21 13:05	1
Xylenes, Total	<1.6		10	1.6	ug/Kg			03/09/21 13:05	1
Chlorodibromomethane	<2.8		5.0	2.8	ug/Kg			03/09/21 13:05	1
Naphthalene	<2.7		5.0	2.7	ug/Kg			03/09/21 13:05	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*108*		*51 - 127*		*03/09/21 13:05*	*1*
1,2-Dichloroethane-d4 (Surr)	*99*		*59 - 120*		*03/09/21 13:05*	*1*
Toluene-d8 (Surr)	*106*		*64 - 124*		*03/09/21 13:05*	*1*
Dibromofluoromethane (Surr)	*97*		*56 - 122*		*03/09/21 13:05*	*1*

Lab Sample ID: LCS 240-476041/5
Matrix: Solid
Analysis Batch: 476041

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

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
1,2-Dibromo-3-Chloropropane	50.0	51.1		ug/Kg		102	35 - 137
Acetone	100	131		ug/Kg		131	47 - 157
1,2-Dichlorobenzene	50.0	51.4		ug/Kg		103	74 - 120
Benzene	50.0	52.7		ug/Kg		105	75 - 120
1,3-Dichlorobenzene	50.0	53.0		ug/Kg		106	74 - 120
Bromoform	50.0	45.5		ug/Kg		91	44 - 131
1,4-Dichlorobenzene	50.0	52.0		ug/Kg		104	74 - 120
Bromomethane	20.0	28.6		ug/Kg		143	10 - 158
Carbon disulfide	50.0	49.1		ug/Kg		98	33 - 144
Carbon tetrachloride	50.0	49.2		ug/Kg		98	54 - 130
1,1-Dichloroethane	50.0	52.0		ug/Kg		104	69 - 120
Chlorobenzene	50.0	50.9		ug/Kg		102	79 - 120
1,2-Dichloroethane	50.0	52.4		ug/Kg		105	66 - 120
Chloroethane	20.0	17.6		ug/Kg		88	10 - 159
Chloroform	50.0	50.8		ug/Kg		102	74 - 120
1,1-Dichloroethene	50.0	56.0		ug/Kg		112	48 - 140
Chloromethane	20.0	20.6		ug/Kg		103	40 - 127
1,2-Dichloropropane	50.0	55.6		ug/Kg		111	77 - 120
cis-1,2-Dichloroethene	50.0	53.3		ug/Kg		107	76 - 120
1,4-Dioxane	1000	1210		ug/Kg		121	44 - 154
cis-1,3-Dichloropropene	50.0	53.8		ug/Kg		108	62 - 124
Dichlorobromomethane	50.0	58.1		ug/Kg		116	63 - 121
Dichlorodifluoromethane	20.0	14.1		ug/Kg		70	18 - 137
2-Hexanone	100	125		ug/Kg		125	54 - 135
Ethylbenzene	50.0	54.3		ug/Kg		109	75 - 120
Ethylene Dibromide	50.0	53.9		ug/Kg		108	73 - 126
Isopropylbenzene	50.0	58.5		ug/Kg		117	74 - 120
2-Butanone (MEK)	100	119		ug/Kg		119	61 - 131

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: LCS 240-476041/5
Matrix: Solid
Analysis Batch: 476041

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

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
m-Xylene & p-Xylene	50.0	54.6		ug/Kg		109	76 - 120
4-Methyl-2-pentanone (MIBK)	100	130	*+	ug/Kg		130	56 - 124
Methyl tert-butyl ether	50.0	61.7	*+	ug/Kg		123	66 - 120
1,1,2,2-Tetrachloroethane	50.0	59.7		ug/Kg		119	61 - 134
Methylene Chloride	50.0	50.5		ug/Kg		101	48 - 142
o-Xylene	50.0	55.4		ug/Kg		111	76 - 120
Styrene	50.0	52.6		ug/Kg		105	70 - 120
Tetrachloroethene	50.0	53.1		ug/Kg		106	75 - 124
Toluene	50.0	55.4		ug/Kg		111	76 - 120
1,2,4-Trichlorobenzene	50.0	57.7		ug/Kg		115	56 - 120
trans-1,2-Dichloroethene	50.0	53.6		ug/Kg		107	74 - 125
1,1,1-Trichloroethane	50.0	58.6		ug/Kg		117	60 - 126
trans-1,3-Dichloropropene	50.0	51.2		ug/Kg		102	58 - 120
1,1,2-Trichloroethane	50.0	57.6		ug/Kg		115	78 - 120
Trichloroethene	50.0	51.1		ug/Kg		102	75 - 123
Trichlorofluoromethane	20.0	19.0		ug/Kg		95	33 - 152
Vinyl chloride	20.0	19.3		ug/Kg		97	39 - 140
Xylenes, Total	100	110		ug/Kg		110	77 - 120
Chlorodibromomethane	50.0	48.5		ug/Kg		97	60 - 121
Naphthalene	50.0	60.6		ug/Kg		121	43 - 127

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
4-Bromofluorobenzene (Surr)	*108*		*51 - 127*
1,2-Dichloroethane-d4 (Surr)	*91*		*59 - 120*
Toluene-d8 (Surr)	*106*		*64 - 124*
Dibromofluoromethane (Surr)	*93*		*56 - 122*

Lab Sample ID: MB 240-476239/6
Matrix: Solid
Analysis Batch: 476239

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

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2-Dibromo-3-Chloropropane	<3.6		10	3.6	ug/Kg			03/10/21 13:35	1
Acetone	<21		25	21	ug/Kg			03/10/21 13:35	1
1,2-Dichlorobenzene	<1.1		5.0	1.1	ug/Kg			03/10/21 13:35	1
Benzene	<0.70		5.0	0.70	ug/Kg			03/10/21 13:35	1
1,3-Dichlorobenzene	<0.82		5.0	0.82	ug/Kg			03/10/21 13:35	1
Bromoform	<2.4		5.0	2.4	ug/Kg			03/10/21 13:35	1
1,4-Dichlorobenzene	<0.88		5.0	0.88	ug/Kg			03/10/21 13:35	1
Bromomethane	<0.99		5.0	0.99	ug/Kg			03/10/21 13:35	1
Carbon disulfide	<1.2		5.0	1.2	ug/Kg			03/10/21 13:35	1
Carbon tetrachloride	<3.3		5.0	3.3	ug/Kg			03/10/21 13:35	1
1,1-Dichloroethane	<0.69		5.0	0.69	ug/Kg			03/10/21 13:35	1
Chlorobenzene	<0.92		5.0	0.92	ug/Kg			03/10/21 13:35	1
1,2-Dichloroethane	<0.77		5.0	0.77	ug/Kg			03/10/21 13:35	1
Chloroethane	<1.2		5.0	1.2	ug/Kg			03/10/21 13:35	1
Chloroform	<0.79		5.0	0.79	ug/Kg			03/10/21 13:35	1
1,1-Dichloroethene	<0.90		5.0	0.90	ug/Kg			03/10/21 13:35	1

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: MB 240-476239/6
Matrix: Solid
Analysis Batch: 476239

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

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloromethane	<1.0		5.0	1.0	ug/Kg			03/10/21 13:35	1
1,2-Dichloropropane	<0.85		5.0	0.85	ug/Kg			03/10/21 13:35	1
cis-1,2-Dichloroethene	<0.65		5.0	0.65	ug/Kg			03/10/21 13:35	1
1,4-Dioxane	<22		250	22	ug/Kg			03/10/21 13:35	1
cis-1,3-Dichloropropene	<1.4		5.0	1.4	ug/Kg			03/10/21 13:35	1
Dichlorobromomethane	<0.68		5.0	0.68	ug/Kg			03/10/21 13:35	1
Dichlorodifluoromethane	<0.94		5.0	0.94	ug/Kg			03/10/21 13:35	1
2-Hexanone	<4.1		20	4.1	ug/Kg			03/10/21 13:35	1
Ethylbenzene	<1.0		5.0	1.0	ug/Kg			03/10/21 13:35	1
Ethylene Dibromide	<0.77		5.0	0.77	ug/Kg			03/10/21 13:35	1
Isopropylbenzene	<0.83		5.0	0.83	ug/Kg			03/10/21 13:35	1
2-Butanone (MEK)	<3.6		20	3.6	ug/Kg			03/10/21 13:35	1
4-Methyl-2-pentanone (MIBK)	<3.7		20	3.7	ug/Kg			03/10/21 13:35	1
Methyl tert-butyl ether	<0.82		5.0	0.82	ug/Kg			03/10/21 13:35	1
1,1,2,2-Tetrachloroethane	<1.4		5.0	1.4	ug/Kg			03/10/21 13:35	1
Methylene Chloride	<12		25	12	ug/Kg			03/10/21 13:35	1
Styrene	<1.2		5.0	1.2	ug/Kg			03/10/21 13:35	1
Tetrachloroethene	<0.73		5.0	0.73	ug/Kg			03/10/21 13:35	1
Toluene	<0.77		5.0	0.77	ug/Kg			03/10/21 13:35	1
1,2,4-Trichlorobenzene	<0.57		5.0	0.57	ug/Kg			03/10/21 13:35	1
trans-1,2-Dichloroethene	<0.47		5.0	0.47	ug/Kg			03/10/21 13:35	1
1,1,1-Trichloroethane	<0.82		5.0	0.82	ug/Kg			03/10/21 13:35	1
trans-1,3-Dichloropropene	<1.0		5.0	1.0	ug/Kg			03/10/21 13:35	1
1,1,2-Trichloroethane	<1.1		5.0	1.1	ug/Kg			03/10/21 13:35	1
Trichloroethene	<0.63		5.0	0.63	ug/Kg			03/10/21 13:35	1
Trichlorofluoromethane	<1.1		5.0	1.1	ug/Kg			03/10/21 13:35	1
Vinyl chloride	<0.84		5.0	0.84	ug/Kg			03/10/21 13:35	1
Xylenes, Total	<1.6		10	1.6	ug/Kg			03/10/21 13:35	1
Chlorodibromomethane	<2.8		5.0	2.8	ug/Kg			03/10/21 13:35	1
Naphthalene	<2.7		5.0	2.7	ug/Kg			03/10/21 13:35	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*90*		*51 - 127*		*03/10/21 13:35*	*1*
1,2-Dichloroethane-d4 (Surr)	*81*		*59 - 120*		*03/10/21 13:35*	*1*
Toluene-d8 (Surr)	*92*		*64 - 124*		*03/10/21 13:35*	*1*
Dibromofluoromethane (Surr)	*84*		*56 - 122*		*03/10/21 13:35*	*1*

Lab Sample ID: LCS 240-476239/5
Matrix: Solid
Analysis Batch: 476239

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

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
1,2-Dibromo-3-Chloropropane	50.0	48.4		ug/Kg		97	35 - 137
Acetone	100	97.5		ug/Kg		98	47 - 157
1,2-Dichlorobenzene	50.0	51.8		ug/Kg		104	74 - 120
Benzene	50.0	49.4		ug/Kg		99	75 - 120
1,3-Dichlorobenzene	50.0	52.4		ug/Kg		105	74 - 120
Bromoform	50.0	57.5		ug/Kg		115	44 - 131

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: LCS 240-476239/5
Matrix: Solid
Analysis Batch: 476239

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

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
1,4-Dichlorobenzene	50.0	51.2		ug/Kg		102	74 - 120
Bromomethane	20.0	19.8		ug/Kg		99	10 - 158
Carbon disulfide	50.0	45.9		ug/Kg		92	33 - 144
Carbon tetrachloride	50.0	51.7		ug/Kg		103	54 - 130
1,1-Dichloroethane	50.0	45.6		ug/Kg		91	69 - 120
Chlorobenzene	50.0	49.2		ug/Kg		98	79 - 120
1,2-Dichloroethane	50.0	42.7		ug/Kg		85	66 - 120
Chloroethane	20.0	18.0		ug/Kg		90	10 - 159
Chloroform	50.0	47.5		ug/Kg		95	74 - 120
1,1-Dichloroethene	50.0	50.1		ug/Kg		100	48 - 140
Chloromethane	20.0	17.1		ug/Kg		85	40 - 127
1,2-Dichloropropane	50.0	48.1		ug/Kg		96	77 - 120
cis-1,2-Dichloroethene	50.0	50.3		ug/Kg		101	76 - 120
1,4-Dioxane	1000	867		ug/Kg		87	44 - 154
cis-1,3-Dichloropropene	50.0	49.2		ug/Kg		98	62 - 124
Dichlorobromomethane	50.0	53.0		ug/Kg		106	63 - 121
Dichlorodifluoromethane	20.0	19.0		ug/Kg		95	18 - 137
2-Hexanone	100	94.9		ug/Kg		95	54 - 135
Ethylbenzene	50.0	51.0		ug/Kg		102	75 - 120
Ethylene Dibromide	50.0	51.0		ug/Kg		102	73 - 126
Isopropylbenzene	50.0	54.8		ug/Kg		110	74 - 120
2-Butanone (MEK)	100	90.4		ug/Kg		90	61 - 131
m-Xylene & p-Xylene	50.0	51.2		ug/Kg		102	76 - 120
4-Methyl-2-pentanone (MIBK)	100	91.9		ug/Kg		92	56 - 124
Methyl tert-butyl ether	50.0	48.2		ug/Kg		96	66 - 120
1,1,2,2-Tetrachloroethane	50.0	50.8		ug/Kg		102	61 - 134
Methylene Chloride	50.0	43.7		ug/Kg		87	48 - 142
o-Xylene	50.0	52.0		ug/Kg		104	76 - 120
Styrene	50.0	51.2		ug/Kg		102	70 - 120
Tetrachloroethene	50.0	55.2		ug/Kg		110	75 - 124
Toluene	50.0	49.2		ug/Kg		98	76 - 120
1,2,4-Trichlorobenzene	50.0	52.3		ug/Kg		105	56 - 120
trans-1,2-Dichloroethene	50.0	50.0		ug/Kg		100	74 - 125
1,1,1-Trichloroethane	50.0	49.9		ug/Kg		100	60 - 126
trans-1,3-Dichloropropene	50.0	46.5		ug/Kg		93	58 - 120
1,1,2-Trichloroethane	50.0	48.8		ug/Kg		98	78 - 120
Trichloroethene	50.0	52.2		ug/Kg		104	75 - 123
Trichlorofluoromethane	20.0	20.4		ug/Kg		102	33 - 152
Vinyl chloride	20.0	18.2		ug/Kg		91	39 - 140
Xylenes, Total	100	103		ug/Kg		103	77 - 120
Chlorodibromomethane	50.0	51.3		ug/Kg		103	60 - 121
Naphthalene	50.0	47.6		ug/Kg		95	43 - 127

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
4-Bromofluorobenzene (Surr)	*91*		*51 - 127*
1,2-Dichloroethane-d4 (Surr)	*80*		*59 - 120*
Toluene-d8 (Surr)	*93*		*64 - 124*
Dibromofluoromethane (Surr)	*87*		*56 - 122*

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: LB 240-475711/1-A MB
Matrix: Solid
Analysis Batch: 475828

Client Sample ID: Method Blank
Prep Type: TCLP

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00013		0.025	0.00013	mg/L			03/08/21 13:20	1
Carbon tetrachloride	<0.00026		0.025	0.00026	mg/L			03/08/21 13:20	1
Chlorobenzene	<0.00014		0.025	0.00014	mg/L			03/08/21 13:20	1
1,2-Dichloroethane	<0.00021		0.025	0.00021	mg/L			03/08/21 13:20	1
Chloroform	<0.00013		0.025	0.00013	mg/L			03/08/21 13:20	1
1,1-Dichloroethene	<0.00019		0.025	0.00019	mg/L			03/08/21 13:20	1
2-Butanone (MEK)	<0.0012		0.25	0.0012	mg/L			03/08/21 13:20	1
Tetrachloroethene	<0.00015		0.025	0.00015	mg/L			03/08/21 13:20	1
Trichloroethene	<0.00010		0.025	0.00010	mg/L			03/08/21 13:20	1
Vinyl chloride	<0.00020		0.025	0.00020	mg/L			03/08/21 13:20	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*101*		*77 - 120*		*03/08/21 13:20*	*1*
1,2-Dichloroethane-d4 (Surr)	*102*		*74 - 124*		*03/08/21 13:20*	*1*
Toluene-d8 (Surr)	*90*		*80 - 120*		*03/08/21 13:20*	*1*
Dibromofluoromethane (Surr)	*107*		*80 - 120*		*03/08/21 13:20*	*1*

Method: 6010B - Metals (ICP)

Lab Sample ID: MB 240-475018/2-A
Matrix: Solid
Analysis Batch: 475418

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 475018

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Barium	<0.0013		0.50	0.0013	mg/L		03/02/21 14:00	03/03/21 17:03	1
Cadmium	<0.00020		0.050	0.00020	mg/L		03/02/21 14:00	03/03/21 17:03	1
Chromium	<0.00063		0.050	0.00063	mg/L		03/02/21 14:00	03/03/21 17:03	1
Arsenic	<0.0041		0.050	0.0041	mg/L		03/02/21 14:00	03/03/21 17:03	1
Lead	<0.0028		0.050	0.0028	mg/L		03/02/21 14:00	03/03/21 17:03	1
Selenium	<0.0060		0.050	0.0060	mg/L		03/02/21 14:00	03/03/21 17:03	1
Silver	<0.00062		0.050	0.00062	mg/L		03/02/21 14:00	03/03/21 17:03	1

Lab Sample ID: LCS 240-475018/3-A
Matrix: Solid
Analysis Batch: 475418

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 475018

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Barium	2.00	2.01		mg/L		101	50 - 150
Cadmium	1.00	1.07		mg/L		107	50 - 150
Chromium	1.00	1.02		mg/L		102	50 - 150
Arsenic	2.00	2.24		mg/L		112	50 - 150
Lead	1.00	0.927		mg/L		93	50 - 150
Selenium	2.00	2.36		mg/L		118	50 - 150
Silver	0.100	0.112		mg/L		112	50 - 150

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

Lab Sample ID: MB 240-475063/1-A — **Client Sample ID: Method Blank**
Matrix: Solid — **Prep Type: Total/NA**
Analysis Batch: 475501 — **Prep Batch: 475063**

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Barium	<0.36		20	0.36	mg/Kg		03/02/21 14:00	03/04/21 21:41	1
Cadmium	<0.048		0.20	0.048	mg/Kg		03/02/21 14:00	03/04/21 21:41	1
Chromium	<0.15		0.50	0.15	mg/Kg		03/02/21 14:00	03/04/21 21:41	1
Arsenic	<0.32		1.0	0.32	mg/Kg		03/02/21 14:00	03/04/21 21:41	1
Lead	<0.28		1.0	0.28	mg/Kg		03/02/21 14:00	03/04/21 21:41	1
Selenium	<0.47		1.5	0.47	mg/Kg		03/02/21 14:00	03/04/21 21:41	1
Silver	<0.081		0.50	0.081	mg/Kg		03/02/21 14:00	03/04/21 21:41	1

Lab Sample ID: LCS 240-475063/2-A — **Client Sample ID: Lab Control Sample**
Matrix: Solid — **Prep Type: Total/NA**
Analysis Batch: 475501 — **Prep Batch: 475063**

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Barium	200	192		mg/Kg		96	80 - 120
Cadmium	100	96.4		mg/Kg		96	80 - 120
Chromium	100	95.6		mg/Kg		96	80 - 120
Arsenic	200	194		mg/Kg		97	80 - 120
Lead	100	92.3		mg/Kg		92	80 - 120
Selenium	200	198		mg/Kg		99	80 - 120
Silver	10.0	9.79		mg/Kg		98	80 - 120

Lab Sample ID: LB 240-474931/1-B — **Client Sample ID: Method Blank**
Matrix: Solid — **Prep Type: TCLP**
Analysis Batch: 475418 — **Prep Batch: 475018**

Analyte	LB Result	LB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Barium	0.00453	J	0.50	0.0013	mg/L		03/02/21 14:00	03/03/21 16:58	1
Cadmium	<0.00020		0.050	0.00020	mg/L		03/02/21 14:00	03/03/21 16:58	1
Chromium	0.000890	J	0.050	0.00063	mg/L		03/02/21 14:00	03/03/21 16:58	1
Arsenic	0.00486	J	0.050	0.0041	mg/L		03/02/21 14:00	03/03/21 16:58	1
Lead	<0.0028		0.050	0.0028	mg/L		03/02/21 14:00	03/03/21 16:58	1
Selenium	<0.0060		0.050	0.0060	mg/L		03/02/21 14:00	03/03/21 16:58	1
Silver	<0.00062		0.050	0.00062	mg/L		03/02/21 14:00	03/03/21 16:58	1

Method: 7470A - Mercury (CVAA)

Lab Sample ID: MB 240-475024/2-A — **Client Sample ID: Method Blank**
Matrix: Solid — **Prep Type: Total/NA**
Analysis Batch: 475340 — **Prep Batch: 475024**

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.00013		0.0020	0.00013	mg/L		03/02/21 14:00	03/03/21 14:12	1

Lab Sample ID: LCS 240-475024/3-A — **Client Sample ID: Lab Control Sample**
Matrix: Solid — **Prep Type: Total/NA**
Analysis Batch: 475340 — **Prep Batch: 475024**

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Mercury	0.00500	0.00511		mg/L		102	80 - 120

Method: 7470A - Mercury (CVAA) (Continued)

Lab Sample ID: LB 240-474931/1-C — **Client Sample ID: Method Blank**
Matrix: Solid — **Prep Type: TCLP**
Analysis Batch: 475340 — **Prep Batch: 475024**

Analyte	LB Result	LB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.00013		0.0020	0.00013	mg/L		03/02/21 14:00	03/03/21 14:10	1

Method: 7471A - Mercury (CVAA)

Lab Sample ID: MB 240-475073/1-A — **Client Sample ID: Method Blank**
Matrix: Solid — **Prep Type: Total/NA**
Analysis Batch: 475339 — **Prep Batch: 475073**

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.018		0.10	0.018	mg/Kg		03/02/21 14:00	03/03/21 15:39	1

Lab Sample ID: LCS 240-475073/2-A — **Client Sample ID: Lab Control Sample**
Matrix: Solid — **Prep Type: Total/NA**
Analysis Batch: 475339 — **Prep Batch: 475073**

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Mercury	0.833	0.870		mg/Kg		104	80 - 120

Lab Sample ID: 240-145018-24 MS — **Client Sample ID: SB-36 (0-2)_HEX**
Matrix: Solid — **Prep Type: Total/NA**
Analysis Batch: 475339 — **Prep Batch: 475073**

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
Mercury	0.53	F1	0.198	0.861	F1	mg/Kg	☼	167	80 - 120

Lab Sample ID: 240-145018-24 MSD — **Client Sample ID: SB-36 (0-2)_HEX**
Matrix: Solid — **Prep Type: Total/NA**
Analysis Batch: 475339 — **Prep Batch: 475073**

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Mercury	0.53	F1	0.198	0.801	F1	mg/Kg	☼	137	80 - 120	7	20

Method: 1010A - Ignitability, Pensky-Martens Closed-Cup Method

Lab Sample ID: LCS 240-475848/1 — **Client Sample ID: Lab Control Sample**
Matrix: Solid — **Prep Type: Total/NA**
Analysis Batch: 475848

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Flashpoint	81.0	81.00		Degrees F		100	97 - 103

Method: 7196A - Chromium, Hexavalent

Lab Sample ID: MB 240-475871/9-A — **Client Sample ID: Method Blank**
Matrix: Solid — **Prep Type: Total/NA**
Analysis Batch: 475897 — **Prep Batch: 475871**

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cr (VI)	<0.52		0.80	0.52	mg/Kg		03/08/21 10:45	03/08/21 14:17	1

Method: 7196A - Chromium, Hexavalent (Continued)

Lab Sample ID: LCSI 240-475871/11-A — **Client Sample ID: Lab Control Sample**
Matrix: Solid — **Prep Type: Total/NA**
Analysis Batch: 475897 — **Prep Batch: 475871**

Analyte	Spike Added	LCSI Result	LCSI Qualifier	Unit	D	%Rec	%Rec. Limits
Cr (VI)	643	592		mg/Kg		92	66 - 136

Lab Sample ID: LCSS 240-475871/10-A — **Client Sample ID: Lab Control Sample**
Matrix: Solid — **Prep Type: Total/NA**
Analysis Batch: 475897 — **Prep Batch: 475871**

Analyte	Spike Added	LCSS Result	LCSS Qualifier	Unit	D	%Rec	%Rec. Limits
Cr (VI)	20.0	19.5		mg/Kg		97	90 - 110

Method: 9012A - Cyanide, Total and/or Amenable

Lab Sample ID: MB 240-475542/1-A — **Client Sample ID: Method Blank**
Matrix: Solid — **Prep Type: Total/NA**
Analysis Batch: 475549 — **Prep Batch: 475542**

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cyanide, Total	<0.19		0.50	0.19	mg/Kg		03/04/21 20:09	03/04/21 21:33	1

Lab Sample ID: LCS 240-475542/2-A — **Client Sample ID: Lab Control Sample**
Matrix: Solid — **Prep Type: Total/NA**
Analysis Batch: 475549 — **Prep Batch: 475542**

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Cyanide, Total	5.71	5.81		mg/Kg		102	65 - 128

Lab Sample ID: 240-145018-21 MS — **Client Sample ID: WCA02-01**
Matrix: Solid — **Prep Type: Total/NA**
Analysis Batch: 475549 — **Prep Batch: 475542**

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
Cyanide, Total	<0.27		1.34	1.49		mg/Kg	☼	111	24 - 140

Lab Sample ID: 240-145018-21 MSD — **Client Sample ID: WCA02-01**
Matrix: Solid — **Prep Type: Total/NA**
Analysis Batch: 475549 — **Prep Batch: 475542**

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Cyanide, Total	<0.27		1.29	1.29		mg/Kg	☼	100	24 - 140	15	40

Method: 9034 - Sulfide, Acid soluble and Insoluble (Titrimetric)

Lab Sample ID: MB 240-475022/1-A — **Client Sample ID: Method Blank**
Matrix: Solid — **Prep Type: Total/NA**
Analysis Batch: 475087 — **Prep Batch: 475022**

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Sulfide	<15		30	15	mg/Kg		03/02/21 08:52	03/02/21 12:44	1
Sulfide as H2S	<15		30	15	mg/Kg		03/02/21 08:52	03/02/21 12:44	1

Method: 9034 - Sulfide, Acid soluble and Insoluble (Titrimetric) (Continued)

Lab Sample ID: LCS 240-475022/2-A — **Client Sample ID: Lab Control Sample**
Matrix: Solid — **Prep Type: Total/NA**
Analysis Batch: 475087 — **Prep Batch: 475022**

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Sulfide	76.6	62.0		mg/Kg		81	56 - 120

Method: 9045D - pH

Lab Sample ID: 240-145018-47 DU — **Client Sample ID: WCA04-01**
Matrix: Solid — **Prep Type: Total/NA**
Analysis Batch: 475431

Analyte	Sample Result	Sample Qualifier	DU Result	DU Qualifier	Unit	D	RPD	RPD Limit
pH	6.3	HF	6.0		SU		5	20
Corrosivity	6.3	HF	6.0		SU		5	20

Method: Moisture - Percent Moisture

Lab Sample ID: 240-145018-11 DU — **Client Sample ID: SB-41 (2-4)**
Matrix: Solid — **Prep Type: Total/NA**
Analysis Batch: 474687

Analyte	Sample Result	Sample Qualifier	DU Result	DU Qualifier	Unit	D	RPD	RPD Limit
Percent Solids	76.1		76.5		%		0.5	20
Percent Moisture	23.9		23.5		%		2	20

Lab Sample ID: 240-145018-22 DU — **Client Sample ID: WCA02-02**
Matrix: Solid — **Prep Type: Total/NA**
Analysis Batch: 474687

Analyte	Sample Result	Sample Qualifier	DU Result	DU Qualifier	Unit	D	RPD	RPD Limit
Percent Solids	79.3		79.3		%		0	20
Percent Moisture	20.7		20.7		%		0	20

Lab Sample ID: 240-145018-34 DU — **Client Sample ID: WCA02-02(6-8)**
Matrix: Solid — **Prep Type: Total/NA**
Analysis Batch: 474687

Analyte	Sample Result	Sample Qualifier	DU Result	DU Qualifier	Unit	D	RPD	RPD Limit
Percent Solids	88.7		88.3		%		0.4	20
Percent Moisture	11.3		11.7		%		3	20

Lab Sample ID: 240-145018-46 DU — **Client Sample ID: SB-47 (4-6)**
Matrix: Solid — **Prep Type: Total/NA**
Analysis Batch: 474687

Analyte	Sample Result	Sample Qualifier	DU Result	DU Qualifier	Unit	D	RPD	RPD Limit
Percent Solids	86.5		83.3		%		4	20
Percent Moisture	13.5		16.7	F3	%		21	20

Method: Moisture - Percent Moisture (Continued)

Lab Sample ID: 240-145018-58 DU
Matrix: Solid
Analysis Batch: 474687

Client Sample ID: SB-43 (2-4)
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier		DU Result	DU Qualifier	Unit	D			RPD	RPD Limit
Percent Solids	75.0			79.6		%				6	20
Percent Moisture	25.0			20.4		%				20	20

QC Association Summary

Client: TRC Environmental Corporation.
Project/Site: ABB 2019 \ 2020

Job ID: 240-145018-1

GC/MS VOA

Prep Batch: 475357

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
240-145018-1	SB-52 (0-2)	Total/NA	Solid	5035	
240-145018-3	SB-52 (4-6)	Total/NA	Solid	5035	
240-145018-7	SB-48 (4-6)	Total/NA	Solid	5035	
240-145018-10	SB-41 (0-2)	Total/NA	Solid	5035	
240-145018-11	SB-41 (2-4)	Total/NA	Solid	5035	
240-145018-12	SB-41 (4-6)	Total/NA	Solid	5035	
MB 240-475357/1-A	Method Blank	Total/NA	Solid	5035	
LCS 240-475357/2-A	Lab Control Sample	Total/NA	Solid	5035	

Prep Batch: 475358

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
240-145018-14	SB-38 (0-2)	Total/NA	Solid	5035	
240-145018-22	WCA02-02	Total/NA	Solid	5035	
240-145018-25	SB-36 (0-2)	Total/NA	Solid	5035	
240-145018-26	SB-36 (2-4)	Total/NA	Solid	5035	
240-145018-27	SB-36 (4-6)	Total/NA	Solid	5035	
240-145018-29	SB-53(0-2)	Total/NA	Solid	5035	
240-145018-31	SB-53(4-6)	Total/NA	Solid	5035	
240-145018-33	WCA02-02(0-2)	Total/NA	Solid	5035	
240-145018-34	WCA02-02(6-8)	Total/NA	Solid	5035	
240-145018-36	SB-40 (0-2)	Total/NA	Solid	5035	
MB 240-475358/1-A	Method Blank	Total/NA	Solid	5035	
LCS 240-475358/2-A	Lab Control Sample	Total/NA	Solid	5035	

Prep Batch: 475359

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
240-145018-2	SB-52 (2-4)	Total/NA	Solid	5035	
240-145018-5	SB-48 (0-2)	Total/NA	Solid	5035	
240-145018-6	SB-48 (2-4)	Total/NA	Solid	5035	
240-145018-15	SB-38 (2-4)	Total/NA	Solid	5035	
240-145018-16	SB-38 (4-6)	Total/NA	Solid	5035	
240-145018-18	SB-39 (0-2)	Total/NA	Solid	5035	
240-145018-19	SB-39 (2-4)	Total/NA	Solid	5035	
240-145018-20	SB-39 (4-6)	Total/NA	Solid	5035	
240-145018-21	WCA02-01	Total/NA	Solid	5035	
240-145018-30	SB-53(2-4)	Total/NA	Solid	5035	
240-145018-32	DUPLICATE_01	Total/NA	Solid	5035	

Prep Batch: 475541

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
240-145018-50	SB-50 (2-4)	Total/NA	Solid	5035	
240-145018-51	SB-50 (4-6)	Total/NA	Solid	5035	
240-145018-53	SB-42 (0-2)	Total/NA	Solid	5035	
240-145018-54	SB-42 (2-4)	Total/NA	Solid	5035	
240-145018-55	SB-42 (4-6)	Total/NA	Solid	5035	
240-145018-58	SB-43 (2-4)	Total/NA	Solid	5035	
240-145018-59	SB-43 (4-6)	Total/NA	Solid	5035	
240-145018-60	SB-43 (6-8)	Total/NA	Solid	5035	
240-145018-61	SB-43 (8-10)	Total/NA	Solid	5035	
240-145018-62	DUP-02	Total/NA	Solid	5035	
MB 240-475541/1-A	Method Blank	Total/NA	Solid	5035	

GC/MS VOA (Continued)

Prep Batch: 475541 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
LCS 240-475541/2-A	Lab Control Sample	Total/NA	Solid	5035	

Prep Batch: 475551

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
240-145018-36	SB-40 (0-2)	Total/NA	Solid	5035	
240-145018-37	SB-40 (2-4)	Total/NA	Solid	5035	
240-145018-38	SB-40 (4-6)	Total/NA	Solid	5035	
240-145018-40	SB-46 (0-2)	Total/NA	Solid	5035	
240-145018-41	SB-46 (2-4)	Total/NA	Solid	5035	
240-145018-42	SB-46 (4-6)	Total/NA	Solid	5035	
240-145018-44	SB-47 (0-2)	Total/NA	Solid	5035	
240-145018-45	SB-47 (2-4)	Total/NA	Solid	5035	
240-145018-46	SB-47 (4-6)	Total/NA	Solid	5035	
240-145018-47	WCA04-01	Total/NA	Solid	5035	
240-145018-49	SB-50 (0-2)	Total/NA	Solid	5035	
240-145018-57	SB-43 (0-2)	Total/NA	Solid	5035	
MB 240-475551/1-A	Method Blank	Total/NA	Solid	5035	
MB 240-475551/3-A	Method Blank	Total/NA	Solid	5035	

Analysis Batch: 475633

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
240-145018-2	SB-52 (2-4)	Total/NA	Solid	8260B	475359
240-145018-5	SB-48 (0-2)	Total/NA	Solid	8260B	475359
240-145018-6	SB-48 (2-4)	Total/NA	Solid	8260B	475359
240-145018-15	SB-38 (2-4)	Total/NA	Solid	8260B	475359
240-145018-16	SB-38 (4-6)	Total/NA	Solid	8260B	475359
240-145018-18	SB-39 (0-2)	Total/NA	Solid	8260B	475359
MB 240-475357/1-A	Method Blank	Total/NA	Solid	8260B	475357
MB 240-475633/6	Method Blank	Total/NA	Solid	8260B	
LCS 240-475357/2-A	Lab Control Sample	Total/NA	Solid	8260B	475357
LCS 240-475633/5	Lab Control Sample	Total/NA	Solid	8260B	

Leach Batch: 475711

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
240-145018-21	WCA02-01	TCLP	Solid	1311	
240-145018-22	WCA02-02	TCLP	Solid	1311	
240-145018-47	WCA04-01	TCLP	Solid	1311	
LB 240-475711/1-A MB	Method Blank	TCLP	Solid	1311	

Analysis Batch: 475720

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
240-145018-1	SB-52 (0-2)	Total/NA	Solid	8260B	475357
240-145018-3	SB-52 (4-6)	Total/NA	Solid	8260B	475357
240-145018-19	SB-39 (2-4)	Total/NA	Solid	8260B	475359
240-145018-20	SB-39 (4-6)	Total/NA	Solid	8260B	475359
240-145018-21	WCA02-01	Total/NA	Solid	8260B	475359
240-145018-30	SB-53(2-4)	Total/NA	Solid	8260B	475359
240-145018-32	DUPLICATE_01	Total/NA	Solid	8260B	475359
240-145018-36	SB-40 (0-2)	Total/NA	Solid	8260B	475551
240-145018-37	SB-40 (2-4)	Total/NA	Solid	8260B	475551
240-145018-38	SB-40 (4-6)	Total/NA	Solid	8260B	475551

GC/MS VOA (Continued)

Analysis Batch: 475720 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
MB 240-475551/1-A	Method Blank	Total/NA	Solid	8260B	475551
LCS 240-475720/6	Lab Control Sample	Total/NA	Solid	8260B	

Analysis Batch: 475780

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
240-145018-7	SB-48 (4-6)	Total/NA	Solid	8260B	475357
240-145018-10	SB-41 (0-2)	Total/NA	Solid	8260B	475357
240-145018-11	SB-41 (2-4)	Total/NA	Solid	8260B	475357
240-145018-12	SB-41 (4-6)	Total/NA	Solid	8260B	475357
240-145018-14	SB-38 (0-2)	Total/NA	Solid	8260B	475358

Analysis Batch: 475828

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
240-145018-21	WCA02-01	TCLP	Solid	8260B	475711
240-145018-22	WCA02-02	TCLP	Solid	8260B	475711
240-145018-47	WCA04-01	TCLP	Solid	8260B	475711
LB 240-475711/1-A MB	Method Blank	TCLP	Solid	8260B	475711
LCS 240-475828/10	Lab Control Sample	Total/NA	Solid	8260B	

Analysis Batch: 475851

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
240-145018-25	SB-36 (0-2)	Total/NA	Solid	8260B	475358
240-145018-26	SB-36 (2-4)	Total/NA	Solid	8260B	475358
240-145018-27	SB-36 (4-6)	Total/NA	Solid	8260B	475358
240-145018-29	SB-53(0-2)	Total/NA	Solid	8260B	475358
240-145018-31	SB-53(4-6)	Total/NA	Solid	8260B	475358
240-145018-34	WCA02-02(6-8)	Total/NA	Solid	8260B	475358
240-145018-40	SB-46 (0-2)	Total/NA	Solid	8260B	475551
240-145018-41	SB-46 (2-4)	Total/NA	Solid	8260B	475551
240-145018-42	SB-46 (4-6)	Total/NA	Solid	8260B	475551
MB 240-475358/1-A	Method Blank	Total/NA	Solid	8260B	475358
MB 240-475851/6	Method Blank	Total/NA	Solid	8260B	
LCS 240-475358/2-A	Lab Control Sample	Total/NA	Solid	8260B	475358
LCS 240-475851/5	Lab Control Sample	Total/NA	Solid	8260B	

Analysis Batch: 475973

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
240-145018-22	WCA02-02	Total/NA	Solid	8260B	475358
240-145018-36	SB-40 (0-2)	Total/NA	Solid	8260B	475358
240-145018-49	SB-50 (0-2)	Total/NA	Solid	8260B	475551
240-145018-50	SB-50 (2-4)	Total/NA	Solid	8260B	475541
240-145018-51	SB-50 (4-6)	Total/NA	Solid	8260B	475541
240-145018-53	SB-42 (0-2)	Total/NA	Solid	8260B	475541
240-145018-54	SB-42 (2-4)	Total/NA	Solid	8260B	475541
240-145018-58	SB-43 (2-4)	Total/NA	Solid	8260B	475541
240-145018-61	SB-43 (8-10)	Total/NA	Solid	8260B	475541
240-145018-62	DUP-02	Total/NA	Solid	8260B	475541
MB 240-475541/1-A	Method Blank	Total/NA	Solid	8260B	475541
MB 240-475551/3-A	Method Blank	Total/NA	Solid	8260B	475551
LCS 240-475541/2-A	Lab Control Sample	Total/NA	Solid	8260B	475541
LCS 240-475973/6	Lab Control Sample	Total/NA	Solid	8260B	

QC Association Summary

Client: TRC Environmental Corporation.
Project/Site: ABB 2019 \ 2020

Job ID: 240-145018-1

GC/MS VOA

Analysis Batch: 476041

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
240-145018-33	WCA02-02(0-2)	Total/NA	Solid	8260B	475358
240-145018-44	SB-47 (0-2)	Total/NA	Solid	8260B	475551
240-145018-45	SB-47 (2-4)	Total/NA	Solid	8260B	475551
240-145018-46	SB-47 (4-6)	Total/NA	Solid	8260B	475551
240-145018-47	WCA04-01	Total/NA	Solid	8260B	475551
MB 240-476041/6	Method Blank	Total/NA	Solid	8260B	
LCS 240-476041/5	Lab Control Sample	Total/NA	Solid	8260B	

Analysis Batch: 476239

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
240-145018-55	SB-42 (4-6)	Total/NA	Solid	8260B	475541
240-145018-57	SB-43 (0-2)	Total/NA	Solid	8260B	475551
240-145018-59	SB-43 (4-6)	Total/NA	Solid	8260B	475541
240-145018-60	SB-43 (6-8)	Total/NA	Solid	8260B	475541
MB 240-476239/6	Method Blank	Total/NA	Solid	8260B	
LCS 240-476239/5	Lab Control Sample	Total/NA	Solid	8260B	

Metals

Leach Batch: 474931

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
240-145018-21	WCA02-01	TCLP	Solid	1311	
240-145018-22	WCA02-02	TCLP	Solid	1311	
240-145018-47	WCA04-01	TCLP	Solid	1311	
LB 240-474931/1-B	Method Blank	TCLP	Solid	1311	
LB 240-474931/1-C	Method Blank	TCLP	Solid	1311	

Prep Batch: 475018

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
240-145018-21	WCA02-01	TCLP	Solid	3010A	474931
240-145018-22	WCA02-02	TCLP	Solid	3010A	474931
240-145018-47	WCA04-01	TCLP	Solid	3010A	474931
LB 240-474931/1-B	Method Blank	TCLP	Solid	3010A	474931
MB 240-475018/2-A	Method Blank	Total/NA	Solid	3010A	
LCS 240-475018/3-A	Lab Control Sample	Total/NA	Solid	3010A	

Prep Batch: 475024

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
240-145018-21	WCA02-01	TCLP	Solid	7470A	474931
240-145018-22	WCA02-02	TCLP	Solid	7470A	474931
240-145018-47	WCA04-01	TCLP	Solid	7470A	474931
LB 240-474931/1-C	Method Blank	TCLP	Solid	7470A	474931
MB 240-475024/2-A	Method Blank	Total/NA	Solid	7470A	
LCS 240-475024/3-A	Lab Control Sample	Total/NA	Solid	7470A	

Prep Batch: 475063

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
240-145018-24	SB-36 (0-2)_HEX	Total/NA	Solid	3050B	
MB 240-475063/1-A	Method Blank	Total/NA	Solid	3050B	
LCS 240-475063/2-A	Lab Control Sample	Total/NA	Solid	3050B	

QC Association Summary

Client: TRC Environmental Corporation.
Project/Site: ABB 2019 \ 2020

Job ID: 240-145018-1

Metals

Prep Batch: 475073

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
240-145018-24	SB-36 (0-2)_HEX	Total/NA	Solid	7471A	
MB 240-475073/1-A	Method Blank	Total/NA	Solid	7471A	
LCS 240-475073/2-A	Lab Control Sample	Total/NA	Solid	7471A	
240-145018-24 MS	SB-36 (0-2)_HEX	Total/NA	Solid	7471A	
240-145018-24 MSD	SB-36 (0-2)_HEX	Total/NA	Solid	7471A	

Analysis Batch: 475339

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
240-145018-24	SB-36 (0-2)_HEX	Total/NA	Solid	7471A	475073
MB 240-475073/1-A	Method Blank	Total/NA	Solid	7471A	475073
LCS 240-475073/2-A	Lab Control Sample	Total/NA	Solid	7471A	475073
240-145018-24 MS	SB-36 (0-2)_HEX	Total/NA	Solid	7471A	475073
240-145018-24 MSD	SB-36 (0-2)_HEX	Total/NA	Solid	7471A	475073

Analysis Batch: 475340

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
240-145018-21	WCA02-01	TCLP	Solid	7470A	475024
240-145018-22	WCA02-02	TCLP	Solid	7470A	475024
240-145018-47	WCA04-01	TCLP	Solid	7470A	475024
LB 240-474931/1-C	Method Blank	TCLP	Solid	7470A	475024
MB 240-475024/2-A	Method Blank	Total/NA	Solid	7470A	475024
LCS 240-475024/3-A	Lab Control Sample	Total/NA	Solid	7470A	475024

Analysis Batch: 475418

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
240-145018-21	WCA02-01	TCLP	Solid	6010B	475018
240-145018-22	WCA02-02	TCLP	Solid	6010B	475018
240-145018-47	WCA04-01	TCLP	Solid	6010B	475018
LB 240-474931/1-B	Method Blank	TCLP	Solid	6010B	475018
MB 240-475018/2-A	Method Blank	Total/NA	Solid	6010B	475018
LCS 240-475018/3-A	Lab Control Sample	Total/NA	Solid	6010B	475018

Analysis Batch: 475501

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
240-145018-24	SB-36 (0-2)_HEX	Total/NA	Solid	6010B	475063
MB 240-475063/1-A	Method Blank	Total/NA	Solid	6010B	475063
LCS 240-475063/2-A	Lab Control Sample	Total/NA	Solid	6010B	475063

General Chemistry

Analysis Batch: 474687

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
240-145018-1	SB-52 (0-2)	Total/NA	Solid	Moisture	
240-145018-2	SB-52 (2-4)	Total/NA	Solid	Moisture	
240-145018-3	SB-52 (4-6)	Total/NA	Solid	Moisture	
240-145018-5	SB-48 (0-2)	Total/NA	Solid	Moisture	
240-145018-6	SB-48 (2-4)	Total/NA	Solid	Moisture	
240-145018-7	SB-48 (4-6)	Total/NA	Solid	Moisture	
240-145018-10	SB-41 (0-2)	Total/NA	Solid	Moisture	
240-145018-11	SB-41 (2-4)	Total/NA	Solid	Moisture	
240-145018-12	SB-41 (4-6)	Total/NA	Solid	Moisture	

General Chemistry (Continued)

Analysis Batch: 474687 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
240-145018-14	SB-38 (0-2)	Total/NA	Solid	Moisture	
240-145018-15	SB-38 (2-4)	Total/NA	Solid	Moisture	
240-145018-16	SB-38 (4-6)	Total/NA	Solid	Moisture	
240-145018-18	SB-39 (0-2)	Total/NA	Solid	Moisture	
240-145018-19	SB-39 (2-4)	Total/NA	Solid	Moisture	
240-145018-20	SB-39 (4-6)	Total/NA	Solid	Moisture	
240-145018-21	WCA02-01	Total/NA	Solid	Moisture	
240-145018-22	WCA02-02	Total/NA	Solid	Moisture	
240-145018-25	SB-36 (0-2)	Total/NA	Solid	Moisture	
240-145018-26	SB-36 (2-4)	Total/NA	Solid	Moisture	
240-145018-27	SB-36 (4-6)	Total/NA	Solid	Moisture	
240-145018-29	SB-53(0-2)	Total/NA	Solid	Moisture	
240-145018-30	SB-53(2-4)	Total/NA	Solid	Moisture	
240-145018-31	SB-53(4-6)	Total/NA	Solid	Moisture	
240-145018-32	DUPLICATE_01	Total/NA	Solid	Moisture	
240-145018-33	WCA02-02(0-2)	Total/NA	Solid	Moisture	
240-145018-34	WCA02-02(6-8)	Total/NA	Solid	Moisture	
240-145018-36	SB-40 (0-2)	Total/NA	Solid	Moisture	
240-145018-37	SB-40 (2-4)	Total/NA	Solid	Moisture	
240-145018-38	SB-40 (4-6)	Total/NA	Solid	Moisture	
240-145018-40	SB-46 (0-2)	Total/NA	Solid	Moisture	
240-145018-41	SB-46 (2-4)	Total/NA	Solid	Moisture	
240-145018-42	SB-46 (4-6)	Total/NA	Solid	Moisture	
240-145018-44	SB-47 (0-2)	Total/NA	Solid	Moisture	
240-145018-45	SB-47 (2-4)	Total/NA	Solid	Moisture	
240-145018-46	SB-47 (4-6)	Total/NA	Solid	Moisture	
240-145018-47	WCA04-01	Total/NA	Solid	Moisture	
240-145018-49	SB-50 (0-2)	Total/NA	Solid	Moisture	
240-145018-50	SB-50 (2-4)	Total/NA	Solid	Moisture	
240-145018-51	SB-50 (4-6)	Total/NA	Solid	Moisture	
240-145018-53	SB-42 (0-2)	Total/NA	Solid	Moisture	
240-145018-54	SB-42 (2-4)	Total/NA	Solid	Moisture	
240-145018-55	SB-42 (4-6)	Total/NA	Solid	Moisture	
240-145018-57	SB-43 (0-2)	Total/NA	Solid	Moisture	
240-145018-58	SB-43 (2-4)	Total/NA	Solid	Moisture	
240-145018-59	SB-43 (4-6)	Total/NA	Solid	Moisture	
240-145018-60	SB-43 (6-8)	Total/NA	Solid	Moisture	
240-145018-61	SB-43 (8-10)	Total/NA	Solid	Moisture	
240-145018-62	DUP-02	Total/NA	Solid	Moisture	
240-145018-11 DU	SB-41 (2-4)	Total/NA	Solid	Moisture	
240-145018-22 DU	WCA02-02	Total/NA	Solid	Moisture	
240-145018-34 DU	WCA02-02(6-8)	Total/NA	Solid	Moisture	
240-145018-46 DU	SB-47 (4-6)	Total/NA	Solid	Moisture	
240-145018-58 DU	SB-43 (2-4)	Total/NA	Solid	Moisture	

Analysis Batch: 474737

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
240-145018-21	WCA02-01	Total/NA	Solid	9045D	
240-145018-22	WCA02-02	Total/NA	Solid	9045D	
LCS 240-474737/28	Lab Control Sample	Total/NA	Solid	9045D	

QC Association Summary

Client: TRC Environmental Corporation.
Project/Site: ABB 2019 \ 2020

Job ID: 240-145018-1

General Chemistry

Prep Batch: 475022

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
240-145018-21	WCA02-01	Total/NA	Solid	9030B	
240-145018-22	WCA02-02	Total/NA	Solid	9030B	
240-145018-47	WCA04-01	Total/NA	Solid	9030B	
MB 240-475022/1-A	Method Blank	Total/NA	Solid	9030B	
LCS 240-475022/2-A	Lab Control Sample	Total/NA	Solid	9030B	

Analysis Batch: 475076

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
240-145018-24	SB-36 (0-2)_HEX	Total/NA	Solid	Moisture	

Analysis Batch: 475087

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
240-145018-21	WCA02-01	Total/NA	Solid	9034	475022
240-145018-22	WCA02-02	Total/NA	Solid	9034	475022
240-145018-47	WCA04-01	Total/NA	Solid	9034	475022
MB 240-475022/1-A	Method Blank	Total/NA	Solid	9034	475022
LCS 240-475022/2-A	Lab Control Sample	Total/NA	Solid	9034	475022

Analysis Batch: 475431

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
240-145018-47	WCA04-01	Total/NA	Solid	9045D	
LCS 240-475431/29	Lab Control Sample	Total/NA	Solid	9045D	
240-145018-47 DU	WCA04-01	Total/NA	Solid	9045D	

Prep Batch: 475542

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
240-145018-21	WCA02-01	Total/NA	Solid	9012A	
240-145018-22	WCA02-02	Total/NA	Solid	9012A	
240-145018-47	WCA04-01	Total/NA	Solid	9012A	
MB 240-475542/1-A	Method Blank	Total/NA	Solid	9012A	
LCS 240-475542/2-A	Lab Control Sample	Total/NA	Solid	9012A	
240-145018-21 MS	WCA02-01	Total/NA	Solid	9012A	
240-145018-21 MSD	WCA02-01	Total/NA	Solid	9012A	

Analysis Batch: 475549

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
240-145018-21	WCA02-01	Total/NA	Solid	9012A	475542
240-145018-22	WCA02-02	Total/NA	Solid	9012A	475542
240-145018-47	WCA04-01	Total/NA	Solid	9012A	475542
MB 240-475542/1-A	Method Blank	Total/NA	Solid	9012A	475542
LCS 240-475542/2-A	Lab Control Sample	Total/NA	Solid	9012A	475542
240-145018-21 MS	WCA02-01	Total/NA	Solid	9012A	475542
240-145018-21 MSD	WCA02-01	Total/NA	Solid	9012A	475542

Analysis Batch: 475848

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
240-145018-21	WCA02-01	Total/NA	Solid	1010A	
240-145018-22	WCA02-02	Total/NA	Solid	1010A	
240-145018-47	WCA04-01	Total/NA	Solid	1010A	
LCS 240-475848/1	Lab Control Sample	Total/NA	Solid	1010A	

QC Association Summary

Client: TRC Environmental Corporation.
Project/Site: ABB 2019 \ 2020

Job ID: 240-145018-1

General Chemistry

Prep Batch: 475871

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
240-145018-24	SB-36 (0-2)_HEX	Total/NA	Solid	3060A	
MB 240-475871/9-A	Method Blank	Total/NA	Solid	3060A	
LCSI 240-475871/11-A	Lab Control Sample	Total/NA	Solid	3060A	
LCSS 240-475871/10-A	Lab Control Sample	Total/NA	Solid	3060A	

Analysis Batch: 475897

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
240-145018-24	SB-36 (0-2)_HEX	Total/NA	Solid	7196A	475871
MB 240-475871/9-A	Method Blank	Total/NA	Solid	7196A	475871
LCSI 240-475871/11-A	Lab Control Sample	Total/NA	Solid	7196A	475871
LCSS 240-475871/10-A	Lab Control Sample	Total/NA	Solid	7196A	475871

Lab Chronicle

Client: TRC Environmental Corporation.
Project/Site: ABB 2019 \ 2020

Job ID: 240-145018-1

Client Sample ID: SB-52 (0-2)
Lab Sample ID: 240-145018-1
Date Collected: 02/24/21 15:30
Matrix: Solid
Date Received: 02/25/21 16:22

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	Moisture		1	474687	02/26/21 13:53	AJ	TAL CAN

Client Sample ID: SB-52 (0-2)
Lab Sample ID: 240-145018-1
Date Collected: 02/24/21 15:30
Matrix: Solid
Date Received: 02/25/21 16:22
Percent Solids: 84.2

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			475357	03/03/21 21:54	LAM	TAL CAN
Total/NA	Analysis	8260B		1	475720	03/06/21 16:32	TJL2	TAL CAN

Client Sample ID: SB-52 (2-4)
Lab Sample ID: 240-145018-2
Date Collected: 02/24/21 15:40
Matrix: Solid
Date Received: 02/25/21 16:22

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	Moisture		1	474687	02/26/21 13:53	AJ	TAL CAN

Client Sample ID: SB-52 (2-4)
Lab Sample ID: 240-145018-2
Date Collected: 02/24/21 15:40
Matrix: Solid
Date Received: 02/25/21 16:22
Percent Solids: 75.5

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			475359	02/26/21 12:00	LAM	TAL CAN
Total/NA	Analysis	8260B		1	475633	03/05/21 20:00	SAM	TAL CAN

Client Sample ID: SB-52 (4-6)
Lab Sample ID: 240-145018-3
Date Collected: 02/24/21 15:45
Matrix: Solid
Date Received: 02/25/21 16:22

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	Moisture		1	474687	02/26/21 13:53	AJ	TAL CAN

Client Sample ID: SB-52 (4-6)
Lab Sample ID: 240-145018-3
Date Collected: 02/24/21 15:45
Matrix: Solid
Date Received: 02/25/21 16:22
Percent Solids: 76.1

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			475357	03/03/21 21:54	LAM	TAL CAN
Total/NA	Analysis	8260B		1	475720	03/06/21 16:55	TJL2	TAL CAN

Client Sample ID: SB-48 (0-2)
Lab Sample ID: 240-145018-5
Date Collected: 02/24/21 16:15
Matrix: Solid
Date Received: 02/25/21 16:22

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	Moisture		1	474687	02/26/21 13:53	AJ	TAL CAN

Lab Chronicle

Client: TRC Environmental Corporation.
Project/Site: ABB 2019 \ 2020

Job ID: 240-145018-1

Client Sample ID: SB-48 (0-2)
Lab Sample ID: 240-145018-5
Date Collected: 02/24/21 16:15
Matrix: Solid
Date Received: 02/25/21 16:22
Percent Solids: 81.6

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			475359	02/26/21 12:00	LAM	TAL CAN
Total/NA	Analysis	8260B		1	475633	03/05/21 20:25	SAM	TAL CAN

Client Sample ID: SB-48 (2-4)
Lab Sample ID: 240-145018-6
Date Collected: 02/24/21 16:20
Matrix: Solid
Date Received: 02/25/21 16:22

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	Moisture		1	474687	02/26/21 13:53	AJ	TAL CAN

Client Sample ID: SB-48 (2-4)
Lab Sample ID: 240-145018-6
Date Collected: 02/24/21 16:20
Matrix: Solid
Date Received: 02/25/21 16:22
Percent Solids: 78.7

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			475359	02/26/21 12:00	LAM	TAL CAN
Total/NA	Analysis	8260B		1	475633	03/05/21 20:50	SAM	TAL CAN

Client Sample ID: SB-48 (4-6)
Lab Sample ID: 240-145018-7
Date Collected: 02/24/21 16:25
Matrix: Solid
Date Received: 02/25/21 16:22

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	Moisture		1	474687	02/26/21 13:53	AJ	TAL CAN

Client Sample ID: SB-48 (4-6)
Lab Sample ID: 240-145018-7
Date Collected: 02/24/21 16:25
Matrix: Solid
Date Received: 02/25/21 16:22
Percent Solids: 80.6

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			475357	03/03/21 21:54	LAM	TAL CAN
Total/NA	Analysis	8260B		1	475780	03/08/21 12:52	TJL2	TAL CAN

Client Sample ID: SB-41 (0-2)
Lab Sample ID: 240-145018-10
Date Collected: 02/25/21 10:20
Matrix: Solid
Date Received: 02/25/21 16:22

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	Moisture		1	474687	02/26/21 13:53	AJ	TAL CAN

Lab Chronicle

Client: TRC Environmental Corporation.
Project/Site: ABB 2019 \ 2020

Job ID: 240-145018-1

Client Sample ID: SB-41 (0-2)
Lab Sample ID: 240-145018-10
Date Collected: 02/25/21 10:20
Matrix: Solid
Date Received: 02/25/21 16:22
Percent Solids: 84.0

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			475357	03/03/21 21:54	LAM	TAL CAN
Total/NA	Analysis	8260B		1	475780	03/08/21 13:14	TJL2	TAL CAN

Client Sample ID: SB-41 (2-4)
Lab Sample ID: 240-145018-11
Date Collected: 02/25/21 10:25
Matrix: Solid
Date Received: 02/25/21 16:22

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	Moisture		1	474687	02/26/21 13:53	AJ	TAL CAN

Client Sample ID: SB-41 (2-4)
Lab Sample ID: 240-145018-11
Date Collected: 02/25/21 10:25
Matrix: Solid
Date Received: 02/25/21 16:22
Percent Solids: 76.1

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			475357	03/03/21 21:54	LAM	TAL CAN
Total/NA	Analysis	8260B		1	475780	03/08/21 13:36	TJL2	TAL CAN

Client Sample ID: SB-41 (4-6)
Lab Sample ID: 240-145018-12
Date Collected: 02/25/21 10:30
Matrix: Solid
Date Received: 02/25/21 16:22

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	Moisture		1	474687	02/26/21 13:53	AJ	TAL CAN

Client Sample ID: SB-41 (4-6)
Lab Sample ID: 240-145018-12
Date Collected: 02/25/21 10:30
Matrix: Solid
Date Received: 02/25/21 16:22
Percent Solids: 82.8

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			475357	03/03/21 21:54	LAM	TAL CAN
Total/NA	Analysis	8260B		1	475780	03/08/21 13:58	TJL2	TAL CAN

Client Sample ID: SB-38 (0-2)
Lab Sample ID: 240-145018-14
Date Collected: 02/25/21 08:25
Matrix: Solid
Date Received: 02/25/21 16:22

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	Moisture		1	474687	02/26/21 13:53	AJ	TAL CAN

Lab Chronicle

Client: TRC Environmental Corporation.
Project/Site: ABB 2019 \ 2020

Job ID: 240-145018-1

Client Sample ID: SB-38 (0-2)
Lab Sample ID: 240-145018-14
Date Collected: 02/25/21 08:25
Matrix: Solid
Date Received: 02/25/21 16:22
Percent Solids: 75.1

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			475358	03/03/21 22:19	LAM	TAL CAN
Total/NA	Analysis	8260B		1	475780	03/08/21 15:05	TJL2	TAL CAN

Client Sample ID: SB-38 (2-4)
Lab Sample ID: 240-145018-15
Date Collected: 02/25/21 08:30
Matrix: Solid
Date Received: 02/25/21 16:22

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	Moisture		1	474687	02/26/21 13:53	AJ	TAL CAN

Client Sample ID: SB-38 (2-4)
Lab Sample ID: 240-145018-15
Date Collected: 02/25/21 08:30
Matrix: Solid
Date Received: 02/25/21 16:22
Percent Solids: 81.8

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			475359	02/26/21 12:00	LAM	TAL CAN
Total/NA	Analysis	8260B		1	475633	03/05/21 21:16	SAM	TAL CAN

Client Sample ID: SB-38 (4-6)
Lab Sample ID: 240-145018-16
Date Collected: 02/25/21 08:35
Matrix: Solid
Date Received: 02/25/21 16:22

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	Moisture		1	474687	02/26/21 13:53	AJ	TAL CAN

Client Sample ID: SB-38 (4-6)
Lab Sample ID: 240-145018-16
Date Collected: 02/25/21 08:35
Matrix: Solid
Date Received: 02/25/21 16:22
Percent Solids: 77.3

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			475359	02/26/21 12:00	LAM	TAL CAN
Total/NA	Analysis	8260B		1	475633	03/05/21 21:41	SAM	TAL CAN

Client Sample ID: SB-39 (0-2)
Lab Sample ID: 240-145018-18
Date Collected: 02/25/21 08:45
Matrix: Solid
Date Received: 02/25/21 16:22

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	Moisture		1	474687	02/26/21 13:53	AJ	TAL CAN

Lab Chronicle

Client: TRC Environmental Corporation.
Project/Site: ABB 2019 \ 2020

Job ID: 240-145018-1

Client Sample ID: SB-39 (0-2)
Date Collected: 02/25/21 08:45
Date Received: 02/25/21 16:22

Lab Sample ID: 240-145018-18
Matrix: Solid
Percent Solids: 74.1

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			475359	02/26/21 12:00	LAM	TAL CAN
Total/NA	Analysis	8260B		1	475633	03/05/21 22:06	SAM	TAL CAN

Client Sample ID: SB-39 (2-4)
Date Collected: 02/25/21 08:50
Date Received: 02/25/21 16:22

Lab Sample ID: 240-145018-19
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	Moisture		1	474687	02/26/21 13:53	AJ	TAL CAN

Client Sample ID: SB-39 (2-4)
Date Collected: 02/25/21 08:50
Date Received: 02/25/21 16:22

Lab Sample ID: 240-145018-19
Matrix: Solid
Percent Solids: 71.5

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			475359	02/26/21 12:00	LAM	TAL CAN
Total/NA	Analysis	8260B		1	475720	03/06/21 10:45	TJL2	TAL CAN

Client Sample ID: SB-39 (4-6)
Date Collected: 02/25/21 08:55
Date Received: 02/25/21 16:22

Lab Sample ID: 240-145018-20
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	Moisture		1	474687	02/26/21 13:53	AJ	TAL CAN

Client Sample ID: SB-39 (4-6)
Date Collected: 02/25/21 08:55
Date Received: 02/25/21 16:22

Lab Sample ID: 240-145018-20
Matrix: Solid
Percent Solids: 74.1

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			475359	02/26/21 12:00	LAM	TAL CAN
Total/NA	Analysis	8260B		1	475720	03/06/21 11:08	TJL2	TAL CAN

Client Sample ID: WCA02-01
Date Collected: 02/25/21 09:15
Date Received: 02/25/21 16:22

Lab Sample ID: 240-145018-21
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
TCLP	Leach	1311			475711	03/05/21 16:45	DRJ	TAL CAN
TCLP	Analysis	8260B		1	475828	03/08/21 14:33	HMB	TAL CAN
TCLP	Leach	1311			474931	03/01/21 17:00	DRJ	TAL CAN
TCLP	Prep	3010A			475018	03/02/21 14:00	SLD	TAL CAN
TCLP	Analysis	6010B		1	475418	03/03/21 17:55	DSH	TAL CAN
TCLP	Leach	1311			474931	03/01/21 17:00	DRJ	TAL CAN
TCLP	Prep	7470A			475024	03/02/21 14:00	SLD	TAL CAN
TCLP	Analysis	7470A		1	475340	03/03/21 14:28	SLD	TAL CAN

Lab Chronicle

Client: TRC Environmental Corporation.
Project/Site: ABB 2019 \ 2020

Job ID: 240-145018-1

Client Sample ID: WCA02-01
Date Collected: 02/25/21 09:15
Date Received: 02/25/21 16:22

Lab Sample ID: 240-145018-21
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	1010A		1	475848	03/08/21 10:38	TPH	TAL CAN
Total/NA	Analysis	9045D		1	474737	02/27/21 12:45	JR	TAL CAN
Total/NA	Analysis	Moisture		1	474687	02/26/21 13:53	AJ	TAL CAN

Client Sample ID: WCA02-01
Date Collected: 02/25/21 09:15
Date Received: 02/25/21 16:22

Lab Sample ID: 240-145018-21
Matrix: Solid
Percent Solids: 77.8

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			475359	02/26/21 12:00	LAM	TAL CAN
Total/NA	Analysis	8260B		1	475720	03/06/21 11:31	TJL2	TAL CAN
Total/NA	Prep	9012A			475542	03/04/21 20:09	AGC	TAL CAN
Total/NA	Analysis	9012A		1	475549	03/04/21 22:01	AGC	TAL CAN
Total/NA	Prep	9030B			475022	03/02/21 08:52	KLR	TAL CAN
Total/NA	Analysis	9034		1	475087	03/02/21 14:21	KLR	TAL CAN

Client Sample ID: WCA02-02
Date Collected: 02/25/21 09:50
Date Received: 02/25/21 16:22

Lab Sample ID: 240-145018-22
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
TCLP	Leach	1311			475711	03/05/21 16:45	DRJ	TAL CAN
TCLP	Analysis	8260B		1	475828	03/08/21 14:58	HMB	TAL CAN
TCLP	Leach	1311			474931	03/01/21 17:00	DRJ	TAL CAN
TCLP	Prep	3010A			475018	03/02/21 14:00	SLD	TAL CAN
TCLP	Analysis	6010B		1	475418	03/03/21 18:00	DSH	TAL CAN
TCLP	Leach	1311			474931	03/01/21 17:00	DRJ	TAL CAN
TCLP	Prep	7470A			475024	03/02/21 14:00	SLD	TAL CAN
TCLP	Analysis	7470A		1	475340	03/03/21 14:30	SLD	TAL CAN
Total/NA	Analysis	1010A		1	475848	03/08/21 10:38	TPH	TAL CAN
Total/NA	Analysis	9045D		1	474737	02/27/21 12:45	JR	TAL CAN
Total/NA	Analysis	Moisture		1	474687	02/26/21 13:53	AJ	TAL CAN

Client Sample ID: WCA02-02
Date Collected: 02/25/21 09:50
Date Received: 02/25/21 16:22

Lab Sample ID: 240-145018-22
Matrix: Solid
Percent Solids: 79.3

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			475358	03/03/21 22:19	LAM	TAL CAN
Total/NA	Analysis	8260B		6.667	475973	03/09/21 07:48	SAM	TAL CAN
Total/NA	Prep	9012A			475542	03/04/21 20:09	AGC	TAL CAN
Total/NA	Analysis	9012A		1	475549	03/04/21 22:07	AGC	TAL CAN
Total/NA	Prep	9030B			475022	03/02/21 08:52	KLR	TAL CAN
Total/NA	Analysis	9034		1	475087	03/02/21 13:32	KLR	TAL CAN

Lab Chronicle

Client: TRC Environmental Corporation.
Project/Site: ABB 2019 \ 2020

Job ID: 240-145018-1

Client Sample ID: SB-36 (0-2)_HEX
Lab Sample ID: 240-145018-24
Date Collected: 02/25/21 07:25
Matrix: Solid
Date Received: 02/25/21 16:22

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	Moisture		1	475076	03/02/21 13:06	AJ	TAL CAN

Client Sample ID: SB-36 (0-2)_HEX
Lab Sample ID: 240-145018-24
Date Collected: 02/25/21 07:25
Matrix: Solid
Date Received: 02/25/21 16:22
Percent Solids: 77.6

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3050B			475063	03/02/21 14:00	DEE	TAL CAN
Total/NA	Analysis	6010B		2	475501	03/04/21 21:49	DSH	TAL CAN
Total/NA	Prep	7471A			475073	03/02/21 14:00	DEE	TAL CAN
Total/NA	Analysis	7471A		1	475339	03/03/21 15:44	SLD	TAL CAN
Total/NA	Prep	3060A			475871	03/08/21 10:45	JMB	TAL CAN
Total/NA	Analysis	7196A		10	475897	03/08/21 14:35	JMB	TAL CAN

Client Sample ID: SB-36 (0-2)
Lab Sample ID: 240-145018-25
Date Collected: 02/25/21 07:20
Matrix: Solid
Date Received: 02/25/21 16:22

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	Moisture		1	474687	02/26/21 13:53	AJ	TAL CAN

Client Sample ID: SB-36 (0-2)
Lab Sample ID: 240-145018-25
Date Collected: 02/25/21 07:20
Matrix: Solid
Date Received: 02/25/21 16:22
Percent Solids: 69.5

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			475358	03/03/21 22:19	LAM	TAL CAN
Total/NA	Analysis	8260B		4	475851	03/08/21 16:52	SAM	TAL CAN

Client Sample ID: SB-36 (2-4)
Lab Sample ID: 240-145018-26
Date Collected: 02/25/21 07:25
Matrix: Solid
Date Received: 02/25/21 16:22

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	Moisture		1	474687	02/26/21 13:53	AJ	TAL CAN

Client Sample ID: SB-36 (2-4)
Lab Sample ID: 240-145018-26
Date Collected: 02/25/21 07:25
Matrix: Solid
Date Received: 02/25/21 16:22
Percent Solids: 75.5

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			475358	03/03/21 22:19	LAM	TAL CAN
Total/NA	Analysis	8260B		2.5	475851	03/08/21 17:18	SAM	TAL CAN

Client Sample ID: SB-36 (4-6)
Lab Sample ID: 240-145018-27
Date Collected: 02/25/21 07:30
Matrix: Solid
Date Received: 02/25/21 16:22

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	Moisture		1	474687	02/26/21 13:53	AJ	TAL CAN

Client Sample ID: SB-36 (4-6)
Lab Sample ID: 240-145018-27
Date Collected: 02/25/21 07:30
Matrix: Solid
Date Received: 02/25/21 16:22
Percent Solids: 91.7

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			475358	03/03/21 22:19	LAM	TAL CAN
Total/NA	Analysis	8260B		2	475851	03/08/21 17:43	SAM	TAL CAN

Client Sample ID: SB-53(0-2)
Lab Sample ID: 240-145018-29
Date Collected: 02/25/21 07:50
Matrix: Solid
Date Received: 02/25/21 16:22

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	Moisture		1	474687	02/26/21 13:53	AJ	TAL CAN

Client Sample ID: SB-53(0-2)
Lab Sample ID: 240-145018-29
Date Collected: 02/25/21 07:50
Matrix: Solid
Date Received: 02/25/21 16:22
Percent Solids: 78.5

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			475358	03/03/21 22:19	LAM	TAL CAN
Total/NA	Analysis	8260B		1	475851	03/08/21 18:08	SAM	TAL CAN

Client Sample ID: SB-53(2-4)
Lab Sample ID: 240-145018-30
Date Collected: 02/25/21 07:55
Matrix: Solid
Date Received: 02/25/21 16:22

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	Moisture		1	474687	02/26/21 13:53	AJ	TAL CAN

Client Sample ID: SB-53(2-4)
Lab Sample ID: 240-145018-30
Date Collected: 02/25/21 07:55
Matrix: Solid
Date Received: 02/25/21 16:22
Percent Solids: 75.0

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			475359	02/26/21 12:00	LAM	TAL CAN
Total/NA	Analysis	8260B		1	475720	03/06/21 11:54	TJL2	TAL CAN

Client Sample ID: SB-53(4-6)
Lab Sample ID: 240-145018-31
Date Collected: 02/25/21 08:00
Matrix: Solid
Date Received: 02/25/21 16:22

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	Moisture		1	474687	02/26/21 13:53	AJ	TAL CAN

Lab Chronicle

Client: TRC Environmental Corporation.
Project/Site: ABB 2019 \ 2020

Job ID: 240-145018-1

Client Sample ID: SB-53(4-6)
Lab Sample ID: 240-145018-31
Date Collected: 02/25/21 08:00
Matrix: Solid
Date Received: 02/25/21 16:22
Percent Solids: 79.6

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			475358	03/03/21 22:19	LAM	TAL CAN
Total/NA	Analysis	8260B		1	475851	03/08/21 19:24	SAM	TAL CAN

Client Sample ID: DUPLICATE_01
Lab Sample ID: 240-145018-32
Date Collected: 02/25/21 00:00
Matrix: Solid
Date Received: 02/25/21 16:22

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	Moisture		1	474687	02/26/21 13:53	AJ	TAL CAN

Client Sample ID: DUPLICATE_01
Lab Sample ID: 240-145018-32
Date Collected: 02/25/21 00:00
Matrix: Solid
Date Received: 02/25/21 16:22
Percent Solids: 80.7

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			475359	02/26/21 12:00	LAM	TAL CAN
Total/NA	Analysis	8260B		1	475720	03/06/21 12:17	TJL2	TAL CAN

Client Sample ID: WCA02-02(0-2)
Lab Sample ID: 240-145018-33
Date Collected: 02/25/21 09:55
Matrix: Solid
Date Received: 02/25/21 16:22

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	Moisture		1	474687	02/26/21 13:53	AJ	TAL CAN

Client Sample ID: WCA02-02(0-2)
Lab Sample ID: 240-145018-33
Date Collected: 02/25/21 09:55
Matrix: Solid
Date Received: 02/25/21 16:22
Percent Solids: 73.2

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			475358	03/03/21 22:19	LAM	TAL CAN
Total/NA	Analysis	8260B		10	476041	03/09/21 15:36	SAM	TAL CAN

Client Sample ID: WCA02-02(6-8)
Lab Sample ID: 240-145018-34
Date Collected: 02/25/21 10:00
Matrix: Solid
Date Received: 02/25/21 16:22

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	Moisture		1	474687	02/26/21 15:35	AJ	TAL CAN

Lab Chronicle

Client: TRC Environmental Corporation.
Project/Site: ABB 2019 \ 2020

Job ID: 240-145018-1

Client Sample ID: WCA02-02(6-8)

Lab Sample ID: 240-145018-34
Date Collected: 02/25/21 10:00
Matrix: Solid
Date Received: 02/25/21 16:22
Percent Solids: 88.7

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			475358	03/03/21 22:19	LAM	TAL CAN
Total/NA	Analysis	8260B		10	475851	03/08/21 18:58	SAM	TAL CAN

Client Sample ID: SB-40 (0-2)

Lab Sample ID: 240-145018-36
Date Collected: 02/25/21 10:55
Matrix: Solid
Date Received: 02/25/21 16:22

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	Moisture		1	474687	02/26/21 15:35	AJ	TAL CAN

Client Sample ID: SB-40 (0-2)

Lab Sample ID: 240-145018-36
Date Collected: 02/25/21 10:55
Matrix: Solid
Date Received: 02/25/21 16:22
Percent Solids: 89.7

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			475551	02/26/21 12:00	LAM	TAL CAN
Total/NA	Analysis	8260B		1	475720	03/06/21 12:40	TJL2	TAL CAN
Total/NA	Prep	5035			475358	03/03/21 22:19	LAM	TAL CAN
Total/NA	Analysis	8260B		1	475973	03/09/21 08:11	SAM	TAL CAN

Client Sample ID: SB-40 (2-4)

Lab Sample ID: 240-145018-37
Date Collected: 02/25/21 11:00
Matrix: Solid
Date Received: 02/25/21 16:22

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	Moisture		1	474687	02/26/21 15:35	AJ	TAL CAN

Client Sample ID: SB-40 (2-4)

Lab Sample ID: 240-145018-37
Date Collected: 02/25/21 11:00
Matrix: Solid
Date Received: 02/25/21 16:22
Percent Solids: 74.2

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			475551	02/26/21 12:00	LAM	TAL CAN
Total/NA	Analysis	8260B		1	475720	03/06/21 13:03	TJL2	TAL CAN

Client Sample ID: SB-40 (4-6)

Lab Sample ID: 240-145018-38
Date Collected: 02/25/21 10:45
Matrix: Solid
Date Received: 02/25/21 16:22

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	Moisture		1	474687	02/26/21 15:35	AJ	TAL CAN

Lab Chronicle

Client: TRC Environmental Corporation.
Project/Site: ABB 2019 \ 2020

Job ID: 240-145018-1

Client Sample ID: SB-40 (4-6)
Lab Sample ID: 240-145018-38
Date Collected: 02/25/21 10:45
Matrix: Solid
Date Received: 02/25/21 16:22
Percent Solids: 77.5

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			475551	02/26/21 12:00	LAM	TAL CAN
Total/NA	Analysis	8260B		1	475720	03/06/21 13:27	TJL2	TAL CAN

Client Sample ID: SB-46 (0-2)
Lab Sample ID: 240-145018-40
Date Collected: 02/25/21 11:20
Matrix: Solid
Date Received: 02/25/21 16:22

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	Moisture		1	474687	02/26/21 15:35	AJ	TAL CAN

Client Sample ID: SB-46 (0-2)
Lab Sample ID: 240-145018-40
Date Collected: 02/25/21 11:20
Matrix: Solid
Date Received: 02/25/21 16:22
Percent Solids: 91.3

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			475551	02/26/21 12:00	LAM	TAL CAN
Total/NA	Analysis	8260B		1	475851	03/08/21 20:14	SAM	TAL CAN

Client Sample ID: SB-46 (2-4)
Lab Sample ID: 240-145018-41
Date Collected: 02/25/21 11:25
Matrix: Solid
Date Received: 02/25/21 16:22

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	Moisture		1	474687	02/26/21 15:35	AJ	TAL CAN

Client Sample ID: SB-46 (2-4)
Lab Sample ID: 240-145018-41
Date Collected: 02/25/21 11:25
Matrix: Solid
Date Received: 02/25/21 16:22
Percent Solids: 75.8

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			475551	02/26/21 12:00	LAM	TAL CAN
Total/NA	Analysis	8260B		1	475851	03/08/21 20:40	SAM	TAL CAN

Client Sample ID: SB-46 (4-6)
Lab Sample ID: 240-145018-42
Date Collected: 02/25/21 11:30
Matrix: Solid
Date Received: 02/25/21 16:22

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	Moisture		1	474687	02/26/21 15:35	AJ	TAL CAN

Lab Chronicle

Client: TRC Environmental Corporation.
Project/Site: ABB 2019 \ 2020

Job ID: 240-145018-1

Client Sample ID: SB-46 (4-6)
Date Collected: 02/25/21 11:30
Date Received: 02/25/21 16:22

Lab Sample ID: 240-145018-42
Matrix: Solid
Percent Solids: 88.5

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			475551	02/26/21 01:38	LAM	TAL CAN
Total/NA	Analysis	8260B		1	475851	03/08/21 21:05	SAM	TAL CAN

Client Sample ID: SB-47 (0-2)
Date Collected: 02/25/21 13:00
Date Received: 02/25/21 16:22

Lab Sample ID: 240-145018-44
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	Moisture		1	474687	02/26/21 15:35	AJ	TAL CAN

Client Sample ID: SB-47 (0-2)
Date Collected: 02/25/21 13:00
Date Received: 02/25/21 16:22

Lab Sample ID: 240-145018-44
Matrix: Solid
Percent Solids: 89.5

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			475551	02/26/21 12:00	LAM	TAL CAN
Total/NA	Analysis	8260B		1	476041	03/09/21 13:55	SAM	TAL CAN

Client Sample ID: SB-47 (2-4)
Date Collected: 02/25/21 13:05
Date Received: 02/25/21 16:22

Lab Sample ID: 240-145018-45
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	Moisture		1	474687	02/26/21 15:35	AJ	TAL CAN

Client Sample ID: SB-47 (2-4)
Date Collected: 02/25/21 13:05
Date Received: 02/25/21 16:22

Lab Sample ID: 240-145018-45
Matrix: Solid
Percent Solids: 76.7

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			475551	02/26/21 12:00	LAM	TAL CAN
Total/NA	Analysis	8260B		1	476041	03/09/21 14:20	SAM	TAL CAN

Client Sample ID: SB-47 (4-6)
Date Collected: 02/25/21 13:10
Date Received: 02/25/21 16:22

Lab Sample ID: 240-145018-46
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	Moisture		1	474687	02/26/21 15:35	AJ	TAL CAN

Lab Chronicle

Client: TRC Environmental Corporation.
Project/Site: ABB 2019 \ 2020

Job ID: 240-145018-1

Client Sample ID: SB-47 (4-6)
Date Collected: 02/25/21 13:10
Date Received: 02/25/21 16:22

Lab Sample ID: 240-145018-46
Matrix: Solid
Percent Solids: 86.5

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			475551	02/26/21 12:00	LAM	TAL CAN
Total/NA	Analysis	8260B		1	476041	03/09/21 14:46	SAM	TAL CAN

Client Sample ID: WCA04-01
Date Collected: 02/25/21 13:30
Date Received: 02/25/21 16:22

Lab Sample ID: 240-145018-47
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
TCLP	Leach	1311			475711	03/05/21 16:45	DRJ	TAL CAN
TCLP	Analysis	8260B		1	475828	03/08/21 15:23	HMB	TAL CAN
TCLP	Leach	1311			474931	03/01/21 17:00	DRJ	TAL CAN
TCLP	Prep	3010A			475018	03/02/21 14:00	SLD	TAL CAN
TCLP	Analysis	6010B		1	475418	03/03/21 18:04	DSH	TAL CAN
TCLP	Leach	1311			474931	03/01/21 17:00	DRJ	TAL CAN
TCLP	Prep	7470A			475024	03/02/21 14:00	SLD	TAL CAN
TCLP	Analysis	7470A		1	475340	03/03/21 14:37	SLD	TAL CAN
Total/NA	Analysis	1010A		1	475848	03/08/21 10:38	TPH	TAL CAN
Total/NA	Analysis	9045D		1	475431	03/04/21 13:40	JR	TAL CAN
Total/NA	Analysis	Moisture		1	474687	02/26/21 15:35	AJ	TAL CAN

Client Sample ID: WCA04-01
Date Collected: 02/25/21 13:30
Date Received: 02/25/21 16:22

Lab Sample ID: 240-145018-47
Matrix: Solid
Percent Solids: 83.1

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			475551	02/26/21 12:00	LAM	TAL CAN
Total/NA	Analysis	8260B		1	476041	03/09/21 15:11	SAM	TAL CAN
Total/NA	Prep	9012A			475542	03/04/21 20:09	AGC	TAL CAN
Total/NA	Analysis	9012A		1	475549	03/04/21 22:08	AGC	TAL CAN
Total/NA	Prep	9030B			475022	03/02/21 08:52	KLR	TAL CAN
Total/NA	Analysis	9034		1	475087	03/02/21 14:15	KLR	TAL CAN

Client Sample ID: SB-50 (0-2)
Date Collected: 02/25/21 13:50
Date Received: 02/25/21 16:22

Lab Sample ID: 240-145018-49
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	Moisture		1	474687	02/26/21 15:35	AJ	TAL CAN

Client Sample ID: SB-50 (0-2)
Date Collected: 02/25/21 13:50
Date Received: 02/25/21 16:22

Lab Sample ID: 240-145018-49
Matrix: Solid
Percent Solids: 87.2

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			475551	02/26/21 12:00	LAM	TAL CAN
Total/NA	Analysis	8260B		1	475973	03/09/21 14:04	SAM	TAL CAN

Lab Chronicle

Client: TRC Environmental Corporation.
Project/Site: ABB 2019 \ 2020

Job ID: 240-145018-1

Client Sample ID: SB-50 (2-4)
Lab Sample ID: 240-145018-50
Date Collected: 02/25/21 13:55
Matrix: Solid
Date Received: 02/25/21 16:22

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	Moisture		1	474687	02/26/21 15:35	AJ	TAL CAN

Client Sample ID: SB-50 (2-4)
Lab Sample ID: 240-145018-50
Date Collected: 02/25/21 13:55
Matrix: Solid
Date Received: 02/25/21 16:22
Percent Solids: 87.9

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			475541	03/04/21 19:53	LAM	TAL CAN
Total/NA	Analysis	8260B		1	475973	03/09/21 09:39	SAM	TAL CAN

Client Sample ID: SB-50 (4-6)
Lab Sample ID: 240-145018-51
Date Collected: 02/25/21 14:00
Matrix: Solid
Date Received: 02/25/21 16:22

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	Moisture		1	474687	02/26/21 15:35	AJ	TAL CAN

Client Sample ID: SB-50 (4-6)
Lab Sample ID: 240-145018-51
Date Collected: 02/25/21 14:00
Matrix: Solid
Date Received: 02/25/21 16:22
Percent Solids: 80.7

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			475541	03/04/21 19:53	LAM	TAL CAN
Total/NA	Analysis	8260B		1	475973	03/09/21 10:01	SAM	TAL CAN

Client Sample ID: SB-42 (0-2)
Lab Sample ID: 240-145018-53
Date Collected: 02/25/21 14:20
Matrix: Solid
Date Received: 02/25/21 16:22

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	Moisture		1	474687	02/26/21 15:35	AJ	TAL CAN

Client Sample ID: SB-42 (0-2)
Lab Sample ID: 240-145018-53
Date Collected: 02/25/21 14:20
Matrix: Solid
Date Received: 02/25/21 16:22
Percent Solids: 83.8

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			475541	03/04/21 19:53	LAM	TAL CAN
Total/NA	Analysis	8260B		1	475973	03/09/21 10:23	SAM	TAL CAN

Client Sample ID: SB-42 (2-4)
Lab Sample ID: 240-145018-54
Date Collected: 02/25/21 14:25
Matrix: Solid
Date Received: 02/25/21 16:22

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	Moisture		1	474687	02/26/21 15:35	AJ	TAL CAN

Lab Chronicle

Client: TRC Environmental Corporation.
Project/Site: ABB 2019 \ 2020

Job ID: 240-145018-1

Client Sample ID: SB-42 (2-4)
Lab Sample ID: 240-145018-54
Date Collected: 02/25/21 14:25
Matrix: Solid
Date Received: 02/25/21 16:22
Percent Solids: 84.8

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			475541	03/04/21 19:53	LAM	TAL CAN
Total/NA	Analysis	8260B		1	475973	03/09/21 10:45	SAM	TAL CAN

Client Sample ID: SB-42 (4-6)
Lab Sample ID: 240-145018-55
Date Collected: 02/25/21 14:39
Matrix: Solid
Date Received: 02/25/21 16:22

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	Moisture		1	474687	02/26/21 15:35	AJ	TAL CAN

Client Sample ID: SB-42 (4-6)
Lab Sample ID: 240-145018-55
Date Collected: 02/25/21 14:39
Matrix: Solid
Date Received: 02/25/21 16:22
Percent Solids: 91.1

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			475541	03/04/21 19:53	LAM	TAL CAN
Total/NA	Analysis	8260B		25	476239	03/10/21 14:23	SAM	TAL CAN

Client Sample ID: SB-43 (0-2)
Lab Sample ID: 240-145018-57
Date Collected: 02/25/21 14:55
Matrix: Solid
Date Received: 02/25/21 16:22

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	Moisture		1	474687	02/26/21 15:35	AJ	TAL CAN

Client Sample ID: SB-43 (0-2)
Lab Sample ID: 240-145018-57
Date Collected: 02/25/21 14:55
Matrix: Solid
Date Received: 02/25/21 16:22
Percent Solids: 87.9

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			475551	02/26/21 12:00	LAM	TAL CAN
Total/NA	Analysis	8260B		1	476239	03/10/21 16:00	SAM	TAL CAN

Client Sample ID: SB-43 (2-4)
Lab Sample ID: 240-145018-58
Date Collected: 02/25/21 15:00
Matrix: Solid
Date Received: 02/25/21 16:22

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	Moisture		1	474687	02/26/21 15:35	AJ	TAL CAN

Lab Chronicle

Client: TRC Environmental Corporation.
Project/Site: ABB 2019 \ 2020

Job ID: 240-145018-1

Client Sample ID: SB-43 (2-4)
Lab Sample ID: 240-145018-58
Date Collected: 02/25/21 15:00
Matrix: Solid
Date Received: 02/25/21 16:22
Percent Solids: 75.0

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			475541	03/04/21 19:53	LAM	TAL CAN
Total/NA	Analysis	8260B		1	475973	03/09/21 11:51	SAM	TAL CAN

Client Sample ID: SB-43 (4-6)
Lab Sample ID: 240-145018-59
Date Collected: 02/25/21 15:05
Matrix: Solid
Date Received: 02/25/21 16:22

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	Moisture		1	474687	02/26/21 15:35	AJ	TAL CAN

Client Sample ID: SB-43 (4-6)
Lab Sample ID: 240-145018-59
Date Collected: 02/25/21 15:05
Matrix: Solid
Date Received: 02/25/21 16:22
Percent Solids: 86.1

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			475541	03/04/21 19:53	LAM	TAL CAN
Total/NA	Analysis	8260B		3.333	476239	03/10/21 14:47	SAM	TAL CAN

Client Sample ID: SB-43 (6-8)
Lab Sample ID: 240-145018-60
Date Collected: 02/25/21 15:10
Matrix: Solid
Date Received: 02/25/21 16:22

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	Moisture		1	474687	02/26/21 15:35	AJ	TAL CAN

Client Sample ID: SB-43 (6-8)
Lab Sample ID: 240-145018-60
Date Collected: 02/25/21 15:10
Matrix: Solid
Date Received: 02/25/21 16:22
Percent Solids: 94.2

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			475541	03/04/21 19:53	LAM	TAL CAN
Total/NA	Analysis	8260B		25	476239	03/10/21 15:11	SAM	TAL CAN

Client Sample ID: SB-43 (8-10)
Lab Sample ID: 240-145018-61
Date Collected: 02/25/21 15:10
Matrix: Solid
Date Received: 02/25/21 16:22

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	Moisture		1	474687	02/26/21 15:35	AJ	TAL CAN

Lab Chronicle

Client: TRC Environmental Corporation.
Project/Site: ABB 2019 \ 2020

Job ID: 240-145018-1

Client Sample ID: SB-43 (8-10)

Lab Sample ID: 240-145018-61
Date Collected: 02/25/21 15:10
Matrix: Solid
Date Received: 02/25/21 16:22
Percent Solids: 93.2

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			475541	03/04/21 19:53	LAM	TAL CAN
Total/NA	Analysis	8260B		10	475973	03/09/21 12:58	SAM	TAL CAN

Client Sample ID: DUP-02

Lab Sample ID: 240-145018-62
Date Collected: 02/25/21 00:00
Matrix: Solid
Date Received: 02/25/21 16:22

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	Moisture		1	474687	02/26/21 15:35	AJ	TAL CAN

Client Sample ID: DUP-02

Lab Sample ID: 240-145018-62
Date Collected: 02/25/21 00:00
Matrix: Solid
Date Received: 02/25/21 16:22
Percent Solids: 93.3

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			475541	03/04/21 19:53	LAM	TAL CAN
Total/NA	Analysis	8260B		10	475973	03/09/21 13:20	SAM	TAL CAN

Laboratory References:

TAL CAN = Eurofins TestAmerica, Canton, 4101 Shuffel Street NW, North Canton, OH 44720, TEL (330)497-9396

Accreditation/Certification Summary

Client: TRC Environmental Corporation.
Project/Site: ABB 2019 \ 2020

Job ID: 240-145018-1

Laboratory: Eurofins TestAmerica, Canton

Unless otherwise noted, all analytes for this laboratory were covered under each accreditation/certification below.

Authority	Program	Identification Number	Expiration Date
Ohio VAP	State	CL0024	12-21-23

The following analytes are included in this report, but the laboratory is not certified by the governing authority. This list may include analytes for which the agency does not offer certification.

Analysis Method	Prep Method	Matrix	Analyte
1010A		Solid	Flashpoint
6010B	3010A	Solid	Arsenic
6010B	3010A	Solid	Barium
6010B	3010A	Solid	Cadmium
6010B	3010A	Solid	Chromium
6010B	3010A	Solid	Lead
6010B	3010A	Solid	Selenium
6010B	3010A	Solid	Silver
6010B	3050B	Solid	Arsenic
6010B	3050B	Solid	Barium
6010B	3050B	Solid	Cadmium
6010B	3050B	Solid	Chromium
6010B	3050B	Solid	Lead
6010B	3050B	Solid	Selenium
6010B	3050B	Solid	Silver
7470A	7470A	Solid	Mercury
8260B		Solid	1,1-Dichloroethene
8260B		Solid	1,2-Dichloroethane
8260B		Solid	2-Butanone (MEK)
8260B		Solid	Benzene
8260B		Solid	Carbon tetrachloride
8260B		Solid	Chlorobenzene
8260B		Solid	Chloroform
8260B		Solid	Tetrachloroethene
8260B		Solid	Trichloroethene
8260B		Solid	Vinyl chloride
8260B	5035	Solid	1,1,1-Trichloroethane
8260B	5035	Solid	1,1,2,2-Tetrachloroethane
8260B	5035	Solid	1,1,2-Trichloroethane
8260B	5035	Solid	1,1-Dichloroethane
8260B	5035	Solid	1,1-Dichloroethene
8260B	5035	Solid	1,2,4-Trichlorobenzene
8260B	5035	Solid	1,2-Dibromo-3-Chloropropane
8260B	5035	Solid	1,2-Dichlorobenzene
8260B	5035	Solid	1,2-Dichloroethane
8260B	5035	Solid	1,2-Dichloropropane
8260B	5035	Solid	1,3-Dichlorobenzene
8260B	5035	Solid	1,4-Dichlorobenzene
8260B	5035	Solid	1,4-Dioxane
8260B	5035	Solid	2-Butanone (MEK)
8260B	5035	Solid	2-Hexanone
8260B	5035	Solid	4-Methyl-2-pentanone (MIBK)
8260B	5035	Solid	Acetone
8260B	5035	Solid	Benzene
8260B	5035	Solid	Bromoform

Laboratory: Eurofins TestAmerica, Canton (Continued)

Unless otherwise noted, all analytes for this laboratory were covered under each accreditation/certification below.

Authority		Program		Identification Number	Expiration Date
Ohio VAP		State		CL0024	12-21-23
8260B	5035	Solid	Bromomethane		
8260B	5035	Solid	Carbon disulfide		
8260B	5035	Solid	Carbon tetrachloride		
8260B	5035	Solid	Chlorobenzene		
8260B	5035	Solid	Chlorodibromomethane		
8260B	5035	Solid	Chloroethane		
8260B	5035	Solid	Chloroform		
8260B	5035	Solid	Chloromethane		
8260B	5035	Solid	cis-1,2-Dichloroethene		
8260B	5035	Solid	cis-1,3-Dichloropropene		
8260B	5035	Solid	Dichlorobromomethane		
8260B	5035	Solid	Dichlorodifluoromethane		
8260B	5035	Solid	Ethylbenzene		
8260B	5035	Solid	Ethylene Dibromide		
8260B	5035	Solid	Isopropylbenzene		
8260B	5035	Solid	Methyl tert-butyl ether		
8260B	5035	Solid	Methylene Chloride		
8260B	5035	Solid	Naphthalene		
8260B	5035	Solid	Styrene		
8260B	5035	Solid	Tetrachloroethene		
8260B	5035	Solid	Toluene		
8260B	5035	Solid	trans-1,2-Dichloroethene		
8260B	5035	Solid	trans-1,3-Dichloropropene		
8260B	5035	Solid	Trichloroethene		
8260B	5035	Solid	Trichlorofluoromethane		
8260B	5035	Solid	Vinyl chloride		
8260B	5035	Solid	Xylenes, Total		
9012A	9012A	Solid	Cyanide, Total		
9034	9030B	Solid	Sulfide		
9034	9030B	Solid	Sulfide as H2S		
9045D		Solid	Corrosivity		
9045D		Solid	pH		
Moisture		Solid	Percent Moisture		
Moisture		Solid	Percent Solids		

Chain of Custody Record 497081

eurofins | Environment Testing TestAmerica

Address: _____

Regulatory Program: ☐ DW ☐ NPDES ☐ RCRA ☐ Other:

TAL-8210

Client Contact	Project Manager: DAVID KREGER	Site Contact: KENTON FOWLER	Date: 2/25/2021	COC No: 497081
Company Name: TRC	Tel/Email: (734) 904-3312	Lab Contact: LESLIE HOWELL	Carrier: HAND DELIVER	1 of ____ COCs
Address:	Analysis Turnaround Time			Sampler:
City/State/Zip:	☐ CALENDAR DAYS ☐ WORKING DAYS			For Lab Use Only:
Phone:	TAT if different from Below ____			Walk-in Client:
Fax:	☐ 2 weeks			Lab Sampling:
Project Name: ABB-WICKLIFFE	☐ 1 week			
Site: WICKLIFFE, OHIO	☐ 2 days			Job / SDG No.:
P O #	☐ 1 day			

Sample Identification	Sample Date	Sample Time	Sample Type (C=Comp, G=Grab)	Matrix	# of Cont.	Filtered Sample (Y/N)	Perform MS/MSD (Y/N)	8260-VOCs	SPLP (HOLD)	Sample Specific Notes:
SB-52 (0-2)	2/24/21	15:30	GRAB	SOIL	4			X		
SB-52 (2-4)		15:40			4			X		
SB-52 (4-6)		15:45			4			X		
SB-52		15:30			1				X	HOLD
SB-48 (0-2)		16:15			4			X		
SB-48 (2-4)		16:20			4			X		
SB-48 (4-6)		16:25			4			X		
SB-48		16:30			1				X	HOLD
SB-41	2/25/21	1035	C		1				X	HOLD
SB-41 (0-2)		1020	G		4			X		
SB-41 (2-4)		1025	G		4			X		
SB-41 (4-6)		1030	G		4			X		

Preservation Used: 1= Ice, 2= HCl; 3= H2SO4; 4=HNO3; 5=NaOH; 6= Other _____

Possible Hazard Identification:
Are any samples from a listed EPA Hazardous Waste? Please List any EPA Waste Codes for the sample in the Comments Section if the lab is to dispose of the sample.

☐ Non-Hazard ☐ Flammable ☐ Skin Irritant ☐ Poison B ☐ Unknown

Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)

☐ Return to Client ☐ Disposal by Lab ☐ Archive for _____ Months

Special Instructions/QC Requirements & Comments: OHIO VAP CERTIFIED DATA

Custody Seals Intact: ☐ Yes ☐ No | Custody Seal No.: | Cooler Temp. (°C): Obs'd: _____ Corr'd: _____ Therm ID No.: _____

Relinquished by:	Company:	Date/Time:	Received by:	Company:	Date/Time:
Kenton Fowler	TRC	2/25/21 1622	Adam Gomez	ETA	2-25-21 1622
Relinquished by:	Company:	Date/Time:	Received by:	Company:	Date/Time:
Relinquished by:	Company:	Date/Time:	Received in Laboratory by:	Company:	Date/Time:

240-145018 Chain of Custody

Eurofins TestAmerica, Canton
4101 Shuffel Street NW
North Canton, OH 44720
Phone: 330-497-9396 Fax: 330-497-0772

Chain of Custody Record

eurofins | Environment Testing America

Client Information	Sampler: KENTON FOWLER	Lab PM: Howell, Leslie	Carrier Tracking No(s):	COC No: 240-77477-30888.2
Client Contact: Kathleen Teuscher	Phone: 513-675-5189	E-Mail: Leslie.Howell@Eurofinset.com	State of Origin:	Page: Page 2 of 12
Company: TRC Environmental Corporation	PWSID:			Job #:
Address: 1382 West Ninth Street Suite 400	Due Date Requested:			
City: Cleveland	TAT Requested (days):			
State, Zip: OH, 44113	Compliance Project: \ Yes \ No			
Phone:	PO #: Purchase Order Requested			
Email: kteuscher@trccompanies.com	WO #:			
Project Name: ABB 2019 \ 2020	Project #: 24024033			
Site:	SSOW#:			

Analysis Requested

Preservation Codes:
A - HCL, B - NaOH, C - Zn Acetate, D - Nitric Acid, E - NaHSO4, F - MeOH, G - Amchlor, H - Ascorbic Acid, I - Ice, J - DI Water, K - EDTA, L - EDA
M - Hexane, N - None, O - AsNaO2, P - Na2O4S, Q - Na2SO3, R - Na2S2O3, S - H2SO4, T - TSP Dodecahydrate, U - Acetone, V - MCAA, W - pH 4-5, Z - other (specify)
Other:

Sample Identification	Sample Date	Sample Time	Sample Type (C=comp, G=grab)	Matrix (W=water, S=solid, O=waste/oil, BT=Tissue, A=Air)	Field Filtered Sample (Yes or No)	Perform MS/MSD (Yes or No)	8260B - (MOD) TCL OLM03.1/4.2 Volatile Analyte L	6010B, 7196A	8260B - SPLP VOC	1010 - Ignitability	8260B - TCLP Volatiles	9012A, 9034_Calc, 9045C	6010B, 7470A	8260B - (MOD) TCL OLM03.1/4.2 Volatile Analyte L	Total Number of containers	Special Instructions/Note:
				Preservation Code:			N	N	N	N	N	N	N	A		
SB-38	2/25/21	835	C	Solid					1							
SB-38 (0-2)		825	G	Solid			1									
SB-38 (2-4)		830	G	Solid			1									
SB-38 (4-6)		835	G	Solid			1									
SB-39		900	C	Solid					1							
SB-39 (0-2)		845	G	Solid			1									
SB-39 (2-4)		850	G	Solid			1									
SB-39 (4-6)		855	G	Solid			1									
WCA02-01		915		Solid			1			1	1	1	1		5	
WCA02-02		950		Solid			1			1	1	1	1		5	
				Solid												

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

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

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

Special Instructions/QC Requirements:

Empty Kit Relinquished by:	Date:	Time:	Method of Shipment:		
Relinquished by: Kenton Fowler	Date/Time: 2/25/21 @ 1622	Company: TRC	Received by: Adam Gorrell	Date/Time: 2-25-21 1622	Company: ETA
Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company
Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company

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

Ver: 11.01.2020

Eurofins TestAmerica, Canton
4101 Shuffel Street NW
North Canton, OH 44720
Phone: 330-497-9396 Fax: 330-497-0772

Chain of Custody Record

eurofins | Environment Testing America

Client Information	Sampler:	Lab PM: Howell, Leslie	Carrier Tracking No(s):	COC No: 240-77477-30888.3
Client Contact: Kathleen Teuscher	Phone:	E-Mail: Leslie.Howell@Eurofinset.com	State of Origin:	Page: Page 3 of 12
Company: TRC Environmental Corporation	PWSID:			Job #:
Address: 1382 West Ninth Street Suite 400	Due Date Requested:			
City: Cleveland	TAT Requested (days):			
State, Zip: OH, 44113	Compliance Project: Δ Yes Δ No			
Phone:	PO #: Purchase Order Requested			
Email: kteuscher@trccompanies.com	WO #:			
Project Name: ABB 2019 \ 2020	Project #: 24024033			
Site:	SSOW#:			

Analysis Requested

Preservation Codes:
A - HCL, B - NaOH, C - Zn Acetate, D - Nitric Acid, E - NaHSO4, F - MeOH, G - Amchlor, H - Ascorbic Acid, I - Ice, J - DI Water, K - EDTA, L - EDA, M - Hexane, N - None, O - AsNaO2, P - Na2O4S, Q - Na2SO3, R - Na2S2O3, S - H2SO4, T - TSP Dodecahydrate, U - Acetone, V - MCAA, W - pH 4-5, Z - other (specify)
Other:

Sample Identification	Sample Date	Sample Time	Sample Type (C=comp, G=grab)	Matrix (W=water, S=solid, O=waste/oil, BT=Tissue, A=Air)	Field Filtered Sample (Yes or No)	Perform MS/MSD (Yes or No)	8260B - (MOD) TCL OLM03.1/4.2 Volatile Analyte L	6010B, 7196A	8260B - SPLP VOC	1010 - Ignitability	8260B - TCLP Volatiles	9012A, 9034_Calc, 9045C	6010B, 7470A	8260B - (MOD) TCL OLM03.1/4.2 Volatile Analyte L	Total Number of containers	Special Instructions/Note:
				Preservation Code:			N	N	N	N	N	N	N	A		
SB-36	2/25/21	735	C	Solid					1						1	
SB-36 (0-2)_HEX		725	G	Solid				1							1	
SB-36 (0-2)		720	G	Solid			1								1	
SB-36 (2-4)		725	G	Solid			1								1	
SB-36 (4-6)		730	G	Solid			1								1	
SB-53		805	C	Solid					1						1	
SB-53 (0-2)		750	G	Solid			1								1	
SB-53 (2-4)		755	G	Solid			1								1	
SB-53 (4-6)		800	G	Solid			1								1	
DUPLICATE_01			G	Solid			1								1	
				Solid												

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

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

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

Special Instructions/QC Requirements:

Empty Kit Relinquished by:	Date:	Time:	Method of Shipment:		
Relinquished by: K L Fish	Date/Time: 2/25/21 1622	Company: TRC	Received by: [signature]	Date/Time: 2-25-21 1622	Company: EMA
Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company
Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company

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

Ver: 11 01 2020

Eurofins TestAmerica, Canton
4101 Shuffel Street NW
North Canton, OH 44720
Phone: 330-497-9396 Fax: 330-497-0772

Chain of Custody Record

eurofins | Environment Testing America

Client Information	Sampler: Kenton Fowler	Lab PM: Howell, Leslie	Carrier Tracking No(s):	COC No: 240-77477-30888.5
Client Contact: Kathleen Teuscher	Phone: 513-675-5189	E-Mail: Leslie.Howell@Eurofinset.com	State of Origin:	Page: Page 5 of 12
Company: TRC Environmental Corporation	PWSID:			Job #:
Address: 1382 West Ninth Street Suite 400	Due Date Requested:			
City: Cleveland	TAT Requested (days):			
State, Zip: OH, 44113	Compliance Project: ☐ Yes ☐ No			
Phone:	PO #: Purchase Order Requested			
Email: kteuscher@trccompanies.com	WO #:			
Project Name: ABB 2019 \ 2020	Project #: 24024033			
Site:	SSOW#:			

Analysis Requested

Preservation Codes:
A - HCL, B - NaOH, C - Zn Acetate, D - Nitric Acid, E - NaHSO4, F - MeOH, G - Amchlor, H - Ascorbic Acid, I - Ice, J - DI Water, K - EDTA, L - EDA
M - Hexane, N - None, O - AsNaO2, P - Na2O4S, Q - Na2SO3, R - Na2S2O3, S - H2SO4, T - TSP Dodecahydrate, U - Acetone, V - MCAA, W - pH 4-5, Z - other (specify)
Other:

Sample Identification	Sample Date	Sample Time	Sample Type (C=comp, G=grab)	Matrix (W=water, S=solid, O=waste/oil, BT=Tissue, A=Air)	Field Filtered Sample (Yes or No)	Perform MS/MSD (Yes or No)	8260B - (MOD) TCL OLM03.1/4.2 Volatile Analyte L	6010B, 7196A	8260B - SPLP VOC	1010 - Ignitability	8260B - TCLP Volatiles	9012A, 9034_Calc, 9045C	6010B, 7470A	8260B - (MOD) TCL OLM03.1/4.2 Volatile Analyte L						Total Number of containers	Special Instructions/Note:
				Preservation Code:			N	N	N	N	N	N	N	A							
WCA02-02 (0-2)	2/25/21	955	G	Solid			1													1	
WCA02-02 (6-8)	2/25/21	1000	G	Solid			1													1	
				Solid																	
				Solid																	
				Solid																	
				Solid																	
				Solid																	
				Solid																	
				Solid																	
				Solid																	
				Solid																	

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

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

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

Special Instructions/QC Requirements:

Empty Kit Relinquished by:	Date:	Time:	Method of Shipment:		
Relinquished by: Kenton Fowler	Date/Time: 2/25/21 @ 1622	Company: TRC	Received by: Adam Bennett	Date/Time: 2-25-21 1622	Company: ETA
Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company
Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company

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

Ver: 11.01.2020

Eurofins TestAmerica, Canton
4101 Shuffel Street NW
North Canton, OH 44720
Phone: 330-497-9396 Fax: 330-497-0772

Chain of Custody Record

eurofins | Environment Testing America

Client Information	Sampler: KENTON FOWLER	Lab PM: Howell, Leslie	Carrier Tracking No(s):	COC No: 240-77477-30888.6
Client Contact: Kathleen Teuscher	Phone: 513-675-5189	E-Mail: Leslie.Howell@Eurofinset.com	State of Origin:	Page: Page 6 of 12
Company: TRC Environmental Corporation	PWSID:			Job #:
Address: 1382 West Ninth Street Suite 400	Due Date Requested:			
City: Cleveland	TAT Requested (days):			
State, Zip: OH, 44113	Compliance Project: \ Yes \ No			
Phone:	PO #: Purchase Order Requested			
Email: kteuscher@trccompanies.com	WO #:			
Project Name: ABB 2019 \ 2020	Project #: 24024033			
Site:	SSOW#:			

Analysis Requested

Preservation Codes:
A - HCL, B - NaOH, C - Zn Acetate, D - Nitric Acid, E - NaHSO4, F - MeOH, G - Amchlor, H - Ascorbic Acid, I - Ice, J - DI Water, K - EDTA, L - EDA
M - Hexane, N - None, O - AsNaO2, P - Na2O4S, Q - Na2SO3, R - Na2S2O3, S - H2SO4, T - TSP Dodecahydrate, U - Acetone, V - MCAA, W - pH 4-5, Z - other (specify)
Other:

Sample Identification	Sample Date	Sample Time	Sample Type (C=comp, G=grab)	Matrix (W=water, S=solid, O=waste/oil, BT=Tissue, A=Air)	Field Filtered Sample (Yes or No)	Perform MS/MSD (Yes or No)	8260B - (MOD) TCL OLM03.1/4.2 Volatile Analyte L	6010B, 7196A	8260B - SPLP VOC	1010 - Ignitability	8260B - TCLP Volatiles	9012A, 9034_Calc, 9045C	6010B, 7470A	8260B - (MOD) TCL OLM03.1/4.2 Volatile Analyte L						Total Number of containers	Special Instructions/Note:
				Preservation Code:			N	N	N	N	N	N	N	A							
SB-40	2/25/21	1105	C	Solid					1											1	
SB-40 (0-2)		1055	G	Solid			1													1	
SB-40 (2-4)		1100	G	Solid			1													1	
SB-40 (4-6)		1045	G	Solid			1													1	
				Solid																	
				Solid																	
				Solid																	
				Solid																	
				Solid																	
				Solid																	
				Solid																	

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

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

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

Special Instructions/QC Requirements:

Empty Kit Relinquished by:	Date:	Time:	Method of Shipment:		
Relinquished by: Kenton Fowler	Date/Time: 2/25/2021 @ 1622	Company: TRC	Received by: [signature]	Date/Time: 2-25-21 1622	Company: ETA
Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company
Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company

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

Ver: 11.01.2020

Eurofins TestAmerica, Canton
4101 Shuffel Street NW
North Canton, OH 44720
Phone: 330-497-9396 Fax: 330-497-0772

Chain of Custody Record

eurofins | Environment Testing America

Client Information	Sampler: KENTON FOWLER	Lab PM: Howell, Leslie	Carrier Tracking No(s):	COC No: 240-77477-30888.7
Client Contact: Kathleen Teuscher	Phone: 513-675-5189	E-Mail: Leslie.Howell@Eurofinset.com	State of Origin:	Page: Page 7 of 12
Company: TRC Environmental Corporation	PWSID:			Job #:
Address: 1382 West Ninth Street Suite 400	Due Date Requested:			
City: Cleveland	TAT Requested (days):			
State, Zip: OH, 44113	Compliance Project: ∧ Yes ∧ No			
Phone:	PO #: Purchase Order Requested			
Email: kteuscher@trccompanies.com	WO #:			
Project Name: ABB 2019 \ 2020	Project #: 24024033			
Site:	SSOW#:			

Analysis Requested

Preservation Codes:
A - HCL, B - NaOH, C - Zn Acetate, D - Nitric Acid, E - NaHSO4, F - MeOH, G - Amchlor, H - Ascorbic Acid, I - Ice, J - DI Water, K - EDTA, L - EDA
M - Hexane, N - None, O - AsNaO2, P - Na2O4S, Q - Na2SO3, R - Na2S2O3, S - H2SO4, T - TSP Dodecahydrate, U - Acetone, V - MCAA, W - pH 4-5, Z - other (specify)
Other:

Sample Identification	Sample Date	Sample Time	Sample Type (C=comp, G=grab)	Matrix (W=water, S=solid, O=waste/oil, BT=Tissue, A=Air)	Field Filtered Sample (Yes or No)	Perform MS/MSD (Yes or No)	8260B - (MOD) TCL OLM03.1/4.2 Volatile Analyte L	6010B, 7196A	8260B - SPLP VOC	1010 - Ignitability	8260B - TCLP Volatiles	9012A, 9034_Calc, 9045C	6010B, 7470A	8260B - (MOD) TCL OLM03.1/4.2 Volatile Analyte L						Total Number of containers	Special Instructions/Note:
				Preservation Code:			N	N	N	N	N	N	N	A							
SB-46	2/25/21	1130	C	Solid					1											1	HOLD
SB-46 (0-2)		1120	G	Solid			1													1	
SB-46 (2-4)		1125	G	Solid			1													1	
SB-46 (4-6)		1130	G	Solid			1													1	
SB-47		1310	C	Solid					1											1	HOLD
SB-47 (0-2)		1300	G	Solid			1													1	
SB-47 (2-4)		1305	G	Solid			1													1	
SB-47 (4-6)		1310	G	Solid			1													1	
WCA04-01		1330	G	Solid			1			1	1	1	1							5	
				Solid																	
				Solid																	

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

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

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

Special Instructions/QC Requirements:

Empty Kit Relinquished by:	Date:	Time:	Method of Shipment:		
Relinquished by: Kenton Fowler	Date/Time: 2/25/2021 1622	Company: TRC	Received by: Adam Gomez	Date/Time: 2-25-21 1622	Company: EMA
Relinquished by:	Date/Time:	Company:	Received by:	Date/Time:	Company:
Relinquished by:	Date/Time:	Company:	Received by:	Date/Time:	Company:

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

Ver: 11/01/2020

Eurofins TestAmerica, Canton
4101 Shuffel Street NW
North Canton, OH 44720
Phone: 330-497-9396 Fax: 330-497-0772

Chain of Custody Record

eurofins | Environment Testing America

Client Information	Sampler: Kenton Fowler	Lab PM: Howell, Leslie	Carrier Tracking No(s):	COC No: 240-77477-30888.8
Client Contact: Kathleen Teuscher	Phone: 513-675-5189	E-Mail: Leslie.Howell@Eurofinset.com	State of Origin:	Page: Page 8 of 12
Company: TRC Environmental Corporation	PWSID:			Job #:
Address: 1382 West Ninth Street Suite 400	Due Date Requested:			
City: Cleveland	TAT Requested (days):			
State, Zip: OH, 44113	Compliance Project: ☐ Yes ☐ No			
Phone:	PO #: Purchase Order Requested			
Email: kteuscher@trccompanies.com	WO #:			
Project Name: ABB 2019 \ 2020	Project #: 24024033			
Site:	SSOW#:			

Analysis Requested

Preservation Codes:
A - HCL, B - NaOH, C - Zn Acetate, D - Nitric Acid, E - NaHSO4, F - MeOH, G - Amchlor, H - Ascorbic Acid, I - Ice, J - DI Water, K - EDTA, L - EDA, M - Hexane, N - None, O - AsNaO2, P - Na2O4S, Q - Na2SO3, R - Na2S2O3, S - H2SO4, T - TSP Dodecahydrate, U - Acetone, V - MCAA, W - pH 4-5, Z - other (specify)
Other:

Sample Identification	Sample Date	Sample Time	Sample Type (C=comp, G=grab)	Matrix (W=water, S=solid, O=waste/oil, BT=Tissue, A=Air)	Field Filtered Sample (Yes or No)	Perform MS/MSD (Yes or No)	8260B - (MOD) TCL OLM03.1/4.2 Volatile Analyte L	6010B, 7196A	8260B - SPLP VOC	1010 - Ignitability	8260B - TCLP Volatiles	9012A, 9034_Calc, 9045C	6010B, 7470A	8260B - (MOD) TCL OLM03.1/4.2 Volatile Analyte L						Total Number of containers	Special Instructions/Note:
				Preservation Code:			N	N	N	N	N	N	N	A							
SB-50	2/25/21	1400	C	Solid					1											1	HOLD
SB-50 (0-2)		1350	G	Solid			1													1	
SB-50 (2-4)		1355	G	Solid			1													1	
SB-50 (4-6)		1400	G	Solid			1													1	
SB-42		1430 ~~1425~~	C	Solid					1											1	HOLD 1430
SB-42 (0-2)		1420	G	Solid			1													1	
SB-42 (2-4)		1425	G	Solid			1													1	
SB-42 (4-6		1430 ~~1425~~	G	Solid			1													1	SAMPLE TIME 1430
				Solid																	
				Solid																	
				Solid																	

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

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

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

Special Instructions/QC Requirements:

Empty Kit Relinquished by:	Date:	Time:	Method of Shipment:		
Relinquished by: Kenton Fowler	Date/Time: 2/25/21 1622	Company: TRC	Received by: Adam Powell	Date/Time: 2-25-21 1622	Company: EAA
Relinquished by:	Date/Time:	Company:	Received by:	Date/Time:	Company:
Relinquished by:	Date/Time:	Company:	Received by:	Date/Time:	Company:

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

Ver: 11.01.2020

Eurofins TestAmerica, Canton
4101 Shuffel Street NW
North Canton, OH 44720
Phone: 330-497-9396 Fax: 330-497-0772

Chain of Custody Record

eurofins | Environment Testing America

Client Information	Sampler: Kenton Fowler	Lab PM: Howell, Leslie	Carrier Tracking No(s):	COC No: 240-77477-30888.12
Client Contact: Kathleen Teuscher	Phone: 513-675-5189	E-Mail: Leslie.Howell@Eurofinset.com	State of Origin:	Page: Page 12 of 12
Company: TRC Environmental Corporation	PWSID:			Job #:
Address: 1382 West Ninth Street Suite 400	Due Date Requested:			
City: Cleveland	TAT Requested (days):			
State, Zip: OH, 44113	Compliance Project: ☐ Yes ☐ No			
Phone:	PO #: Purchase Order Requested			
Email: kteuscher@trccompanies.com	WO #:			
Project Name: ABB 2019 \ 2020	Project #: 24024033			
Site:	SSOW#:			

Analysis Requested

Preservation Codes:
A - HCL, B - NaOH, C - Zn Acetate, D - Nitric Acid, E - NaHSO4, F - MeOH, G - Amchlor, H - Ascorbic Acid, I - Ice, J - DI Water, K - EDTA, L - EDA, M - Hexane, N - None, O - AsNaO2, P - Na2O4S, Q - Na2SO3, R - Na2S2O3, S - H2SO4, T - TSP Dodecahydrate, U - Acetone, V - MCAA, W - pH 4-5, Z - other (specify)
Other:

Sample Identification	Sample Date	Sample Time	Sample Type (C=comp, G=grab)	Matrix (W=water, S=solid, O=waste/oil, BT=Tissue, A=Air)	Field Filtered Sample (Yes or No)	Perform MS/MSD (Yes or No)	8260B - (MOD) TCL OLM03.1/4.2 Volatile Analyte L	6010B, 7196A	8260B - SPLP VOC	1010 - Ignitability	8260B - TCLP Volatiles	9012A, 9034_Calc, 9045C	6010B, 7470A	8260B - (MOD) TCL OLM03.1/4.2 Volatile Analyte L						Total Number of containers	Special Instructions/Note:
			Preservation Code:				N	N	N	N	N	N	N	A							
SB-43	2/25/21	1515	C	Solid					1											1	HOLD
SB-43 (0-2)		1455	G	Solid			1													1	
SB-43 (2-4)		1500	G	~~Water~~ S			1													1	
SB-43 (4-6)		1505	G	~~Water~~ S			1													1	~~D. KREEGER~~ KPF
SB-43 (6-8)		1510	G	~~Water~~ S			1													1	K. FOWLER
SB-43 (8-10)		1510	G	S			1													1	D. KREEGER
DUP-02			G	S			1													1	

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

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

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

Special Instructions/QC Requirements:

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

Relinquished by	Date/Time	Company	Received by	Date/Time	Company
K to F.h	2/25/21 1622	TRC	Adam Bennett	2-25-21 1622	ETA

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

Ver: 11.01.2020

Eurofins TestAmerica Canton Sample Receipt Form/Narrative
Canton Facility

Login # : 240-145018

Client TRC Site Name _____

Cooler Received on FEB 25 2021 Opened on FEB 26 2021

Cooler unpacked by: MJS ETA CANTON

FedEx: 1st Grd Exp UPS FAS Clipper Client Drop Off TestAmerica Courier Other _____

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

TestAmerica Cooler # ___ Foam Box Client Cooler Box Other _____

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

COOLANT: Wet Ice Blue Ice Dry Ice Water None

1. Cooler temperature upon receipt ☐ See Multiple Cooler Form
   IR GUN# IR-11 (CF +0.1 °C) Observed Cooler Temp._____°C Corrected Cooler Temp._____°C
   IR GUN #IR-12 (CF +0.2°C) Observed Cooler Temp._____°C Corrected Cooler Temp._____°C
2. Were tamper/custody seals on the outside of the cooler(s)? If Yes Quantity_____ Yes No
   -Were the seals on the outside of the cooler(s) signed & dated? Yes No NA
   -Were tamper/custody seals on the bottle(s) or bottle kits (LLHg/MeHg)? Yes No
   -Were tamper/custody seals intact and uncompromised? Yes No NA
3. Shippers' packing slip attached to the cooler(s)? Yes No
4. Did custody papers accompany the sample(s)? Yes No
5. Were the custody papers relinquished & signed in the appropriate place? Yes No
6. Was/were the person(s) who collected the samples clearly identified on the COC? Yes No
7. Did all bottles arrive in good condition (Unbroken)? Yes No
8. Could all bottle labels (ID/Date/Time) be reconciled with the COC? Yes No
9. For each sample, does the COC specify preservatives (Y/N), # of containers (Y/N), and sample type of grab/comp(Y/N)?
10. Were correct bottle(s) used for the test(s) indicated? Yes No
11. Sufficient quantity received to perform indicated analyses? Yes No
12. Are these work share samples and all listed on the COC? Yes No
    If yes, Questions 13-17 have been checked at the originating laboratory.
13. Were all preserved sample(s) at the correct pH upon receipt? Yes No NA pH Strip Lot# HC907861
14. Were VOAs on the COC? Yes No
15. Were air bubbles >6 mm in any VOA vials? ● ⬅ Larger than this. Yes No NA
16. Was a VOA trip blank present in the cooler(s)? Trip Blank Lot #_____ Yes No
17. Was a LL Hg or Me Hg trip blank present? _____ Yes No

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

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

Concerning _____

18. CHAIN OF CUSTODY & SAMPLE DISCREPANCIES ☐ additional next page

Samples processed by: MJS ETA CANTON

19. SAMPLE CONDITION

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

Sample(s) _____ were received in a broken container.

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

20. SAMPLE PRESERVATION

Sample(s) _____ were further preserved in the laboratory.

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

VOA Sample Preservation - Date/Time VOAs Frozen: 2-26-21 1200

WI-NC-099

Login # : _____

Eurofins TestAmerica Canton Sample Receipt Multiple Cooler Form				
Cooler Description (Circle)	IR Gun # (Circle)	Observed Temp °C	Corrected Temp °C	Coolant (Circle)
TA Client Box Other	IR-11 IR-12	1.7	1.8	Wet Ice Blue Ice Dry Ice Water None
TA Client Box Other	IR-11 IR-12	2.1	2.2	Wet Ice Blue Ice Dry Ice Water None
TA Client Box Other	IR-11 IR-12	3.3	3.4	Wet Ice Blue Ice Dry Ice Water None
TA Client Box Other	IR-11 IR-12	0.9	1.0	Wet Ice Blue Ice Dry Ice Water None
TA Client Box Other	IR-11 IR-12	0.5	0.6	Wet Ice Blue Ice Dry Ice Water None
TA Client Box Other	IR-11 IR-12			Wet Ice Blue Ice Dry Ice Water None
TA Client Box Other	IR-11 IR-12			Wet Ice Blue Ice Dry Ice Water None
TA Client Box Other	IR-11 IR-12			Wet Ice Blue Ice Dry Ice Water None
TA Client Box Other	IR-11 IR-12			Wet Ice Blue Ice Dry Ice Water None
TA Client Box Other	IR-11 IR-12			Wet Ice Blue Ice Dry Ice Water None
TA Client Box Other	IR-11 IR-12			Wet Ice Blue Ice Dry Ice Water None
TA Client Box Other	IR-11 IR-12			Wet Ice Blue Ice Dry Ice Water None
TA Client Box Other	IR-11 IR-12			Wet Ice Blue Ice Dry Ice Water None
TA Client Box Other	IR-11 IR-12			Wet Ice Blue Ice Dry Ice Water None
TA Client Box Other	IR-11 IR-12			Wet Ice Blue Ice Dry Ice Water None
TA Client Box Other	IR-11 IR-12			Wet Ice Blue Ice Dry Ice Water None
TA Client Box Other	IR-11 IR-12			Wet Ice Blue Ice Dry Ice Water None
TA Client Box Other	IR-11 IR-12			Wet Ice Blue Ice Dry Ice Water None
TA Client Box Other	IR-11 IR-12			Wet Ice Blue Ice Dry Ice Water None
TA Client Box Other	IR-11 IR-12			Wet Ice Blue Ice Dry Ice Water None
TA Client Box Other	IR-11 IR-12			Wet Ice Blue Ice Dry Ice Water None
TA Client Box Other	IR-11 IR-12			Wet Ice Blue Ice Dry Ice Water None
TA Client Box Other	IR-11 IR-12			Wet Ice Blue Ice Dry Ice Water None
TA Client Box Other	IR-11 IR-12			Wet Ice Blue Ice Dry Ice Water None
TA Client Box Other	IR-11 IR-12			Wet Ice Blue Ice Dry Ice Water None
TA Client Box Other	IR-11 IR-12			Wet Ice Blue Ice Dry Ice Water None
TA Client Box Other	IR-11 IR-12			Wet Ice Blue Ice Dry Ice Water None
TA Client Box Other	IR-11 IR-12			Wet Ice Blue Ice Dry Ice Water None
TA Client Box Other	IR-11 IR-12			Wet Ice Blue Ice Dry Ice Water None
TA Client Box Other	IR-11 IR-12			Wet Ice Blue Ice Dry Ice Water None
TA Client Box Other	IR-11 IR-12			Wet Ice Blue Ice Dry Ice Water None
☐ See Temperature Excursion Form				

WI-NC-099 Cooler Receipt Form Page 2 – Multiple Coolers

eurofins | Environment Testing America

ANALYTICAL REPORT

Eurofins TestAmerica, Canton
4101 Shuffel Street NW
North Canton, OH 44720
Tel: (330)497-9396

Laboratory Job ID: 240-145018-2
Client Project/Site: ABB 2019 \ 2020

For:
TRC Environmental Corporation
1382 West Ninth Street
Suite 400
Cleveland, Ohio 44113

Attn: Mr. Keaton Henry

Authorized for release by:
3/17/2021 7:07:58 PM
Kris Brooks, Project Manager II
(330)966-9790
Kris.Brooks@Eurofinset.com

Designee for

Patrick O'Meara, Manager of Project Management
(330)966-5725
patrick.o'meara@eurofinset.com

LINKS

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Have a Question? Ask The Expert

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This report has been electronically signed and authorized by the signatory. Electronic signature is intended to be the legally binding equivalent of a traditionally handwritten signature.

Results relate only to the items tested and the sample(s) as received by the laboratory.

Table of Contents

Cover Page 1
Table of Contents 2
Definitions/Glossary 3
Case Narrative 4
Method Summary 6
Sample Summary 7
Detection Summary 8
Client Sample Results 10
Surrogate Summary 24
QC Sample Results 25
QC Association Summary 31
Lab Chronicle 32
Certification Summary 34
Chain of Custody 36

Definitions/Glossary

Client: TRC Environmental Corporation
Project/Site: ABB 2019 \ 2020

Job ID: 240-145018-2

Qualifiers

GC/MS VOA

Qualifier	Qualifier Description
B	Compound was found in the blank and sample.
J	Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.

Glossary

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

Job ID: 240-145018-2

Laboratory: Eurofins TestAmerica, Canton

Narrative

CASE NARRATIVE

Client: TRC Environmental Corporation

Project: ABB 2019 2020

Report Number: 240-145018-2

With the exceptions noted as flags or footnotes, standard analytical protocols were followed in the analysis of the samples and no problems were encountered or anomalies observed. In addition all laboratory quality control samples were within established control limits, with any exceptions noted below. Each sample was analyzed to achieve the lowest possible reporting limit within the constraints of the method. In some cases, due to interference or analytes present at high concentrations, samples were diluted. For diluted samples, the reporting limits are adjusted relative to the dilution required.

Eurofins TestAmerica, Canton attests to the validity of the laboratory data generated by Eurofins TestAmerica facilities reported herein. All analyses performed by Eurofins TestAmerica facilities were done using established laboratory SOPs that incorporate QA/QC procedures described in the application methods. Eurofins TestAmerica's operations groups have reviewed the data for compliance with the laboratory QA/QC plan, and data have been found to be compliant with laboratory protocols unless otherwise noted below.

The test results in this report meet all NELAP requirements for parameters for which accreditation is required or available. Any exceptions to NELAP requirements are noted in this report. Pursuant to NELAP, this report may not be reproduced, except in full, without the written approval of the laboratory.

Calculations are performed before rounding to avoid round-off errors in calculated results.

All holding times were met and proper preservation noted for the methods performed on these samples, unless otherwise detailed in the individual sections below.

All solid sample results are reported on an "as received" basis unless otherwise indicated by the presence of a % solids value in the method header.

This laboratory report is confidential and is intended for the sole use of Eurofins TestAmerica and its client.

RECEIPT
The samples were received on 2/25/2021 4:22 PM. Unless otherwise noted below, the samples arrived in good condition, and where required, properly preserved and on ice. The temperatures of the 5 coolers at receipt time were 0.6º C, 1.0º C, 1.8º C, 2.2º C and 3.4º C.

SPLP VOLATILE ORGANIC COMPOUNDS (GCMS)
Samples SB-52 (240-145018-4), SB-48 (240-145018-8), SB-41 (240-145018-9), SB-36 (240-145018-23), SB-47 (240-145018-43), SB-42 (240-145018-52) and SB-43 (240-145018-56) were analyzed for SPLP volatile organic compounds (GCMS) in accordance with EPA SW-846 Methods 1312/8260B. The samples were leached on 03/08/2021 and 03/11/2021 and analyzed on 03/12/2021 and 03/15/2021.

Acetone was detected in method blank LB 240-475925/1-A at a level that was above the method detection limit but below the reporting limit. The value should be considered an estimate, and has been flagged. If the associated sample reported a result above the MDL and/or RL, the result has been flagged. Toluene was detected in method blank LB 240-476496/1-A at a level that was above the method detection limit but below the reporting limit. The value should be considered an estimate, and has been flagged. If the associated sample reported a result above the MDL and/or RL, the result has been flagged. Refer to the QC report for details.

Samples SB-36 (240-145018-23)[5X], SB-42 (240-145018-52)[12.5X] and SB-43 (240-145018-56)[20X] required dilution prior to analysis. The reporting limits have been adjusted accordingly.

Job ID: 240-145018-2 (Continued)

Laboratory: Eurofins TestAmerica, Canton (Continued)

Method 8260B: The initial calibration (ICAL) did not pass the method calibration acceptance criteria for 1,4-dioxane, and chloroethane. This variance only affects results measured above the reporting limit. A CCV standard at or below the reporting limit (RL) was analyzed with the samples and found to be acceptable. This demonstrates the reporting limit is valid for the affected analytes. The samples associated with the ICAL were non-detects for the affected analytes; therefore, the results have been reported. The following samples are impacted: SB-52 (240-145018-4), SB-48 (240-145018-8), SB-41 (240-145018-9), SB-36 (240-145018-23), (CCVIS 240-476462/4) and (LB 240-475925/1-A).

Method 8260B: The initial calibration (ICAL) did not pass the method calibration acceptance criteria for 1,4-dioxane, and chloroethane. This variance only affects results measured above the reporting limit. A CCV standard at or below the reporting limit (RL) was analyzed with the samples and found to be acceptable. This demonstrates the reporting limit is valid for the affected analytes. The samples associated with the ICAL were non-detects for the affected analytes; therefore, the results have been reported. The following samples are impacted: SB-36 (240-145018-23), SB-47 (240-145018-43) and (CCVIS 240-476637/4).

Method 8260B: The initial calibration (ICAL) did not pass the method calibration acceptance criteria for 1,4-dioxane, and chloroethane. This variance only affects results measured above the reporting limit. A CCV standard at or below the reporting limit (RL) was analyzed with the samples and found to be acceptable. This demonstrates the reporting limit is valid for the affected analytes. The samples associated with the ICAL were non-detects for the affected analytes; therefore, the results have been reported. The following samples are impacted: SB-42 (240-145018-52), SB-43 (240-145018-56) and (CCVIS 240-476846/4).

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

Method Summary

Client: TRC Environmental Corporation
Project/Site: ABB 2019 \ 2020

Job ID: 240-145018-2

Method	Method Description	Protocol	Laboratory
8260B	Volatile Organic Compounds (GC/MS)	SW846	TAL CAN
1312	SPLP Extraction	SW846	TAL CAN
5030B	Purge and Trap	SW846	TAL CAN

Protocol References:

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

Laboratory References:

TAL CAN = Eurofins TestAmerica, Canton, 4101 Shuffel Street NW, North Canton, OH 44720, TEL (330)497-9396

Sample Summary

Client: TRC Environmental Corporation
Project/Site: ABB 2019 \ 2020

Job ID: 240-145018-2

Lab Sample ID	Client Sample ID	Matrix	Collected	Received	Asset ID
240-145018-4	SB-52	Solid	02/24/21 15:50	02/25/21 16:22	
240-145018-8	SB-48	Solid	02/24/21 16:30	02/25/21 16:22	
240-145018-9	SB-41	Solid	02/25/21 10:35	02/25/21 16:22	
240-145018-23	SB-36	Solid	02/25/21 07:35	02/25/21 16:22	
240-145018-43	SB-47	Solid	02/25/21 13:10	02/25/21 16:22	
240-145018-52	SB-42	Solid	02/25/21 14:30	02/25/21 16:22	
240-145018-56	SB-43	Solid	02/25/21 15:15	02/25/21 16:22	

Detection Summary

Client: TRC Environmental Corporation
Project/Site: ABB 2019 \ 2020

Job ID: 240-145018-2

Client Sample ID: SB-52 — Lab Sample ID: 240-145018-4

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Acetone	53	B	10	5.4	ug/L	1		8260B	SPLP
2-Butanone (MEK)	1.4	J	10	1.2	ug/L	1		8260B	SPLP
1,1-Dichloroethane	1.3		1.0	0.17	ug/L	1		8260B	SPLP
1,1-Dichloroethene	0.61	J	1.0	0.19	ug/L	1		8260B	SPLP
Methylene Chloride	11		5.0	2.6	ug/L	1		8260B	SPLP
4-Methyl-2-pentanone (MIBK)	2.4	J	10	0.42	ug/L	1		8260B	SPLP
Methyl tert-butyl ether	0.26	J	1.0	0.070	ug/L	1		8260B	SPLP
1,1,1-Trichloroethane	2.1		1.0	0.24	ug/L	1		8260B	SPLP

Client Sample ID: SB-48 — Lab Sample ID: 240-145018-8

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Acetone	49	B	10	5.4	ug/L	1		8260B	SPLP
2-Butanone (MEK)	17		10	1.2	ug/L	1		8260B	SPLP
Carbon disulfide	0.28	J	1.0	0.28	ug/L	1		8260B	SPLP
cis-1,2-Dichloroethene	0.59	J	1.0	0.16	ug/L	1		8260B	SPLP
1,1-Dichloroethane	6.1		1.0	0.17	ug/L	1		8260B	SPLP
1,2-Dichloroethane	0.74	J	1.0	0.21	ug/L	1		8260B	SPLP
1,1-Dichloroethene	8.2		1.0	0.19	ug/L	1		8260B	SPLP
Ethylbenzene	0.20	J	1.0	0.11	ug/L	1		8260B	SPLP
Methylene Chloride	7.5		5.0	2.6	ug/L	1		8260B	SPLP
Toluene	4.9		1.0	0.14	ug/L	1		8260B	SPLP
1,1,1-Trichloroethane	31		1.0	0.24	ug/L	1		8260B	SPLP
1,1,2-Trichloroethane	2.4		1.0	0.090	ug/L	1		8260B	SPLP
Trichloroethene	2.4		1.0	0.10	ug/L	1		8260B	SPLP
Xylenes, Total	0.95	J	2.0	0.15	ug/L	1		8260B	SPLP

Client Sample ID: SB-41 — Lab Sample ID: 240-145018-9

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Acetone	40	B	10	5.4	ug/L	1		8260B	SPLP
cis-1,2-Dichloroethene	0.24	J	1.0	0.16	ug/L	1		8260B	SPLP
1,1-Dichloroethane	9.5		1.0	0.17	ug/L	1		8260B	SPLP
1,1-Dichloroethene	1.8		1.0	0.19	ug/L	1		8260B	SPLP
Methylene Chloride	14		5.0	2.6	ug/L	1		8260B	SPLP
4-Methyl-2-pentanone (MIBK)	1.2	J	10	0.42	ug/L	1		8260B	SPLP
Methyl tert-butyl ether	0.19	J	1.0	0.070	ug/L	1		8260B	SPLP
Tetrachloroethene	1.1		1.0	0.15	ug/L	1		8260B	SPLP
Toluene	0.14	J	1.0	0.14	ug/L	1		8260B	SPLP
1,1,1-Trichloroethane	8.7		1.0	0.24	ug/L	1		8260B	SPLP
1,1,2-Trichloroethane	1.2		1.0	0.090	ug/L	1		8260B	SPLP
Trichloroethene	1.2		1.0	0.10	ug/L	1		8260B	SPLP

Client Sample ID: SB-36 — Lab Sample ID: 240-145018-23

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Acetone	110	B	10	5.4	ug/L	1		8260B	SPLP
Benzene	1.3		1.0	0.13	ug/L	1		8260B	SPLP
2-Butanone (MEK)	23		10	1.2	ug/L	1		8260B	SPLP
Chloroform	0.24	J	1.0	0.13	ug/L	1		8260B	SPLP
cis-1,2-Dichloroethene	1.3		1.0	0.16	ug/L	1		8260B	SPLP
1,1-Dichloroethane	17		1.0	0.17	ug/L	1		8260B	SPLP

This Detection Summary does not include radiochemical test results.

Client Sample ID: SB-36 (Continued) — Lab Sample ID: 240-145018-23

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
1,2-Dichloroethane	1.7		1.0	0.21	ug/L	1		8260B	SPLP
1,1-Dichloroethene	9.7		1.0	0.19	ug/L	1		8260B	SPLP
Ethylbenzene	8.1		1.0	0.11	ug/L	1		8260B	SPLP
2-Hexanone	2.6	J	10	0.54	ug/L	1		8260B	SPLP
Methylene Chloride	10		5.0	2.6	ug/L	1		8260B	SPLP
4-Methyl-2-pentanone (MIBK)	22		10	0.42	ug/L	1		8260B	SPLP
Tetrachloroethene	4.2		1.0	0.15	ug/L	1		8260B	SPLP
Toluene	210		5.0	0.70	ug/L	5		8260B	SPLP
trans-1,2-Dichloroethene	0.19	J	1.0	0.19	ug/L	1		8260B	SPLP
1,1,1-Trichloroethane	180		5.0	1.2	ug/L	5		8260B	SPLP
1,1,2-Trichloroethane	7.4		1.0	0.090	ug/L	1		8260B	SPLP
Trichloroethene	9.0		1.0	0.10	ug/L	1		8260B	SPLP
Xylenes, Total	34		2.0	0.15	ug/L	1		8260B	SPLP

Client Sample ID: SB-47 — Lab Sample ID: 240-145018-43

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Acetone	16		10	5.4	ug/L	1		8260B	SPLP
Methylene Chloride	7.6		5.0	2.6	ug/L	1		8260B	SPLP

Client Sample ID: SB-42 — Lab Sample ID: 240-145018-52

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
cis-1,2-Dichloroethene	2.2	J	13	2.0	ug/L	12.5		8260B	SPLP
1,1-Dichloroethane	370		13	2.1	ug/L	12.5		8260B	SPLP
1,1-Dichloroethene	7.8	J	13	2.4	ug/L	12.5		8260B	SPLP
Ethylbenzene	3.3	J	13	1.4	ug/L	12.5		8260B	SPLP
Methylene Chloride	38	J	63	33	ug/L	12.5		8260B	SPLP
Naphthalene	10	J	13	4.0	ug/L	12.5		8260B	SPLP
Tetrachloroethene	110		13	1.9	ug/L	12.5		8260B	SPLP
Toluene	150	B	13	1.8	ug/L	12.5		8260B	SPLP
1,1,1-Trichloroethane	240		13	3.0	ug/L	12.5		8260B	SPLP
1,1,2-Trichloroethane	2.6	J	13	1.1	ug/L	12.5		8260B	SPLP
Trichloroethene	51		13	1.3	ug/L	12.5		8260B	SPLP
Xylenes, Total	17	J	25	1.9	ug/L	12.5		8260B	SPLP

Client Sample ID: SB-43 — Lab Sample ID: 240-145018-56

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
cis-1,2-Dichloroethene	10	J	20	3.2	ug/L	20		8260B	SPLP
1,1-Dichloroethane	640		20	3.4	ug/L	20		8260B	SPLP
1,2-Dichloroethane	10	J	20	4.2	ug/L	20		8260B	SPLP
Ethylbenzene	7.7	J	20	2.2	ug/L	20		8260B	SPLP
Tetrachloroethene	200		20	3.0	ug/L	20		8260B	SPLP
Toluene	580	B	20	2.8	ug/L	20		8260B	SPLP
1,1,1-Trichloroethane	230		20	4.8	ug/L	20		8260B	SPLP
1,1,2-Trichloroethane	17	J	20	1.8	ug/L	20		8260B	SPLP
Trichloroethene	34		20	2.0	ug/L	20		8260B	SPLP
Xylenes, Total	47		40	3.0	ug/L	20		8260B	SPLP

This Detection Summary does not include radiochemical test results.

Client Sample Results

Client: TRC Environmental Corporation
Project/Site: ABB 2019 \ 2020

Job ID: 240-145018-2

Client Sample ID: SB-52

Date Collected: 02/24/21 15:50
Date Received: 02/25/21 16:22

Lab Sample ID: 240-145018-4

Matrix: Solid

Method: 8260B - Volatile Organic Compounds (GC/MS) - SPLP

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	**53**	**B**	10	5.4	ug/L			03/12/21 00:37	1
Benzene	<0.13		1.0	0.13	ug/L			03/12/21 00:37	1
Bromoform	<0.76		1.0	0.76	ug/L			03/12/21 00:37	1
Bromomethane	<0.42		1.0	0.42	ug/L			03/12/21 00:37	1
2-Butanone (MEK)	**1.4**	**J**	10	1.2	ug/L			03/12/21 00:37	1
Carbon disulfide	<0.28		1.0	0.28	ug/L			03/12/21 00:37	1
Carbon tetrachloride	<0.26		1.0	0.26	ug/L			03/12/21 00:37	1
Chlorobenzene	<0.14		1.0	0.14	ug/L			03/12/21 00:37	1
Chlorodibromomethane	<0.39		1.0	0.39	ug/L			03/12/21 00:37	1
Chloroethane	<0.83		1.0	0.83	ug/L			03/12/21 00:37	1
Chloroform	<0.13		1.0	0.13	ug/L			03/12/21 00:37	1
Chloromethane	<0.20		1.0	0.20	ug/L			03/12/21 00:37	1
cis-1,2-Dichloroethene	<0.16		1.0	0.16	ug/L			03/12/21 00:37	1
cis-1,3-Dichloropropene	<0.61		1.0	0.61	ug/L			03/12/21 00:37	1
1,2-Dibromo-3-Chloropropane	<0.91		2.0	0.91	ug/L			03/12/21 00:37	1
1,2-Dichlorobenzene	<0.15		1.0	0.15	ug/L			03/12/21 00:37	1
1,3-Dichlorobenzene	<0.15		1.0	0.15	ug/L			03/12/21 00:37	1
1,4-Dichlorobenzene	<0.16		1.0	0.16	ug/L			03/12/21 00:37	1
Dichlorobromomethane	<0.17		1.0	0.17	ug/L			03/12/21 00:37	1
Dichlorodifluoromethane	<0.35		1.0	0.35	ug/L			03/12/21 00:37	1
1,1-Dichloroethane	**1.3**		1.0	0.17	ug/L			03/12/21 00:37	1
1,2-Dichloroethane	<0.21		1.0	0.21	ug/L			03/12/21 00:37	1
1,1-Dichloroethene	**0.61**	**J**	1.0	0.19	ug/L			03/12/21 00:37	1
1,2-Dichloropropane	<0.15		1.0	0.15	ug/L			03/12/21 00:37	1
1,4-Dioxane	<13		50	13	ug/L			03/12/21 00:37	1
Ethylbenzene	<0.11		1.0	0.11	ug/L			03/12/21 00:37	1
Ethylene Dibromide	<0.12		1.0	0.12	ug/L			03/12/21 00:37	1
2-Hexanone	<0.54		10	0.54	ug/L			03/12/21 00:37	1
Isopropylbenzene	<0.090		1.0	0.090	ug/L			03/12/21 00:37	1
Methylene Chloride	**11**		5.0	2.6	ug/L			03/12/21 00:37	1
4-Methyl-2-pentanone (MIBK)	**2.4**	**J**	10	0.42	ug/L			03/12/21 00:37	1
Methyl tert-butyl ether	**0.26**	**J**	1.0	0.070	ug/L			03/12/21 00:37	1
Naphthalene	<0.32		1.0	0.32	ug/L			03/12/21 00:37	1
Styrene	<0.10		1.0	0.10	ug/L			03/12/21 00:37	1
1,1,2,2-Tetrachloroethane	<0.13		1.0	0.13	ug/L			03/12/21 00:37	1
Tetrachloroethene	<0.15		1.0	0.15	ug/L			03/12/21 00:37	1
Toluene	<0.14		1.0	0.14	ug/L			03/12/21 00:37	1
trans-1,2-Dichloroethene	<0.19		1.0	0.19	ug/L			03/12/21 00:37	1
trans-1,3-Dichloropropene	<0.67		1.0	0.67	ug/L			03/12/21 00:37	1
1,2,4-Trichlorobenzene	<0.26		1.0	0.26	ug/L			03/12/21 00:37	1
1,1,1-Trichloroethane	**2.1**		1.0	0.24	ug/L			03/12/21 00:37	1
1,1,2-Trichloroethane	<0.090		1.0	0.090	ug/L			03/12/21 00:37	1
Trichloroethene	<0.10		1.0	0.10	ug/L			03/12/21 00:37	1
Trichlorofluoromethane	<0.45		1.0	0.45	ug/L			03/12/21 00:37	1
Vinyl chloride	<0.20		1.0	0.20	ug/L			03/12/21 00:37	1
Xylenes, Total	<0.15		2.0	0.15	ug/L			03/12/21 00:37	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*104*		*47 - 134*		*03/12/21 00:37*	*1*
Dibromofluoromethane (Surr)	*84*		*78 - 129*		*03/12/21 00:37*	*1*

Client: TRC Environmental Corporation
Project/Site: ABB 2019 \ 2020

Job ID: 240-145018-2

Client Sample ID: SB-52

Date Collected: 02/24/21 15:50
Date Received: 02/25/21 16:22

Lab Sample ID: 240-145018-4

Matrix: Solid

Method: 8260B - Volatile Organic Compounds (GC/MS) - SPLP (Continued)

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	92		75 - 130		03/12/21 00:37	1
Toluene-d8 (Surr)	99		69 - 122		03/12/21 00:37	1

Client Sample Results

Client: TRC Environmental Corporation
Project/Site: ABB 2019 \ 2020

Job ID: 240-145018-2

Client Sample ID: SB-48

Date Collected: 02/24/21 16:30
Date Received: 02/25/21 16:22

Lab Sample ID: 240-145018-8

Matrix: Solid

Method: 8260B - Volatile Organic Compounds (GC/MS) - SPLP

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	**49**	**B**	10	5.4	ug/L			03/12/21 00:59	1
Benzene	<0.13		1.0	0.13	ug/L			03/12/21 00:59	1
Bromoform	<0.76		1.0	0.76	ug/L			03/12/21 00:59	1
Bromomethane	<0.42		1.0	0.42	ug/L			03/12/21 00:59	1
2-Butanone (MEK)	**17**		10	1.2	ug/L			03/12/21 00:59	1
Carbon disulfide	**0.28**	**J**	1.0	0.28	ug/L			03/12/21 00:59	1
Carbon tetrachloride	<0.26		1.0	0.26	ug/L			03/12/21 00:59	1
Chlorobenzene	<0.14		1.0	0.14	ug/L			03/12/21 00:59	1
Chlorodibromomethane	<0.39		1.0	0.39	ug/L			03/12/21 00:59	1
Chloroethane	<0.83		1.0	0.83	ug/L			03/12/21 00:59	1
Chloroform	<0.13		1.0	0.13	ug/L			03/12/21 00:59	1
Chloromethane	<0.20		1.0	0.20	ug/L			03/12/21 00:59	1
cis-1,2-Dichloroethene	**0.59**	**J**	1.0	0.16	ug/L			03/12/21 00:59	1
cis-1,3-Dichloropropene	<0.61		1.0	0.61	ug/L			03/12/21 00:59	1
1,2-Dibromo-3-Chloropropane	<0.91		2.0	0.91	ug/L			03/12/21 00:59	1
1,2-Dichlorobenzene	<0.15		1.0	0.15	ug/L			03/12/21 00:59	1
1,3-Dichlorobenzene	<0.15		1.0	0.15	ug/L			03/12/21 00:59	1
1,4-Dichlorobenzene	<0.16		1.0	0.16	ug/L			03/12/21 00:59	1
Dichlorobromomethane	<0.17		1.0	0.17	ug/L			03/12/21 00:59	1
Dichlorodifluoromethane	<0.35		1.0	0.35	ug/L			03/12/21 00:59	1
1,1-Dichloroethane	**6.1**		1.0	0.17	ug/L			03/12/21 00:59	1
1,2-Dichloroethane	**0.74**	**J**	1.0	0.21	ug/L			03/12/21 00:59	1
1,1-Dichloroethene	**8.2**		1.0	0.19	ug/L			03/12/21 00:59	1
1,2-Dichloropropane	<0.15		1.0	0.15	ug/L			03/12/21 00:59	1
1,4-Dioxane	<13		50	13	ug/L			03/12/21 00:59	1
Ethylbenzene	**0.20**	**J**	1.0	0.11	ug/L			03/12/21 00:59	1
Ethylene Dibromide	<0.12		1.0	0.12	ug/L			03/12/21 00:59	1
2-Hexanone	<0.54		10	0.54	ug/L			03/12/21 00:59	1
Isopropylbenzene	<0.090		1.0	0.090	ug/L			03/12/21 00:59	1
Methylene Chloride	**7.5**		5.0	2.6	ug/L			03/12/21 00:59	1
4-Methyl-2-pentanone (MIBK)	<0.42		10	0.42	ug/L			03/12/21 00:59	1
Methyl tert-butyl ether	<0.070		1.0	0.070	ug/L			03/12/21 00:59	1
Naphthalene	<0.32		1.0	0.32	ug/L			03/12/21 00:59	1
Styrene	<0.10		1.0	0.10	ug/L			03/12/21 00:59	1
1,1,2,2-Tetrachloroethane	<0.13		1.0	0.13	ug/L			03/12/21 00:59	1
Tetrachloroethene	<0.15		1.0	0.15	ug/L			03/12/21 00:59	1
Toluene	**4.9**		1.0	0.14	ug/L			03/12/21 00:59	1
trans-1,2-Dichloroethene	<0.19		1.0	0.19	ug/L			03/12/21 00:59	1
trans-1,3-Dichloropropene	<0.67		1.0	0.67	ug/L			03/12/21 00:59	1
1,2,4-Trichlorobenzene	<0.26		1.0	0.26	ug/L			03/12/21 00:59	1
1,1,1-Trichloroethane	**31**		1.0	0.24	ug/L			03/12/21 00:59	1
1,1,2-Trichloroethane	**2.4**		1.0	0.090	ug/L			03/12/21 00:59	1
Trichloroethene	**2.4**		1.0	0.10	ug/L			03/12/21 00:59	1
Trichlorofluoromethane	<0.45		1.0	0.45	ug/L			03/12/21 00:59	1
Vinyl chloride	<0.20		1.0	0.20	ug/L			03/12/21 00:59	1
Xylenes, Total	**0.95**	**J**	2.0	0.15	ug/L			03/12/21 00:59	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*107*		*47 - 134*		*03/12/21 00:59*	*1*
Dibromofluoromethane (Surr)	*90*		*78 - 129*		*03/12/21 00:59*	*1*

Client Sample Results

Client: TRC Environmental Corporation
Project/Site: ABB 2019 \ 2020

Job ID: 240-145018-2

Client Sample ID: SB-48

Date Collected: 02/24/21 16:30
Date Received: 02/25/21 16:22

Lab Sample ID: 240-145018-8

Matrix: Solid

Method: 8260B - Volatile Organic Compounds (GC/MS) - SPLP (Continued)

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	98		75 - 130		03/12/21 00:59	1
Toluene-d8 (Surr)	102		69 - 122		03/12/21 00:59	1

Client Sample Results

Client: TRC Environmental Corporation
Project/Site: ABB 2019 \ 2020

Job ID: 240-145018-2

Client Sample ID: SB-41

Date Collected: 02/25/21 10:35
Date Received: 02/25/21 16:22

Lab Sample ID: 240-145018-9

Matrix: Solid

Method: 8260B - Volatile Organic Compounds (GC/MS) - SPLP

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	**40**	**B**	10	5.4	ug/L			03/12/21 01:21	1
Benzene	<0.13		1.0	0.13	ug/L			03/12/21 01:21	1
Bromoform	<0.76		1.0	0.76	ug/L			03/12/21 01:21	1
Bromomethane	<0.42		1.0	0.42	ug/L			03/12/21 01:21	1
2-Butanone (MEK)	<1.2		10	1.2	ug/L			03/12/21 01:21	1
Carbon disulfide	<0.28		1.0	0.28	ug/L			03/12/21 01:21	1
Carbon tetrachloride	<0.26		1.0	0.26	ug/L			03/12/21 01:21	1
Chlorobenzene	<0.14		1.0	0.14	ug/L			03/12/21 01:21	1
Chlorodibromomethane	<0.39		1.0	0.39	ug/L			03/12/21 01:21	1
Chloroethane	<0.83		1.0	0.83	ug/L			03/12/21 01:21	1
Chloroform	<0.13		1.0	0.13	ug/L			03/12/21 01:21	1
Chloromethane	<0.20		1.0	0.20	ug/L			03/12/21 01:21	1
cis-1,2-Dichloroethene	**0.24**	**J**	1.0	0.16	ug/L			03/12/21 01:21	1
cis-1,3-Dichloropropene	<0.61		1.0	0.61	ug/L			03/12/21 01:21	1
1,2-Dibromo-3-Chloropropane	<0.91		2.0	0.91	ug/L			03/12/21 01:21	1
1,2-Dichlorobenzene	<0.15		1.0	0.15	ug/L			03/12/21 01:21	1
1,3-Dichlorobenzene	<0.15		1.0	0.15	ug/L			03/12/21 01:21	1
1,4-Dichlorobenzene	<0.16		1.0	0.16	ug/L			03/12/21 01:21	1
Dichlorobromomethane	<0.17		1.0	0.17	ug/L			03/12/21 01:21	1
Dichlorodifluoromethane	<0.35		1.0	0.35	ug/L			03/12/21 01:21	1
1,1-Dichloroethane	**9.5**		1.0	0.17	ug/L			03/12/21 01:21	1
1,2-Dichloroethane	<0.21		1.0	0.21	ug/L			03/12/21 01:21	1
1,1-Dichloroethene	**1.8**		1.0	0.19	ug/L			03/12/21 01:21	1
1,2-Dichloropropane	<0.15		1.0	0.15	ug/L			03/12/21 01:21	1
1,4-Dioxane	<13		50	13	ug/L			03/12/21 01:21	1
Ethylbenzene	<0.11		1.0	0.11	ug/L			03/12/21 01:21	1
Ethylene Dibromide	<0.12		1.0	0.12	ug/L			03/12/21 01:21	1
2-Hexanone	<0.54		10	0.54	ug/L			03/12/21 01:21	1
Isopropylbenzene	<0.090		1.0	0.090	ug/L			03/12/21 01:21	1
Methylene Chloride	**14**		5.0	2.6	ug/L			03/12/21 01:21	1
4-Methyl-2-pentanone (MIBK)	**1.2**	**J**	10	0.42	ug/L			03/12/21 01:21	1
Methyl tert-butyl ether	**0.19**	**J**	1.0	0.070	ug/L			03/12/21 01:21	1
Naphthalene	<0.32		1.0	0.32	ug/L			03/12/21 01:21	1
Styrene	<0.10		1.0	0.10	ug/L			03/12/21 01:21	1
1,1,2,2-Tetrachloroethane	<0.13		1.0	0.13	ug/L			03/12/21 01:21	1
Tetrachloroethene	**1.1**		1.0	0.15	ug/L			03/12/21 01:21	1
Toluene	**0.14**	**J**	1.0	0.14	ug/L			03/12/21 01:21	1
trans-1,2-Dichloroethene	<0.19		1.0	0.19	ug/L			03/12/21 01:21	1
trans-1,3-Dichloropropene	<0.67		1.0	0.67	ug/L			03/12/21 01:21	1
1,2,4-Trichlorobenzene	<0.26		1.0	0.26	ug/L			03/12/21 01:21	1
1,1,1-Trichloroethane	**8.7**		1.0	0.24	ug/L			03/12/21 01:21	1
1,1,2-Trichloroethane	**1.2**		1.0	0.090	ug/L			03/12/21 01:21	1
Trichloroethene	**1.2**		1.0	0.10	ug/L			03/12/21 01:21	1
Trichlorofluoromethane	<0.45		1.0	0.45	ug/L			03/12/21 01:21	1
Vinyl chloride	<0.20		1.0	0.20	ug/L			03/12/21 01:21	1
Xylenes, Total	<0.15		2.0	0.15	ug/L			03/12/21 01:21	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*97*		*47 - 134*		*03/12/21 01:21*	*1*
Dibromofluoromethane (Surr)	*83*		*78 - 129*		*03/12/21 01:21*	*1*

Client Sample Results

Client: TRC Environmental Corporation
Project/Site: ABB 2019 \ 2020

Job ID: 240-145018-2

Client Sample ID: SB-41

Date Collected: 02/25/21 10:35
Date Received: 02/25/21 16:22

Lab Sample ID: 240-145018-9

Matrix: Solid

Method: 8260B - Volatile Organic Compounds (GC/MS) - SPLP (Continued)

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	90		75 - 130		03/12/21 01:21	1
Toluene-d8 (Surr)	97		69 - 122		03/12/21 01:21	1

Client Sample Results

Client: TRC Environmental Corporation
Project/Site: ABB 2019 \ 2020

Job ID: 240-145018-2

Client Sample ID: SB-36

Date Collected: 02/25/21 07:35
Date Received: 02/25/21 16:22

Lab Sample ID: 240-145018-23

Matrix: Solid

Method: 8260B - Volatile Organic Compounds (GC/MS) - SPLP

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	**110**	**B**	10	5.4	ug/L			03/12/21 01:42	1
Benzene	**1.3**		1.0	0.13	ug/L			03/12/21 01:42	1
Bromoform	<0.76		1.0	0.76	ug/L			03/12/21 01:42	1
Bromomethane	<0.42		1.0	0.42	ug/L			03/12/21 01:42	1
2-Butanone (MEK)	**23**		10	1.2	ug/L			03/12/21 01:42	1
Carbon disulfide	<0.28		1.0	0.28	ug/L			03/12/21 01:42	1
Carbon tetrachloride	<0.26		1.0	0.26	ug/L			03/12/21 01:42	1
Chlorobenzene	<0.14		1.0	0.14	ug/L			03/12/21 01:42	1
Chlorodibromomethane	<0.39		1.0	0.39	ug/L			03/12/21 01:42	1
Chloroethane	<0.83		1.0	0.83	ug/L			03/12/21 01:42	1
Chloroform	**0.24**	**J**	1.0	0.13	ug/L			03/12/21 01:42	1
Chloromethane	<0.20		1.0	0.20	ug/L			03/12/21 01:42	1
cis-1,2-Dichloroethene	**1.3**		1.0	0.16	ug/L			03/12/21 01:42	1
cis-1,3-Dichloropropene	<0.61		1.0	0.61	ug/L			03/12/21 01:42	1
1,2-Dibromo-3-Chloropropane	<0.91		2.0	0.91	ug/L			03/12/21 01:42	1
1,2-Dichlorobenzene	<0.15		1.0	0.15	ug/L			03/12/21 01:42	1
1,3-Dichlorobenzene	<0.15		1.0	0.15	ug/L			03/12/21 01:42	1
1,4-Dichlorobenzene	<0.16		1.0	0.16	ug/L			03/12/21 01:42	1
Dichlorobromomethane	<0.17		1.0	0.17	ug/L			03/12/21 01:42	1
Dichlorodifluoromethane	<0.35		1.0	0.35	ug/L			03/12/21 01:42	1
1,1-Dichloroethane	**17**		1.0	0.17	ug/L			03/12/21 01:42	1
1,2-Dichloroethane	**1.7**		1.0	0.21	ug/L			03/12/21 01:42	1
1,1-Dichloroethene	**9.7**		1.0	0.19	ug/L			03/12/21 01:42	1
1,2-Dichloropropane	<0.15		1.0	0.15	ug/L			03/12/21 01:42	1
1,4-Dioxane	<13		50	13	ug/L			03/12/21 01:42	1
Ethylbenzene	**8.1**		1.0	0.11	ug/L			03/12/21 01:42	1
Ethylene Dibromide	<0.12		1.0	0.12	ug/L			03/12/21 01:42	1
2-Hexanone	**2.6**	**J**	10	0.54	ug/L			03/12/21 01:42	1
Isopropylbenzene	<0.090		1.0	0.090	ug/L			03/12/21 01:42	1
Methylene Chloride	**10**		5.0	2.6	ug/L			03/12/21 01:42	1
4-Methyl-2-pentanone (MIBK)	**22**		10	0.42	ug/L			03/12/21 01:42	1
Methyl tert-butyl ether	<0.070		1.0	0.070	ug/L			03/12/21 01:42	1
Naphthalene	<0.32		1.0	0.32	ug/L			03/12/21 01:42	1
Styrene	<0.10		1.0	0.10	ug/L			03/12/21 01:42	1
1,1,2,2-Tetrachloroethane	<0.13		1.0	0.13	ug/L			03/12/21 01:42	1
Tetrachloroethene	**4.2**		1.0	0.15	ug/L			03/12/21 01:42	1
Toluene	**210**		5.0	0.70	ug/L			03/12/21 18:26	5
trans-1,2-Dichloroethene	**0.19**	**J**	1.0	0.19	ug/L			03/12/21 01:42	1
trans-1,3-Dichloropropene	<0.67		1.0	0.67	ug/L			03/12/21 01:42	1
1,2,4-Trichlorobenzene	<0.26		1.0	0.26	ug/L			03/12/21 01:42	1
1,1,1-Trichloroethane	**180**		5.0	1.2	ug/L			03/12/21 18:26	5
1,1,2-Trichloroethane	**7.4**		1.0	0.090	ug/L			03/12/21 01:42	1
Trichloroethene	**9.0**		1.0	0.10	ug/L			03/12/21 01:42	1
Trichlorofluoromethane	<0.45		1.0	0.45	ug/L			03/12/21 01:42	1
Vinyl chloride	<0.20		1.0	0.20	ug/L			03/12/21 01:42	1
Xylenes, Total	**34**		2.0	0.15	ug/L			03/12/21 01:42	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*104*		*47 - 134*		*03/12/21 01:42*	*1*
4-Bromofluorobenzene (Surr)	*98*		*47 - 134*		*03/12/21 18:26*	*5*

Client Sample Results

Client: TRC Environmental Corporation
Project/Site: ABB 2019 \ 2020

Job ID: 240-145018-2

Client Sample ID: SB-36

Date Collected: 02/25/21 07:35
Date Received: 02/25/21 16:22

Lab Sample ID: 240-145018-23

Matrix: Solid

Method: 8260B - Volatile Organic Compounds (GC/MS) - SPLP (Continued)

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
Dibromofluoromethane (Surr)	90		78 - 129		03/12/21 01:42	1
Dibromofluoromethane (Surr)	87		78 - 129		03/12/21 18:26	5
1,2-Dichloroethane-d4 (Surr)	96		75 - 130		03/12/21 01:42	1
1,2-Dichloroethane-d4 (Surr)	94		75 - 130		03/12/21 18:26	5
Toluene-d8 (Surr)	101		69 - 122		03/12/21 01:42	1
Toluene-d8 (Surr)	100		69 - 122		03/12/21 18:26	5

Client Sample Results

Client: TRC Environmental Corporation
Project/Site: ABB 2019 \ 2020

Job ID: 240-145018-2

Client Sample ID: SB-47

Date Collected: 02/25/21 13:10
Date Received: 02/25/21 16:22

Lab Sample ID: 240-145018-43

Matrix: Solid

Method: 8260B - Volatile Organic Compounds (GC/MS) - SPLP

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	**16**		10	5.4	ug/L			03/12/21 20:16	1
Benzene	<0.13		1.0	0.13	ug/L			03/12/21 20:16	1
Bromoform	<0.76		1.0	0.76	ug/L			03/12/21 20:16	1
Bromomethane	<0.42		1.0	0.42	ug/L			03/12/21 20:16	1
2-Butanone (MEK)	<1.2		10	1.2	ug/L			03/12/21 20:16	1
Carbon disulfide	<0.28		1.0	0.28	ug/L			03/12/21 20:16	1
Carbon tetrachloride	<0.26		1.0	0.26	ug/L			03/12/21 20:16	1
Chlorobenzene	<0.14		1.0	0.14	ug/L			03/12/21 20:16	1
Chlorodibromomethane	<0.39		1.0	0.39	ug/L			03/12/21 20:16	1
Chloroethane	<0.83		1.0	0.83	ug/L			03/12/21 20:16	1
Chloroform	<0.13		1.0	0.13	ug/L			03/12/21 20:16	1
Chloromethane	<0.20		1.0	0.20	ug/L			03/12/21 20:16	1
cis-1,2-Dichloroethene	<0.16		1.0	0.16	ug/L			03/12/21 20:16	1
cis-1,3-Dichloropropene	<0.61		1.0	0.61	ug/L			03/12/21 20:16	1
1,2-Dibromo-3-Chloropropane	<0.91		2.0	0.91	ug/L			03/12/21 20:16	1
1,2-Dichlorobenzene	<0.15		1.0	0.15	ug/L			03/12/21 20:16	1
1,3-Dichlorobenzene	<0.15		1.0	0.15	ug/L			03/12/21 20:16	1
1,4-Dichlorobenzene	<0.16		1.0	0.16	ug/L			03/12/21 20:16	1
Dichlorobromomethane	<0.17		1.0	0.17	ug/L			03/12/21 20:16	1
Dichlorodifluoromethane	<0.35		1.0	0.35	ug/L			03/12/21 20:16	1
1,1-Dichloroethane	<0.17		1.0	0.17	ug/L			03/12/21 20:16	1
1,2-Dichloroethane	<0.21		1.0	0.21	ug/L			03/12/21 20:16	1
1,1-Dichloroethene	<0.19		1.0	0.19	ug/L			03/12/21 20:16	1
1,2-Dichloropropane	<0.15		1.0	0.15	ug/L			03/12/21 20:16	1
1,4-Dioxane	<13		50	13	ug/L			03/12/21 20:16	1
Ethylbenzene	<0.11		1.0	0.11	ug/L			03/12/21 20:16	1
Ethylene Dibromide	<0.12		1.0	0.12	ug/L			03/12/21 20:16	1
2-Hexanone	<0.54		10	0.54	ug/L			03/12/21 20:16	1
Isopropylbenzene	<0.090		1.0	0.090	ug/L			03/12/21 20:16	1
Methylene Chloride	**7.6**		5.0	2.6	ug/L			03/12/21 20:16	1
4-Methyl-2-pentanone (MIBK)	<0.42		10	0.42	ug/L			03/12/21 20:16	1
Methyl tert-butyl ether	<0.070		1.0	0.070	ug/L			03/12/21 20:16	1
Naphthalene	<0.32		1.0	0.32	ug/L			03/12/21 20:16	1
Styrene	<0.10		1.0	0.10	ug/L			03/12/21 20:16	1
1,1,2,2-Tetrachloroethane	<0.13		1.0	0.13	ug/L			03/12/21 20:16	1
Tetrachloroethene	<0.15		1.0	0.15	ug/L			03/12/21 20:16	1
Toluene	<0.14		1.0	0.14	ug/L			03/12/21 20:16	1
trans-1,2-Dichloroethene	<0.19		1.0	0.19	ug/L			03/12/21 20:16	1
trans-1,3-Dichloropropene	<0.67		1.0	0.67	ug/L			03/12/21 20:16	1
1,2,4-Trichlorobenzene	<0.26		1.0	0.26	ug/L			03/12/21 20:16	1
1,1,1-Trichloroethane	<0.24		1.0	0.24	ug/L			03/12/21 20:16	1
1,1,2-Trichloroethane	<0.090		1.0	0.090	ug/L			03/12/21 20:16	1
Trichloroethene	<0.10		1.0	0.10	ug/L			03/12/21 20:16	1
Trichlorofluoromethane	<0.45		1.0	0.45	ug/L			03/12/21 20:16	1
Vinyl chloride	<0.20		1.0	0.20	ug/L			03/12/21 20:16	1
Xylenes, Total	<0.15		2.0	0.15	ug/L			03/12/21 20:16	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*100*		*47 - 134*		*03/12/21 20:16*	*1*
Dibromofluoromethane (Surr)	*80*		*78 - 129*		*03/12/21 20:16*	*1*

Client Sample Results

Client: TRC Environmental Corporation
Project/Site: ABB 2019 \ 2020

Job ID: 240-145018-2

Client Sample ID: SB-47

Date Collected: 02/25/21 13:10
Date Received: 02/25/21 16:22

Lab Sample ID: 240-145018-43

Matrix: Solid

Method: 8260B - Volatile Organic Compounds (GC/MS) - SPLP (Continued)

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	93		75 - 130		03/12/21 20:16	1
Toluene-d8 (Surr)	103		69 - 122		03/12/21 20:16	1

Client Sample Results

Client: TRC Environmental Corporation
Project/Site: ABB 2019 \ 2020

Job ID: 240-145018-2

Client Sample ID: SB-42

Date Collected: 02/25/21 14:30
Date Received: 02/25/21 16:22

Lab Sample ID: 240-145018-52

Matrix: Solid

Method: 8260B - Volatile Organic Compounds (GC/MS) - SPLP

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	<68		130	68	ug/L			03/15/21 19:09	12.5
Benzene	<1.6		13	1.6	ug/L			03/15/21 19:09	12.5
Bromoform	<9.5		13	9.5	ug/L			03/15/21 19:09	12.5
Bromomethane	<5.3		13	5.3	ug/L			03/15/21 19:09	12.5
2-Butanone (MEK)	<15		130	15	ug/L			03/15/21 19:09	12.5
Carbon disulfide	<3.5		13	3.5	ug/L			03/15/21 19:09	12.5
Carbon tetrachloride	<3.3		13	3.3	ug/L			03/15/21 19:09	12.5
Chlorobenzene	<1.8		13	1.8	ug/L			03/15/21 19:09	12.5
Chlorodibromomethane	<4.9		13	4.9	ug/L			03/15/21 19:09	12.5
Chloroethane	<10		13	10	ug/L			03/15/21 19:09	12.5
Chloroform	<1.6		13	1.6	ug/L			03/15/21 19:09	12.5
Chloromethane	<2.5		13	2.5	ug/L			03/15/21 19:09	12.5
cis-1,2-Dichloroethene	**2.2**	**J**	13	2.0	ug/L			03/15/21 19:09	12.5
cis-1,3-Dichloropropene	<7.6		13	7.6	ug/L			03/15/21 19:09	12.5
1,2-Dibromo-3-Chloropropane	<11		25	11	ug/L			03/15/21 19:09	12.5
1,2-Dichlorobenzene	<1.9		13	1.9	ug/L			03/15/21 19:09	12.5
1,3-Dichlorobenzene	<1.9		13	1.9	ug/L			03/15/21 19:09	12.5
1,4-Dichlorobenzene	<2.0		13	2.0	ug/L			03/15/21 19:09	12.5
Dichlorobromomethane	<2.1		13	2.1	ug/L			03/15/21 19:09	12.5
Dichlorodifluoromethane	<4.4		13	4.4	ug/L			03/15/21 19:09	12.5
1,1-Dichloroethane	**370**		13	2.1	ug/L			03/15/21 19:09	12.5
1,2-Dichloroethane	<2.6		13	2.6	ug/L			03/15/21 19:09	12.5
1,1-Dichloroethene	**7.8**	**J**	13	2.4	ug/L			03/15/21 19:09	12.5
1,2-Dichloropropane	<1.9		13	1.9	ug/L			03/15/21 19:09	12.5
1,4-Dioxane	<160		630	160	ug/L			03/15/21 19:09	12.5
Ethylbenzene	**3.3**	**J**	13	1.4	ug/L			03/15/21 19:09	12.5
Ethylene Dibromide	<1.5		13	1.5	ug/L			03/15/21 19:09	12.5
2-Hexanone	<6.8		130	6.8	ug/L			03/15/21 19:09	12.5
Isopropylbenzene	<1.1		13	1.1	ug/L			03/15/21 19:09	12.5
Methylene Chloride	**38**	**J**	63	33	ug/L			03/15/21 19:09	12.5
4-Methyl-2-pentanone (MIBK)	<5.3		130	5.3	ug/L			03/15/21 19:09	12.5
Methyl tert-butyl ether	<0.88		13	0.88	ug/L			03/15/21 19:09	12.5
Naphthalene	**10**	**J**	13	4.0	ug/L			03/15/21 19:09	12.5
Styrene	<1.3		13	1.3	ug/L			03/15/21 19:09	12.5
1,1,2,2-Tetrachloroethane	<1.6		13	1.6	ug/L			03/15/21 19:09	12.5
Tetrachloroethene	**110**		13	1.9	ug/L			03/15/21 19:09	12.5
Toluene	**150**	**B**	13	1.8	ug/L			03/15/21 19:09	12.5
trans-1,2-Dichloroethene	<2.4		13	2.4	ug/L			03/15/21 19:09	12.5
trans-1,3-Dichloropropene	<8.4		13	8.4	ug/L			03/15/21 19:09	12.5
1,2,4-Trichlorobenzene	<3.3		13	3.3	ug/L			03/15/21 19:09	12.5
1,1,1-Trichloroethane	**240**		13	3.0	ug/L			03/15/21 19:09	12.5
1,1,2-Trichloroethane	**2.6**	**J**	13	1.1	ug/L			03/15/21 19:09	12.5
Trichloroethene	**51**		13	1.3	ug/L			03/15/21 19:09	12.5
Trichlorofluoromethane	<5.6		13	5.6	ug/L			03/15/21 19:09	12.5
Vinyl chloride	<2.5		13	2.5	ug/L			03/15/21 19:09	12.5
Xylenes, Total	**17**	**J**	25	1.9	ug/L			03/15/21 19:09	12.5

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*99*		*47 - 134*		*03/15/21 19:09*	*12.5*
Dibromofluoromethane (Surr)	*84*		*78 - 129*		*03/15/21 19:09*	*12.5*

Client: TRC Environmental Corporation
Project/Site: ABB 2019 \ 2020

Job ID: 240-145018-2

Client Sample ID: SB-42

Date Collected: 02/25/21 14:30
Date Received: 02/25/21 16:22

Lab Sample ID: 240-145018-52

Matrix: Solid

Method: 8260B - Volatile Organic Compounds (GC/MS) - SPLP (Continued)

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	93		75 - 130		03/15/21 19:09	12.5
Toluene-d8 (Surr)	97		69 - 122		03/15/21 19:09	12.5

Client Sample Results

Client: TRC Environmental Corporation
Project/Site: ABB 2019 \ 2020

Job ID: 240-145018-2

Client Sample ID: SB-43

Date Collected: 02/25/21 15:15
Date Received: 02/25/21 16:22

Lab Sample ID: 240-145018-56

Matrix: Solid

Method: 8260B - Volatile Organic Compounds (GC/MS) - SPLP

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	<110		200	110	ug/L			03/15/21 19:31	20
Benzene	<2.6		20	2.6	ug/L			03/15/21 19:31	20
Bromoform	<15		20	15	ug/L			03/15/21 19:31	20
Bromomethane	<8.4		20	8.4	ug/L			03/15/21 19:31	20
2-Butanone (MEK)	<23		200	23	ug/L			03/15/21 19:31	20
Carbon disulfide	<5.6		20	5.6	ug/L			03/15/21 19:31	20
Carbon tetrachloride	<5.2		20	5.2	ug/L			03/15/21 19:31	20
Chlorobenzene	<2.8		20	2.8	ug/L			03/15/21 19:31	20
Chlorodibromomethane	<7.8		20	7.8	ug/L			03/15/21 19:31	20
Chloroethane	<17		20	17	ug/L			03/15/21 19:31	20
Chloroform	<2.6		20	2.6	ug/L			03/15/21 19:31	20
Chloromethane	<4.0		20	4.0	ug/L			03/15/21 19:31	20
cis-1,2-Dichloroethene	**10**	**J**	20	3.2	ug/L			03/15/21 19:31	20
cis-1,3-Dichloropropene	<12		20	12	ug/L			03/15/21 19:31	20
1,2-Dibromo-3-Chloropropane	<18		40	18	ug/L			03/15/21 19:31	20
1,2-Dichlorobenzene	<3.0		20	3.0	ug/L			03/15/21 19:31	20
1,3-Dichlorobenzene	<3.0		20	3.0	ug/L			03/15/21 19:31	20
1,4-Dichlorobenzene	<3.2		20	3.2	ug/L			03/15/21 19:31	20
Dichlorobromomethane	<3.4		20	3.4	ug/L			03/15/21 19:31	20
Dichlorodifluoromethane	<7.0		20	7.0	ug/L			03/15/21 19:31	20
1,1-Dichloroethane	**640**		20	3.4	ug/L			03/15/21 19:31	20
1,2-Dichloroethane	**10**	**J**	20	4.2	ug/L			03/15/21 19:31	20
1,1-Dichloroethene	<3.8		20	3.8	ug/L			03/15/21 19:31	20
1,2-Dichloropropane	<3.0		20	3.0	ug/L			03/15/21 19:31	20
1,4-Dioxane	<250		1000	250	ug/L			03/15/21 19:31	20
Ethylbenzene	**7.7**	**J**	20	2.2	ug/L			03/15/21 19:31	20
Ethylene Dibromide	<2.4		20	2.4	ug/L			03/15/21 19:31	20
2-Hexanone	<11		200	11	ug/L			03/15/21 19:31	20
Isopropylbenzene	<1.8		20	1.8	ug/L			03/15/21 19:31	20
Methylene Chloride	<52		100	52	ug/L			03/15/21 19:31	20
4-Methyl-2-pentanone (MIBK)	<8.4		200	8.4	ug/L			03/15/21 19:31	20
Methyl tert-butyl ether	<1.4		20	1.4	ug/L			03/15/21 19:31	20
Naphthalene	<6.4		20	6.4	ug/L			03/15/21 19:31	20
Styrene	<2.0		20	2.0	ug/L			03/15/21 19:31	20
1,1,2,2-Tetrachloroethane	<2.6		20	2.6	ug/L			03/15/21 19:31	20
Tetrachloroethene	**200**		20	3.0	ug/L			03/15/21 19:31	20
Toluene	**580**	**B**	20	2.8	ug/L			03/15/21 19:31	20
trans-1,2-Dichloroethene	<3.8		20	3.8	ug/L			03/15/21 19:31	20
trans-1,3-Dichloropropene	<13		20	13	ug/L			03/15/21 19:31	20
1,2,4-Trichlorobenzene	<5.2		20	5.2	ug/L			03/15/21 19:31	20
1,1,1-Trichloroethane	**230**		20	4.8	ug/L			03/15/21 19:31	20
1,1,2-Trichloroethane	**17**	**J**	20	1.8	ug/L			03/15/21 19:31	20
Trichloroethene	**34**		20	2.0	ug/L			03/15/21 19:31	20
Trichlorofluoromethane	<9.0		20	9.0	ug/L			03/15/21 19:31	20
Vinyl chloride	<4.0		20	4.0	ug/L			03/15/21 19:31	20
Xylenes, Total	**47**		40	3.0	ug/L			03/15/21 19:31	20

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*107*		*47 - 134*		*03/15/21 19:31*	*20*
Dibromofluoromethane (Surr)	*88*		*78 - 129*		*03/15/21 19:31*	*20*

Client Sample Results

Client: TRC Environmental Corporation
Project/Site: ABB 2019 \ 2020

Job ID: 240-145018-2

Client Sample ID: SB-43

Date Collected: 02/25/21 15:15
Date Received: 02/25/21 16:22

Lab Sample ID: 240-145018-56

Matrix: Solid

Method: 8260B - Volatile Organic Compounds (GC/MS) - SPLP (Continued)

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	93		75 - 130		03/15/21 19:31	20
Toluene-d8 (Surr)	103		69 - 122		03/15/21 19:31	20

Surrogate Summary

Client: TRC Environmental Corporation
Project/Site: ABB 2019 \ 2020

Job ID: 240-145018-2

Method: 8260B - Volatile Organic Compounds (GC/MS)

Matrix: Solid **Prep Type: Total/NA**

		Percent Surrogate Recovery (Acceptance Limits)			
		BFB	DBFM	DCA	TOL
Lab Sample ID	Client Sample ID	(47-134)	(78-129)	(75-130)	(69-122)
LCS 240-476462/5	Lab Control Sample	102	83	89	100
LCS 240-476637/5	Lab Control Sample	105	87	90	103
LCS 240-476846/5	Lab Control Sample	99	86	91	99

Surrogate Legend

BFB = 4-Bromofluorobenzene (Surr)
DBFM = Dibromofluoromethane (Surr)
DCA = 1,2-Dichloroethane-d4 (Surr)
TOL = Toluene-d8 (Surr)

Method: 8260B - Volatile Organic Compounds (GC/MS)

Matrix: Solid **Prep Type: SPLP**

		Percent Surrogate Recovery (Acceptance Limits)			
		BFB	DBFM	DCA	TOL
Lab Sample ID	Client Sample ID	(47-134)	(78-129)	(75-130)	(69-122)
240-145018-4	SB-52	104	84	92	99
240-145018-8	SB-48	107	90	98	102
240-145018-9	SB-41	97	83	90	97
240-145018-23	SB-36	104	90	96	101
240-145018-23	SB-36	98	87	94	100
240-145018-43	SB-47	100	80	93	103
240-145018-52	SB-42	99	84	93	97
240-145018-56	SB-43	107	88	93	103
LB 240-475925/1-A MB	Method Blank	108	89	97	107
LB 240-476496/1-A MB	Method Blank	99	83	91	98

Surrogate Legend

BFB = 4-Bromofluorobenzene (Surr)
DBFM = Dibromofluoromethane (Surr)
DCA = 1,2-Dichloroethane-d4 (Surr)
TOL = Toluene-d8 (Surr)

Method: 8260B - Volatile Organic Compounds (GC/MS)

Lab Sample ID: LCS 240-476462/5
Matrix: Solid
Analysis Batch: 476462

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

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Acetone	40.0	33.1		ug/L		83	33 - 155
Benzene	20.0	19.5		ug/L		98	77 - 123
Bromoform	20.0	21.4		ug/L		107	47 - 133
Bromomethane	20.0	14.1		ug/L		71	48 - 144
2-Butanone (MEK)	40.0	40.8		ug/L		102	41 - 151
Carbon disulfide	20.0	17.9		ug/L		89	67 - 127
Carbon tetrachloride	20.0	19.0		ug/L		95	61 - 142
Chlorobenzene	20.0	21.3		ug/L		107	80 - 120
Chlorodibromomethane	20.0	21.8		ug/L		109	75 - 120
Chloroethane	20.0	15.8		ug/L		79	41 - 147
Chloroform	20.0	18.6		ug/L		93	74 - 127
Chloromethane	20.0	17.7		ug/L		89	46 - 148
cis-1,2-Dichloroethene	20.0	19.4		ug/L		97	75 - 124
cis-1,3-Dichloropropene	20.0	21.9		ug/L		109	68 - 128
1,2-Dibromo-3-Chloropropane	20.0	23.1		ug/L		115	34 - 136
1,2-Dichlorobenzene	20.0	21.6		ug/L		108	74 - 120
1,3-Dichlorobenzene	20.0	22.9		ug/L		114	74 - 120
1,4-Dichlorobenzene	20.0	22.8		ug/L		114	75 - 120
Dichlorobromomethane	20.0	20.3		ug/L		102	73 - 122
Dichlorodifluoromethane	20.0	16.9		ug/L		85	35 - 137
1,1-Dichloroethane	20.0	19.4		ug/L		97	74 - 126
1,2-Dichloroethane	20.0	19.3		ug/L		96	66 - 129
1,1-Dichloroethene	20.0	18.8		ug/L		94	73 - 129
1,2-Dichloropropane	20.0	21.6		ug/L		108	79 - 127
1,4-Dioxane	400	316		ug/L		79	10 - 172
Ethylbenzene	20.0	22.1		ug/L		111	80 - 120
Ethylene Dibromide	20.0	21.9		ug/L		110	73 - 120
2-Hexanone	40.0	50.8		ug/L		127	43 - 142
Isopropylbenzene	20.0	21.5		ug/L		108	73 - 123
Methylene Chloride	20.0	19.3		ug/L		97	63 - 134
4-Methyl-2-pentanone (MIBK)	40.0	44.0		ug/L		110	43 - 145
Methyl tert-butyl ether	20.0	19.0		ug/L		95	57 - 127
m-Xylene & p-Xylene	20.0	21.5		ug/L		107	79 - 121
Naphthalene	20.0	21.6		ug/L		108	28 - 130
o-Xylene	20.0	21.5		ug/L		107	75 - 123
Styrene	20.0	22.6		ug/L		113	75 - 121
1,1,2,2-Tetrachloroethane	20.0	24.2		ug/L		121	45 - 151
Tetrachloroethene	20.0	20.3		ug/L		101	70 - 125
Toluene	20.0	21.7		ug/L		108	79 - 122
trans-1,2-Dichloroethene	20.0	19.4		ug/L		97	74 - 130
trans-1,3-Dichloropropene	20.0	22.6		ug/L		113	64 - 120
1,2,4-Trichlorobenzene	20.0	21.2		ug/L		106	47 - 120
1,1,1-Trichloroethane	20.0	19.2		ug/L		96	65 - 141
1,1,2-Trichloroethane	20.0	21.3		ug/L		106	79 - 121
Trichloroethene	20.0	18.7		ug/L		93	71 - 121
Trichlorofluoromethane	20.0	15.8		ug/L		79	52 - 148
Vinyl chloride	20.0	18.6		ug/L		93	61 - 134
Xylenes, Total	40.0	43.0		ug/L		108	78 - 122

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: LCS 240-476462/5
Matrix: Solid
Analysis Batch: 476462

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

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
4-Bromofluorobenzene (Surr)	*102*		*47 - 134*
Dibromofluoromethane (Surr)	*83*		*78 - 129*
1,2-Dichloroethane-d4 (Surr)	*89*		*75 - 130*
Toluene-d8 (Surr)	*100*		*69 - 122*

Lab Sample ID: LCS 240-476637/5
Matrix: Solid
Analysis Batch: 476637

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

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Acetone	40.0	24.0		ug/L		60	33 - 155
Benzene	20.0	18.9		ug/L		95	77 - 123
Bromoform	20.0	20.6		ug/L		103	47 - 133
Bromomethane	20.0	14.5		ug/L		73	48 - 144
2-Butanone (MEK)	40.0	33.6		ug/L		84	41 - 151
Carbon disulfide	20.0	16.9		ug/L		84	67 - 127
Carbon tetrachloride	20.0	19.3		ug/L		97	61 - 142
Chlorobenzene	20.0	20.9		ug/L		104	80 - 120
Chlorodibromomethane	20.0	21.6		ug/L		108	75 - 120
Chloroethane	20.0	16.0		ug/L		80	41 - 147
Chloroform	20.0	18.4		ug/L		92	74 - 127
Chloromethane	20.0	18.5		ug/L		93	46 - 148
cis-1,2-Dichloroethene	20.0	19.1		ug/L		96	75 - 124
cis-1,3-Dichloropropene	20.0	20.8		ug/L		104	68 - 128
1,2-Dibromo-3-Chloropropane	20.0	20.7		ug/L		104	34 - 136
1,2-Dichlorobenzene	20.0	20.6		ug/L		103	74 - 120
1,3-Dichlorobenzene	20.0	21.7		ug/L		108	74 - 120
1,4-Dichlorobenzene	20.0	21.3		ug/L		106	75 - 120
Dichlorobromomethane	20.0	20.1		ug/L		100	73 - 122
Dichlorodifluoromethane	20.0	17.3		ug/L		87	35 - 137
1,1-Dichloroethane	20.0	19.3		ug/L		96	74 - 126
1,2-Dichloroethane	20.0	18.5		ug/L		93	66 - 129
1,1-Dichloroethene	20.0	18.6		ug/L		93	73 - 129
1,2-Dichloropropane	20.0	20.5		ug/L		102	79 - 127
1,4-Dioxane	400	232		ug/L		58	10 - 172
Ethylbenzene	20.0	21.1		ug/L		106	80 - 120
Ethylene Dibromide	20.0	21.0		ug/L		105	73 - 120
2-Hexanone	40.0	44.6		ug/L		111	43 - 142
Isopropylbenzene	20.0	21.6		ug/L		108	73 - 123
Methylene Chloride	20.0	19.1		ug/L		95	63 - 134
4-Methyl-2-pentanone (MIBK)	40.0	39.5		ug/L		99	43 - 145
Methyl tert-butyl ether	20.0	17.8		ug/L		89	57 - 127
m-Xylene & p-Xylene	20.0	21.3		ug/L		106	79 - 121
Naphthalene	20.0	20.9		ug/L		105	28 - 130
o-Xylene	20.0	21.1		ug/L		106	75 - 123
Styrene	20.0	21.8		ug/L		109	75 - 121
1,1,2,2-Tetrachloroethane	20.0	23.1		ug/L		116	45 - 151
Tetrachloroethene	20.0	19.8		ug/L		99	70 - 125

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: LCS 240-476637/5
Matrix: Solid
Analysis Batch: 476637

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

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Toluene	20.0	21.2		ug/L		106	79 - 122
trans-1,2-Dichloroethene	20.0	19.3		ug/L		96	74 - 130
trans-1,3-Dichloropropene	20.0	22.1		ug/L		111	64 - 120
1,2,4-Trichlorobenzene	20.0	20.4		ug/L		102	47 - 120
1,1,1-Trichloroethane	20.0	19.5		ug/L		98	65 - 141
1,1,2-Trichloroethane	20.0	20.8		ug/L		104	79 - 121
Trichloroethene	20.0	18.3		ug/L		91	71 - 121
Trichlorofluoromethane	20.0	15.9		ug/L		80	52 - 148
Vinyl chloride	20.0	19.5		ug/L		97	61 - 134
Xylenes, Total	40.0	42.4		ug/L		106	78 - 122

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
4-Bromofluorobenzene (Surr)	*105*		*47 - 134*
Dibromofluoromethane (Surr)	*87*		*78 - 129*
1,2-Dichloroethane-d4 (Surr)	*90*		*75 - 130*
Toluene-d8 (Surr)	*103*		*69 - 122*

Lab Sample ID: LCS 240-476846/5
Matrix: Solid
Analysis Batch: 476846

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

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Acetone	40.0	37.4		ug/L		93	33 - 155
Benzene	20.0	19.1		ug/L		95	77 - 123
Bromoform	20.0	21.4		ug/L		107	47 - 133
Bromomethane	20.0	14.3		ug/L		71	48 - 144
2-Butanone (MEK)	40.0	43.0		ug/L		107	41 - 151
Carbon disulfide	20.0	14.5		ug/L		73	67 - 127
Carbon tetrachloride	20.0	18.0		ug/L		90	61 - 142
Chlorobenzene	20.0	21.1		ug/L		105	80 - 120
Chlorodibromomethane	20.0	22.1		ug/L		110	75 - 120
Chloroethane	20.0	16.3		ug/L		82	41 - 147
Chloroform	20.0	18.9		ug/L		94	74 - 127
Chloromethane	20.0	18.4		ug/L		92	46 - 148
cis-1,2-Dichloroethene	20.0	19.2		ug/L		96	75 - 124
cis-1,3-Dichloropropene	20.0	21.2		ug/L		106	68 - 128
1,2-Dibromo-3-Chloropropane	20.0	23.5		ug/L		118	34 - 136
1,2-Dichlorobenzene	20.0	20.3		ug/L		101	74 - 120
1,3-Dichlorobenzene	20.0	21.1		ug/L		105	74 - 120
1,4-Dichlorobenzene	20.0	21.0		ug/L		105	75 - 120
Dichlorobromomethane	20.0	20.6		ug/L		103	73 - 122
Dichlorodifluoromethane	20.0	16.9		ug/L		85	35 - 137
1,1-Dichloroethane	20.0	19.3		ug/L		97	74 - 126
1,2-Dichloroethane	20.0	19.2		ug/L		96	66 - 129
1,1-Dichloroethene	20.0	17.2		ug/L		86	73 - 129
1,2-Dichloropropane	20.0	20.7		ug/L		104	79 - 127
1,4-Dioxane	400	382		ug/L		95	10 - 172
Ethylbenzene	20.0	21.7		ug/L		108	80 - 120

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: LCS 240-476846/5
Matrix: Solid
Analysis Batch: 476846

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

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Ethylene Dibromide	20.0	21.7		ug/L		108	73 - 120
2-Hexanone	40.0	47.2		ug/L		118	43 - 142
Isopropylbenzene	20.0	21.8		ug/L		109	73 - 123
Methylene Chloride	20.0	19.0		ug/L		95	63 - 134
4-Methyl-2-pentanone (MIBK)	40.0	43.9		ug/L		110	43 - 145
Methyl tert-butyl ether	20.0	18.9		ug/L		95	57 - 127
m-Xylene & p-Xylene	20.0	21.3		ug/L		107	79 - 121
Naphthalene	20.0	22.9		ug/L		115	28 - 130
o-Xylene	20.0	21.4		ug/L		107	75 - 123
Styrene	20.0	22.2		ug/L		111	75 - 121
1,1,2,2-Tetrachloroethane	20.0	23.1		ug/L		115	45 - 151
Tetrachloroethene	20.0	19.8		ug/L		99	70 - 125
Toluene	20.0	21.4		ug/L		107	79 - 122
trans-1,2-Dichloroethene	20.0	19.0		ug/L		95	74 - 130
trans-1,3-Dichloropropene	20.0	22.3		ug/L		111	64 - 120
1,2,4-Trichlorobenzene	20.0	21.3		ug/L		106	47 - 120
1,1,1-Trichloroethane	20.0	19.3		ug/L		96	65 - 141
1,1,2-Trichloroethane	20.0	21.1		ug/L		106	79 - 121
Trichloroethene	20.0	18.1		ug/L		91	71 - 121
Trichlorofluoromethane	20.0	15.7		ug/L		79	52 - 148
Vinyl chloride	20.0	19.1		ug/L		96	61 - 134
Xylenes, Total	40.0	42.7		ug/L		107	78 - 122

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
4-Bromofluorobenzene (Surr)	*99*		*47 - 134*
Dibromofluoromethane (Surr)	*86*		*78 - 129*
1,2-Dichloroethane-d4 (Surr)	*91*		*75 - 130*
Toluene-d8 (Surr)	*99*		*69 - 122*

Lab Sample ID: LB 240-475925/1-A MB
Matrix: Solid
Analysis Batch: 476462

Client Sample ID: Method Blank
Prep Type: SPLP

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	8.44	J	10	5.4	ug/L			03/12/21 00:14	1
Benzene	<0.13		1.0	0.13	ug/L			03/12/21 00:14	1
Bromoform	<0.76		1.0	0.76	ug/L			03/12/21 00:14	1
Bromomethane	<0.42		1.0	0.42	ug/L			03/12/21 00:14	1
2-Butanone (MEK)	<1.2		10	1.2	ug/L			03/12/21 00:14	1
Carbon disulfide	<0.28		1.0	0.28	ug/L			03/12/21 00:14	1
Carbon tetrachloride	<0.26		1.0	0.26	ug/L			03/12/21 00:14	1
Chlorobenzene	<0.14		1.0	0.14	ug/L			03/12/21 00:14	1
Chlorodibromomethane	<0.39		1.0	0.39	ug/L			03/12/21 00:14	1
Chloroethane	<0.83		1.0	0.83	ug/L			03/12/21 00:14	1
Chloroform	<0.13		1.0	0.13	ug/L			03/12/21 00:14	1
Chloromethane	<0.20		1.0	0.20	ug/L			03/12/21 00:14	1
cis-1,2-Dichloroethene	<0.16		1.0	0.16	ug/L			03/12/21 00:14	1
cis-1,3-Dichloropropene	<0.61		1.0	0.61	ug/L			03/12/21 00:14	1

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: LB 240-475925/1-A MB
Matrix: Solid
Analysis Batch: 476462

Client Sample ID: Method Blank
Prep Type: SPLP

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2-Dibromo-3-Chloropropane	<0.91		2.0	0.91	ug/L			03/12/21 00:14	1
1,2-Dichlorobenzene	<0.15		1.0	0.15	ug/L			03/12/21 00:14	1
1,3-Dichlorobenzene	<0.15		1.0	0.15	ug/L			03/12/21 00:14	1
1,4-Dichlorobenzene	<0.16		1.0	0.16	ug/L			03/12/21 00:14	1
Dichlorobromomethane	<0.17		1.0	0.17	ug/L			03/12/21 00:14	1
Dichlorodifluoromethane	<0.35		1.0	0.35	ug/L			03/12/21 00:14	1
1,1-Dichloroethane	<0.17		1.0	0.17	ug/L			03/12/21 00:14	1
1,2-Dichloroethane	<0.21		1.0	0.21	ug/L			03/12/21 00:14	1
1,1-Dichloroethene	<0.19		1.0	0.19	ug/L			03/12/21 00:14	1
1,2-Dichloropropane	<0.15		1.0	0.15	ug/L			03/12/21 00:14	1
1,4-Dioxane	<13		50	13	ug/L			03/12/21 00:14	1
Ethylbenzene	<0.11		1.0	0.11	ug/L			03/12/21 00:14	1
Ethylene Dibromide	<0.12		1.0	0.12	ug/L			03/12/21 00:14	1
2-Hexanone	<0.54		10	0.54	ug/L			03/12/21 00:14	1
Isopropylbenzene	<0.090		1.0	0.090	ug/L			03/12/21 00:14	1
Methylene Chloride	<2.6		5.0	2.6	ug/L			03/12/21 00:14	1
4-Methyl-2-pentanone (MIBK)	<0.42		10	0.42	ug/L			03/12/21 00:14	1
Methyl tert-butyl ether	<0.070		1.0	0.070	ug/L			03/12/21 00:14	1
Naphthalene	<0.32		1.0	0.32	ug/L			03/12/21 00:14	1
Styrene	<0.10		1.0	0.10	ug/L			03/12/21 00:14	1
1,1,2,2-Tetrachloroethane	<0.13		1.0	0.13	ug/L			03/12/21 00:14	1
Tetrachloroethene	<0.15		1.0	0.15	ug/L			03/12/21 00:14	1
Toluene	<0.14		1.0	0.14	ug/L			03/12/21 00:14	1
trans-1,2-Dichloroethene	<0.19		1.0	0.19	ug/L			03/12/21 00:14	1
trans-1,3-Dichloropropene	<0.67		1.0	0.67	ug/L			03/12/21 00:14	1
1,2,4-Trichlorobenzene	<0.26		1.0	0.26	ug/L			03/12/21 00:14	1
1,1,1-Trichloroethane	<0.24		1.0	0.24	ug/L			03/12/21 00:14	1
1,1,2-Trichloroethane	<0.090		1.0	0.090	ug/L			03/12/21 00:14	1
Trichloroethene	<0.10		1.0	0.10	ug/L			03/12/21 00:14	1
Trichlorofluoromethane	<0.45		1.0	0.45	ug/L			03/12/21 00:14	1
Vinyl chloride	<0.20		1.0	0.20	ug/L			03/12/21 00:14	1
Xylenes, Total	<0.15		2.0	0.15	ug/L			03/12/21 00:14	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*108*		*47 - 134*		*03/12/21 00:14*	*1*
Dibromofluoromethane (Surr)	*89*		*78 - 129*		*03/12/21 00:14*	*1*
1,2-Dichloroethane-d4 (Surr)	*97*		*75 - 130*		*03/12/21 00:14*	*1*
Toluene-d8 (Surr)	*107*		*69 - 122*		*03/12/21 00:14*	*1*

Lab Sample ID: LB 240-476496/1-A MB
Matrix: Solid
Analysis Batch: 476846

Client Sample ID: Method Blank
Prep Type: SPLP

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	<5.4		10	5.4	ug/L			03/15/21 18:47	1
Benzene	<0.13		1.0	0.13	ug/L			03/15/21 18:47	1
Bromoform	<0.76		1.0	0.76	ug/L			03/15/21 18:47	1
Bromomethane	<0.42		1.0	0.42	ug/L			03/15/21 18:47	1

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: LB 240-476496/1-A MB
Matrix: Solid
Analysis Batch: 476846

Client Sample ID: Method Blank
Prep Type: SPLP

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2-Butanone (MEK)	<1.2		10	1.2	ug/L			03/15/21 18:47	1
Carbon disulfide	<0.28		1.0	0.28	ug/L			03/15/21 18:47	1
Carbon tetrachloride	<0.26		1.0	0.26	ug/L			03/15/21 18:47	1
Chlorobenzene	<0.14		1.0	0.14	ug/L			03/15/21 18:47	1
Chlorodibromomethane	<0.39		1.0	0.39	ug/L			03/15/21 18:47	1
Chloroethane	<0.83		1.0	0.83	ug/L			03/15/21 18:47	1
Chloroform	<0.13		1.0	0.13	ug/L			03/15/21 18:47	1
Chloromethane	<0.20		1.0	0.20	ug/L			03/15/21 18:47	1
cis-1,2-Dichloroethene	<0.16		1.0	0.16	ug/L			03/15/21 18:47	1
cis-1,3-Dichloropropene	<0.61		1.0	0.61	ug/L			03/15/21 18:47	1
1,2-Dibromo-3-Chloropropane	<0.91		2.0	0.91	ug/L			03/15/21 18:47	1
1,2-Dichlorobenzene	<0.15		1.0	0.15	ug/L			03/15/21 18:47	1
1,3-Dichlorobenzene	<0.15		1.0	0.15	ug/L			03/15/21 18:47	1
1,4-Dichlorobenzene	<0.16		1.0	0.16	ug/L			03/15/21 18:47	1
Dichlorobromomethane	<0.17		1.0	0.17	ug/L			03/15/21 18:47	1
Dichlorodifluoromethane	<0.35		1.0	0.35	ug/L			03/15/21 18:47	1
1,1-Dichloroethane	<0.17		1.0	0.17	ug/L			03/15/21 18:47	1
1,2-Dichloroethane	<0.21		1.0	0.21	ug/L			03/15/21 18:47	1
1,1-Dichloroethene	<0.19		1.0	0.19	ug/L			03/15/21 18:47	1
1,2-Dichloropropane	<0.15		1.0	0.15	ug/L			03/15/21 18:47	1
1,4-Dioxane	<13		50	13	ug/L			03/15/21 18:47	1
Ethylbenzene	<0.11		1.0	0.11	ug/L			03/15/21 18:47	1
Ethylene Dibromide	<0.12		1.0	0.12	ug/L			03/15/21 18:47	1
2-Hexanone	<0.54		10	0.54	ug/L			03/15/21 18:47	1
Isopropylbenzene	<0.090		1.0	0.090	ug/L			03/15/21 18:47	1
Methylene Chloride	<2.6		5.0	2.6	ug/L			03/15/21 18:47	1
4-Methyl-2-pentanone (MIBK)	<0.42		10	0.42	ug/L			03/15/21 18:47	1
Methyl tert-butyl ether	<0.070		1.0	0.070	ug/L			03/15/21 18:47	1
Naphthalene	<0.32		1.0	0.32	ug/L			03/15/21 18:47	1
Styrene	<0.10		1.0	0.10	ug/L			03/15/21 18:47	1
1,1,2,2-Tetrachloroethane	<0.13		1.0	0.13	ug/L			03/15/21 18:47	1
Tetrachloroethene	<0.15		1.0	0.15	ug/L			03/15/21 18:47	1
Toluene	0.205	J	1.0	0.14	ug/L			03/15/21 18:47	1
trans-1,2-Dichloroethene	<0.19		1.0	0.19	ug/L			03/15/21 18:47	1
trans-1,3-Dichloropropene	<0.67		1.0	0.67	ug/L			03/15/21 18:47	1
1,2,4-Trichlorobenzene	<0.26		1.0	0.26	ug/L			03/15/21 18:47	1
1,1,1-Trichloroethane	<0.24		1.0	0.24	ug/L			03/15/21 18:47	1
1,1,2-Trichloroethane	<0.090		1.0	0.090	ug/L			03/15/21 18:47	1
Trichloroethene	<0.10		1.0	0.10	ug/L			03/15/21 18:47	1
Trichlorofluoromethane	<0.45		1.0	0.45	ug/L			03/15/21 18:47	1
Vinyl chloride	<0.20		1.0	0.20	ug/L			03/15/21 18:47	1
Xylenes, Total	<0.15		2.0	0.15	ug/L			03/15/21 18:47	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*99*		*47 - 134*		*03/15/21 18:47*	*1*
Dibromofluoromethane (Surr)	*83*		*78 - 129*		*03/15/21 18:47*	*1*
1,2-Dichloroethane-d4 (Surr)	*91*		*75 - 130*		*03/15/21 18:47*	*1*
Toluene-d8 (Surr)	*98*		*69 - 122*		*03/15/21 18:47*	*1*

QC Association Summary

Client: TRC Environmental Corporation
Project/Site: ABB 2019 \ 2020

Job ID: 240-145018-2

GC/MS VOA

Leach Batch: 475925

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
240-145018-4	SB-52	SPLP	Solid	1312	
240-145018-8	SB-48	SPLP	Solid	1312	
240-145018-9	SB-41	SPLP	Solid	1312	
240-145018-23	SB-36	SPLP	Solid	1312	
LB 240-475925/1-A MB	Method Blank	SPLP	Solid	1312	

Analysis Batch: 476462

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
240-145018-4	SB-52	SPLP	Solid	8260B	475925
240-145018-8	SB-48	SPLP	Solid	8260B	475925
240-145018-9	SB-41	SPLP	Solid	8260B	475925
240-145018-23	SB-36	SPLP	Solid	8260B	475925
LB 240-475925/1-A MB	Method Blank	SPLP	Solid	8260B	475925
LCS 240-476462/5	Lab Control Sample	Total/NA	Solid	8260B	

Leach Batch: 476496

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
240-145018-43	SB-47	SPLP	Solid	1312	
240-145018-52	SB-42	SPLP	Solid	1312	
240-145018-56	SB-43	SPLP	Solid	1312	
LB 240-476496/1-A MB	Method Blank	SPLP	Solid	1312	

Analysis Batch: 476637

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
240-145018-23	SB-36	SPLP	Solid	8260B	475925
240-145018-43	SB-47	SPLP	Solid	8260B	476496
LCS 240-476637/5	Lab Control Sample	Total/NA	Solid	8260B	

Analysis Batch: 476846

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
240-145018-52	SB-42	SPLP	Solid	8260B	476496
240-145018-56	SB-43	SPLP	Solid	8260B	476496
LB 240-476496/1-A MB	Method Blank	SPLP	Solid	8260B	476496
LCS 240-476846/5	Lab Control Sample	Total/NA	Solid	8260B	

Lab Chronicle

Client: TRC Environmental Corporation
Project/Site: ABB 2019 \ 2020

Job ID: 240-145018-2

Client Sample ID: SB-52 — Lab Sample ID: 240-145018-4

Date Collected: 02/24/21 15:50
Date Received: 02/25/21 16:22
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
SPLP	Leach	1312			475925	03/08/21 17:05	DRJ	TAL CAN
SPLP	Analysis	8260B		1	476462	03/12/21 00:37	TJL1	TAL CAN

Client Sample ID: SB-48 — Lab Sample ID: 240-145018-8

Date Collected: 02/24/21 16:30
Date Received: 02/25/21 16:22
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
SPLP	Leach	1312			475925	03/08/21 17:05	DRJ	TAL CAN
SPLP	Analysis	8260B		1	476462	03/12/21 00:59	TJL1	TAL CAN

Client Sample ID: SB-41 — Lab Sample ID: 240-145018-9

Date Collected: 02/25/21 10:35
Date Received: 02/25/21 16:22
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
SPLP	Leach	1312			475925	03/08/21 17:05	DRJ	TAL CAN
SPLP	Analysis	8260B		1	476462	03/12/21 01:21	TJL1	TAL CAN

Client Sample ID: SB-36 — Lab Sample ID: 240-145018-23

Date Collected: 02/25/21 07:35
Date Received: 02/25/21 16:22
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
SPLP	Leach	1312			475925	03/08/21 17:05	DRJ	TAL CAN
SPLP	Analysis	8260B		1	476462	03/12/21 01:42	TJL1	TAL CAN
SPLP	Leach	1312			475925	03/08/21 17:05	DRJ	TAL CAN
SPLP	Analysis	8260B		5	476637	03/12/21 18:26	TJL1	TAL CAN

Client Sample ID: SB-47 — Lab Sample ID: 240-145018-43

Date Collected: 02/25/21 13:10
Date Received: 02/25/21 16:22
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
SPLP	Leach	1312			476496	03/11/21 16:50	DRJ	TAL CAN
SPLP	Analysis	8260B		1	476637	03/12/21 20:16	TJL1	TAL CAN

Client Sample ID: SB-42 — Lab Sample ID: 240-145018-52

Date Collected: 02/25/21 14:30
Date Received: 02/25/21 16:22
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
SPLP	Leach	1312			476496	03/11/21 16:50	DRJ	TAL CAN
SPLP	Analysis	8260B		12.5	476846	03/15/21 19:09	TJL1	TAL CAN

Lab Chronicle

Client: TRC Environmental Corporation
Project/Site: ABB 2019 \ 2020

Job ID: 240-145018-2

Client Sample ID: SB-43

Date Collected: 02/25/21 15:15
Date Received: 02/25/21 16:22

Lab Sample ID: 240-145018-56

Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
SPLP	Leach	1312			476496	03/11/21 16:50	DRJ	TAL CAN
SPLP	Analysis	8260B		20	476846	03/15/21 19:31	TJL1	TAL CAN

Laboratory References:

TAL CAN = Eurofins TestAmerica, Canton, 4101 Shuffel Street NW, North Canton, OH 44720, TEL (330)497-9396

Accreditation/Certification Summary

Client: TRC Environmental Corporation
Project/Site: ABB 2019 \ 2020

Job ID: 240-145018-2

Laboratory: Eurofins TestAmerica, Canton

Unless otherwise noted, all analytes for this laboratory were covered under each accreditation/certification below.

Authority	Program	Identification Number	Expiration Date
Ohio VAP	State	CL0024	12-21-23

The following analytes are included in this report, but the laboratory is not certified by the governing authority. This list may include analytes for which the agency does not offer certification.

Analysis Method	Prep Method	Matrix	Analyte
8260B		Solid	1,1,1-Trichloroethane
8260B		Solid	1,1,2,2-Tetrachloroethane
8260B		Solid	1,1,2-Trichloroethane
8260B		Solid	1,1-Dichloroethane
8260B		Solid	1,1-Dichloroethene
8260B		Solid	1,2,4-Trichlorobenzene
8260B		Solid	1,2-Dibromo-3-Chloropropane
8260B		Solid	1,2-Dichlorobenzene
8260B		Solid	1,2-Dichloroethane
8260B		Solid	1,2-Dichloropropane
8260B		Solid	1,3-Dichlorobenzene
8260B		Solid	1,4-Dichlorobenzene
8260B		Solid	1,4-Dioxane
8260B		Solid	2-Butanone (MEK)
8260B		Solid	2-Hexanone
8260B		Solid	4-Methyl-2-pentanone (MIBK)
8260B		Solid	Acetone
8260B		Solid	Benzene
8260B		Solid	Bromoform
8260B		Solid	Bromomethane
8260B		Solid	Carbon disulfide
8260B		Solid	Carbon tetrachloride
8260B		Solid	Chlorobenzene
8260B		Solid	Chlorodibromomethane
8260B		Solid	Chloroethane
8260B		Solid	Chloroform
8260B		Solid	Chloromethane
8260B		Solid	cis-1,2-Dichloroethene
8260B		Solid	cis-1,3-Dichloropropene
8260B		Solid	Dichlorobromomethane
8260B		Solid	Dichlorodifluoromethane
8260B		Solid	Ethylbenzene
8260B		Solid	Ethylene Dibromide
8260B		Solid	Isopropylbenzene
8260B		Solid	Methyl tert-butyl ether
8260B		Solid	Methylene Chloride
8260B		Solid	Naphthalene
8260B		Solid	Styrene
8260B		Solid	Tetrachloroethene
8260B		Solid	Toluene
8260B		Solid	trans-1,2-Dichloroethene
8260B		Solid	trans-1,3-Dichloropropene
8260B		Solid	Trichloroethene
8260B		Solid	Trichlorofluoromethane
8260B		Solid	Vinyl chloride

Accreditation/Certification Summary

Client: TRC Environmental Corporation
Project/Site: ABB 2019 \ 2020

Job ID: 240-145018-2

Laboratory: Eurofins TestAmerica, Canton (Continued)

Unless otherwise noted, all analytes for this laboratory were covered under each accreditation/certification below.

Authority	Program	Identification Number	Expiration Date
Ohio VAP	State	CL0024	12-21-23
8260B	Solid	Xylenes, Total	

Chain of Custody Record 497081

eurofins | Environment Testing TestAmerica

Address: _____

Regulatory Program: ☐ DW ☐ NPDES ☐ RCRA ☐ Other:

TAL-8210

Client Contact			
Company Name: TRC	Project Manager: DAVID KREGER	Site Contact: KENTON FOWLER	Date: 2/25/2021
Address:	Tel/Email: (734) 904-3312	Lab Contact: LESLIE HOWELL	Carrier: HAND DELIVER
City/State/Zip:	Analysis Turnaround Time		COC No: 497061
Phone:	☐ CALENDAR DAYS ☐ WORKING DAYS		1 of ____ COCs
Fax:	TAT if different from Below ____		Sampler:
Project Name: ABB-WICKLIFFE	☐ 2 weeks		For Lab Use Only:
Site: WICKLIFFE, OHIO	☐ 1 week		Walk-in Client:
P O #	☐ 2 days		Lab Sampling:
	☐ 1 day		Job / SDG No.:

Sample Identification	Sample Date	Sample Time	Sample Type (C=Comp, G=Grab)	Matrix	# of Cont.	Filtered Sample (Y/N)	Perform MS/MSD (Y/N)	8260-VOCs	SPLP (HOLD)	Sample Specific Notes:
SB-52 (0-2)	2/24/21	15:30	GRAB	SOIL	4			X		
SB-52 (2-4)		15:40			4			X		
SB-52 (4-6)		15:45			4			X		
SB-52		15:30			1				X	HOLD
SB-48 (0-2)		16:15			4			X		
SB-48 (2-4)		16:20			4			X		
SB-48 (4-6)		16:25			4			X		
SB-48		16:30			1				X	HOLD
SB-41	2/25/21	1035	C		1				X	HOLD
SB-41 (0-2)		1020	G		4			X		
SB-41 (2-4)		1025	G		4			X		
SB-41 (4-6)		1030	G		4			X		

240-145018 Chain of Custody

Preservation Used: 1= Ice, 2= HCl; 3= H2SO4; 4=HNO3; 5=NaOH; 6= Other _____

Possible Hazard Identification:
Are any samples from a listed EPA Hazardous Waste? Please List any EPA Waste Codes for the sample in the Comments Section if the lab is to dispose of the sample.

☐ Non-Hazard ☐ Flammable ☐ Skin Irritant ☐ Poison B ☐ Unknown

Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)

☐ Return to Client ☐ Disposal by Lab ☐ Archive for _____ Months

Special Instructions/QC Requirements & Comments: OHIO VAP CERTIFIED DATA

Custody Seals Intact: ☐ Yes ☐ No | Custody Seal No.: | Cooler Temp. (°C): Obs'd: _____ Corr'd: _____ Therm ID No.: _____

Relinquished by:	Company:	Date/Time:	Received by:	Company:	Date/Time:
Kenton Fowler	TRC	2/25/21 1622	Adam Gomez	ETA	2-25-21 1622
Relinquished by:	Company:	Date/Time:	Received by:	Company:	Date/Time:
Relinquished by:	Company:	Date/Time:	Received in Laboratory by:	Company:	Date/Time:

Eurofins TestAmerica, Canton
4101 Shuffel Street NW
North Canton, OH 44720
Phone: 330-497-9396 Fax: 330-497-0772

Chain of Custody Record

eurofins | Environment Testing America

Client Information	Sampler: KENTON FOWLER	Lab PM: Howell, Leslie	Carrier Tracking No(s):	COC No: 240-77477-30888.2
Client Contact: Kathleen Teuscher	Phone: 513-675-5189	E-Mail: Leslie.Howell@Eurofinset.com	State of Origin:	Page: Page 2 of 12
Company: TRC Environmental Corporation	PWSID:			Job #:
Address: 1382 West Ninth Street Suite 400	Due Date Requested:			
City: Cleveland	TAT Requested (days):			
State, Zip: OH, 44113	Compliance Project: Δ Yes Δ No			
Phone:	PO #: Purchase Order Requested			
Email: kteuscher@trccompanies.com	WO #:			
Project Name: ABB 2019 \ 2020	Project #: 24024033			
Site:	SSOW#:			

Analysis Requested

Preservation Codes:
A - HCL, B - NaOH, C - Zn Acetate, D - Nitric Acid, E - NaHSO4, F - MeOH, G - Amchlor, H - Ascorbic Acid, I - Ice, J - DI Water, K - EDTA, L - EDA
M - Hexane, N - None, O - AsNaO2, P - Na2O4S, Q - Na2SO3, R - Na2S2O3, S - H2SO4, T - TSP Dodecahydrate, U - Acetone, V - MCAA, W - pH 4-5, Z - other (specify)
Other:

Sample Identification	Sample Date	Sample Time	Sample Type (C=comp, G=grab)	Matrix (W=water, S=solid, O=wasteoil, BT=Tissue, A=Air)	Field Filtered Sample (Yes or No)	Perform MS/MSD (Yes or No)	8260B - (MOD) TCL OLM03.1/4.2 Volatile Analyte L	6010B, 7196A	8260B - SPLP VOC	1010 - Ignitability	8260B - TCLP Volatiles	9012A, 9034_Calc, 9045C	6010B, 7470A	8260B - (MOD) TCL OLM03.1/4.2 Volatile Analyte L	Total Number of containers	Special Instructions/Note:
			Preservation Code:				N	N	N	N	N	N	N	A		
SB-38	2/25/21	835	C	Solid					1							
SB-38 (0-2)		825	G	Solid			1									
SB-38 (2-4)		830	G	Solid			1									
SB-38 (4-6)		835	G	Solid			1									
SB-39		900	C	Solid					1							
SB-39 (0-2)		845	G	Solid			1									
SB-39 (2-4)		850	G	Solid			1									
SB-39 (4-6)		855	G	Solid			1									
WCA02-01		915		Solid			1			1	1	1	1		S	
WCA02-02		950		Solid			1			1	1	1	1		S	
				Solid												

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

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

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

Special Instructions/QC Requirements:

Empty Kit Relinquished by:	Date:	Time:	Method of Shipment:		
Relinquished by: Kenton Fowler	Date/Time: 2/25/21 @ 1622	Company: TRC	Received by: Adam Garrett	Date/Time: 2-25-21 1622	Company: ETJ
Relinquished by:	Date/Time:	Company:	Received by:	Date/Time:	Company:
Relinquished by:	Date/Time:	Company:	Received by:	Date/Time:	Company:
Custody Seals Intact: Δ Yes Δ No	Custody Seal No.:		Cooler Temperature(s) °C and Other Remarks:		

Ver: 11/01/2020

Eurofins TestAmerica, Canton
4101 Shuffel Street NW
North Canton, OH 44720
Phone: 330-497-9396 Fax: 330-497-0772

Chain of Custody Record

eurofins | Environment Testing America

Client Information	Sampler:	Lab PM: Howell, Leslie	Carrier Tracking No(s):	COC No: 240-77477-30888.3
Client Contact: Kathleen Teuscher	Phone:	E-Mail: Leslie.Howell@Eurofinset.com	State of Origin:	Page: Page 3 of 12
Company: TRC Environmental Corporation	PWSID:			Job #:
Address: 1382 West Ninth Street Suite 400	Due Date Requested:			
City: Cleveland	TAT Requested (days):			
State, Zip: OH, 44113	Compliance Project: Δ Yes Δ No			
Phone:	PO #: Purchase Order Requested			
Email: kteuscher@trccompanies.com	WO #:			
Project Name: ABB 2019 \ 2020	Project #: 24024033			
Site:	SSOW#:			

Analysis Requested

Preservation Codes:
A - HCL, B - NaOH, C - Zn Acetate, D - Nitric Acid, E - NaHSO4, F - MeOH, G - Amchlor, H - Ascorbic Acid, I - Ice, J - DI Water, K - EDTA, L - EDA
M - Hexane, N - None, O - AsNaO2, P - Na2O4S, Q - Na2SO3, R - Na2S2O3, S - H2SO4, T - TSP Dodecahydrate, U - Acetone, V - MCAA, W - pH 4-5, Z - other (specify)
Other:

Sample Identification	Sample Date	Sample Time	Sample Type (C=comp, G=grab)	Matrix (W=water, S=solid, O=waste/oil, BT=Tissue, A=Air)	Field Filtered Sample (Yes or No)	Perform MS/MSD (Yes or No)	8260B - (MOD) TCL OLM03.1/4.2 Volatile Analyte L	6010B, 7196A	8260B - SPLP VOC	1010 - Ignitability	8260B - TCLP Volatiles	9012A, 9034_Calc, 9045C	6010B, 7470A	8260B - (MOD) TCL OLM03.1/4.2 Volatile Analyte L						Total Number of containers	Special Instructions/Note:
				Preservation Code:			N	N	N	N	N	N	N	A							
SB-36	2/25/21	735	C	Solid					1											1	
SB-36 (0-2)_HEX		725	G	Solid				1												1	
SB-36 (0-2)		720	G	Solid			1													1	
SB-36 (2-4)		725	G	Solid			1													1	
SB-36 (4-6)		730	G	Solid			1													1	
SB-53		805	C	Solid					1											1	
SB-53 (0-2)		750	G	Solid			1													1	
SB-53 (2-4)		755	G	Solid			1													1	
SB-53 (4-6)		800	G	Solid			1													1	
DUPLICATE_01			G	Solid			1													1	
				Solid																	

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

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

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

Special Instructions/QC Requirements:

Empty Kit Relinquished by:	Date:	Time:	Method of Shipment:		
Relinquished by: K L Fish	Date/Time: 2/25/21 1622	Company: TRC	Received by: [signature]	Date/Time: 2-25-21 1622	Company: EOA
Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company
Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company

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

Ver: 11 01 2020

Eurofins TestAmerica, Canton
4101 Shuffel Street NW
North Canton, OH 44720
Phone: 330-497-9396 Fax: 330-497-0772

Chain of Custody Record

eurofins | Environment Testing America

Client Information	Sampler: Kenton Fowler	Lab PM: Howell, Leslie	Carrier Tracking No(s):	COC No: 240-77477-30888.5
Client Contact: Kathleen Teuscher	Phone: 513-675-5189	E-Mail: Leslie.Howell@Eurofinset.com	State of Origin:	Page: Page 5 of 12
Company: TRC Environmental Corporation	PWSID:			Job #:
Address: 1382 West Ninth Street Suite 400	Due Date Requested:			
City: Cleveland	TAT Requested (days):			
State, Zip: OH, 44113	Compliance Project: ☐ Yes ☐ No			
Phone:	PO #: Purchase Order Requested			
Email: kteuscher@trccompanies.com	WO #:			
Project Name: ABB 2019 \ 2020	Project #: 24024033			
Site:	SSOW#:			

Analysis Requested

Preservation Codes:
A - HCL, B - NaOH, C - Zn Acetate, D - Nitric Acid, E - NaHSO4, F - MeOH, G - Amchlor, H - Ascorbic Acid, I - Ice, J - DI Water, K - EDTA, L - EDA
M - Hexane, N - None, O - AsNaO2, P - Na2O4S, Q - Na2SO3, R - Na2S2O3, S - H2SO4, T - TSP Dodecahydrate, U - Acetone, V - MCAA, W - pH 4-5, Z - other (specify)
Other:

Sample Identification	Sample Date	Sample Time	Sample Type (C=comp, G=grab)	Matrix (W=water, S=solid, O=waste/oil, BT=Tissue, A=Air)	Field Filtered Sample (Yes or No)	Perform MS/MSD (Yes or No)	8260B - (MOD) TCL OLM03.1/4.2 Volatile Analyte L	6010B, 7196A	8260B - SPLP VOC	1010 - Ignitability	8260B - TCLP Volatiles	9012A, 9034_Calc, 9045C	6010B, 7470A	8260B - (MOD) TCL OLM03.1/4.2 Volatile Analyte L						Total Number of containers	Special Instructions/Note:
				Preservation Code:			N	N	N	N	N	N	N	A							
WCA02-02 (0-2)	2/25/21	955	G	Solid			1													1	
WCA02-02 (6-8)	2/25/21	1000	G	Solid			1													1	
				Solid																	
				Solid																	
				Solid																	
				Solid																	
				Solid																	
				Solid																	
				Solid																	
				Solid																	
				Solid																	

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

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

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

Special Instructions/QC Requirements:

Empty Kit Relinquished by:	Date:	Time:	Method of Shipment:		
Relinquished by: Kenton Fowler	Date/Time: 2/25/21 @ 1622	Company: TRC	Received by: Adam Bennett	Date/Time: 2-25-21 1622	Company: ETA
Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company
Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company

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

Ver: 11.01.2020

Eurofins TestAmerica, Canton
4101 Shuffel Street NW
North Canton, OH 44720
Phone: 330-497-9396 Fax: 330-497-0772

Chain of Custody Record

eurofins | Environment Testing America

Client Information	Sampler: KENTON FOWLER	Lab PM: Howell, Leslie	Carrier Tracking No(s):	COC No: 240-77477-30888.6
Client Contact: Kathleen Teuscher	Phone: 513-675-5189	E-Mail: Leslie.Howell@Eurofinset.com	State of Origin:	Page: Page 6 of 12
Company: TRC Environmental Corporation	PWSID:			Job #:
Address: 1382 West Ninth Street Suite 400	Due Date Requested:			
City: Cleveland	TAT Requested (days):			
State, Zip: OH, 44113	Compliance Project: \ Yes \ No			
Phone:	PO #: Purchase Order Requested			
Email: kteuscher@trccompanies.com	WO #:			
Project Name: ABB 2019 \ 2020	Project #: 24024033			
Site:	SSOW#:			

Analysis Requested

Preservation Codes:
A - HCL, B - NaOH, C - Zn Acetate, D - Nitric Acid, E - NaHSO4, F - MeOH, G - Amchlor, H - Ascorbic Acid, I - Ice, J - DI Water, K - EDTA, L - EDA
M - Hexane, N - None, O - AsNaO2, P - Na2O4S, Q - Na2SO3, R - Na2S2O3, S - H2SO4, T - TSP Dodecahydrate, U - Acetone, V - MCAA, W - pH 4-5, Z - other (specify)
Other:

Sample Identification	Sample Date	Sample Time	Sample Type (C=comp, G=grab)	Matrix (W=water, S=solid, O=waste/oil, BT=Tissue, A=Air)	Field Filtered Sample (Yes or No)	Perform MS/MSD (Yes or No)	8260B - (MOD) TCL OLM03.1/4.2 Volatile Analyte L	6010B, 7196A	8260B - SPLP VOC	1010 - Ignitability	8260B - TCLP Volatiles	9012A, 9034_Calc, 9045C	6010B, 7470A	8260B - (MOD) TCL OLM03.1/4.2 Volatile Analyte L						Total Number of containers	Special Instructions/Note:
				Preservation Code:			N	N	N	N	N	N	N	A							
SB-40	2/25/21	1105	C	Solid					1											1	
SB-40 (0-2)		1055	G	Solid			1													1	
SB-40 (2-4)		1100	G	Solid			1													1	
SB-40 (4-6)		1045	G	Solid			1													1	
				Solid																	
				Solid																	
				Solid																	
				Solid																	
				Solid																	
				Solid																	
				Solid																	

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

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

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

Special Instructions/QC Requirements:

Empty Kit Relinquished by:	Date:	Time:	Method of Shipment:		
Relinquished by: Kenton Fowler	Date/Time: 2/25/2021 @ 1622	Company: TRC	Received by: [signature]	Date/Time: 2-25-21 1622	Company: ETA
Relinquished by:	Date/Time:	Company:	Received by:	Date/Time:	Company:
Relinquished by:	Date/Time:	Company:	Received by:	Date/Time:	Company:

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

Ver: 11.01.2020

Eurofins TestAmerica, Canton
4101 Shuffel Street NW
North Canton, OH 44720
Phone: 330-497-9396 Fax: 330-497-0772

Chain of Custody Record

eurofins | Environment Testing America

Client Information	Sampler: KENTON FOWLER	Lab PM: Howell, Leslie	Carrier Tracking No(s):	COC No: 240-77477-30888.7
Client Contact: Kathleen Teuscher	Phone: 513-675-5189	E-Mail: Leslie.Howell@Eurofinset.com	State of Origin:	Page: Page 7 of 12
Company: TRC Environmental Corporation	PWSID:			Job #:
Address: 1382 West Ninth Street Suite 400	Due Date Requested:			
City: Cleveland	TAT Requested (days):			
State, Zip: OH, 44113	Compliance Project: ∆ Yes ∆ No			
Phone:	PO #: Purchase Order Requested			
Email: kteuscher@trccompanies.com	WO #:			
Project Name: ABB 2019 \ 2020	Project #: 24024033			
Site	SSOW#:			

Analysis Requested

Preservation Codes:
A - HCL, B - NaOH, C - Zn Acetate, D - Nitric Acid, E - NaHSO4, F - MeOH, G - Amchlor, H - Ascorbic Acid, I - Ice, J - DI Water, K - EDTA, L - EDA
M - Hexane, N - None, O - AsNaO2, P - Na2O4S, Q - Na2SO3, R - Na2S2O3, S - H2SO4, T - TSP Dodecahydrate, U - Acetone, V - MCAA, W - pH 4-5, Z - other (specify)
Other:

Sample Identification	Sample Date	Sample Time	Sample Type (C=comp, G=grab)	Matrix (W=water, S=solid, O=waste/oil, BT=Tissue, A=Air)	Field Filtered Sample (Yes or No)	Perform MS/MSD (Yes or No)	8260B - (MOD) TCL OLM03.1/4.2 Volatile Analyte L	6010B, 7196A	8260B - SPLP VOC	1010 - Ignitability	8260B - TCLP Volatiles	9012A, 9034_Calc, 9045C	6010B, 7470A	8260B - (MOD) TCL OLM03.1/4.2 Volatile Analyte L						Total Number of containers	Special Instructions/Note:
			Preservation Code:				N	N	N	N	N	N	N	A							
SB-46	2/25/21	1130	C	Solid					1											1	HOLD
SB-46 (0-2)		1120	G	Solid			1													1	
SB-46 (2-4)		1125	G	Solid			1													1	
SB-46 (4-6)		1130	G	Solid			1													1	
SB-47		1310	C	Solid					1											1	HOLD
SB-47 (0-2)		1300	G	Solid			1													1	
SB-47 (2-4)		1305	G	Solid			1													1	
SB-47 (4-6)		1310	G	Solid			1													1	
WCA04-01		1330	G	Solid			1			1	1	1	1							5	
				Solid																	
				Solid																	

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

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

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

Special Instructions/QC Requirements:

Empty Kit Relinquished by:	Date:	Time:	Method of Shipment:		
Relinquished by: Kenton Fowler	Date/Time: 2/25/2021 1622	Company: TRC	Received by: Adam Gomez	Date/Time: 2-25-21 1622	Company: ETA
Relinquished by:	Date/Time:	Company:	Received by:	Date/Time:	Company:
Relinquished by:	Date/Time:	Company:	Received by:	Date/Time:	Company:
Custody Seals Intact: ∆ Yes ∆ No	Custody Seal No.:		Cooler Temperature(s) °C and Other Remarks:		

Ver: 11/01/2020

Eurofins TestAmerica, Canton
4101 Shuffel Street NW
North Canton, OH 44720
Phone: 330-497-9396 Fax: 330-497-0772

Chain of Custody Record

eurofins | Environment Testing America

Client Information	Sampler: Kenton Fowler	Lab PM: Howell, Leslie	Carrier Tracking No(s):	COC No: 240-77477-30888.8
Client Contact: Kathleen Teuscher	Phone: 513-675-5189	E-Mail: Leslie.Howell@Eurofinset.com	State of Origin:	Page: Page 8 of 12
Company: TRC Environmental Corporation	PWSID:			Job #:
Address: 1382 West Ninth Street Suite 400	Due Date Requested:			
City: Cleveland	TAT Requested (days):			
State, Zip: OH, 44113	Compliance Project: ☐ Yes ☐ No			
Phone:	PO #: Purchase Order Requested			
Email: kteuscher@trccompanies.com	WO #:			
Project Name: ABB 2019 \ 2020	Project #: 24024033			
Site:	SSOW#:			

Analysis Requested

Preservation Codes:
A - HCL, B - NaOH, C - Zn Acetate, D - Nitric Acid, E - NaHSO4, F - MeOH, G - Amchlor, H - Ascorbic Acid, I - Ice, J - DI Water, K - EDTA, L - EDA
M - Hexane, N - None, O - AsNaO2, P - Na2O4S, Q - Na2SO3, R - Na2S2O3, S - H2SO4, T - TSP Dodecahydrate, U - Acetone, V - MCAA, W - pH 4-5, Z - other (specify)
Other:

Sample Identification	Sample Date	Sample Time	Sample Type (C=comp, G=grab)	Matrix (W=water, S=solid, O=waste/oil, BT=Tissue, A=Air)	Field Filtered Sample (Yes or No)	Perform MS/MSD (Yes or No)	8260B - (MOD) TCL OLM03.1/4.2 Volatile Analyte L	6010B, 7196A	8260B - SPLP VOC	1010 - Ignitability	8260B - TCLP Volatiles	9012A, 9034_Calc, 9045C	6010B, 7470A	8260B - (MOD) TCL OLM03.1/4.2 Volatile Analyte L						Total Number of containers	Special Instructions/Note:
				Preservation Code:			N	N	N	N	N	N	N	A							
SB-50	2/25/21	1400	C	Solid					1											1	HOLD
SB-50 (0-2)		1350	G	Solid			1													1	
SB-50 (2-4)		1355	G	Solid			1													1	
SB-50 (4-6)		1400	G	Solid			1													1	
SB-42		1430 ~~1425~~	C	Solid					1											1	HOLD 1430
SB-42 (0-2)		1420	G	Solid			1													1	
SB-42 (2-4)		1425	G	Solid			1													1	
SB-42 (4-6		1430 ~~1425~~	G	Solid			1													1	SAMPLE TIME 1430
				Solid																	
				Solid																	
				Solid																	

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

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

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

Special Instructions/QC Requirements:

Empty Kit Relinquished by:	Date:	Time:	Method of Shipment:		
Relinquished by: Kenton Fowler	Date/Time: 2/25/21 1622	Company: TRC	Received by: Adam Powell	Date/Time: 2-25-21 1622	Company: EAA
Relinquished by:	Date/Time:	Company:	Received by:	Date/Time:	Company:
Relinquished by:	Date/Time:	Company:	Received by:	Date/Time:	Company:

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

Ver: 11.01.2020

Eurofins TestAmerica, Canton
4101 Shuffel Street NW
North Canton, OH 44720
Phone: 330-497-9396 Fax: 330-497-0772

Chain of Custody Record

eurofins | Environment Testing America

Client Information	Sampler: Kenton Fowler	Lab PM: Howell, Leslie	Carrier Tracking No(s):	COC No: 240-77477-30888.12
Client Contact: Kathleen Teuscher	Phone: 513-675-5189	E-Mail: Leslie.Howell@Eurofinset.com	State of Origin:	Page: Page 12 of 12
Company: TRC Environmental Corporation	PWSID:			Job #:
Address: 1382 West Ninth Street Suite 400	Due Date Requested:			
City: Cleveland	TAT Requested (days):			
State, Zip: OH, 44113	Compliance Project: Δ Yes Δ No			
Phone:	PO #: Purchase Order Requested			
Email: kteuscher@trccompanies.com	WO #:			
Project Name: ABB 2019 \ 2020	Project #: 24024033			
Site:	SSOW#:			

Analysis Requested

Preservation Codes:
A - HCL, B - NaOH, C - Zn Acetate, D - Nitric Acid, E - NaHSO4, F - MeOH, G - Amchlor, H - Ascorbic Acid, I - Ice, J - DI Water, K - EDTA, L - EDA
M - Hexane, N - None, O - AsNaO2, P - Na2O4S, Q - Na2SO3, R - Na2S2O3, S - H2SO4, T - TSP Dodecahydrate, U - Acetone, V - MCAA, W - pH 4-5, Z - other (specify)
Other:

Sample Identification	Sample Date	Sample Time	Sample Type (C=comp, G=grab)	Matrix (W=water, S=solid, O=wastefoil, BT=Tissue, A=Air)	Field Filtered Sample (Yes or No)	Perform MS/MSD (Yes or No)	8260B - (MOD) TCL OLM03.1/4.2 Volatile Analyte L	6010B, 7196A	8260B - SPLP VOC	1010 - Ignitability	8260B - TCLP Volatiles	9012A, 9034_Calc, 9045C	6010B, 7470A	8260B - (MOD) TCL OLM03.1/4.2 Volatile Analyte L	Total Number of containers	Special Instructions/Note:
			Preservation Code:				N	N	N	N	N	N	N	A		
SB-43	2/25/21	1515	C	Solid					1						1	HOLD
SB-43 (0-2)		1455	G	Solid			1								1	
SB-43 (2-4)		1500	G	~~Water~~ S			1								1	
SB-43 (4-6)		1505	G	~~Water~~ S			1								1	~~D. KREEGER~~ KPF
SB-43 (6-8)		1510	G	~~Water~~ S			1								1	K. FOWLER
SB-43 (8-10)		1510	G	S			1								1	D. KREEGER
DUP-02			G	S			1								1	

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

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

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

Special Instructions/QC Requirements:

Empty Kit Relinquished by:	Date:	Time:	Method of Shipment:
Relinquished by: K to Fow	Date/Time: 2/25/21 1622	Company: TRC	Received by: [signature] Date/Time: 2-25-21 1622 Company: ETJ
Relinquished by:	Date/Time:	Company:	Received by: Date/Time: Company:
Relinquished by:	Date/Time:	Company:	Received by: Date/Time: Company:

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

Ver: 11/01/2020

Eurofins TestAmerica Canton Sample Receipt Form/Narrative
Canton Facility

Login # : 240-145018

Client TRC Site Name _____

Cooler Received on FEB 25 2021 Opened on FEB 26 2021

Cooler unpacked by: MJS ETA CANTON

FedEx: 1st Grd Exp UPS FAS Clipper Client Drop Off TestAmerica Courier Other _____

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

TestAmerica Cooler # ___ Foam Box Client Cooler Box Other _____

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

COOLANT: Wet Ice Blue Ice Dry Ice Water None

1. Cooler temperature upon receipt ☐ See Multiple Cooler Form
   IR GUN# IR-11 (CF +0.1 °C) Observed Cooler Temp._____°C Corrected Cooler Temp._____°C
   IR GUN #IR-12 (CF +0.2°C) Observed Cooler Temp._____°C Corrected Cooler Temp._____°C
2. Were tamper/custody seals on the outside of the cooler(s)? If Yes Quantity_____ Yes No
   - Were the seals on the outside of the cooler(s) signed & dated? Yes No NA
   - Were tamper/custody seals on the bottle(s) or bottle kits (LLHg/MeHg)? Yes No
   - Were tamper/custody seals intact and uncompromised? Yes No NA
3. Shippers' packing slip attached to the cooler(s)? Yes No
4. Did custody papers accompany the sample(s)? Yes No
5. Were the custody papers relinquished & signed in the appropriate place? Yes No
6. Was/were the person(s) who collected the samples clearly identified on the COC? Yes No
7. Did all bottles arrive in good condition (Unbroken)? Yes No
8. Could all bottle labels (ID/Date/Time) be reconciled with the COC? Yes No
9. For each sample, does the COC specify preservatives (Y/N), # of containers (Y/N), and sample type of grab/comp(Y/N)?
10. Were correct bottle(s) used for the test(s) indicated? Yes No
11. Sufficient quantity received to perform indicated analyses? Yes No
12. Are these work share samples and all listed on the COC? Yes No
    If yes, Questions 13-17 have been checked at the originating laboratory.
13. Were all preserved sample(s) at the correct pH upon receipt? Yes No NA pH Strip Lot# HC907861
14. Were VOAs on the COC? Yes No
15. Were air bubbles >6 mm in any VOA vials? ● ⬅ Larger than this. Yes No NA
16. Was a VOA trip blank present in the cooler(s)? Trip Blank Lot #_____ Yes No
17. Was a LL Hg or Me Hg trip blank present? _____ Yes No

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

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

Concerning _____

18. CHAIN OF CUSTODY & SAMPLE DISCREPANCIES ☐ additional next page

Samples processed by: MJS ETA CANTON

19. SAMPLE CONDITION

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

Sample(s) _____ were received in a broken container.

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

20. SAMPLE PRESERVATION

Sample(s) _____ were further preserved in the laboratory.

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

VOA Sample Preservation - Date/Time VOAs Frozen: 2-26-21 1200

WI-NC-099

Login # : _____

Eurofins TestAmerica Canton Sample Receipt Multiple Cooler Form				
Cooler Description (Circle)	IR Gun # (Circle)	Observed Temp °C	Corrected Temp °C	Coolant (Circle)
TA Client Box Other	IR-11 IR-12	1.7	1.8	Wet Ice Blue Ice Dry Ice Water None
TA Client Box Other	IR-11 IR-12	2.1	2.2	Wet Ice Blue Ice Dry Ice Water None
TA Client Box Other	IR-11 IR-12	3.3	3.4	Wet Ice Blue Ice Dry Ice Water None
TA Client Box Other	IR-11 IR-12	0.9	1.0	Wet Ice Blue Ice Dry Ice Water None
TA Client Box Other	IR-11 IR-12	0.5	0.6	Wet Ice Blue Ice Dry Ice Water None
TA Client Box Other	IR-11 IR-12			Wet Ice Blue Ice Dry Ice Water None
TA Client Box Other	IR-11 IR-12			Wet Ice Blue Ice Dry Ice Water None
TA Client Box Other	IR-11 IR-12			Wet Ice Blue Ice Dry Ice Water None
TA Client Box Other	IR-11 IR-12			Wet Ice Blue Ice Dry Ice Water None
TA Client Box Other	IR-11 IR-12			Wet Ice Blue Ice Dry Ice Water None
TA Client Box Other	IR-11 IR-12			Wet Ice Blue Ice Dry Ice Water None
TA Client Box Other	IR-11 IR-12			Wet Ice Blue Ice Dry Ice Water None
TA Client Box Other	IR-11 IR-12			Wet Ice Blue Ice Dry Ice Water None
TA Client Box Other	IR-11 IR-12			Wet Ice Blue Ice Dry Ice Water None
TA Client Box Other	IR-11 IR-12			Wet Ice Blue Ice Dry Ice Water None
TA Client Box Other	IR-11 IR-12			Wet Ice Blue Ice Dry Ice Water None
TA Client Box Other	IR-11 IR-12			Wet Ice Blue Ice Dry Ice Water None
TA Client Box Other	IR-11 IR-12			Wet Ice Blue Ice Dry Ice Water None
TA Client Box Other	IR-11 IR-12			Wet Ice Blue Ice Dry Ice Water None
TA Client Box Other	IR-11 IR-12			Wet Ice Blue Ice Dry Ice Water None
TA Client Box Other	IR-11 IR-12			Wet Ice Blue Ice Dry Ice Water None
TA Client Box Other	IR-11 IR-12			Wet Ice Blue Ice Dry Ice Water None
TA Client Box Other	IR-11 IR-12			Wet Ice Blue Ice Dry Ice Water None
TA Client Box Other	IR-11 IR-12			Wet Ice Blue Ice Dry Ice Water None
TA Client Box Other	IR-11 IR-12			Wet Ice Blue Ice Dry Ice Water None
TA Client Box Other	IR-11 IR-12			Wet Ice Blue Ice Dry Ice Water None
TA Client Box Other	IR-11 IR-12			Wet Ice Blue Ice Dry Ice Water None
TA Client Box Other	IR-11 IR-12			Wet Ice Blue Ice Dry Ice Water None
TA Client Box Other	IR-11 IR-12			Wet Ice Blue Ice Dry Ice Water None
TA Client Box Other	IR-11 IR-12			Wet Ice Blue Ice Dry Ice Water None
TA Client Box Other	IR-11 IR-12			Wet Ice Blue Ice Dry Ice Water None
☐ See Temperature Excursion Form				

WI-NC-099 Cooler Receipt Form Page 2 – Multiple Coolers

eurofins | Environment Testing America

ANALYTICAL REPORT

Eurofins TestAmerica, Canton
4101 Shuffel Street NW
North Canton, OH 44720
Tel: (330)497-9396

Laboratory Job ID: 240-145104-1
Client Project/Site: ABB 2019 \ 2020
Revision: 1

For:
TRC Environmental Corporation.
690 Taylor Road
Suite 100
Gahanna, Ohio 43230

Attn: Mr. David Kreeger

Patrick O'Meara

Authorized for release by:
3/19/2021 4:27:30 PM

Patrick O'Meara, Manager of Project Management
(330)966-5725
patrick.o'meara@eurofinset.com

LINKS

Review your project results through TotalAccess

Have a Question? Ask The Expert

Visit us at: www.eurofinsus.com/Env

This report has been electronically signed and authorized by the signatory. Electronic signature is intended to be the legally binding equivalent of a traditionally handwritten signature.

Results relate only to the items tested and the sample(s) as received by the laboratory.

Table of Contents

Cover Page 1
Table of Contents 2
Definitions/Glossary 3
Case Narrative 4
Method Summary 8
Sample Summary 9
Detection Summary 10
Client Sample Results 15
Surrogate Summary 59
QC Sample Results 62
QC Association Summary 83
Lab Chronicle 87
Certification Summary 94
Chain of Custody 99

Qualifiers

GC/MS VOA

Qualifier	Qualifier Description
*+	LCS and/or LCSD is outside acceptance limits, high biased.
4	MS, MSD: The analyte present in the original sample is greater than 4 times the matrix spike concentration; therefore, control limits are not applicable.
B	Compound was found in the blank and sample.
E	Result exceeded calibration range.
F1	MS and/or MSD recovery exceeds control limits.
J	Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.

Metals

Qualifier	Qualifier Description
B	Compound was found in the blank and sample.
J	Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.

General Chemistry

Qualifier	Qualifier Description
F3	Duplicate RPD exceeds the control limit
HF	Field parameter with a holding time of 15 minutes. Test performed by laboratory at client's request.

Glossary

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

Job ID: 240-145104-1

Laboratory: Eurofins TestAmerica, Canton

Narrative

CASE NARRATIVE

Client: TRC Environmental Corporation.

Project: ABB 2019 2020

Report Number: 240-145104-1

Revised

Revision 3/19/2021: Added TCLP Metals QC results to the report.

With the exceptions noted as flags or footnotes, standard analytical protocols were followed in the analysis of the samples and no problems were encountered or anomalies observed. In addition all laboratory quality control samples were within established control limits, with any exceptions noted below. Each sample was analyzed to achieve the lowest possible reporting limit within the constraints of the method. In some cases, due to interference or analytes present at high concentrations, samples were diluted. For diluted samples, the reporting limits are adjusted relative to the dilution required.

Eurofins TestAmerica, Canton attests to the validity of the laboratory data generated by Eurofins TestAmerica facilities reported herein. All analyses performed by Eurofins TestAmerica facilities were done using established laboratory SOPs that incorporate QA/QC procedures described in the application methods. Eurofins TestAmerica's operations groups have reviewed the data for compliance with the laboratory QA/QC plan, and data have been found to be compliant with laboratory protocols unless otherwise noted below.

The test results in this report meet all NELAP requirements for parameters for which accreditation is required or available. Any exceptions to NELAP requirements are noted in this report. Pursuant to NELAP, this report may not be reproduced, except in full, without the written approval of the laboratory.

Sample methods requested and/or analyzed are not included on the Eurofins TestAmerica OVAP certification.

Calculations are performed before rounding to avoid round-off errors in calculated results.

All holding times were met and proper preservation noted for the methods performed on these samples, unless otherwise detailed in the individual sections below.

All solid sample results are reported on an "as received" basis unless otherwise indicated by the presence of a % solids value in the method header.

This laboratory report is confidential and is intended for the sole use of Eurofins TestAmerica and its client.

RECEIPT

The samples were received on 2/26/2021 1:45 PM. Unless otherwise noted below, the samples arrived in good condition, and where required, properly preserved and on ice. The temperatures of the 2 coolers at receipt time were 1.9º C and 2.7º C.

Revised COCs provided 3/3 and 3/4.

TCLP VOLATILE ORGANIC COMPOUNDS (GCMS)

Sample WCA03-01 (240-145104-21) was analyzed for TCLP volatile organic compounds (GCMS) in accordance with EPA SW-846 Methods 1311/8260B. The samples were leached on 03/08/2021 and analyzed on 03/09/2021.

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

Job ID: 240-145104-1 (Continued)

Laboratory: Eurofins TestAmerica, Canton (Continued)

SPLP VOLATILE ORGANIC COMPOUNDS (GCMS)

Sample SB-45 (240-145104-25) was analyzed for SPLP volatile organic compounds (GCMS) in accordance with EPA SW-846 Methods 1312/8260B. The samples were leached on 03/11/2021 and analyzed on 03/12/2021.

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

VOLATILE ORGANIC COMPOUNDS (GCMS)

Sample CB02SED01 (240-145104-11) was analyzed for volatile organic compounds (GCMS) in accordance with EPA SW-846 Method 8260B. The samples were analyzed on 03/10/2021.

Acetone was detected in method blank MB 240-475715/1-A at a level that was above the method detection limit but below the reporting limit. The value should be considered an estimate, and has been flagged. If the associated sample reported a result above the MDL and/or RL, the result has been flagged.

Several analytes failed the recovery criteria low for the MS/MSD of sample CB02SED01 (240-145104-11) in batch 240-476287. Several analytes failed the recovery criteria high.

Sample CB02SED01 (240-145104-11)[10X] required dilution prior to analysis. The reporting limits have been adjusted accordingly.

Method 5035: One or more containers for the following sample was received broken or leaking: 240-145104-C-3.

Method 8260B: The continuing calibration verification (CCV) associated with batch 240-476041 recovered above the upper control limit for Bromomethane. The samples associated with this CCV were non-detects for the affected analytes; therefore, the data have been reported. The associated samples are impacted: SB-51 (0-2) (240-145104-6), SB-51 (4-6) (240-145104-8), SB-54 (0-2) (240-145104-13), SB-54 (2-4) (240-145104-14), SB-54 (4-6) (240-145104-15), WCA03-01 (0-2) (240-145104-18), WCA03-01 (2-4) (240-145104-19), WCA03-01 (4-6) (240-145104-20), SB-45 (0-2) (240-145104-22), SB-45 (2-4) (240-145104-23), SB-45 (4-6) (240-145104-24), (CCV 240-476041/4), (CCVIS 240-476041/3), (LCS 240-475548/2-A) and (MB 240-475548/1-A).

Method 8260B: Insufficient sample volume was available to perform a matrix spike/matrix spike duplicate/sample duplicate (MS/MSD/DUP) associated with preparation batch 240-475548 and analytical batch 240-476041 on these samples SB-51 (0-2) (240-145104-6), SB-51 (4-6) (240-145104-8), SB-54 (0-2) (240-145104-13), SB-54 (2-4) (240-145104-14), SB-54 (4-6) (240-145104-15), WCA03-01 (0-2) (240-145104-18), WCA03-01 (2-4) (240-145104-19), WCA03-01 (4-6) (240-145104-20), SB-45 (0-2) (240-145104-22), SB-45 (2-4) (240-145104-23) and SB-45 (4-6) (240-145104-24) .

Method 8260B: Insufficient sample volume was available to perform a matrix spike/matrix spike duplicate/sample duplicate (MS/MSD/DUP) associated with preparation batch 240-475718 and analytical batch 240-476287 on this sample DUP-04 (240-145104-17) .

Method 8260B: Insufficient sample volume was available to perform a matrix spike/matrix spike duplicate/sample duplicate (MS/MSD/DUP) associated with preparation batch 240-475548 and analytical batch 240-476287 on these samples SB-44 (4-6) (240-145104-4), SB-54 (4-6) (240-145104-15) and DUP-03 (240-145104-16) .

Method 8260B: The laboratory control sample (LCS) for preparation batch 240-475718 and analytical batch 240-476287 recovered outside control limits for the following analytes: 4-Methyl-2-pentanone (MIBK). These analytes were biased high in the LCS and were not detected in the associated samples; therefore, the data have been reported.

Method 8260B: Insufficient sample volume was available to perform a matrix spike/matrix spike duplicate (MS/MSD) associated with preparation batch 240-476496 and analytical batch 240-476637.

Method 8260B: The initial calibration (ICAL) did not pass the method calibration acceptance criteria for 1,4-dioxane, and chloroethane. This variance only affects results measured above the reporting limit. A CCV standard at or below the reporting limit (RL) was analyzed with the samples and found to be acceptable. This demonstrates the reporting limit is valid for the affected analytes. The samples associated with the ICAL were non-detects for the affected analytes; therefore, the results have been reported. The following samples are impacted: SB-45 (240-145104-25) and (CCVIS 240-476637/4).

Job ID: 240-145104-1 (Continued)

Laboratory: Eurofins TestAmerica, Canton (Continued)

Method 8260B: The initial calibration (ICAL) did not pass the method calibration acceptance criteria for 1,4-dioxane, and chloroethane. This variance only affects results measured above the reporting limit. A CCV standard at or below the reporting limit (RL) was analyzed with the samples and found to be acceptable. This demonstrates the reporting limit is valid for the affected analytes. The samples associated with the ICAL were non-detects for the affected analytes; therefore, the results have been reported. The following sample is impacted: (CCVIS 240-476846/4).

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

VOLATILE ORGANIC COMPOUNDS (GCMS)

Samples SB-44 (0-2) (240-145104-2), SB-44 (2-4) (240-145104-3), SB-44 (4-6) (240-145104-4), SB-51 (0-2) (240-145104-6), SB-51 (2-4) (240-145104-7), SB-51 (4-6) (240-145104-8), SB-54 (0-2) (240-145104-13), SB-54 (2-4) (240-145104-14), SB-54 (4-6) (240-145104-15), DUP-03 (240-145104-16), DUP-04 (240-145104-17), WCA03-01 (0-2) (240-145104-18), WCA03-01 (2-4) (240-145104-19), WCA03-01 (4-6) (240-145104-20), SB-45 (0-2) (240-145104-22), SB-45 (2-4) (240-145104-23) and SB-45 (4-6) (240-145104-24) were analyzed for volatile organic compounds (GCMS) in accordance with EPA SW-846 Method 8260B. The samples were prepared on 02/26/2021 and 03/04/2021 and analyzed on 03/09/2021, 03/10/2021 and 03/11/2021.

Acetone was detected in method blank MB 240-475548/1-A at a level exceeding the reporting limit. If the associated sample reported a result above the MDL and/or RL, the result has been flagged. 2-Hexanone was detected in method blank MB 240-476287/6 at a level exceeding the reporting limit. If the associated sample reported a result above the MDL and/or RL, the result has been flagged.

4-Methyl-2-pentanone (MIBK) failed the recovery criteria high for LCS 240-476287/5.

Samples SB-54 (0-2) (240-145104-13)[2X], SB-54 (2-4) (240-145104-14)[2.86X], SB-54 (4-6) (240-145104-15)[20X] and SB-54 (4-6) (240-145104-15)[4X] required dilution prior to analysis. The reporting limits have been adjusted accordingly.

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

VOLATILE ORGANIC COMPOUNDS (GCMS)

Samples CB025W01 (240-145104-9) and TRIP BLANK (240-145104-10) were analyzed for volatile organic compounds (GCMS) in accordance with EPA SW-846 Method 8260B. The samples were analyzed on 03/04/2021.

Trichloroethene failed the recovery criteria high for the MSD of sample 240-145133-8 in batch 240-475473. Dichlorodifluoromethane and Trichlorofluoromethane exceeded the RPD limit.

Sample CB025W01 (240-145104-9)[40X] required dilution prior to analysis. The reporting limits have been adjusted accordingly.

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

TCLP METALS (ICP)

Sample WCA03-01 (240-145104-21) was analyzed for TCLP metals (ICP) in accordance with EPA SW-846 Methods 1311/6010B. The samples were leached on 03/03/2021, prepared on 03/04/2021 and analyzed on 03/05/2021.

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

TCLP MERCURY

Sample WCA03-01 (240-145104-21) was analyzed for TCLP mercury in accordance with EPA SW-846 Methods 1311/7470A. The samples were leached on 03/03/2021, prepared on 03/04/2021 and analyzed on 03/05/2021.

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

FLASHPOINT

Sample WCA03-01 (240-145104-21) was analyzed for flashpoint in accordance with EPA SW-846 Method 1010. The samples were analyzed on 03/10/2021.

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

Job ID: 240-145104-1 (Continued)

Laboratory: Eurofins TestAmerica, Canton (Continued)

TOTAL CYANIDE
Sample WCA03-01 (240-145104-21) was analyzed for total cyanide in accordance with EPA SW-846 Method 9012A. The samples were prepared and analyzed on 03/04/2021.

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

SULFIDE
Sample WCA03-01 (240-145104-21) was analyzed for sulfide in accordance with EPA SW-846 Method 9034. The samples were prepared and analyzed on 03/03/2021.

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

PH
Sample WCA03-01 (240-145104-21) was analyzed for pH in accordance with EPA SW-846 Method 9045D. The samples were analyzed on 03/04/2021.

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

PERCENT SOLIDS
Samples SB-44 (0-2) (240-145104-2), SB-44 (2-4) (240-145104-3), SB-44 (4-6) (240-145104-4), SB-51 (0-2) (240-145104-6), SB-51 (2-4) (240-145104-7), SB-51 (4-6) (240-145104-8), CB02SED01 (240-145104-11), SB-54 (0-2) (240-145104-13), SB-54 (2-4) (240-145104-14), SB-54 (4-6) (240-145104-15), DUP-04 (240-145104-17), WCA03-01 (0-2) (240-145104-18), WCA03-01 (2-4) (240-145104-19), WCA03-01 (4-6) (240-145104-20), WCA03-01 (240-145104-21), SB-45 (0-2) (240-145104-22), SB-45 (2-4) (240-145104-23) and SB-45 (4-6) (240-145104-24) were analyzed for percent solids in accordance with ASTM Method D2216-80. The samples were analyzed on 03/01/2021 and 03/03/2021.

Percent Moisture exceeded the RPD limit for the duplicate of sample CB02SED01 (240-145104-11).

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

Method Summary

Client: TRC Environmental Corporation.
Project/Site: ABB 2019 \ 2020

Job ID: 240-145104-1

Method	Method Description	Protocol	Laboratory
8260B	Volatile Organic Compounds (GC/MS)	SW846	TAL CAN
6010B	Metals (ICP)	SW846	TAL CAN
7470A	Mercury (CVAA)	SW846	TAL CAN
1010A	Ignitability, Pensky-Martens Closed-Cup Method	SW846	TAL CAN
9012A	Cyanide, Total and/or Amenable	SW846	TAL CAN
9034	Sulfide, Acid soluble and Insoluble (Titrimetric)	SW846	TAL CAN
9045D	pH	SW846	TAL CAN
Moisture	Percent Moisture	EPA	TAL CAN
1311	TCLP Extraction	SW846	TAL CAN
1312	SPLP Extraction	SW846	TAL CAN
3010A	Preparation, Total Metals	SW846	TAL CAN
5030B	Purge and Trap	SW846	TAL CAN
5035	Closed System Purge and Trap	SW846	TAL CAN
7470A	Preparation, Mercury	SW846	TAL CAN
9012A	Cyanide, Total and/or Amenable, Distillation	SW846	TAL CAN
9030B	Sulfide, Distillation (Acid Soluble and Insoluble)	SW846	TAL CAN

Protocol References:

EPA = US Environmental Protection Agency

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

Laboratory References:

TAL CAN = Eurofins TestAmerica, Canton, 4101 Shuffel Street NW, North Canton, OH 44720, TEL (330)497-9396

Sample Summary

Client: TRC Environmental Corporation.
Project/Site: ABB 2019 \ 2020

Job ID: 240-145104-1

Lab Sample ID	Client Sample ID	Matrix	Collected	Received	Asset ID
240-145104-2	SB-44 (0-2)	Solid	02/26/21 08:45	02/26/21 13:45	
240-145104-3	SB-44 (2-4)	Solid	02/26/21 08:50	02/26/21 13:45	
240-145104-4	SB-44 (4-6)	Solid	02/26/21 08:35	02/26/21 13:45	
240-145104-6	SB-51 (0-2)	Solid	02/26/21 07:40	02/26/21 13:45	
240-145104-7	SB-51 (2-4)	Solid	02/26/21 07:50	02/26/21 13:45	
240-145104-8	SB-51 (4-6)	Solid	02/26/21 08:00	02/26/21 13:45	
240-145104-9	CB025W01	Water	02/26/21 09:45	02/26/21 13:45	
240-145104-10	TRIP BLANK	Water	02/26/21 00:00	02/26/21 13:45	
240-145104-11	CB02SED01	Solid	02/26/21 12:00	02/26/21 13:45	
240-145104-13	SB-54 (0-2)	Solid	02/26/21 08:10	02/26/21 13:45	
240-145104-14	SB-54 (2-4)	Solid	02/26/21 08:15	02/26/21 13:45	
240-145104-15	SB-54 (4-6)	Solid	02/26/21 08:20	02/26/21 13:45	
240-145104-16	DUP-03	Solid	02/25/21 00:00	02/26/21 13:45	
240-145104-17	DUP-04	Solid	02/25/21 00:00	02/26/21 13:45	
240-145104-18	WCA03-01 (0-2)	Solid	02/25/21 15:35	02/26/21 13:45	
240-145104-19	WCA03-01 (2-4)	Solid	02/25/21 15:45	02/26/21 13:45	
240-145104-20	WCA03-01 (4-6)	Solid	02/25/21 15:50	02/26/21 13:45	
240-145104-21	WCA03-01	Solid	02/25/21 16:00	02/26/21 13:45	
240-145104-22	SB-45 (0-2)	Solid	02/25/21 16:25	02/26/21 13:45	
240-145104-23	SB-45 (2-4)	Solid	02/25/21 16:30	02/26/21 13:45	
240-145104-24	SB-45 (4-6)	Solid	02/25/21 16:40	02/26/21 13:45	
240-145104-25	SB-45	Solid	02/25/21 16:45	02/26/21 13:45	

Detection Summary

Client: TRC Environmental Corporation.
Project/Site: ABB 2019 \ 2020

Job ID: 240-145104-1

Client Sample ID: SB-44 (0-2) — Lab Sample ID: 240-145104-2

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
cis-1,2-Dichloroethene	3.7	J	4.8	0.63	ug/Kg	1	☼	8260B	Total/NA
1,1-Dichloroethane	6.9		4.8	0.67	ug/Kg	1	☼	8260B	Total/NA
Trichloroethene	1.6	J	4.8	0.61	ug/Kg	1	☼	8260B	Total/NA
Vinyl chloride	2.9	J	4.8	0.81	ug/Kg	1	☼	8260B	Total/NA

Client Sample ID: SB-44 (2-4) — Lab Sample ID: 240-145104-3

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Acetone	38		24	20	ug/Kg	1	☼	8260B	Total/NA
Benzene	3.5	J	4.9	0.68	ug/Kg	1	☼	8260B	Total/NA
2-Butanone (MEK)	8.6	J	20	3.5	ug/Kg	1	☼	8260B	Total/NA
cis-1,2-Dichloroethene	76		4.9	0.64	ug/Kg	1	☼	8260B	Total/NA
1,1-Dichloroethane	72		4.9	0.68	ug/Kg	1	☼	8260B	Total/NA
1,1-Dichloroethene	8.2		4.9	0.88	ug/Kg	1	☼	8260B	Total/NA
1,4-Dioxane	75	J	240	22	ug/Kg	1	☼	8260B	Total/NA
Ethylbenzene	9.4		4.9	1.0	ug/Kg	1	☼	8260B	Total/NA
Toluene	11		4.9	0.75	ug/Kg	1	☼	8260B	Total/NA
trans-1,2-Dichloroethene	3.0	J	4.9	0.45	ug/Kg	1	☼	8260B	Total/NA
Trichloroethene	1.7	J	4.9	0.62	ug/Kg	1	☼	8260B	Total/NA
Vinyl chloride	110		4.9	0.82	ug/Kg	1	☼	8260B	Total/NA
Xylenes, Total	12		9.8	1.5	ug/Kg	1	☼	8260B	Total/NA

Client Sample ID: SB-44 (4-6) — Lab Sample ID: 240-145104-4

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
1,1,1-Trichloroethane	200	J	270	85	ug/Kg	1	☼	8260B	Total/NA
1,1-Dichloroethane	720		270	53	ug/Kg	1	☼	8260B	Total/NA
1,1-Dichloroethene	590		270	90	ug/Kg	1	☼	8260B	Total/NA
Benzene	72	J	270	46	ug/Kg	1	☼	8260B	Total/NA
cis-1,2-Dichloroethene	7400		270	44	ug/Kg	1	☼	8260B	Total/NA
Ethylbenzene	1000		270	51	ug/Kg	1	☼	8260B	Total/NA
Toluene	630		270	260	ug/Kg	1	☼	8260B	Total/NA
Trichloroethene	460		270	160	ug/Kg	1	☼	8260B	Total/NA
Vinyl chloride	400		270	130	ug/Kg	1	☼	8260B	Total/NA
Xylenes, Total	5700		550	100	ug/Kg	1	☼	8260B	Total/NA

Client Sample ID: SB-51 (0-2) — Lab Sample ID: 240-145104-6

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
1,1,1-Trichloroethane	260	J	320	99	ug/Kg	1	☼	8260B	Total/NA
Acetone	310	J B	1300	310	ug/Kg	1	☼	8260B	Total/NA
Tetrachloroethene	730		320	120	ug/Kg	1	☼	8260B	Total/NA
Toluene	330		320	310	ug/Kg	1	☼	8260B	Total/NA

Client Sample ID: SB-51 (2-4) — Lab Sample ID: 240-145104-7

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
1,1-Dichloroethane	6.5		5.0	0.69	ug/Kg	1	☼	8260B	Total/NA
1,1-Dichloroethene	3.8	J	5.0	0.90	ug/Kg	1	☼	8260B	Total/NA
1,4-Dioxane	29	J	250	22	ug/Kg	1	☼	8260B	Total/NA
Tetrachloroethene	36		5.0	0.73	ug/Kg	1	☼	8260B	Total/NA
1,1,1-Trichloroethane	5.1		5.0	0.82	ug/Kg	1	☼	8260B	Total/NA
Trichloroethene	11		5.0	0.63	ug/Kg	1	☼	8260B	Total/NA

This Detection Summary does not include radiochemical test results.

Detection Summary

Client: TRC Environmental Corporation.
Project/Site: ABB 2019 \ 2020

Job ID: 240-145104-1

Client Sample ID: SB-51 (4-6) — Lab Sample ID: 240-145104-8

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Tetrachloroethene	750		340	130	ug/Kg	1	☼	8260B	Total/NA
Trichloroethene	270	J	340	190	ug/Kg	1	☼	8260B	Total/NA

Client Sample ID: CB025W01 — Lab Sample ID: 240-145104-9

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
1,1-Dichloroethane	610		40	6.8	ug/L	40		8260B	Total/NA
Tetrachloroethene	33	J	40	6.0	ug/L	40		8260B	Total/NA
Toluene	8.1	J	40	5.6	ug/L	40		8260B	Total/NA
1,1,1-Trichloroethane	1100		40	9.6	ug/L	40		8260B	Total/NA

Client Sample ID: TRIP BLANK — Lab Sample ID: 240-145104-10

No Detections.

Client Sample ID: CB02SED01 — Lab Sample ID: 240-145104-11

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
1,1,1-Trichloroethane	62000		2700	850	ug/Kg	10	☼	8260B	Total/NA
1,1-Dichloroethane	3200	F1	2700	530	ug/Kg	10	☼	8260B	Total/NA
Tetrachloroethene	18000		2700	1100	ug/Kg	10	☼	8260B	Total/NA

Client Sample ID: SB-54 (0-2) — Lab Sample ID: 240-145104-13

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
1,1,1-Trichloroethane	22000		650	200	ug/Kg	2	☼	8260B	Total/NA
1,1-Dichloroethane	970		650	130	ug/Kg	2	☼	8260B	Total/NA
1,1-Dichloroethene	8600		650	210	ug/Kg	2	☼	8260B	Total/NA
Acetone	700	J B	2600	640	ug/Kg	2	☼	8260B	Total/NA
Ethylbenzene	430	J	650	120	ug/Kg	2	☼	8260B	Total/NA
Toluene	1400		650	630	ug/Kg	2	☼	8260B	Total/NA
Trichloroethene	810		650	370	ug/Kg	2	☼	8260B	Total/NA
Xylenes, Total	2000		1300	240	ug/Kg	2	☼	8260B	Total/NA

Client Sample ID: SB-54 (2-4) — Lab Sample ID: 240-145104-14

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
1,1,1-Trichloroethane	35000		850	270	ug/Kg	2.857	☼	8260B	Total/NA
1,1-Dichloroethane	1200		850	160	ug/Kg	2.857	☼	8260B	Total/NA
1,1-Dichloroethene	14000		850	280	ug/Kg	2.857	☼	8260B	Total/NA
Acetone	1200	J B	3400	830	ug/Kg	2.857	☼	8260B	Total/NA
Toluene	1600		850	820	ug/Kg	2.857	☼	8260B	Total/NA
Trichloroethene	1100		850	490	ug/Kg	2.857	☼	8260B	Total/NA
Xylenes, Total	420	J	1700	310	ug/Kg	2.857	☼	8260B	Total/NA

Client Sample ID: SB-54 (4-6) — Lab Sample ID: 240-145104-15

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
1,1,1-Trichloroethane	110000		5300	1700	ug/Kg	20	☼	8260B	Total/NA
1,1-Dichloroethane	1200		1100	200	ug/Kg	4	☼	8260B	Total/NA
1,1-Dichloroethene	20000		1100	350	ug/Kg	4	☼	8260B	Total/NA
Trichloroethene	3000		1100	610	ug/Kg	4	☼	8260B	Total/NA

This Detection Summary does not include radiochemical test results.

Detection Summary

Client: TRC Environmental Corporation.
Project/Site: ABB 2019 \ 2020

Job ID: 240-145104-1

Client Sample ID: DUP-03 — Lab Sample ID: 240-145104-16

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
1,1,1-Trichloroethane	270		190	59	ug/Kg	1		8260B	Total/NA
1,1,2-Trichloroethane	55	J	190	43	ug/Kg	1		8260B	Total/NA
1,1-Dichloroethane	1200		190	36	ug/Kg	1		8260B	Total/NA
1,1-Dichloroethene	440		190	62	ug/Kg	1		8260B	Total/NA
Acetone	210	J B	760	180	ug/Kg	1		8260B	Total/NA
cis-1,2-Dichloroethene	560		190	30	ug/Kg	1		8260B	Total/NA
Ethylbenzene	170	J	190	36	ug/Kg	1		8260B	Total/NA
Tetrachloroethene	95	J	190	74	ug/Kg	1		8260B	Total/NA
Toluene	1200		190	180	ug/Kg	1		8260B	Total/NA
Trichloroethene	600		190	110	ug/Kg	1		8260B	Total/NA
Xylenes, Total	840		380	69	ug/Kg	1		8260B	Total/NA

Client Sample ID: DUP-04 — Lab Sample ID: 240-145104-17

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Acetone	92		27	23	ug/Kg	1	☼	8260B	Total/NA
2-Butanone (MEK)	13	J	22	3.8	ug/Kg	1	☼	8260B	Total/NA
Chloroethane	1.4	J	5.4	1.3	ug/Kg	1	☼	8260B	Total/NA
cis-1,2-Dichloroethene	11		5.4	0.70	ug/Kg	1	☼	8260B	Total/NA
1,1-Dichloroethane	240		5.4	0.75	ug/Kg	1	☼	8260B	Total/NA
1,2-Dichloroethane	1.3	J	5.4	0.84	ug/Kg	1	☼	8260B	Total/NA
1,1-Dichloroethene	57		5.4	0.98	ug/Kg	1	☼	8260B	Total/NA
1,4-Dioxane	120	J	270	24	ug/Kg	1	☼	8260B	Total/NA
Tetrachloroethene	1.7	J	5.4	0.79	ug/Kg	1	☼	8260B	Total/NA
Toluene	4.4	J	5.4	0.84	ug/Kg	1	☼	8260B	Total/NA
trans-1,2-Dichloroethene	0.93	J	5.4	0.50	ug/Kg	1	☼	8260B	Total/NA
Trichloroethene	7.9		5.4	0.69	ug/Kg	1	☼	8260B	Total/NA
Vinyl chloride	29		5.4	0.91	ug/Kg	1	☼	8260B	Total/NA
Xylenes, Total	3.1	J	11	1.7	ug/Kg	1	☼	8260B	Total/NA

Client Sample ID: WCA03-01 (0-2) — Lab Sample ID: 240-145104-18

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
1,1,1-Trichloroethane	210	J	220	68	ug/Kg	1	☼	8260B	Total/NA
Tetrachloroethene	470		220	85	ug/Kg	1	☼	8260B	Total/NA

Client Sample ID: WCA03-01 (2-4) — Lab Sample ID: 240-145104-19

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
1,1,1-Trichloroethane	2100		230	71	ug/Kg	1	☼	8260B	Total/NA
1,1,2-Trichloroethane	59	J	230	52	ug/Kg	1	☼	8260B	Total/NA
1,1-Dichloroethane	590		230	43	ug/Kg	1	☼	8260B	Total/NA
cis-1,2-Dichloroethene	220	J	230	36	ug/Kg	1	☼	8260B	Total/NA
Tetrachloroethene	4200		230	88	ug/Kg	1	☼	8260B	Total/NA
Trichloroethene	230		230	130	ug/Kg	1	☼	8260B	Total/NA
Xylenes, Total	580		450	82	ug/Kg	1	☼	8260B	Total/NA

Client Sample ID: WCA03-01 (4-6) — Lab Sample ID: 240-145104-20

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
1,1,1-Trichloroethane	210	J	300	95	ug/Kg	1	☼	8260B	Total/NA
1,1-Dichloroethane	1900		300	58	ug/Kg	1	☼	8260B	Total/NA
1,1-Dichloroethene	650		300	100	ug/Kg	1	☼	8260B	Total/NA

This Detection Summary does not include radiochemical test results.

Client Sample ID: WCA03-01 (4-6) (Continued) — Lab Sample ID: 240-145104-20

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Acetone	330	J B	1200	300	ug/Kg	1	☼	8260B	Total/NA
cis-1,2-Dichloroethene	830		300	49	ug/Kg	1	☼	8260B	Total/NA
Ethylbenzene	260	J	300	57	ug/Kg	1	☼	8260B	Total/NA
Tetrachloroethene	120	J	300	120	ug/Kg	1	☼	8260B	Total/NA
Toluene	1700		300	290	ug/Kg	1	☼	8260B	Total/NA
Trichloroethene	650		300	170	ug/Kg	1	☼	8260B	Total/NA
Xylenes, Total	1400		610	110	ug/Kg	1	☼	8260B	Total/NA

Client Sample ID: WCA03-01 — Lab Sample ID: 240-145104-21

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Tetrachloroethene	0.031		0.025	0.00015	mg/L	1		8260B	TCLP
Trichloroethene	0.095		0.025	0.00010	mg/L	1		8260B	TCLP
Arsenic	0.0091	J	0.050	0.0041	mg/L	1		6010B	TCLP
Barium	0.26	J B	0.50	0.0013	mg/L	1		6010B	TCLP
Chromium	0.0030	J B	0.050	0.00063	mg/L	1		6010B	TCLP
Lead	0.0061	J	0.050	0.0028	mg/L	1		6010B	TCLP
Flashpoint	>200		1.00	1.00	Degrees F	1		1010A	Total/NA
pH	5.2	HF	0.1	0.1	SU	1		9045D	Total/NA
Corrosivity	5.2	HF	0.1	0.1	SU	1		9045D	Total/NA

Client Sample ID: SB-45 (0-2) — Lab Sample ID: 240-145104-22

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
1,1,1-Trichloroethane	210	J	250	80	ug/Kg	1	☼	8260B	Total/NA
Tetrachloroethene	2500		250	99	ug/Kg	1	☼	8260B	Total/NA

Client Sample ID: SB-45 (2-4) — Lab Sample ID: 240-145104-23

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
1,1-Dichloroethane	390		320	62	ug/Kg	1	☼	8260B	Total/NA
Acetone	340	J B	1300	320	ug/Kg	1	☼	8260B	Total/NA

Client Sample ID: SB-45 (4-6) — Lab Sample ID: 240-145104-24

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
1,1,1-Trichloroethane	150	J	250	77	ug/Kg	1	☼	8260B	Total/NA
1,1-Dichloroethane	860		250	47	ug/Kg	1	☼	8260B	Total/NA
1,1-Dichloroethene	310		250	81	ug/Kg	1	☼	8260B	Total/NA
Acetone	280	J B	980	240	ug/Kg	1	☼	8260B	Total/NA
cis-1,2-Dichloroethene	71	J	250	39	ug/Kg	1	☼	8260B	Total/NA

Client Sample ID: SB-45 — Lab Sample ID: 240-145104-25

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Acetone	7.1	J	10	5.4	ug/L	1		8260B	SPLP
cis-1,2-Dichloroethene	0.71	J	1.0	0.16	ug/L	1		8260B	SPLP
1,1-Dichloroethane	4.6		1.0	0.17	ug/L	1		8260B	SPLP
1,2-Dichloroethane	0.29	J	1.0	0.21	ug/L	1		8260B	SPLP
1,1-Dichloroethene	0.78	J	1.0	0.19	ug/L	1		8260B	SPLP
Methylene Chloride	4.7	J	5.0	2.6	ug/L	1		8260B	SPLP
Tetrachloroethene	0.39	J	1.0	0.15	ug/L	1		8260B	SPLP
Toluene	0.43	J B	1.0	0.14	ug/L	1		8260B	SPLP

This Detection Summary does not include radiochemical test results.

Detection Summary

Client: TRC Environmental Corporation.
Project/Site: ABB 2019 \ 2020

Job ID: 240-145104-1

Client Sample ID: SB-45 (Continued)

Lab Sample ID: 240-145104-25

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
1,1,1-Trichloroethane	3.7		1.0	0.24	ug/L	1		8260B	SPLP
1,1,2-Trichloroethane	0.74	J	1.0	0.090	ug/L	1		8260B	SPLP
Trichloroethene	0.75	J	1.0	0.10	ug/L	1		8260B	SPLP

This Detection Summary does not include radiochemical test results.

Client Sample Results

Client: TRC Environmental Corporation.
Project/Site: ABB 2019 \ 2020

Job ID: 240-145104-1

Client Sample ID: SB-44 (0-2)

Date Collected: 02/26/21 08:45
Date Received: 02/26/21 13:45

Lab Sample ID: 240-145104-2

Matrix: Solid
Percent Solids: 78.0

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	<20		24	20	ug/Kg	☼	02/26/21 18:05	03/10/21 19:36	1
Benzene	<0.67		4.8	0.67	ug/Kg	☼	02/26/21 18:05	03/10/21 19:36	1
Bromoform	<2.3		4.8	2.3	ug/Kg	☼	02/26/21 18:05	03/10/21 19:36	1
Bromomethane	<0.95		4.8	0.95	ug/Kg	☼	02/26/21 18:05	03/10/21 19:36	1
2-Butanone (MEK)	<3.4		19	3.4	ug/Kg	☼	02/26/21 18:05	03/10/21 19:36	1
Carbon disulfide	<1.1		4.8	1.1	ug/Kg	☼	02/26/21 18:05	03/10/21 19:36	1
Carbon tetrachloride	<3.1		4.8	3.1	ug/Kg	☼	02/26/21 18:05	03/10/21 19:36	1
Chlorobenzene	<0.88		4.8	0.88	ug/Kg	☼	02/26/21 18:05	03/10/21 19:36	1
Chlorodibromomethane	<2.7		4.8	2.7	ug/Kg	☼	02/26/21 18:05	03/10/21 19:36	1
Chloroethane	<1.2		4.8	1.2	ug/Kg	☼	02/26/21 18:05	03/10/21 19:36	1
Chloroform	<0.76		4.8	0.76	ug/Kg	☼	02/26/21 18:05	03/10/21 19:36	1
Chloromethane	<1.0		4.8	1.0	ug/Kg	☼	02/26/21 18:05	03/10/21 19:36	1
cis-1,2-Dichloroethene	**3.7**	**J**	4.8	0.63	ug/Kg	☼	02/26/21 18:05	03/10/21 19:36	1
cis-1,3-Dichloropropene	<1.4		4.8	1.4	ug/Kg	☼	02/26/21 18:05	03/10/21 19:36	1
1,2-Dibromo-3-Chloropropane	<3.5		9.6	3.5	ug/Kg	☼	02/26/21 18:05	03/10/21 19:36	1
1,2-Dichlorobenzene	<1.1		4.8	1.1	ug/Kg	☼	02/26/21 18:05	03/10/21 19:36	1
1,3-Dichlorobenzene	<0.79		4.8	0.79	ug/Kg	☼	02/26/21 18:05	03/10/21 19:36	1
1,4-Dichlorobenzene	<0.85		4.8	0.85	ug/Kg	☼	02/26/21 18:05	03/10/21 19:36	1
Dichlorobromomethane	<0.65		4.8	0.65	ug/Kg	☼	02/26/21 18:05	03/10/21 19:36	1
Dichlorodifluoromethane	<0.91		4.8	0.91	ug/Kg	☼	02/26/21 18:05	03/10/21 19:36	1
1,1-Dichloroethane	**6.9**		4.8	0.67	ug/Kg	☼	02/26/21 18:05	03/10/21 19:36	1
1,2-Dichloroethane	<0.74		4.8	0.74	ug/Kg	☼	02/26/21 18:05	03/10/21 19:36	1
1,1-Dichloroethene	<0.87		4.8	0.87	ug/Kg	☼	02/26/21 18:05	03/10/21 19:36	1
1,2-Dichloropropane	<0.82		4.8	0.82	ug/Kg	☼	02/26/21 18:05	03/10/21 19:36	1
1,4-Dioxane	<21		240	21	ug/Kg	☼	02/26/21 18:05	03/10/21 19:36	1
Ethylbenzene	<1.0		4.8	1.0	ug/Kg	☼	02/26/21 18:05	03/10/21 19:36	1
Ethylene Dibromide	<0.74		4.8	0.74	ug/Kg	☼	02/26/21 18:05	03/10/21 19:36	1
2-Hexanone	<3.9		19	3.9	ug/Kg	☼	02/26/21 18:05	03/10/21 19:36	1
Isopropylbenzene	<0.80		4.8	0.80	ug/Kg	☼	02/26/21 18:05	03/10/21 19:36	1
Methylene Chloride	<12		24	12	ug/Kg	☼	02/26/21 18:05	03/10/21 19:36	1
4-Methyl-2-pentanone (MIBK)	<3.6		19	3.6	ug/Kg	☼	02/26/21 18:05	03/10/21 19:36	1
Methyl tert-butyl ether	<0.79		4.8	0.79	ug/Kg	☼	02/26/21 18:05	03/10/21 19:36	1
Styrene	<1.1		4.8	1.1	ug/Kg	☼	02/26/21 18:05	03/10/21 19:36	1
1,1,2,2-Tetrachloroethane	<1.4		4.8	1.4	ug/Kg	☼	02/26/21 18:05	03/10/21 19:36	1
Tetrachloroethene	<0.70		4.8	0.70	ug/Kg	☼	02/26/21 18:05	03/10/21 19:36	1
Toluene	<0.74		4.8	0.74	ug/Kg	☼	02/26/21 18:05	03/10/21 19:36	1
trans-1,2-Dichloroethene	<0.45		4.8	0.45	ug/Kg	☼	02/26/21 18:05	03/10/21 19:36	1
trans-1,3-Dichloropropene	<1.0		4.8	1.0	ug/Kg	☼	02/26/21 18:05	03/10/21 19:36	1
1,2,4-Trichlorobenzene	<0.55		4.8	0.55	ug/Kg	☼	02/26/21 18:05	03/10/21 19:36	1
1,1,1-Trichloroethane	<0.79		4.8	0.79	ug/Kg	☼	02/26/21 18:05	03/10/21 19:36	1
1,1,2-Trichloroethane	<1.1		4.8	1.1	ug/Kg	☼	02/26/21 18:05	03/10/21 19:36	1
Trichloroethene	**1.6**	**J**	4.8	0.61	ug/Kg	☼	02/26/21 18:05	03/10/21 19:36	1
Trichlorofluoromethane	<1.0		4.8	1.0	ug/Kg	☼	02/26/21 18:05	03/10/21 19:36	1
Vinyl chloride	**2.9**	**J**	4.8	0.81	ug/Kg	☼	02/26/21 18:05	03/10/21 19:36	1
Xylenes, Total	<1.5		9.6	1.5	ug/Kg	☼	02/26/21 18:05	03/10/21 19:36	1
Naphthalene	<2.6		4.8	2.6	ug/Kg	☼	02/26/21 18:05	03/10/21 19:36	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*93*		*51 - 127*	*02/26/21 18:05*	*03/10/21 19:36*	*1*
Dibromofluoromethane (Surr)	*87*		*56 - 122*	*02/26/21 18:05*	*03/10/21 19:36*	*1*

Client Sample Results

Client: TRC Environmental Corporation.
Project/Site: ABB 2019 \ 2020

Job ID: 240-145104-1

Client Sample ID: SB-44 (0-2)

Date Collected: 02/26/21 08:45
Date Received: 02/26/21 13:45

Lab Sample ID: 240-145104-2

Matrix: Solid
Percent Solids: 78.0

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*86*		*59 - 120*	*02/26/21 18:05*	*03/10/21 19:36*	*1*
Toluene-d8 (Surr)	*95*		*64 - 124*	*02/26/21 18:05*	*03/10/21 19:36*	*1*

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Solids	**78.0**		0.1	0.1	%			03/01/21 11:34	1
Percent Moisture	**22.0**		0.1	0.1	%			03/01/21 11:34	1

Client Sample Results

Client: TRC Environmental Corporation.
Project/Site: ABB 2019 \ 2020

Job ID: 240-145104-1

Client Sample ID: SB-44 (2-4)

Date Collected: 02/26/21 08:50
Date Received: 02/26/21 13:45

Lab Sample ID: 240-145104-3

Matrix: Solid
Percent Solids: 74.0

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	**38**		24	20	ug/Kg	☼	02/26/21 18:05	03/10/21 20:00	1
Benzene	**3.5**	**J**	4.9	0.68	ug/Kg	☼	02/26/21 18:05	03/10/21 20:00	1
Bromoform	<2.3		4.9	2.3	ug/Kg	☼	02/26/21 18:05	03/10/21 20:00	1
Bromomethane	<0.96		4.9	0.96	ug/Kg	☼	02/26/21 18:05	03/10/21 20:00	1
2-Butanone (MEK)	**8.6**	**J**	20	3.5	ug/Kg	☼	02/26/21 18:05	03/10/21 20:00	1
Carbon disulfide	<1.1		4.9	1.1	ug/Kg	☼	02/26/21 18:05	03/10/21 20:00	1
Carbon tetrachloride	<3.2		4.9	3.2	ug/Kg	☼	02/26/21 18:05	03/10/21 20:00	1
Chlorobenzene	<0.89		4.9	0.89	ug/Kg	☼	02/26/21 18:05	03/10/21 20:00	1
Chlorodibromomethane	<2.7		4.9	2.7	ug/Kg	☼	02/26/21 18:05	03/10/21 20:00	1
Chloroethane	<1.2		4.9	1.2	ug/Kg	☼	02/26/21 18:05	03/10/21 20:00	1
Chloroform	<0.77		4.9	0.77	ug/Kg	☼	02/26/21 18:05	03/10/21 20:00	1
Chloromethane	<1.0		4.9	1.0	ug/Kg	☼	02/26/21 18:05	03/10/21 20:00	1
cis-1,2-Dichloroethene	**76**		4.9	0.64	ug/Kg	☼	02/26/21 18:05	03/10/21 20:00	1
cis-1,3-Dichloropropene	<1.4		4.9	1.4	ug/Kg	☼	02/26/21 18:05	03/10/21 20:00	1
1,2-Dibromo-3-Chloropropane	<3.5		9.8	3.5	ug/Kg	☼	02/26/21 18:05	03/10/21 20:00	1
1,2-Dichlorobenzene	<1.1		4.9	1.1	ug/Kg	☼	02/26/21 18:05	03/10/21 20:00	1
1,3-Dichlorobenzene	<0.80		4.9	0.80	ug/Kg	☼	02/26/21 18:05	03/10/21 20:00	1
1,4-Dichlorobenzene	<0.86		4.9	0.86	ug/Kg	☼	02/26/21 18:05	03/10/21 20:00	1
Dichlorobromomethane	<0.66		4.9	0.66	ug/Kg	☼	02/26/21 18:05	03/10/21 20:00	1
Dichlorodifluoromethane	<0.92		4.9	0.92	ug/Kg	☼	02/26/21 18:05	03/10/21 20:00	1
1,1-Dichloroethane	**72**		4.9	0.68	ug/Kg	☼	02/26/21 18:05	03/10/21 20:00	1
1,2-Dichloroethane	<0.75		4.9	0.75	ug/Kg	☼	02/26/21 18:05	03/10/21 20:00	1
1,1-Dichloroethene	**8.2**		4.9	0.88	ug/Kg	☼	02/26/21 18:05	03/10/21 20:00	1
1,2-Dichloropropane	<0.83		4.9	0.83	ug/Kg	☼	02/26/21 18:05	03/10/21 20:00	1
1,4-Dioxane	**75**	**J**	240	22	ug/Kg	☼	02/26/21 18:05	03/10/21 20:00	1
Ethylbenzene	**9.4**		4.9	1.0	ug/Kg	☼	02/26/21 18:05	03/10/21 20:00	1
Ethylene Dibromide	<0.75		4.9	0.75	ug/Kg	☼	02/26/21 18:05	03/10/21 20:00	1
2-Hexanone	<4.0		20	4.0	ug/Kg	☼	02/26/21 18:05	03/10/21 20:00	1
Isopropylbenzene	<0.81		4.9	0.81	ug/Kg	☼	02/26/21 18:05	03/10/21 20:00	1
Methylene Chloride	<12		24	12	ug/Kg	☼	02/26/21 18:05	03/10/21 20:00	1
4-Methyl-2-pentanone (MIBK)	<3.6		20	3.6	ug/Kg	☼	02/26/21 18:05	03/10/21 20:00	1
Methyl tert-butyl ether	<0.80		4.9	0.80	ug/Kg	☼	02/26/21 18:05	03/10/21 20:00	1
Styrene	<1.1		4.9	1.1	ug/Kg	☼	02/26/21 18:05	03/10/21 20:00	1
1,1,2,2-Tetrachloroethane	<1.4		4.9	1.4	ug/Kg	☼	02/26/21 18:05	03/10/21 20:00	1
Tetrachloroethene	<0.71		4.9	0.71	ug/Kg	☼	02/26/21 18:05	03/10/21 20:00	1
Toluene	**11**		4.9	0.75	ug/Kg	☼	02/26/21 18:05	03/10/21 20:00	1
trans-1,2-Dichloroethene	**3.0**	**J**	4.9	0.45	ug/Kg	☼	02/26/21 18:05	03/10/21 20:00	1
trans-1,3-Dichloropropene	<1.0		4.9	1.0	ug/Kg	☼	02/26/21 18:05	03/10/21 20:00	1
1,2,4-Trichlorobenzene	<0.56		4.9	0.56	ug/Kg	☼	02/26/21 18:05	03/10/21 20:00	1
1,1,1-Trichloroethane	<0.80		4.9	0.80	ug/Kg	☼	02/26/21 18:05	03/10/21 20:00	1
1,1,2-Trichloroethane	<1.1		4.9	1.1	ug/Kg	☼	02/26/21 18:05	03/10/21 20:00	1
Trichloroethene	**1.7**	**J**	4.9	0.62	ug/Kg	☼	02/26/21 18:05	03/10/21 20:00	1
Trichlorofluoromethane	<1.1		4.9	1.1	ug/Kg	☼	02/26/21 18:05	03/10/21 20:00	1
Vinyl chloride	**110**		4.9	0.82	ug/Kg	☼	02/26/21 18:05	03/10/21 20:00	1
Xylenes, Total	**12**		9.8	1.5	ug/Kg	☼	02/26/21 18:05	03/10/21 20:00	1
Naphthalene	<2.6		4.9	2.6	ug/Kg	☼	02/26/21 18:05	03/10/21 20:00	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*92*		*51 - 127*	*02/26/21 18:05*	*03/10/21 20:00*	*1*
Dibromofluoromethane (Surr)	*88*		*56 - 122*	*02/26/21 18:05*	*03/10/21 20:00*	*1*

Client: TRC Environmental Corporation.
Project/Site: ABB 2019 \ 2020

Job ID: 240-145104-1

Client Sample ID: SB-44 (2-4)

Date Collected: 02/26/21 08:50
Date Received: 02/26/21 13:45

Lab Sample ID: 240-145104-3

Matrix: Solid
Percent Solids: 74.0

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*88*		*59 - 120*	*02/26/21 18:05*	*03/10/21 20:00*	*1*
Toluene-d8 (Surr)	*94*		*64 - 124*	*02/26/21 18:05*	*03/10/21 20:00*	*1*

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Solids	**74.0**		0.1	0.1	%			03/01/21 11:34	1
Percent Moisture	**26.0**		0.1	0.1	%			03/01/21 11:34	1

Client Sample Results

Client: TRC Environmental Corporation.
Project/Site: ABB 2019 \ 2020

Job ID: 240-145104-1

Client Sample ID: SB-44 (4-6)

Date Collected: 02/26/21 08:35
Date Received: 02/26/21 13:45

Lab Sample ID: 240-145104-4

Matrix: Solid
Percent Solids: 81.4

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	**200**	**J**	270	85	ug/Kg	☼	03/04/21 22:36	03/10/21 22:56	1
1,1,2,2-Tetrachloroethane	<160		270	160	ug/Kg	☼	03/04/21 22:36	03/10/21 22:56	1
1,1,2-Trichloroethane	<62		270	62	ug/Kg	☼	03/04/21 22:36	03/10/21 22:56	1
1,1-Dichloroethane	**720**		270	53	ug/Kg	☼	03/04/21 22:36	03/10/21 22:56	1
1,1-Dichloroethene	**590**		270	90	ug/Kg	☼	03/04/21 22:36	03/10/21 22:56	1
1,2,4-Trichlorobenzene	<150		270	150	ug/Kg	☼	03/04/21 22:36	03/10/21 22:56	1
1,2-Dibromo-3-Chloropropane	<240		550	240	ug/Kg	☼	03/04/21 22:36	03/10/21 22:56	1
1,2-Dichlorobenzene	<130		270	130	ug/Kg	☼	03/04/21 22:36	03/10/21 22:56	1
1,2-Dichloroethane	<51		270	51	ug/Kg	☼	03/04/21 22:36	03/10/21 22:56	1
1,2-Dichloropropane	<41		270	41	ug/Kg	☼	03/04/21 22:36	03/10/21 22:56	1
1,3-Dichlorobenzene	<50		270	50	ug/Kg	☼	03/04/21 22:36	03/10/21 22:56	1
1,4-Dichlorobenzene	<60		270	60	ug/Kg	☼	03/04/21 22:36	03/10/21 22:56	1
1,4-Dioxane	<2500		14000	2500	ug/Kg	☼	03/04/21 22:36	03/10/21 22:56	1
2-Hexanone	<290		1100	290	ug/Kg	☼	03/04/21 22:36	03/10/21 22:56	1
Acetone	<270		1100	270	ug/Kg	☼	03/04/21 22:36	03/10/21 22:56	1
Benzene	**72**	**J**	270	46	ug/Kg	☼	03/04/21 22:36	03/10/21 22:56	1
Bromoform	<250		270	250	ug/Kg	☼	03/04/21 22:36	03/10/21 22:56	1
Bromomethane	<180		270	180	ug/Kg	☼	03/04/21 22:36	03/10/21 22:56	1
Carbon disulfide	<120		270	120	ug/Kg	☼	03/04/21 22:36	03/10/21 22:56	1
Carbon tetrachloride	<110		270	110	ug/Kg	☼	03/04/21 22:36	03/10/21 22:56	1
Chlorobenzene	<38		270	38	ug/Kg	☼	03/04/21 22:36	03/10/21 22:56	1
Chloroethane	<160		270	160	ug/Kg	☼	03/04/21 22:36	03/10/21 22:56	1
Chloroform	<59		270	59	ug/Kg	☼	03/04/21 22:36	03/10/21 22:56	1
Chloromethane	<72		270	72	ug/Kg	☼	03/04/21 22:36	03/10/21 22:56	1
cis-1,2-Dichloroethene	**7400**		270	44	ug/Kg	☼	03/04/21 22:36	03/10/21 22:56	1
cis-1,3-Dichloropropene	<140		270	140	ug/Kg	☼	03/04/21 22:36	03/10/21 22:56	1
Dichlorobromomethane	<31		270	31	ug/Kg	☼	03/04/21 22:36	03/10/21 22:56	1
Dichlorodifluoromethane	<58		270	58	ug/Kg	☼	03/04/21 22:36	03/10/21 22:56	1
Ethylbenzene	**1000**		270	51	ug/Kg	☼	03/04/21 22:36	03/10/21 22:56	1
Ethylene Dibromide	<87		270	87	ug/Kg	☼	03/04/21 22:36	03/10/21 22:56	1
Naphthalene	<130		270	130	ug/Kg	☼	03/04/21 22:36	03/10/21 22:56	1
Isopropylbenzene	<42		270	42	ug/Kg	☼	03/04/21 22:36	03/10/21 22:56	1
2-Butanone (MEK)	<170		1100	170	ug/Kg	☼	03/04/21 22:36	03/10/21 22:56	1
4-Methyl-2-pentanone (MIBK)	<260		1100	260	ug/Kg	☼	03/04/21 22:36	03/10/21 22:56	1
Methyl tert-butyl ether	<41		270	41	ug/Kg	☼	03/04/21 22:36	03/10/21 22:56	1
Methylene Chloride	<420		550	420	ug/Kg	☼	03/04/21 22:36	03/10/21 22:56	1
Styrene	<57		270	57	ug/Kg	☼	03/04/21 22:36	03/10/21 22:56	1
Tetrachloroethene	<110		270	110	ug/Kg	☼	03/04/21 22:36	03/10/21 22:56	1
Toluene	**630**		270	260	ug/Kg	☼	03/04/21 22:36	03/10/21 22:56	1
trans-1,2-Dichloroethene	<68		270	68	ug/Kg	☼	03/04/21 22:36	03/10/21 22:56	1
trans-1,3-Dichloropropene	<120		270	120	ug/Kg	☼	03/04/21 22:36	03/10/21 22:56	1
Trichloroethene	**460**		270	160	ug/Kg	☼	03/04/21 22:36	03/10/21 22:56	1
Trichlorofluoromethane	<150		270	150	ug/Kg	☼	03/04/21 22:36	03/10/21 22:56	1
Vinyl chloride	**400**		270	130	ug/Kg	☼	03/04/21 22:36	03/10/21 22:56	1
Xylenes, Total	**5700**		550	100	ug/Kg	☼	03/04/21 22:36	03/10/21 22:56	1
Chlorodibromomethane	<130		270	130	ug/Kg	☼	03/04/21 22:36	03/10/21 22:56	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*91*		*47 - 136*	*03/04/21 22:36*	*03/10/21 22:56*	*1*
4-Bromofluorobenzene (Surr)	*97*		*51 - 124*	*03/04/21 22:36*	*03/10/21 22:56*	*1*

Client Sample Results

Client: TRC Environmental Corporation.
Project/Site: ABB 2019 \ 2020

Job ID: 240-145104-1

Client Sample ID: SB-44 (4-6)

Date Collected: 02/26/21 08:35
Date Received: 02/26/21 13:45

Lab Sample ID: 240-145104-4

Matrix: Solid
Percent Solids: 81.4

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Toluene-d8 (Surr)	*94*		*55 - 123*	*03/04/21 22:36*	*03/10/21 22:56*	*1*
Dibromofluoromethane (Surr)	*82*		*49 - 122*	*03/04/21 22:36*	*03/10/21 22:56*	*1*

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Solids	**81.4**		0.1	0.1	%			03/01/21 11:34	1
Percent Moisture	**18.6**		0.1	0.1	%			03/01/21 11:34	1

Client Sample Results

Client: TRC Environmental Corporation.
Project/Site: ABB 2019 \ 2020

Job ID: 240-145104-1

Client Sample ID: SB-51 (0-2)

Date Collected: 02/26/21 07:40
Date Received: 02/26/21 13:45

Lab Sample ID: 240-145104-6

Matrix: Solid
Percent Solids: 79.0

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	**260**	**J**	320	99	ug/Kg	☼	03/04/21 22:36	03/09/21 17:41	1
1,1,2,2-Tetrachloroethane	<190		320	190	ug/Kg	☼	03/04/21 22:36	03/09/21 17:41	1
1,1,2-Trichloroethane	<73		320	73	ug/Kg	☼	03/04/21 22:36	03/09/21 17:41	1
1,1-Dichloroethane	<61		320	61	ug/Kg	☼	03/04/21 22:36	03/09/21 17:41	1
1,1-Dichloroethene	<100		320	100	ug/Kg	☼	03/04/21 22:36	03/09/21 17:41	1
1,2,4-Trichlorobenzene	<170		320	170	ug/Kg	☼	03/04/21 22:36	03/09/21 17:41	1
1,2-Dibromo-3-Chloropropane	<280		640	280	ug/Kg	☼	03/04/21 22:36	03/09/21 17:41	1
1,2-Dichlorobenzene	<150		320	150	ug/Kg	☼	03/04/21 22:36	03/09/21 17:41	1
1,2-Dichloroethane	<60		320	60	ug/Kg	☼	03/04/21 22:36	03/09/21 17:41	1
1,2-Dichloropropane	<47		320	47	ug/Kg	☼	03/04/21 22:36	03/09/21 17:41	1
1,3-Dichlorobenzene	<59		320	59	ug/Kg	☼	03/04/21 22:36	03/09/21 17:41	1
1,4-Dichlorobenzene	<70		320	70	ug/Kg	☼	03/04/21 22:36	03/09/21 17:41	1
1,4-Dioxane	<3000		16000	3000	ug/Kg	☼	03/04/21 22:36	03/09/21 17:41	1
2-Hexanone	<340		1300	340	ug/Kg	☼	03/04/21 22:36	03/09/21 17:41	1
Acetone	**310**	**J B**	1300	310	ug/Kg	☼	03/04/21 22:36	03/09/21 17:41	1
Benzene	<54		320	54	ug/Kg	☼	03/04/21 22:36	03/09/21 17:41	1
Bromoform	<290		320	290	ug/Kg	☼	03/04/21 22:36	03/09/21 17:41	1
Bromomethane	<210		320	210	ug/Kg	☼	03/04/21 22:36	03/09/21 17:41	1
Carbon disulfide	<140		320	140	ug/Kg	☼	03/04/21 22:36	03/09/21 17:41	1
Carbon tetrachloride	<130		320	130	ug/Kg	☼	03/04/21 22:36	03/09/21 17:41	1
Chlorobenzene	<45		320	45	ug/Kg	☼	03/04/21 22:36	03/09/21 17:41	1
Chloroethane	<190		320	190	ug/Kg	☼	03/04/21 22:36	03/09/21 17:41	1
Chloroform	<69		320	69	ug/Kg	☼	03/04/21 22:36	03/09/21 17:41	1
Chloromethane	<84		320	84	ug/Kg	☼	03/04/21 22:36	03/09/21 17:41	1
cis-1,2-Dichloroethene	<51		320	51	ug/Kg	☼	03/04/21 22:36	03/09/21 17:41	1
cis-1,3-Dichloropropene	<160		320	160	ug/Kg	☼	03/04/21 22:36	03/09/21 17:41	1
Dichlorobromomethane	<36		320	36	ug/Kg	☼	03/04/21 22:36	03/09/21 17:41	1
Dichlorodifluoromethane	<68		320	68	ug/Kg	☼	03/04/21 22:36	03/09/21 17:41	1
Ethylbenzene	<60		320	60	ug/Kg	☼	03/04/21 22:36	03/09/21 17:41	1
Ethylene Dibromide	<100		320	100	ug/Kg	☼	03/04/21 22:36	03/09/21 17:41	1
Naphthalene	<150		320	150	ug/Kg	☼	03/04/21 22:36	03/09/21 17:41	1
Isopropylbenzene	<48		320	48	ug/Kg	☼	03/04/21 22:36	03/09/21 17:41	1
2-Butanone (MEK)	<200		1300	200	ug/Kg	☼	03/04/21 22:36	03/09/21 17:41	1
4-Methyl-2-pentanone (MIBK)	<300		1300	300	ug/Kg	☼	03/04/21 22:36	03/09/21 17:41	1
Methyl tert-butyl ether	<47		320	47	ug/Kg	☼	03/04/21 22:36	03/09/21 17:41	1
Methylene Chloride	<490		640	490	ug/Kg	☼	03/04/21 22:36	03/09/21 17:41	1
Styrene	<66		320	66	ug/Kg	☼	03/04/21 22:36	03/09/21 17:41	1
Tetrachloroethene	**730**		320	120	ug/Kg	☼	03/04/21 22:36	03/09/21 17:41	1
Toluene	**330**		320	310	ug/Kg	☼	03/04/21 22:36	03/09/21 17:41	1
trans-1,2-Dichloroethene	<79		320	79	ug/Kg	☼	03/04/21 22:36	03/09/21 17:41	1
trans-1,3-Dichloropropene	<130		320	130	ug/Kg	☼	03/04/21 22:36	03/09/21 17:41	1
Trichloroethene	<180		320	180	ug/Kg	☼	03/04/21 22:36	03/09/21 17:41	1
Trichlorofluoromethane	<170		320	170	ug/Kg	☼	03/04/21 22:36	03/09/21 17:41	1
Vinyl chloride	<160		320	160	ug/Kg	☼	03/04/21 22:36	03/09/21 17:41	1
Xylenes, Total	<120		640	120	ug/Kg	☼	03/04/21 22:36	03/09/21 17:41	1
Chlorodibromomethane	<150		320	150	ug/Kg	☼	03/04/21 22:36	03/09/21 17:41	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*108*		*47 - 136*	*03/04/21 22:36*	*03/09/21 17:41*	*1*
4-Bromofluorobenzene (Surr)	*100*		*51 - 124*	*03/04/21 22:36*	*03/09/21 17:41*	*1*

Client Sample Results

Client: TRC Environmental Corporation.
Project/Site: ABB 2019 \ 2020

Job ID: 240-145104-1

Client Sample ID: SB-51 (0-2)

Lab Sample ID: 240-145104-6
Date Collected: 02/26/21 07:40
Matrix: Solid
Date Received: 02/26/21 13:45
Percent Solids: 79.0

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Toluene-d8 (Surr)	*106*		*55 - 123*	*03/04/21 22:36*	*03/09/21 17:41*	*1*
Dibromofluoromethane (Surr)	*89*		*49 - 122*	*03/04/21 22:36*	*03/09/21 17:41*	*1*

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Solids	**79.0**		0.1	0.1	%			03/01/21 11:34	1
Percent Moisture	**21.0**		0.1	0.1	%			03/01/21 11:34	1

Client Sample Results

Client: TRC Environmental Corporation.
Project/Site: ABB 2019 \ 2020

Job ID: 240-145104-1

Client Sample ID: SB-51 (2-4)

Date Collected: 02/26/21 07:50
Date Received: 02/26/21 13:45

Lab Sample ID: 240-145104-7

Matrix: Solid
Percent Solids: 77.8

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	<21		25	21	ug/Kg	☼	02/26/21 18:05	03/10/21 20:25	1
Benzene	<0.69		5.0	0.69	ug/Kg	☼	02/26/21 18:05	03/10/21 20:25	1
Bromoform	<2.4		5.0	2.4	ug/Kg	☼	02/26/21 18:05	03/10/21 20:25	1
Bromomethane	<0.98		5.0	0.98	ug/Kg	☼	02/26/21 18:05	03/10/21 20:25	1
2-Butanone (MEK)	<3.5		20	3.5	ug/Kg	☼	02/26/21 18:05	03/10/21 20:25	1
Carbon disulfide	<1.2		5.0	1.2	ug/Kg	☼	02/26/21 18:05	03/10/21 20:25	1
Carbon tetrachloride	<3.2		5.0	3.2	ug/Kg	☼	02/26/21 18:05	03/10/21 20:25	1
Chlorobenzene	<0.91		5.0	0.91	ug/Kg	☼	02/26/21 18:05	03/10/21 20:25	1
Chlorodibromomethane	<2.8		5.0	2.8	ug/Kg	☼	02/26/21 18:05	03/10/21 20:25	1
Chloroethane	<1.2		5.0	1.2	ug/Kg	☼	02/26/21 18:05	03/10/21 20:25	1
Chloroform	<0.78		5.0	0.78	ug/Kg	☼	02/26/21 18:05	03/10/21 20:25	1
Chloromethane	<1.0		5.0	1.0	ug/Kg	☼	02/26/21 18:05	03/10/21 20:25	1
cis-1,2-Dichloroethene	<0.65		5.0	0.65	ug/Kg	☼	02/26/21 18:05	03/10/21 20:25	1
cis-1,3-Dichloropropene	<1.4		5.0	1.4	ug/Kg	☼	02/26/21 18:05	03/10/21 20:25	1
1,2-Dibromo-3-Chloropropane	<3.6		10	3.6	ug/Kg	☼	02/26/21 18:05	03/10/21 20:25	1
1,2-Dichlorobenzene	<1.1		5.0	1.1	ug/Kg	☼	02/26/21 18:05	03/10/21 20:25	1
1,3-Dichlorobenzene	<0.81		5.0	0.81	ug/Kg	☼	02/26/21 18:05	03/10/21 20:25	1
1,4-Dichlorobenzene	<0.88		5.0	0.88	ug/Kg	☼	02/26/21 18:05	03/10/21 20:25	1
Dichlorobromomethane	<0.68		5.0	0.68	ug/Kg	☼	02/26/21 18:05	03/10/21 20:25	1
Dichlorodifluoromethane	<0.94		5.0	0.94	ug/Kg	☼	02/26/21 18:05	03/10/21 20:25	1
1,1-Dichloroethane	**6.5**		5.0	0.69	ug/Kg	☼	02/26/21 18:05	03/10/21 20:25	1
1,2-Dichloroethane	<0.77		5.0	0.77	ug/Kg	☼	02/26/21 18:05	03/10/21 20:25	1
1,1-Dichloroethene	**3.8**	**J**	5.0	0.90	ug/Kg	☼	02/26/21 18:05	03/10/21 20:25	1
1,2-Dichloropropane	<0.85		5.0	0.85	ug/Kg	☼	02/26/21 18:05	03/10/21 20:25	1
1,4-Dioxane	**29**	**J**	250	22	ug/Kg	☼	02/26/21 18:05	03/10/21 20:25	1
Ethylbenzene	<1.0		5.0	1.0	ug/Kg	☼	02/26/21 18:05	03/10/21 20:25	1
Ethylene Dibromide	<0.77		5.0	0.77	ug/Kg	☼	02/26/21 18:05	03/10/21 20:25	1
2-Hexanone	<4.1		20	4.1	ug/Kg	☼	02/26/21 18:05	03/10/21 20:25	1
Isopropylbenzene	<0.83		5.0	0.83	ug/Kg	☼	02/26/21 18:05	03/10/21 20:25	1
Methylene Chloride	<12		25	12	ug/Kg	☼	02/26/21 18:05	03/10/21 20:25	1
4-Methyl-2-pentanone (MIBK)	<3.7		20	3.7	ug/Kg	☼	02/26/21 18:05	03/10/21 20:25	1
Methyl tert-butyl ether	<0.82		5.0	0.82	ug/Kg	☼	02/26/21 18:05	03/10/21 20:25	1
Styrene	<1.2		5.0	1.2	ug/Kg	☼	02/26/21 18:05	03/10/21 20:25	1
1,1,2,2-Tetrachloroethane	<1.4		5.0	1.4	ug/Kg	☼	02/26/21 18:05	03/10/21 20:25	1
Tetrachloroethene	**36**		5.0	0.73	ug/Kg	☼	02/26/21 18:05	03/10/21 20:25	1
Toluene	<0.77		5.0	0.77	ug/Kg	☼	02/26/21 18:05	03/10/21 20:25	1
trans-1,2-Dichloroethene	<0.46		5.0	0.46	ug/Kg	☼	02/26/21 18:05	03/10/21 20:25	1
trans-1,3-Dichloropropene	<1.0		5.0	1.0	ug/Kg	☼	02/26/21 18:05	03/10/21 20:25	1
1,2,4-Trichlorobenzene	<0.57		5.0	0.57	ug/Kg	☼	02/26/21 18:05	03/10/21 20:25	1
1,1,1-Trichloroethane	**5.1**		5.0	0.82	ug/Kg	☼	02/26/21 18:05	03/10/21 20:25	1
1,1,2-Trichloroethane	<1.1		5.0	1.1	ug/Kg	☼	02/26/21 18:05	03/10/21 20:25	1
Trichloroethene	**11**		5.0	0.63	ug/Kg	☼	02/26/21 18:05	03/10/21 20:25	1
Trichlorofluoromethane	<1.1		5.0	1.1	ug/Kg	☼	02/26/21 18:05	03/10/21 20:25	1
Vinyl chloride	<0.83		5.0	0.83	ug/Kg	☼	02/26/21 18:05	03/10/21 20:25	1
Xylenes, Total	<1.6		10	1.6	ug/Kg	☼	02/26/21 18:05	03/10/21 20:25	1
Naphthalene	<2.7		5.0	2.7	ug/Kg	☼	02/26/21 18:05	03/10/21 20:25	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*91*		*51 - 127*	*02/26/21 18:05*	*03/10/21 20:25*	*1*
Dibromofluoromethane (Surr)	*89*		*56 - 122*	*02/26/21 18:05*	*03/10/21 20:25*	*1*

Client: TRC Environmental Corporation.
Project/Site: ABB 2019 \ 2020

Job ID: 240-145104-1

Client Sample ID: SB-51 (2-4)

Lab Sample ID: 240-145104-7

Date Collected: 02/26/21 07:50
Date Received: 02/26/21 13:45

Matrix: Solid
Percent Solids: 77.8

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*91*		*59 - 120*	*02/26/21 18:05*	*03/10/21 20:25*	*1*
Toluene-d8 (Surr)	*94*		*64 - 124*	*02/26/21 18:05*	*03/10/21 20:25*	*1*

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Solids	**77.8**		0.1	0.1	%			03/01/21 11:34	1
Percent Moisture	**22.2**		0.1	0.1	%			03/01/21 11:34	1

Client Sample Results

Client: TRC Environmental Corporation.
Project/Site: ABB 2019 \ 2020

Job ID: 240-145104-1

Client Sample ID: SB-51 (4-6)

Date Collected: 02/26/21 08:00
Date Received: 02/26/21 13:45

Lab Sample ID: 240-145104-8

Matrix: Solid
Percent Solids: 77.5

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	<110		340	110	ug/Kg	☼	03/04/21 22:36	03/09/21 18:07	1
1,1,2,2-Tetrachloroethane	<200		340	200	ug/Kg	☼	03/04/21 22:36	03/09/21 18:07	1
1,1,2-Trichloroethane	<77		340	77	ug/Kg	☼	03/04/21 22:36	03/09/21 18:07	1
1,1-Dichloroethane	<65		340	65	ug/Kg	☼	03/04/21 22:36	03/09/21 18:07	1
1,1-Dichloroethene	<110		340	110	ug/Kg	☼	03/04/21 22:36	03/09/21 18:07	1
1,2,4-Trichlorobenzene	<180		340	180	ug/Kg	☼	03/04/21 22:36	03/09/21 18:07	1
1,2-Dibromo-3-Chloropropane	<300		680	300	ug/Kg	☼	03/04/21 22:36	03/09/21 18:07	1
1,2-Dichlorobenzene	<160		340	160	ug/Kg	☼	03/04/21 22:36	03/09/21 18:07	1
1,2-Dichloroethane	<64		340	64	ug/Kg	☼	03/04/21 22:36	03/09/21 18:07	1
1,2-Dichloropropane	<50		340	50	ug/Kg	☼	03/04/21 22:36	03/09/21 18:07	1
1,3-Dichlorobenzene	<62		340	62	ug/Kg	☼	03/04/21 22:36	03/09/21 18:07	1
1,4-Dichlorobenzene	<75		340	75	ug/Kg	☼	03/04/21 22:36	03/09/21 18:07	1
1,4-Dioxane	<3200		17000	3200	ug/Kg	☼	03/04/21 22:36	03/09/21 18:07	1
2-Hexanone	<360		1400	360	ug/Kg	☼	03/04/21 22:36	03/09/21 18:07	1
Acetone	<330		1400	330	ug/Kg	☼	03/04/21 22:36	03/09/21 18:07	1
Benzene	<57		340	57	ug/Kg	☼	03/04/21 22:36	03/09/21 18:07	1
Bromoform	<310		340	310	ug/Kg	☼	03/04/21 22:36	03/09/21 18:07	1
Bromomethane	<230		340	230	ug/Kg	☼	03/04/21 22:36	03/09/21 18:07	1
Carbon disulfide	<150		340	150	ug/Kg	☼	03/04/21 22:36	03/09/21 18:07	1
Carbon tetrachloride	<140		340	140	ug/Kg	☼	03/04/21 22:36	03/09/21 18:07	1
Chlorobenzene	<48		340	48	ug/Kg	☼	03/04/21 22:36	03/09/21 18:07	1
Chloroethane	<200		340	200	ug/Kg	☼	03/04/21 22:36	03/09/21 18:07	1
Chloroform	<73		340	73	ug/Kg	☼	03/04/21 22:36	03/09/21 18:07	1
Chloromethane	<90		340	90	ug/Kg	☼	03/04/21 22:36	03/09/21 18:07	1
cis-1,2-Dichloroethene	<54		340	54	ug/Kg	☼	03/04/21 22:36	03/09/21 18:07	1
cis-1,3-Dichloropropene	<170		340	170	ug/Kg	☼	03/04/21 22:36	03/09/21 18:07	1
Dichlorobromomethane	<38		340	38	ug/Kg	☼	03/04/21 22:36	03/09/21 18:07	1
Dichlorodifluoromethane	<72		340	72	ug/Kg	☼	03/04/21 22:36	03/09/21 18:07	1
Ethylbenzene	<64		340	64	ug/Kg	☼	03/04/21 22:36	03/09/21 18:07	1
Ethylene Dibromide	<110		340	110	ug/Kg	☼	03/04/21 22:36	03/09/21 18:07	1
Naphthalene	<160		340	160	ug/Kg	☼	03/04/21 22:36	03/09/21 18:07	1
Isopropylbenzene	<52		340	52	ug/Kg	☼	03/04/21 22:36	03/09/21 18:07	1
2-Butanone (MEK)	<210		1400	210	ug/Kg	☼	03/04/21 22:36	03/09/21 18:07	1
4-Methyl-2-pentanone (MIBK)	<320		1400	320	ug/Kg	☼	03/04/21 22:36	03/09/21 18:07	1
Methyl tert-butyl ether	<50		340	50	ug/Kg	☼	03/04/21 22:36	03/09/21 18:07	1
Methylene Chloride	<520		680	520	ug/Kg	☼	03/04/21 22:36	03/09/21 18:07	1
Styrene	<71		340	71	ug/Kg	☼	03/04/21 22:36	03/09/21 18:07	1
Tetrachloroethene	**750**		340	130	ug/Kg	☼	03/04/21 22:36	03/09/21 18:07	1
Toluene	<330		340	330	ug/Kg	☼	03/04/21 22:36	03/09/21 18:07	1
trans-1,2-Dichloroethene	<84		340	84	ug/Kg	☼	03/04/21 22:36	03/09/21 18:07	1
trans-1,3-Dichloropropene	<140		340	140	ug/Kg	☼	03/04/21 22:36	03/09/21 18:07	1
Trichloroethene	**270**	**J**	340	190	ug/Kg	☼	03/04/21 22:36	03/09/21 18:07	1
Trichlorofluoromethane	<190		340	190	ug/Kg	☼	03/04/21 22:36	03/09/21 18:07	1
Vinyl chloride	<170		340	170	ug/Kg	☼	03/04/21 22:36	03/09/21 18:07	1
Xylenes, Total	<120		680	120	ug/Kg	☼	03/04/21 22:36	03/09/21 18:07	1
Chlorodibromomethane	<160		340	160	ug/Kg	☼	03/04/21 22:36	03/09/21 18:07	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*96*		*47 - 136*	*03/04/21 22:36*	*03/09/21 18:07*	*1*
4-Bromofluorobenzene (Surr)	*101*		*51 - 124*	*03/04/21 22:36*	*03/09/21 18:07*	*1*

Client Sample Results

Client: TRC Environmental Corporation.
Project/Site: ABB 2019 \ 2020

Job ID: 240-145104-1

Client Sample ID: SB-51 (4-6)

Lab Sample ID: 240-145104-8
Date Collected: 02/26/21 08:00
Matrix: Solid
Date Received: 02/26/21 13:45
Percent Solids: 77.5

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Toluene-d8 (Surr)	*97*		*55 - 123*	*03/04/21 22:36*	*03/09/21 18:07*	*1*
Dibromofluoromethane (Surr)	*82*		*49 - 122*	*03/04/21 22:36*	*03/09/21 18:07*	*1*

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Solids	**77.5**		0.1	0.1	%			03/01/21 11:34	1
Percent Moisture	**22.5**		0.1	0.1	%			03/01/21 11:34	1

Client Sample Results

Client: TRC Environmental Corporation.
Project/Site: ABB 2019 \ 2020

Job ID: 240-145104-1

Client Sample ID: CB025W01

Date Collected: 02/26/21 09:45
Date Received: 02/26/21 13:45

Lab Sample ID: 240-145104-9

Matrix: Water

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	<220		400	220	ug/L			03/04/21 20:10	40
Benzene	<5.2		40	5.2	ug/L			03/04/21 20:10	40
Dichlorobromomethane	<6.8		40	6.8	ug/L			03/04/21 20:10	40
Bromoform	<30		40	30	ug/L			03/04/21 20:10	40
Bromomethane	<17		40	17	ug/L			03/04/21 20:10	40
2-Butanone (MEK)	<46		400	46	ug/L			03/04/21 20:10	40
Carbon disulfide	<11		40	11	ug/L			03/04/21 20:10	40
Carbon tetrachloride	<10		40	10	ug/L			03/04/21 20:10	40
Chlorobenzene	<5.6		40	5.6	ug/L			03/04/21 20:10	40
Chloroethane	<33		40	33	ug/L			03/04/21 20:10	40
Chloroform	<5.2		40	5.2	ug/L			03/04/21 20:10	40
Chloromethane	<8.0		40	8.0	ug/L			03/04/21 20:10	40
1,1-Dichloroethane	**610**		40	6.8	ug/L			03/04/21 20:10	40
1,2-Dichloroethane	<8.4		40	8.4	ug/L			03/04/21 20:10	40
1,1-Dichloroethene	<7.6		40	7.6	ug/L			03/04/21 20:10	40
1,2-Dichloropropane	<6.0		40	6.0	ug/L			03/04/21 20:10	40
cis-1,3-Dichloropropene	<24		40	24	ug/L			03/04/21 20:10	40
trans-1,3-Dichloropropene	<27		40	27	ug/L			03/04/21 20:10	40
Ethylbenzene	<4.4		40	4.4	ug/L			03/04/21 20:10	40
2-Hexanone	<22		400	22	ug/L			03/04/21 20:10	40
Methylene Chloride	<100		200	100	ug/L			03/04/21 20:10	40
4-Methyl-2-pentanone (MIBK)	<17		400	17	ug/L			03/04/21 20:10	40
Styrene	<4.0		40	4.0	ug/L			03/04/21 20:10	40
1,1,2,2-Tetrachloroethane	<5.2		40	5.2	ug/L			03/04/21 20:10	40
Tetrachloroethene	**33**	**J**	40	6.0	ug/L			03/04/21 20:10	40
Toluene	**8.1**	**J**	40	5.6	ug/L			03/04/21 20:10	40
Trichloroethene	<4.0		40	4.0	ug/L			03/04/21 20:10	40
Vinyl chloride	<8.0		40	8.0	ug/L			03/04/21 20:10	40
Xylenes, Total	<6.0		80	6.0	ug/L			03/04/21 20:10	40
1,1,1-Trichloroethane	**1100**		40	9.6	ug/L			03/04/21 20:10	40
1,1,2-Trichloroethane	<3.6		40	3.6	ug/L			03/04/21 20:10	40
1,2-Dibromo-3-Chloropropane	<36		80	36	ug/L			03/04/21 20:10	40
Ethylene Dibromide	<4.8		40	4.8	ug/L			03/04/21 20:10	40
1,4-Dioxane	<510		2000	510	ug/L			03/04/21 20:10	40
Dichlorodifluoromethane	<14		40	14	ug/L			03/04/21 20:10	40
cis-1,2-Dichloroethene	<6.4		40	6.4	ug/L			03/04/21 20:10	40
trans-1,2-Dichloroethene	<7.6		40	7.6	ug/L			03/04/21 20:10	40
Isopropylbenzene	<3.6		40	3.6	ug/L			03/04/21 20:10	40
Methyl tert-butyl ether	<2.8		40	2.8	ug/L			03/04/21 20:10	40
1,2,4-Trichlorobenzene	<10		40	10	ug/L			03/04/21 20:10	40
1,2-Dichlorobenzene	<6.0		40	6.0	ug/L			03/04/21 20:10	40
1,3-Dichlorobenzene	<6.0		40	6.0	ug/L			03/04/21 20:10	40
1,4-Dichlorobenzene	<6.4		40	6.4	ug/L			03/04/21 20:10	40
Trichlorofluoromethane	<18		40	18	ug/L			03/04/21 20:10	40
Chlorodibromomethane	<16		40	16	ug/L			03/04/21 20:10	40
Naphthalene	<13		40	13	ug/L			03/04/21 20:10	40

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*93*		*75 - 130*		*03/04/21 20:10*	*40*
4-Bromofluorobenzene (Surr)	*84*		*47 - 134*		*03/04/21 20:10*	*40*

Client Sample Results

Client: TRC Environmental Corporation.
Project/Site: ABB 2019 \ 2020

Job ID: 240-145104-1

Client Sample ID: CB025W01

Date Collected: 02/26/21 09:45
Date Received: 02/26/21 13:45

Lab Sample ID: 240-145104-9

Matrix: Water

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
Toluene-d8 (Surr)	96		69 - 122		03/04/21 20:10	40
Dibromofluoromethane (Surr)	90		78 - 129		03/04/21 20:10	40

Client Sample Results

Client: TRC Environmental Corporation.
Project/Site: ABB 2019 \ 2020

Job ID: 240-145104-1

Client Sample ID: TRIP BLANK

Lab Sample ID: 240-145104-10

Date Collected: 02/26/21 00:00
Date Received: 02/26/21 13:45

Matrix: Water

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	<5.4		10	5.4	ug/L			03/04/21 20:33	1
Benzene	<0.13		1.0	0.13	ug/L			03/04/21 20:33	1
Dichlorobromomethane	<0.17		1.0	0.17	ug/L			03/04/21 20:33	1
Bromoform	<0.76		1.0	0.76	ug/L			03/04/21 20:33	1
Bromomethane	<0.42		1.0	0.42	ug/L			03/04/21 20:33	1
2-Butanone (MEK)	<1.2		10	1.2	ug/L			03/04/21 20:33	1
Carbon disulfide	<0.28		1.0	0.28	ug/L			03/04/21 20:33	1
Carbon tetrachloride	<0.26		1.0	0.26	ug/L			03/04/21 20:33	1
Chlorobenzene	<0.14		1.0	0.14	ug/L			03/04/21 20:33	1
Chloroethane	<0.83		1.0	0.83	ug/L			03/04/21 20:33	1
Chloroform	<0.13		1.0	0.13	ug/L			03/04/21 20:33	1
Chloromethane	<0.20		1.0	0.20	ug/L			03/04/21 20:33	1
1,1-Dichloroethane	<0.17		1.0	0.17	ug/L			03/04/21 20:33	1
1,2-Dichloroethane	<0.21		1.0	0.21	ug/L			03/04/21 20:33	1
1,1-Dichloroethene	<0.19		1.0	0.19	ug/L			03/04/21 20:33	1
1,2-Dichloropropane	<0.15		1.0	0.15	ug/L			03/04/21 20:33	1
cis-1,3-Dichloropropene	<0.61		1.0	0.61	ug/L			03/04/21 20:33	1
trans-1,3-Dichloropropene	<0.67		1.0	0.67	ug/L			03/04/21 20:33	1
Ethylbenzene	<0.11		1.0	0.11	ug/L			03/04/21 20:33	1
2-Hexanone	<0.54		10	0.54	ug/L			03/04/21 20:33	1
Methylene Chloride	<2.6		5.0	2.6	ug/L			03/04/21 20:33	1
4-Methyl-2-pentanone (MIBK)	<0.42		10	0.42	ug/L			03/04/21 20:33	1
Styrene	<0.10		1.0	0.10	ug/L			03/04/21 20:33	1
1,1,2,2-Tetrachloroethane	<0.13		1.0	0.13	ug/L			03/04/21 20:33	1
Tetrachloroethene	<0.15		1.0	0.15	ug/L			03/04/21 20:33	1
Toluene	<0.14		1.0	0.14	ug/L			03/04/21 20:33	1
Trichloroethene	<0.10		1.0	0.10	ug/L			03/04/21 20:33	1
Vinyl chloride	<0.20		1.0	0.20	ug/L			03/04/21 20:33	1
Xylenes, Total	<0.15		2.0	0.15	ug/L			03/04/21 20:33	1
1,1,1-Trichloroethane	<0.24		1.0	0.24	ug/L			03/04/21 20:33	1
1,1,2-Trichloroethane	<0.090		1.0	0.090	ug/L			03/04/21 20:33	1
1,2-Dibromo-3-Chloropropane	<0.91		2.0	0.91	ug/L			03/04/21 20:33	1
Ethylene Dibromide	<0.12		1.0	0.12	ug/L			03/04/21 20:33	1
1,4-Dioxane	<13		50	13	ug/L			03/04/21 20:33	1
Dichlorodifluoromethane	<0.35		1.0	0.35	ug/L			03/04/21 20:33	1
cis-1,2-Dichloroethene	<0.16		1.0	0.16	ug/L			03/04/21 20:33	1
trans-1,2-Dichloroethene	<0.19		1.0	0.19	ug/L			03/04/21 20:33	1
Isopropylbenzene	<0.090		1.0	0.090	ug/L			03/04/21 20:33	1
Methyl tert-butyl ether	<0.070		1.0	0.070	ug/L			03/04/21 20:33	1
1,2,4-Trichlorobenzene	<0.26		1.0	0.26	ug/L			03/04/21 20:33	1
1,2-Dichlorobenzene	<0.15		1.0	0.15	ug/L			03/04/21 20:33	1
1,3-Dichlorobenzene	<0.15		1.0	0.15	ug/L			03/04/21 20:33	1
1,4-Dichlorobenzene	<0.16		1.0	0.16	ug/L			03/04/21 20:33	1
Trichlorofluoromethane	<0.45		1.0	0.45	ug/L			03/04/21 20:33	1
Chlorodibromomethane	<0.39		1.0	0.39	ug/L			03/04/21 20:33	1
Naphthalene	<0.32		1.0	0.32	ug/L			03/04/21 20:33	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*95*		*75 - 130*		*03/04/21 20:33*	*1*
4-Bromofluorobenzene (Surr)	*82*		*47 - 134*		*03/04/21 20:33*	*1*

Client: TRC Environmental Corporation.
Project/Site: ABB 2019 \ 2020

Job ID: 240-145104-1

Client Sample ID: TRIP BLANK

Lab Sample ID: 240-145104-10

Date Collected: 02/26/21 00:00

Matrix: Water

Date Received: 02/26/21 13:45

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
Toluene-d8 (Surr)	96		69 - 122		03/04/21 20:33	1
Dibromofluoromethane (Surr)	92		78 - 129		03/04/21 20:33	1

Client Sample Results

Client: TRC Environmental Corporation.
Project/Site: ABB 2019 \ 2020

Job ID: 240-145104-1

Client Sample ID: CB02SED01

Date Collected: 02/26/21 12:00
Date Received: 02/26/21 13:45

Lab Sample ID: 240-145104-11

Matrix: Solid
Percent Solids: 90.4

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	**62000**		2700	850	ug/Kg	☼	03/05/21 19:24	03/10/21 20:49	10
1,1,2,2-Tetrachloroethane	<1600		2700	1600	ug/Kg	☼	03/05/21 19:24	03/10/21 20:49	10
1,1,2-Trichloroethane	<620		2700	620	ug/Kg	☼	03/05/21 19:24	03/10/21 20:49	10
1,1-Dichloroethane	**3200**	**F1**	2700	530	ug/Kg	☼	03/05/21 19:24	03/10/21 20:49	10
1,1-Dichloroethene	<900	F1	2700	900	ug/Kg	☼	03/05/21 19:24	03/10/21 20:49	10
1,2,4-Trichlorobenzene	<1500		2700	1500	ug/Kg	☼	03/05/21 19:24	03/10/21 20:49	10
1,2-Dibromo-3-Chloropropane	<2400		5500	2400	ug/Kg	☼	03/05/21 19:24	03/10/21 20:49	10
1,2-Dichlorobenzene	<1300		2700	1300	ug/Kg	☼	03/05/21 19:24	03/10/21 20:49	10
1,2-Dichloroethane	<510		2700	510	ug/Kg	☼	03/05/21 19:24	03/10/21 20:49	10
1,2-Dichloropropane	<410		2700	410	ug/Kg	☼	03/05/21 19:24	03/10/21 20:49	10
1,3-Dichlorobenzene	<500		2700	500	ug/Kg	☼	03/05/21 19:24	03/10/21 20:49	10
1,4-Dichlorobenzene	<600		2700	600	ug/Kg	☼	03/05/21 19:24	03/10/21 20:49	10
1,4-Dioxane	<25000		140000	25000	ug/Kg	☼	03/05/21 19:24	03/10/21 20:49	10
2-Hexanone	<2900		11000	2900	ug/Kg	☼	03/05/21 19:24	03/10/21 20:49	10
Acetone	<2700		11000	2700	ug/Kg	☼	03/05/21 19:24	03/10/21 20:49	10
Benzene	<460		2700	460	ug/Kg	☼	03/05/21 19:24	03/10/21 20:49	10
Bromoform	<2500		2700	2500	ug/Kg	☼	03/05/21 19:24	03/10/21 20:49	10
Bromomethane	<1800		2700	1800	ug/Kg	☼	03/05/21 19:24	03/10/21 20:49	10
Carbon disulfide	<1200		2700	1200	ug/Kg	☼	03/05/21 19:24	03/10/21 20:49	10
Carbon tetrachloride	<1100		2700	1100	ug/Kg	☼	03/05/21 19:24	03/10/21 20:49	10
Chlorobenzene	<380		2700	380	ug/Kg	☼	03/05/21 19:24	03/10/21 20:49	10
Chloroethane	<1600		2700	1600	ug/Kg	☼	03/05/21 19:24	03/10/21 20:49	10
Chloroform	<590		2700	590	ug/Kg	☼	03/05/21 19:24	03/10/21 20:49	10
Chloromethane	<720		2700	720	ug/Kg	☼	03/05/21 19:24	03/10/21 20:49	10
cis-1,2-Dichloroethene	<440		2700	440	ug/Kg	☼	03/05/21 19:24	03/10/21 20:49	10
cis-1,3-Dichloropropene	<1400		2700	1400	ug/Kg	☼	03/05/21 19:24	03/10/21 20:49	10
Dichlorobromomethane	<310		2700	310	ug/Kg	☼	03/05/21 19:24	03/10/21 20:49	10
Dichlorodifluoromethane	<580	F1	2700	580	ug/Kg	☼	03/05/21 19:24	03/10/21 20:49	10
Ethylbenzene	<510		2700	510	ug/Kg	☼	03/05/21 19:24	03/10/21 20:49	10
Ethylene Dibromide	<870	F1	2700	870	ug/Kg	☼	03/05/21 19:24	03/10/21 20:49	10
Naphthalene	<1300		2700	1300	ug/Kg	☼	03/05/21 19:24	03/10/21 20:49	10
Isopropylbenzene	<420		2700	420	ug/Kg	☼	03/05/21 19:24	03/10/21 20:49	10
2-Butanone (MEK)	<1700		11000	1700	ug/Kg	☼	03/05/21 19:24	03/10/21 20:49	10
4-Methyl-2-pentanone (MIBK)	<2600		11000	2600	ug/Kg	☼	03/05/21 19:24	03/10/21 20:49	10
Methyl tert-butyl ether	<410		2700	410	ug/Kg	☼	03/05/21 19:24	03/10/21 20:49	10
Methylene Chloride	<4200		5500	4200	ug/Kg	☼	03/05/21 19:24	03/10/21 20:49	10
Styrene	<570		2700	570	ug/Kg	☼	03/05/21 19:24	03/10/21 20:49	10
Tetrachloroethene	**18000**		2700	1100	ug/Kg	☼	03/05/21 19:24	03/10/21 20:49	10
Toluene	<2600		2700	2600	ug/Kg	☼	03/05/21 19:24	03/10/21 20:49	10
trans-1,2-Dichloroethene	<680		2700	680	ug/Kg	☼	03/05/21 19:24	03/10/21 20:49	10
trans-1,3-Dichloropropene	<1200		2700	1200	ug/Kg	☼	03/05/21 19:24	03/10/21 20:49	10
Trichloroethene	<1600		2700	1600	ug/Kg	☼	03/05/21 19:24	03/10/21 20:49	10
Trichlorofluoromethane	<1500		2700	1500	ug/Kg	☼	03/05/21 19:24	03/10/21 20:49	10
Vinyl chloride	<1300		2700	1300	ug/Kg	☼	03/05/21 19:24	03/10/21 20:49	10
Xylenes, Total	<1000	F1	5500	1000	ug/Kg	☼	03/05/21 19:24	03/10/21 20:49	10
Chlorodibromomethane	<1300		2700	1300	ug/Kg	☼	03/05/21 19:24	03/10/21 20:49	10

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*99*		*59 - 120*	*03/05/21 19:24*	*03/10/21 20:49*	*10*
4-Bromofluorobenzene (Surr)	*101*		*51 - 127*	*03/05/21 19:24*	*03/10/21 20:49*	*10*

Client Sample Results

Client: TRC Environmental Corporation.
Project/Site: ABB 2019 \ 2020

Job ID: 240-145104-1

Client Sample ID: CB02SED01

Date Collected: 02/26/21 12:00
Date Received: 02/26/21 13:45

Lab Sample ID: 240-145104-11

Matrix: Solid
Percent Solids: 90.4

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Toluene-d8 (Surr)	*100*		*64 - 124*	*03/05/21 19:24*	*03/10/21 20:49*	*10*
Dibromofluoromethane (Surr)	*90*		*56 - 122*	*03/05/21 19:24*	*03/10/21 20:49*	*10*

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Solids	**90.4**		0.1	0.1	%			03/03/21 19:10	1
Percent Moisture	**9.6**		0.1	0.1	%			03/03/21 19:10	1

Client Sample Results

Client: TRC Environmental Corporation.
Project/Site: ABB 2019 \ 2020

Job ID: 240-145104-1

Client Sample ID: SB-54 (0-2)

Date Collected: 02/26/21 08:10
Date Received: 02/26/21 13:45

Lab Sample ID: 240-145104-13

Matrix: Solid
Percent Solids: 82.3

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	**22000**		650	200	ug/Kg	☼	03/04/21 22:36	03/09/21 18:32	2
1,1,2,2-Tetrachloroethane	<390		650	390	ug/Kg	☼	03/04/21 22:36	03/09/21 18:32	2
1,1,2-Trichloroethane	<150		650	150	ug/Kg	☼	03/04/21 22:36	03/09/21 18:32	2
1,1-Dichloroethane	**970**		650	130	ug/Kg	☼	03/04/21 22:36	03/09/21 18:32	2
1,1-Dichloroethene	**8600**		650	210	ug/Kg	☼	03/04/21 22:36	03/09/21 18:32	2
1,2,4-Trichlorobenzene	<350		650	350	ug/Kg	☼	03/04/21 22:36	03/09/21 18:32	2
1,2-Dibromo-3-Chloropropane	<580		1300	580	ug/Kg	☼	03/04/21 22:36	03/09/21 18:32	2
1,2-Dichlorobenzene	<310		650	310	ug/Kg	☼	03/04/21 22:36	03/09/21 18:32	2
1,2-Dichloroethane	<120		650	120	ug/Kg	☼	03/04/21 22:36	03/09/21 18:32	2
1,2-Dichloropropane	<97		650	97	ug/Kg	☼	03/04/21 22:36	03/09/21 18:32	2
1,3-Dichlorobenzene	<120		650	120	ug/Kg	☼	03/04/21 22:36	03/09/21 18:32	2
1,4-Dichlorobenzene	<140		650	140	ug/Kg	☼	03/04/21 22:36	03/09/21 18:32	2
1,4-Dioxane	<6100		33000	6100	ug/Kg	☼	03/04/21 22:36	03/09/21 18:32	2
2-Hexanone	<690		2600	690	ug/Kg	☼	03/04/21 22:36	03/09/21 18:32	2
Acetone	**700**	**J B**	2600	640	ug/Kg	☼	03/04/21 22:36	03/09/21 18:32	2
Benzene	<110		650	110	ug/Kg	☼	03/04/21 22:36	03/09/21 18:32	2
Bromoform	<590		650	590	ug/Kg	☼	03/04/21 22:36	03/09/21 18:32	2
Bromomethane	<430		650	430	ug/Kg	☼	03/04/21 22:36	03/09/21 18:32	2
Carbon disulfide	<280		650	280	ug/Kg	☼	03/04/21 22:36	03/09/21 18:32	2
Carbon tetrachloride	<270		650	270	ug/Kg	☼	03/04/21 22:36	03/09/21 18:32	2
Chlorobenzene	<91		650	91	ug/Kg	☼	03/04/21 22:36	03/09/21 18:32	2
Chloroethane	<390		650	390	ug/Kg	☼	03/04/21 22:36	03/09/21 18:32	2
Chloroform	<140		650	140	ug/Kg	☼	03/04/21 22:36	03/09/21 18:32	2
Chloromethane	<170		650	170	ug/Kg	☼	03/04/21 22:36	03/09/21 18:32	2
cis-1,2-Dichloroethene	<100		650	100	ug/Kg	☼	03/04/21 22:36	03/09/21 18:32	2
cis-1,3-Dichloropropene	<320		650	320	ug/Kg	☼	03/04/21 22:36	03/09/21 18:32	2
Dichlorobromomethane	<73		650	73	ug/Kg	☼	03/04/21 22:36	03/09/21 18:32	2
Dichlorodifluoromethane	<140		650	140	ug/Kg	☼	03/04/21 22:36	03/09/21 18:32	2
Ethylbenzene	**430**	**J**	650	120	ug/Kg	☼	03/04/21 22:36	03/09/21 18:32	2
Ethylene Dibromide	<210		650	210	ug/Kg	☼	03/04/21 22:36	03/09/21 18:32	2
Naphthalene	<310		650	310	ug/Kg	☼	03/04/21 22:36	03/09/21 18:32	2
Isopropylbenzene	<99		650	99	ug/Kg	☼	03/04/21 22:36	03/09/21 18:32	2
2-Butanone (MEK)	<410		2600	410	ug/Kg	☼	03/04/21 22:36	03/09/21 18:32	2
4-Methyl-2-pentanone (MIBK)	<620		2600	620	ug/Kg	☼	03/04/21 22:36	03/09/21 18:32	2
Methyl tert-butyl ether	<97		650	97	ug/Kg	☼	03/04/21 22:36	03/09/21 18:32	2
Methylene Chloride	<1000		1300	1000	ug/Kg	☼	03/04/21 22:36	03/09/21 18:32	2
Styrene	<140		650	140	ug/Kg	☼	03/04/21 22:36	03/09/21 18:32	2
Tetrachloroethene	<250		650	250	ug/Kg	☼	03/04/21 22:36	03/09/21 18:32	2
Toluene	**1400**		650	630	ug/Kg	☼	03/04/21 22:36	03/09/21 18:32	2
trans-1,2-Dichloroethene	<160		650	160	ug/Kg	☼	03/04/21 22:36	03/09/21 18:32	2
trans-1,3-Dichloropropene	<270		650	270	ug/Kg	☼	03/04/21 22:36	03/09/21 18:32	2
Trichloroethene	**810**		650	370	ug/Kg	☼	03/04/21 22:36	03/09/21 18:32	2
Trichlorofluoromethane	<360		650	360	ug/Kg	☼	03/04/21 22:36	03/09/21 18:32	2
Vinyl chloride	<320		650	320	ug/Kg	☼	03/04/21 22:36	03/09/21 18:32	2
Xylenes, Total	**2000**		1300	240	ug/Kg	☼	03/04/21 22:36	03/09/21 18:32	2
Chlorodibromomethane	<310		650	310	ug/Kg	☼	03/04/21 22:36	03/09/21 18:32	2

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*106*		*47 - 136*	*03/04/21 22:36*	*03/09/21 18:32*	*2*
4-Bromofluorobenzene (Surr)	*97*		*51 - 124*	*03/04/21 22:36*	*03/09/21 18:32*	*2*

Client: TRC Environmental Corporation.
Project/Site: ABB 2019 \ 2020

Job ID: 240-145104-1

Client Sample ID: SB-54 (0-2)

Date Collected: 02/26/21 08:10
Date Received: 02/26/21 13:45

Lab Sample ID: 240-145104-13

Matrix: Solid
Percent Solids: 82.3

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Toluene-d8 (Surr)	*102*		*55 - 123*	*03/04/21 22:36*	*03/09/21 18:32*	*2*
Dibromofluoromethane (Surr)	*97*		*49 - 122*	*03/04/21 22:36*	*03/09/21 18:32*	*2*

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Solids	**82.3**		0.1	0.1	%			03/01/21 11:34	1
Percent Moisture	**17.7**		0.1	0.1	%			03/01/21 11:34	1

Client Sample Results

Client: TRC Environmental Corporation.
Project/Site: ABB 2019 \ 2020

Job ID: 240-145104-1

Client Sample ID: SB-54 (2-4)

Date Collected: 02/26/21 08:15
Date Received: 02/26/21 13:45

Lab Sample ID: 240-145104-14

Matrix: Solid
Percent Solids: 80.8

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	**35000**		850	270	ug/Kg	☼	03/04/21 22:36	03/09/21 18:57	2.857
1,1,2,2-Tetrachloroethane	<510		850	510	ug/Kg	☼	03/04/21 22:36	03/09/21 18:57	2.857
1,1,2-Trichloroethane	<190		850	190	ug/Kg	☼	03/04/21 22:36	03/09/21 18:57	2.857
1,1-Dichloroethane	**1200**		850	160	ug/Kg	☼	03/04/21 22:36	03/09/21 18:57	2.857
1,1-Dichloroethene	**14000**		850	280	ug/Kg	☼	03/04/21 22:36	03/09/21 18:57	2.857
1,2,4-Trichlorobenzene	<450		850	450	ug/Kg	☼	03/04/21 22:36	03/09/21 18:57	2.857
1,2-Dibromo-3-Chloropropane	<750		1700	750	ug/Kg	☼	03/04/21 22:36	03/09/21 18:57	2.857
1,2-Dichlorobenzene	<410		850	410	ug/Kg	☼	03/04/21 22:36	03/09/21 18:57	2.857
1,2-Dichloroethane	<160		850	160	ug/Kg	☼	03/04/21 22:36	03/09/21 18:57	2.857
1,2-Dichloropropane	<130		850	130	ug/Kg	☼	03/04/21 22:36	03/09/21 18:57	2.857
1,3-Dichlorobenzene	<160		850	160	ug/Kg	☼	03/04/21 22:36	03/09/21 18:57	2.857
1,4-Dichlorobenzene	<190		850	190	ug/Kg	☼	03/04/21 22:36	03/09/21 18:57	2.857
1,4-Dioxane	<7900		43000	7900	ug/Kg	☼	03/04/21 22:36	03/09/21 18:57	2.857
2-Hexanone	<900		3400	900	ug/Kg	☼	03/04/21 22:36	03/09/21 18:57	2.857
Acetone	**1200**	**J B**	3400	830	ug/Kg	☼	03/04/21 22:36	03/09/21 18:57	2.857
Benzene	<140		850	140	ug/Kg	☼	03/04/21 22:36	03/09/21 18:57	2.857
Bromoform	<780		850	780	ug/Kg	☼	03/04/21 22:36	03/09/21 18:57	2.857
Bromomethane	<560		850	560	ug/Kg	☼	03/04/21 22:36	03/09/21 18:57	2.857
Carbon disulfide	<370		850	370	ug/Kg	☼	03/04/21 22:36	03/09/21 18:57	2.857
Carbon tetrachloride	<350		850	350	ug/Kg	☼	03/04/21 22:36	03/09/21 18:57	2.857
Chlorobenzene	<120		850	120	ug/Kg	☼	03/04/21 22:36	03/09/21 18:57	2.857
Chloroethane	<510		850	510	ug/Kg	☼	03/04/21 22:36	03/09/21 18:57	2.857
Chloroform	<180		850	180	ug/Kg	☼	03/04/21 22:36	03/09/21 18:57	2.857
Chloromethane	<220		850	220	ug/Kg	☼	03/04/21 22:36	03/09/21 18:57	2.857
cis-1,2-Dichloroethene	<140		850	140	ug/Kg	☼	03/04/21 22:36	03/09/21 18:57	2.857
cis-1,3-Dichloropropene	<420		850	420	ug/Kg	☼	03/04/21 22:36	03/09/21 18:57	2.857
Dichlorobromomethane	<95		850	95	ug/Kg	☼	03/04/21 22:36	03/09/21 18:57	2.857
Dichlorodifluoromethane	<180		850	180	ug/Kg	☼	03/04/21 22:36	03/09/21 18:57	2.857
Ethylbenzene	<160		850	160	ug/Kg	☼	03/04/21 22:36	03/09/21 18:57	2.857
Ethylene Dibromide	<270		850	270	ug/Kg	☼	03/04/21 22:36	03/09/21 18:57	2.857
Naphthalene	<400		850	400	ug/Kg	☼	03/04/21 22:36	03/09/21 18:57	2.857
Isopropylbenzene	<130		850	130	ug/Kg	☼	03/04/21 22:36	03/09/21 18:57	2.857
2-Butanone (MEK)	<530		3400	530	ug/Kg	☼	03/04/21 22:36	03/09/21 18:57	2.857
4-Methyl-2-pentanone (MIBK)	<810		3400	810	ug/Kg	☼	03/04/21 22:36	03/09/21 18:57	2.857
Methyl tert-butyl ether	<130		850	130	ug/Kg	☼	03/04/21 22:36	03/09/21 18:57	2.857
Methylene Chloride	<1300		1700	1300	ug/Kg	☼	03/04/21 22:36	03/09/21 18:57	2.857
Styrene	<180		850	180	ug/Kg	☼	03/04/21 22:36	03/09/21 18:57	2.857
Tetrachloroethene	<330		850	330	ug/Kg	☼	03/04/21 22:36	03/09/21 18:57	2.857
Toluene	**1600**		850	820	ug/Kg	☼	03/04/21 22:36	03/09/21 18:57	2.857
trans-1,2-Dichloroethene	<210		850	210	ug/Kg	☼	03/04/21 22:36	03/09/21 18:57	2.857
trans-1,3-Dichloropropene	<360		850	360	ug/Kg	☼	03/04/21 22:36	03/09/21 18:57	2.857
Trichloroethene	**1100**		850	490	ug/Kg	☼	03/04/21 22:36	03/09/21 18:57	2.857
Trichlorofluoromethane	<470		850	470	ug/Kg	☼	03/04/21 22:36	03/09/21 18:57	2.857
Vinyl chloride	<420		850	420	ug/Kg	☼	03/04/21 22:36	03/09/21 18:57	2.857
Xylenes, Total	**420**	**J**	1700	310	ug/Kg	☼	03/04/21 22:36	03/09/21 18:57	2.857
Chlorodibromomethane	<400		850	400	ug/Kg	☼	03/04/21 22:36	03/09/21 18:57	2.857

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*103*		*47 - 136*	*03/04/21 22:36*	*03/09/21 18:57*	*2.857*
4-Bromofluorobenzene (Surr)	*96*		*51 - 124*	*03/04/21 22:36*	*03/09/21 18:57*	*2.857*

Client Sample ID: SB-54 (2-4)

Date Collected: 02/26/21 08:15
Date Received: 02/26/21 13:45

Lab Sample ID: 240-145104-14

Matrix: Solid
Percent Solids: 80.8

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Toluene-d8 (Surr)	*101*		*55 - 123*	*03/04/21 22:36*	*03/09/21 18:57*	*2.857*
Dibromofluoromethane (Surr)	*95*		*49 - 122*	*03/04/21 22:36*	*03/09/21 18:57*	*2.857*

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Solids	**80.8**		0.1	0.1	%			03/01/21 11:34	1
Percent Moisture	**19.2**		0.1	0.1	%			03/01/21 11:34	1

Client Sample Results

Client: TRC Environmental Corporation.
Project/Site: ABB 2019 \ 2020

Job ID: 240-145104-1

Client Sample ID: SB-54 (4-6)

Date Collected: 02/26/21 08:20
Date Received: 02/26/21 13:45

Lab Sample ID: 240-145104-15

Matrix: Solid
Percent Solids: 86.5

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	**110000**		5300	1700	ug/Kg	☼	03/04/21 22:36	03/10/21 23:21	20
1,1,2,2-Tetrachloroethane	<640		1100	640	ug/Kg	☼	03/04/21 22:36	03/09/21 19:22	4
1,1,2-Trichloroethane	<240		1100	240	ug/Kg	☼	03/04/21 22:36	03/09/21 19:22	4
1,1-Dichloroethane	**1200**		1100	200	ug/Kg	☼	03/04/21 22:36	03/09/21 19:22	4
1,1-Dichloroethene	**20000**		1100	350	ug/Kg	☼	03/04/21 22:36	03/09/21 19:22	4
1,2,4-Trichlorobenzene	<560		1100	560	ug/Kg	☼	03/04/21 22:36	03/09/21 19:22	4
1,2-Dibromo-3-Chloropropane	<940		2100	940	ug/Kg	☼	03/04/21 22:36	03/09/21 19:22	4
1,2-Dichlorobenzene	<510		1100	510	ug/Kg	☼	03/04/21 22:36	03/09/21 19:22	4
1,2-Dichloroethane	<200		1100	200	ug/Kg	☼	03/04/21 22:36	03/09/21 19:22	4
1,2-Dichloropropane	<160		1100	160	ug/Kg	☼	03/04/21 22:36	03/09/21 19:22	4
1,3-Dichlorobenzene	<190		1100	190	ug/Kg	☼	03/04/21 22:36	03/09/21 19:22	4
1,4-Dichlorobenzene	<230		1100	230	ug/Kg	☼	03/04/21 22:36	03/09/21 19:22	4
1,4-Dioxane	<9800		53000	9800	ug/Kg	☼	03/04/21 22:36	03/09/21 19:22	4
2-Hexanone	<1100		4200	1100	ug/Kg	☼	03/04/21 22:36	03/09/21 19:22	4
Acetone	<1000		4200	1000	ug/Kg	☼	03/04/21 22:36	03/09/21 19:22	4
Benzene	<180		1100	180	ug/Kg	☼	03/04/21 22:36	03/09/21 19:22	4
Bromoform	<970		1100	970	ug/Kg	☼	03/04/21 22:36	03/09/21 19:22	4
Bromomethane	<700		1100	700	ug/Kg	☼	03/04/21 22:36	03/09/21 19:22	4
Carbon disulfide	<460		1100	460	ug/Kg	☼	03/04/21 22:36	03/09/21 19:22	4
Carbon tetrachloride	<430		1100	430	ug/Kg	☼	03/04/21 22:36	03/09/21 19:22	4
Chlorobenzene	<150		1100	150	ug/Kg	☼	03/04/21 22:36	03/09/21 19:22	4
Chloroethane	<640		1100	640	ug/Kg	☼	03/04/21 22:36	03/09/21 19:22	4
Chloroform	<230		1100	230	ug/Kg	☼	03/04/21 22:36	03/09/21 19:22	4
Chloromethane	<280		1100	280	ug/Kg	☼	03/04/21 22:36	03/09/21 19:22	4
cis-1,2-Dichloroethene	<170		1100	170	ug/Kg	☼	03/04/21 22:36	03/09/21 19:22	4
cis-1,3-Dichloropropene	<530		1100	530	ug/Kg	☼	03/04/21 22:36	03/09/21 19:22	4
Dichlorobromomethane	<120		1100	120	ug/Kg	☼	03/04/21 22:36	03/09/21 19:22	4
Dichlorodifluoromethane	<220		1100	220	ug/Kg	☼	03/04/21 22:36	03/09/21 19:22	4
Ethylbenzene	<200		1100	200	ug/Kg	☼	03/04/21 22:36	03/09/21 19:22	4
Ethylene Dibromide	<330		1100	330	ug/Kg	☼	03/04/21 22:36	03/09/21 19:22	4
Naphthalene	<500		1100	500	ug/Kg	☼	03/04/21 22:36	03/09/21 19:22	4
Isopropylbenzene	<160		1100	160	ug/Kg	☼	03/04/21 22:36	03/09/21 19:22	4
2-Butanone (MEK)	<660		4200	660	ug/Kg	☼	03/04/21 22:36	03/09/21 19:22	4
4-Methyl-2-pentanone (MIBK)	<1000		4200	1000	ug/Kg	☼	03/04/21 22:36	03/09/21 19:22	4
Methyl tert-butyl ether	<160		1100	160	ug/Kg	☼	03/04/21 22:36	03/09/21 19:22	4
Methylene Chloride	<1600		2100	1600	ug/Kg	☼	03/04/21 22:36	03/09/21 19:22	4
Styrene	<220		1100	220	ug/Kg	☼	03/04/21 22:36	03/09/21 19:22	4
Tetrachloroethene	<410		1100	410	ug/Kg	☼	03/04/21 22:36	03/09/21 19:22	4
Toluene	<1000		1100	1000	ug/Kg	☼	03/04/21 22:36	03/09/21 19:22	4
trans-1,2-Dichloroethene	<260		1100	260	ug/Kg	☼	03/04/21 22:36	03/09/21 19:22	4
trans-1,3-Dichloropropene	<440		1100	440	ug/Kg	☼	03/04/21 22:36	03/09/21 19:22	4
Trichloroethene	**3000**		1100	610	ug/Kg	☼	03/04/21 22:36	03/09/21 19:22	4
Trichlorofluoromethane	<580		1100	580	ug/Kg	☼	03/04/21 22:36	03/09/21 19:22	4
Vinyl chloride	<520		1100	520	ug/Kg	☼	03/04/21 22:36	03/09/21 19:22	4
Xylenes, Total	<390		2100	390	ug/Kg	☼	03/04/21 22:36	03/09/21 19:22	4
Chlorodibromomethane	<500		1100	500	ug/Kg	☼	03/04/21 22:36	03/09/21 19:22	4

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*102*		*47 - 136*	*03/04/21 22:36*	*03/09/21 19:22*	*4*
1,2-Dichloroethane-d4 (Surr)	*114*		*47 - 136*	*03/04/21 22:36*	*03/10/21 23:21*	*20*

Client Sample Results

Client: TRC Environmental Corporation.
Project/Site: ABB 2019 \ 2020

Job ID: 240-145104-1

Client Sample ID: SB-54 (4-6)

Date Collected: 02/26/21 08:20
Date Received: 02/26/21 13:45

Lab Sample ID: 240-145104-15

Matrix: Solid
Percent Solids: 86.5

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*96*		*51 - 124*	*03/04/21 22:36*	*03/09/21 19:22*	*4*
4-Bromofluorobenzene (Surr)	*121*		*51 - 124*	*03/04/21 22:36*	*03/10/21 23:21*	*20*
Toluene-d8 (Surr)	*101*		*55 - 123*	*03/04/21 22:36*	*03/09/21 19:22*	*4*
Toluene-d8 (Surr)	*114*		*55 - 123*	*03/04/21 22:36*	*03/10/21 23:21*	*20*
Dibromofluoromethane (Surr)	*92*		*49 - 122*	*03/04/21 22:36*	*03/09/21 19:22*	*4*
Dibromofluoromethane (Surr)	*98*		*49 - 122*	*03/04/21 22:36*	*03/10/21 23:21*	*20*

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Solids	**86.5**		0.1	0.1	%			03/01/21 11:34	1
Percent Moisture	**13.5**		0.1	0.1	%			03/01/21 11:34	1

Client Sample Results

Client: TRC Environmental Corporation.
Project/Site: ABB 2019 \ 2020

Job ID: 240-145104-1

Client Sample ID: DUP-03

Date Collected: 02/25/21 00:00
Date Received: 02/26/21 13:45

Lab Sample ID: 240-145104-16

Matrix: Solid

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	**270**		190	59	ug/Kg		03/04/21 22:36	03/10/21 22:31	1
1,1,2,2-Tetrachloroethane	<110		190	110	ug/Kg		03/04/21 22:36	03/10/21 22:31	1
1,1,2-Trichloroethane	**55**	**J**	190	43	ug/Kg		03/04/21 22:36	03/10/21 22:31	1
1,1-Dichloroethane	**1200**		190	36	ug/Kg		03/04/21 22:36	03/10/21 22:31	1
1,1-Dichloroethene	**440**		190	62	ug/Kg		03/04/21 22:36	03/10/21 22:31	1
1,2,4-Trichlorobenzene	<100		190	100	ug/Kg		03/04/21 22:36	03/10/21 22:31	1
1,2-Dibromo-3-Chloropropane	<170		380	170	ug/Kg		03/04/21 22:36	03/10/21 22:31	1
1,2-Dichlorobenzene	<91		190	91	ug/Kg		03/04/21 22:36	03/10/21 22:31	1
1,2-Dichloroethane	<36		190	36	ug/Kg		03/04/21 22:36	03/10/21 22:31	1
1,2-Dichloropropane	<28		190	28	ug/Kg		03/04/21 22:36	03/10/21 22:31	1
1,3-Dichlorobenzene	<35		190	35	ug/Kg		03/04/21 22:36	03/10/21 22:31	1
1,4-Dichlorobenzene	<42		190	42	ug/Kg		03/04/21 22:36	03/10/21 22:31	1
1,4-Dioxane	<1800		9500	1800	ug/Kg		03/04/21 22:36	03/10/21 22:31	1
2-Hexanone	<200		760	200	ug/Kg		03/04/21 22:36	03/10/21 22:31	1
Acetone	**210**	**J B**	760	180	ug/Kg		03/04/21 22:36	03/10/21 22:31	1
Benzene	<32		190	32	ug/Kg		03/04/21 22:36	03/10/21 22:31	1
Bromoform	<170		190	170	ug/Kg		03/04/21 22:36	03/10/21 22:31	1
Bromomethane	<130		190	130	ug/Kg		03/04/21 22:36	03/10/21 22:31	1
Carbon disulfide	<82		190	82	ug/Kg		03/04/21 22:36	03/10/21 22:31	1
Carbon tetrachloride	<77		190	77	ug/Kg		03/04/21 22:36	03/10/21 22:31	1
Chlorobenzene	<27		190	27	ug/Kg		03/04/21 22:36	03/10/21 22:31	1
Chloroethane	<110		190	110	ug/Kg		03/04/21 22:36	03/10/21 22:31	1
Chloroform	<41		190	41	ug/Kg		03/04/21 22:36	03/10/21 22:31	1
Chloromethane	<50		190	50	ug/Kg		03/04/21 22:36	03/10/21 22:31	1
cis-1,2-Dichloroethene	**560**		190	30	ug/Kg		03/04/21 22:36	03/10/21 22:31	1
cis-1,3-Dichloropropene	<94		190	94	ug/Kg		03/04/21 22:36	03/10/21 22:31	1
Dichlorobromomethane	<21		190	21	ug/Kg		03/04/21 22:36	03/10/21 22:31	1
Dichlorodifluoromethane	<40		190	40	ug/Kg		03/04/21 22:36	03/10/21 22:31	1
Ethylbenzene	**170**	**J**	190	36	ug/Kg		03/04/21 22:36	03/10/21 22:31	1
Ethylene Dibromide	<60		190	60	ug/Kg		03/04/21 22:36	03/10/21 22:31	1
Naphthalene	<89		190	89	ug/Kg		03/04/21 22:36	03/10/21 22:31	1
Isopropylbenzene	<29		190	29	ug/Kg		03/04/21 22:36	03/10/21 22:31	1
2-Butanone (MEK)	<120		760	120	ug/Kg		03/04/21 22:36	03/10/21 22:31	1
4-Methyl-2-pentanone (MIBK)	<180		760	180	ug/Kg		03/04/21 22:36	03/10/21 22:31	1
Methyl tert-butyl ether	<28		190	28	ug/Kg		03/04/21 22:36	03/10/21 22:31	1
Methylene Chloride	<290		380	290	ug/Kg		03/04/21 22:36	03/10/21 22:31	1
Styrene	<39		190	39	ug/Kg		03/04/21 22:36	03/10/21 22:31	1
Tetrachloroethene	**95**	**J**	190	74	ug/Kg		03/04/21 22:36	03/10/21 22:31	1
Toluene	**1200**		190	180	ug/Kg		03/04/21 22:36	03/10/21 22:31	1
trans-1,2-Dichloroethene	<47		190	47	ug/Kg		03/04/21 22:36	03/10/21 22:31	1
trans-1,3-Dichloropropene	<80		190	80	ug/Kg		03/04/21 22:36	03/10/21 22:31	1
Trichloroethene	**600**		190	110	ug/Kg		03/04/21 22:36	03/10/21 22:31	1
Trichlorofluoromethane	<100		190	100	ug/Kg		03/04/21 22:36	03/10/21 22:31	1
Vinyl chloride	<93		190	93	ug/Kg		03/04/21 22:36	03/10/21 22:31	1
Xylenes, Total	**840**		380	69	ug/Kg		03/04/21 22:36	03/10/21 22:31	1
Chlorodibromomethane	<89		190	89	ug/Kg		03/04/21 22:36	03/10/21 22:31	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*74*		*47 - 136*	*03/04/21 22:36*	*03/10/21 22:31*	*1*
4-Bromofluorobenzene (Surr)	*84*		*51 - 124*	*03/04/21 22:36*	*03/10/21 22:31*	*1*

Client: TRC Environmental Corporation.
Project/Site: ABB 2019 \ 2020

Job ID: 240-145104-1

Client Sample ID: DUP-03

Date Collected: 02/25/21 00:00
Date Received: 02/26/21 13:45

Lab Sample ID: 240-145104-16

Matrix: Solid

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
Toluene-d8 (Surr)	79		55 - 123	03/04/21 22:36	03/10/21 22:31	1
Dibromofluoromethane (Surr)	67		49 - 122	03/04/21 22:36	03/10/21 22:31	1

Client Sample Results

Client: TRC Environmental Corporation.
Project/Site: ABB 2019 \ 2020

Job ID: 240-145104-1

Client Sample ID: DUP-04

Date Collected: 02/25/21 00:00
Date Received: 02/26/21 13:45

Lab Sample ID: 240-145104-17

Matrix: Solid
Percent Solids: 75.5

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	**92**		27	23	ug/Kg	☼	02/26/21 18:05	03/11/21 00:37	1
Benzene	<0.76		5.4	0.76	ug/Kg	☼	02/26/21 18:05	03/11/21 00:37	1
Bromoform	<2.6		5.4	2.6	ug/Kg	☼	02/26/21 18:05	03/11/21 00:37	1
Bromomethane	<1.1		5.4	1.1	ug/Kg	☼	02/26/21 18:05	03/11/21 00:37	1
2-Butanone (MEK)	**13**	**J**	22	3.8	ug/Kg	☼	02/26/21 18:05	03/11/21 00:37	1
Carbon disulfide	<1.3		5.4	1.3	ug/Kg	☼	02/26/21 18:05	03/11/21 00:37	1
Carbon tetrachloride	<3.5		5.4	3.5	ug/Kg	☼	02/26/21 18:05	03/11/21 00:37	1
Chlorobenzene	<0.99		5.4	0.99	ug/Kg	☼	02/26/21 18:05	03/11/21 00:37	1
Chlorodibromomethane	<3.0		5.4	3.0	ug/Kg	☼	02/26/21 18:05	03/11/21 00:37	1
Chloroethane	**1.4**	**J**	5.4	1.3	ug/Kg	☼	02/26/21 18:05	03/11/21 00:37	1
Chloroform	<0.85		5.4	0.85	ug/Kg	☼	02/26/21 18:05	03/11/21 00:37	1
Chloromethane	<1.1		5.4	1.1	ug/Kg	☼	02/26/21 18:05	03/11/21 00:37	1
cis-1,2-Dichloroethene	**11**		5.4	0.70	ug/Kg	☼	02/26/21 18:05	03/11/21 00:37	1
cis-1,3-Dichloropropene	<1.6		5.4	1.6	ug/Kg	☼	02/26/21 18:05	03/11/21 00:37	1
1,2-Dibromo-3-Chloropropane	<3.9		11	3.9	ug/Kg	☼	02/26/21 18:05	03/11/21 00:37	1
1,2-Dichlorobenzene	<1.2		5.4	1.2	ug/Kg	☼	02/26/21 18:05	03/11/21 00:37	1
1,3-Dichlorobenzene	<0.88		5.4	0.88	ug/Kg	☼	02/26/21 18:05	03/11/21 00:37	1
1,4-Dichlorobenzene	<0.96		5.4	0.96	ug/Kg	☼	02/26/21 18:05	03/11/21 00:37	1
Dichlorobromomethane	<0.74		5.4	0.74	ug/Kg	☼	02/26/21 18:05	03/11/21 00:37	1
Dichlorodifluoromethane	<1.0		5.4	1.0	ug/Kg	☼	02/26/21 18:05	03/11/21 00:37	1
1,1-Dichloroethane	**240**		5.4	0.75	ug/Kg	☼	02/26/21 18:05	03/11/21 00:37	1
1,2-Dichloroethane	**1.3**	**J**	5.4	0.84	ug/Kg	☼	02/26/21 18:05	03/11/21 00:37	1
1,1-Dichloroethene	**57**		5.4	0.98	ug/Kg	☼	02/26/21 18:05	03/11/21 00:37	1
1,2-Dichloropropane	<0.92		5.4	0.92	ug/Kg	☼	02/26/21 18:05	03/11/21 00:37	1
1,4-Dioxane	**120**	**J**	270	24	ug/Kg	☼	02/26/21 18:05	03/11/21 00:37	1
Ethylbenzene	<1.1		5.4	1.1	ug/Kg	☼	02/26/21 18:05	03/11/21 00:37	1
Ethylene Dibromide	<0.83		5.4	0.83	ug/Kg	☼	02/26/21 18:05	03/11/21 00:37	1
2-Hexanone	<4.4		22	4.4	ug/Kg	☼	02/26/21 18:05	03/11/21 00:37	1
Isopropylbenzene	<0.90		5.4	0.90	ug/Kg	☼	02/26/21 18:05	03/11/21 00:37	1
Methylene Chloride	<13		27	13	ug/Kg	☼	02/26/21 18:05	03/11/21 00:37	1
4-Methyl-2-pentanone (MIBK)	<4.0	*+	22	4.0	ug/Kg	☼	02/26/21 18:05	03/11/21 00:37	1
Methyl tert-butyl ether	<0.89		5.4	0.89	ug/Kg	☼	02/26/21 18:05	03/11/21 00:37	1
Styrene	<1.3		5.4	1.3	ug/Kg	☼	02/26/21 18:05	03/11/21 00:37	1
1,1,2,2-Tetrachloroethane	<1.5		5.4	1.5	ug/Kg	☼	02/26/21 18:05	03/11/21 00:37	1
Tetrachloroethene	**1.7**	**J**	5.4	0.79	ug/Kg	☼	02/26/21 18:05	03/11/21 00:37	1
Toluene	**4.4**	**J**	5.4	0.84	ug/Kg	☼	02/26/21 18:05	03/11/21 00:37	1
trans-1,2-Dichloroethene	**0.93**	**J**	5.4	0.50	ug/Kg	☼	02/26/21 18:05	03/11/21 00:37	1
trans-1,3-Dichloropropene	<1.1		5.4	1.1	ug/Kg	☼	02/26/21 18:05	03/11/21 00:37	1
1,2,4-Trichlorobenzene	<0.62		5.4	0.62	ug/Kg	☼	02/26/21 18:05	03/11/21 00:37	1
1,1,1-Trichloroethane	<0.89		5.4	0.89	ug/Kg	☼	02/26/21 18:05	03/11/21 00:37	1
1,1,2-Trichloroethane	<1.2		5.4	1.2	ug/Kg	☼	02/26/21 18:05	03/11/21 00:37	1
Trichloroethene	**7.9**		5.4	0.69	ug/Kg	☼	02/26/21 18:05	03/11/21 00:37	1
Trichlorofluoromethane	<1.2		5.4	1.2	ug/Kg	☼	02/26/21 18:05	03/11/21 00:37	1
Vinyl chloride	**29**		5.4	0.91	ug/Kg	☼	02/26/21 18:05	03/11/21 00:37	1
Xylenes, Total	**3.1**	**J**	11	1.7	ug/Kg	☼	02/26/21 18:05	03/11/21 00:37	1
Naphthalene	<2.9		5.4	2.9	ug/Kg	☼	02/26/21 18:05	03/11/21 00:37	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*112*		*51 - 127*	*02/26/21 18:05*	*03/11/21 00:37*	*1*
Dibromofluoromethane (Surr)	*90*		*56 - 122*	*02/26/21 18:05*	*03/11/21 00:37*	*1*

Client: TRC Environmental Corporation.
Project/Site: ABB 2019 \ 2020

Job ID: 240-145104-1

Client Sample ID: DUP-04

Date Collected: 02/25/21 00:00
Date Received: 02/26/21 13:45

Lab Sample ID: 240-145104-17

Matrix: Solid
Percent Solids: 75.5

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*95*		*59 - 120*	*02/26/21 18:05*	*03/11/21 00:37*	*1*
Toluene-d8 (Surr)	*103*		*64 - 124*	*02/26/21 18:05*	*03/11/21 00:37*	*1*

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Solids	**75.5**		0.1	0.1	%			03/01/21 11:34	1
Percent Moisture	**24.5**		0.1	0.1	%			03/01/21 11:34	1

Client Sample Results

Client: TRC Environmental Corporation.
Project/Site: ABB 2019 \ 2020

Job ID: 240-145104-1

Client Sample ID: WCA03-01 (0-2)

Date Collected: 02/25/21 15:35
Date Received: 02/26/21 13:45

Lab Sample ID: 240-145104-18

Matrix: Solid
Percent Solids: 90.3

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	**210**	**J**	220	68	ug/Kg	☼	03/04/21 22:36	03/09/21 20:38	1
1,1,2,2-Tetrachloroethane	<130		220	130	ug/Kg	☼	03/04/21 22:36	03/09/21 20:38	1
1,1,2-Trichloroethane	<50		220	50	ug/Kg	☼	03/04/21 22:36	03/09/21 20:38	1
1,1-Dichloroethane	<42		220	42	ug/Kg	☼	03/04/21 22:36	03/09/21 20:38	1
1,1-Dichloroethene	<72		220	72	ug/Kg	☼	03/04/21 22:36	03/09/21 20:38	1
1,2,4-Trichlorobenzene	<120		220	120	ug/Kg	☼	03/04/21 22:36	03/09/21 20:38	1
1,2-Dibromo-3-Chloropropane	<190		440	190	ug/Kg	☼	03/04/21 22:36	03/09/21 20:38	1
1,2-Dichlorobenzene	<100		220	100	ug/Kg	☼	03/04/21 22:36	03/09/21 20:38	1
1,2-Dichloroethane	<41		220	41	ug/Kg	☼	03/04/21 22:36	03/09/21 20:38	1
1,2-Dichloropropane	<32		220	32	ug/Kg	☼	03/04/21 22:36	03/09/21 20:38	1
1,3-Dichlorobenzene	<40		220	40	ug/Kg	☼	03/04/21 22:36	03/09/21 20:38	1
1,4-Dichlorobenzene	<48		220	48	ug/Kg	☼	03/04/21 22:36	03/09/21 20:38	1
1,4-Dioxane	<2000		11000	2000	ug/Kg	☼	03/04/21 22:36	03/09/21 20:38	1
2-Hexanone	<230		870	230	ug/Kg	☼	03/04/21 22:36	03/09/21 20:38	1
Acetone	<210		870	210	ug/Kg	☼	03/04/21 22:36	03/09/21 20:38	1
Benzene	<37		220	37	ug/Kg	☼	03/04/21 22:36	03/09/21 20:38	1
Bromoform	<200		220	200	ug/Kg	☼	03/04/21 22:36	03/09/21 20:38	1
Bromomethane	<150		220	150	ug/Kg	☼	03/04/21 22:36	03/09/21 20:38	1
Carbon disulfide	<94		220	94	ug/Kg	☼	03/04/21 22:36	03/09/21 20:38	1
Carbon tetrachloride	<89		220	89	ug/Kg	☼	03/04/21 22:36	03/09/21 20:38	1
Chlorobenzene	<31		220	31	ug/Kg	☼	03/04/21 22:36	03/09/21 20:38	1
Chloroethane	<130		220	130	ug/Kg	☼	03/04/21 22:36	03/09/21 20:38	1
Chloroform	<47		220	47	ug/Kg	☼	03/04/21 22:36	03/09/21 20:38	1
Chloromethane	<58		220	58	ug/Kg	☼	03/04/21 22:36	03/09/21 20:38	1
cis-1,2-Dichloroethene	<35		220	35	ug/Kg	☼	03/04/21 22:36	03/09/21 20:38	1
cis-1,3-Dichloropropene	<110		220	110	ug/Kg	☼	03/04/21 22:36	03/09/21 20:38	1
Dichlorobromomethane	<24		220	24	ug/Kg	☼	03/04/21 22:36	03/09/21 20:38	1
Dichlorodifluoromethane	<46		220	46	ug/Kg	☼	03/04/21 22:36	03/09/21 20:38	1
Ethylbenzene	<41		220	41	ug/Kg	☼	03/04/21 22:36	03/09/21 20:38	1
Ethylene Dibromide	<69		220	69	ug/Kg	☼	03/04/21 22:36	03/09/21 20:38	1
Naphthalene	<100		220	100	ug/Kg	☼	03/04/21 22:36	03/09/21 20:38	1
Isopropylbenzene	<33		220	33	ug/Kg	☼	03/04/21 22:36	03/09/21 20:38	1
2-Butanone (MEK)	<140		870	140	ug/Kg	☼	03/04/21 22:36	03/09/21 20:38	1
4-Methyl-2-pentanone (MIBK)	<210		870	210	ug/Kg	☼	03/04/21 22:36	03/09/21 20:38	1
Methyl tert-butyl ether	<32		220	32	ug/Kg	☼	03/04/21 22:36	03/09/21 20:38	1
Methylene Chloride	<340		440	340	ug/Kg	☼	03/04/21 22:36	03/09/21 20:38	1
Styrene	<45		220	45	ug/Kg	☼	03/04/21 22:36	03/09/21 20:38	1
Tetrachloroethene	**470**		220	85	ug/Kg	☼	03/04/21 22:36	03/09/21 20:38	1
Toluene	<210		220	210	ug/Kg	☼	03/04/21 22:36	03/09/21 20:38	1
trans-1,2-Dichloroethene	<54		220	54	ug/Kg	☼	03/04/21 22:36	03/09/21 20:38	1
trans-1,3-Dichloropropene	<92		220	92	ug/Kg	☼	03/04/21 22:36	03/09/21 20:38	1
Trichloroethene	<130		220	130	ug/Kg	☼	03/04/21 22:36	03/09/21 20:38	1
Trichlorofluoromethane	<120		220	120	ug/Kg	☼	03/04/21 22:36	03/09/21 20:38	1
Vinyl chloride	<110		220	110	ug/Kg	☼	03/04/21 22:36	03/09/21 20:38	1
Xylenes, Total	<80		440	80	ug/Kg	☼	03/04/21 22:36	03/09/21 20:38	1
Chlorodibromomethane	<100		220	100	ug/Kg	☼	03/04/21 22:36	03/09/21 20:38	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*106*		*47 - 136*	*03/04/21 22:36*	*03/09/21 20:38*	*1*
4-Bromofluorobenzene (Surr)	*102*		*51 - 124*	*03/04/21 22:36*	*03/09/21 20:38*	*1*

Client: TRC Environmental Corporation.
Project/Site: ABB 2019 \ 2020

Job ID: 240-145104-1

Client Sample ID: WCA03-01 (0-2)

Date Collected: 02/25/21 15:35
Date Received: 02/26/21 13:45

Lab Sample ID: 240-145104-18

Matrix: Solid
Percent Solids: 90.3

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Toluene-d8 (Surr)	*105*		*55 - 123*	*03/04/21 22:36*	*03/09/21 20:38*	*1*
Dibromofluoromethane (Surr)	*89*		*49 - 122*	*03/04/21 22:36*	*03/09/21 20:38*	*1*

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Solids	**90.3**		0.1	0.1	%			03/01/21 11:34	1
Percent Moisture	**9.7**		0.1	0.1	%			03/01/21 11:34	1

Client Sample Results

Client: TRC Environmental Corporation.
Project/Site: ABB 2019 \ 2020

Job ID: 240-145104-1

Client Sample ID: WCA03-01 (2-4)

Date Collected: 02/25/21 15:45
Date Received: 02/26/21 13:45

Lab Sample ID: 240-145104-19

Matrix: Solid
Percent Solids: 90.5

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	**2100**		230	71	ug/Kg	☼	03/04/21 22:36	03/09/21 21:03	1
1,1,2,2-Tetrachloroethane	<140		230	140	ug/Kg	☼	03/04/21 22:36	03/09/21 21:03	1
1,1,2-Trichloroethane	**59**	**J**	230	52	ug/Kg	☼	03/04/21 22:36	03/09/21 21:03	1
1,1-Dichloroethane	**590**		230	43	ug/Kg	☼	03/04/21 22:36	03/09/21 21:03	1
1,1-Dichloroethene	<74		230	74	ug/Kg	☼	03/04/21 22:36	03/09/21 21:03	1
1,2,4-Trichlorobenzene	<120		230	120	ug/Kg	☼	03/04/21 22:36	03/09/21 21:03	1
1,2-Dibromo-3-Chloropropane	<200		450	200	ug/Kg	☼	03/04/21 22:36	03/09/21 21:03	1
1,2-Dichlorobenzene	<110		230	110	ug/Kg	☼	03/04/21 22:36	03/09/21 21:03	1
1,2-Dichloroethane	<43		230	43	ug/Kg	☼	03/04/21 22:36	03/09/21 21:03	1
1,2-Dichloropropane	<33		230	33	ug/Kg	☼	03/04/21 22:36	03/09/21 21:03	1
1,3-Dichlorobenzene	<42		230	42	ug/Kg	☼	03/04/21 22:36	03/09/21 21:03	1
1,4-Dichlorobenzene	<50		230	50	ug/Kg	☼	03/04/21 22:36	03/09/21 21:03	1
1,4-Dioxane	<2100		11000	2100	ug/Kg	☼	03/04/21 22:36	03/09/21 21:03	1
2-Hexanone	<240		900	240	ug/Kg	☼	03/04/21 22:36	03/09/21 21:03	1
Acetone	<220		900	220	ug/Kg	☼	03/04/21 22:36	03/09/21 21:03	1
Benzene	<38		230	38	ug/Kg	☼	03/04/21 22:36	03/09/21 21:03	1
Bromoform	<210		230	210	ug/Kg	☼	03/04/21 22:36	03/09/21 21:03	1
Bromomethane	<150		230	150	ug/Kg	☼	03/04/21 22:36	03/09/21 21:03	1
Carbon disulfide	<98		230	98	ug/Kg	☼	03/04/21 22:36	03/09/21 21:03	1
Carbon tetrachloride	<92		230	92	ug/Kg	☼	03/04/21 22:36	03/09/21 21:03	1
Chlorobenzene	<32		230	32	ug/Kg	☼	03/04/21 22:36	03/09/21 21:03	1
Chloroethane	<140		230	140	ug/Kg	☼	03/04/21 22:36	03/09/21 21:03	1
Chloroform	<49		230	49	ug/Kg	☼	03/04/21 22:36	03/09/21 21:03	1
Chloromethane	<60		230	60	ug/Kg	☼	03/04/21 22:36	03/09/21 21:03	1
cis-1,2-Dichloroethene	**220**	**J**	230	36	ug/Kg	☼	03/04/21 22:36	03/09/21 21:03	1
cis-1,3-Dichloropropene	<110		230	110	ug/Kg	☼	03/04/21 22:36	03/09/21 21:03	1
Dichlorobromomethane	<25		230	25	ug/Kg	☼	03/04/21 22:36	03/09/21 21:03	1
Dichlorodifluoromethane	<48		230	48	ug/Kg	☼	03/04/21 22:36	03/09/21 21:03	1
Ethylbenzene	<43		230	43	ug/Kg	☼	03/04/21 22:36	03/09/21 21:03	1
Ethylene Dibromide	<71		230	71	ug/Kg	☼	03/04/21 22:36	03/09/21 21:03	1
Naphthalene	<110		230	110	ug/Kg	☼	03/04/21 22:36	03/09/21 21:03	1
Isopropylbenzene	<34		230	34	ug/Kg	☼	03/04/21 22:36	03/09/21 21:03	1
2-Butanone (MEK)	<140		900	140	ug/Kg	☼	03/04/21 22:36	03/09/21 21:03	1
4-Methyl-2-pentanone (MIBK)	<220		900	220	ug/Kg	☼	03/04/21 22:36	03/09/21 21:03	1
Methyl tert-butyl ether	<33		230	33	ug/Kg	☼	03/04/21 22:36	03/09/21 21:03	1
Methylene Chloride	<350		450	350	ug/Kg	☼	03/04/21 22:36	03/09/21 21:03	1
Styrene	<47		230	47	ug/Kg	☼	03/04/21 22:36	03/09/21 21:03	1
Tetrachloroethene	**4200**		230	88	ug/Kg	☼	03/04/21 22:36	03/09/21 21:03	1
Toluene	<220		230	220	ug/Kg	☼	03/04/21 22:36	03/09/21 21:03	1
trans-1,2-Dichloroethene	<56		230	56	ug/Kg	☼	03/04/21 22:36	03/09/21 21:03	1
trans-1,3-Dichloropropene	<95		230	95	ug/Kg	☼	03/04/21 22:36	03/09/21 21:03	1
Trichloroethene	**230**		230	130	ug/Kg	☼	03/04/21 22:36	03/09/21 21:03	1
Trichlorofluoromethane	<120		230	120	ug/Kg	☼	03/04/21 22:36	03/09/21 21:03	1
Vinyl chloride	<110		230	110	ug/Kg	☼	03/04/21 22:36	03/09/21 21:03	1
Xylenes, Total	**580**		450	82	ug/Kg	☼	03/04/21 22:36	03/09/21 21:03	1
Chlorodibromomethane	<110		230	110	ug/Kg	☼	03/04/21 22:36	03/09/21 21:03	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*104*		*47 - 136*	*03/04/21 22:36*	*03/09/21 21:03*	*1*
4-Bromofluorobenzene (Surr)	*101*		*51 - 124*	*03/04/21 22:36*	*03/09/21 21:03*	*1*

Client: TRC Environmental Corporation.
Project/Site: ABB 2019 \ 2020

Job ID: 240-145104-1

Client Sample ID: WCA03-01 (2-4)

Date Collected: 02/25/21 15:45
Date Received: 02/26/21 13:45

Lab Sample ID: 240-145104-19

Matrix: Solid
Percent Solids: 90.5

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Toluene-d8 (Surr)	*103*		*55 - 123*	*03/04/21 22:36*	*03/09/21 21:03*	*1*
Dibromofluoromethane (Surr)	*91*		*49 - 122*	*03/04/21 22:36*	*03/09/21 21:03*	*1*

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Solids	**90.5**		0.1	0.1	%			03/01/21 11:34	1
Percent Moisture	**9.5**		0.1	0.1	%			03/01/21 11:34	1

Client Sample Results

Client: TRC Environmental Corporation.
Project/Site: ABB 2019 \ 2020

Job ID: 240-145104-1

Client Sample ID: WCA03-01 (4-6)

Date Collected: 02/25/21 15:50
Date Received: 02/26/21 13:45

Lab Sample ID: 240-145104-20

Matrix: Solid
Percent Solids: 79.4

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	**210**	**J**	300	95	ug/Kg	☼	03/04/21 22:36	03/09/21 21:29	1
1,1,2,2-Tetrachloroethane	<180		300	180	ug/Kg	☼	03/04/21 22:36	03/09/21 21:29	1
1,1,2-Trichloroethane	<69		300	69	ug/Kg	☼	03/04/21 22:36	03/09/21 21:29	1
1,1-Dichloroethane	**1900**		300	58	ug/Kg	☼	03/04/21 22:36	03/09/21 21:29	1
1,1-Dichloroethene	**650**		300	100	ug/Kg	☼	03/04/21 22:36	03/09/21 21:29	1
1,2,4-Trichlorobenzene	<160		300	160	ug/Kg	☼	03/04/21 22:36	03/09/21 21:29	1
1,2-Dibromo-3-Chloropropane	<270		610	270	ug/Kg	☼	03/04/21 22:36	03/09/21 21:29	1
1,2-Dichlorobenzene	<150		300	150	ug/Kg	☼	03/04/21 22:36	03/09/21 21:29	1
1,2-Dichloroethane	<57		300	57	ug/Kg	☼	03/04/21 22:36	03/09/21 21:29	1
1,2-Dichloropropane	<45		300	45	ug/Kg	☼	03/04/21 22:36	03/09/21 21:29	1
1,3-Dichlorobenzene	<56		300	56	ug/Kg	☼	03/04/21 22:36	03/09/21 21:29	1
1,4-Dichlorobenzene	<67		300	67	ug/Kg	☼	03/04/21 22:36	03/09/21 21:29	1
1,4-Dioxane	<2800		15000	2800	ug/Kg	☼	03/04/21 22:36	03/09/21 21:29	1
2-Hexanone	<320		1200	320	ug/Kg	☼	03/04/21 22:36	03/09/21 21:29	1
Acetone	**330**	**J B**	1200	300	ug/Kg	☼	03/04/21 22:36	03/09/21 21:29	1
Benzene	<51		300	51	ug/Kg	☼	03/04/21 22:36	03/09/21 21:29	1
Bromoform	<280		300	280	ug/Kg	☼	03/04/21 22:36	03/09/21 21:29	1
Bromomethane	<200		300	200	ug/Kg	☼	03/04/21 22:36	03/09/21 21:29	1
Carbon disulfide	<130		300	130	ug/Kg	☼	03/04/21 22:36	03/09/21 21:29	1
Carbon tetrachloride	<120		300	120	ug/Kg	☼	03/04/21 22:36	03/09/21 21:29	1
Chlorobenzene	<43		300	43	ug/Kg	☼	03/04/21 22:36	03/09/21 21:29	1
Chloroethane	<180		300	180	ug/Kg	☼	03/04/21 22:36	03/09/21 21:29	1
Chloroform	<66		300	66	ug/Kg	☼	03/04/21 22:36	03/09/21 21:29	1
Chloromethane	<80		300	80	ug/Kg	☼	03/04/21 22:36	03/09/21 21:29	1
cis-1,2-Dichloroethene	**830**		300	49	ug/Kg	☼	03/04/21 22:36	03/09/21 21:29	1
cis-1,3-Dichloropropene	<150		300	150	ug/Kg	☼	03/04/21 22:36	03/09/21 21:29	1
Dichlorobromomethane	<34		300	34	ug/Kg	☼	03/04/21 22:36	03/09/21 21:29	1
Dichlorodifluoromethane	<65		300	65	ug/Kg	☼	03/04/21 22:36	03/09/21 21:29	1
Ethylbenzene	**260**	**J**	300	57	ug/Kg	☼	03/04/21 22:36	03/09/21 21:29	1
Ethylene Dibromide	<96		300	96	ug/Kg	☼	03/04/21 22:36	03/09/21 21:29	1
Naphthalene	<140		300	140	ug/Kg	☼	03/04/21 22:36	03/09/21 21:29	1
Isopropylbenzene	<46		300	46	ug/Kg	☼	03/04/21 22:36	03/09/21 21:29	1
2-Butanone (MEK)	<190		1200	190	ug/Kg	☼	03/04/21 22:36	03/09/21 21:29	1
4-Methyl-2-pentanone (MIBK)	<290		1200	290	ug/Kg	☼	03/04/21 22:36	03/09/21 21:29	1
Methyl tert-butyl ether	<45		300	45	ug/Kg	☼	03/04/21 22:36	03/09/21 21:29	1
Methylene Chloride	<470		610	470	ug/Kg	☼	03/04/21 22:36	03/09/21 21:29	1
Styrene	<63		300	63	ug/Kg	☼	03/04/21 22:36	03/09/21 21:29	1
Tetrachloroethene	**120**	**J**	300	120	ug/Kg	☼	03/04/21 22:36	03/09/21 21:29	1
Toluene	**1700**		300	290	ug/Kg	☼	03/04/21 22:36	03/09/21 21:29	1
trans-1,2-Dichloroethene	<75		300	75	ug/Kg	☼	03/04/21 22:36	03/09/21 21:29	1
trans-1,3-Dichloropropene	<130		300	130	ug/Kg	☼	03/04/21 22:36	03/09/21 21:29	1
Trichloroethene	**650**		300	170	ug/Kg	☼	03/04/21 22:36	03/09/21 21:29	1
Trichlorofluoromethane	<170		300	170	ug/Kg	☼	03/04/21 22:36	03/09/21 21:29	1
Vinyl chloride	<150		300	150	ug/Kg	☼	03/04/21 22:36	03/09/21 21:29	1
Xylenes, Total	**1400**		610	110	ug/Kg	☼	03/04/21 22:36	03/09/21 21:29	1
Chlorodibromomethane	<140		300	140	ug/Kg	☼	03/04/21 22:36	03/09/21 21:29	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*102*		*47 - 136*	*03/04/21 22:36*	*03/09/21 21:29*	*1*
4-Bromofluorobenzene (Surr)	*99*		*51 - 124*	*03/04/21 22:36*	*03/09/21 21:29*	*1*

Client: TRC Environmental Corporation.
Project/Site: ABB 2019 \ 2020

Job ID: 240-145104-1

Client Sample ID: WCA03-01 (4-6)

Lab Sample ID: 240-145104-20

Date Collected: 02/25/21 15:50
Date Received: 02/26/21 13:45

Matrix: Solid
Percent Solids: 79.4

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Toluene-d8 (Surr)	*101*		*55 - 123*	*03/04/21 22:36*	*03/09/21 21:29*	*1*
Dibromofluoromethane (Surr)	*88*		*49 - 122*	*03/04/21 22:36*	*03/09/21 21:29*	*1*

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Solids	**79.4**		0.1	0.1	%			03/01/21 11:34	1
Percent Moisture	**20.6**		0.1	0.1	%			03/01/21 11:34	1

Client Sample Results

Client: TRC Environmental Corporation.
Project/Site: ABB 2019 \ 2020

Job ID: 240-145104-1

Client Sample ID: WCA03-01

Date Collected: 02/25/21 16:00
Date Received: 02/26/21 13:45

Lab Sample ID: 240-145104-21

Matrix: Solid

Method: 8260B - Volatile Organic Compounds (GC/MS) - TCLP

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1-Dichloroethene	<0.00019		0.025	0.00019	mg/L			03/09/21 22:41	1
1,2-Dichloroethane	<0.00021		0.025	0.00021	mg/L			03/09/21 22:41	1
2-Butanone (MEK)	<0.0012		0.25	0.0012	mg/L			03/09/21 22:41	1
Benzene	<0.00013		0.025	0.00013	mg/L			03/09/21 22:41	1
Carbon tetrachloride	<0.00026		0.025	0.00026	mg/L			03/09/21 22:41	1
Chlorobenzene	<0.00014		0.025	0.00014	mg/L			03/09/21 22:41	1
Chloroform	<0.00013		0.025	0.00013	mg/L			03/09/21 22:41	1
Tetrachloroethene	**0.031**		0.025	0.00015	mg/L			03/09/21 22:41	1
Trichloroethene	**0.095**		0.025	0.00010	mg/L			03/09/21 22:41	1
Vinyl chloride	<0.00020		0.025	0.00020	mg/L			03/09/21 22:41	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*98*		*74 - 124*		*03/09/21 22:41*	*1*
4-Bromofluorobenzene (Surr)	*104*		*77 - 120*		*03/09/21 22:41*	*1*
Toluene-d8 (Surr)	*101*		*80 - 120*		*03/09/21 22:41*	*1*
Dibromofluoromethane (Surr)	*89*		*80 - 120*		*03/09/21 22:41*	*1*

Method: 6010B - Metals (ICP) - TCLP

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	**0.0091**	**J**	0.050	0.0041	mg/L		03/04/21 14:00	03/05/21 15:10	1
Barium	**0.26**	**J B**	0.50	0.0013	mg/L		03/04/21 14:00	03/05/21 15:10	1
Cadmium	<0.00020		0.050	0.00020	mg/L		03/04/21 14:00	03/05/21 15:10	1
Chromium	**0.0030**	**J B**	0.050	0.00063	mg/L		03/04/21 14:00	03/05/21 15:10	1
Lead	**0.0061**	**J**	0.050	0.0028	mg/L		03/04/21 14:00	03/05/21 15:10	1
Selenium	<0.0060		0.050	0.0060	mg/L		03/04/21 14:00	03/05/21 15:10	1
Silver	<0.00062		0.050	0.00062	mg/L		03/04/21 14:00	03/05/21 15:10	1

Method: 7470A - Mercury (CVAA) - TCLP

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.00013		0.0020	0.00013	mg/L		03/04/21 14:00	03/05/21 16:54	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Flashpoint	**>200**		1.00	1.00	Degrees F			03/10/21 13:34	1
pH	**5.2**	**HF**	0.1	0.1	SU			03/04/21 13:01	1
Corrosivity	**5.2**	**HF**	0.1	0.1	SU			03/04/21 13:01	1
Percent Solids	**85.4**		0.1	0.1	%			03/03/21 19:10	1
Percent Moisture	**14.6**		0.1	0.1	%			03/03/21 19:10	1

Client Sample Results

Client: TRC Environmental Corporation.
Project/Site: ABB 2019 \ 2020

Job ID: 240-145104-1

Client Sample ID: WCA03-01

Date Collected: 02/25/21 16:00
Date Received: 02/26/21 13:45

Lab Sample ID: 240-145104-21

Matrix: Solid
Percent Solids: 85.4

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cyanide, Total	<0.23		0.61	0.23	mg/Kg	☼	03/04/21 20:09	03/04/21 22:15	1
Sulfide	<17		35	17	mg/Kg	☼	03/03/21 08:51	03/03/21 12:43	1
Sulfide as H2S	<17		35	17	mg/Kg	☼	03/03/21 08:51	03/03/21 12:43	1

Client Sample Results

Client: TRC Environmental Corporation.
Project/Site: ABB 2019 \ 2020

Job ID: 240-145104-1

Client Sample ID: SB-45 (0-2)

Date Collected: 02/25/21 16:25
Date Received: 02/26/21 13:45

Lab Sample ID: 240-145104-22

Matrix: Solid
Percent Solids: 91.6

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	**210**	**J**	250	80	ug/Kg	☼	03/04/21 22:36	03/09/21 21:54	1
1,1,2,2-Tetrachloroethane	<150		250	150	ug/Kg	☼	03/04/21 22:36	03/09/21 21:54	1
1,1,2-Trichloroethane	<58		250	58	ug/Kg	☼	03/04/21 22:36	03/09/21 21:54	1
1,1-Dichloroethane	<49		250	49	ug/Kg	☼	03/04/21 22:36	03/09/21 21:54	1
1,1-Dichloroethene	<84		250	84	ug/Kg	☼	03/04/21 22:36	03/09/21 21:54	1
1,2,4-Trichlorobenzene	<140		250	140	ug/Kg	☼	03/04/21 22:36	03/09/21 21:54	1
1,2-Dibromo-3-Chloropropane	<230		510	230	ug/Kg	☼	03/04/21 22:36	03/09/21 21:54	1
1,2-Dichlorobenzene	<120		250	120	ug/Kg	☼	03/04/21 22:36	03/09/21 21:54	1
1,2-Dichloroethane	<48		250	48	ug/Kg	☼	03/04/21 22:36	03/09/21 21:54	1
1,2-Dichloropropane	<38		250	38	ug/Kg	☼	03/04/21 22:36	03/09/21 21:54	1
1,3-Dichlorobenzene	<47		250	47	ug/Kg	☼	03/04/21 22:36	03/09/21 21:54	1
1,4-Dichlorobenzene	<56		250	56	ug/Kg	☼	03/04/21 22:36	03/09/21 21:54	1
1,4-Dioxane	<2400		13000	2400	ug/Kg	☼	03/04/21 22:36	03/09/21 21:54	1
2-Hexanone	<270		1000	270	ug/Kg	☼	03/04/21 22:36	03/09/21 21:54	1
Acetone	<250		1000	250	ug/Kg	☼	03/04/21 22:36	03/09/21 21:54	1
Benzene	<43		250	43	ug/Kg	☼	03/04/21 22:36	03/09/21 21:54	1
Bromoform	<230		250	230	ug/Kg	☼	03/04/21 22:36	03/09/21 21:54	1
Bromomethane	<170		250	170	ug/Kg	☼	03/04/21 22:36	03/09/21 21:54	1
Carbon disulfide	<110		250	110	ug/Kg	☼	03/04/21 22:36	03/09/21 21:54	1
Carbon tetrachloride	<100		250	100	ug/Kg	☼	03/04/21 22:36	03/09/21 21:54	1
Chlorobenzene	<36		250	36	ug/Kg	☼	03/04/21 22:36	03/09/21 21:54	1
Chloroethane	<150		250	150	ug/Kg	☼	03/04/21 22:36	03/09/21 21:54	1
Chloroform	<55		250	55	ug/Kg	☼	03/04/21 22:36	03/09/21 21:54	1
Chloromethane	<67		250	67	ug/Kg	☼	03/04/21 22:36	03/09/21 21:54	1
cis-1,2-Dichloroethene	<41		250	41	ug/Kg	☼	03/04/21 22:36	03/09/21 21:54	1
cis-1,3-Dichloropropene	<130		250	130	ug/Kg	☼	03/04/21 22:36	03/09/21 21:54	1
Dichlorobromomethane	<29		250	29	ug/Kg	☼	03/04/21 22:36	03/09/21 21:54	1
Dichlorodifluoromethane	<54		250	54	ug/Kg	☼	03/04/21 22:36	03/09/21 21:54	1
Ethylbenzene	<48		250	48	ug/Kg	☼	03/04/21 22:36	03/09/21 21:54	1
Ethylene Dibromide	<81		250	81	ug/Kg	☼	03/04/21 22:36	03/09/21 21:54	1
Naphthalene	<120		250	120	ug/Kg	☼	03/04/21 22:36	03/09/21 21:54	1
Isopropylbenzene	<39		250	39	ug/Kg	☼	03/04/21 22:36	03/09/21 21:54	1
2-Butanone (MEK)	<160		1000	160	ug/Kg	☼	03/04/21 22:36	03/09/21 21:54	1
4-Methyl-2-pentanone (MIBK)	<240		1000	240	ug/Kg	☼	03/04/21 22:36	03/09/21 21:54	1
Methyl tert-butyl ether	<38		250	38	ug/Kg	☼	03/04/21 22:36	03/09/21 21:54	1
Methylene Chloride	<390		510	390	ug/Kg	☼	03/04/21 22:36	03/09/21 21:54	1
Styrene	<53		250	53	ug/Kg	☼	03/04/21 22:36	03/09/21 21:54	1
Tetrachloroethene	**2500**		250	99	ug/Kg	☼	03/04/21 22:36	03/09/21 21:54	1
Toluene	<240		250	240	ug/Kg	☼	03/04/21 22:36	03/09/21 21:54	1
trans-1,2-Dichloroethene	<63		250	63	ug/Kg	☼	03/04/21 22:36	03/09/21 21:54	1
trans-1,3-Dichloropropene	<110		250	110	ug/Kg	☼	03/04/21 22:36	03/09/21 21:54	1
Trichloroethene	<150		250	150	ug/Kg	☼	03/04/21 22:36	03/09/21 21:54	1
Trichlorofluoromethane	<140		250	140	ug/Kg	☼	03/04/21 22:36	03/09/21 21:54	1
Vinyl chloride	<130		250	130	ug/Kg	☼	03/04/21 22:36	03/09/21 21:54	1
Xylenes, Total	<93		510	93	ug/Kg	☼	03/04/21 22:36	03/09/21 21:54	1
Chlorodibromomethane	<120		250	120	ug/Kg	☼	03/04/21 22:36	03/09/21 21:54	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*101*		*47 - 136*	*03/04/21 22:36*	*03/09/21 21:54*	*1*
4-Bromofluorobenzene (Surr)	*97*		*51 - 124*	*03/04/21 22:36*	*03/09/21 21:54*	*1*

Client: TRC Environmental Corporation.
Project/Site: ABB 2019 \ 2020

Job ID: 240-145104-1

Client Sample ID: SB-45 (0-2)

Date Collected: 02/25/21 16:25
Date Received: 02/26/21 13:45

Lab Sample ID: 240-145104-22

Matrix: Solid
Percent Solids: 91.6

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Toluene-d8 (Surr)	*100*		*55 - 123*	*03/04/21 22:36*	*03/09/21 21:54*	*1*
Dibromofluoromethane (Surr)	*83*		*49 - 122*	*03/04/21 22:36*	*03/09/21 21:54*	*1*

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Solids	**91.6**		0.1	0.1	%			03/01/21 11:34	1
Percent Moisture	**8.4**		0.1	0.1	%			03/01/21 11:34	1

Client Sample Results

Client: TRC Environmental Corporation.
Project/Site: ABB 2019 \ 2020

Job ID: 240-145104-1

Client Sample ID: SB-45 (2-4)

Date Collected: 02/25/21 16:30
Date Received: 02/26/21 13:45

Lab Sample ID: 240-145104-23

Matrix: Solid
Percent Solids: 77.5

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	<100		320	100	ug/Kg	☼	03/04/21 22:36	03/09/21 22:19	1
1,1,2,2-Tetrachloroethane	<190		320	190	ug/Kg	☼	03/04/21 22:36	03/09/21 22:19	1
1,1,2-Trichloroethane	<74		320	74	ug/Kg	☼	03/04/21 22:36	03/09/21 22:19	1
1,1-Dichloroethane	**390**		320	62	ug/Kg	☼	03/04/21 22:36	03/09/21 22:19	1
1,1-Dichloroethene	<110		320	110	ug/Kg	☼	03/04/21 22:36	03/09/21 22:19	1
1,2,4-Trichlorobenzene	<170		320	170	ug/Kg	☼	03/04/21 22:36	03/09/21 22:19	1
1,2-Dibromo-3-Chloropropane	<290		650	290	ug/Kg	☼	03/04/21 22:36	03/09/21 22:19	1
1,2-Dichlorobenzene	<160		320	160	ug/Kg	☼	03/04/21 22:36	03/09/21 22:19	1
1,2-Dichloroethane	<61		320	61	ug/Kg	☼	03/04/21 22:36	03/09/21 22:19	1
1,2-Dichloropropane	<48		320	48	ug/Kg	☼	03/04/21 22:36	03/09/21 22:19	1
1,3-Dichlorobenzene	<59		320	59	ug/Kg	☼	03/04/21 22:36	03/09/21 22:19	1
1,4-Dichlorobenzene	<71		320	71	ug/Kg	☼	03/04/21 22:36	03/09/21 22:19	1
1,4-Dioxane	<3000		16000	3000	ug/Kg	☼	03/04/21 22:36	03/09/21 22:19	1
2-Hexanone	<340		1300	340	ug/Kg	☼	03/04/21 22:36	03/09/21 22:19	1
Acetone	**340**	**J B**	1300	320	ug/Kg	☼	03/04/21 22:36	03/09/21 22:19	1
Benzene	<54		320	54	ug/Kg	☼	03/04/21 22:36	03/09/21 22:19	1
Bromoform	<290		320	290	ug/Kg	☼	03/04/21 22:36	03/09/21 22:19	1
Bromomethane	<210		320	210	ug/Kg	☼	03/04/21 22:36	03/09/21 22:19	1
Carbon disulfide	<140		320	140	ug/Kg	☼	03/04/21 22:36	03/09/21 22:19	1
Carbon tetrachloride	<130		320	130	ug/Kg	☼	03/04/21 22:36	03/09/21 22:19	1
Chlorobenzene	<45		320	45	ug/Kg	☼	03/04/21 22:36	03/09/21 22:19	1
Chloroethane	<190		320	190	ug/Kg	☼	03/04/21 22:36	03/09/21 22:19	1
Chloroform	<70		320	70	ug/Kg	☼	03/04/21 22:36	03/09/21 22:19	1
Chloromethane	<85		320	85	ug/Kg	☼	03/04/21 22:36	03/09/21 22:19	1
cis-1,2-Dichloroethene	<52		320	52	ug/Kg	☼	03/04/21 22:36	03/09/21 22:19	1
cis-1,3-Dichloropropene	<160		320	160	ug/Kg	☼	03/04/21 22:36	03/09/21 22:19	1
Dichlorobromomethane	<36		320	36	ug/Kg	☼	03/04/21 22:36	03/09/21 22:19	1
Dichlorodifluoromethane	<68		320	68	ug/Kg	☼	03/04/21 22:36	03/09/21 22:19	1
Ethylbenzene	<61		320	61	ug/Kg	☼	03/04/21 22:36	03/09/21 22:19	1
Ethylene Dibromide	<100		320	100	ug/Kg	☼	03/04/21 22:36	03/09/21 22:19	1
Naphthalene	<150		320	150	ug/Kg	☼	03/04/21 22:36	03/09/21 22:19	1
Isopropylbenzene	<49		320	49	ug/Kg	☼	03/04/21 22:36	03/09/21 22:19	1
2-Butanone (MEK)	<200		1300	200	ug/Kg	☼	03/04/21 22:36	03/09/21 22:19	1
4-Methyl-2-pentanone (MIBK)	<310		1300	310	ug/Kg	☼	03/04/21 22:36	03/09/21 22:19	1
Methyl tert-butyl ether	<48		320	48	ug/Kg	☼	03/04/21 22:36	03/09/21 22:19	1
Methylene Chloride	<490		650	490	ug/Kg	☼	03/04/21 22:36	03/09/21 22:19	1
Styrene	<67		320	67	ug/Kg	☼	03/04/21 22:36	03/09/21 22:19	1
Tetrachloroethene	<130		320	130	ug/Kg	☼	03/04/21 22:36	03/09/21 22:19	1
Toluene	<310		320	310	ug/Kg	☼	03/04/21 22:36	03/09/21 22:19	1
trans-1,2-Dichloroethene	<80		320	80	ug/Kg	☼	03/04/21 22:36	03/09/21 22:19	1
trans-1,3-Dichloropropene	<140		320	140	ug/Kg	☼	03/04/21 22:36	03/09/21 22:19	1
Trichloroethene	<180		320	180	ug/Kg	☼	03/04/21 22:36	03/09/21 22:19	1
Trichlorofluoromethane	<180		320	180	ug/Kg	☼	03/04/21 22:36	03/09/21 22:19	1
Vinyl chloride	<160		320	160	ug/Kg	☼	03/04/21 22:36	03/09/21 22:19	1
Xylenes, Total	<120		650	120	ug/Kg	☼	03/04/21 22:36	03/09/21 22:19	1
Chlorodibromomethane	<150		320	150	ug/Kg	☼	03/04/21 22:36	03/09/21 22:19	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*102*		*47 - 136*	*03/04/21 22:36*	*03/09/21 22:19*	*1*
4-Bromofluorobenzene (Surr)	*94*		*51 - 124*	*03/04/21 22:36*	*03/09/21 22:19*	*1*

Client: TRC Environmental Corporation.
Project/Site: ABB 2019 \ 2020

Job ID: 240-145104-1

Client Sample ID: SB-45 (2-4)

Date Collected: 02/25/21 16:30
Date Received: 02/26/21 13:45

Lab Sample ID: 240-145104-23

Matrix: Solid
Percent Solids: 77.5

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Toluene-d8 (Surr)	*99*		*55 - 123*	*03/04/21 22:36*	*03/09/21 22:19*	*1*
Dibromofluoromethane (Surr)	*84*		*49 - 122*	*03/04/21 22:36*	*03/09/21 22:19*	*1*

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Solids	**77.5**		0.1	0.1	%			03/01/21 11:34	1
Percent Moisture	**22.5**		0.1	0.1	%			03/01/21 11:34	1

Client Sample Results

Client: TRC Environmental Corporation.
Project/Site: ABB 2019 \ 2020

Job ID: 240-145104-1

Client Sample ID: SB-45 (4-6)

Date Collected: 02/25/21 16:40
Date Received: 02/26/21 13:45

Lab Sample ID: 240-145104-24

Matrix: Solid
Percent Solids: 85.9

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	**150**	**J**	250	77	ug/Kg	☼	03/04/21 22:36	03/09/21 22:44	1
1,1,2,2-Tetrachloroethane	<150		250	150	ug/Kg	☼	03/04/21 22:36	03/09/21 22:44	1
1,1,2-Trichloroethane	<56		250	56	ug/Kg	☼	03/04/21 22:36	03/09/21 22:44	1
1,1-Dichloroethane	**860**		250	47	ug/Kg	☼	03/04/21 22:36	03/09/21 22:44	1
1,1-Dichloroethene	**310**		250	81	ug/Kg	☼	03/04/21 22:36	03/09/21 22:44	1
1,2,4-Trichlorobenzene	<130		250	130	ug/Kg	☼	03/04/21 22:36	03/09/21 22:44	1
1,2-Dibromo-3-Chloropropane	<220		490	220	ug/Kg	☼	03/04/21 22:36	03/09/21 22:44	1
1,2-Dichlorobenzene	<120		250	120	ug/Kg	☼	03/04/21 22:36	03/09/21 22:44	1
1,2-Dichloroethane	<46		250	46	ug/Kg	☼	03/04/21 22:36	03/09/21 22:44	1
1,2-Dichloropropane	<36		250	36	ug/Kg	☼	03/04/21 22:36	03/09/21 22:44	1
1,3-Dichlorobenzene	<45		250	45	ug/Kg	☼	03/04/21 22:36	03/09/21 22:44	1
1,4-Dichlorobenzene	<54		250	54	ug/Kg	☼	03/04/21 22:36	03/09/21 22:44	1
1,4-Dioxane	<2300		12000	2300	ug/Kg	☼	03/04/21 22:36	03/09/21 22:44	1
2-Hexanone	<260		980	260	ug/Kg	☼	03/04/21 22:36	03/09/21 22:44	1
Acetone	**280**	**J B**	980	240	ug/Kg	☼	03/04/21 22:36	03/09/21 22:44	1
Benzene	<41		250	41	ug/Kg	☼	03/04/21 22:36	03/09/21 22:44	1
Bromoform	<220		250	220	ug/Kg	☼	03/04/21 22:36	03/09/21 22:44	1
Bromomethane	<160		250	160	ug/Kg	☼	03/04/21 22:36	03/09/21 22:44	1
Carbon disulfide	<110		250	110	ug/Kg	☼	03/04/21 22:36	03/09/21 22:44	1
Carbon tetrachloride	<100		250	100	ug/Kg	☼	03/04/21 22:36	03/09/21 22:44	1
Chlorobenzene	<34		250	34	ug/Kg	☼	03/04/21 22:36	03/09/21 22:44	1
Chloroethane	<150		250	150	ug/Kg	☼	03/04/21 22:36	03/09/21 22:44	1
Chloroform	<53		250	53	ug/Kg	☼	03/04/21 22:36	03/09/21 22:44	1
Chloromethane	<65		250	65	ug/Kg	☼	03/04/21 22:36	03/09/21 22:44	1
cis-1,2-Dichloroethene	**71**	**J**	250	39	ug/Kg	☼	03/04/21 22:36	03/09/21 22:44	1
cis-1,3-Dichloropropene	<120		250	120	ug/Kg	☼	03/04/21 22:36	03/09/21 22:44	1
Dichlorobromomethane	<28		250	28	ug/Kg	☼	03/04/21 22:36	03/09/21 22:44	1
Dichlorodifluoromethane	<52		250	52	ug/Kg	☼	03/04/21 22:36	03/09/21 22:44	1
Ethylbenzene	<46		250	46	ug/Kg	☼	03/04/21 22:36	03/09/21 22:44	1
Ethylene Dibromide	<78		250	78	ug/Kg	☼	03/04/21 22:36	03/09/21 22:44	1
Naphthalene	<120		250	120	ug/Kg	☼	03/04/21 22:36	03/09/21 22:44	1
Isopropylbenzene	<37		250	37	ug/Kg	☼	03/04/21 22:36	03/09/21 22:44	1
2-Butanone (MEK)	<150		980	150	ug/Kg	☼	03/04/21 22:36	03/09/21 22:44	1
4-Methyl-2-pentanone (MIBK)	<230		980	230	ug/Kg	☼	03/04/21 22:36	03/09/21 22:44	1
Methyl tert-butyl ether	<36		250	36	ug/Kg	☼	03/04/21 22:36	03/09/21 22:44	1
Methylene Chloride	<380		490	380	ug/Kg	☼	03/04/21 22:36	03/09/21 22:44	1
Styrene	<51		250	51	ug/Kg	☼	03/04/21 22:36	03/09/21 22:44	1
Tetrachloroethene	<96		250	96	ug/Kg	☼	03/04/21 22:36	03/09/21 22:44	1
Toluene	<240		250	240	ug/Kg	☼	03/04/21 22:36	03/09/21 22:44	1
trans-1,2-Dichloroethene	<61		250	61	ug/Kg	☼	03/04/21 22:36	03/09/21 22:44	1
trans-1,3-Dichloropropene	<100		250	100	ug/Kg	☼	03/04/21 22:36	03/09/21 22:44	1
Trichloroethene	<140		250	140	ug/Kg	☼	03/04/21 22:36	03/09/21 22:44	1
Trichlorofluoromethane	<130		250	130	ug/Kg	☼	03/04/21 22:36	03/09/21 22:44	1
Vinyl chloride	<120		250	120	ug/Kg	☼	03/04/21 22:36	03/09/21 22:44	1
Xylenes, Total	<90		490	90	ug/Kg	☼	03/04/21 22:36	03/09/21 22:44	1
Chlorodibromomethane	<120		250	120	ug/Kg	☼	03/04/21 22:36	03/09/21 22:44	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*96*		*47 - 136*	*03/04/21 22:36*	*03/09/21 22:44*	*1*
4-Bromofluorobenzene (Surr)	*91*		*51 - 124*	*03/04/21 22:36*	*03/09/21 22:44*	*1*

Client Sample Results

Client: TRC Environmental Corporation.
Project/Site: ABB 2019 \ 2020

Job ID: 240-145104-1

Client Sample ID: SB-45 (4-6)

Date Collected: 02/25/21 16:40
Date Received: 02/26/21 13:45

Lab Sample ID: 240-145104-24

Matrix: Solid
Percent Solids: 85.9

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Toluene-d8 (Surr)	*96*		*55 - 123*	*03/04/21 22:36*	*03/09/21 22:44*	*1*
Dibromofluoromethane (Surr)	*81*		*49 - 122*	*03/04/21 22:36*	*03/09/21 22:44*	*1*

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Solids	**85.9**		0.1	0.1	%			03/01/21 11:34	1
Percent Moisture	**14.1**		0.1	0.1	%			03/01/21 11:34	1

Client Sample Results

Client: TRC Environmental Corporation.
Project/Site: ABB 2019 \ 2020

Job ID: 240-145104-1

Client Sample ID: SB-45

Date Collected: 02/25/21 16:45
Date Received: 02/26/21 13:45

Lab Sample ID: 240-145104-25

Matrix: Solid

Method: 8260B - Volatile Organic Compounds (GC/MS) - SPLP

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	**7.1**	**J**	10	5.4	ug/L			03/12/21 21:44	1
Benzene	<0.13		1.0	0.13	ug/L			03/12/21 21:44	1
Bromoform	<0.76		1.0	0.76	ug/L			03/12/21 21:44	1
Bromomethane	<0.42		1.0	0.42	ug/L			03/12/21 21:44	1
2-Butanone (MEK)	<1.2		10	1.2	ug/L			03/12/21 21:44	1
Carbon disulfide	<0.28		1.0	0.28	ug/L			03/12/21 21:44	1
Carbon tetrachloride	<0.26		1.0	0.26	ug/L			03/12/21 21:44	1
Chlorobenzene	<0.14		1.0	0.14	ug/L			03/12/21 21:44	1
Chlorodibromomethane	<0.39		1.0	0.39	ug/L			03/12/21 21:44	1
Chloroethane	<0.83		1.0	0.83	ug/L			03/12/21 21:44	1
Chloroform	<0.13		1.0	0.13	ug/L			03/12/21 21:44	1
Chloromethane	<0.20		1.0	0.20	ug/L			03/12/21 21:44	1
cis-1,2-Dichloroethene	**0.71**	**J**	1.0	0.16	ug/L			03/12/21 21:44	1
cis-1,3-Dichloropropene	<0.61		1.0	0.61	ug/L			03/12/21 21:44	1
1,2-Dibromo-3-Chloropropane	<0.91		2.0	0.91	ug/L			03/12/21 21:44	1
1,2-Dichlorobenzene	<0.15		1.0	0.15	ug/L			03/12/21 21:44	1
1,3-Dichlorobenzene	<0.15		1.0	0.15	ug/L			03/12/21 21:44	1
1,4-Dichlorobenzene	<0.16		1.0	0.16	ug/L			03/12/21 21:44	1
Dichlorobromomethane	<0.17		1.0	0.17	ug/L			03/12/21 21:44	1
Dichlorodifluoromethane	<0.35		1.0	0.35	ug/L			03/12/21 21:44	1
1,1-Dichloroethane	**4.6**		1.0	0.17	ug/L			03/12/21 21:44	1
1,2-Dichloroethane	**0.29**	**J**	1.0	0.21	ug/L			03/12/21 21:44	1
1,1-Dichloroethene	**0.78**	**J**	1.0	0.19	ug/L			03/12/21 21:44	1
1,2-Dichloropropane	<0.15		1.0	0.15	ug/L			03/12/21 21:44	1
1,4-Dioxane	<13		50	13	ug/L			03/12/21 21:44	1
Ethylbenzene	<0.11		1.0	0.11	ug/L			03/12/21 21:44	1
Ethylene Dibromide	<0.12		1.0	0.12	ug/L			03/12/21 21:44	1
2-Hexanone	<0.54		10	0.54	ug/L			03/12/21 21:44	1
Isopropylbenzene	<0.090		1.0	0.090	ug/L			03/12/21 21:44	1
Methylene Chloride	**4.7**	**J**	5.0	2.6	ug/L			03/12/21 21:44	1
4-Methyl-2-pentanone (MIBK)	<0.42		10	0.42	ug/L			03/12/21 21:44	1
Methyl tert-butyl ether	<0.070		1.0	0.070	ug/L			03/12/21 21:44	1
Naphthalene	<0.32		1.0	0.32	ug/L			03/12/21 21:44	1
Styrene	<0.10		1.0	0.10	ug/L			03/12/21 21:44	1
1,1,2,2-Tetrachloroethane	<0.13		1.0	0.13	ug/L			03/12/21 21:44	1
Tetrachloroethene	**0.39**	**J**	1.0	0.15	ug/L			03/12/21 21:44	1
Toluene	**0.43**	**J B**	1.0	0.14	ug/L			03/12/21 21:44	1
trans-1,2-Dichloroethene	<0.19		1.0	0.19	ug/L			03/12/21 21:44	1
trans-1,3-Dichloropropene	<0.67		1.0	0.67	ug/L			03/12/21 21:44	1
1,2,4-Trichlorobenzene	<0.26		1.0	0.26	ug/L			03/12/21 21:44	1
1,1,1-Trichloroethane	**3.7**		1.0	0.24	ug/L			03/12/21 21:44	1
1,1,2-Trichloroethane	**0.74**	**J**	1.0	0.090	ug/L			03/12/21 21:44	1
Trichloroethene	**0.75**	**J**	1.0	0.10	ug/L			03/12/21 21:44	1
Trichlorofluoromethane	<0.45		1.0	0.45	ug/L			03/12/21 21:44	1
Vinyl chloride	<0.20		1.0	0.20	ug/L			03/12/21 21:44	1
Xylenes, Total	<0.15		2.0	0.15	ug/L			03/12/21 21:44	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*98*		*47 - 134*		*03/12/21 21:44*	*1*
Dibromofluoromethane (Surr)	*82*		*78 - 129*		*03/12/21 21:44*	*1*

Client: TRC Environmental Corporation.
Project/Site: ABB 2019 \ 2020

Job ID: 240-145104-1

Client Sample ID: SB-45

Date Collected: 02/25/21 16:45
Date Received: 02/26/21 13:45

Lab Sample ID: 240-145104-25

Matrix: Solid

Method: 8260B - Volatile Organic Compounds (GC/MS) - SPLP (Continued)

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	89		75 - 130		03/12/21 21:44	1
Toluene-d8 (Surr)	96		69 - 122		03/12/21 21:44	1

Surrogate Summary

Client: TRC Environmental Corporation.
Project/Site: ABB 2019 \ 2020

Job ID: 240-145104-1

Method: 8260B - Volatile Organic Compounds (GC/MS)

Matrix: Solid **Prep Type: Total/NA**

		Percent Surrogate Recovery (Acceptance Limits)			
		DCA	BFB	TOL	DBFM
Lab Sample ID	Client Sample ID	(59-120)	(51-127)	(64-124)	(56-122)
240-145104-2	SB-44 (0-2)	86	93	95	87
240-145104-3	SB-44 (2-4)	88	92	94	88
240-145104-7	SB-51 (2-4)	91	91	94	89
240-145104-11	CB02SED01	99	101	100	90
240-145104-11 MS	CB02SED01	81	91	84	77
240-145104-11 MSD	CB02SED01	87	94	89	85
240-145104-17	DUP-04	95	112	103	90
LCS 240-475715/2-A	Lab Control Sample	80	100	90	81
LCS 240-476239/5	Lab Control Sample	80	91	93	87
LCS 240-476287/5	Lab Control Sample	85	112	105	90
MB 240-475715/1-A	Method Blank	93	98	96	81
MB 240-476239/6	Method Blank	81	90	92	84
MB 240-476287/6	Method Blank	95	113	103	95

Surrogate Legend

DCA = 1,2-Dichloroethane-d4 (Surr)
BFB = 4-Bromofluorobenzene (Surr)
TOL = Toluene-d8 (Surr)
DBFM = Dibromofluoromethane (Surr)

Method: 8260B - Volatile Organic Compounds (GC/MS)

Matrix: Solid **Prep Type: Total/NA**

		Percent Surrogate Recovery (Acceptance Limits)			
		DCA	BFB	TOL	DBFM
Lab Sample ID	Client Sample ID	(47-136)	(51-124)	(55-123)	(49-122)
240-145104-4	SB-44 (4-6)	91	97	94	82
240-145104-6	SB-51 (0-2)	108	100	106	89
240-145104-8	SB-51 (4-6)	96	101	97	82
240-145104-13	SB-54 (0-2)	106	97	102	97
240-145104-14	SB-54 (2-4)	103	96	101	95
240-145104-15	SB-54 (4-6)	102	96	101	92
240-145104-15	SB-54 (4-6)	114	121	114	98
240-145104-16	DUP-03	74	84	79	67
240-145104-18	WCA03-01 (0-2)	106	102	105	89
240-145104-19	WCA03-01 (2-4)	104	101	103	91
240-145104-20	WCA03-01 (4-6)	102	99	101	88
240-145104-22	SB-45 (0-2)	101	97	100	83
240-145104-23	SB-45 (2-4)	102	94	99	84
240-145104-24	SB-45 (4-6)	96	91	96	81
LCS 240-475548/2-A	Lab Control Sample	86	95	90	83
MB 240-475548/1-A	Method Blank	99	93	96	84

Surrogate Legend

DCA = 1,2-Dichloroethane-d4 (Surr)
BFB = 4-Bromofluorobenzene (Surr)
TOL = Toluene-d8 (Surr)
DBFM = Dibromofluoromethane (Surr)

Surrogate Summary

Client: TRC Environmental Corporation.
Project/Site: ABB 2019 \ 2020

Job ID: 240-145104-1

Method: 8260B - Volatile Organic Compounds (GC/MS)

Matrix: Solid **Prep Type: Total/NA**

		Percent Surrogate Recovery (Acceptance Limits)			
		DCA	BFB	TOL	DBFM
Lab Sample ID	Client Sample ID	(74-124)	(77-120)	(80-120)	(80-120)
LCS 240-476104/11	Lab Control Sample	90	106	103	85

Surrogate Legend

DCA = 1,2-Dichloroethane-d4 (Surr)
BFB = 4-Bromofluorobenzene (Surr)
TOL = Toluene-d8 (Surr)
DBFM = Dibromofluoromethane (Surr)

Method: 8260B - Volatile Organic Compounds (GC/MS)

Matrix: Solid **Prep Type: Total/NA**

		Percent Surrogate Recovery (Acceptance Limits)			
		DCA	BFB	TOL	DBFM
Lab Sample ID	Client Sample ID	(75-130)	(47-134)	(69-122)	(78-129)
LCS 240-476637/5	Lab Control Sample	90	105	103	87

Surrogate Legend

DCA = 1,2-Dichloroethane-d4 (Surr)
BFB = 4-Bromofluorobenzene (Surr)
TOL = Toluene-d8 (Surr)
DBFM = Dibromofluoromethane (Surr)

Method: 8260B - Volatile Organic Compounds (GC/MS)

Matrix: Solid **Prep Type: TCLP**

		Percent Surrogate Recovery (Acceptance Limits)			
		DCA	BFB	TOL	DBFM
Lab Sample ID	Client Sample ID	(74-124)	(77-120)	(80-120)	(80-120)
240-145104-21	WCA03-01	98	104	101	89
LB 240-475924/1-A MB	Method Blank	93	103	99	87

Surrogate Legend

DCA = 1,2-Dichloroethane-d4 (Surr)
BFB = 4-Bromofluorobenzene (Surr)
TOL = Toluene-d8 (Surr)
DBFM = Dibromofluoromethane (Surr)

Method: 8260B - Volatile Organic Compounds (GC/MS)

Matrix: Solid **Prep Type: SPLP**

		Percent Surrogate Recovery (Acceptance Limits)			
		BFB	DBFM	DCA	TOL
Lab Sample ID	Client Sample ID	(47-134)	(78-129)	(75-130)	(69-122)
240-145104-25	SB-45	98	82	89	96
LB 240-476496/1-A MB	Method Blank	99	83	91	98

Surrogate Legend

BFB = 4-Bromofluorobenzene (Surr)
DBFM = Dibromofluoromethane (Surr)
DCA = 1,2-Dichloroethane-d4 (Surr)
TOL = Toluene-d8 (Surr)

Surrogate Summary

Client: TRC Environmental Corporation.
Project/Site: ABB 2019 \ 2020

Job ID: 240-145104-1

Method: 8260B - Volatile Organic Compounds (GC/MS)

Matrix: Water

Prep Type: Total/NA

		Percent Surrogate Recovery (Acceptance Limits)			
		DCA	BFB	TOL	DBFM
Lab Sample ID	**Client Sample ID**	**(75-130)**	**(47-134)**	**(69-122)**	**(78-129)**
240-145104-9	CB025W01	93	84	96	90
240-145104-10	TRIP BLANK	95	82	96	92
LCS 240-475473/4	Lab Control Sample	89	86	91	88
MB 240-475473/6	Method Blank	100	90	100	97

Surrogate Legend

DCA = 1,2-Dichloroethane-d4 (Surr)
BFB = 4-Bromofluorobenzene (Surr)
TOL = Toluene-d8 (Surr)
DBFM = Dibromofluoromethane (Surr)

Method: 8260B - Volatile Organic Compounds (GC/MS)

Lab Sample ID: MB 240-475473/6
Matrix: Water
Analysis Batch: 475473

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

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	<5.4		10	5.4	ug/L			03/04/21 13:32	1
Benzene	<0.13		1.0	0.13	ug/L			03/04/21 13:32	1
Bromoform	<0.76		1.0	0.76	ug/L			03/04/21 13:32	1
Bromomethane	<0.42		1.0	0.42	ug/L			03/04/21 13:32	1
Carbon disulfide	<0.28		1.0	0.28	ug/L			03/04/21 13:32	1
Carbon tetrachloride	<0.26		1.0	0.26	ug/L			03/04/21 13:32	1
1,1-Dichloroethane	<0.17		1.0	0.17	ug/L			03/04/21 13:32	1
Chlorobenzene	<0.14		1.0	0.14	ug/L			03/04/21 13:32	1
1,2-Dichloroethane	<0.21		1.0	0.21	ug/L			03/04/21 13:32	1
Chloroethane	<0.83		1.0	0.83	ug/L			03/04/21 13:32	1
Chloroform	<0.13		1.0	0.13	ug/L			03/04/21 13:32	1
1,1-Dichloroethene	<0.19		1.0	0.19	ug/L			03/04/21 13:32	1
Chloromethane	<0.20		1.0	0.20	ug/L			03/04/21 13:32	1
1,2-Dichloropropane	<0.15		1.0	0.15	ug/L			03/04/21 13:32	1
cis-1,3-Dichloropropene	<0.61		1.0	0.61	ug/L			03/04/21 13:32	1
Dichlorobromomethane	<0.17		1.0	0.17	ug/L			03/04/21 13:32	1
2-Hexanone	<0.54		10	0.54	ug/L			03/04/21 13:32	1
Ethylbenzene	<0.11		1.0	0.11	ug/L			03/04/21 13:32	1
1,2-Dibromo-3-Chloropropane	<0.91		2.0	0.91	ug/L			03/04/21 13:32	1
Ethylene Dibromide	<0.12		1.0	0.12	ug/L			03/04/21 13:32	1
1,4-Dioxane	<13		50	13	ug/L			03/04/21 13:32	1
Dichlorodifluoromethane	<0.35		1.0	0.35	ug/L			03/04/21 13:32	1
2-Butanone (MEK)	<1.2		10	1.2	ug/L			03/04/21 13:32	1
cis-1,2-Dichloroethene	<0.16		1.0	0.16	ug/L			03/04/21 13:32	1
4-Methyl-2-pentanone (MIBK)	<0.42		10	0.42	ug/L			03/04/21 13:32	1
Isopropylbenzene	<0.090		1.0	0.090	ug/L			03/04/21 13:32	1
Methyl tert-butyl ether	<0.070		1.0	0.070	ug/L			03/04/21 13:32	1
Methylene Chloride	<2.6		5.0	2.6	ug/L			03/04/21 13:32	1
1,1,2,2-Tetrachloroethane	<0.13		1.0	0.13	ug/L			03/04/21 13:32	1
1,2-Dichlorobenzene	<0.15		1.0	0.15	ug/L			03/04/21 13:32	1
Styrene	<0.10		1.0	0.10	ug/L			03/04/21 13:32	1
1,3-Dichlorobenzene	<0.15		1.0	0.15	ug/L			03/04/21 13:32	1
Tetrachloroethene	<0.15		1.0	0.15	ug/L			03/04/21 13:32	1
1,4-Dichlorobenzene	<0.16		1.0	0.16	ug/L			03/04/21 13:32	1
Toluene	<0.14		1.0	0.14	ug/L			03/04/21 13:32	1
trans-1,2-Dichloroethene	<0.19		1.0	0.19	ug/L			03/04/21 13:32	1
1,2,4-Trichlorobenzene	<0.26		1.0	0.26	ug/L			03/04/21 13:32	1
trans-1,3-Dichloropropene	<0.67		1.0	0.67	ug/L			03/04/21 13:32	1
1,1,1-Trichloroethane	<0.24		1.0	0.24	ug/L			03/04/21 13:32	1
1,1,2-Trichloroethane	<0.090		1.0	0.090	ug/L			03/04/21 13:32	1
Trichloroethene	<0.10		1.0	0.10	ug/L			03/04/21 13:32	1
Trichlorofluoromethane	<0.45		1.0	0.45	ug/L			03/04/21 13:32	1
Vinyl chloride	<0.20		1.0	0.20	ug/L			03/04/21 13:32	1
Chlorodibromomethane	<0.39		1.0	0.39	ug/L			03/04/21 13:32	1
Naphthalene	<0.32		1.0	0.32	ug/L			03/04/21 13:32	1
Xylenes, Total	<0.15		2.0	0.15	ug/L			03/04/21 13:32	1

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: MB 240-475473/6
Matrix: Water
Analysis Batch: 475473

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

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	100		75 - 130		03/04/21 13:32	1
4-Bromofluorobenzene (Surr)	90		47 - 134		03/04/21 13:32	1
Toluene-d8 (Surr)	100		69 - 122		03/04/21 13:32	1
Dibromofluoromethane (Surr)	97		78 - 129		03/04/21 13:32	1

Lab Sample ID: LCS 240-475473/4
Matrix: Water
Analysis Batch: 475473

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

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Acetone	20.0	14.2		ug/L		71	33 - 155
Benzene	10.0	9.52		ug/L		95	77 - 123
Bromoform	10.0	9.90		ug/L		99	47 - 133
Bromomethane	10.0	9.93		ug/L		99	48 - 144
Carbon disulfide	10.0	8.15		ug/L		82	67 - 127
Carbon tetrachloride	10.0	9.76		ug/L		98	61 - 142
1,1-Dichloroethane	10.0	9.28		ug/L		93	74 - 126
Chlorobenzene	10.0	9.43		ug/L		94	80 - 120
1,2-Dichloroethane	10.0	9.16		ug/L		92	66 - 129
Chloroethane	10.0	9.54		ug/L		95	41 - 147
Chloroform	10.0	9.19		ug/L		92	74 - 127
1,1-Dichloroethene	10.0	9.63		ug/L		96	73 - 129
Chloromethane	10.0	8.78		ug/L		88	46 - 148
1,2-Dichloropropane	10.0	10.1		ug/L		101	79 - 127
cis-1,3-Dichloropropene	10.0	8.85		ug/L		89	68 - 128
Dichlorobromomethane	10.0	9.63		ug/L		96	73 - 122
2-Hexanone	20.0	18.1		ug/L		91	43 - 142
Ethylbenzene	10.0	9.44		ug/L		94	80 - 120
1,2-Dibromo-3-Chloropropane	10.0	7.98		ug/L		80	34 - 136
Ethylene Dibromide	10.0	9.39		ug/L		94	73 - 120
1,4-Dioxane	200	121		ug/L		61	10 - 172
Dichlorodifluoromethane	10.0	8.05		ug/L		81	35 - 137
2-Butanone (MEK)	20.0	17.2		ug/L		86	41 - 151
cis-1,2-Dichloroethene	10.0	9.42		ug/L		94	75 - 124
4-Methyl-2-pentanone (MIBK)	20.0	17.4		ug/L		87	43 - 145
Isopropylbenzene	10.0	9.38		ug/L		94	73 - 123
Methyl tert-butyl ether	10.0	8.98		ug/L		90	57 - 127
Methylene Chloride	10.0	8.98		ug/L		90	63 - 134
1,1,2,2-Tetrachloroethane	10.0	9.16		ug/L		92	45 - 151
1,2-Dichlorobenzene	10.0	8.86		ug/L		89	74 - 120
Styrene	10.0	9.48		ug/L		95	75 - 121
1,3-Dichlorobenzene	10.0	8.94		ug/L		89	74 - 120
Tetrachloroethene	10.0	10.2		ug/L		102	70 - 125
1,4-Dichlorobenzene	10.0	9.35		ug/L		93	75 - 120
Toluene	10.0	9.47		ug/L		95	79 - 122
trans-1,2-Dichloroethene	10.0	9.15		ug/L		92	74 - 130
1,2,4-Trichlorobenzene	10.0	8.02		ug/L		80	47 - 120
trans-1,3-Dichloropropene	10.0	8.28		ug/L		83	64 - 120

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: LCS 240-475473/4
Matrix: Water
Analysis Batch: 475473

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

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
1,1,1-Trichloroethane	10.0	9.29		ug/L		93	65 - 141
1,1,2-Trichloroethane	10.0	9.68		ug/L		97	79 - 121
Trichloroethene	10.0	9.39		ug/L		94	71 - 121
m-Xylene & p-Xylene	10.0	9.42		ug/L		94	79 - 121
Trichlorofluoromethane	10.0	9.39		ug/L		94	52 - 148
o-Xylene	10.0	9.52		ug/L		95	75 - 123
Vinyl chloride	10.0	9.38		ug/L		94	61 - 134
Chlorodibromomethane	10.0	10.1		ug/L		101	75 - 120
Naphthalene	10.0	7.31		ug/L		73	28 - 130
Xylenes, Total	20.0	18.9		ug/L		95	78 - 122

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
1,2-Dichloroethane-d4 (Surr)	*89*		*75 - 130*
4-Bromofluorobenzene (Surr)	*86*		*47 - 134*
Toluene-d8 (Surr)	*91*		*69 - 122*
Dibromofluoromethane (Surr)	*88*		*78 - 129*

Lab Sample ID: MB 240-475548/1-A
Matrix: Solid
Analysis Batch: 476041

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 475548

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	266	J	1000	240	ug/Kg		03/04/21 22:36	03/09/21 16:51	1
Benzene	<42		250	42	ug/Kg		03/04/21 22:36	03/09/21 16:51	1
Bromoform	<230		250	230	ug/Kg		03/04/21 22:36	03/09/21 16:51	1
Bromomethane	<170		250	170	ug/Kg		03/04/21 22:36	03/09/21 16:51	1
Carbon disulfide	<110		250	110	ug/Kg		03/04/21 22:36	03/09/21 16:51	1
Carbon tetrachloride	<100		250	100	ug/Kg		03/04/21 22:36	03/09/21 16:51	1
1,1-Dichloroethane	<48		250	48	ug/Kg		03/04/21 22:36	03/09/21 16:51	1
Chlorobenzene	<35		250	35	ug/Kg		03/04/21 22:36	03/09/21 16:51	1
1,2-Dichloroethane	<47		250	47	ug/Kg		03/04/21 22:36	03/09/21 16:51	1
Chloroethane	<150		250	150	ug/Kg		03/04/21 22:36	03/09/21 16:51	1
Chloroform	<54		250	54	ug/Kg		03/04/21 22:36	03/09/21 16:51	1
1,1-Dichloroethene	<82		250	82	ug/Kg		03/04/21 22:36	03/09/21 16:51	1
Chloromethane	<66		250	66	ug/Kg		03/04/21 22:36	03/09/21 16:51	1
1,2-Dichloropropane	<37		250	37	ug/Kg		03/04/21 22:36	03/09/21 16:51	1
cis-1,3-Dichloropropene	<120		250	120	ug/Kg		03/04/21 22:36	03/09/21 16:51	1
Dichlorobromomethane	<28		250	28	ug/Kg		03/04/21 22:36	03/09/21 16:51	1
2-Hexanone	<260		1000	260	ug/Kg		03/04/21 22:36	03/09/21 16:51	1
Ethylbenzene	<47		250	47	ug/Kg		03/04/21 22:36	03/09/21 16:51	1
1,2-Dibromo-3-Chloropropane	<220		500	220	ug/Kg		03/04/21 22:36	03/09/21 16:51	1
Ethylene Dibromide	<79		250	79	ug/Kg		03/04/21 22:36	03/09/21 16:51	1
1,4-Dioxane	<2300		13000	2300	ug/Kg		03/04/21 22:36	03/09/21 16:51	1
Dichlorodifluoromethane	<53		250	53	ug/Kg		03/04/21 22:36	03/09/21 16:51	1
2-Butanone (MEK)	<160		1000	160	ug/Kg		03/04/21 22:36	03/09/21 16:51	1
cis-1,2-Dichloroethene	<40		250	40	ug/Kg		03/04/21 22:36	03/09/21 16:51	1
4-Methyl-2-pentanone (MIBK)	<240		1000	240	ug/Kg		03/04/21 22:36	03/09/21 16:51	1
Isopropylbenzene	<38		250	38	ug/Kg		03/04/21 22:36	03/09/21 16:51	1

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: MB 240-475548/1-A
Matrix: Solid
Analysis Batch: 476041

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 475548

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Methyl tert-butyl ether	<37		250	37	ug/Kg		03/04/21 22:36	03/09/21 16:51	1
Methylene Chloride	<380		500	380	ug/Kg		03/04/21 22:36	03/09/21 16:51	1
1,1,2,2-Tetrachloroethane	<150		250	150	ug/Kg		03/04/21 22:36	03/09/21 16:51	1
1,2-Dichlorobenzene	<120		250	120	ug/Kg		03/04/21 22:36	03/09/21 16:51	1
Styrene	<52		250	52	ug/Kg		03/04/21 22:36	03/09/21 16:51	1
1,3-Dichlorobenzene	<46		250	46	ug/Kg		03/04/21 22:36	03/09/21 16:51	1
Tetrachloroethene	<97		250	97	ug/Kg		03/04/21 22:36	03/09/21 16:51	1
1,4-Dichlorobenzene	<55		250	55	ug/Kg		03/04/21 22:36	03/09/21 16:51	1
Toluene	<240		250	240	ug/Kg		03/04/21 22:36	03/09/21 16:51	1
trans-1,2-Dichloroethene	<62		250	62	ug/Kg		03/04/21 22:36	03/09/21 16:51	1
1,2,4-Trichlorobenzene	<130		250	130	ug/Kg		03/04/21 22:36	03/09/21 16:51	1
trans-1,3-Dichloropropene	<110		250	110	ug/Kg		03/04/21 22:36	03/09/21 16:51	1
1,1,1-Trichloroethane	<78		250	78	ug/Kg		03/04/21 22:36	03/09/21 16:51	1
1,1,2-Trichloroethane	<57		250	57	ug/Kg		03/04/21 22:36	03/09/21 16:51	1
Trichloroethene	<140		250	140	ug/Kg		03/04/21 22:36	03/09/21 16:51	1
Trichlorofluoromethane	<140		250	140	ug/Kg		03/04/21 22:36	03/09/21 16:51	1
Vinyl chloride	<120		250	120	ug/Kg		03/04/21 22:36	03/09/21 16:51	1
Chlorodibromomethane	<120		250	120	ug/Kg		03/04/21 22:36	03/09/21 16:51	1
Naphthalene	<120		250	120	ug/Kg		03/04/21 22:36	03/09/21 16:51	1
Xylenes, Total	<91		500	91	ug/Kg		03/04/21 22:36	03/09/21 16:51	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*99*		*47 - 136*	*03/04/21 22:36*	*03/09/21 16:51*	*1*
4-Bromofluorobenzene (Surr)	*93*		*51 - 124*	*03/04/21 22:36*	*03/09/21 16:51*	*1*
Toluene-d8 (Surr)	*96*		*55 - 123*	*03/04/21 22:36*	*03/09/21 16:51*	*1*
Dibromofluoromethane (Surr)	*84*		*49 - 122*	*03/04/21 22:36*	*03/09/21 16:51*	*1*

Lab Sample ID: LCS 240-475548/2-A
Matrix: Solid
Analysis Batch: 476041

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 475548

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Acetone	2000	2310		ug/Kg		115	47 - 157
Benzene	1000	966		ug/Kg		97	75 - 120
Bromoform	1000	718		ug/Kg		72	44 - 131
Bromomethane	1000	927		ug/Kg		93	10 - 158
Carbon disulfide	1000	557		ug/Kg		56	33 - 144
Carbon tetrachloride	1000	781		ug/Kg		78	54 - 130
1,1-Dichloroethane	1000	928		ug/Kg		93	69 - 120
Chlorobenzene	1000	942		ug/Kg		94	79 - 120
1,2-Dichloroethane	1000	1020		ug/Kg		102	66 - 120
Chloroethane	1000	305		ug/Kg		30	10 - 159
Chloroform	1000	953		ug/Kg		95	74 - 120
1,1-Dichloroethene	1000	940		ug/Kg		94	48 - 140
Chloromethane	1000	781		ug/Kg		78	40 - 127
1,2-Dichloropropane	1000	1050		ug/Kg		105	77 - 120
cis-1,3-Dichloropropene	1000	980		ug/Kg		98	62 - 124
Dichlorobromomethane	1000	874		ug/Kg		87	63 - 121

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: LCS 240-475548/2-A
Matrix: Solid
Analysis Batch: 476041

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 475548

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
2-Hexanone	2000	2240		ug/Kg		112	54 - 135
Ethylbenzene	1000	990		ug/Kg		99	75 - 120
1,2-Dibromo-3-Chloropropane	1000	864		ug/Kg		86	35 - 137
Ethylene Dibromide	1000	972		ug/Kg		97	73 - 126
1,4-Dioxane	20000	23200		ug/Kg		116	44 - 154
Dichlorodifluoromethane	1000	501		ug/Kg		50	18 - 137
2-Butanone (MEK)	2000	2210		ug/Kg		111	61 - 131
cis-1,2-Dichloroethene	1000	992		ug/Kg		99	76 - 120
4-Methyl-2-pentanone (MIBK)	2000	2200		ug/Kg		110	56 - 124
Isopropylbenzene	1000	1070		ug/Kg		107	74 - 120
Methyl tert-butyl ether	1000	1180		ug/Kg		118	66 - 120
Methylene Chloride	1000	787		ug/Kg		79	48 - 142
1,1,2,2-Tetrachloroethane	1000	1070		ug/Kg		107	61 - 134
1,2-Dichlorobenzene	1000	990		ug/Kg		99	74 - 120
Styrene	1000	950		ug/Kg		95	70 - 120
1,3-Dichlorobenzene	1000	974		ug/Kg		97	74 - 120
Tetrachloroethene	1000	916		ug/Kg		92	75 - 124
1,4-Dichlorobenzene	1000	961		ug/Kg		96	74 - 120
Toluene	1000	1010		ug/Kg		101	76 - 120
trans-1,2-Dichloroethene	1000	902		ug/Kg		90	74 - 125
1,2,4-Trichlorobenzene	1000	1030		ug/Kg		103	56 - 120
trans-1,3-Dichloropropene	1000	958		ug/Kg		96	58 - 120
1,1,1-Trichloroethane	1000	1040		ug/Kg		104	60 - 126
1,1,2-Trichloroethane	1000	1070		ug/Kg		107	78 - 120
Trichloroethene	1000	891		ug/Kg		89	75 - 123
m-Xylene & p-Xylene	1000	1000		ug/Kg		100	76 - 120
Trichlorofluoromethane	1000	715		ug/Kg		71	33 - 152
o-Xylene	1000	1030		ug/Kg		103	76 - 120
Vinyl chloride	1000	817		ug/Kg		82	39 - 140
Chlorodibromomethane	1000	776		ug/Kg		78	60 - 121
Naphthalene	1000	1110		ug/Kg		111	43 - 127
Xylenes, Total	2000	2030		ug/Kg		102	77 - 120

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
1,2-Dichloroethane-d4 (Surr)	*86*		*47 - 136*
4-Bromofluorobenzene (Surr)	*95*		*51 - 124*
Toluene-d8 (Surr)	*90*		*55 - 123*
Dibromofluoromethane (Surr)	*83*		*49 - 122*

Lab Sample ID: MB 240-475715/1-A
Matrix: Solid
Analysis Batch: 476287

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 475715

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	255	J	1000	240	ug/Kg		03/05/21 19:24	03/10/21 20:24	1
Benzene	<42		250	42	ug/Kg		03/05/21 19:24	03/10/21 20:24	1
Bromoform	<230		250	230	ug/Kg		03/05/21 19:24	03/10/21 20:24	1
Bromomethane	<170		250	170	ug/Kg		03/05/21 19:24	03/10/21 20:24	1

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: MB 240-475715/1-A
Matrix: Solid
Analysis Batch: 476287

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 475715

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Carbon disulfide	<110		250	110	ug/Kg		03/05/21 19:24	03/10/21 20:24	1
Carbon tetrachloride	<100		250	100	ug/Kg		03/05/21 19:24	03/10/21 20:24	1
1,1-Dichloroethane	<48		250	48	ug/Kg		03/05/21 19:24	03/10/21 20:24	1
Chlorobenzene	<35		250	35	ug/Kg		03/05/21 19:24	03/10/21 20:24	1
1,2-Dichloroethane	<47		250	47	ug/Kg		03/05/21 19:24	03/10/21 20:24	1
Chloroethane	<150		250	150	ug/Kg		03/05/21 19:24	03/10/21 20:24	1
Chloroform	<54		250	54	ug/Kg		03/05/21 19:24	03/10/21 20:24	1
1,1-Dichloroethene	<82		250	82	ug/Kg		03/05/21 19:24	03/10/21 20:24	1
Chloromethane	<66		250	66	ug/Kg		03/05/21 19:24	03/10/21 20:24	1
1,2-Dichloropropane	<37		250	37	ug/Kg		03/05/21 19:24	03/10/21 20:24	1
cis-1,3-Dichloropropene	<120		250	120	ug/Kg		03/05/21 19:24	03/10/21 20:24	1
Dichlorobromomethane	<28		250	28	ug/Kg		03/05/21 19:24	03/10/21 20:24	1
2-Hexanone	<260		1000	260	ug/Kg		03/05/21 19:24	03/10/21 20:24	1
Ethylbenzene	<47		250	47	ug/Kg		03/05/21 19:24	03/10/21 20:24	1
1,2-Dibromo-3-Chloropropane	<220		500	220	ug/Kg		03/05/21 19:24	03/10/21 20:24	1
Ethylene Dibromide	<79		250	79	ug/Kg		03/05/21 19:24	03/10/21 20:24	1
1,4-Dioxane	<2300		13000	2300	ug/Kg		03/05/21 19:24	03/10/21 20:24	1
Dichlorodifluoromethane	<53		250	53	ug/Kg		03/05/21 19:24	03/10/21 20:24	1
2-Butanone (MEK)	<160		1000	160	ug/Kg		03/05/21 19:24	03/10/21 20:24	1
cis-1,2-Dichloroethene	<40		250	40	ug/Kg		03/05/21 19:24	03/10/21 20:24	1
4-Methyl-2-pentanone (MIBK)	<240		1000	240	ug/Kg		03/05/21 19:24	03/10/21 20:24	1
Isopropylbenzene	<38		250	38	ug/Kg		03/05/21 19:24	03/10/21 20:24	1
Methyl tert-butyl ether	<37		250	37	ug/Kg		03/05/21 19:24	03/10/21 20:24	1
Methylene Chloride	<380		500	380	ug/Kg		03/05/21 19:24	03/10/21 20:24	1
1,1,2,2-Tetrachloroethane	<150		250	150	ug/Kg		03/05/21 19:24	03/10/21 20:24	1
1,2-Dichlorobenzene	<120		250	120	ug/Kg		03/05/21 19:24	03/10/21 20:24	1
Styrene	<52		250	52	ug/Kg		03/05/21 19:24	03/10/21 20:24	1
1,3-Dichlorobenzene	<46		250	46	ug/Kg		03/05/21 19:24	03/10/21 20:24	1
Tetrachloroethene	<97		250	97	ug/Kg		03/05/21 19:24	03/10/21 20:24	1
1,4-Dichlorobenzene	<55		250	55	ug/Kg		03/05/21 19:24	03/10/21 20:24	1
Toluene	<240		250	240	ug/Kg		03/05/21 19:24	03/10/21 20:24	1
trans-1,2-Dichloroethene	<62		250	62	ug/Kg		03/05/21 19:24	03/10/21 20:24	1
1,2,4-Trichlorobenzene	<130		250	130	ug/Kg		03/05/21 19:24	03/10/21 20:24	1
trans-1,3-Dichloropropene	<110		250	110	ug/Kg		03/05/21 19:24	03/10/21 20:24	1
1,1,1-Trichloroethane	<78		250	78	ug/Kg		03/05/21 19:24	03/10/21 20:24	1
1,1,2-Trichloroethane	<57		250	57	ug/Kg		03/05/21 19:24	03/10/21 20:24	1
Trichloroethene	<140		250	140	ug/Kg		03/05/21 19:24	03/10/21 20:24	1
Trichlorofluoromethane	<140		250	140	ug/Kg		03/05/21 19:24	03/10/21 20:24	1
Vinyl chloride	<120		250	120	ug/Kg		03/05/21 19:24	03/10/21 20:24	1
Chlorodibromomethane	<120		250	120	ug/Kg		03/05/21 19:24	03/10/21 20:24	1
Naphthalene	<120		250	120	ug/Kg		03/05/21 19:24	03/10/21 20:24	1
Xylenes, Total	<91		500	91	ug/Kg		03/05/21 19:24	03/10/21 20:24	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*93*		*59 - 120*	*03/05/21 19:24*	*03/10/21 20:24*	*1*
4-Bromofluorobenzene (Surr)	*98*		*51 - 127*	*03/05/21 19:24*	*03/10/21 20:24*	*1*
Toluene-d8 (Surr)	*96*		*64 - 124*	*03/05/21 19:24*	*03/10/21 20:24*	*1*
Dibromofluoromethane (Surr)	*81*		*56 - 122*	*03/05/21 19:24*	*03/10/21 20:24*	*1*

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: LCS 240-475715/2-A
Matrix: Solid
Analysis Batch: 476287

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 475715

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Acetone	2000	2300		ug/Kg		115	47 - 157
Benzene	1000	1000		ug/Kg		100	75 - 120
Bromoform	1000	706		ug/Kg		71	44 - 131
Bromomethane	1000	648		ug/Kg		65	10 - 158
Carbon disulfide	1000	572		ug/Kg		57	33 - 144
Carbon tetrachloride	1000	806		ug/Kg		81	54 - 130
1,1-Dichloroethane	1000	951		ug/Kg		95	69 - 120
Chlorobenzene	1000	956		ug/Kg		96	79 - 120
1,2-Dichloroethane	1000	977		ug/Kg		98	66 - 120
Chloroethane	1000	268		ug/Kg		27	10 - 159
Chloroform	1000	1000		ug/Kg		100	74 - 120
1,1-Dichloroethene	1000	932		ug/Kg		93	48 - 140
Chloromethane	1000	635		ug/Kg		64	40 - 127
1,2-Dichloropropane	1000	1040		ug/Kg		104	77 - 120
cis-1,3-Dichloropropene	1000	1010		ug/Kg		101	62 - 124
Dichlorobromomethane	1000	968		ug/Kg		97	63 - 121
2-Hexanone	2000	2230		ug/Kg		111	54 - 135
Ethylbenzene	1000	1060		ug/Kg		106	75 - 120
1,2-Dibromo-3-Chloropropane	1000	897		ug/Kg		90	35 - 137
Ethylene Dibromide	1000	1000		ug/Kg		100	73 - 126
1,4-Dioxane	20000	24200		ug/Kg		121	44 - 154
Dichlorodifluoromethane	1000	484		ug/Kg		48	18 - 137
2-Butanone (MEK)	2000	1950		ug/Kg		97	61 - 131
cis-1,2-Dichloroethene	1000	1020		ug/Kg		102	76 - 120
4-Methyl-2-pentanone (MIBK)	2000	2190		ug/Kg		110	56 - 124
Isopropylbenzene	1000	1140		ug/Kg		114	74 - 120
Methyl tert-butyl ether	1000	1200		ug/Kg		120	66 - 120
Methylene Chloride	1000	810		ug/Kg		81	48 - 142
1,1,2,2-Tetrachloroethane	1000	1180		ug/Kg		118	61 - 134
1,2-Dichlorobenzene	1000	1000		ug/Kg		100	74 - 120
Styrene	1000	987		ug/Kg		99	70 - 120
1,3-Dichlorobenzene	1000	1030		ug/Kg		103	74 - 120
Tetrachloroethene	1000	902		ug/Kg		90	75 - 124
1,4-Dichlorobenzene	1000	1000		ug/Kg		100	74 - 120
Toluene	1000	1080		ug/Kg		108	76 - 120
trans-1,2-Dichloroethene	1000	922		ug/Kg		92	74 - 125
1,2,4-Trichlorobenzene	1000	1060		ug/Kg		106	56 - 120
trans-1,3-Dichloropropene	1000	991		ug/Kg		99	58 - 120
1,1,1-Trichloroethane	1000	1040		ug/Kg		104	60 - 126
1,1,2-Trichloroethane	1000	1130		ug/Kg		113	78 - 120
Trichloroethene	1000	892		ug/Kg		89	75 - 123
m-Xylene & p-Xylene	1000	1040		ug/Kg		104	76 - 120
Trichlorofluoromethane	1000	695		ug/Kg		69	33 - 152
o-Xylene	1000	1070		ug/Kg		107	76 - 120
Vinyl chloride	1000	694		ug/Kg		69	39 - 140
Chlorodibromomethane	1000	808		ug/Kg		81	60 - 121
Naphthalene	1000	1180		ug/Kg		118	43 - 127
Xylenes, Total	2000	2110		ug/Kg		106	77 - 120

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: LCS 240-475715/2-A
Matrix: Solid
Analysis Batch: 476287

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 475715

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
1,2-Dichloroethane-d4 (Surr)	*80*		*59 - 120*
4-Bromofluorobenzene (Surr)	*100*		*51 - 127*
Toluene-d8 (Surr)	*90*		*64 - 124*
Dibromofluoromethane (Surr)	*81*		*56 - 122*

Lab Sample ID: 240-145104-11 MS
Matrix: Solid
Analysis Batch: 476287

Client Sample ID: CB02SED01
Prep Type: Total/NA
Prep Batch: 475715

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
Acetone	<2700		1950	4130	J	ug/Kg	☼	NC	18 - 167
Benzene	<460		974	921	J	ug/Kg	☼	95	32 - 131
Bromoform	<2500		974	<2600		ug/Kg	☼	NC	10 - 122
Bromomethane	<1800		974	<1900		ug/Kg	☼	NC	10 - 149
Carbon disulfide	<1200		974	<1200		ug/Kg	☼	NC	10 - 134
Carbon tetrachloride	<1100		974	<1200		ug/Kg	☼	NC	13 - 131
1,1-Dichloroethane	3200	F1	974	6000	F1	ug/Kg	☼	286	35 - 129
Chlorobenzene	<380		974	896	J	ug/Kg	☼	92	16 - 129
1,2-Dichloroethane	<510		974	961	J	ug/Kg	☼	99	33 - 130
Chloroethane	<1600		974	<1700		ug/Kg	☼	NC	10 - 155
Chloroform	<590		974	941	J	ug/Kg	☼	97	38 - 129
1,1-Dichloroethene	<900	F1	974	<930	F1	ug/Kg	☼	0	20 - 150
Chloromethane	<720		974	780	J	ug/Kg	☼	80	20 - 140
1,2-Dichloropropane	<410		974	912	J	ug/Kg	☼	94	33 - 134
cis-1,3-Dichloropropene	<1400		974	1950	J	ug/Kg	☼	NC	12 - 131
Dichlorobromomethane	<310		974	829	J	ug/Kg	☼	85	18 - 125
2-Hexanone	<2900		1950	3860	J	ug/Kg	☼	NC	23 - 149
Ethylbenzene	<510		974	1040	J	ug/Kg	☼	107	12 - 133
1,2-Dibromo-3-Chloropropane	<2400		974	2770	J	ug/Kg	☼	NC	10 - 135
Ethylene Dibromide	<870	F1	974	<900	F1	ug/Kg	☼	0	24 - 138
1,4-Dioxane	<25000		19500	27500	J	ug/Kg	☼	NC	48 - 149
Dichlorodifluoromethane	<580	F1	974	<600	F1	ug/Kg	☼	0	10 - 141
2-Butanone (MEK)	<1700		1950	2180	J	ug/Kg	☼	112	31 - 148
cis-1,2-Dichloroethene	<440		974	963	J	ug/Kg	☼	99	35 - 130
4-Methyl-2-pentanone (MIBK)	<2600		1950	<2700		ug/Kg	☼	NC	29 - 140
Isopropylbenzene	<420		974	977	J	ug/Kg	☼	100	10 - 135
Methyl tert-butyl ether	<410		974	1160	J	ug/Kg	☼	119	42 - 127
Methylene Chloride	<4200		974	<4400		ug/Kg	☼	NC	22 - 153
1,1,2,2-Tetrachloroethane	<1600		974	<1700		ug/Kg	☼	NC	10 - 168
1,2-Dichlorobenzene	<1300		974	<1400		ug/Kg	☼	NC	10 - 131
Styrene	<570		974	824	J	ug/Kg	☼	85	10 - 127
1,3-Dichlorobenzene	<500		974	894	J	ug/Kg	☼	92	10 - 131
Tetrachloroethene	18000		974	37400	4	ug/Kg	☼	1956	13 - 144
1,4-Dichlorobenzene	<600		974	886	J	ug/Kg	☼	91	10 - 129
Toluene	<2600		974	2820		ug/Kg	☼	NC	20 - 141
trans-1,2-Dichloroethene	<680		974	822	J	ug/Kg	☼	84	31 - 138
1,2,4-Trichlorobenzene	<1500		974	<1500		ug/Kg	☼	NC	10 - 120
trans-1,3-Dichloropropene	<1200		974	2380	J	ug/Kg	☼	NC	10 - 123

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: 240-145104-11 MS
Matrix: Solid
Analysis Batch: 476287

Client Sample ID: CB02SED01
Prep Type: Total/NA
Prep Batch: 475715

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
1,1,1-Trichloroethane	62000		974	132000	4	ug/Kg	☼	7214	27 - 131
1,1,2-Trichloroethane	<620		974	1010	J	ug/Kg	☼	104	17 - 152
Trichloroethene	<1600		974	<1600		ug/Kg	☼	NC	10 - 162
m-Xylene & p-Xylene	<580	F1	974	1480	J F1	ug/Kg	☼	152	10 - 132
Trichlorofluoromethane	<1500		974	<1600		ug/Kg	☼	NC	16 - 148
o-Xylene	<470		974	1150	J	ug/Kg	☼	118	11 - 134
Vinyl chloride	<1300		974	<1400		ug/Kg	☼	NC	15 - 150
Chlorodibromomethane	<1300		974	2050	J	ug/Kg	☼	NC	15 - 125
Naphthalene	<1300		974	<1300		ug/Kg	☼	NC	10 - 120
Xylenes, Total	<1000	F1	1950	2630	J F1	ug/Kg	☼	135	10 - 134

Surrogate	*MS %Recovery*	*MS Qualifier*	*Limits*
1,2-Dichloroethane-d4 (Surr)	*81*		*59 - 120*
4-Bromofluorobenzene (Surr)	*91*		*51 - 127*
Toluene-d8 (Surr)	*84*		*64 - 124*
Dibromofluoromethane (Surr)	*77*		*56 - 122*

Lab Sample ID: 240-145104-11 MSD
Matrix: Solid
Analysis Batch: 476287

Client Sample ID: CB02SED01
Prep Type: Total/NA
Prep Batch: 475715

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Acetone	<2700		2030	4370	J	ug/Kg	☼	NC	18 - 167	6	40
Benzene	<460		1010	963	J	ug/Kg	☼	95	32 - 131	4	40
Bromoform	<2500		1010	<2700		ug/Kg	☼	NC	10 - 122	NC	40
Bromomethane	<1800		1010	<2000		ug/Kg	☼	NC	10 - 149	NC	40
Carbon disulfide	<1200		1010	<1300		ug/Kg	☼	NC	10 - 134	NC	40
Carbon tetrachloride	<1100		1010	<1200		ug/Kg	☼	NC	13 - 131	NC	40
1,1-Dichloroethane	3200	F1	1010	7890	F1	ug/Kg	☼	462	35 - 129	27	40
Chlorobenzene	<380		1010	979	J	ug/Kg	☼	97	16 - 129	9	40
1,2-Dichloroethane	<510		1010	992	J	ug/Kg	☼	98	33 - 130	3	40
Chloroethane	<1600		1010	<1800		ug/Kg	☼	NC	10 - 155	NC	40
Chloroform	<590		1010	989	J	ug/Kg	☼	98	38 - 129	5	40
1,1-Dichloroethene	<900	F1	1010	1060	J	ug/Kg	☼	105	20 - 150	NC	40
Chloromethane	<720		1010	860	J	ug/Kg	☼	85	20 - 140	10	40
1,2-Dichloropropane	<410		1010	975	J	ug/Kg	☼	96	33 - 134	7	40
cis-1,3-Dichloropropene	<1400		1010	2090	J	ug/Kg	☼	NC	12 - 131	7	40
Dichlorobromomethane	<310		1010	930	J	ug/Kg	☼	92	18 - 125	11	40
2-Hexanone	<2900		2030	4180	J	ug/Kg	☼	NC	23 - 149	8	40
Ethylbenzene	<510		1010	1110	J	ug/Kg	☼	109	12 - 133	6	40
1,2-Dibromo-3-Chloropropane	<2400		1010	2850	J	ug/Kg	☼	NC	10 - 135	3	40
Ethylene Dibromide	<870	F1	1010	<930	F1	ug/Kg	☼	0	24 - 138	NC	40
1,4-Dioxane	<25000		20300	28100	J	ug/Kg	☼	NC	48 - 149	2	40
Dichlorodifluoromethane	<580	F1	1010	<630	F1	ug/Kg	☼	0	10 - 141	NC	40
2-Butanone (MEK)	<1700		2030	2450	J	ug/Kg	☼	121	31 - 148	12	40
cis-1,2-Dichloroethene	<440		1010	1060	J	ug/Kg	☼	105	35 - 130	10	40
4-Methyl-2-pentanone (MIBK)	<2600		2030	<2800		ug/Kg	☼	NC	29 - 140	NC	40
Isopropylbenzene	<420		1010	1100	J	ug/Kg	☼	108	10 - 135	12	40

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: 240-145104-11 MSD — **Client Sample ID: CB02SED01**
Matrix: Solid — **Prep Type: Total/NA**
Analysis Batch: 476287 — **Prep Batch: 475715**

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Methyl tert-butyl ether	<410		1010	1160	J	ug/Kg	☼	114	42 - 127	0	40
Methylene Chloride	<4200		1010	<4500		ug/Kg	☼	NC	22 - 153	NC	40
1,1,2,2-Tetrachloroethane	<1600		1010	<1800		ug/Kg	☼	NC	10 - 168	NC	40
1,2-Dichlorobenzene	<1300		1010	<1400		ug/Kg	☼	NC	10 - 131	NC	40
Styrene	<570		1010	886	J	ug/Kg	☼	87	10 - 127	7	40
1,3-Dichlorobenzene	<500		1010	950	J	ug/Kg	☼	94	10 - 131	6	40
Tetrachloroethene	18000		1010	44000	4	ug/Kg	☼	2526	13 - 144	16	40
1,4-Dichlorobenzene	<600		1010	982	J	ug/Kg	☼	97	10 - 129	10	40
Toluene	<2600		1010	3470		ug/Kg	☼	NC	20 - 141	21	40
trans-1,2-Dichloroethene	<680		1010	942	J	ug/Kg	☼	93	31 - 138	14	40
1,2,4-Trichlorobenzene	<1500		1010	<1600		ug/Kg	☼	NC	10 - 120	NC	40
trans-1,3-Dichloropropene	<1200		1010	2460	J	ug/Kg	☼	NC	10 - 123	3	40
1,1,1-Trichloroethane	62000		1010	180000	E 4	ug/Kg	☼	11661	27 - 131	31	40
1,1,2-Trichloroethane	<620		1010	995	J	ug/Kg	☼	98	17 - 152	1	40
Trichloroethene	<1600		1010	<1700		ug/Kg	☼	NC	10 - 162	NC	40
m-Xylene & p-Xylene	<580	F1	1010	1730	J F1	ug/Kg	☼	171	10 - 132	16	40
Trichlorofluoromethane	<1500		1010	<1600		ug/Kg	☼	NC	16 - 148	NC	40
o-Xylene	<470		1010	1350	J	ug/Kg	☼	134	11 - 134	17	40
Vinyl chloride	<1300		1010	<1500		ug/Kg	☼	NC	15 - 150	NC	40
Chlorodibromomethane	<1300		1010	2180	J	ug/Kg	☼	NC	15 - 125	6	40
Naphthalene	<1300		1010	<1400		ug/Kg	☼	NC	10 - 120	NC	40
Xylenes, Total	<1000	F1	2030	3080	J F1	ug/Kg	☼	152	10 - 134	16	40

Surrogate	*MSD %Recovery*	*MSD Qualifier*	*Limits*
1,2-Dichloroethane-d4 (Surr)	*87*		*59 - 120*
4-Bromofluorobenzene (Surr)	*94*		*51 - 127*
Toluene-d8 (Surr)	*89*		*64 - 124*
Dibromofluoromethane (Surr)	*85*		*56 - 122*

Lab Sample ID: LCS 240-476104/11 — **Client Sample ID: Lab Control Sample**
Matrix: Solid — **Prep Type: Total/NA**
Analysis Batch: 476104

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits		
Benzene			1.00	0.973		mg/L		97	80 - 122		
Carbon tetrachloride			1.00	0.913		mg/L		91	67 - 126		
Chlorobenzene			1.00	1.05		mg/L		105	80 - 120		
1,2-Dichloroethane			1.00	0.931		mg/L		93	67 - 125		
Chloroform			1.00	0.905		mg/L		91	80 - 120		
1,1-Dichloroethene			1.00	0.955		mg/L		96	80 - 128		
2-Butanone (MEK)			2.00	1.71		mg/L		85	55 - 127		
Tetrachloroethene			1.00	1.01		mg/L		101	76 - 120		
Trichloroethene			1.00	0.920		mg/L		92	77 - 120		
Vinyl chloride			1.00	0.854		mg/L		85	60 - 134		

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
1,2-Dichloroethane-d4 (Surr)	*90*		*74 - 124*
4-Bromofluorobenzene (Surr)	*106*		*77 - 120*

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: LCS 240-476104/11
Matrix: Solid
Analysis Batch: 476104

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

Surrogate	LCS %Recovery	LCS Qualifier	Limits
Toluene-d8 (Surr)	103		80 - 120
Dibromofluoromethane (Surr)	85		80 - 120

Lab Sample ID: MB 240-476239/6
Matrix: Solid
Analysis Batch: 476239

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

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	<21		25	21	ug/Kg			03/10/21 13:35	1
Benzene	<0.70		5.0	0.70	ug/Kg			03/10/21 13:35	1
Bromoform	<2.4		5.0	2.4	ug/Kg			03/10/21 13:35	1
Bromomethane	<0.99		5.0	0.99	ug/Kg			03/10/21 13:35	1
Carbon disulfide	<1.2		5.0	1.2	ug/Kg			03/10/21 13:35	1
Carbon tetrachloride	<3.3		5.0	3.3	ug/Kg			03/10/21 13:35	1
1,1-Dichloroethane	<0.69		5.0	0.69	ug/Kg			03/10/21 13:35	1
Chlorobenzene	<0.92		5.0	0.92	ug/Kg			03/10/21 13:35	1
1,2-Dichloroethane	<0.77		5.0	0.77	ug/Kg			03/10/21 13:35	1
Chloroethane	<1.2		5.0	1.2	ug/Kg			03/10/21 13:35	1
Chloroform	<0.79		5.0	0.79	ug/Kg			03/10/21 13:35	1
1,1-Dichloroethene	<0.90		5.0	0.90	ug/Kg			03/10/21 13:35	1
Chloromethane	<1.0		5.0	1.0	ug/Kg			03/10/21 13:35	1
1,2-Dichloropropane	<0.85		5.0	0.85	ug/Kg			03/10/21 13:35	1
cis-1,3-Dichloropropene	<1.4		5.0	1.4	ug/Kg			03/10/21 13:35	1
Dichlorobromomethane	<0.68		5.0	0.68	ug/Kg			03/10/21 13:35	1
2-Hexanone	<4.1		20	4.1	ug/Kg			03/10/21 13:35	1
Ethylbenzene	<1.0		5.0	1.0	ug/Kg			03/10/21 13:35	1
1,2-Dibromo-3-Chloropropane	<3.6		10	3.6	ug/Kg			03/10/21 13:35	1
Ethylene Dibromide	<0.77		5.0	0.77	ug/Kg			03/10/21 13:35	1
1,4-Dioxane	<22		250	22	ug/Kg			03/10/21 13:35	1
Dichlorodifluoromethane	<0.94		5.0	0.94	ug/Kg			03/10/21 13:35	1
2-Butanone (MEK)	<3.6		20	3.6	ug/Kg			03/10/21 13:35	1
cis-1,2-Dichloroethene	<0.65		5.0	0.65	ug/Kg			03/10/21 13:35	1
4-Methyl-2-pentanone (MIBK)	<3.7		20	3.7	ug/Kg			03/10/21 13:35	1
Isopropylbenzene	<0.83		5.0	0.83	ug/Kg			03/10/21 13:35	1
Methyl tert-butyl ether	<0.82		5.0	0.82	ug/Kg			03/10/21 13:35	1
Methylene Chloride	<12		25	12	ug/Kg			03/10/21 13:35	1
1,1,2,2-Tetrachloroethane	<1.4		5.0	1.4	ug/Kg			03/10/21 13:35	1
1,2-Dichlorobenzene	<1.1		5.0	1.1	ug/Kg			03/10/21 13:35	1
Styrene	<1.2		5.0	1.2	ug/Kg			03/10/21 13:35	1
1,3-Dichlorobenzene	<0.82		5.0	0.82	ug/Kg			03/10/21 13:35	1
Tetrachloroethene	<0.73		5.0	0.73	ug/Kg			03/10/21 13:35	1
1,4-Dichlorobenzene	<0.88		5.0	0.88	ug/Kg			03/10/21 13:35	1
Toluene	<0.77		5.0	0.77	ug/Kg			03/10/21 13:35	1
trans-1,2-Dichloroethene	<0.47		5.0	0.47	ug/Kg			03/10/21 13:35	1
1,2,4-Trichlorobenzene	<0.57		5.0	0.57	ug/Kg			03/10/21 13:35	1
trans-1,3-Dichloropropene	<1.0		5.0	1.0	ug/Kg			03/10/21 13:35	1
1,1,1-Trichloroethane	<0.82		5.0	0.82	ug/Kg			03/10/21 13:35	1
1,1,2-Trichloroethane	<1.1		5.0	1.1	ug/Kg			03/10/21 13:35	1

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: MB 240-476239/6
Matrix: Solid
Analysis Batch: 476239

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

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Trichloroethene	<0.63		5.0	0.63	ug/Kg			03/10/21 13:35	1
Trichlorofluoromethane	<1.1		5.0	1.1	ug/Kg			03/10/21 13:35	1
Vinyl chloride	<0.84		5.0	0.84	ug/Kg			03/10/21 13:35	1
Chlorodibromomethane	<2.8		5.0	2.8	ug/Kg			03/10/21 13:35	1
Naphthalene	<2.7		5.0	2.7	ug/Kg			03/10/21 13:35	1
Xylenes, Total	<1.6		10	1.6	ug/Kg			03/10/21 13:35	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*81*		*59 - 120*		*03/10/21 13:35*	*1*
4-Bromofluorobenzene (Surr)	*90*		*51 - 127*		*03/10/21 13:35*	*1*
Toluene-d8 (Surr)	*92*		*64 - 124*		*03/10/21 13:35*	*1*
Dibromofluoromethane (Surr)	*84*		*56 - 122*		*03/10/21 13:35*	*1*

Lab Sample ID: LCS 240-476239/5
Matrix: Solid
Analysis Batch: 476239

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

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Acetone	100	97.5		ug/Kg		98	47 - 157
Benzene	50.0	49.4		ug/Kg		99	75 - 120
Bromoform	50.0	57.5		ug/Kg		115	44 - 131
Bromomethane	20.0	19.8		ug/Kg		99	10 - 158
Carbon disulfide	50.0	45.9		ug/Kg		92	33 - 144
Carbon tetrachloride	50.0	51.7		ug/Kg		103	54 - 130
1,1-Dichloroethane	50.0	45.6		ug/Kg		91	69 - 120
Chlorobenzene	50.0	49.2		ug/Kg		98	79 - 120
1,2-Dichloroethane	50.0	42.7		ug/Kg		85	66 - 120
Chloroethane	20.0	18.0		ug/Kg		90	10 - 159
Chloroform	50.0	47.5		ug/Kg		95	74 - 120
1,1-Dichloroethene	50.0	50.1		ug/Kg		100	48 - 140
Chloromethane	20.0	17.1		ug/Kg		85	40 - 127
1,2-Dichloropropane	50.0	48.1		ug/Kg		96	77 - 120
cis-1,3-Dichloropropene	50.0	49.2		ug/Kg		98	62 - 124
Dichlorobromomethane	50.0	53.0		ug/Kg		106	63 - 121
2-Hexanone	100	94.9		ug/Kg		95	54 - 135
Ethylbenzene	50.0	51.0		ug/Kg		102	75 - 120
1,2-Dibromo-3-Chloropropane	50.0	48.4		ug/Kg		97	35 - 137
Ethylene Dibromide	50.0	51.0		ug/Kg		102	73 - 126
1,4-Dioxane	1000	867		ug/Kg		87	44 - 154
Dichlorodifluoromethane	20.0	19.0		ug/Kg		95	18 - 137
2-Butanone (MEK)	100	90.4		ug/Kg		90	61 - 131
cis-1,2-Dichloroethene	50.0	50.3		ug/Kg		101	76 - 120
4-Methyl-2-pentanone (MIBK)	100	91.9		ug/Kg		92	56 - 124
Isopropylbenzene	50.0	54.8		ug/Kg		110	74 - 120
Methyl tert-butyl ether	50.0	48.2		ug/Kg		96	66 - 120
Methylene Chloride	50.0	43.7		ug/Kg		87	48 - 142
1,1,2,2-Tetrachloroethane	50.0	50.8		ug/Kg		102	61 - 134
1,2-Dichlorobenzene	50.0	51.8		ug/Kg		104	74 - 120

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: LCS 240-476239/5
Matrix: Solid
Analysis Batch: 476239

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

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Styrene	50.0	51.2		ug/Kg		102	70 - 120
1,3-Dichlorobenzene	50.0	52.4		ug/Kg		105	74 - 120
Tetrachloroethene	50.0	55.2		ug/Kg		110	75 - 124
1,4-Dichlorobenzene	50.0	51.2		ug/Kg		102	74 - 120
Toluene	50.0	49.2		ug/Kg		98	76 - 120
trans-1,2-Dichloroethene	50.0	50.0		ug/Kg		100	74 - 125
1,2,4-Trichlorobenzene	50.0	52.3		ug/Kg		105	56 - 120
trans-1,3-Dichloropropene	50.0	46.5		ug/Kg		93	58 - 120
1,1,1-Trichloroethane	50.0	49.9		ug/Kg		100	60 - 126
1,1,2-Trichloroethane	50.0	48.8		ug/Kg		98	78 - 120
Trichloroethene	50.0	52.2		ug/Kg		104	75 - 123
m-Xylene & p-Xylene	50.0	51.2		ug/Kg		102	76 - 120
Trichlorofluoromethane	20.0	20.4		ug/Kg		102	33 - 152
o-Xylene	50.0	52.0		ug/Kg		104	76 - 120
Vinyl chloride	20.0	18.2		ug/Kg		91	39 - 140
Chlorodibromomethane	50.0	51.3		ug/Kg		103	60 - 121
Naphthalene	50.0	47.6		ug/Kg		95	43 - 127
Xylenes, Total	100	103		ug/Kg		103	77 - 120

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
1,2-Dichloroethane-d4 (Surr)	*80*		*59 - 120*
4-Bromofluorobenzene (Surr)	*91*		*51 - 127*
Toluene-d8 (Surr)	*93*		*64 - 124*
Dibromofluoromethane (Surr)	*87*		*56 - 122*

Lab Sample ID: MB 240-476287/6
Matrix: Solid
Analysis Batch: 476287

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

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	<21		25	21	ug/Kg			03/10/21 18:17	1
Benzene	<0.70		5.0	0.70	ug/Kg			03/10/21 18:17	1
Bromoform	<2.4		5.0	2.4	ug/Kg			03/10/21 18:17	1
Bromomethane	<0.99		5.0	0.99	ug/Kg			03/10/21 18:17	1
Carbon disulfide	<1.2		5.0	1.2	ug/Kg			03/10/21 18:17	1
Carbon tetrachloride	<3.3		5.0	3.3	ug/Kg			03/10/21 18:17	1
1,1-Dichloroethane	<0.69		5.0	0.69	ug/Kg			03/10/21 18:17	1
Chlorobenzene	<0.92		5.0	0.92	ug/Kg			03/10/21 18:17	1
1,2-Dichloroethane	<0.77		5.0	0.77	ug/Kg			03/10/21 18:17	1
Chloroethane	<1.2		5.0	1.2	ug/Kg			03/10/21 18:17	1
Chloroform	<0.79		5.0	0.79	ug/Kg			03/10/21 18:17	1
1,1-Dichloroethene	<0.90		5.0	0.90	ug/Kg			03/10/21 18:17	1
Chloromethane	<1.0		5.0	1.0	ug/Kg			03/10/21 18:17	1
1,2-Dichloropropane	<0.85		5.0	0.85	ug/Kg			03/10/21 18:17	1
cis-1,3-Dichloropropene	<1.4		5.0	1.4	ug/Kg			03/10/21 18:17	1
Dichlorobromomethane	<0.68		5.0	0.68	ug/Kg			03/10/21 18:17	1
2-Hexanone	4.23	J	20	4.1	ug/Kg			03/10/21 18:17	1
Ethylbenzene	<1.0		5.0	1.0	ug/Kg			03/10/21 18:17	1

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: MB 240-476287/6
Matrix: Solid
Analysis Batch: 476287

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

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2-Dibromo-3-Chloropropane	<3.6		10	3.6	ug/Kg			03/10/21 18:17	1
Ethylene Dibromide	<0.77		5.0	0.77	ug/Kg			03/10/21 18:17	1
1,4-Dioxane	<22		250	22	ug/Kg			03/10/21 18:17	1
Dichlorodifluoromethane	<0.94		5.0	0.94	ug/Kg			03/10/21 18:17	1
2-Butanone (MEK)	<3.6		20	3.6	ug/Kg			03/10/21 18:17	1
cis-1,2-Dichloroethene	<0.65		5.0	0.65	ug/Kg			03/10/21 18:17	1
4-Methyl-2-pentanone (MIBK)	<3.7		20	3.7	ug/Kg			03/10/21 18:17	1
Isopropylbenzene	<0.83		5.0	0.83	ug/Kg			03/10/21 18:17	1
Methyl tert-butyl ether	<0.82		5.0	0.82	ug/Kg			03/10/21 18:17	1
Methylene Chloride	<12		25	12	ug/Kg			03/10/21 18:17	1
1,1,2,2-Tetrachloroethane	<1.4		5.0	1.4	ug/Kg			03/10/21 18:17	1
1,2-Dichlorobenzene	<1.1		5.0	1.1	ug/Kg			03/10/21 18:17	1
Styrene	<1.2		5.0	1.2	ug/Kg			03/10/21 18:17	1
1,3-Dichlorobenzene	<0.82		5.0	0.82	ug/Kg			03/10/21 18:17	1
Tetrachloroethene	<0.73		5.0	0.73	ug/Kg			03/10/21 18:17	1
1,4-Dichlorobenzene	<0.88		5.0	0.88	ug/Kg			03/10/21 18:17	1
Toluene	<0.77		5.0	0.77	ug/Kg			03/10/21 18:17	1
trans-1,2-Dichloroethene	<0.47		5.0	0.47	ug/Kg			03/10/21 18:17	1
1,2,4-Trichlorobenzene	<0.57		5.0	0.57	ug/Kg			03/10/21 18:17	1
trans-1,3-Dichloropropene	<1.0		5.0	1.0	ug/Kg			03/10/21 18:17	1
1,1,1-Trichloroethane	<0.82		5.0	0.82	ug/Kg			03/10/21 18:17	1
1,1,2-Trichloroethane	<1.1		5.0	1.1	ug/Kg			03/10/21 18:17	1
Trichloroethene	<0.63		5.0	0.63	ug/Kg			03/10/21 18:17	1
Trichlorofluoromethane	<1.1		5.0	1.1	ug/Kg			03/10/21 18:17	1
Vinyl chloride	<0.84		5.0	0.84	ug/Kg			03/10/21 18:17	1
Chlorodibromomethane	<2.8		5.0	2.8	ug/Kg			03/10/21 18:17	1
Naphthalene	<2.7		5.0	2.7	ug/Kg			03/10/21 18:17	1
Xylenes, Total	<1.6		10	1.6	ug/Kg			03/10/21 18:17	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*95*		*59 - 120*		*03/10/21 18:17*	*1*
4-Bromofluorobenzene (Surr)	*113*		*51 - 127*		*03/10/21 18:17*	*1*
Toluene-d8 (Surr)	*103*		*64 - 124*		*03/10/21 18:17*	*1*
Dibromofluoromethane (Surr)	*95*		*56 - 122*		*03/10/21 18:17*	*1*

Lab Sample ID: LCS 240-476287/5
Matrix: Solid
Analysis Batch: 476287

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

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Acetone	100	123		ug/Kg		123	47 - 157
Benzene	50.0	53.1		ug/Kg		106	75 - 120
Bromoform	50.0	43.5		ug/Kg		87	44 - 131
Bromomethane	20.0	20.7		ug/Kg		103	10 - 158
Carbon disulfide	50.0	46.9		ug/Kg		94	33 - 144
Carbon tetrachloride	50.0	47.9		ug/Kg		96	54 - 130
1,1-Dichloroethane	50.0	49.3		ug/Kg		99	69 - 120
Chlorobenzene	50.0	50.8		ug/Kg		102	79 - 120

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: LCS 240-476287/5
Matrix: Solid
Analysis Batch: 476287

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

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
1,2-Dichloroethane	50.0	49.2		ug/Kg		98	66 - 120
Chloroethane	20.0	15.2		ug/Kg		76	10 - 159
Chloroform	50.0	51.7		ug/Kg		103	74 - 120
1,1-Dichloroethene	50.0	54.3		ug/Kg		109	48 - 140
Chloromethane	20.0	19.7		ug/Kg		98	40 - 127
1,2-Dichloropropane	50.0	53.5		ug/Kg		107	77 - 120
cis-1,3-Dichloropropene	50.0	53.6		ug/Kg		107	62 - 124
Dichlorobromomethane	50.0	58.1		ug/Kg		116	63 - 121
2-Hexanone	100	123		ug/Kg		123	54 - 135
Ethylbenzene	50.0	56.3		ug/Kg		113	75 - 120
1,2-Dibromo-3-Chloropropane	50.0	52.5		ug/Kg		105	35 - 137
Ethylene Dibromide	50.0	55.0		ug/Kg		110	73 - 126
1,4-Dioxane	1000	1260		ug/Kg		126	44 - 154
Dichlorodifluoromethane	20.0	17.0		ug/Kg		85	18 - 137
2-Butanone (MEK)	100	114		ug/Kg		114	61 - 131
cis-1,2-Dichloroethene	50.0	53.1		ug/Kg		106	76 - 120
4-Methyl-2-pentanone (MIBK)	100	127	*+	ug/Kg		127	56 - 124
Isopropylbenzene	50.0	57.9		ug/Kg		116	74 - 120
Methyl tert-butyl ether	50.0	59.9		ug/Kg		120	66 - 120
Methylene Chloride	50.0	50.1		ug/Kg		100	48 - 142
1,1,2,2-Tetrachloroethane	50.0	63.9		ug/Kg		128	61 - 134
1,2-Dichlorobenzene	50.0	51.1		ug/Kg		102	74 - 120
Styrene	50.0	52.9		ug/Kg		106	70 - 120
1,3-Dichlorobenzene	50.0	53.1		ug/Kg		106	74 - 120
Tetrachloroethene	50.0	50.1		ug/Kg		100	75 - 124
1,4-Dichlorobenzene	50.0	51.8		ug/Kg		104	74 - 120
Toluene	50.0	56.7		ug/Kg		113	76 - 120
trans-1,2-Dichloroethene	50.0	54.2		ug/Kg		108	74 - 125
1,2,4-Trichlorobenzene	50.0	53.5		ug/Kg		107	56 - 120
trans-1,3-Dichloropropene	50.0	52.6		ug/Kg		105	58 - 120
1,1,1-Trichloroethane	50.0	58.4		ug/Kg		117	60 - 126
1,1,2-Trichloroethane	50.0	58.8		ug/Kg		118	78 - 120
Trichloroethene	50.0	50.2		ug/Kg		100	75 - 123
m-Xylene & p-Xylene	50.0	54.3		ug/Kg		109	76 - 120
Trichlorofluoromethane	20.0	19.2		ug/Kg		96	33 - 152
o-Xylene	50.0	55.6		ug/Kg		111	76 - 120
Vinyl chloride	20.0	18.0		ug/Kg		90	39 - 140
Chlorodibromomethane	50.0	47.1		ug/Kg		94	60 - 121
Naphthalene	50.0	60.3		ug/Kg		121	43 - 127
Xylenes, Total	100	110		ug/Kg		110	77 - 120

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
1,2-Dichloroethane-d4 (Surr)	*85*		*59 - 120*
4-Bromofluorobenzene (Surr)	*112*		*51 - 127*
Toluene-d8 (Surr)	*105*		*64 - 124*
Dibromofluoromethane (Surr)	*90*		*56 - 122*

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: LCS 240-476637/5
Matrix: Solid
Analysis Batch: 476637

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

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Acetone	40.0	24.0		ug/L		60	33 - 155
Benzene	20.0	18.9		ug/L		95	77 - 123
Bromoform	20.0	20.6		ug/L		103	47 - 133
Bromomethane	20.0	14.5		ug/L		73	48 - 144
Carbon disulfide	20.0	16.9		ug/L		84	67 - 127
Carbon tetrachloride	20.0	19.3		ug/L		97	61 - 142
1,1-Dichloroethane	20.0	19.3		ug/L		96	74 - 126
Chlorobenzene	20.0	20.9		ug/L		104	80 - 120
1,2-Dichloroethane	20.0	18.5		ug/L		93	66 - 129
Chloroethane	20.0	16.0		ug/L		80	41 - 147
Chloroform	20.0	18.4		ug/L		92	74 - 127
1,1-Dichloroethene	20.0	18.6		ug/L		93	73 - 129
Chloromethane	20.0	18.5		ug/L		93	46 - 148
1,2-Dichloropropane	20.0	20.5		ug/L		102	79 - 127
cis-1,3-Dichloropropene	20.0	20.8		ug/L		104	68 - 128
Dichlorobromomethane	20.0	20.1		ug/L		100	73 - 122
2-Hexanone	40.0	44.6		ug/L		111	43 - 142
Ethylbenzene	20.0	21.1		ug/L		106	80 - 120
1,2-Dibromo-3-Chloropropane	20.0	20.7		ug/L		104	34 - 136
Ethylene Dibromide	20.0	21.0		ug/L		105	73 - 120
1,4-Dioxane	400	232		ug/L		58	10 - 172
Dichlorodifluoromethane	20.0	17.3		ug/L		87	35 - 137
2-Butanone (MEK)	40.0	33.6		ug/L		84	41 - 151
cis-1,2-Dichloroethene	20.0	19.1		ug/L		96	75 - 124
4-Methyl-2-pentanone (MIBK)	40.0	39.5		ug/L		99	43 - 145
Isopropylbenzene	20.0	21.6		ug/L		108	73 - 123
Methyl tert-butyl ether	20.0	17.8		ug/L		89	57 - 127
Methylene Chloride	20.0	19.1		ug/L		95	63 - 134
1,1,2,2-Tetrachloroethane	20.0	23.1		ug/L		116	45 - 151
1,2-Dichlorobenzene	20.0	20.6		ug/L		103	74 - 120
Styrene	20.0	21.8		ug/L		109	75 - 121
1,3-Dichlorobenzene	20.0	21.7		ug/L		108	74 - 120
Tetrachloroethene	20.0	19.8		ug/L		99	70 - 125
1,4-Dichlorobenzene	20.0	21.3		ug/L		106	75 - 120
Toluene	20.0	21.2		ug/L		106	79 - 122
trans-1,2-Dichloroethene	20.0	19.3		ug/L		96	74 - 130
1,2,4-Trichlorobenzene	20.0	20.4		ug/L		102	47 - 120
trans-1,3-Dichloropropene	20.0	22.1		ug/L		111	64 - 120
1,1,1-Trichloroethane	20.0	19.5		ug/L		98	65 - 141
1,1,2-Trichloroethane	20.0	20.8		ug/L		104	79 - 121
Trichloroethene	20.0	18.3		ug/L		91	71 - 121
m-Xylene & p-Xylene	20.0	21.3		ug/L		106	79 - 121
Trichlorofluoromethane	20.0	15.9		ug/L		80	52 - 148
o-Xylene	20.0	21.1		ug/L		106	75 - 123
Vinyl chloride	20.0	19.5		ug/L		97	61 - 134
Chlorodibromomethane	20.0	21.6		ug/L		108	75 - 120
Naphthalene	20.0	20.9		ug/L		105	28 - 130
Xylenes, Total	40.0	42.4		ug/L		106	78 - 122

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: LCS 240-476637/5
Matrix: Solid
Analysis Batch: 476637

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

Surrogate	LCS %Recovery	LCS Qualifier	Limits
1,2-Dichloroethane-d4 (Surr)	90		75 - 130
4-Bromofluorobenzene (Surr)	105		47 - 134
Toluene-d8 (Surr)	103		69 - 122
Dibromofluoromethane (Surr)	87		78 - 129

Lab Sample ID: LB 240-475924/1-A MB
Matrix: Solid
Analysis Batch: 476104

Client Sample ID: Method Blank
Prep Type: TCLP

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00013		0.025	0.00013	mg/L			03/09/21 20:30	1
Carbon tetrachloride	<0.00026		0.025	0.00026	mg/L			03/09/21 20:30	1
Chlorobenzene	<0.00014		0.025	0.00014	mg/L			03/09/21 20:30	1
1,2-Dichloroethane	<0.00021		0.025	0.00021	mg/L			03/09/21 20:30	1
Chloroform	<0.00013		0.025	0.00013	mg/L			03/09/21 20:30	1
1,1-Dichloroethene	<0.00019		0.025	0.00019	mg/L			03/09/21 20:30	1
2-Butanone (MEK)	<0.0012		0.25	0.0012	mg/L			03/09/21 20:30	1
Tetrachloroethene	<0.00015		0.025	0.00015	mg/L			03/09/21 20:30	1
Trichloroethene	<0.00010		0.025	0.00010	mg/L			03/09/21 20:30	1
Vinyl chloride	<0.00020		0.025	0.00020	mg/L			03/09/21 20:30	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	93		74 - 124		03/09/21 20:30	1
4-Bromofluorobenzene (Surr)	103		77 - 120		03/09/21 20:30	1
Toluene-d8 (Surr)	99		80 - 120		03/09/21 20:30	1
Dibromofluoromethane (Surr)	87		80 - 120		03/09/21 20:30	1

Lab Sample ID: LB 240-476496/1-A MB
Matrix: Solid
Analysis Batch: 476846

Client Sample ID: Method Blank
Prep Type: SPLP

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	<5.4		10	5.4	ug/L			03/15/21 18:47	1
Benzene	<0.13		1.0	0.13	ug/L			03/15/21 18:47	1
Bromoform	<0.76		1.0	0.76	ug/L			03/15/21 18:47	1
Bromomethane	<0.42		1.0	0.42	ug/L			03/15/21 18:47	1
Carbon disulfide	<0.28		1.0	0.28	ug/L			03/15/21 18:47	1
Carbon tetrachloride	<0.26		1.0	0.26	ug/L			03/15/21 18:47	1
1,1-Dichloroethane	<0.17		1.0	0.17	ug/L			03/15/21 18:47	1
Chlorobenzene	<0.14		1.0	0.14	ug/L			03/15/21 18:47	1
1,2-Dichloroethane	<0.21		1.0	0.21	ug/L			03/15/21 18:47	1
Chloroethane	<0.83		1.0	0.83	ug/L			03/15/21 18:47	1
Chloroform	<0.13		1.0	0.13	ug/L			03/15/21 18:47	1
1,1-Dichloroethene	<0.19		1.0	0.19	ug/L			03/15/21 18:47	1
Chloromethane	<0.20		1.0	0.20	ug/L			03/15/21 18:47	1
1,2-Dichloropropane	<0.15		1.0	0.15	ug/L			03/15/21 18:47	1
cis-1,3-Dichloropropene	<0.61		1.0	0.61	ug/L			03/15/21 18:47	1
Dichlorobromomethane	<0.17		1.0	0.17	ug/L			03/15/21 18:47	1

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: LB 240-476496/1-A MB
Matrix: Solid
Analysis Batch: 476846

Client Sample ID: Method Blank
Prep Type: SPLP

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2-Hexanone	<0.54		10	0.54	ug/L			03/15/21 18:47	1
Ethylbenzene	<0.11		1.0	0.11	ug/L			03/15/21 18:47	1
1,2-Dibromo-3-Chloropropane	<0.91		2.0	0.91	ug/L			03/15/21 18:47	1
Ethylene Dibromide	<0.12		1.0	0.12	ug/L			03/15/21 18:47	1
1,4-Dioxane	<13		50	13	ug/L			03/15/21 18:47	1
Dichlorodifluoromethane	<0.35		1.0	0.35	ug/L			03/15/21 18:47	1
2-Butanone (MEK)	<1.2		10	1.2	ug/L			03/15/21 18:47	1
cis-1,2-Dichloroethene	<0.16		1.0	0.16	ug/L			03/15/21 18:47	1
4-Methyl-2-pentanone (MIBK)	<0.42		10	0.42	ug/L			03/15/21 18:47	1
Isopropylbenzene	<0.090		1.0	0.090	ug/L			03/15/21 18:47	1
Methyl tert-butyl ether	<0.070		1.0	0.070	ug/L			03/15/21 18:47	1
Methylene Chloride	<2.6		5.0	2.6	ug/L			03/15/21 18:47	1
1,1,2,2-Tetrachloroethane	<0.13		1.0	0.13	ug/L			03/15/21 18:47	1
1,2-Dichlorobenzene	<0.15		1.0	0.15	ug/L			03/15/21 18:47	1
Styrene	<0.10		1.0	0.10	ug/L			03/15/21 18:47	1
1,3-Dichlorobenzene	<0.15		1.0	0.15	ug/L			03/15/21 18:47	1
Tetrachloroethene	<0.15		1.0	0.15	ug/L			03/15/21 18:47	1
1,4-Dichlorobenzene	<0.16		1.0	0.16	ug/L			03/15/21 18:47	1
Toluene	0.205	J	1.0	0.14	ug/L			03/15/21 18:47	1
trans-1,2-Dichloroethene	<0.19		1.0	0.19	ug/L			03/15/21 18:47	1
1,2,4-Trichlorobenzene	<0.26		1.0	0.26	ug/L			03/15/21 18:47	1
trans-1,3-Dichloropropene	<0.67		1.0	0.67	ug/L			03/15/21 18:47	1
1,1,1-Trichloroethane	<0.24		1.0	0.24	ug/L			03/15/21 18:47	1
1,1,2-Trichloroethane	<0.090		1.0	0.090	ug/L			03/15/21 18:47	1
Trichloroethene	<0.10		1.0	0.10	ug/L			03/15/21 18:47	1
Trichlorofluoromethane	<0.45		1.0	0.45	ug/L			03/15/21 18:47	1
Vinyl chloride	<0.20		1.0	0.20	ug/L			03/15/21 18:47	1
Chlorodibromomethane	<0.39		1.0	0.39	ug/L			03/15/21 18:47	1
Naphthalene	<0.32		1.0	0.32	ug/L			03/15/21 18:47	1
Xylenes, Total	<0.15		2.0	0.15	ug/L			03/15/21 18:47	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*91*		*75 - 130*		*03/15/21 18:47*	*1*
4-Bromofluorobenzene (Surr)	*99*		*47 - 134*		*03/15/21 18:47*	*1*
Toluene-d8 (Surr)	*98*		*69 - 122*		*03/15/21 18:47*	*1*
Dibromofluoromethane (Surr)	*83*		*78 - 129*		*03/15/21 18:47*	*1*

Method: 6010B - Metals (ICP)

Lab Sample ID: MB 240-475438/2-A
Matrix: Solid
Analysis Batch: 475672

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 475438

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	<0.0041		0.050	0.0041	mg/L		03/04/21 14:00	03/05/21 10:49	1
Barium	<0.0013		0.50	0.0013	mg/L		03/04/21 14:00	03/05/21 10:49	1
Cadmium	<0.00020		0.050	0.00020	mg/L		03/04/21 14:00	03/05/21 10:49	1
Chromium	<0.00063		0.050	0.00063	mg/L		03/04/21 14:00	03/05/21 10:49	1
Lead	<0.0028		0.050	0.0028	mg/L		03/04/21 14:00	03/05/21 10:49	1

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

Lab Sample ID: MB 240-475438/2-A
Matrix: Solid
Analysis Batch: 475672

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 475438

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Selenium	<0.0060		0.050	0.0060	mg/L		03/04/21 14:00	03/05/21 10:49	1
Silver	<0.00062		0.050	0.00062	mg/L		03/04/21 14:00	03/05/21 10:49	1

Lab Sample ID: LCS 240-475438/3-A
Matrix: Solid
Analysis Batch: 475672

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 475438

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Arsenic	2.00	2.18		mg/L		109	50 - 150
Barium	2.00	2.03		mg/L		101	50 - 150
Cadmium	1.00	1.05		mg/L		105	50 - 150
Chromium	1.00	1.04		mg/L		104	50 - 150
Lead	1.00	0.917		mg/L		92	50 - 150
Selenium	2.00	2.28		mg/L		114	50 - 150
Silver	0.100	0.112		mg/L		112	50 - 150

Lab Sample ID: LB 240-475351/1-B
Matrix: Solid
Analysis Batch: 475672

Client Sample ID: Method Blank
Prep Type: TCLP
Prep Batch: 475438

Analyte	LB Result	LB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	<0.0041		0.050	0.0041	mg/L		03/04/21 14:00	03/05/21 10:45	1
Barium	0.00365	J	0.50	0.0013	mg/L		03/04/21 14:00	03/05/21 10:45	1
Cadmium	<0.00020		0.050	0.00020	mg/L		03/04/21 14:00	03/05/21 10:45	1
Chromium	0.00173	J	0.050	0.00063	mg/L		03/04/21 14:00	03/05/21 10:45	1
Lead	<0.0028		0.050	0.0028	mg/L		03/04/21 14:00	03/05/21 10:45	1
Selenium	<0.0060		0.050	0.0060	mg/L		03/04/21 14:00	03/05/21 10:45	1
Silver	<0.00062		0.050	0.00062	mg/L		03/04/21 14:00	03/05/21 10:45	1

Method: 7470A - Mercury (CVAA)

Lab Sample ID: MB 240-475441/2-A
Matrix: Solid
Analysis Batch: 475724

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 475441

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.00013		0.0020	0.00013	mg/L		03/04/21 14:00	03/05/21 16:40	1

Lab Sample ID: LCS 240-475441/3-A
Matrix: Solid
Analysis Batch: 475724

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 475441

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Mercury	0.00500	0.00489		mg/L		98	80 - 120

Method: 7470A - Mercury (CVAA) (Continued)

Lab Sample ID: LB 240-475351/1-C
Matrix: Solid
Analysis Batch: 475724

Client Sample ID: Method Blank
Prep Type: TCLP
Prep Batch: 475441

Analyte	LB Result	LB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.00013		0.0020	0.00013	mg/L		03/04/21 14:00	03/05/21 16:38	1

Method: 1010A - Ignitability, Pensky-Martens Closed-Cup Method

Lab Sample ID: LCS 240-476262/1
Matrix: Solid
Analysis Batch: 476262

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

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Flashpoint	81.0	81.00		Degrees F		100	97 - 103

Method: 9012A - Cyanide, Total and/or Amenable

Lab Sample ID: MB 240-475542/1-A
Matrix: Solid
Analysis Batch: 475549

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 475542

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cyanide, Total	<0.19		0.50	0.19	mg/Kg		03/04/21 20:09	03/04/21 21:33	1

Lab Sample ID: LCS 240-475542/2-A
Matrix: Solid
Analysis Batch: 475549

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 475542

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Cyanide, Total	5.71	5.81		mg/Kg		102	65 - 128

Method: 9034 - Sulfide, Acid soluble and Insoluble (Titrimetric)

Lab Sample ID: MB 240-475254/1-A
Matrix: Solid
Analysis Batch: 475301

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 475254

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Sulfide	<15		30	15	mg/Kg		03/03/21 08:51	03/03/21 11:41	1
Sulfide as H2S	<15		30	15	mg/Kg		03/03/21 08:51	03/03/21 11:41	1

Lab Sample ID: LCS 240-475254/2-A
Matrix: Solid
Analysis Batch: 475301

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 475254

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Sulfide	93.9	64.8		mg/Kg		69	56 - 120

QC Sample Results

Client: TRC Environmental Corporation.
Project/Site: ABB 2019 \ 2020

Job ID: 240-145104-1

Method: Moisture - Percent Moisture

Lab Sample ID: 240-145104-8 DU
Matrix: Solid
Analysis Batch: 474882

Client Sample ID: SB-51 (4-6)
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier		DU Result	DU Qualifier	Unit	D			RPD	RPD Limit
Percent Solids	77.5			78.1		%				0.7	20
Percent Moisture	22.5			21.9		%				3	20

Lab Sample ID: 240-145104-23 DU
Matrix: Solid
Analysis Batch: 474882

Client Sample ID: SB-45 (2-4)
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier		DU Result	DU Qualifier	Unit	D			RPD	RPD Limit
Percent Solids	77.5			78.6		%				1	20
Percent Moisture	22.5			21.4		%				5	20

Lab Sample ID: 240-145104-11 DU
Matrix: Solid
Analysis Batch: 475354

Client Sample ID: CB02SED01
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier		DU Result	DU Qualifier	Unit	D			RPD	RPD Limit
Percent Solids	90.4			87.9		%				3	20
Percent Moisture	9.6			12.1	F3	%				23	20

QC Association Summary

Client: TRC Environmental Corporation.
Project/Site: ABB 2019 \ 2020

Job ID: 240-145104-1

GC/MS VOA

Analysis Batch: 475473

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
240-145104-9	CB025W01	Total/NA	Water	8260B	
240-145104-10	TRIP BLANK	Total/NA	Water	8260B	
MB 240-475473/6	Method Blank	Total/NA	Water	8260B	
LCS 240-475473/4	Lab Control Sample	Total/NA	Water	8260B	

Prep Batch: 475548

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
240-145104-4	SB-44 (4-6)	Total/NA	Solid	5035	
240-145104-6	SB-51 (0-2)	Total/NA	Solid	5035	
240-145104-8	SB-51 (4-6)	Total/NA	Solid	5035	
240-145104-13	SB-54 (0-2)	Total/NA	Solid	5035	
240-145104-14	SB-54 (2-4)	Total/NA	Solid	5035	
240-145104-15	SB-54 (4-6)	Total/NA	Solid	5035	
240-145104-16	DUP-03	Total/NA	Solid	5035	
240-145104-18	WCA03-01 (0-2)	Total/NA	Solid	5035	
240-145104-19	WCA03-01 (2-4)	Total/NA	Solid	5035	
240-145104-20	WCA03-01 (4-6)	Total/NA	Solid	5035	
240-145104-22	SB-45 (0-2)	Total/NA	Solid	5035	
240-145104-23	SB-45 (2-4)	Total/NA	Solid	5035	
240-145104-24	SB-45 (4-6)	Total/NA	Solid	5035	
MB 240-475548/1-A	Method Blank	Total/NA	Solid	5035	
LCS 240-475548/2-A	Lab Control Sample	Total/NA	Solid	5035	

Prep Batch: 475715

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
240-145104-11	CB02SED01	Total/NA	Solid	5030B	
MB 240-475715/1-A	Method Blank	Total/NA	Solid	5030B	
LCS 240-475715/2-A	Lab Control Sample	Total/NA	Solid	5030B	
240-145104-11 MS	CB02SED01	Total/NA	Solid	5030B	
240-145104-11 MSD	CB02SED01	Total/NA	Solid	5030B	

Prep Batch: 475718

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
240-145104-2	SB-44 (0-2)	Total/NA	Solid	5035	
240-145104-3	SB-44 (2-4)	Total/NA	Solid	5035	
240-145104-7	SB-51 (2-4)	Total/NA	Solid	5035	
240-145104-17	DUP-04	Total/NA	Solid	5035	

Leach Batch: 475924

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
240-145104-21	WCA03-01	TCLP	Solid	1311	
LB 240-475924/1-A MB	Method Blank	TCLP	Solid	1311	

Analysis Batch: 476041

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
240-145104-6	SB-51 (0-2)	Total/NA	Solid	8260B	475548
240-145104-8	SB-51 (4-6)	Total/NA	Solid	8260B	475548
240-145104-13	SB-54 (0-2)	Total/NA	Solid	8260B	475548
240-145104-14	SB-54 (2-4)	Total/NA	Solid	8260B	475548
240-145104-15	SB-54 (4-6)	Total/NA	Solid	8260B	475548
240-145104-18	WCA03-01 (0-2)	Total/NA	Solid	8260B	475548

GC/MS VOA (Continued)

Analysis Batch: 476041 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
240-145104-19	WCA03-01 (2-4)	Total/NA	Solid	8260B	475548
240-145104-20	WCA03-01 (4-6)	Total/NA	Solid	8260B	475548
240-145104-22	SB-45 (0-2)	Total/NA	Solid	8260B	475548
240-145104-23	SB-45 (2-4)	Total/NA	Solid	8260B	475548
240-145104-24	SB-45 (4-6)	Total/NA	Solid	8260B	475548
MB 240-475548/1-A	Method Blank	Total/NA	Solid	8260B	475548
LCS 240-475548/2-A	Lab Control Sample	Total/NA	Solid	8260B	475548

Analysis Batch: 476104

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
240-145104-21	WCA03-01	TCLP	Solid	8260B	475924
LB 240-475924/1-A MB	Method Blank	TCLP	Solid	8260B	475924
LCS 240-476104/11	Lab Control Sample	Total/NA	Solid	8260B	

Analysis Batch: 476239

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
240-145104-2	SB-44 (0-2)	Total/NA	Solid	8260B	475718
240-145104-3	SB-44 (2-4)	Total/NA	Solid	8260B	475718
240-145104-7	SB-51 (2-4)	Total/NA	Solid	8260B	475718
MB 240-476239/6	Method Blank	Total/NA	Solid	8260B	
LCS 240-476239/5	Lab Control Sample	Total/NA	Solid	8260B	

Analysis Batch: 476287

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
240-145104-4	SB-44 (4-6)	Total/NA	Solid	8260B	475548
240-145104-11	CB02SED01	Total/NA	Solid	8260B	475715
240-145104-15	SB-54 (4-6)	Total/NA	Solid	8260B	475548
240-145104-16	DUP-03	Total/NA	Solid	8260B	475548
240-145104-17	DUP-04	Total/NA	Solid	8260B	475718
MB 240-475715/1-A	Method Blank	Total/NA	Solid	8260B	475715
MB 240-476287/6	Method Blank	Total/NA	Solid	8260B	
LCS 240-475715/2-A	Lab Control Sample	Total/NA	Solid	8260B	475715
LCS 240-476287/5	Lab Control Sample	Total/NA	Solid	8260B	
240-145104-11 MS	CB02SED01	Total/NA	Solid	8260B	475715
240-145104-11 MSD	CB02SED01	Total/NA	Solid	8260B	475715

Leach Batch: 476496

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
240-145104-25	SB-45	SPLP	Solid	1312	
LB 240-476496/1-A MB	Method Blank	SPLP	Solid	1312	

Analysis Batch: 476637

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
240-145104-25	SB-45	SPLP	Solid	8260B	476496
LCS 240-476637/5	Lab Control Sample	Total/NA	Solid	8260B	

Analysis Batch: 476846

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
LB 240-476496/1-A MB	Method Blank	SPLP	Solid	8260B	476496

QC Association Summary

Client: TRC Environmental Corporation.
Project/Site: ABB 2019 \ 2020

Job ID: 240-145104-1

Metals

Leach Batch: 475351

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
240-145104-21	WCA03-01	TCLP	Solid	1311	
LB 240-475351/1-B	Method Blank	TCLP	Solid	1311	
LB 240-475351/1-C	Method Blank	TCLP	Solid	1311	

Prep Batch: 475438

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
240-145104-21	WCA03-01	TCLP	Solid	3010A	475351
LB 240-475351/1-B	Method Blank	TCLP	Solid	3010A	475351
MB 240-475438/2-A	Method Blank	Total/NA	Solid	3010A	
LCS 240-475438/3-A	Lab Control Sample	Total/NA	Solid	3010A	

Prep Batch: 475441

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
240-145104-21	WCA03-01	TCLP	Solid	7470A	475351
LB 240-475351/1-C	Method Blank	TCLP	Solid	7470A	475351
MB 240-475441/2-A	Method Blank	Total/NA	Solid	7470A	
LCS 240-475441/3-A	Lab Control Sample	Total/NA	Solid	7470A	

Analysis Batch: 475672

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
LB 240-475351/1-B	Method Blank	TCLP	Solid	6010B	475438
MB 240-475438/2-A	Method Blank	Total/NA	Solid	6010B	475438
LCS 240-475438/3-A	Lab Control Sample	Total/NA	Solid	6010B	475438

Analysis Batch: 475724

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
240-145104-21	WCA03-01	TCLP	Solid	7470A	475441
LB 240-475351/1-C	Method Blank	TCLP	Solid	7470A	475441
MB 240-475441/2-A	Method Blank	Total/NA	Solid	7470A	475441
LCS 240-475441/3-A	Lab Control Sample	Total/NA	Solid	7470A	475441

Analysis Batch: 475800

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
240-145104-21	WCA03-01	TCLP	Solid	6010B	475438

General Chemistry

Analysis Batch: 474882

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
240-145104-2	SB-44 (0-2)	Total/NA	Solid	Moisture	
240-145104-3	SB-44 (2-4)	Total/NA	Solid	Moisture	
240-145104-4	SB-44 (4-6)	Total/NA	Solid	Moisture	
240-145104-6	SB-51 (0-2)	Total/NA	Solid	Moisture	
240-145104-7	SB-51 (2-4)	Total/NA	Solid	Moisture	
240-145104-8	SB-51 (4-6)	Total/NA	Solid	Moisture	
240-145104-13	SB-54 (0-2)	Total/NA	Solid	Moisture	
240-145104-14	SB-54 (2-4)	Total/NA	Solid	Moisture	
240-145104-15	SB-54 (4-6)	Total/NA	Solid	Moisture	
240-145104-17	DUP-04	Total/NA	Solid	Moisture	
240-145104-18	WCA03-01 (0-2)	Total/NA	Solid	Moisture	
240-145104-19	WCA03-01 (2-4)	Total/NA	Solid	Moisture	

General Chemistry (Continued)

Analysis Batch: 474882 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
240-145104-20	WCA03-01 (4-6)	Total/NA	Solid	Moisture	
240-145104-22	SB-45 (0-2)	Total/NA	Solid	Moisture	
240-145104-23	SB-45 (2-4)	Total/NA	Solid	Moisture	
240-145104-24	SB-45 (4-6)	Total/NA	Solid	Moisture	
240-145104-8 DU	SB-51 (4-6)	Total/NA	Solid	Moisture	
240-145104-23 DU	SB-45 (2-4)	Total/NA	Solid	Moisture	

Prep Batch: 475254

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
240-145104-21	WCA03-01	Total/NA	Solid	9030B	
MB 240-475254/1-A	Method Blank	Total/NA	Solid	9030B	
LCS 240-475254/2-A	Lab Control Sample	Total/NA	Solid	9030B	

Analysis Batch: 475301

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
240-145104-21	WCA03-01	Total/NA	Solid	9034	475254
MB 240-475254/1-A	Method Blank	Total/NA	Solid	9034	475254
LCS 240-475254/2-A	Lab Control Sample	Total/NA	Solid	9034	475254

Analysis Batch: 475354

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
240-145104-11	CB02SED01	Total/NA	Solid	Moisture	
240-145104-21	WCA03-01	Total/NA	Solid	Moisture	
240-145104-11 DU	CB02SED01	Total/NA	Solid	Moisture	

Analysis Batch: 475431

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
240-145104-21	WCA03-01	Total/NA	Solid	9045D	
LCS 240-475431/2	Lab Control Sample	Total/NA	Solid	9045D	

Prep Batch: 475542

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
240-145104-21	WCA03-01	Total/NA	Solid	9012A	
MB 240-475542/1-A	Method Blank	Total/NA	Solid	9012A	
LCS 240-475542/2-A	Lab Control Sample	Total/NA	Solid	9012A	

Analysis Batch: 475549

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
240-145104-21	WCA03-01	Total/NA	Solid	9012A	475542
MB 240-475542/1-A	Method Blank	Total/NA	Solid	9012A	475542
LCS 240-475542/2-A	Lab Control Sample	Total/NA	Solid	9012A	475542

Analysis Batch: 476262

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
240-145104-21	WCA03-01	Total/NA	Solid	1010A	
LCS 240-476262/1	Lab Control Sample	Total/NA	Solid	1010A	

Lab Chronicle

Client: TRC Environmental Corporation.
Project/Site: ABB 2019 \ 2020

Job ID: 240-145104-1

Client Sample ID: SB-44 (0-2)
Date Collected: 02/26/21 08:45
Date Received: 02/26/21 13:45

Lab Sample ID: 240-145104-2
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	Moisture		1	474882	03/01/21 11:34	AJ	TAL CAN

Client Sample ID: SB-44 (0-2)
Date Collected: 02/26/21 08:45
Date Received: 02/26/21 13:45

Lab Sample ID: 240-145104-2
Matrix: Solid
Percent Solids: 78.0

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			475718	02/26/21 18:05	LAM	TAL CAN
Total/NA	Analysis	8260B		1	476239	03/10/21 19:36	SAM	TAL CAN

Client Sample ID: SB-44 (2-4)
Date Collected: 02/26/21 08:50
Date Received: 02/26/21 13:45

Lab Sample ID: 240-145104-3
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	Moisture		1	474882	03/01/21 11:34	AJ	TAL CAN

Client Sample ID: SB-44 (2-4)
Date Collected: 02/26/21 08:50
Date Received: 02/26/21 13:45

Lab Sample ID: 240-145104-3
Matrix: Solid
Percent Solids: 74.0

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			475718	02/26/21 18:05	LAM	TAL CAN
Total/NA	Analysis	8260B		1	476239	03/10/21 20:00	SAM	TAL CAN

Client Sample ID: SB-44 (4-6)
Date Collected: 02/26/21 08:35
Date Received: 02/26/21 13:45

Lab Sample ID: 240-145104-4
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	Moisture		1	474882	03/01/21 11:34	AJ	TAL CAN

Client Sample ID: SB-44 (4-6)
Date Collected: 02/26/21 08:35
Date Received: 02/26/21 13:45

Lab Sample ID: 240-145104-4
Matrix: Solid
Percent Solids: 81.4

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			475548	03/04/21 22:36	LAM	TAL CAN
Total/NA	Analysis	8260B		1	476287	03/10/21 22:56	SAM	TAL CAN

Client Sample ID: SB-51 (0-2)
Date Collected: 02/26/21 07:40
Date Received: 02/26/21 13:45

Lab Sample ID: 240-145104-6
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	Moisture		1	474882	03/01/21 11:34	AJ	TAL CAN

Lab Chronicle

Client: TRC Environmental Corporation.
Project/Site: ABB 2019 \ 2020

Job ID: 240-145104-1

Client Sample ID: SB-51 (0-2)
Date Collected: 02/26/21 07:40
Date Received: 02/26/21 13:45

Lab Sample ID: 240-145104-6
Matrix: Solid
Percent Solids: 79.0

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			475548	03/04/21 22:36	LAM	TAL CAN
Total/NA	Analysis	8260B		1	476041	03/09/21 17:41	SAM	TAL CAN

Client Sample ID: SB-51 (2-4)
Date Collected: 02/26/21 07:50
Date Received: 02/26/21 13:45

Lab Sample ID: 240-145104-7
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	Moisture		1	474882	03/01/21 11:34	AJ	TAL CAN

Client Sample ID: SB-51 (2-4)
Date Collected: 02/26/21 07:50
Date Received: 02/26/21 13:45

Lab Sample ID: 240-145104-7
Matrix: Solid
Percent Solids: 77.8

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			475718	02/26/21 18:05	LAM	TAL CAN
Total/NA	Analysis	8260B		1	476239	03/10/21 20:25	SAM	TAL CAN

Client Sample ID: SB-51 (4-6)
Date Collected: 02/26/21 08:00
Date Received: 02/26/21 13:45

Lab Sample ID: 240-145104-8
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	Moisture		1	474882	03/01/21 11:34	AJ	TAL CAN

Client Sample ID: SB-51 (4-6)
Date Collected: 02/26/21 08:00
Date Received: 02/26/21 13:45

Lab Sample ID: 240-145104-8
Matrix: Solid
Percent Solids: 77.5

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			475548	03/04/21 22:36	LAM	TAL CAN
Total/NA	Analysis	8260B		1	476041	03/09/21 18:07	SAM	TAL CAN

Client Sample ID: CB025W01
Date Collected: 02/26/21 09:45
Date Received: 02/26/21 13:45

Lab Sample ID: 240-145104-9
Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		40	475473	03/04/21 20:10	LEE	TAL CAN

Client Sample ID: TRIP BLANK
Date Collected: 02/26/21 00:00
Date Received: 02/26/21 13:45

Lab Sample ID: 240-145104-10
Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	475473	03/04/21 20:33	LEE	TAL CAN

Lab Chronicle

Client: TRC Environmental Corporation.
Project/Site: ABB 2019 \ 2020

Job ID: 240-145104-1

Client Sample ID: CB02SED01
Lab Sample ID: 240-145104-11
Date Collected: 02/26/21 12:00
Matrix: Solid
Date Received: 02/26/21 13:45

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	Moisture		1	475354	03/03/21 19:10	AGC	TAL CAN

Client Sample ID: CB02SED01
Lab Sample ID: 240-145104-11
Date Collected: 02/26/21 12:00
Matrix: Solid
Date Received: 02/26/21 13:45
Percent Solids: 90.4

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5030B			475715	03/05/21 19:24	LAM	TAL CAN
Total/NA	Analysis	8260B		10	476287	03/10/21 20:49	SAM	TAL CAN

Client Sample ID: SB-54 (0-2)
Lab Sample ID: 240-145104-13
Date Collected: 02/26/21 08:10
Matrix: Solid
Date Received: 02/26/21 13:45

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	Moisture		1	474882	03/01/21 11:34	AJ	TAL CAN

Client Sample ID: SB-54 (0-2)
Lab Sample ID: 240-145104-13
Date Collected: 02/26/21 08:10
Matrix: Solid
Date Received: 02/26/21 13:45
Percent Solids: 82.3

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			475548	03/04/21 22:36	LAM	TAL CAN
Total/NA	Analysis	8260B		2	476041	03/09/21 18:32	SAM	TAL CAN

Client Sample ID: SB-54 (2-4)
Lab Sample ID: 240-145104-14
Date Collected: 02/26/21 08:15
Matrix: Solid
Date Received: 02/26/21 13:45

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	Moisture		1	474882	03/01/21 11:34	AJ	TAL CAN

Client Sample ID: SB-54 (2-4)
Lab Sample ID: 240-145104-14
Date Collected: 02/26/21 08:15
Matrix: Solid
Date Received: 02/26/21 13:45
Percent Solids: 80.8

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			475548	03/04/21 22:36	LAM	TAL CAN
Total/NA	Analysis	8260B		2.857	476041	03/09/21 18:57	SAM	TAL CAN

Client Sample ID: SB-54 (4-6)
Lab Sample ID: 240-145104-15
Date Collected: 02/26/21 08:20
Matrix: Solid
Date Received: 02/26/21 13:45

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	Moisture		1	474882	03/01/21 11:34	AJ	TAL CAN

Lab Chronicle

Client: TRC Environmental Corporation.
Project/Site: ABB 2019 \ 2020

Job ID: 240-145104-1

Client Sample ID: SB-54 (4-6)
Date Collected: 02/26/21 08:20
Date Received: 02/26/21 13:45

Lab Sample ID: 240-145104-15
Matrix: Solid
Percent Solids: 86.5

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			475548	03/04/21 22:36	LAM	TAL CAN
Total/NA	Analysis	8260B		4	476041	03/09/21 19:22	SAM	TAL CAN
Total/NA	Prep	5035			475548	03/04/21 22:36	LAM	TAL CAN
Total/NA	Analysis	8260B		20	476287	03/10/21 23:21	SAM	TAL CAN

Client Sample ID: DUP-03
Date Collected: 02/25/21 00:00
Date Received: 02/26/21 13:45

Lab Sample ID: 240-145104-16
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			475548	03/04/21 22:36	LAM	TAL CAN
Total/NA	Analysis	8260B		1	476287	03/10/21 22:31	SAM	TAL CAN

Client Sample ID: DUP-04
Date Collected: 02/25/21 00:00
Date Received: 02/26/21 13:45

Lab Sample ID: 240-145104-17
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	Moisture		1	474882	03/01/21 11:34	AJ	TAL CAN

Client Sample ID: DUP-04
Date Collected: 02/25/21 00:00
Date Received: 02/26/21 13:45

Lab Sample ID: 240-145104-17
Matrix: Solid
Percent Solids: 75.5

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			475718	02/26/21 18:05	LAM	TAL CAN
Total/NA	Analysis	8260B		1	476287	03/11/21 00:37	SAM	TAL CAN

Client Sample ID: WCA03-01 (0-2)
Date Collected: 02/25/21 15:35
Date Received: 02/26/21 13:45

Lab Sample ID: 240-145104-18
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	Moisture		1	474882	03/01/21 11:34	AJ	TAL CAN

Client Sample ID: WCA03-01 (0-2)
Date Collected: 02/25/21 15:35
Date Received: 02/26/21 13:45

Lab Sample ID: 240-145104-18
Matrix: Solid
Percent Solids: 90.3

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			475548	03/04/21 22:36	LAM	TAL CAN
Total/NA	Analysis	8260B		1	476041	03/09/21 20:38	SAM	TAL CAN

Lab Chronicle

Client: TRC Environmental Corporation.
Project/Site: ABB 2019 \ 2020

Job ID: 240-145104-1

Client Sample ID: WCA03-01 (2-4)
Lab Sample ID: 240-145104-19
Date Collected: 02/25/21 15:45
Matrix: Solid
Date Received: 02/26/21 13:45

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	Moisture		1	474882	03/01/21 11:34	AJ	TAL CAN

Client Sample ID: WCA03-01 (2-4)
Lab Sample ID: 240-145104-19
Date Collected: 02/25/21 15:45
Matrix: Solid
Date Received: 02/26/21 13:45
Percent Solids: 90.5

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			475548	03/04/21 22:36	LAM	TAL CAN
Total/NA	Analysis	8260B		1	476041	03/09/21 21:03	SAM	TAL CAN

Client Sample ID: WCA03-01 (4-6)
Lab Sample ID: 240-145104-20
Date Collected: 02/25/21 15:50
Matrix: Solid
Date Received: 02/26/21 13:45

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	Moisture		1	474882	03/01/21 11:34	AJ	TAL CAN

Client Sample ID: WCA03-01 (4-6)
Lab Sample ID: 240-145104-20
Date Collected: 02/25/21 15:50
Matrix: Solid
Date Received: 02/26/21 13:45
Percent Solids: 79.4

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			475548	03/04/21 22:36	LAM	TAL CAN
Total/NA	Analysis	8260B		1	476041	03/09/21 21:29	SAM	TAL CAN

Client Sample ID: WCA03-01
Lab Sample ID: 240-145104-21
Date Collected: 02/25/21 16:00
Matrix: Solid
Date Received: 02/26/21 13:45

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
TCLP	Leach	1311			475924	03/08/21 17:05	DRJ	TAL CAN
TCLP	Analysis	8260B		1	476104	03/09/21 22:41	TJL1	TAL CAN
TCLP	Leach	1311			475351	03/03/21 16:40	DRJ	TAL CAN
TCLP	Prep	3010A			475438	03/04/21 14:00	SLD	TAL CAN
TCLP	Analysis	6010B		1	475800	03/05/21 15:10	DSH	TAL CAN
TCLP	Leach	1311			475351	03/03/21 16:40	DRJ	TAL CAN
TCLP	Prep	7470A			475441	03/04/21 14:00	SLD	TAL CAN
TCLP	Analysis	7470A		1	475724	03/05/21 16:54	SLD	TAL CAN
Total/NA	Analysis	1010A		1	476262	03/10/21 13:34	JMR	TAL CAN
Total/NA	Analysis	9045D		1	475431	03/04/21 13:01	JR	TAL CAN
Total/NA	Analysis	Moisture		1	475354	03/03/21 19:10	AGC	TAL CAN

Lab Chronicle

Client: TRC Environmental Corporation.
Project/Site: ABB 2019 \ 2020

Job ID: 240-145104-1

Client Sample ID: WCA03-01
Date Collected: 02/25/21 16:00
Date Received: 02/26/21 13:45

Lab Sample ID: 240-145104-21
Matrix: Solid
Percent Solids: 85.4

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	9012A			475542	03/04/21 20:09	AGC	TAL CAN
Total/NA	Analysis	9012A		1	475549	03/04/21 22:15	AGC	TAL CAN
Total/NA	Prep	9030B			475254	03/03/21 08:51	KLR	TAL CAN
Total/NA	Analysis	9034		1	475301	03/03/21 12:43	KLR	TAL CAN

Client Sample ID: SB-45 (0-2)
Date Collected: 02/25/21 16:25
Date Received: 02/26/21 13:45

Lab Sample ID: 240-145104-22
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	Moisture		1	474882	03/01/21 11:34	AJ	TAL CAN

Client Sample ID: SB-45 (0-2)
Date Collected: 02/25/21 16:25
Date Received: 02/26/21 13:45

Lab Sample ID: 240-145104-22
Matrix: Solid
Percent Solids: 91.6

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			475548	03/04/21 22:36	LAM	TAL CAN
Total/NA	Analysis	8260B		1	476041	03/09/21 21:54	SAM	TAL CAN

Client Sample ID: SB-45 (2-4)
Date Collected: 02/25/21 16:30
Date Received: 02/26/21 13:45

Lab Sample ID: 240-145104-23
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	Moisture		1	474882	03/01/21 11:34	AJ	TAL CAN

Client Sample ID: SB-45 (2-4)
Date Collected: 02/25/21 16:30
Date Received: 02/26/21 13:45

Lab Sample ID: 240-145104-23
Matrix: Solid
Percent Solids: 77.5

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			475548	03/04/21 22:36	LAM	TAL CAN
Total/NA	Analysis	8260B		1	476041	03/09/21 22:19	SAM	TAL CAN

Client Sample ID: SB-45 (4-6)
Date Collected: 02/25/21 16:40
Date Received: 02/26/21 13:45

Lab Sample ID: 240-145104-24
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	Moisture		1	474882	03/01/21 11:34	AJ	TAL CAN

Lab Chronicle

Client: TRC Environmental Corporation.
Project/Site: ABB 2019 \ 2020

Job ID: 240-145104-1

Client Sample ID: SB-45 (4-6)

Lab Sample ID: 240-145104-24

Date Collected: 02/25/21 16:40
Date Received: 02/26/21 13:45

Matrix: Solid
Percent Solids: 85.9

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			475548	03/04/21 22:36	LAM	TAL CAN
Total/NA	Analysis	8260B		1	476041	03/09/21 22:44	SAM	TAL CAN

Client Sample ID: SB-45

Lab Sample ID: 240-145104-25

Date Collected: 02/25/21 16:45
Date Received: 02/26/21 13:45

Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
SPLP	Leach	1312			476496	03/11/21 16:50	DRJ	TAL CAN
SPLP	Analysis	8260B		1	476637	03/12/21 21:44	TJL1	TAL CAN

Laboratory References:

TAL CAN = Eurofins TestAmerica, Canton, 4101 Shuffel Street NW, North Canton, OH 44720, TEL (330)497-9396

Accreditation/Certification Summary

Client: TRC Environmental Corporation.
Project/Site: ABB 2019 \ 2020

Job ID: 240-145104-1

Laboratory: Eurofins TestAmerica, Canton

Unless otherwise noted, all analytes for this laboratory were covered under each accreditation/certification below.

Authority	Program	Identification Number	Expiration Date
Ohio VAP	State	CL0024	12-21-23

The following analytes are included in this report, but the laboratory is not certified by the governing authority. This list may include analytes for which the agency does not offer certification.

Analysis Method	Prep Method	Matrix	Analyte
1010A		Solid	Flashpoint
6010B	3010A	Solid	Arsenic
6010B	3010A	Solid	Barium
6010B	3010A	Solid	Cadmium
6010B	3010A	Solid	Chromium
6010B	3010A	Solid	Lead
6010B	3010A	Solid	Selenium
6010B	3010A	Solid	Silver
7470A	7470A	Solid	Mercury
8260B		Solid	1,1,1-Trichloroethane
8260B		Solid	1,1,2,2-Tetrachloroethane
8260B		Solid	1,1,2-Trichloroethane
8260B		Solid	1,1-Dichloroethane
8260B		Solid	1,1-Dichloroethene
8260B		Solid	1,2,4-Trichlorobenzene
8260B		Solid	1,2-Dibromo-3-Chloropropane
8260B		Solid	1,2-Dichlorobenzene
8260B		Solid	1,2-Dichloroethane
8260B		Solid	1,2-Dichloropropane
8260B		Solid	1,3-Dichlorobenzene
8260B		Solid	1,4-Dichlorobenzene
8260B		Solid	1,4-Dioxane
8260B		Solid	2-Butanone (MEK)
8260B		Solid	2-Hexanone
8260B		Solid	4-Methyl-2-pentanone (MIBK)
8260B		Solid	Acetone
8260B		Solid	Benzene
8260B		Solid	Bromoform
8260B		Solid	Bromomethane
8260B		Solid	Carbon disulfide
8260B		Solid	Carbon tetrachloride
8260B		Solid	Chlorobenzene
8260B		Solid	Chlorodibromomethane
8260B		Solid	Chloroethane
8260B		Solid	Chloroform
8260B		Solid	Chloromethane
8260B		Solid	cis-1,2-Dichloroethene
8260B		Solid	cis-1,3-Dichloropropene
8260B		Solid	Dichlorobromomethane
8260B		Solid	Dichlorodifluoromethane
8260B		Solid	Ethylbenzene
8260B		Solid	Ethylene Dibromide
8260B		Solid	Isopropylbenzene
8260B		Solid	Methyl tert-butyl ether
8260B		Solid	Methylene Chloride

Laboratory: Eurofins TestAmerica, Canton (Continued)

Unless otherwise noted, all analytes for this laboratory were covered under each accreditation/certification below.

Authority	Program	Identification Number	Expiration Date
Ohio VAP	State	CL0024	12-21-23
8260B	Solid	Naphthalene	
8260B	Solid	Styrene	
8260B	Solid	Tetrachloroethene	
8260B	Solid	Toluene	
8260B	Solid	trans-1,2-Dichloroethene	
8260B	Solid	trans-1,3-Dichloropropene	
8260B	Solid	Trichloroethene	
8260B	Solid	Trichlorofluoromethane	
8260B	Solid	Vinyl chloride	
8260B	Solid	Xylenes, Total	
8260B	Water	1,1,1-Trichloroethane	
8260B	Water	1,1,2,2-Tetrachloroethane	
8260B	Water	1,1,2-Trichloroethane	
8260B	Water	1,1-Dichloroethane	
8260B	Water	1,1-Dichloroethene	
8260B	Water	1,2,4-Trichlorobenzene	
8260B	Water	1,2-Dibromo-3-Chloropropane	
8260B	Water	1,2-Dichlorobenzene	
8260B	Water	1,2-Dichloroethane	
8260B	Water	1,2-Dichloropropane	
8260B	Water	1,3-Dichlorobenzene	
8260B	Water	1,4-Dichlorobenzene	
8260B	Water	1,4-Dioxane	
8260B	Water	2-Butanone (MEK)	
8260B	Water	2-Hexanone	
8260B	Water	4-Methyl-2-pentanone (MIBK)	
8260B	Water	Acetone	
8260B	Water	Benzene	
8260B	Water	Bromoform	
8260B	Water	Bromomethane	
8260B	Water	Carbon disulfide	
8260B	Water	Carbon tetrachloride	
8260B	Water	Chlorobenzene	
8260B	Water	Chlorodibromomethane	
8260B	Water	Chloroethane	
8260B	Water	Chloroform	
8260B	Water	Chloromethane	
8260B	Water	cis-1,2-Dichloroethene	
8260B	Water	cis-1,3-Dichloropropene	
8260B	Water	Dichlorobromomethane	
8260B	Water	Dichlorodifluoromethane	
8260B	Water	Ethylbenzene	
8260B	Water	Ethylene Dibromide	
8260B	Water	Isopropylbenzene	
8260B	Water	Methyl tert-butyl ether	
8260B	Water	Methylene Chloride	
8260B	Water	Naphthalene	
8260B	Water	Styrene	
8260B	Water	Tetrachloroethene	

Laboratory: Eurofins TestAmerica, Canton (Continued)

Unless otherwise noted, all analytes for this laboratory were covered under each accreditation/certification below.

Authority		Program		Identification Number	Expiration Date
Ohio VAP		State		CL0024	12-21-23
8260B			Water	Toluene	
8260B			Water	trans-1,2-Dichloroethene	
8260B			Water	trans-1,3-Dichloropropene	
8260B			Water	Trichloroethene	
8260B			Water	Trichlorofluoromethane	
8260B			Water	Vinyl chloride	
8260B			Water	Xylenes, Total	
8260B	5030B		Solid	1,1,1-Trichloroethane	
8260B	5030B		Solid	1,1,2,2-Tetrachloroethane	
8260B	5030B		Solid	1,1,2-Trichloroethane	
8260B	5030B		Solid	1,1-Dichloroethane	
8260B	5030B		Solid	1,1-Dichloroethene	
8260B	5030B		Solid	1,2,4-Trichlorobenzene	
8260B	5030B		Solid	1,2-Dibromo-3-Chloropropane	
8260B	5030B		Solid	1,2-Dichlorobenzene	
8260B	5030B		Solid	1,2-Dichloroethane	
8260B	5030B		Solid	1,2-Dichloropropane	
8260B	5030B		Solid	1,3-Dichlorobenzene	
8260B	5030B		Solid	1,4-Dichlorobenzene	
8260B	5030B		Solid	1,4-Dioxane	
8260B	5030B		Solid	2-Butanone (MEK)	
8260B	5030B		Solid	2-Hexanone	
8260B	5030B		Solid	4-Methyl-2-pentanone (MIBK)	
8260B	5030B		Solid	Acetone	
8260B	5030B		Solid	Benzene	
8260B	5030B		Solid	Bromoform	
8260B	5030B		Solid	Bromomethane	
8260B	5030B		Solid	Carbon disulfide	
8260B	5030B		Solid	Carbon tetrachloride	
8260B	5030B		Solid	Chlorobenzene	
8260B	5030B		Solid	Chlorodibromomethane	
8260B	5030B		Solid	Chloroethane	
8260B	5030B		Solid	Chloroform	
8260B	5030B		Solid	Chloromethane	
8260B	5030B		Solid	cis-1,2-Dichloroethene	
8260B	5030B		Solid	cis-1,3-Dichloropropene	
8260B	5030B		Solid	Dichlorobromomethane	
8260B	5030B		Solid	Dichlorodifluoromethane	
8260B	5030B		Solid	Ethylbenzene	
8260B	5030B		Solid	Ethylene Dibromide	
8260B	5030B		Solid	Isopropylbenzene	
8260B	5030B		Solid	Methyl tert-butyl ether	
8260B	5030B		Solid	Methylene Chloride	
8260B	5030B		Solid	Naphthalene	
8260B	5030B		Solid	Styrene	
8260B	5030B		Solid	Tetrachloroethene	
8260B	5030B		Solid	Toluene	
8260B	5030B		Solid	trans-1,2-Dichloroethene	
8260B	5030B		Solid	trans-1,3-Dichloropropene	

Laboratory: Eurofins TestAmerica, Canton (Continued)

Unless otherwise noted, all analytes for this laboratory were covered under each accreditation/certification below.

Authority	Program	Identification Number	Expiration Date
Ohio VAP	State	CL0024	12-21-23

8260B	5030B	Solid	Trichloroethene
8260B	5030B	Solid	Trichlorofluoromethane
8260B	5030B	Solid	Vinyl chloride
8260B	5030B	Solid	Xylenes, Total
8260B	5035	Solid	1,1,1-Trichloroethane
8260B	5035	Solid	1,1,2,2-Tetrachloroethane
8260B	5035	Solid	1,1,2-Trichloroethane
8260B	5035	Solid	1,1-Dichloroethane
8260B	5035	Solid	1,1-Dichloroethene
8260B	5035	Solid	1,2,4-Trichlorobenzene
8260B	5035	Solid	1,2-Dibromo-3-Chloropropane
8260B	5035	Solid	1,2-Dichlorobenzene
8260B	5035	Solid	1,2-Dichloroethane
8260B	5035	Solid	1,2-Dichloropropane
8260B	5035	Solid	1,3-Dichlorobenzene
8260B	5035	Solid	1,4-Dichlorobenzene
8260B	5035	Solid	1,4-Dioxane
8260B	5035	Solid	2-Butanone (MEK)
8260B	5035	Solid	2-Hexanone
8260B	5035	Solid	4-Methyl-2-pentanone (MIBK)
8260B	5035	Solid	Acetone
8260B	5035	Solid	Benzene
8260B	5035	Solid	Bromoform
8260B	5035	Solid	Bromomethane
8260B	5035	Solid	Carbon disulfide
8260B	5035	Solid	Carbon tetrachloride
8260B	5035	Solid	Chlorobenzene
8260B	5035	Solid	Chlorodibromomethane
8260B	5035	Solid	Chloroethane
8260B	5035	Solid	Chloroform
8260B	5035	Solid	Chloromethane
8260B	5035	Solid	cis-1,2-Dichloroethene
8260B	5035	Solid	cis-1,3-Dichloropropene
8260B	5035	Solid	Dichlorobromomethane
8260B	5035	Solid	Dichlorodifluoromethane
8260B	5035	Solid	Ethylbenzene
8260B	5035	Solid	Ethylene Dibromide
8260B	5035	Solid	Isopropylbenzene
8260B	5035	Solid	Methyl tert-butyl ether
8260B	5035	Solid	Methylene Chloride
8260B	5035	Solid	Naphthalene
8260B	5035	Solid	Styrene
8260B	5035	Solid	Tetrachloroethene
8260B	5035	Solid	Toluene
8260B	5035	Solid	trans-1,2-Dichloroethene
8260B	5035	Solid	trans-1,3-Dichloropropene
8260B	5035	Solid	Trichloroethene
8260B	5035	Solid	Trichlorofluoromethane
8260B	5035	Solid	Vinyl chloride

Accreditation/Certification Summary

Client: TRC Environmental Corporation.
Project/Site: ABB 2019 \ 2020

Job ID: 240-145104-1

Laboratory: Eurofins TestAmerica, Canton (Continued)

Unless otherwise noted, all analytes for this laboratory were covered under each accreditation/certification below.

Authority		Program		Identification Number	Expiration Date
Ohio VAP		State		CL0024	12-21-23
8260B	5035	Solid	Xylenes, Total		
9012A	9012A	Solid	Cyanide, Total		
9034	9030B	Solid	Sulfide		
9034	9030B	Solid	Sulfide as H2S		
9045D		Solid	Corrosivity		
9045D		Solid	pH		
Moisture		Solid	Percent Moisture		
Moisture		Solid	Percent Solids		

Eurofins TestAmerica, Canton
4101 Shuffel Street NW
North Canton, OH 44720
Phone: 330-497-9396 Fax: 330-497-0772

Chain of Custody Record

eurofins | Environment Testing America

Client Information	Sampler: KENTON FOWLER	Lab PM: Howell, Leslie	Carrier Tracking No(s):	COC No: 240-77477-30888.9
Client Contact: Kathleen Teuscher	Phone: 513-675-5189	E-Mail: Leslie.Howell@Eurofinset.com	State of Origin:	Page: Page 9 of 12
Company: TRC Environmental Corporation	PWSID:			Job #:
Address: 1382 West Ninth Street Suite 400	Due Date Requested:			
City: Cleveland	TAT Requested (days):			
State, Zip: OH, 44113	Compliance Project: ☐ Yes ☐ No			
Phone:	PO #: Purchase Order Requested			
Email: kteuscher@trccompanies.com	WO #:			
Project Name: ABB 2019 \ 2020	Project #: 24024033			
Site:	SSOW#:			

Analysis Requested

Preservation Codes:
A - HCL, B - NaOH, C - Zn Acetate, D - Nitric Acid, E - NaHSO4, F - MeOH, G - Amchlor, H - Ascorbic Acid, I - Ice, J - DI Water, K - EDTA, L - EDA, M - Hexane, N - None, O -
Other:

240-145104 Chain of Custody

Sample Identification	Sample Date	Sample Time	Sample Type (C=comp, G=grab)	Matrix (W=water, S=solid, O=waste/oil, BT=Tissue, A=Air)	Field Filtered Sample (Yes or No)	Perform MS/MSD (Yes or No)	8260B - (MOD) TCL OLM03.1/4.2 Volatile Analyte L	6010B, 7196A	8260B - SPLP VOC	1010 - Ignitability	8260B - TCLP Volatiles	9012A, 9034_Calc, 9045C	6010B, 7470A	8260B - (MOD) TCL OLM03.1/4.2 Volatile Analyte L	Total Number of containers	Special Inst
			Preservation Code:				N	N	N	N	N	N	N	A		
SB-44	2/26/21	855	C	Solid					1						1	HOLD
SB-44 (0-2)		845	G	Solid			1								1	
SB-44 (2-4)		850	G	Solid			1								1	
SB-44 (4-6)		835	G	Solid			1								1	
SB-51		800	C	Solid					1						1	HOLD
SB-51 (0-2)		740	G	Solid			1								1	
SB-51 (2-4)		750	G	Solid			1								1	
SB-51 (4-6)		800	G	Solid			1								1	
CB025W01		945	G	W ~~Solid~~			3								3	3 VOAs w/ HCL
~~TB~~ KDF TripBlank		—		W ~~Solid~~			3								3	
CB025ED01	2/26/21	1200	G	Solid												VOC SAMPLE

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

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

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

Special Instructions/QC Requirements:

Empty Kit Relinquished by:	Date:	Time:	Method of Shipment:		
Relinquished by: Kenton Fowler	Date/Time: 2/26/21 1345	Company: TRC	Received by: [signature]	Date/Time: 2-26-21 1345	Company: ETA
Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company
Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company

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

Ver: 11.01.2020

Eurofins TestAmerica, Canton
4101 Shuffel Street NW
North Canton, OH 44720
Phone: 330-497-9396 Fax: 330-497-0772

Chain of Custody Record

eurofins | Environment Testing America

Client Information	Sampler:	Lab PM: Howell, Leslie	Carrier Tracking No(s):	COC No: 240-77477-30888.10
Client Contact: Kathleen Teuscher	Phone:	E-Mail: Leslie.Howell@Eurofinset.com	State of Origin:	Page: Page 10 of 12
Company: TRC Environmental Corporation	PWSID:			Job #:
Address: 1382 West Ninth Street Suite 400	Due Date Requested:			
City: Cleveland	TAT Requested (days):			
State, Zip: OH, 44113	Compliance Project: ☐ Yes ☐ No			
Phone:	PO #: Purchase Order Requested			
Email: kteuscher@trccompanies.com	WO #:			
Project Name: ABB 2019 \ 2020	Project #: 24024033			
Site:	SSOW#:			

Analysis Requested

Preservation Codes:

A - HCL, B - NaOH, C - Zn Acetate, D - Nitric Acid, E - NaHSO4, F - MeOH, G - Amchlor, H - Ascorbic Acid, I - Ice, J - DI Water, K - EDTA, L - EDA
M - Hexane, N - None, O - AsNaO2, P - Na2O4S, Q - Na2SO3, R - Na2S2O3, S - H2SO4, T - TSP Dodecahydrate, U - Acetone, V - MCAA, W - pH 4-5, Z - other (specify)

Other:

Sample Identification	Sample Date	Sample Time	Sample Type (C=comp, G=grab)	Matrix (W=water, S=solid, O=waste/oil, BT=Tissue, A=Air)	Field Filtered Sample (Yes or No)	Perform MS/MSD (Yes or No)	8260B - (MOD) TCL OLM03.1/4.2 Volatile Analyte L	6010B, 7196A	8260B - SPLP VOC	1010 - Ignitability	8260B - TCLP Volatiles	9012A, 9034, Calc, 9045C	6010B, 7470A	8260B - (MOD) TCL OLM03.1/4.2 Volatile Analyte L						Total Number of containers	Special Instructions/Note:
				Preservation Code:			N	N	N	N	N	N	N	A							
SB-54	2/26/21	820	C	Solid					1											1	HOLD
SB-54 (0-2)		810	G	Solid			1													1	
SB-54 (2-4)		815	G	Solid			1													1	
SB-54 (4-6)		820	G	Solid			1													1	
				Solid																	
				Solid																	
				Solid																	
				Solid																	
				Solid																	
				Solid																	
				Solid																	

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

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

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

Special Instructions/QC Requirements:

Empty Kit Relinquished by:	Date:	Time:	Method of Shipment:		
Relinquished by: Kathleen Fowler	Date/Time: 2/26/21 1345	Company: TRC	Received by: [signature]	Date/Time: 2-26-21 1345	Company: EAH
Relinquished by:	Date/Time:	Company	Received by: [signature]	Date/Time:	Company
Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company
Custody Seals Intact: ☐ Yes ☐ No	Custody Seal No.:		Cooler Temperature(s) °C and Other Remarks:		

Ver: 11.01.2020

Chain of Custody Record 497887

eurofins | Environment Testing TestAmerica

2/6/27 1-8/19

Address: _____

Regulatory Program: ☐ DW ☐ NPDES ☐ RCRA ☐ Other:

TAL-8210

Client Contact	Project Manager: DAVID KREGER	Site Contact: KENTON FOWLE	Date:	COC No:
Company Name: TRC	Tel/Email: (734) 904-3312	Lab Contact: LESLIE HOWE	Carrier:	____ of ____ COCs
Address:	Analysis Turnaround Time			Sampler:
City/State/Zip:	☐ CALENDAR DAYS ☐ WORKING DAYS			For Lab Use Only:
Phone: (734) 904-3312	TAT if different from Below _____			Walk-in Client:
Fax:	☐ 2 weeks			Lab Sampling:
Project Name: ABB - WICKLIFFE	☐ 1 week			
Site: WICKLIFFE, OHIO	☐ 2 days			Job / SDG No.:
PO #	☐ 1 day			

Sample Identification	Sample Date	Sample Time	Sample Type (C=Comp, G=Grab)	Matrix	# of Cont.	Filtered Sample (Y/N)	Perform MS/MSD (Y/N)	8260/8035 (01 Water)	SPLP	WC - IGN, Flam, React, Cor	TCLP - VOCs	TCLP - METALS	Sample Specific Notes:
DUP-03	2/25/2021	—	G	SOIL	4			X					
DUP-04	↓	—	G	↓	4			X					
WCA03-01(0-2)		15:35	G		4								
WCA03-01(2-4)		15:45	G		4								
WCA03-01(4-6)		15:50	G		4								
WCA03-01		16:00	COMP		1				X				HOLD PENDING VOC ANALYSIS
SB-45 (0-2)		16:25	G		4			X					
SB-45(2-4)		16:30	G		4			X					
SB-45 (4-6)		16:40	G		4			X					
SB-45	↓	16:45	COMP	↓	2					X	X	X	
Preservation Used: 1= Ice, 2= HCl; 3= H2SO4; 4=HNO3; 5=NaOH; 6= Other DI WATER / METHANOL								6	1	1	1	1	

Possible Hazard Identification:
Are any samples from a listed EPA Hazardous Waste? Please List any EPA Waste Codes for the sample in the Comments Section if the lab is to dispose of the sample.

☐ Non-Hazard ☐ Flammable ☐ Skin Irritant ☐ Poison B ☐ Unknown

Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)

☐ Return to Client ☐ Disposal by Lab ☐ Archive for _____ Months

Special Instructions/QC Requirements & Comments: OHIO VAP CERTIFIED DATA ←

Custody Seals Intact: ☐ Yes ☐ No | Custody Seal No.: 1345 | Cooler Temp. (°C): Obs'd: _____ Corr'd: _____ | Therm ID No.: _____

Relinquished by:	Company:	Date/Time:	Received by:	Company:	Date/Time:
Kenton Fowle	TRC	2/26/2021	[signature]	ETA	2-26-21 1345
Relinquished by:	Company:	Date/Time:	Received by:	Company:	Date/Time:
Relinquished by:	Company:	Date/Time:	Received in Laboratory by:	Company:	Date/Time:

Eurofins TestAmerica Canton Sample Receipt Form/Narrative
Canton Facility

Login # : 145104

Client IRC Site Name _____

Cooler unpacked by:

Cooler Received on 2-26-21 Opened on 2-26-21

FedEx: 1st Grd Exp UPS FAS Clipper Client Drop Off TestAmerica Courier Other _____

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

TestAmerica Cooler # TA Foam Box Client Cooler Box Other _____

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

COOLANT: Wet Ice Blue Ice Dry Ice Water None

1. Cooler temperature upon receipt ☑ See Multiple Cooler Form
   IR GUN# IR-11 (CF +0.1 °C) Observed Cooler Temp._____°C Corrected Cooler Temp._____°C
   IR GUN #IR-12 (CF +0.2°C) Observed Cooler Temp._____°C Corrected Cooler Temp._____°C
2. Were tamper/custody seals on the outside of the cooler(s)? If Yes Quantity_____ Yes No
   -Were the seals on the outside of the cooler(s) signed & dated? Yes No NA
   -Were tamper/custody seals on the bottle(s) or bottle kits (LLHg/MeHg)? Yes No
   -Were tamper/custody seals intact and uncompromised? Yes No NA
3. Shippers' packing slip attached to the cooler(s)? Yes No
4. Did custody papers accompany the sample(s)? Yes No
5. Were the custody papers relinquished & signed in the appropriate place? Yes No
6. Was/were the person(s) who collected the samples clearly identified on the COC? Yes No
7. Did all bottles arrive in good condition (Unbroken)? Yes No
8. Could all bottle labels (ID/Date/Time) be reconciled with the COC? Yes No
9. For each sample, does the COC specify preservatives (Y/N), # of containers (Y/N), and sample type of grab/comp(Y/N)?
10. Were correct bottle(s) used for the test(s) indicated? Yes No
11. Sufficient quantity received to perform indicated analyses? Yes No
12. Are these work share samples and all listed on the COC? Yes No
    If yes, Questions 13-17 have been checked at the originating laboratory.
13. Were all preserved sample(s) at the correct pH upon receipt? Yes No NA pH Strip Lot# **HC907861**
14. Were VOAs on the COC? Yes No
15. Were air bubbles >6 mm in any VOA vials? ● ⬅ Larger than this. Yes No NA
16. Was a VOA trip blank present in the cooler(s)? Trip Blank Lot #_____ Yes No
17. Was a LL Hg or Me Hg trip blank present? _____ Yes No

Tests that are not checked for pH by Receiving:

VOAs
Oil and Grease
TOC

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

Concerning _____

18. CHAIN OF CUSTODY & SAMPLE DISCREPANCIES ☐ additional next page

Samples processed by:

19. SAMPLE CONDITION

Sample(s) _____ were received after the recommended holding time had expired.
Sample(s) _____ were received in a broken container.
Sample(s) _____ were received with bubble >6 mm in diameter. (Notify PM)

20. SAMPLE PRESERVATION

Sample(s) _____ were further preserved in the laboratory.
Time preserved: _____ Preservative(s) added/Lot number(s):_____

VOA Sample Preservation - Date/Time VOAs Frozen: ~~12-6~~ 2-26-21 @ 18:05

Login # : 145104

Eurofins TestAmerica Canton Sample Receipt Multiple Cooler Form				
Cooler Description (Circle)	IR Gun # (Circle)	Observed Temp °C	Corrected Temp °C	Coolant (Circle)
TA Client Box Other	IR-11 IR-12	2.6	2.7	Wet Ice Blue Ice Dry Ice Water None
TA Client Box Other	IR-11 IR-12	1.8	1.9	Wet Ice Blue Ice Dry Ice Water None
TA Client Box Other	IR-11 IR-12			Wet Ice Blue Ice Dry Ice Water None
TA Client Box Other	IR-11 IR-12			Wet Ice Blue Ice Dry Ice Water None
TA Client Box Other	IR-11 IR-12			Wet Ice Blue Ice Dry Ice Water None
TA Client Box Other	IR-11 IR-12			Wet Ice Blue Ice Dry Ice Water None
TA Client Box Other	IR-11 IR-12			Wet Ice Blue Ice Dry Ice Water None
TA Client Box Other	IR-11 IR-12			Wet Ice Blue Ice Dry Ice Water None
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TA Client Box Other	IR-11 IR-12			Wet Ice Blue Ice Dry Ice Water None
TA Client Box Other	IR-11 IR-12			Wet Ice Blue Ice Dry Ice Water None
TA Client Box Other	IR-11 IR-12			Wet Ice Blue Ice Dry Ice Water None
TA Client Box Other	IR-11 IR-12			Wet Ice Blue Ice Dry Ice Water None
TA Client Box Other	IR-11 IR-12			Wet Ice Blue Ice Dry Ice Water None
TA Client Box Other	IR-11 IR-12			Wet Ice Blue Ice Dry Ice Water None
TA Client Box Other	IR-11 IR-12			Wet Ice Blue Ice Dry Ice Water None
TA Client Box Other	IR-11 IR-12			Wet Ice Blue Ice Dry Ice Water None
TA Client Box Other	IR-11 IR-12			Wet Ice Blue Ice Dry Ice Water None
TA Client Box Other	IR-11 IR-12			Wet Ice Blue Ice Dry Ice Water None
TA Client Box Other	IR-11 IR-12			Wet Ice Blue Ice Dry Ice Water None
TA Client Box Other	IR-11 IR-12			Wet Ice Blue Ice Dry Ice Water None
TA Client Box Other	IR-11 IR-12			Wet Ice Blue Ice Dry Ice Water None
TA Client Box Other	IR-11 IR-12			Wet Ice Blue Ice Dry Ice Water None
TA Client Box Other	IR-11 IR-12			Wet Ice Blue Ice Dry Ice Water None
TA Client Box Other	IR-11 IR-12			Wet Ice Blue Ice Dry Ice Water None
TA Client Box Other	IR-11 IR-12			Wet Ice Blue Ice Dry Ice Water None
TA Client Box Other	IR-11 IR-12			Wet Ice Blue Ice Dry Ice Water None
TA Client Box Other	IR-11 IR-12			Wet Ice Blue Ice Dry Ice Water None
TA Client Box Other	IR-11 IR-12			Wet Ice Blue Ice Dry Ice Water None
TA Client Box Other	IR-11 IR-12			Wet Ice Blue Ice Dry Ice Water None
TA Client Box Other	IR-11 IR-12			Wet Ice Blue Ice Dry Ice Water None
TA Client Box Other	IR-11 IR-12			Wet Ice Blue Ice Dry Ice Water None
☐ See Temperature Excursion Form				

WI-NC-099 Cooler Receipt Form Page 2 – Multiple Coolers

Eurofins TestAmerica, Canton
4101 Shuffel Street NW
North Canton, OH 44720
Phone: 330-497-9396 Fax: 330-497-0772

Chain of Custody Record

eurofins | Environment Testing America

Client Information	Sampler: KENTON FOWLER	Lab PM: Howell, Leslie	Carrier Tracking No(s):	COC No: 240-77477-30888.9
Client Contact: Kathleen Teuscher	Phone: 513-675-5189	E-Mail: Leslie.Howell@Eurofinset.com	State of Origin:	Page: Page 9 of 12
Company: TRC Environmental Corporation	PWSID:			Job #:
Address: 1382 West Ninth Street Suite 400	Due Date Requested:			
City: Cleveland	TAT Requested (days):			
State, Zip: OH, 44113	Compliance Project: ☐ Yes ☐ No			
Phone:	PO #: Purchase Order Requested			
Email: kteuscher@trccompanies.com	WO #:			
Project Name: ABB 2019 \ 2020	Project #: 24024033			
Site:	SSOW#:			

Analysis Requested

Preservation Codes:
A - HCL, B - NaOH, C - Zn Acetate, D - Nitric Acid, E - NaHSO4, F - MeOH, G - Amchlor, H - Ascorbic Acid, I - Ice, J - DI Water, K - EDTA, L - EDA, M - Hexane, N - None, O -
Other:

240-145104 Chain of Custody

Sample Identification	Sample Date	Sample Time	Sample Type (C=comp, G=grab)	Matrix (W=water, S=solid, O=waste/oil, BT=Tissue, A=Air)	Field Filtered Sample (Yes or No)	Perform MS/MSD (Yes or No)	8260B - (MOD) TCL OLM03.1/4.2 Volatile Analyte L	6010B, 7196A	8260B - SPLP VOC	1010 - Ignitability	8260B - TCLP Volatiles	9012A, 9034_Calc, 9045C	6010B, 7470A	8260B - (MOD) TCL OLM03.1/4.2 Volatile Analyte L	Total Number of containers	Special Inst
			Preservation Code:				N	N	N	N	N	N	N	A		
SB-44	2/26/21	855	C	Solid					1						1	HOLD
SB-44 (0-2)		845	G	Solid			1								1	
SB-44 (2-4)		850	G	Solid			1								1	
SB-44 (4-6)		835	G	Solid			1								1	
SB-51		800	C	Solid					1						1	HOLD
SB-51 (0-2)		740	G	Solid			1								1	
SB-51 (2-4)		750	G	Solid			1								1	
SB-51 (4-6)		800	G	Solid			1								1	
CB025W01		945	G	W ~~Solid~~			3								3	3 VOAs w/ HCL
~~TB~~ KDF TripBlank		—		W ~~Solid~~			3								3	
CB025ED01	2/26/21	1200	G	Solid												VOC SAMPLE

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

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

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

Special Instructions/QC Requirements:

Empty Kit Relinquished by:	Date:	Time:	Method of Shipment:		
Relinquished by: Kenton Fowler	Date/Time: 2/26/21 1345	Company: TRC	Received by:	Date/Time: 2-26-21 1345	Company: ETA
Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company
Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company

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

Ver: 11.01.2020

Eurofins TestAmerica, Canton
4101 Shuffel Street NW
North Canton, OH 44720
Phone: 330-497-9396 Fax: 330-497-0772

Chain of Custody Record

eurofins | Environment Testing America

Client Information	Sampler:	Lab PM: Howell, Leslie	Carrier Tracking No(s):	COC No: 240-77477-30888.10
Client Contact: Kathleen Teuscher	Phone:	E-Mail: Leslie.Howell@Eurofinset.com	State of Origin:	Page: Page 10 of 12
Company: TRC Environmental Corporation	PWSID:			Job #:

Address: 1382 West Ninth Street Suite 400
City: Cleveland
State, Zip: OH, 44113
Phone:
Email: kteuscher@trccompanies.com
Project Name: ABB 2019 \ 2020
Site:

Due Date Requested:
TAT Requested (days):
Compliance Project: ∆ Yes ∆ No
PO #: Purchase Order Requested
WO #:
Project #: 24024033
SSOW#:

Analysis Requested

Preservation Codes:

A - HCL, B - NaOH, C - Zn Acetate, D - Nitric Acid, E - NaHSO4, F - MeOH, G - Amchlor, H - Ascorbic Acid, I - Ice, J - DI Water, K - EDTA, L - EDA
M - Hexane, N - None, O - AsNaO2, P - Na2O4S, Q - Na2SO3, R - Na2S2O3, S - H2SO4, T - TSP Dodecahydrate, U - Acetone, V - MCAA, W - pH 4-5, Z - other (specify)

Other:

Sample Identification	Sample Date	Sample Time	Sample Type (C=comp, G=grab)	Matrix (W=water, S=solid, O=waste/oil, BT=Tissue, A=Air)	Field Filtered Sample (Yes or No)	Perform MS/MSD (Yes or No)	8260B - (MOD) TCL OLM03.1/4.2 Volatile Analyte L	6010B, 7196A	8260B - SPLP VOC	1010 - Ignitability	8260B - TCLP Volatiles	9012A, 9034, Calc, 9045C	6010B, 7470A	8260B - (MOD) TCL OLM03.1/4.2 Volatile Analyte L						Total Number of containers	Special Instructions/Note:
				Preservation Code:			N	N	N	N	N	N	N	A							
SB-54	2/26/21	820	C	Solid					1											1	HOLD
SB-54 (0-2)		810	G	Solid			1													1	
SB-54 (2-4)		815	G	Solid			1													1	
SB-54 (4-6)		820	G	Solid			1													1	
				Solid																	
				Solid																	
				Solid																	
				Solid																	
				Solid																	
				Solid																	
				Solid																	

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

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

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

Special Instructions/QC Requirements:

Empty Kit Relinquished by:	Date:	Time:	Method of Shipment:		
Relinquished by: Kathleen Fowler	Date/Time: 2/26/21 1345	Company: TRC	Received by: [signature]	Date/Time: 2-26-21 1345	Company: EAH
Relinquished by:	Date/Time:	Company	Received by: [signature]	Date/Time:	Company
Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company

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

Ver: 11.01.2020

Chain of Custody Record 497887

eurofins | Environment Testing TestAmerica

2.6/27 1.8/19

Address: _____

Regulatory Program: ☐ DW ☐ NPDES ☐ RCRA ☐ Other:

TAL-8210

Client Contact	Project Manager: DAVID KREEGER	Site Contact: KENTON FOWLER	Date:	COC No:
Company Name: TRC	Tel/Email: (734) 904-3312	Lab Contact: LESLIE HOWELL	Carrier:	____ of ____ COCs
Address:	Analysis Turnaround Time			Sampler:
City/State/Zip:	☐ CALENDAR DAYS ☐ WORKING DAYS			For Lab Use Only:
Phone: (734) 904-3312	TAT if different from Below ____			Walk-in Client:
Fax:	☐ 2 weeks			Lab Sampling:
Project Name: ABB - WICKLIFFE	☐ 1 week			
Site: WICKLIFFE, OHIO	☐ 2 days			Job / SDG No.:
P O #	☐ 1 day			

Sample Identification	Sample Date	Sample Time	Sample Type (C=Comp, G=Grab)	Matrix	# of Cont.	Filtered Sample (Y/N)	Perform MS / MSD (Y/N)	8260/8035 (DI WATER)	SPLP	WC - IGN, FLAM, REACT, CORR	TCLP - VOLS	TCLP - METALS	Sample Specific Notes:
DUP-03	2/25/2021	—	G	SOIL	4			X					
DUP-04	↓	—	G	↓	4			X					
WCA03-01 (0-2)	↓	15:35	G	↓	4								
WCA03-01 (2-4)	↓	15:45	G	↓	4								
WCA03-01 (4-6)	↓	15:50	G	↓	4								
WCA03-01	↓	16:00	COMP	↓	1				X				HOLD PENDING VOL ANALYSIS
SB-45 (0-2)	↓	16:25	G	↓	4			X					
SB-45 (2-4)	↓	16:30	G	↓	4			X					
SB-45 (4-6)	↓	16:40	G	↓	4			X					
SB-45	↓	16:45	COMP	↓	2					X	X	X	
Preservation Used: 1= Ice, 2= HCl; 3= H2SO4; 4=HNO3; 5=NaOH; 6= Other DI WATER / METHANOL								6	1	1	1	1	

Possible Hazard Identification:
Are any samples from a listed EPA Hazardous Waste? Please List any EPA Waste Codes for the sample in the Comments Section if the lab is to dispose of the sample.

☐ Non-Hazard ☐ Flammable ☐ Skin Irritant ☐ Poison B ☐ Unknown

Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)

☐ Return to Client ☐ Disposal by Lab ☐ Archive for _____ Months

Special Instructions/QC Requirements & Comments: OHIO VAP CERTIFIED DATA ←

Custody Seals Intact: ☐ Yes ☐ No | Custody Seal No.: 1345 | Cooler Temp. (°C): Obs'd: _____ Corr'd: _____ Therm ID No.: _____

Relinquished by:	Company:	Date/Time:	Received by:	Company:	Date/Time:
Kenton Fowler	TRC	2/26/2021	[signature]	ETA	2-26-21 1345
Relinquished by:	Company:	Date/Time:	Received by:	Company:	Date/Time:
Relinquished by:	Company:	Date/Time:	Received in Laboratory by:	Company:	Date/Time:

Eurofins TestAmerica Canton Sample Receipt Form/Narrative
Canton Facility

Login # : 145104

Client IRC Site Name _____

Cooler unpacked by:

Cooler Received on 2-26-21 Opened on 2-26-21

FedEx: 1st Grd Exp UPS FAS Clipper Client Drop Off TestAmerica Courier Other _____

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

TestAmerica Cooler # TA Foam Box Client Cooler Box Other _____

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

COOLANT: Wet Ice Blue Ice Dry Ice Water None

1. Cooler temperature upon receipt ☑ See Multiple Cooler Form
   IR GUN# IR-11 (CF +0.1 °C) Observed Cooler Temp._____°C Corrected Cooler Temp._____°C
   IR GUN #IR-12 (CF +0.2°C) Observed Cooler Temp._____°C Corrected Cooler Temp._____°C
2. Were tamper/custody seals on the outside of the cooler(s)? If Yes Quantity_____ Yes No
   -Were the seals on the outside of the cooler(s) signed & dated? Yes No NA
   -Were tamper/custody seals on the bottle(s) or bottle kits (LLHg/MeHg)? Yes No
   -Were tamper/custody seals intact and uncompromised? Yes No NA
3. Shippers' packing slip attached to the cooler(s)? Yes No
4. Did custody papers accompany the sample(s)? Yes No
5. Were the custody papers relinquished & signed in the appropriate place? Yes No
6. Was/were the person(s) who collected the samples clearly identified on the COC? Yes No
7. Did all bottles arrive in good condition (Unbroken)? Yes No
8. Could all bottle labels (ID/Date/Time) be reconciled with the COC? Yes No
9. For each sample, does the COC specify preservatives (Y/N), # of containers (Y/N), and sample type of grab/comp(Y/N)?
10. Were correct bottle(s) used for the test(s) indicated? Yes No
11. Sufficient quantity received to perform indicated analyses? Yes No
12. Are these work share samples and all listed on the COC? Yes No
    If yes, Questions 13-17 have been checked at the originating laboratory.
13. Were all preserved sample(s) at the correct pH upon receipt? Yes No NA pH Strip Lot# **HC907861**
14. Were VOAs on the COC? Yes No
15. Were air bubbles >6 mm in any VOA vials? ● ⬅ Larger than this. Yes No NA
16. Was a VOA trip blank present in the cooler(s)? Trip Blank Lot #_____ Yes No
17. Was a LL Hg or Me Hg trip blank present? _____ Yes No

Tests that are not checked for pH by Receiving:

VOAs
Oil and Grease
TOC

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

Concerning _____

18. CHAIN OF CUSTODY & SAMPLE DISCREPANCIES ☐ additional next page

Samples processed by:

19. SAMPLE CONDITION

Sample(s) _____ were received after the recommended holding time had expired.
Sample(s) _____ were received in a broken container.
Sample(s) _____ were received with bubble >6 mm in diameter. (Notify PM)

20. SAMPLE PRESERVATION

Sample(s) _____ were further preserved in the laboratory.
Time preserved: _____ Preservative(s) added/Lot number(s):_____

VOA Sample Preservation - Date/Time VOAs Frozen: ~~12-6~~ 2-26-21 @ 18:05

Login # : 145104

Eurofins TestAmerica Canton Sample Receipt Multiple Cooler Form				
Cooler Description (Circle)	IR Gun # (Circle)	Observed Temp °C	Corrected Temp °C	Coolant (Circle)
TA Client Box Other	IR-11 IR-12	2.6	2.7	Wet Ice Blue Ice Dry Ice Water None
TA Client Box Other	IR-11 IR-12	1.8	1.9	Wet Ice Blue Ice Dry Ice Water None
TA Client Box Other	IR-11 IR-12			Wet Ice Blue Ice Dry Ice Water None
TA Client Box Other	IR-11 IR-12			Wet Ice Blue Ice Dry Ice Water None
TA Client Box Other	IR-11 IR-12			Wet Ice Blue Ice Dry Ice Water None
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TA Client Box Other	IR-11 IR-12			Wet Ice Blue Ice Dry Ice Water None
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TA Client Box Other	IR-11 IR-12			Wet Ice Blue Ice Dry Ice Water None
TA Client Box Other	IR-11 IR-12			Wet Ice Blue Ice Dry Ice Water None
TA Client Box Other	IR-11 IR-12			Wet Ice Blue Ice Dry Ice Water None
☐ See Temperature Excursion Form				

WI-NC-099 Cooler Receipt Form Page 2 – Multiple Coolers

Chain of Custody Record 497887

eurofins | Environment Testing TestAmerica

2/6/27 1-8/19

Address: _____

Regulatory Program: ☐ DW ☐ NPDES ☐ RCRA ☐ Other:

TAL-8210

Client Contact	Project Manager: DAVID KREGER	Site Contact: KENTON FOWLE	Date:	COC No:
Company Name: TRC	Tel/Email: (734) 904-3312	Lab Contact: LESLIE HOWE	Carrier:	____ of ____ COCs
Address:	Analysis Turnaround Time			Sampler:
City/State/Zip:	☐ CALENDAR DAYS ☐ WORKING DAYS			For Lab Use Only:
Phone: (734) 904-3312	TAT if different from Below _____			Walk-in Client:
Fax:	☐ 2 weeks			Lab Sampling:
Project Name: ABB - WICKLIFFE	☐ 1 week			
Site: WICKLIFFE, OHIO	☐ 2 days			Job / SDG No.:
PO #	☐ 1 day			

Sample Identification	Sample Date	Sample Time	Sample Type (C=Comp, G=Grab)	Matrix	# of Cont.	Filtered Sample (Y/N)	Perform MS/MSD (Y/N)	8260/8035 (01 Water)	SPLP	WC - IGN, Flam, React, Cor	TCLP - VOCs	TCLP - METALS	Sample Specific Notes:
DUP-03	2/25/2021	—	G	SOIL	4			X					
DUP-04	↓	—	G	↓	4			X					
WCA03-01 (0-2)		15:35	G		4								
WCA03-01 (2-4)		15:45	G		4								
WCA03-01 (4-6)		15:50	G		4								
WCA03-01		16:00	COMP		1				X				HOLD PENDING VOC ANALYSIS
SB-45 (0-2)		16:25	G		4			X					
SB-45 (2-4)		16:30	G		4			X					
SB-45 (4-6)		16:40	G		4			X					
SB-45	↓	16:45	COMP	↓	2					X	X	X	
Preservation Used: 1= Ice, 2= HCl; 3= H2SO4; 4=HNO3; 5=NaOH; 6= Other DI WATER / METHANOL								6	1	1	1	1	

Possible Hazard Identification:
Are any samples from a listed EPA Hazardous Waste? Please List any EPA Waste Codes for the sample in the Comments Section if the lab is to dispose of the sample.

☐ Non-Hazard ☐ Flammable ☐ Skin Irritant ☐ Poison B ☐ Unknown

Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)

☐ Return to Client ☐ Disposal by Lab ☐ Archive for _____ Months

Special Instructions/QC Requirements & Comments: OHIO VAP CERTIFIED DATA ←

Custody Seals Intact: ☐ Yes ☐ No | Custody Seal No.: 1345 | Cooler Temp. (°C): Obs'd: _____ Corr'd: _____ | Therm ID No.: _____

Relinquished by:	Company:	Date/Time:	Received by:	Company:	Date/Time:
Kenton Fowle	TRC	2/26/2021	[illegible]	ETA	2-26-21 1345
Relinquished by:	Company:	Date/Time:	Received by:	Company:	Date/Time:
Relinquished by:	Company:	Date/Time:	Received in Laboratory by:	Company:	Date/Time:

eurofins | Environment Testing America

ANALYTICAL REPORT

Eurofins TestAmerica, Canton
4101 Shuffel Street NW
North Canton, OH 44720
Tel: (330)497-9396

Laboratory Job ID: 240-145104-2
Client Project/Site: ABB 2019 \ 2020

For:
TRC Environmental Corporation.
690 Taylor Road
Suite 100
Gahanna, Ohio 43230

Attn: Mr. David Kreeger

Patrick O'Meara

Authorized for release by:
3/22/2021 12:47:31 PM

Patrick O'Meara, Manager of Project Management
(330)966-5725
patrick.o'meara@eurofinset.com

LINKS

Review your project results through TotalAccess

Have a Question? Ask The Expert

Visit us at: www.eurofinsus.com/Env

This report has been electronically signed and authorized by the signatory. Electronic signature is intended to be the legally binding equivalent of a traditionally handwritten signature.

Results relate only to the items tested and the sample(s) as received by the laboratory.

Table of Contents

Cover Page 1
Table of Contents 2
Definitions/Glossary 3
Case Narrative 4
Method Summary 6
Sample Summary 7
Detection Summary 8
Client Sample Results 9
Surrogate Summary 15
QC Sample Results 16
QC Association Summary 19
Lab Chronicle 20
Certification Summary 21
Chain of Custody 23

Definitions/Glossary

Client: TRC Environmental Corporation.
Project/Site: ABB 2019 \ 2020

Job ID: 240-145104-2

Qualifiers

GC/MS VOA

Qualifier	Qualifier Description
B	Compound was found in the blank and sample.
J	Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.

Glossary

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

Job ID: 240-145104-2

Laboratory: Eurofins TestAmerica, Canton

Narrative

CASE NARRATIVE

Client: TRC Environmental Corporation.

Project: ABB 2019 2020

Report Number: 240-145104-2

With the exceptions noted as flags or footnotes, standard analytical protocols were followed in the analysis of the samples and no problems were encountered or anomalies observed. In addition all laboratory quality control samples were within established control limits, with any exceptions noted below. Each sample was analyzed to achieve the lowest possible reporting limit within the constraints of the method. In some cases, due to interference or analytes present at high concentrations, samples were diluted. For diluted samples, the reporting limits are adjusted relative to the dilution required.

Eurofins TestAmerica, Canton attests to the validity of the laboratory data generated by Eurofins TestAmerica facilities reported herein. All analyses performed by Eurofins TestAmerica facilities were done using established laboratory SOPs that incorporate QA/QC procedures described in the application methods. Eurofins TestAmerica's operations groups have reviewed the data for compliance with the laboratory QA/QC plan, and data have been found to be compliant with laboratory protocols unless otherwise noted below.

The test results in this report meet all NELAP requirements for parameters for which accreditation is required or available. Any exceptions to NELAP requirements are noted in this report. Pursuant to NELAP, this report may not be reproduced, except in full, without the written approval of the laboratory.

Calculations are performed before rounding to avoid round-off errors in calculated results.

All holding times were met and proper preservation noted for the methods performed on these samples, unless otherwise detailed in the individual sections below.

All solid sample results are reported on an "as received" basis unless otherwise indicated by the presence of a % solids value in the method header.

This laboratory report is confidential and is intended for the sole use of Eurofins TestAmerica and its client.

RECEIPT
The samples were received on 2/26/2021 1:45 PM. Unless otherwise noted below, the samples arrived in good condition, and where required, properly preserved and on ice. The temperatures of the 2 coolers at receipt time were 1.9º C and 2.7º C.

SPLP VOLATILE ORGANIC COMPOUNDS (GCMS)
Samples SB-44 (240-145104-1), SB-51 (240-145104-5) and SB-54 (240-145104-12) were analyzed for SPLP volatile organic compounds (GCMS) in accordance with EPA SW-846 Methods 1312/8260B. The samples were leached on 03/11/2021 and analyzed on 03/12/2021 and 03/15/2021.

Toluene was detected in method blank LB 240-476496/1-A at a level that was above the method detection limit but below the reporting limit. The value should be considered an estimate, and has been flagged. If the associated sample reported a result above the MDL and/or RL, the result has been flagged.

Insufficient sample volume was available to perform a matrix spike/matrix spike duplicate (MS/MSD) associated with preparation batch 240-476496.

The initial calibration (ICAL) did not pass the method calibration acceptance criteria for 1,4-Dioxane, and Chloroethane. This variance only affects results measured above the reporting limit. A CCV standard at or below the reporting limit (RL) was analyzed with the samples and

Job ID: 240-145104-2 (Continued)

Laboratory: Eurofins TestAmerica, Canton (Continued)

found to be acceptable. This demonstrates the reporting limit is valid for the affected analytes. The following samples associated with the ICAL were non-detect for the affected analytes; therefore, the results have been reported: SB-44 (240-145104-1), SB-54 (240-145104-12) and (CCVIS 240-476846/4).

Samples SB-44 (240-145104-1)[4X] and SB-54 (240-145104-12)[25X] required dilution prior to analysis. The reporting limits have been adjusted accordingly.

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

Method Summary

Client: TRC Environmental Corporation.
Project/Site: ABB 2019 \ 2020

Job ID: 240-145104-2

Method	Method Description	Protocol	Laboratory
8260B	Volatile Organic Compounds (GC/MS)	SW846	TAL CAN
1312	SPLP Extraction	SW846	TAL CAN
5030B	Purge and Trap	SW846	TAL CAN

Protocol References:

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

Laboratory References:

TAL CAN = Eurofins TestAmerica, Canton, 4101 Shuffel Street NW, North Canton, OH 44720, TEL (330)497-9396

Sample Summary

Client: TRC Environmental Corporation.
Project/Site: ABB 2019 \ 2020

Job ID: 240-145104-2

Lab Sample ID	Client Sample ID	Matrix	Collected	Received	Asset ID
240-145104-1	SB-44	Solid	02/26/21 08:55	02/26/21 13:45	
240-145104-5	SB-51	Solid	02/26/21 08:00	02/26/21 13:45	
240-145104-12	SB-54	Solid	02/26/21 08:20	02/26/21 13:45	

Detection Summary

Client: TRC Environmental Corporation.
Project/Site: ABB 2019 \ 2020

Job ID: 240-145104-2

Client Sample ID: SB-44 — Lab Sample ID: 240-145104-1

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Benzene	0.46	J	1.0	0.13	ug/L	1		8260B	SPLP
2-Butanone (MEK)	1.8	J	10	1.2	ug/L	1		8260B	SPLP
cis-1,2-Dichloroethene	34		1.0	0.16	ug/L	1		8260B	SPLP
1,1-Dichloroethane	1.9		1.0	0.17	ug/L	1		8260B	SPLP
1,2-Dichloroethane	0.48	J	1.0	0.21	ug/L	1		8260B	SPLP
1,1-Dichloroethene	0.37	J	1.0	0.19	ug/L	1		8260B	SPLP
Ethylbenzene	6.4		1.0	0.11	ug/L	1		8260B	SPLP
Tetrachloroethene	0.48	J	1.0	0.15	ug/L	1		8260B	SPLP
Toluene	17	B	1.0	0.14	ug/L	1		8260B	SPLP
1,1,1-Trichloroethane	8.7		1.0	0.24	ug/L	1		8260B	SPLP
1,1,2-Trichloroethane	1.8		1.0	0.090	ug/L	1		8260B	SPLP
Trichloroethene	130		4.0	0.40	ug/L	4		8260B	SPLP
Xylenes, Total	24		2.0	0.15	ug/L	1		8260B	SPLP

Client Sample ID: SB-51 — Lab Sample ID: 240-145104-5

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Tetrachloroethene	2.1		1.0	0.15	ug/L	1		8260B	SPLP
Toluene	0.22	J B	1.0	0.14	ug/L	1		8260B	SPLP
1,1,1-Trichloroethane	0.24	J	1.0	0.24	ug/L	1		8260B	SPLP
1,1,2-Trichloroethane	0.11	J	1.0	0.090	ug/L	1		8260B	SPLP
Trichloroethene	0.62	J	1.0	0.10	ug/L	1		8260B	SPLP
Xylenes, Total	0.40	J	2.0	0.15	ug/L	1		8260B	SPLP

Client Sample ID: SB-54 — Lab Sample ID: 240-145104-12

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
1,1-Dichloroethane	15	J	25	4.3	ug/L	25		8260B	SPLP
1,1-Dichloroethene	19	J	25	4.8	ug/L	25		8260B	SPLP
Toluene	33	B	25	3.5	ug/L	25		8260B	SPLP
1,1,1-Trichloroethane	640		25	6.0	ug/L	25		8260B	SPLP
1,1,2-Trichloroethane	7.1	J	25	2.3	ug/L	25		8260B	SPLP
Trichloroethene	50		25	2.5	ug/L	25		8260B	SPLP
Xylenes, Total	12	J	50	3.8	ug/L	25		8260B	SPLP

This Detection Summary does not include radiochemical test results.

Client Sample Results

Client: TRC Environmental Corporation.
Project/Site: ABB 2019 \ 2020

Job ID: 240-145104-2

Client Sample ID: SB-44

Date Collected: 02/26/21 08:55
Date Received: 02/26/21 13:45

Lab Sample ID: 240-145104-1

Matrix: Solid

Method: 8260B - Volatile Organic Compounds (GC/MS) - SPLP

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	<5.4		10	5.4	ug/L			03/12/21 22:07	1
Benzene	**0.46**	**J**	1.0	0.13	ug/L			03/12/21 22:07	1
Bromoform	<0.76		1.0	0.76	ug/L			03/12/21 22:07	1
Bromomethane	<0.42		1.0	0.42	ug/L			03/12/21 22:07	1
2-Butanone (MEK)	**1.8**	**J**	10	1.2	ug/L			03/12/21 22:07	1
Carbon disulfide	<0.28		1.0	0.28	ug/L			03/12/21 22:07	1
Carbon tetrachloride	<0.26		1.0	0.26	ug/L			03/12/21 22:07	1
Chlorobenzene	<0.14		1.0	0.14	ug/L			03/12/21 22:07	1
Chlorodibromomethane	<0.39		1.0	0.39	ug/L			03/12/21 22:07	1
Chloroethane	<0.83		1.0	0.83	ug/L			03/12/21 22:07	1
Chloroform	<0.13		1.0	0.13	ug/L			03/12/21 22:07	1
Chloromethane	<0.20		1.0	0.20	ug/L			03/12/21 22:07	1
cis-1,2-Dichloroethene	**34**		1.0	0.16	ug/L			03/12/21 22:07	1
cis-1,3-Dichloropropene	<0.61		1.0	0.61	ug/L			03/12/21 22:07	1
1,2-Dibromo-3-Chloropropane	<0.91		2.0	0.91	ug/L			03/12/21 22:07	1
1,2-Dichlorobenzene	<0.15		1.0	0.15	ug/L			03/12/21 22:07	1
1,3-Dichlorobenzene	<0.15		1.0	0.15	ug/L			03/12/21 22:07	1
1,4-Dichlorobenzene	<0.16		1.0	0.16	ug/L			03/12/21 22:07	1
Dichlorobromomethane	<0.17		1.0	0.17	ug/L			03/12/21 22:07	1
Dichlorodifluoromethane	<0.35		1.0	0.35	ug/L			03/12/21 22:07	1
1,1-Dichloroethane	**1.9**		1.0	0.17	ug/L			03/12/21 22:07	1
1,2-Dichloroethane	**0.48**	**J**	1.0	0.21	ug/L			03/12/21 22:07	1
1,1-Dichloroethene	**0.37**	**J**	1.0	0.19	ug/L			03/12/21 22:07	1
1,2-Dichloropropane	<0.15		1.0	0.15	ug/L			03/12/21 22:07	1
1,4-Dioxane	<13		50	13	ug/L			03/12/21 22:07	1
Ethylbenzene	**6.4**		1.0	0.11	ug/L			03/12/21 22:07	1
Ethylene Dibromide	<0.12		1.0	0.12	ug/L			03/12/21 22:07	1
2-Hexanone	<0.54		10	0.54	ug/L			03/12/21 22:07	1
Isopropylbenzene	<0.090		1.0	0.090	ug/L			03/12/21 22:07	1
Methylene Chloride	<2.6		5.0	2.6	ug/L			03/12/21 22:07	1
4-Methyl-2-pentanone (MIBK)	<0.42		10	0.42	ug/L			03/12/21 22:07	1
Methyl tert-butyl ether	<0.070		1.0	0.070	ug/L			03/12/21 22:07	1
Naphthalene	<0.32		1.0	0.32	ug/L			03/12/21 22:07	1
Styrene	<0.10		1.0	0.10	ug/L			03/12/21 22:07	1
1,1,2,2-Tetrachloroethane	<0.13		1.0	0.13	ug/L			03/12/21 22:07	1
Tetrachloroethene	**0.48**	**J**	1.0	0.15	ug/L			03/12/21 22:07	1
Toluene	**17**	**B**	1.0	0.14	ug/L			03/12/21 22:07	1
trans-1,2-Dichloroethene	<0.19		1.0	0.19	ug/L			03/12/21 22:07	1
trans-1,3-Dichloropropene	<0.67		1.0	0.67	ug/L			03/12/21 22:07	1
1,2,4-Trichlorobenzene	<0.26		1.0	0.26	ug/L			03/12/21 22:07	1
1,1,1-Trichloroethane	**8.7**		1.0	0.24	ug/L			03/12/21 22:07	1
1,1,2-Trichloroethane	**1.8**		1.0	0.090	ug/L			03/12/21 22:07	1
Trichloroethene	**130**		4.0	0.40	ug/L			03/15/21 19:53	4
Trichlorofluoromethane	<0.45		1.0	0.45	ug/L			03/12/21 22:07	1
Vinyl chloride	<0.20		1.0	0.20	ug/L			03/12/21 22:07	1
Xylenes, Total	**24**		2.0	0.15	ug/L			03/12/21 22:07	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*106*		*47 - 134*		*03/12/21 22:07*	*1*
4-Bromofluorobenzene (Surr)	*103*		*47 - 134*		*03/15/21 19:53*	*4*

Client Sample Results

Client: TRC Environmental Corporation.
Project/Site: ABB 2019 \ 2020

Job ID: 240-145104-2

Client Sample ID: SB-44

Date Collected: 02/26/21 08:55
Date Received: 02/26/21 13:45

Lab Sample ID: 240-145104-1

Matrix: Solid

Method: 8260B - Volatile Organic Compounds (GC/MS) - SPLP (Continued)

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
Dibromofluoromethane (Surr)	87		78 - 129		03/12/21 22:07	1
Dibromofluoromethane (Surr)	86		78 - 129		03/15/21 19:53	4
1,2-Dichloroethane-d4 (Surr)	96		75 - 130		03/12/21 22:07	1
1,2-Dichloroethane-d4 (Surr)	93		75 - 130		03/15/21 19:53	4
Toluene-d8 (Surr)	104		69 - 122		03/12/21 22:07	1
Toluene-d8 (Surr)	102		69 - 122		03/15/21 19:53	4

Client Sample Results

Client: TRC Environmental Corporation.
Project/Site: ABB 2019 \ 2020

Job ID: 240-145104-2

Client Sample ID: SB-51

Date Collected: 02/26/21 08:00
Date Received: 02/26/21 13:45

Lab Sample ID: 240-145104-5

Matrix: Solid

Method: 8260B - Volatile Organic Compounds (GC/MS) - SPLP

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	<5.4		10	5.4	ug/L			03/12/21 22:29	1
Benzene	<0.13		1.0	0.13	ug/L			03/12/21 22:29	1
Bromoform	<0.76		1.0	0.76	ug/L			03/12/21 22:29	1
Bromomethane	<0.42		1.0	0.42	ug/L			03/12/21 22:29	1
2-Butanone (MEK)	<1.2		10	1.2	ug/L			03/12/21 22:29	1
Carbon disulfide	<0.28		1.0	0.28	ug/L			03/12/21 22:29	1
Carbon tetrachloride	<0.26		1.0	0.26	ug/L			03/12/21 22:29	1
Chlorobenzene	<0.14		1.0	0.14	ug/L			03/12/21 22:29	1
Chlorodibromomethane	<0.39		1.0	0.39	ug/L			03/12/21 22:29	1
Chloroethane	<0.83		1.0	0.83	ug/L			03/12/21 22:29	1
Chloroform	<0.13		1.0	0.13	ug/L			03/12/21 22:29	1
Chloromethane	<0.20		1.0	0.20	ug/L			03/12/21 22:29	1
cis-1,2-Dichloroethene	<0.16		1.0	0.16	ug/L			03/12/21 22:29	1
cis-1,3-Dichloropropene	<0.61		1.0	0.61	ug/L			03/12/21 22:29	1
1,2-Dibromo-3-Chloropropane	<0.91		2.0	0.91	ug/L			03/12/21 22:29	1
1,2-Dichlorobenzene	<0.15		1.0	0.15	ug/L			03/12/21 22:29	1
1,3-Dichlorobenzene	<0.15		1.0	0.15	ug/L			03/12/21 22:29	1
1,4-Dichlorobenzene	<0.16		1.0	0.16	ug/L			03/12/21 22:29	1
Dichlorobromomethane	<0.17		1.0	0.17	ug/L			03/12/21 22:29	1
Dichlorodifluoromethane	<0.35		1.0	0.35	ug/L			03/12/21 22:29	1
1,1-Dichloroethane	<0.17		1.0	0.17	ug/L			03/12/21 22:29	1
1,2-Dichloroethane	<0.21		1.0	0.21	ug/L			03/12/21 22:29	1
1,1-Dichloroethene	<0.19		1.0	0.19	ug/L			03/12/21 22:29	1
1,2-Dichloropropane	<0.15		1.0	0.15	ug/L			03/12/21 22:29	1
1,4-Dioxane	<13		50	13	ug/L			03/12/21 22:29	1
Ethylbenzene	<0.11		1.0	0.11	ug/L			03/12/21 22:29	1
Ethylene Dibromide	<0.12		1.0	0.12	ug/L			03/12/21 22:29	1
2-Hexanone	<0.54		10	0.54	ug/L			03/12/21 22:29	1
Isopropylbenzene	<0.090		1.0	0.090	ug/L			03/12/21 22:29	1
Methylene Chloride	<2.6		5.0	2.6	ug/L			03/12/21 22:29	1
4-Methyl-2-pentanone (MIBK)	<0.42		10	0.42	ug/L			03/12/21 22:29	1
Methyl tert-butyl ether	<0.070		1.0	0.070	ug/L			03/12/21 22:29	1
Naphthalene	<0.32		1.0	0.32	ug/L			03/12/21 22:29	1
Styrene	<0.10		1.0	0.10	ug/L			03/12/21 22:29	1
1,1,2,2-Tetrachloroethane	<0.13		1.0	0.13	ug/L			03/12/21 22:29	1
Tetrachloroethene	**2.1**		1.0	0.15	ug/L			03/12/21 22:29	1
Toluene	**0.22**	**J B**	1.0	0.14	ug/L			03/12/21 22:29	1
trans-1,2-Dichloroethene	<0.19		1.0	0.19	ug/L			03/12/21 22:29	1
trans-1,3-Dichloropropene	<0.67		1.0	0.67	ug/L			03/12/21 22:29	1
1,2,4-Trichlorobenzene	<0.26		1.0	0.26	ug/L			03/12/21 22:29	1
1,1,1-Trichloroethane	**0.24**	**J**	1.0	0.24	ug/L			03/12/21 22:29	1
1,1,2-Trichloroethane	**0.11**	**J**	1.0	0.090	ug/L			03/12/21 22:29	1
Trichloroethene	**0.62**	**J**	1.0	0.10	ug/L			03/12/21 22:29	1
Trichlorofluoromethane	<0.45		1.0	0.45	ug/L			03/12/21 22:29	1
Vinyl chloride	<0.20		1.0	0.20	ug/L			03/12/21 22:29	1
Xylenes, Total	**0.40**	**J**	2.0	0.15	ug/L			03/12/21 22:29	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*103*		*47 - 134*		*03/12/21 22:29*	*1*
Dibromofluoromethane (Surr)	*86*		*78 - 129*		*03/12/21 22:29*	*1*

Client Sample Results

Client: TRC Environmental Corporation.
Project/Site: ABB 2019 \ 2020

Job ID: 240-145104-2

Client Sample ID: SB-51

Date Collected: 02/26/21 08:00
Date Received: 02/26/21 13:45

Lab Sample ID: 240-145104-5

Matrix: Solid

Method: 8260B - Volatile Organic Compounds (GC/MS) - SPLP (Continued)

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	96		75 - 130		03/12/21 22:29	1
Toluene-d8 (Surr)	101		69 - 122		03/12/21 22:29	1

Client Sample Results

Client: TRC Environmental Corporation.
Project/Site: ABB 2019 \ 2020

Job ID: 240-145104-2

Client Sample ID: SB-54

Date Collected: 02/26/21 08:20
Date Received: 02/26/21 13:45

Lab Sample ID: 240-145104-12

Matrix: Solid

Method: 8260B - Volatile Organic Compounds (GC/MS) - SPLP

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	<140		250	140	ug/L			03/15/21 20:15	25
Benzene	<3.3		25	3.3	ug/L			03/15/21 20:15	25
Bromoform	<19		25	19	ug/L			03/15/21 20:15	25
Bromomethane	<11		25	11	ug/L			03/15/21 20:15	25
2-Butanone (MEK)	<29		250	29	ug/L			03/15/21 20:15	25
Carbon disulfide	<7.0		25	7.0	ug/L			03/15/21 20:15	25
Carbon tetrachloride	<6.5		25	6.5	ug/L			03/15/21 20:15	25
Chlorobenzene	<3.5		25	3.5	ug/L			03/15/21 20:15	25
Chlorodibromomethane	<9.8		25	9.8	ug/L			03/15/21 20:15	25
Chloroethane	<21		25	21	ug/L			03/15/21 20:15	25
Chloroform	<3.3		25	3.3	ug/L			03/15/21 20:15	25
Chloromethane	<5.0		25	5.0	ug/L			03/15/21 20:15	25
cis-1,2-Dichloroethene	<4.0		25	4.0	ug/L			03/15/21 20:15	25
cis-1,3-Dichloropropene	<15		25	15	ug/L			03/15/21 20:15	25
1,2-Dibromo-3-Chloropropane	<23		50	23	ug/L			03/15/21 20:15	25
1,2-Dichlorobenzene	<3.8		25	3.8	ug/L			03/15/21 20:15	25
1,3-Dichlorobenzene	<3.8		25	3.8	ug/L			03/15/21 20:15	25
1,4-Dichlorobenzene	<4.0		25	4.0	ug/L			03/15/21 20:15	25
Dichlorobromomethane	<4.3		25	4.3	ug/L			03/15/21 20:15	25
Dichlorodifluoromethane	<8.8		25	8.8	ug/L			03/15/21 20:15	25
1,1-Dichloroethane	**15**	**J**	25	4.3	ug/L			03/15/21 20:15	25
1,2-Dichloroethane	<5.3		25	5.3	ug/L			03/15/21 20:15	25
1,1-Dichloroethene	**19**	**J**	25	4.8	ug/L			03/15/21 20:15	25
1,2-Dichloropropane	<3.8		25	3.8	ug/L			03/15/21 20:15	25
1,4-Dioxane	<320		1300	320	ug/L			03/15/21 20:15	25
Ethylbenzene	<2.8		25	2.8	ug/L			03/15/21 20:15	25
Ethylene Dibromide	<3.0		25	3.0	ug/L			03/15/21 20:15	25
2-Hexanone	<14		250	14	ug/L			03/15/21 20:15	25
Isopropylbenzene	<2.3		25	2.3	ug/L			03/15/21 20:15	25
Methylene Chloride	<66		130	66	ug/L			03/15/21 20:15	25
4-Methyl-2-pentanone (MIBK)	<11		250	11	ug/L			03/15/21 20:15	25
Methyl tert-butyl ether	<1.8		25	1.8	ug/L			03/15/21 20:15	25
Naphthalene	<8.0		25	8.0	ug/L			03/15/21 20:15	25
Styrene	<2.5		25	2.5	ug/L			03/15/21 20:15	25
1,1,2,2-Tetrachloroethane	<3.3		25	3.3	ug/L			03/15/21 20:15	25
Tetrachloroethene	<3.8		25	3.8	ug/L			03/15/21 20:15	25
Toluene	**33**	**B**	25	3.5	ug/L			03/15/21 20:15	25
trans-1,2-Dichloroethene	<4.8		25	4.8	ug/L			03/15/21 20:15	25
trans-1,3-Dichloropropene	<17		25	17	ug/L			03/15/21 20:15	25
1,2,4-Trichlorobenzene	<6.5		25	6.5	ug/L			03/15/21 20:15	25
1,1,1-Trichloroethane	**640**		25	6.0	ug/L			03/15/21 20:15	25
1,1,2-Trichloroethane	**7.1**	**J**	25	2.3	ug/L			03/15/21 20:15	25
Trichloroethene	**50**		25	2.5	ug/L			03/15/21 20:15	25
Trichlorofluoromethane	<11		25	11	ug/L			03/15/21 20:15	25
Vinyl chloride	<5.0		25	5.0	ug/L			03/15/21 20:15	25
Xylenes, Total	**12**	**J**	50	3.8	ug/L			03/15/21 20:15	25

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*101*		*47 - 134*		*03/15/21 20:15*	*25*
Dibromofluoromethane (Surr)	*83*		*78 - 129*		*03/15/21 20:15*	*25*

Client: TRC Environmental Corporation.
Project/Site: ABB 2019 \ 2020

Job ID: 240-145104-2

Client Sample ID: SB-54

Date Collected: 02/26/21 08:20
Date Received: 02/26/21 13:45

Lab Sample ID: 240-145104-12

Matrix: Solid

Method: 8260B - Volatile Organic Compounds (GC/MS) - SPLP (Continued)

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	91		75 - 130		03/15/21 20:15	25
Toluene-d8 (Surr)	102		69 - 122		03/15/21 20:15	25

Surrogate Summary

Client: TRC Environmental Corporation.
Project/Site: ABB 2019 \ 2020

Job ID: 240-145104-2

Method: 8260B - Volatile Organic Compounds (GC/MS)

Matrix: Solid **Prep Type: Total/NA**

		Percent Surrogate Recovery (Acceptance Limits)			
		BFB	DBFM	DCA	TOL
Lab Sample ID	Client Sample ID	(47-134)	(78-129)	(75-130)	(69-122)
LCS 240-476846/5	Lab Control Sample	99	86	91	99

Surrogate Legend

BFB = 4-Bromofluorobenzene (Surr)
DBFM = Dibromofluoromethane (Surr)
DCA = 1,2-Dichloroethane-d4 (Surr)
TOL = Toluene-d8 (Surr)

Method: 8260B - Volatile Organic Compounds (GC/MS)

Matrix: Solid **Prep Type: SPLP**

		Percent Surrogate Recovery (Acceptance Limits)			
		BFB	DBFM	DCA	TOL
Lab Sample ID	Client Sample ID	(47-134)	(78-129)	(75-130)	(69-122)
240-145104-1	SB-44	106	87	96	104
240-145104-1	SB-44	103	86	93	102
240-145104-5	SB-51	103	86	96	101
240-145104-12	SB-54	101	83	91	102
LB 240-476496/1-A MB	Method Blank	99	83	91	98

Surrogate Legend

BFB = 4-Bromofluorobenzene (Surr)
DBFM = Dibromofluoromethane (Surr)
DCA = 1,2-Dichloroethane-d4 (Surr)
TOL = Toluene-d8 (Surr)

Method: 8260B - Volatile Organic Compounds (GC/MS)

Lab Sample ID: LCS 240-476846/5
Matrix: Solid
Analysis Batch: 476846

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

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Acetone	40.0	37.4		ug/L		93	33 - 155
Benzene	20.0	19.1		ug/L		95	77 - 123
Bromoform	20.0	21.4		ug/L		107	47 - 133
Bromomethane	20.0	14.3		ug/L		71	48 - 144
2-Butanone (MEK)	40.0	43.0		ug/L		107	41 - 151
Carbon disulfide	20.0	14.5		ug/L		73	67 - 127
Carbon tetrachloride	20.0	18.0		ug/L		90	61 - 142
Chlorobenzene	20.0	21.1		ug/L		105	80 - 120
Chlorodibromomethane	20.0	22.1		ug/L		110	75 - 120
Chloroethane	20.0	16.3		ug/L		82	41 - 147
Chloroform	20.0	18.9		ug/L		94	74 - 127
Chloromethane	20.0	18.4		ug/L		92	46 - 148
cis-1,2-Dichloroethene	20.0	19.2		ug/L		96	75 - 124
cis-1,3-Dichloropropene	20.0	21.2		ug/L		106	68 - 128
1,2-Dibromo-3-Chloropropane	20.0	23.5		ug/L		118	34 - 136
1,2-Dichlorobenzene	20.0	20.3		ug/L		101	74 - 120
1,3-Dichlorobenzene	20.0	21.1		ug/L		105	74 - 120
1,4-Dichlorobenzene	20.0	21.0		ug/L		105	75 - 120
Dichlorobromomethane	20.0	20.6		ug/L		103	73 - 122
Dichlorodifluoromethane	20.0	16.9		ug/L		85	35 - 137
1,1-Dichloroethane	20.0	19.3		ug/L		97	74 - 126
1,2-Dichloroethane	20.0	19.2		ug/L		96	66 - 129
1,1-Dichloroethene	20.0	17.2		ug/L		86	73 - 129
1,2-Dichloropropane	20.0	20.7		ug/L		104	79 - 127
1,4-Dioxane	400	382		ug/L		95	10 - 172
Ethylbenzene	20.0	21.7		ug/L		108	80 - 120
Ethylene Dibromide	20.0	21.7		ug/L		108	73 - 120
2-Hexanone	40.0	47.2		ug/L		118	43 - 142
Isopropylbenzene	20.0	21.8		ug/L		109	73 - 123
Methylene Chloride	20.0	19.0		ug/L		95	63 - 134
4-Methyl-2-pentanone (MIBK)	40.0	43.9		ug/L		110	43 - 145
Methyl tert-butyl ether	20.0	18.9		ug/L		95	57 - 127
m-Xylene & p-Xylene	20.0	21.3		ug/L		107	79 - 121
Naphthalene	20.0	22.9		ug/L		115	28 - 130
o-Xylene	20.0	21.4		ug/L		107	75 - 123
Styrene	20.0	22.2		ug/L		111	75 - 121
1,1,2,2-Tetrachloroethane	20.0	23.1		ug/L		115	45 - 151
Tetrachloroethene	20.0	19.8		ug/L		99	70 - 125
Toluene	20.0	21.4		ug/L		107	79 - 122
trans-1,2-Dichloroethene	20.0	19.0		ug/L		95	74 - 130
trans-1,3-Dichloropropene	20.0	22.3		ug/L		111	64 - 120
1,2,4-Trichlorobenzene	20.0	21.3		ug/L		106	47 - 120
1,1,1-Trichloroethane	20.0	19.3		ug/L		96	65 - 141
1,1,2-Trichloroethane	20.0	21.1		ug/L		106	79 - 121
Trichloroethene	20.0	18.1		ug/L		91	71 - 121
Trichlorofluoromethane	20.0	15.7		ug/L		79	52 - 148
Vinyl chloride	20.0	19.1		ug/L		96	61 - 134
Xylenes, Total	40.0	42.7		ug/L		107	78 - 122

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: LCS 240-476846/5
Matrix: Solid
Analysis Batch: 476846

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

Surrogate	LCS %Recovery	LCS Qualifier	Limits
4-Bromofluorobenzene (Surr)	99		47 - 134
Dibromofluoromethane (Surr)	86		78 - 129
1,2-Dichloroethane-d4 (Surr)	91		75 - 130
Toluene-d8 (Surr)	99		69 - 122

Lab Sample ID: LB 240-476496/1-A MB
Matrix: Solid
Analysis Batch: 476846

Client Sample ID: Method Blank
Prep Type: SPLP

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	<5.4		10	5.4	ug/L			03/15/21 18:47	1
Benzene	<0.13		1.0	0.13	ug/L			03/15/21 18:47	1
Bromoform	<0.76		1.0	0.76	ug/L			03/15/21 18:47	1
Bromomethane	<0.42		1.0	0.42	ug/L			03/15/21 18:47	1
2-Butanone (MEK)	<1.2		10	1.2	ug/L			03/15/21 18:47	1
Carbon disulfide	<0.28		1.0	0.28	ug/L			03/15/21 18:47	1
Carbon tetrachloride	<0.26		1.0	0.26	ug/L			03/15/21 18:47	1
Chlorobenzene	<0.14		1.0	0.14	ug/L			03/15/21 18:47	1
Chlorodibromomethane	<0.39		1.0	0.39	ug/L			03/15/21 18:47	1
Chloroethane	<0.83		1.0	0.83	ug/L			03/15/21 18:47	1
Chloroform	<0.13		1.0	0.13	ug/L			03/15/21 18:47	1
Chloromethane	<0.20		1.0	0.20	ug/L			03/15/21 18:47	1
cis-1,2-Dichloroethene	<0.16		1.0	0.16	ug/L			03/15/21 18:47	1
cis-1,3-Dichloropropene	<0.61		1.0	0.61	ug/L			03/15/21 18:47	1
1,2-Dibromo-3-Chloropropane	<0.91		2.0	0.91	ug/L			03/15/21 18:47	1
1,2-Dichlorobenzene	<0.15		1.0	0.15	ug/L			03/15/21 18:47	1
1,3-Dichlorobenzene	<0.15		1.0	0.15	ug/L			03/15/21 18:47	1
1,4-Dichlorobenzene	<0.16		1.0	0.16	ug/L			03/15/21 18:47	1
Dichlorobromomethane	<0.17		1.0	0.17	ug/L			03/15/21 18:47	1
Dichlorodifluoromethane	<0.35		1.0	0.35	ug/L			03/15/21 18:47	1
1,1-Dichloroethane	<0.17		1.0	0.17	ug/L			03/15/21 18:47	1
1,2-Dichloroethane	<0.21		1.0	0.21	ug/L			03/15/21 18:47	1
1,1-Dichloroethene	<0.19		1.0	0.19	ug/L			03/15/21 18:47	1
1,2-Dichloropropane	<0.15		1.0	0.15	ug/L			03/15/21 18:47	1
1,4-Dioxane	<13		50	13	ug/L			03/15/21 18:47	1
Ethylbenzene	<0.11		1.0	0.11	ug/L			03/15/21 18:47	1
Ethylene Dibromide	<0.12		1.0	0.12	ug/L			03/15/21 18:47	1
2-Hexanone	<0.54		10	0.54	ug/L			03/15/21 18:47	1
Isopropylbenzene	<0.090		1.0	0.090	ug/L			03/15/21 18:47	1
Methylene Chloride	<2.6		5.0	2.6	ug/L			03/15/21 18:47	1
4-Methyl-2-pentanone (MIBK)	<0.42		10	0.42	ug/L			03/15/21 18:47	1
Methyl tert-butyl ether	<0.070		1.0	0.070	ug/L			03/15/21 18:47	1
Naphthalene	<0.32		1.0	0.32	ug/L			03/15/21 18:47	1
Styrene	<0.10		1.0	0.10	ug/L			03/15/21 18:47	1
1,1,2,2-Tetrachloroethane	<0.13		1.0	0.13	ug/L			03/15/21 18:47	1
Tetrachloroethene	<0.15		1.0	0.15	ug/L			03/15/21 18:47	1
Toluene	0.205	J	1.0	0.14	ug/L			03/15/21 18:47	1
trans-1,2-Dichloroethene	<0.19		1.0	0.19	ug/L			03/15/21 18:47	1

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: LB 240-476496/1-A MB
Matrix: Solid
Analysis Batch: 476846

Client Sample ID: Method Blank
Prep Type: SPLP

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
trans-1,3-Dichloropropene	<0.67		1.0	0.67	ug/L			03/15/21 18:47	1
1,2,4-Trichlorobenzene	<0.26		1.0	0.26	ug/L			03/15/21 18:47	1
1,1,1-Trichloroethane	<0.24		1.0	0.24	ug/L			03/15/21 18:47	1
1,1,2-Trichloroethane	<0.090		1.0	0.090	ug/L			03/15/21 18:47	1
Trichloroethene	<0.10		1.0	0.10	ug/L			03/15/21 18:47	1
Trichlorofluoromethane	<0.45		1.0	0.45	ug/L			03/15/21 18:47	1
Vinyl chloride	<0.20		1.0	0.20	ug/L			03/15/21 18:47	1
Xylenes, Total	<0.15		2.0	0.15	ug/L			03/15/21 18:47	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*99*		*47 - 134*		*03/15/21 18:47*	*1*
Dibromofluoromethane (Surr)	*83*		*78 - 129*		*03/15/21 18:47*	*1*
1,2-Dichloroethane-d4 (Surr)	*91*		*75 - 130*		*03/15/21 18:47*	*1*
Toluene-d8 (Surr)	*98*		*69 - 122*		*03/15/21 18:47*	*1*

QC Association Summary

Client: TRC Environmental Corporation.
Project/Site: ABB 2019 \ 2020

Job ID: 240-145104-2

GC/MS VOA

Leach Batch: 476496

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
240-145104-1	SB-44	SPLP	Solid	1312	
240-145104-5	SB-51	SPLP	Solid	1312	
240-145104-12	SB-54	SPLP	Solid	1312	
LB 240-476496/1-A MB	Method Blank	SPLP	Solid	1312	

Analysis Batch: 476637

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
240-145104-1	SB-44	SPLP	Solid	8260B	476496
240-145104-5	SB-51	SPLP	Solid	8260B	476496

Analysis Batch: 476846

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
240-145104-1	SB-44	SPLP	Solid	8260B	476496
240-145104-12	SB-54	SPLP	Solid	8260B	476496
LB 240-476496/1-A MB	Method Blank	SPLP	Solid	8260B	476496
LCS 240-476846/5	Lab Control Sample	Total/NA	Solid	8260B	

Lab Chronicle

Client: TRC Environmental Corporation.
Project/Site: ABB 2019 \ 2020

Job ID: 240-145104-2

Client Sample ID: SB-44

Lab Sample ID: 240-145104-1
Date Collected: 02/26/21 08:55
Matrix: Solid
Date Received: 02/26/21 13:45

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
SPLP	Leach	1312			476496	03/11/21 16:50	DRJ	TAL CAN
SPLP	Analysis	8260B		1	476637	03/12/21 22:07	TJL1	TAL CAN
SPLP	Leach	1312			476496	03/11/21 16:50	DRJ	TAL CAN
SPLP	Analysis	8260B		4	476846	03/15/21 19:53	TJL1	TAL CAN

Client Sample ID: SB-51

Lab Sample ID: 240-145104-5
Date Collected: 02/26/21 08:00
Matrix: Solid
Date Received: 02/26/21 13:45

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
SPLP	Leach	1312			476496	03/11/21 16:50	DRJ	TAL CAN
SPLP	Analysis	8260B		1	476637	03/12/21 22:29	TJL1	TAL CAN

Client Sample ID: SB-54

Lab Sample ID: 240-145104-12
Date Collected: 02/26/21 08:20
Matrix: Solid
Date Received: 02/26/21 13:45

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
SPLP	Leach	1312			476496	03/11/21 16:50	DRJ	TAL CAN
SPLP	Analysis	8260B		25	476846	03/15/21 20:15	TJL1	TAL CAN

Laboratory References:
TAL CAN = Eurofins TestAmerica, Canton, 4101 Shuffel Street NW, North Canton, OH 44720, TEL (330)497-9396

Accreditation/Certification Summary

Client: TRC Environmental Corporation.
Project/Site: ABB 2019 \ 2020

Job ID: 240-145104-2

Laboratory: Eurofins TestAmerica, Canton

Unless otherwise noted, all analytes for this laboratory were covered under each accreditation/certification below.

Authority	Program	Identification Number	Expiration Date
Ohio VAP	State	CL0024	12-21-23

The following analytes are included in this report, but the laboratory is not certified by the governing authority. This list may include analytes for which the agency does not offer certification.

Analysis Method	Prep Method	Matrix	Analyte
8260B		Solid	1,1,1-Trichloroethane
8260B		Solid	1,1,2,2-Tetrachloroethane
8260B		Solid	1,1,2-Trichloroethane
8260B		Solid	1,1-Dichloroethane
8260B		Solid	1,1-Dichloroethene
8260B		Solid	1,2,4-Trichlorobenzene
8260B		Solid	1,2-Dibromo-3-Chloropropane
8260B		Solid	1,2-Dichlorobenzene
8260B		Solid	1,2-Dichloroethane
8260B		Solid	1,2-Dichloropropane
8260B		Solid	1,3-Dichlorobenzene
8260B		Solid	1,4-Dichlorobenzene
8260B		Solid	1,4-Dioxane
8260B		Solid	2-Butanone (MEK)
8260B		Solid	2-Hexanone
8260B		Solid	4-Methyl-2-pentanone (MIBK)
8260B		Solid	Acetone
8260B		Solid	Benzene
8260B		Solid	Bromoform
8260B		Solid	Bromomethane
8260B		Solid	Carbon disulfide
8260B		Solid	Carbon tetrachloride
8260B		Solid	Chlorobenzene
8260B		Solid	Chlorodibromomethane
8260B		Solid	Chloroethane
8260B		Solid	Chloroform
8260B		Solid	Chloromethane
8260B		Solid	cis-1,2-Dichloroethene
8260B		Solid	cis-1,3-Dichloropropene
8260B		Solid	Dichlorobromomethane
8260B		Solid	Dichlorodifluoromethane
8260B		Solid	Ethylbenzene
8260B		Solid	Ethylene Dibromide
8260B		Solid	Isopropylbenzene
8260B		Solid	Methyl tert-butyl ether
8260B		Solid	Methylene Chloride
8260B		Solid	Naphthalene
8260B		Solid	Styrene
8260B		Solid	Tetrachloroethene
8260B		Solid	Toluene
8260B		Solid	trans-1,2-Dichloroethene
8260B		Solid	trans-1,3-Dichloropropene
8260B		Solid	Trichloroethene
8260B		Solid	Trichlorofluoromethane
8260B		Solid	Vinyl chloride

Accreditation/Certification Summary

Client: TRC Environmental Corporation.
Project/Site: ABB 2019 \ 2020

Job ID: 240-145104-2

Laboratory: Eurofins TestAmerica, Canton (Continued)

Unless otherwise noted, all analytes for this laboratory were covered under each accreditation/certification below.

Authority	Program	Identification Number	Expiration Date
Ohio VAP	State	CL0024	12-21-23
8260B	Solid	Xylenes, Total	

Eurofins TestAmerica, Canton
4101 Shuffel Street NW
North Canton, OH 44720
Phone: 330-497-9396 Fax: 330-497-0772

Chain of Custody Record

eurofins | Environment Testing America

Client Information	Sampler: KENTON FOWLER	Lab PM: Howell, Leslie	Carrier Tracking No(s):	COC No: 240-77477-30888.9
Client Contact: Kathleen Teuscher	Phone: 513-675-5189	E-Mail: Leslie.Howell@Eurofinset.com	State of Origin:	Page: Page 9 of 12
Company: TRC Environmental Corporation	PWSID:			Job #:
Address: 1382 West Ninth Street Suite 400	Due Date Requested:			
City: Cleveland	TAT Requested (days):			
State, Zip: OH, 44113	Compliance Project: \ Yes \ No			
Phone:	PO #: Purchase Order Requested			
Email: kteuscher@trccompanies.com	WO #:			
Project Name: ABB 2019 \ 2020	Project #: 24024033			
Site:	SSOW#:			

Analysis Requested

Preservation Codes:
A - HCL, B - NaOH, C - Zn Acetate, D - Nitric Acid, E - NaHSO4, F - MeOH, G - Amchlor, H - Ascorbic Acid, I - Ice, J - DI Water, K - EDTA, L - EDA, M - Hexane, N - None, O -
Other:

240-145104 Chain of Custody

Sample Identification	Sample Date	Sample Time	Sample Type (C=comp, G=grab)	Matrix (W=water, S=solid, O=waste/oil, BT=Tissue, A=Air)	Field Filtered Sample (Yes or No)	Perform MS/MSD (Yes or No)	8260B - (MOD) TCL OLM03.1/4.2 Volatile Analyte L	6010B, 7196A	8260B - SPLP VOC	1010 - Ignitability	8260B - TCLP Volatiles	9012A, 9034_Calc, 9045C	6010B, 7470A	8260B - (MOD) TCL OLM03.1/4.2 Volatile Analyte L	Total Number of containers	Special Inst
			Preservation Code:				N	N	N	N	N	N	N	A		
SB-44	2/26/21	855	C	Solid					1						1	HOLD
SB-44 (0-2)		845	G	Solid			1								1	
SB-44 (2-4)		850	G	Solid			1								1	
SB-44 (4-6)		835	G	Solid			1								1	
SB-51		800	C	Solid					1						1	HOLD
SB-51 (0-2)		740	G	Solid			1								1	
SB-51 (2-4)		750	G	Solid			1								1	
SB-51 (4-6)		800	G	Solid			1								1	
CB02SW01		945	G	W ~~Solid~~			3								3	3 VOAS w/ HCL
~~TB~~ KDF TripBlank		—		W ~~Solid~~			3								3	
CB02SED01	2/26/21	1200	G	Solid												VOC SAMPLE

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

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

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

Special Instructions/QC Requirements:

Empty Kit Relinquished by:	Date:	Time:	Method of Shipment:		
Relinquished by: Kenton Fowler	Date/Time: 2/26/21 1345	Company: TRC	Received by:	Date/Time: 2-26-21 1345	Company: ETA
Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company
Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company

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

Ver: 11.01.2020

Eurofins TestAmerica, Canton
4101 Shuffel Street NW
North Canton, OH 44720
Phone: 330-497-9396 Fax: 330-497-0772

Chain of Custody Record

eurofins | Environment Testing America

Client Information	Sampler:	Lab PM: Howell, Leslie	Carrier Tracking No(s):	COC No: 240-77477-30888.10
Client Contact: Kathleen Teuscher	Phone:	E-Mail: Leslie.Howell@Eurofinset.com	State of Origin:	Page: Page 10 of 12
Company: TRC Environmental Corporation	PWSID:			Job #:

Address: 1382 West Ninth Street Suite 400
City: Cleveland
State, Zip: OH, 44113
Phone:
Email: kteuscher@trccompanies.com
Project Name: ABB 2019 \ 2020
Site:

Due Date Requested:
TAT Requested (days):
Compliance Project: ☐ Yes ☐ No
PO #: Purchase Order Requested
WO #:
Project #: 24024033
SSOW#:

Analysis Requested

Preservation Codes:
A - HCL, B - NaOH, C - Zn Acetate, D - Nitric Acid, E - NaHSO4, F - MeOH, G - Amchlor, H - Ascorbic Acid, I - Ice, J - DI Water, K - EDTA, L - EDA
M - Hexane, N - None, O - AsNaO2, P - Na2O4S, Q - Na2SO3, R - Na2S2O3, S - H2SO4, T - TSP Dodecahydrate, U - Acetone, V - MCAA, W - pH 4-5, Z - other (specify)
Other:

Sample Identification	Sample Date	Sample Time	Sample Type (C=comp, G=grab)	Matrix (W=water, S=solid, O=waste/oil, BT=Tissue, A=Air)	Field Filtered Sample (Yes or No)	Perform MS/MSD (Yes or No)	8260B - (MOD) TCL OLM03.1/4.2 Volatile Analyte L	6010B, 7196A	8260B - SPLP VOC	1010 - Ignitability	8260B - TCLP Volatiles	9012A, 9034, Calc, 9045C	6010B, 7470A	8260B - (MOD) TCL OLM03.1/4.2 Volatile Analyte L	Total Number of containers	Special Instructions/Note:
			Preservation Code:				N	N	N	N	N	N	N	A		
SB-54	2/26/21	820	C	Solid					1						1	Hold
SB-54 (0-2)		810	G	Solid			1								1	
SB-54 (2-4)		815	G	Solid			1								1	
SB-54 (4-6)		820	G	Solid			1								1	
				Solid												
				Solid												
				Solid												
				Solid												
				Solid												
				Solid												
				Solid												

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

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

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

Special Instructions/QC Requirements:

Empty Kit Relinquished by:	Date:	Time:	Method of Shipment:		
Relinquished by: Katie Fowler	Date/Time: 2/26/21 1345	Company: TRC	Received by: [signature]	Date/Time: 2-26-21 1345	Company: EFH
Relinquished by:	Date/Time:	Company	Received by: [signature]	Date/Time:	Company
Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company

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

Ver: 11.01.2020

Chain of Custody Record 497887

eurofins | Environment Testing TestAmerica

2/6/27 1-8/19

Address: _____

Regulatory Program: ☐ DW ☐ NPDES ☐ RCRA ☐ Other:

TAL-8210

Client Contact	Project Manager: DAVID KREGER	Site Contact: KENTON FOWLER	Date:	COC No:
Company Name: TRC	Tel/Email: (734) 904-3312	Lab Contact: LESLIE HOWE	Carrier:	____ of ____ COCs
Address:	Analysis Turnaround Time			Sampler:
City/State/Zip:	☐ CALENDAR DAYS ☐ WORKING DAYS			For Lab Use Only:
Phone: (734) 904-3312	TAT if different from Below _____			Walk-in Client:
Fax:	☐ 2 weeks			Lab Sampling:
Project Name: ABB - WICKLIFFE	☐ 1 week			
Site: WICKLIFFE, OHIO	☐ 2 days			Job / SDG No.:
PO #	☐ 1 day			

Sample Identification	Sample Date	Sample Time	Sample Type (C=Comp, G=Grab)	Matrix	# of Cont.	Filtered Sample (Y/N)	Perform MS/MSD (Y/N)	8260/8035 (01 Water)	SPLP	WC - IGN, Flam, React	TCLP - VOCs	TCLP - METALS	Sample Specific Notes:
DUP-03	2/25/2021	—	G	SOIL	4			X					
DUP-04	↓	—	G	↓	4			X					
WCA03-01(0-2)		15:35	G		4								
WCA03-01(2-4)		15:45	G		4								
WCA03-01(4-6)		15:50	G		4								
WCA03-01		16:00	COMP		1				X				HOLD READING VOL ANALYSIS
SB-45 (0-2)		16:25	G		4			X					
SB-45(2-4)		16:30	G		4			X					
SB-45 (4-6)		16:40	G		4			X					
SB-45	↓	16:45	COMP	↓	2					X	X	X	
Preservation Used: 1= Ice, 2= HCl; 3= H2SO4; 4=HNO3; 5=NaOH; 6= Other DI WATER / METHANOL								6	1	1	1	1	

Possible Hazard Identification:
Are any samples from a listed EPA Hazardous Waste? Please List any EPA Waste Codes for the sample in the Comments Section if the lab is to dispose of the sample.

☐ Non-Hazard ☐ Flammable ☐ Skin Irritant ☐ Poison B ☐ Unknown

Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)

☐ Return to Client ☐ Disposal by Lab ☐ Archive for _____ Months

Special Instructions/QC Requirements & Comments: OHIO VAP CERTIFIED DATA ←

Custody Seals Intact: ☐ Yes ☐ No | Custody Seal No.: 1345 | Cooler Temp. (°C): Obs'd: _____ Corr'd: _____ | Therm ID No.: _____

Relinquished by:	Company:	Date/Time:	Received by:	Company:	Date/Time:
Kenton Fowler	TRC	2/26/2021	[illegible]	ETA	2-26-21 1345
Relinquished by:	Company:	Date/Time:	Received by:	Company:	Date/Time:
Relinquished by:	Company:	Date/Time:	Received in Laboratory by:	Company:	Date/Time:

Eurofins TestAmerica Canton Sample Receipt Form/Narrative
Canton Facility

Login # : 145104

Client IRC Site Name _____

Cooler unpacked by:

Cooler Received on 2-26-21 Opened on 2-26-21

FedEx: 1st Grd Exp UPS FAS Clipper Client Drop Off TestAmerica Courier Other _____

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

TestAmerica Cooler # TA Foam Box Client Cooler Box Other _____

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

COOLANT: Wet Ice Blue Ice Dry Ice Water None

1. Cooler temperature upon receipt ☑ See Multiple Cooler Form
   IR GUN# IR-11 (CF +0.1 °C) Observed Cooler Temp._____°C Corrected Cooler Temp._____°C
   IR GUN #IR-12 (CF +0.2°C) Observed Cooler Temp._____°C Corrected Cooler Temp._____°C
2. Were tamper/custody seals on the outside of the cooler(s)? If Yes Quantity_____ Yes No
   -Were the seals on the outside of the cooler(s) signed & dated? Yes No NA
   -Were tamper/custody seals on the bottle(s) or bottle kits (LLHg/MeHg)? Yes No
   -Were tamper/custody seals intact and uncompromised? Yes No NA
3. Shippers' packing slip attached to the cooler(s)? Yes No
4. Did custody papers accompany the sample(s)? Yes No
5. Were the custody papers relinquished & signed in the appropriate place? Yes No
6. Was/were the person(s) who collected the samples clearly identified on the COC? Yes No
7. Did all bottles arrive in good condition (Unbroken)? Yes No
8. Could all bottle labels (ID/Date/Time) be reconciled with the COC? Yes No
9. For each sample, does the COC specify preservatives (Y/N), # of containers (Y/N), and sample type of grab/comp(Y/N)?
10. Were correct bottle(s) used for the test(s) indicated? Yes No
11. Sufficient quantity received to perform indicated analyses? Yes No
12. Are these work share samples and all listed on the COC? Yes No
    If yes, Questions 13-17 have been checked at the originating laboratory.
13. Were all preserved sample(s) at the correct pH upon receipt? Yes No NA pH Strip Lot# **HC907861**
14. Were VOAs on the COC? Yes No
15. Were air bubbles >6 mm in any VOA vials? ● ⬅ Larger than this. Yes No NA
16. Was a VOA trip blank present in the cooler(s)? Trip Blank Lot #_____ Yes No
17. Was a LL Hg or Me Hg trip blank present? _____ Yes No

Tests that are not checked for pH by Receiving:

VOAs
Oil and Grease
TOC

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

Concerning _____

18. CHAIN OF CUSTODY & SAMPLE DISCREPANCIES ☐ additional next page

Samples processed by:

19. SAMPLE CONDITION

Sample(s) _____ were received after the recommended holding time had expired.
Sample(s) _____ were received in a broken container.
Sample(s) _____ were received with bubble >6 mm in diameter. (Notify PM)

20. SAMPLE PRESERVATION

Sample(s) _____ were further preserved in the laboratory.
Time preserved: _____ Preservative(s) added/Lot number(s):_____

VOA Sample Preservation - Date/Time VOAs Frozen: ~~12-6~~ 2-26-21 @ 18:05

WI-NC-099

Login # : 145104

Eurofins TestAmerica Canton Sample Receipt Multiple Cooler Form				
Cooler Description (Circle)	IR Gun # (Circle)	Observed Temp °C	Corrected Temp °C	Coolant (Circle)
TA Client Box Other	IR-11 IR-12	2.6	2.7	Wet Ice Blue Ice Dry Ice Water None
TA Client Box Other	IR-11 IR-12	1.8	1.9	Wet Ice Blue Ice Dry Ice Water None
TA Client Box Other	IR-11 IR-12			Wet Ice Blue Ice Dry Ice Water None
TA Client Box Other	IR-11 IR-12			Wet Ice Blue Ice Dry Ice Water None
TA Client Box Other	IR-11 IR-12			Wet Ice Blue Ice Dry Ice Water None
TA Client Box Other	IR-11 IR-12			Wet Ice Blue Ice Dry Ice Water None
TA Client Box Other	IR-11 IR-12			Wet Ice Blue Ice Dry Ice Water None
TA Client Box Other	IR-11 IR-12			Wet Ice Blue Ice Dry Ice Water None
TA Client Box Other	IR-11 IR-12			Wet Ice Blue Ice Dry Ice Water None
TA Client Box Other	IR-11 IR-12			Wet Ice Blue Ice Dry Ice Water None
TA Client Box Other	IR-11 IR-12			Wet Ice Blue Ice Dry Ice Water None
TA Client Box Other	IR-11 IR-12			Wet Ice Blue Ice Dry Ice Water None
TA Client Box Other	IR-11 IR-12			Wet Ice Blue Ice Dry Ice Water None
TA Client Box Other	IR-11 IR-12			Wet Ice Blue Ice Dry Ice Water None
TA Client Box Other	IR-11 IR-12			Wet Ice Blue Ice Dry Ice Water None
TA Client Box Other	IR-11 IR-12			Wet Ice Blue Ice Dry Ice Water None
TA Client Box Other	IR-11 IR-12			Wet Ice Blue Ice Dry Ice Water None
TA Client Box Other	IR-11 IR-12			Wet Ice Blue Ice Dry Ice Water None
TA Client Box Other	IR-11 IR-12			Wet Ice Blue Ice Dry Ice Water None
TA Client Box Other	IR-11 IR-12			Wet Ice Blue Ice Dry Ice Water None
TA Client Box Other	IR-11 IR-12			Wet Ice Blue Ice Dry Ice Water None
TA Client Box Other	IR-11 IR-12			Wet Ice Blue Ice Dry Ice Water None
TA Client Box Other	IR-11 IR-12			Wet Ice Blue Ice Dry Ice Water None
TA Client Box Other	IR-11 IR-12			Wet Ice Blue Ice Dry Ice Water None
TA Client Box Other	IR-11 IR-12			Wet Ice Blue Ice Dry Ice Water None
TA Client Box Other	IR-11 IR-12			Wet Ice Blue Ice Dry Ice Water None
TA Client Box Other	IR-11 IR-12			Wet Ice Blue Ice Dry Ice Water None
TA Client Box Other	IR-11 IR-12			Wet Ice Blue Ice Dry Ice Water None
TA Client Box Other	IR-11 IR-12			Wet Ice Blue Ice Dry Ice Water None
TA Client Box Other	IR-11 IR-12			Wet Ice Blue Ice Dry Ice Water None
TA Client Box Other	IR-11 IR-12			Wet Ice Blue Ice Dry Ice Water None
TA Client Box Other	IR-11 IR-12			Wet Ice Blue Ice Dry Ice Water None
TA Client Box Other	IR-11 IR-12			Wet Ice Blue Ice Dry Ice Water None
☐ See Temperature Excursion Form				

WI-NC-099 Cooler Receipt Form Page 2 – Multiple Coolers

Eurofins TestAmerica, Canton
4101 Shuffel Street NW
North Canton, OH 44720
Phone: 330-497-9396 Fax: 330-497-0772

Chain of Custody Record

eurofins | Environment Testing America

Client Information	Sampler: KENTON FOWLER	Lab PM: Howell, Leslie	Carrier Tracking No(s):	COC No: 240-77477-30888.9
Client Contact: Kathleen Teuscher	Phone: 513-675-5189	E-Mail: Leslie.Howell@Eurofinset.com	State of Origin:	Page: Page 9 of 12
Company: TRC Environmental Corporation	PWSID:			Job #:
Address: 1382 West Ninth Street Suite 400	Due Date Requested:			
City: Cleveland	TAT Requested (days):			
State, Zip: OH, 44113	Compliance Project: \ Yes \ No			
Phone:	PO #: Purchase Order Requested			
Email: kteuscher@trccompanies.com	WO #:			
Project Name: ABB 2019 \ 2020	Project #: 24024033			
Site:	SSOW#:			

Analysis Requested

Preservation Codes:
A - HCL, B - NaOH, C - Zn Acetate, D - Nitric Acid, E - NaHSO4, F - MeOH, G - Amchlor, H - Ascorbic Acid, I - Ice, J - DI Water, K - EDTA, L - EDA, M - Hexane, N - None, O -
Other:

240-145104 Chain of Custody

Sample Identification	Sample Date	Sample Time	Sample Type (C=comp, G=grab)	Matrix (W=water, S=solid, O=waste/oil, BT=Tissue, A=Air)	Field Filtered Sample (Yes or No)	Perform MS/MSD (Yes or No)	8260B - (MOD) TCL OLM03.1/4.2 Volatile Analyte L	6010B, 7196A	8260B - SPLP VOC	1010 - Ignitability	8260B - TCLP Volatiles	9012A, 9034_Calc, 9045C	6010B, 7470A	8260B - (MOD) TCL OLM03.1/4.2 Volatile Analyte L	Total Number of containers	Special Inst
			Preservation Code:				N	N	N	N	N	N	N	A		
SB-44	2/26/21	855	C	Solid					1						1	HOLD
SB-44 (0-2)		845	G	Solid			1								1	
SB-44 (2-4)		850	G	Solid			1								1	
SB-44 (4-6)		835	G	Solid			1								1	
SB-51		800	C	Solid					1						1	HOLD
SB-51 (0-2)		740	G	Solid			1								1	
SB-51 (2-4)		750	G	Solid			1								1	
SB-51 (4-6)		800	G	Solid			1								1	
CB02SW01		945	G	W ~~Solid~~			3								3	3 VOAs w/ HCL
~~TB~~ KDF TripBlank		—		W ~~Solid~~			3								3	
CB02SED01	2/26/21	1200	G	Solid												VOC SAMPLE

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

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

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

Special Instructions/QC Requirements:

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

Relinquished by	Date/Time	Company	Received by	Date/Time	Company
Kenton Fowler	2/26/21 1345	TRC	[signature]	2-26-21 1345	ETA

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

Ver: 11.01.2020

Eurofins TestAmerica, Canton
4101 Shuffel Street NW
North Canton, OH 44720
Phone: 330-497-9396 Fax: 330-497-0772

Chain of Custody Record

eurofins | Environment Testing America

Client Information	Sampler:	Lab PM: Howell, Leslie	Carrier Tracking No(s):	COC No: 240-77477-30888.10
Client Contact: Kathleen Teuscher	Phone:	E-Mail: Leslie.Howell@Eurofinset.com	State of Origin:	Page: Page 10 of 12
Company: TRC Environmental Corporation	PWSID:			Job #:

Address: 1382 West Ninth Street Suite 400
City: Cleveland
State, Zip: OH, 44113
Phone:
Email: kteuscher@trccompanies.com
Project Name: ABB 2019 \ 2020
Site:

Due Date Requested:
TAT Requested (days):
Compliance Project: ∆ Yes ∆ No
PO #: Purchase Order Requested
WO #:
Project #: 24024033
SSOW#:

Analysis Requested

Preservation Codes:
A - HCL, B - NaOH, C - Zn Acetate, D - Nitric Acid, E - NaHSO4, F - MeOH, G - Amchlor, H - Ascorbic Acid, I - Ice, J - DI Water, K - EDTA, L - EDA
M - Hexane, N - None, O - AsNaO2, P - Na2O4S, Q - Na2SO3, R - Na2S2O3, S - H2SO4, T - TSP Dodecahydrate, U - Acetone, V - MCAA, W - pH 4-5, Z - other (specify)
Other:

Sample Identification	Sample Date	Sample Time	Sample Type (C=comp, G=grab)	Matrix (W=water, S=solid, O=waste/oil, BT=Tissue, A=Air)	Field Filtered Sample (Yes or No)	Perform MS/MSD (Yes or No)	8260B - (MOD) TCL OLM03.1/4.2 Volatile Analyte L	6010B, 7196A	8260B - SPLP VOC	1010 - Ignitability	8260B - TCLP Volatiles	9012A, 9034, Calc, 9045C	6010B, 7470A	8260B - (MOD) TCL OLM03.1/4.2 Volatile Analyte L						Total Number of containers	Special Instructions/Note:
				Preservation Code:			N	N	N	N	N	N	N	A							
SB-54	2/26/21	820	C	Solid					1											1	Hold
SB-54 (0-2)		810	G	Solid			1													1	
SB-54 (2-4)		815	G	Solid			1													1	
SB-54 (4-6)		820	G	Solid			1													1	
				Solid																	
				Solid																	
				Solid																	
				Solid																	
				Solid																	
				Solid																	
				Solid																	

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

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

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

Special Instructions/QC Requirements:

Empty Kit Relinquished by:	Date:	Time:	Method of Shipment:		
Relinquished by: Kathleen Fowler	Date/Time: 2/26/21 1345	Company: TRC	Received by: [signature]	Date/Time: 2-26-21 1345	Company: EFH
Relinquished by:	Date/Time:	Company	Received by: [signature]	Date/Time:	Company
Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company

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

Ver: 11.01.2020

Chain of Custody Record 497887

eurofins | Environment Testing TestAmerica

2/6/27 1-8/19

Address: _____

Regulatory Program: ☐ DW ☐ NPDES ☐ RCRA ☐ Other:

TAL-8210

Client Contact	Project Manager: DAVID KREGER	Site Contact: KENTON FOWLE	Date:	COC No:
Company Name: TRC	Tel/Email: (734) 904-3312	Lab Contact: LESLIE HOWE	Carrier:	____ of ____ COCs
Address:	Analysis Turnaround Time			Sampler:
City/State/Zip:	☐ CALENDAR DAYS ☐ WORKING DAYS			For Lab Use Only:
Phone: (734) 904-3312	TAT if different from Below _____			Walk-in Client:
Fax:	☐ 2 weeks			Lab Sampling:
Project Name: ABB - WICKLIFFE	☐ 1 week			
Site: WICKLIFFE, OHIO	☐ 2 days			Job / SDG No.:
PO #	☐ 1 day			

Sample Identification	Sample Date	Sample Time	Sample Type (C=Comp, G=Grab)	Matrix	# of Cont.	Filtered Sample (Y/N)	Perform MS/MSD (Y/N)	8260/8035 (01 Water)	SPLP	WC - IGN, Flam, React, Cor	TCLP - VOCs	TCLP - METALS	Sample Specific Notes:
DUP-03	2/25/2021	—	G	SOIL	4			X					
DUP-04	↓	—	G	↓	4			X					
WCA03-01 (0-2)		15:35	G		4								
WCA03-01 (2-4)		15:45	G		4								
WCA03-01 (4-6)		15:50	G		4								
WCA03-01 E		16:00	COMP		1				X				HOLD PENDING VOC ANALYSIS
SB-45 (0-2)		16:25	G		4			X					
SB-45 (2-4)		16:30	G		4			X					
SB-45 (4-6)		16:40	G		4			X					
SB-45	↓	16:45	COMP	↓	2					X	X	X	
Preservation Used: 1= Ice, 2= HCl; 3= H2SO4; 4=HNO3; 5=NaOH; 6= Other DI WATER / METHANOL								6	1	1	1	1	

Possible Hazard Identification:
Are any samples from a listed EPA Hazardous Waste? Please List any EPA Waste Codes for the sample in the Comments Section if the lab is to dispose of the sample.

☐ Non-Hazard ☐ Flammable ☐ Skin Irritant ☐ Poison B ☐ Unknown

Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)

☐ Return to Client ☐ Disposal by Lab ☐ Archive for _____ Months

Special Instructions/QC Requirements & Comments: OHIO VAP CERTIFIED DATA ←

Custody Seals Intact: ☐ Yes ☐ No | Custody Seal No.: 1345 | Cooler Temp. (°C): Obs'd: _____ Corr'd: _____ | Therm ID No.: _____

Relinquished by:	Company:	Date/Time:	Received by:	Company:	Date/Time:
Kenton Fowle	TRC	2/26/2021	[illegible]	ETA	2-26-21 1345
Relinquished by:	Company:	Date/Time:	Received by:	Company:	Date/Time:
Relinquished by:	Company:	Date/Time:	Received in Laboratory by:	Company:	Date/Time:

Eurofins TestAmerica Canton Sample Receipt Form/Narrative
Canton Facility

Login # : 145104

Client IRC Site Name _____

Cooler unpacked by:

Cooler Received on 2-26-21 Opened on 2-26-21

FedEx: 1st Grd Exp UPS FAS Clipper Client Drop Off TestAmerica Courier Other _____

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

TestAmerica Cooler # TA Foam Box Client Cooler Box Other _____

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

COOLANT: Wet Ice Blue Ice Dry Ice Water None

1. Cooler temperature upon receipt ☑ See Multiple Cooler Form
   IR GUN# IR-11 (CF +0.1 °C) Observed Cooler Temp._____°C Corrected Cooler Temp._____°C
   IR GUN #IR-12 (CF +0.2°C) Observed Cooler Temp._____°C Corrected Cooler Temp._____°C
2. Were tamper/custody seals on the outside of the cooler(s)? If Yes Quantity_____ Yes No
   -Were the seals on the outside of the cooler(s) signed & dated? Yes No NA
   -Were tamper/custody seals on the bottle(s) or bottle kits (LLHg/MeHg)? Yes No
   -Were tamper/custody seals intact and uncompromised? Yes No NA
3. Shippers' packing slip attached to the cooler(s)? Yes No
4. Did custody papers accompany the sample(s)? Yes No
5. Were the custody papers relinquished & signed in the appropriate place? Yes No
6. Was/were the person(s) who collected the samples clearly identified on the COC? Yes No
7. Did all bottles arrive in good condition (Unbroken)? Yes No
8. Could all bottle labels (ID/Date/Time) be reconciled with the COC? Yes No
9. For each sample, does the COC specify preservatives (Y/N), # of containers (Y/N), and sample type of grab/comp(Y/N)?
10. Were correct bottle(s) used for the test(s) indicated? Yes No
11. Sufficient quantity received to perform indicated analyses? Yes No
12. Are these work share samples and all listed on the COC? Yes No
    If yes, Questions 13-17 have been checked at the originating laboratory.
13. Were all preserved sample(s) at the correct pH upon receipt? Yes No NA pH Strip Lot# **HC907861**
14. Were VOAs on the COC? Yes No
15. Were air bubbles >6 mm in any VOA vials? ● ⬅ Larger than this. Yes No NA
16. Was a VOA trip blank present in the cooler(s)? Trip Blank Lot #_____ Yes No
17. Was a LL Hg or Me Hg trip blank present? _____ Yes No

Tests that are not checked for pH by Receiving:

VOAs
Oil and Grease
TOC

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

Concerning _____

18. CHAIN OF CUSTODY & SAMPLE DISCREPANCIES ☐ additional next page

Samples processed by:

19. SAMPLE CONDITION

Sample(s) _____ were received after the recommended holding time had expired.
Sample(s) _____ were received in a broken container.
Sample(s) _____ were received with bubble >6 mm in diameter. (Notify PM)

20. SAMPLE PRESERVATION

Sample(s) _____ were further preserved in the laboratory.
Time preserved: _____ Preservative(s) added/Lot number(s):_____

VOA Sample Preservation - Date/Time VOAs Frozen: ~~12-6~~ 2-26-21 @ 18:05

WI-NC-099

Login # : 145104

Eurofins TestAmerica Canton Sample Receipt Multiple Cooler Form				
Cooler Description (Circle)	IR Gun # (Circle)	Observed Temp °C	Corrected Temp °C	Coolant (Circle)
TA Client Box Other	IR-11 IR-12	2.6	2.7	Wet Ice Blue Ice Dry Ice Water None
TA Client Box Other	IR-11 IR-12	1.8	1.9	Wet Ice Blue Ice Dry Ice Water None
TA Client Box Other	IR-11 IR-12			Wet Ice Blue Ice Dry Ice Water None
TA Client Box Other	IR-11 IR-12			Wet Ice Blue Ice Dry Ice Water None
TA Client Box Other	IR-11 IR-12			Wet Ice Blue Ice Dry Ice Water None
TA Client Box Other	IR-11 IR-12			Wet Ice Blue Ice Dry Ice Water None
TA Client Box Other	IR-11 IR-12			Wet Ice Blue Ice Dry Ice Water None
TA Client Box Other	IR-11 IR-12			Wet Ice Blue Ice Dry Ice Water None
TA Client Box Other	IR-11 IR-12			Wet Ice Blue Ice Dry Ice Water None
TA Client Box Other	IR-11 IR-12			Wet Ice Blue Ice Dry Ice Water None
TA Client Box Other	IR-11 IR-12			Wet Ice Blue Ice Dry Ice Water None
TA Client Box Other	IR-11 IR-12			Wet Ice Blue Ice Dry Ice Water None
TA Client Box Other	IR-11 IR-12			Wet Ice Blue Ice Dry Ice Water None
TA Client Box Other	IR-11 IR-12			Wet Ice Blue Ice Dry Ice Water None
TA Client Box Other	IR-11 IR-12			Wet Ice Blue Ice Dry Ice Water None
TA Client Box Other	IR-11 IR-12			Wet Ice Blue Ice Dry Ice Water None
TA Client Box Other	IR-11 IR-12			Wet Ice Blue Ice Dry Ice Water None
TA Client Box Other	IR-11 IR-12			Wet Ice Blue Ice Dry Ice Water None
TA Client Box Other	IR-11 IR-12			Wet Ice Blue Ice Dry Ice Water None
TA Client Box Other	IR-11 IR-12			Wet Ice Blue Ice Dry Ice Water None
TA Client Box Other	IR-11 IR-12			Wet Ice Blue Ice Dry Ice Water None
TA Client Box Other	IR-11 IR-12			Wet Ice Blue Ice Dry Ice Water None
TA Client Box Other	IR-11 IR-12			Wet Ice Blue Ice Dry Ice Water None
TA Client Box Other	IR-11 IR-12			Wet Ice Blue Ice Dry Ice Water None
TA Client Box Other	IR-11 IR-12			Wet Ice Blue Ice Dry Ice Water None
TA Client Box Other	IR-11 IR-12			Wet Ice Blue Ice Dry Ice Water None
TA Client Box Other	IR-11 IR-12			Wet Ice Blue Ice Dry Ice Water None
TA Client Box Other	IR-11 IR-12			Wet Ice Blue Ice Dry Ice Water None
TA Client Box Other	IR-11 IR-12			Wet Ice Blue Ice Dry Ice Water None
TA Client Box Other	IR-11 IR-12			Wet Ice Blue Ice Dry Ice Water None
TA Client Box Other	IR-11 IR-12			Wet Ice Blue Ice Dry Ice Water None
TA Client Box Other	IR-11 IR-12			Wet Ice Blue Ice Dry Ice Water None
☐ See Temperature Excursion Form				

WI-NC-099 Cooler Receipt Form Page 2 – Multiple Coolers

Chain of Custody Record 497887

eurofins | Environment Testing TestAmerica

2/6/27 1-8/19

Address: _____

Regulatory Program: ☐ DW ☐ NPDES ☐ RCRA ☐ Other:

TAL-8210

Client Contact	Project Manager: DAVID KREGER	Site Contact: KENTON FOWLE	Date:	COC No:
Company Name: TRC	Tel/Email: (734) 904-3312	Lab Contact: LESLIE HOWE	Carrier:	____ of ____ COCs
Address:	Analysis Turnaround Time			Sampler:
City/State/Zip:	☐ CALENDAR DAYS ☐ WORKING DAYS			For Lab Use Only:
Phone: (734) 904-3312	TAT if different from Below _____			Walk-in Client:
Fax:	☐ 2 weeks			Lab Sampling:
Project Name: ABB - WICKLIFFE	☐ 1 week			
Site: WICKLIFFE, OHIO	☐ 2 days			Job / SDG No.:
PO #	☐ 1 day			

Sample Identification	Sample Date	Sample Time	Sample Type (C=Comp, G=Grab)	Matrix	# of Cont.	Filtered Sample (Y/N)	Perform MS/MSD (Y/N)	8260/8035 (01 Water)	SPLP	WC - IGN, Flam, React, Cor	TCLP - VOCs	TCLP - METALS	Sample Specific Notes:
DUP-03	2/25/2021	—	G	SOIL	4			X					
DUP-04	↓	—	G	↓	4			X					
WCA03-01 (0-2)		15:35	G		4								
WCA03-01 (2-4)		15:45	G		4								
WCA03-01 (4-6)		15:50	G		4								
WCA03-01 E		16:00	COMP		1				X				HOLD PENDING VOC ANALYSIS
SB-45 (0-2)		16:25	G		4			X					
SB-45 (2-4)		16:30	G		4			X					
SB-45 (4-6)		16:40	G		4			X					
SB-45	↓	16:45	COMP	↓	2					X	X	X	
Preservation Used: 1= Ice, 2= HCl; 3= H2SO4; 4=HNO3; 5=NaOH; 6= Other DI WATER / METHANOL								6	1	1	1	1	

Possible Hazard Identification:
Are any samples from a listed EPA Hazardous Waste? Please List any EPA Waste Codes for the sample in the Comments Section if the lab is to dispose of the sample.

☐ Non-Hazard ☐ Flammable ☐ Skin Irritant ☐ Poison B ☐ Unknown

Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)

☐ Return to Client ☐ Disposal by Lab ☐ Archive for _____ Months

Special Instructions/QC Requirements & Comments: OHIO VAP CERTIFIED DATA ←

Custody Seals Intact: ☐ Yes ☐ No | Custody Seal No.: 1345 | Cooler Temp. (°C): Obs'd: _____ Corr'd: _____ | Therm ID No.: _____

Relinquished by:	Company:	Date/Time:	Received by:	Company:	Date/Time:
Kenton Fowle	TRC	2/26/2021	[illegible]	ETA	2-26-21 1345
Relinquished by:	Company:	Date/Time:	Received by:	Company:	Date/Time:
Relinquished by:	Company:	Date/Time:	Received in Laboratory by:	Company:	Date/Time:

Appendix D
Project Schedule

Appendix D
Former ABB-Wickliffe, OH
Former RCRA Pad - RCRA Closure Plan
Estimated RCRA Closure and Preliminary VAP Schedule

Former RCRA Unit - RCRA Closure Tasks	Duration	Week 1	Week 2	Week 3	Week 4	Week 5	Week 6	Week 7	Week 8	Week 9	Week 10	Week 11	Week 12	Week 13	Week 14	Week 15	Week 16	Week 17	Week 18	Week 19	Week 20	Week 21	Week 22	Week 23	Week 24	Week 25	Week 26	Week 27	Week 28
		Month 1				Month 2				Month 3				Month 4				Month 5				Month 6				Month 7			
Submit DRAFT RCRA Closure Plan	30																												
Agency Review and Comment Response [1]	30																												
OEPA Approval and Final DFFOs	30								▲																				
Public Comment and OEPA Approval	30												▲																
Bid Specifications and Contractor Selection	30																												
Financial Assurance Documentation	30																												
Soil Remediation - Preparation/Coordination	15																												
Soil Remediation - Implementation/Completion	45																				▲								
Prepare/Submit RCRA Closure Certification Report	30																												
Ohio EPA Review/Approval	30																												▲

RCRA Closure Tasks
Tentative RCRA Closure Tasks
▲ Milestone

[1] Schedule assumes Ohio EPA will complete review in 30 days