

July 10, 2026

Transmitted Electronically

Mr. Austin Tweedy
Hydrogeologist
Division of Environmental Response & Revitalization
Ohio EPA – Southeast District Office
2195 Front Street
Logan, Ohio 43138

**Re: 2026 First Quarter Groundwater Monitoring Report
Howmet - Former WearEver Facility
Chillicothe, Ohio**

Dear Mr. Tweedy:

Attached, please find the above-referenced groundwater monitoring report for the former WearEver facility located in Chillicothe, Ohio.

If you have any questions or desire additional information, please do not hesitate to call.

Best regards,

Key Environmental, Inc.



Andrew Franze, P.G.
Supervising Geologist

cc: Patrick Cook - Howmet

Attachment

**GROUNDWATER MONITORING REPORT
FIRST QUARTER SAMPLING EVENT
MARCH 2026**

**HOWMET FORMER WEAREVER FACILITY
CHILLICOTHE, OHIO
JULY 2026**

Prepared for:

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1.0 INTRODUCTION

Historical manufacturing at the Howmet Aerospace Inc. (formerly known as Alcoa Inc. and more recently known as Arconic Inc.) Former WearEver Facility (Site) located in Chillicothe, Ohio has resulted in the presence of volatile organic compounds (VOCs) in subsurface soils and groundwater at the Site. Figure 1 is a location map for the Site and surrounding areas. Remedial investigations have determined that on-Site VOCs sustain a groundwater plume that extends off-Site to a non-potable production wells located approximately 2,000 feet (ft) northeast of the Site. The production wells were operated by a paper mill that was sold by the Glatfelter Paper Company, Inc. (Glatfelter) to Pixelle Specialty Solutions (Pixelle) on October 9, 2019, per the Ross County Clerk records. Pixelle closed the paper mill facility in August 2025 and subsequently sold it to U.S. Paper Mill (USPM) who continues to operate the production wells.

In March of 1999, Alcoa entered into an agreement (Director’s Final Findings and Orders) with the Ohio Environmental Protection Agency (Ohio EPA) to perform specific remedial actions at the Site, and to monitor the groundwater plume. Although the on-Site remedial actions have improved groundwater quality, the off-Site VOC groundwater plume is expected to persist for many years.

The Groundwater Monitoring Plan (GWMP; KEY Environmental, 2012) was updated in March 2012 to document changes to the predominant groundwater flow direction and monitoring trigger data. The GWMP was approved by the Ohio EPA on June 4, 2012.

The Fifth Revision of the GWMP describes the groundwater monitoring activities to be performed at the Site. The First Quarter 2026 event included those elements of the GWMP listed as “annual,” including:

- 1) Monitoring of groundwater flow direction in the plume area and along the southeastern property line;
- 2) Monitoring groundwater quality on the southeastern Site area and off-Site center line of the VOC plume; and
- 3) Downloading data from the barometric pressure transducer and transducer data loggers installed in monitoring wells MW-H-I, MW-I-I, and MW-F-I.

In addition to the revisions contained in the March 2012 GWMP, additional monitoring recommendations were made during the course of the Third Five-Year Review conducted in 2015. These recommendations, which were approved by Ohio EPA in a February 3, 2016 response letter, consist of:

- Discontinue sampling of the Hammond Well (unless a southeast shift of groundwater flow direction occurs);
- Discontinue sampling of monitoring wells MW-D-D and MW-H-I; and
- Reduce sampling to annual at monitoring wells MW-D-I, MW-I-I, and MW-G-I.

Appendix A of this report includes Table 1 and Figure 2 of the revised GWMP that provides the schedule for sample collection and analysis, and the locations of the on- and off-Site monitoring wells.

The objectives of the quarterly monitoring events described in the revised GWMP are as follows:

- 1) Confirm that hydrodynamic control of the existing off-Site VOC groundwater plume is maintained by the Collector Wells 17 and 18, located to the east and northeast of the Site, by detecting potential southerly shifting of the plume toward potential groundwater receptors southeast of the Site; and
- 2) Monitor the sample concentrations of the off-Site plume.

In addition to these objectives, the GWMP includes performing water level measurements in selected wells to monitor the groundwater flow direction and the Groundwater Use Notification Agreements (GWUNAs) placed on the properties surrounding the Site.

The First Quarter 2026 Sampling Event was completed in March 2026. This report has been prepared to present the results of the monitoring performed under the revised GWMP.

2.0 MONITORING ACTIVITIES

On behalf of Howmet, Field and Technical Services, LLC (FTS) conducted the First Quarter 2026 monitoring activities in accordance with the revised GWMP dated March 2012 and the approved monitoring changes recommended in the Third Five-Year Review. The First Quarter 2026 sampling event included the following activities:

- Measuring water levels at Site-related monitoring wells;
- Retrieving groundwater samples from 25 monitoring wells;
- Downloading data from the barometric pressure transducer and continuous water level recorders maintained within three on-Site wells MW-F-I, MW-H-I, and MW-I-I; and
- Installing Equilibrator® passive diffusion samplers in monitoring wells (after completion of the groundwater sample collection).

During a previous sampling event, FTS installed passive diffusion samplers in the quarterly, semiannual, and residual monitoring wells. The passive samplers were allowed to equilibrate for approximately three months (between December 18, 2025 and March 9-10, 2026), prior to collection on March 9-10, 2026. Prior to removing the samplers, water levels were measured in Site monitoring wells. After the water level measurements were completed, the diffusion samplers were extracted from the wells and the contents transferred into pre-preserved 40-milliliter (mL) vials. The samples were submitted under chain of custody protocol to Eurofins Laboratories in Cleveland, Ohio for analysis by USEPA SW-846 Method 8260D.

3.0 MONITORING RESULTS

3.1 WATER LEVEL MEASUREMENTS

Water levels were measured in 43 Site-related monitoring wells during the First Quarter 2026 Monitoring Event. The water level measurements and piezometric surface elevations for the first quarter 2026 are provided in Table 1. The March 2026 water level data were used to calculate groundwater elevations, which were used to develop a piezometric surface elevation contour map for the intermediate zone (Figures 2 and 3). Figure 2 provides a Site piezometric surface map and Figure 3 provides an expanded piezometric surface map that includes select USPM observation wells. All wells were sampled and gauged on March 9th with the exception of MW-OS-1-I, which was gauged on March 10th due to difficulties with accessing the well property. A fence and gate were recently installed at the property on which MW-OS-1-I is located.

USPM (new owner of the former Pixelle mill) operates several collector wells around the Site that influence groundwater flow beneath the Site. Collector Wells 17 and 18, are located approximately 2,000 ft east and northeast of the Site, respectively. Historically, Collector Well 18 provided the greatest influence on groundwater flow direction which was typically to the northeast. However, as noted in the 2020 Five-Year Review Report¹, it was observed in the second quarter of 2020 that the groundwater flow direction had shifted to the southeast. Pixelle was contacted in 2020 to determine if they had well maintenance issues or had made changes to their pumping operations. Subsequent data provided by Pixelle showed apparent reduced production from their collector wells prior to the second quarter of 2020. Groundwater flow data at the Site through the third quarter of 2021 showed the flow was generally to the southeast and the horizontal hydraulic gradient was less than half of the typical historical values. However, since then the past four years of potentiometric data indicates that the horizontal groundwater flow direction at the Site has shifted back toward the east-northeast as a result of increased pumping at Collector Wells due to maintenance work performed by Pixelle. There is also an apparent east-northeastern flow direction at, or immediately beyond, the eastern property boundary during recent monitoring events. Pixelle redeveloped Collector Well 17 in October 2021 which improved Collector Well efficiency. Pixelle also completed well maintenance work in March 2024 at both Collector Wells 17 and 18. The March 2026 expanded gauging data included in Figure 3 shows that groundwater is captured by Collector Well 18. Collector Well 17 was not operating during this monitoring event. The horizontal hydraulic gradient beneath the property during the March 2026 event was approximately 0.0007 ft/ft and becomes steeper as groundwater approaches Collector Well 18.

In addition to measured water levels, daily water levels were recorded between December 15, 2025 and March 9, 2026 at on-Site monitoring wells equipped with pressure transducers/data recorders (MW-H-I, MW-F-I, and MW-I-I). Transducer data was downloaded, and the resulting water level data are illustrated on Figure 4. Historically and under typical conditions, MW-H-I groundwater elevations are greater than groundwater elevations at MW-I-I and MW-F-I groundwater elevations. The groundwater elevation data in Figure 4 depict short-term changes in groundwater flow directions.

¹ 2021, Key Environmental Inc., 2020 Five Year Review Report, Howmet Former WearEver Site, Chillicothe, Ohio.

Water levels at MW-H-I were greater than water levels at MW-I-I for entire first quarter monitoring period (December 15, 2025 to March 9, 2026). Water levels at MW-H-I were greater than water levels at MW-F-I for 99% of the first quarter monitoring period (MW-F-I water levels were only higher than MW-H-I on March 8th and 9th). The transducer data indicated that groundwater flow direction is primarily to the east-northeast. Since the fourth quarter 2021, the groundwater flow has been primarily to the east-northeast (in the vicinity of MW-H-I, MW-I-I, and MW-F-I). Gauging data indicates that groundwater flow shifts more to the northeast at and beyond the property boundary toward Collector Well 18.

The new owner's long term plans for use of the paper mill production wells is not well understood. Previous groundwater monitoring periods during low pumping or no pumping conditions at Collector Wells 17 and 18 indicate that groundwater beneath the Site will likely flow east-southeast toward the Scioto River and will be characterized by relatively low hydraulic gradients and low groundwater velocity. The conceptual site model will be reevaluated as part of the upcoming Five-Year Review.

3.2 GROUNDWATER SAMPLE RESULTS

The quarterly, semiannual, and residual source area sampling locations included in this first quarter sampling event for the Groundwater Plume Monitoring Network are provided in Table 1 of the GWMP (Appendix A).

The analytical data were evaluated in accordance with the National Functional Guidelines for Organic Data Review (USEPA, 2020). No major data validation issues were identified. The laboratory report and data validation are provided in Appendix B. The following subsections provides a summary of the groundwater sample analytical results collected during the first quarter 2026.

3.2.1 Quarterly Groundwater Plume Monitoring Network

The quarterly Plume Monitoring Well Network consists of wells MW-C-I, MW-D-S, MW-I-S, MW-OS-1-I, and MW-OS-2. Table 2, and the following, provides a summary of the first quarter sampling event VOC results from the quarterly monitoring wells.

- The first quarter sample collected from on-Site monitoring well MW-D-S had constituent of interest (COI) detections of trichloroethylene (TCE) at 140 J micrograms per liter (µg/l), cis-1,2-dichloroethylene (cis-DCE) at 9 µg/l, and trans-1,2-dichloroethylene (trans-DCE) at 0.56 J µg/l. TCE detected in the MW-D-S sample is the only COI that exceeds the federal Maximum Contaminant Limit (MCL). Figure 4 is a trend chart depicting fluctuating TCE concentrations in MW-D-S samples over time.
- The sample collected from monitoring well MW-I-S had a detection of TCE at 2.2 µg/l that does not exceed the federal MCL. Figure 5 is a trend chart depicting the fluctuating TCE concentrations at perimeter well MW-I-S.

- The sample collected from on-Site monitoring point MW-C-I had detections of the following constituents: 1,1-dichloroethylene (1,1-DCE) at 130 µg/l, cis-DCE at 2,100 µg/l, trans-DCE at 46 µg/l, TCE at 470 µg/l, and vinyl chloride at 110 µg/l. The detections of 1,1-DCE, cis-DCE, TCE, and vinyl chloride exceeded their respective MCLs. The first quarter chlorinated VOC concentrations at MW-C-I fall within the range of historical concentrations, which have been declining overall since 2013. Figure 6 illustrates the cis-DCE and vinyl chloride concentration trends at MW-C-I.
- The sample collected from off-Site monitoring well MW-OS-1-I has detections of 1,1-DCE at 7.7 µg/l, cis-DCE at 510 µg/l, trans-DCE at 2.3 µg/l, TCE at 4.5 µg/l, and vinyl chloride at 30 µg/l. The detections of 1,1-DCE, cis-DCE, and vinyl chloride exceeded their respective MCLs. Figure 7 depicts the trends of cis-DCE and vinyl chloride in monitoring well MW-OS-1-I. Although the cis-DCE and vinyl chloride concentrations fluctuate, the chart shows an overall downward trend.
- No Site-related COIs were detected at monitoring point MW-OS-2, which is located to the east of the Site.

Relationships between water levels and VOC concentrations for the period of 2010 to 2015 were examined during the development of the 2015 Five-Year Review Report. During that five-year window, water levels and total chlorinated VOC concentrations fluctuated seasonally, but VOC concentrations declined overall. During that period, total chlorinated VOC concentrations at MW-OS-1-I typically decreased with a seasonal decline in groundwater elevation (indicating positive correlation between water levels and VOC concentrations), whereas the opposite is typically true at MW-D-S (indicating negative correlation between water levels and VOC concentrations).

Sample results for the first quarter 2025 sampling event indicated detections of acetone in 24 samples (23 wells and one duplicate), as indicated on Tables 2, 3, and 4. In accordance with Ohio EPA's letter dated November 12, 2019, KEY investigated the occurrence of acetone detections in groundwater samples from quarterly monitoring wells MW-D-S, MW-I-S, and MW-OS-2 from the previous five groundwater monitoring reports (from the third quarter 2018 to the third quarter 2019). It was determined that MW-I-S was the only monitoring well with consistent occurrences of acetone during that time period, as MW-D-S had two sampling events where acetone was below detection limits (first quarter 2019 and fourth quarter 2018), and MW-OS-2 had one sampling event where acetone was below detection limits (second quarter 2019).

Acetone is widely recognized as a common laboratory artifact because it is used to clean glassware and other laboratory equipment; however, acetone has not typically been detected in the method (lab) blanks during the sampling events. Acetone was identified as a Site constituent of interest in the 1996 Remedial Investigation (RI) Report (Marsh and ICF Kaiser, 1996) because the maximum concentration of 38,000 µg/l exceeded the EPA Region 3 Tapwater RBC of 37,000 µg/l. The recent concentrations of acetone are approximately two orders of magnitude below the maximum concentration noted in the RI (38,000 µg/l), as well as the EPA Residential Tapwater Regional Screening Level (14,000 µg/l). Therefore, although the recurring detections of acetone cannot conclusively be attributed to the laboratory contamination, KEY maintains that acetone is not

considered a Site constituent of interest based on comparison of the reported concentrations to the EPA Residential Tapwater Regional Screening Level (RSL) for acetone.

2-butanone was detected during the first quarter event below the reporting limits in 12 monitoring wells and these detections are not considered Site related considering the following: 1) detections are low in concentration, and are not consistently detected in samples; 2) detections occurred away from source zones, indicating they are not related to constituents of interest found in source zones; and 3) 2-butanone is a widely recognized as a potential laboratory contaminant.

3.2.2 Semiannual Monitoring Network

The Semiannual Monitoring Well Network consists of Production Wells 17 and 18, MW-G-S, and MW-OS-03. The sample ports at Production Wells 17 and 18 were not operating at the time of the monitoring event and these locations could not be sampled. Production Well 18 was online during the event, but Production Well 17 was offline as indicated in Figure 3. No detections of Site-related COIs were identified in the MW-G-S and MW-OS-3 samples.

3.2.3 Residual Source Area Monitoring Network

Table 4 includes a summary of VOC detections at the 18 Residual Source Area (annual) monitoring locations sampled during this event. The Annual Monitoring Well Network consists of wells MW-1S, MW-5, MW-AS2-S, MW-AS3-S, MW-AS4-S, MW-AS5-S, MW-B-I, MW-BL-S, MW-C-S, MW-D-I, MW-DS-I, MW-DT-S, MW-F-I, MW-F-S, MW-GA-S, MW-G-I, MW-I-I, and MW-LP-I. The first quarter 2026 sample results are comparable to the first quarter 2025 sample results.

- Site-related COIs were not detected in samples collected from MW-G-I and MW-I-I.
- One or more Site-related constituents were detected in samples collected from MW-1S, MW-5, MW-AS2-S, MW-AS3-S, MW-AS4-S, MW-AS5-S, MW-B-I, MW-BL-S, MW-C-S, MW-D-I, MW-DS-I, MW-DT-S, MW-F-I, MW-F-S, MW-GA-S, and MW-LP-I. Constituents detected in the samples that were greater than established MCLs include cis-DCE (4 samples), TCE (12 samples), and vinyl chloride (1 sample), as indicated on Table 4.

4.0 EVALUATION

Section 6.3 of the approved GWMP presents specific criteria used to evaluate the monitoring data. Below are the criteria and the evaluation results from the first quarter 2026 monitoring activities.

4.1 QUARTERLY TRIGGER CRITERIA

1. Daily Water Levels: Daily water level elevation from MW-H-I, MW-I-I and MW-F-I.

- The water level in MW-H-I should have a higher average elevation than both MW-I-I and MW-F-I.

Evaluation result: Met.

Figure 3 (hydrograph) depicts the elevation of the water table surface for the three wells outfitted with pressure transducers/data loggers. Average groundwater elevations in MW-H-I, MW-I-I, and MW-F-I were 587.82 ft, 587.41 ft, and 587.44 ft, respectively, for the December 15, 2025 to March 9, 2026 monitoring period. The transducer data indicated that MW-H-I water levels were greater than MW-I-I and MW-F-I for the monitoring period.

2. Manual Water Levels: The groundwater flow direction as determined from the manual measurements should not consistently flow in an easterly or southeasterly direction for two consecutive quarters along the eastern boundary of the Site.

Evaluation Result: Met.

An easterly or southeasterly flow direction along the eastern boundary of the Site was not observed for two consecutive quarters.

3. Sample Results: The following should be true:

- Site-related VOC concentrations meet the following criteria in all quarterly water quality samples from wells MW-I-S and MW-OS-2.
 - MCL not exceeded at the same well for two consecutive quarterly events; and,
 - None of these wells may exceed five times MCL in any one quarter.

Evaluation Result: Met.

Table 2 includes water quality data for the above-listed monitoring points.

- No site-related VOC constituents exceeded the MCLs in MW-I-S and MW-OS-2 during the first quarter 2026 sample event.

4.2 SEMIANNUAL TRIGGER CRITERIA

1. **Manual Water Levels:** Piezometric surface at the shallow and deep aquifer depths will be evaluated to define flow direction within these zones. Flow direction within these zones should be consistent with that of the intermediate zone.

Evaluation Result: Met.

A review of groundwater elevations for the shallow and deep monitoring wells reveal a similar onsite flow direction as the intermediate zone wells.

2. **Sample Results:** The following should be true:
 - No consistent detection (2 consecutive rounds) of Site-related VOCs at monitoring well MW-G-S.
 - Site-related VOC concentrations meet the following criteria from the water quality sample collected from well MW-OS-3.
 - MCL not exceeded at MW-OS-3 for two consecutive semiannual events; and,
 - Five times MCL not exceeded at MW-OS-3 in any semiannual event.

Evaluation Result: Met.

- There were no site-related VOC detections in the sample collected from MW-G-S during the previous two sampling events, and,
- There were no exceedances of an MCL from the sample collected from well MW-OS-3 in the last two sampling events. No concentrations exceeded five times the MCL in MW-OS-3 samples.

4.3 ADDITIONAL ANNUAL MONITORING DATA

1. Production Well Pumping Rates

Section 6.3 of the approved GWMP requires that collector well pumping records be checked for major changes in pumping rates or distribution of water extraction between collector wells. Any major changes will be correlated with observed effects such as rapid water level alterations observed in the daily water level data or shifting of the groundwater plume.

Monthly production records for the Pixelle collector wells were obtained from Pixelle for the 2025 calendar year. Figure 1 provides locations for each of the five collector wells (Wells 13, 14, 16, 17, and 18). Appendix C contains pumping records for the collector wells (as provided by Pixelle). The pumping records obtained from Pixelle for 2025 indicate that Well 17 pumped 0.838 billion gallons and Well 18 pumped 2.101 billion gallons. According to Pixelle records, the total amount of water pumped from the five collector wells was 4.545 billion gallons in 2025. The first half of 2025 pumping operations were consistent with previous years. During the second half of 2025,

Collector Wells 14, 16, and 17 were transitioned to an offline status. However, Wells 13 and 18 remained online and pumping during the second half of 2025. Collector Well 18 is capturing groundwater from beneath the Site.

2. GWUNA Evaluation and Records Review

An online search of Ross County property ownership revealed that one property transfer of candidate GWUNA properties took place during 2025. The Pixelle paper mill facility sold their property to U.S. Paper Mill (USPM) who has continued to operate the production wells since taking ownership.

A search of the ODNR database was also conducted to identify if new water wells were installed within the restricted use area. ODNR records indicated that no new water wells or monitoring wells were registered within the restricted use area during 2025. Also, the field reconnaissance (windshield survey) conducted during March 2026 did not identify any new water wells or significant external changes to properties near the Site.

5.0 SUMMARY & RECOMMENDATIONS

All of the quarterly evaluation criteria were met during this monitoring period. As noted in Five-Year Review (FYR) reports for the Site going back to 2010, occasional variations in pumping rates at the paper mill collector wells can temporarily modify groundwater flow direction beneath the Site area. A shift in groundwater flow direction to the southeast occurred from 2008 to 2013 as described in the 2010 and 2015 FYR reports. As described in the 2020 FYR report, it occurred again in 2020; however, since the fourth quarter 2021 monitoring event, the expanded potentiometric surface maps that include paper mill observation wells show that groundwater is captured by the paper mill's Collector Wells 17 or 18. The groundwater flow direction gradually shifts more to the northeast at and beyond the eastern boundary of the Site.

The residences located southeast of the Site are connected to the municipal water supply, and despite the occasional transient southeast groundwater flow conditions, the water quality trigger criteria associated with the groundwater plume monitoring well network are consistently met. The concentrations of VOCs observed in groundwater samples collected from wells located near the southeastern property boundary that are routinely sampled per the GWMP generally show an overall declining trend over time.

Several on-Site and off-Site wells located within the center of the plume near the northeastern property boundary (away from domestic wells located to the southeast) continue to have VOCs at concentrations that exceed MCLs. Trend graphs for these wells show concentrations continue to attenuate over time.

The sampling and gauging frequencies described in the GWMP (as described in Table 1 of Appendix A) will continue to be implemented. In addition to the sampling frequencies described in the GWMP, enhanced quarterly sampling was initiated during the third quarter monitoring event. In addition to quarterly sampling locations MW-I-S, MW-D-S, MW-OS-1, MW-OS-2, and MW-C-I that are identified in the GWMP, enhanced quarterly monitoring will also consist of sampling MW-D-I, MW-D-D, MW-I-I, MW-G-S, MW-G-I, MW-G-D, and MW-OS-3.

The Ohio EPA provided a letter to Howmet on July 7, 2025 regarding groundwater containment concerns and additional monitoring well installation due to the anticipated shutdown of the paper mill. As noted above, Pixelle closed the paper mill facility in August 2025 but then subsequently sold it to U.S. Paper Mill (USPM) whose long-term plans for use of the paper mill production wells is not yet well understood. USPM has continued to operate Collector Well 18 since taking ownership of the property. Until steady state conditions aquifer conditions are understood through the new owner's continued operation or shutdown of the production wells, the enhanced monitoring described above will continue.

As noted in KEY's August 1, 2025 response letter to the Ohio EPA, if the production wells are permanently shut down, an updated conceptual site model will be constructed based on monitoring data collected during non-pumping conditions. Once groundwater flow is no longer under the influence of the collector wells, and non-pumping conditions have been characterized and assessed, a revised remedial approach that ensures continued protection of human health and the

environment, including the health and safety of the nearby residents, will be developed for Ohio EPA evaluation and approval under the DFFOs.

The Ohio EPA provided a follow-up letter to Howmet on November 13, 2025 regarding the installation of additional monitoring wells that require access to be granted by the property owners. Howmet provided access agreements to the property owners in October 2025 but have not yet received the signed agreements from those owners.

TABLES

TABLE 1
GROUNDWATER MONITORING SUMMARY
FIRST QUARTER 2026
HOWMIET FORMER WEAREVER SITE
CHILLICOTHE, OH

Well No.	Elevation (TOC)	Total Depth	Depth to Water	Groundwater Elevation	Sample Number	Sample Collection Date	Sample Time
Up Gradient							
MW-E-S	619.20	30.32	28.86	590.34	--	--	--
MW-E-I	619.29	62.18	29.00	590.29	--	--	--
MW-E-D	619.06	91.79	28.88	590.18	--	--	--
MW-BG-S	615.25	33.71	25.36	589.89	--	--	--
Drum Storage							
MW-DS-S	612.44	33.92	22.61	589.83	--	--	--
MW-DS-I	612.94	60.20	23.13	589.81	MW-DS-I	3/9/2026	1050
Draw Tank							
MW-DT-S	615.20	37.59	25.69	589.51	MW-DT-S	3/9/2026	1215
MW-DT-I	615.24	62.54	25.69	589.55	--	--	--
MW-DT-D	616.29	86.85	26.70	589.59	--	--	--
Leach Pit							
MW-LP-I	608.88	59.07	18.95	589.93	MW-LP-I	3/9/2026	1155
Building Perimeter							
MW-1S	619.01	46.75	29.45	589.56	MW-1S	3/9/2026	1220
MW-AS2-S	618.45	39.88	28.75	589.70	MW-AS2-S	3/9/2026	1200
MW-AS3-S	622.34	43.25	32.92	589.42	MW-AS3-S	3/9/2026	1420
MW-AS4-S	611.54	32.78	22.05	589.49	MW-AS4-S	3/9/2026	1310
MW-AS5-S	618.88	40.06	29.43	589.45	MW-AS5-S	3/9/2026	1245
MW-BL-S	617.67	40.80	28.14	589.53	MW-BL-S	3/9/2026	1230
MW-BL-I	617.45	62.70	28.02	589.43	--	--	--
MW-BL-D	617.56	91.73	28.09	589.47	--	--	--
MW-GA-S	615.86	37.25	25.35	590.51	MW-GA-S	3/9/2026	1510
MW-H-I	611.40	60.53	22.11	589.29	--	--	--
Property Line Perimeter							
MW-5	613.16	43.30	23.41	589.75	MW-5	3/9/2026	1615
MW-A-I	616.06	60.10	25.57	590.49	--	--	--
MW-A-S	616.19	37.47	25.72	590.47	--	--	--
MW-B-I	613.30	62.50	23.41	589.89	MW-B-I	3/9/2026	1120
MW-B-D	613.07	92.33	23.24	589.83	--	--	--
MW-C-S	611.53	36.15	21.91	589.62	MW-C-S	3/9/2026	1135
MW-C-I	611.64	62.22	22.09	589.55	MW-C-I	3/9/2026	1140
MW-C-D	611.58	90.90	22.02	589.56	--	--	--
MW-F-S	622.28	45.80	32.98	589.30	MW-F-S	3/9/2026	1420
MW-F-I	621.41	62.30	32.06	589.35	MW-F-I	3/9/2026	1425
MW-F-D	622.46	95.51	33.11	589.35	--	--	--
MW-D-S	614.77	38.03	25.47	589.30	MW-D-S	3/9/2026	1440
MW-D-I	614.90	62.25	25.69	589.21	MW-D-I	3/9/2026	1435
MW-D-D	615.16	77.85	25.90	589.26	--	--	--
MW-I-S	610.47	33.20	21.28	589.19	MW-I-S	3/9/2026	1330
MW-I-I	610.18	61.82	21.09	589.09	MW-I-I	3/9/2026	1325
MW-G-S	609.94	31.68	26.20	583.74	MW-G-S	3/9/2026	1520
MW-G-I	610.01	60.00	27.50	582.51	MW-G-I	3/9/2026	1525
MW-G-D	610.37	74.55	21.05	589.32	--	--	--

TABLE 1
GROUNDWATER MONITORING SUMMARY
FIRST QUARTER 2026
HOWMET FORMER WEAREVER SITE
CHILLICOTHE, OH

Well No.	Elevation (TOC)	Total Depth	Depth to Water	Groundwater Elevation	Sample Number	Sample Collection Date	Sample Time
Off Site Wells							
MW-OS-1-I	610.33	61.80	20.65	589.68	MW-OS-1-I	3/10/2026	0925
MW-OS-1-D	610.84	111.15	20.92	589.92	—	—	—
MW-OS-2	615.31	51.85	26.16	589.15	MW-OS-2	3/9/2026	1635
MW-OS-3	612.10	52.24	22.86	589.24	MW-OS-3, M-99	3/9/2026	1645
Chillicothe Paper Pumping Well							
Chillicothe Paper 17	--	NM	NM	—	—	—	—
Chillicothe Paper 18	—	NM	NM	—	—	—	—
Pixelle Wells							
OW-13	619.54	NM	44.79	574.75	—	—	—
OW-14	614.08	79.60	22.03	592.05	—	—	—
TB-1	617.70	92.90	21.93	595.77	—	—	—
OW-17	606.24	81.87	13.47	592.77	—	—	—
OW-18	619.84	87.45	41.80	578.04	—	—	—
OW-74	619.41	92.82	23.70	595.71	—	—	—
OW-20	605.60	70.27	12.89	592.71	—	—	—
TH21-2	602.70	81.52	13.89	588.81	—	—	—

Notes

Updated elevation TOC data collected on September 24, 2021 and March 20, 2023 by DLZ Ohio, Inc.
Pixelle observation well survey data obtained from Pixelle.
Elevation TOC data provided in reference to NGVD29.

TABLE 2
SUMMARY OF VOC DETECTIONS
QUARTERLY GROUNDWATER PLUME MONITORING NETWORK
FIRST QUARTER 2026
HOWMET FORMER WEAREVER SITE
CHILLICOTHE, OH

Sample ID	Monitoring Location	Maximum Contaminant Levels (MCLs)	MW-C-I MW-C-I 3/9/2026	MW-D-S MW-D-S 3/9/2026	MW-I-S MW-I-S 3/9/2026	MW-OS-1-I MW-OS-1-I 3/10/2026	MW-OS-2 MW-OS-2 3/9/2026
CONSTITUENT	UNITS		MW-C-I	MW-D-S	MW-I-S	MW-OS-1-I	MW-OS-2
1,1-Dichloroethylene	ug/l	7	130	0.49 U	0.49 U	7.7	0.49 U
2-Butanone	ug/l	--	4.2 U	9.4 J	4.2 U	8.3 U	4.2 U
Acetone	ug/l	--	22	75	22	97	5.4 U
cis-1,2-Dichloroethylene	ug/l	70	2100	9	0.46 U	510	0.46 U
trans-1,2-Dichloroethylene	ug/l	100	46	0.56 J	0.51 U	2.3	0.51 U
Trichloroethylene	ug/l	5	470	140 J	2.2	4.5	0.44 U
Vinyl chloride	ug/l	2	110	0.45 U	0.45 U	30	0.45 U

Notes:

U = constituent not detected at the reported concentration

J = estimated concentration

Bold = constituent detected

Highlighted - constituent exceeds MCLs

TABLE 3
SUMMARY OF VOC DETECTIONS
SEMIANNUAL GROUNDWATER PLUME MONITORING NETWORK
FIRST QUARTER 2026
ALCOA FORMER WEAREVER SITE
CHILLICOTHE, OH

Sample ID	Monitoring Location		Maximum Contaminant Levels (MCLs)	MW-G-S	MW-OS-03	MW-OS-03
CONSTITUENT		UNITS				
Acetone		ug/l	--	5.4 U	7.4 J	21 J

Notes:

U = constituent not detected at the reported concentration

J = estimated concentration

Bold = constituent detected

Highlighted - constituent exceeds MCLs

TABLE 4
SUMMARY OF VOC DETECTIONS
RESIDUAL SOURCE (ANNUAL) GROUNDWATER PLUME AREA MONITORING NETWORK
FIRST QUARTER 2026
HOWMET FORMER WEAREVER SITE
CHILLICOTHE, OH

Sample ID	Maximum Contaminant Levels (MCLs)	MW-1S MW-1S 3/9/2026	MW-5 MW-5 3/9/2026	MW-AS2-S MW-AS2-S 3/9/2026	MW-AS3-S MW-AS3-S 3/9/2026	MW-AS4-S MW-AS4-S 3/9/2026
Monitoring Location		MW-1S	MW-5	MW-AS2-S	MW-AS3-S	MW-AS4-S
CONSTITUENT	UNITS					
1,1,1-Trichloroethane	ug/l	0.48 U	0.48 U	0.48 U	8.9	0.48 U
1,1-Dichloroethane	ug/l	0.47 U	0.47 U	0.47 U	1.5	0.47 U
1,1-Dichloroethylene	ug/l	0.49 U	0.63 J	0.49 U	0.49 U	0.49 U
2-Butanone	ug/l	4.2 U	7.6 J	8.4 J	4.3 J	4.2 U
Acetone	ug/l	300	30	57	6.7 J	6.6 J
cis-1,2-Dichloroethylene	ug/l	23	92	80	27	11
Tetrachloroethylene	ug/l	0.44 U	0.44 U	0.44 U	0.44 U	3
trans-1,2-Dichloroethylene	ug/l	0.51 U	1.2	9	2.7	1.1
Trichloroethylene	ug/l	4.2	240	110	690	570
Vinyl chloride	ug/l	0.45 U	0.45 U	0.45 U	0.45 U	0.45 U

Notes:

U = not detected at the reported concentration

J = estimated concentration

Bold = constituent detected

Highlighted - constituent exceeds MCLs

TABLE 4
SUMMARY OF VOC DETECTIONS
RESIDUAL SOURCE (ANNUAL) GROUNDWATER PLUME AREA MONITORING NETWORK
FIRST QUARTER 2026
HOWMET FORMER WEAREVER SITE
CHILLICOTHE, OH

Sample ID	Monitoring Location	Maximum Contaminant Levels (MCLs)	MW-AS5-S MW-AS5-S 3/9/2026	MW-B-I MW-B-I 3/9/2026	MW-BL-S MW-BL-S 3/9/2026	MW-C-S MW-C-S 3/9/2026
CONSTITUENT	UNITS		MW-AS5-S	MW-B-I	MW-BL-S	MW-C-S
1,1,1-Trichloroethane	ug/l	200	0.48 U	0.48 U	0.48 U	0.48 U
1,1-Dichloroethane	ug/l	--	0.47 U	0.47 U	0.47 U	0.47 U
1,1-Dichloroethylene	ug/l	7	0.49 U	0.49 U	0.49 U	0.55 J
2-Butanone	ug/l	--	4.2 U	4.4 J	4.2 U	6.9 J
Acetone	ug/l	--	9.4 J	190	7.1 J	170
cis-1,2-Dichloroethylene	ug/l	70	4.3	24	6.6	55
Tetrachloroethylene	ug/l	5	0.44 U	0.44 U	0.44 U	0.44 U
trans-1,2-Dichloroethylene	ug/l	100	0.98 J	0.98 J	0.8 J	4.1
Trichloroethylene	ug/l	5	310	75	310	170
Vinyl chloride	ug/l	2	0.45 U	0.45 U	0.45 U	0.45 U

Notes:

U = not detected at the reported concentration

J = estimated concentration

Bold = constituent detected

Highlighted - constituent exceeds MCLs

TABLE 4
SUMMARY OF VOC DETECTIONS
RESIDUAL SOURCE (ANNUAL) GROUNDWATER PLUME AREA MONITORING NETWORK
FIRST QUARTER 2026
HOWMET FORMER WEAREVER SITE
CHILLICOTHE, OH

Sample ID	Maximum Contaminant Levels (MCLs)	MW-D-I MW-D-I 3/9/2026	MW-DS-I MW-DS-I 3/9/2026	MW-DT-S MW-DT-S 3/9/2026	MW-F-I MW-F-I 3/9/2026	MW-F-S MW-F-S 3/9/2026
Monitoring Location		MW-D-I	MW-DS-I	MW-DT-S	MW-F-I	MW-F-S
CONSTITUENT	UNITS					
1,1,1-Trichloroethane	ug/l	0.48 U	0.48 U	8.5	0.48 U	0.96 U
1,1-Dichloroethane	ug/l	0.47 U	0.47 U	0.47 U	0.85 J	3.1
1,1-Dichloroethylene	ug/l	0.49 U	0.49 U	0.49 U	0.49 U	1.9 J
2-Butanone	ug/l	4.2 U	7.3 J	4.2 U	4.2 U	14 J
Acetone	ug/l	16	7.2 J	140	7.7 J	11 J
cis-1,2-Dichloroethylene	ug/l	0.69 J	1.8	1.5	35	190
Tetrachloroethylene	ug/l	0.44 U	0.44 U	0.76 J	0.44 U	0.88 U
trans-1,2-Dichloroethylene	ug/l	0.51 U	0.51 U	0.51 U	3.1	9.8
Trichloroethylene	ug/l	0.44 U	3.3	790	0.57 J	720
Vinyl chloride	ug/l	0.45 U	0.45 U	0.45 U	0.8 J	48

Notes:

U = not detected at the reported concentration

J = estimated concentration

Bold = constituent detected

Highlighted - constituent exceeds MCLs

TABLE 4
SUMMARY OF VOC DETECTIONS
RESIDUAL SOURCE (ANNUAL) GROUNDWATER PLUME AREA MONITORING NETWORK
FIRST QUARTER 2026
HOWMET FORMER WEAREVER SITE
CHILLICOTHE, OH

Sample ID	Maximum Contaminant Levels (MCLs)	MW-GA-S MW-GA-S 3/9/2026	MW-G-I MW-G-I 3/9/2026	MW-I-I MW-I-I 3/9/2026	MW-LP-I MW-LP-I 3/9/2026
Monitoring Location		MW-GA-S	MW-G-I	MW-I-I	MW-LP-I
CONSTITUENT	UNITS				
1,1,1-Trichloroethane	ug/l	0.48 U	0.48 U	0.48 U	0.48 U
1,1-Dichloroethane	ug/l	0.47 U	0.47 U	0.47 U	0.47 U
1,1-Dichloroethylene	ug/l	0.96 J	0.49 U	0.49 U	0.67 J
2-Butanone	ug/l	9.2 J	4.2 J	4.5 J	9.1 J
Acetone	ug/l	160	110	39	230
cis-1,2-Dichloroethylene	ug/l	99	0.46 U	0.46 U	56
Tetrachloroethylene	ug/l	0.44 U	0.44 U	0.44 U	0.44 U
trans-1,2-Dichloroethylene	ug/l	6.7	0.51 U	0.51 U	2.3
Trichloroethylene	ug/l	280	0.44 U	0.44 U	860
Vinyl chloride	ug/l	0.45 U	0.45 U	0.45 U	0.45 U

Notes:

U = not detected at the reported concentration

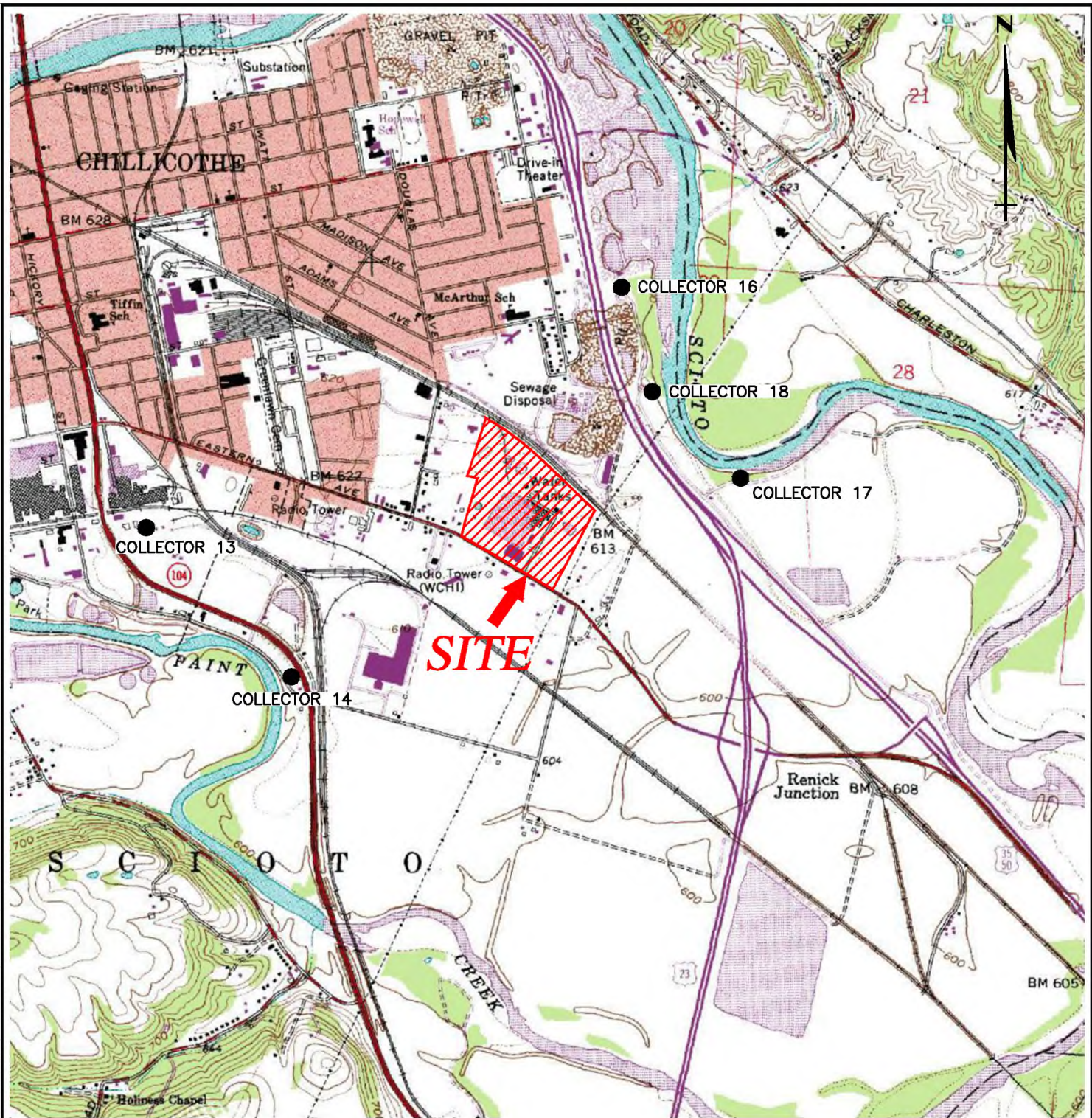
J = estimated concentration

Bold = constituent detected

Highlighted - constituent exceeds MCLs

FIGURES

y:\alcoa-warever\2026 gw report\2026 1st quarter\figure 1 - site location map.dwg Last Saved By: SComer 4/14/2026 10:37 AM Plotted By: Shelly Comer 4/14/2026 10:47 AM Scale: 1:1



LEGEND

● PAPER COMPANY
COLLECTOR WELL

0 2000 4000
FEET

HOWMET AEROSPACE, INC.

DRWN: SCC	DATE: 04/14/26
CHKD: ECL	DATE: 04/14/26
APPD: AEF	DATE: 04/14/26
SCALE:	AS SHOWN



FORMER WEAREVER FACILITY
CHILLICOTHE, OH

REFERENCE: USGS NORTH AMERICAN DATUM 1983 / UTM ZONE 17N:
CHILLICOTHE, OH, UNITED STATES 7/1/1992

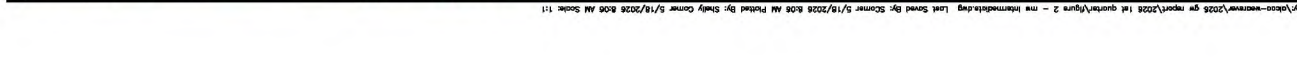
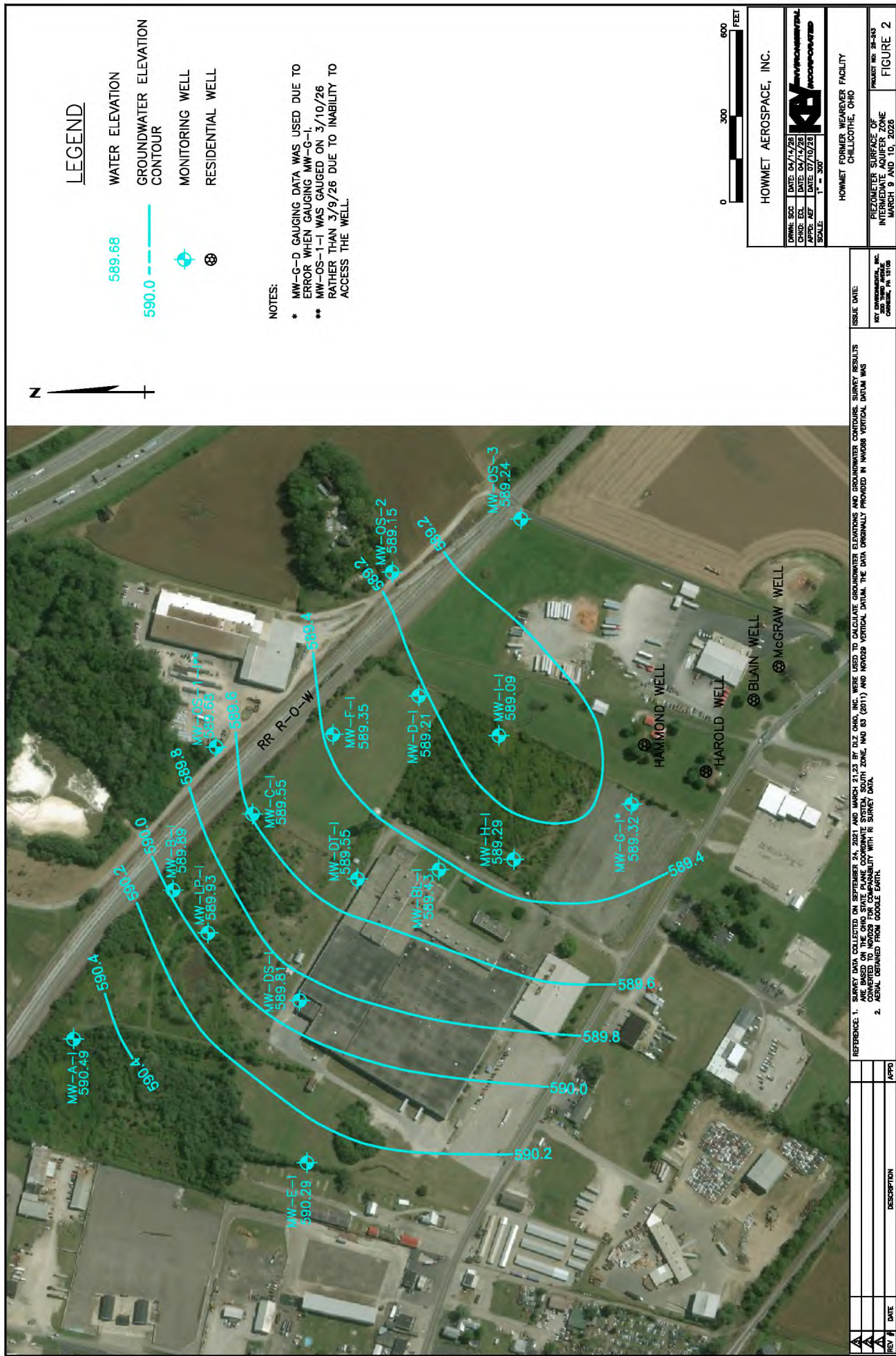
ISSUE DATE:

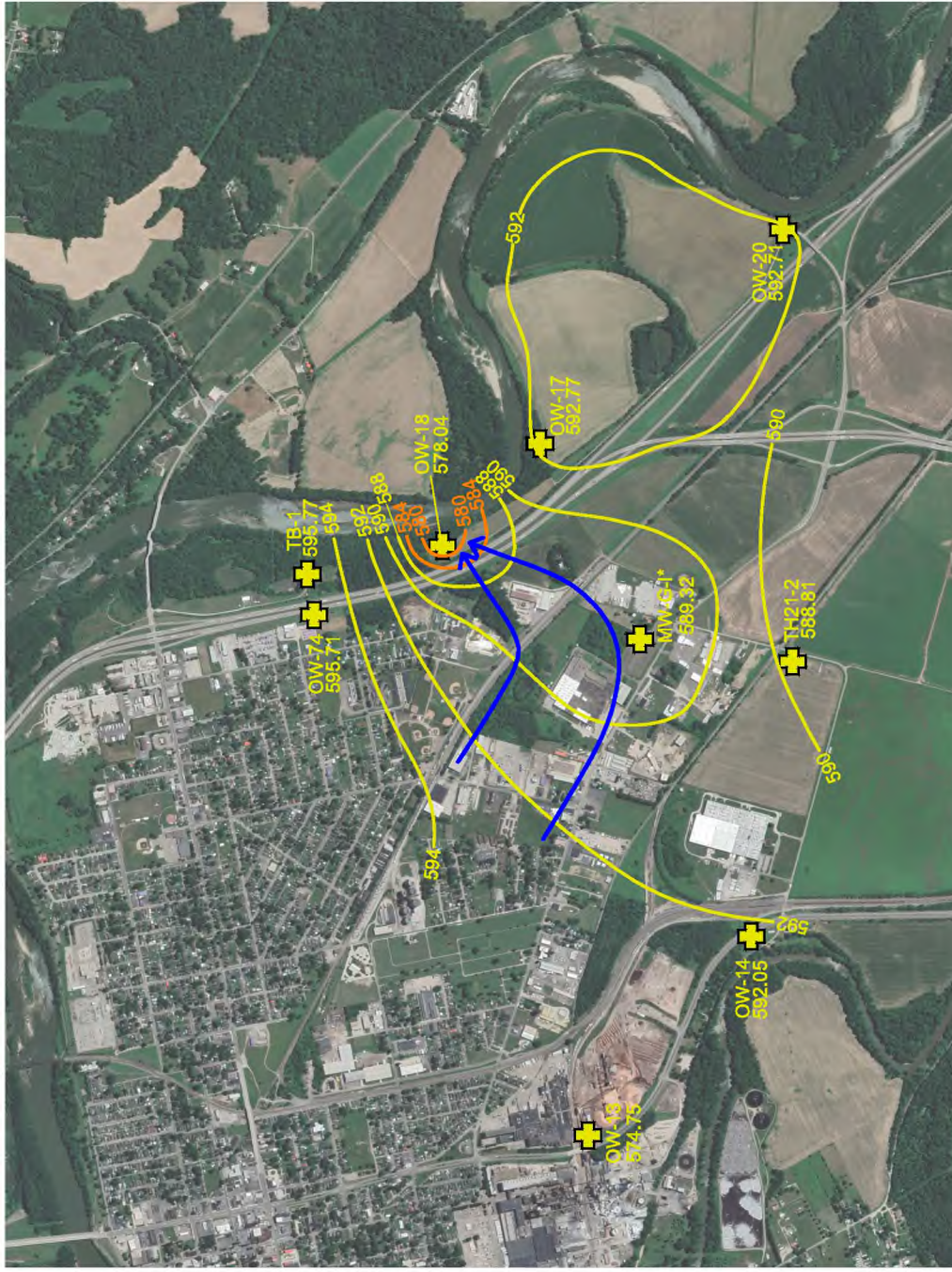
KEY ENVIRONMENTAL, INC.
200 THIRD AVENUE
CARNEGIE, PA 15106

SITE TOPOGRAPHIC LOCATION

PROJECT NO: 26-243

FIGURE 1





LEGEND

- 595.77
PIXELLE OBSERVATION WELL &
GROUNDWATER ELEVATION
- 2 FT INFERRED GW CONTOURS
- 4 FT INFERRED GW CONTOURS
- ON-SITE FLOW PATH

NOTE: MW-G-D GAUGING DATA WAS USED DUE TO AN ANOMALOUS MEASUREMENT AT MW-G-I.



HOWMET AEROSPACE, INC.			
DRAWN: SCD	DATE: 04/14/28	DATE: 04/14/28	DATE: 04/14/28
CHD: ECL	DATE: 04/14/28	DATE: 04/14/28	DATE: 04/14/28
APPD: AEP	DATE: 07/10/28	DATE: 07/10/28	DATE: 07/10/28
SCALE: 1" = 1500'			
HOWMET FORMER WEAREVER FACILITY CHILLICOTHE, OHIO			
EXPANDED PHYSICAL SURFACE OF MONITORING ZONE MARCH 9 AND 10, 2028			
PROJECT NO. 28-243 FIGURE 3			

REFERENCE 1. APPROXIMATE LOCATIONS OF PIXELLE COLLECTOR WELLS AND OBSERVATION WELLS OBTAINED FROM 2020 ANNUAL REPORT -COLLECTOR WELL PERFORMANCE AND WATER LEVEL MONITORING
2. AERIAL OBTAINED FROM GOOGLE EARTH

ISSUE DATE:	DATE:
REV #	DATE
APPD	

REV #	DATE	DESCRIPTION

Figure 4
Hydrograph - Groundwater Level Recorders
December 12, 2012 - March 10, 2025

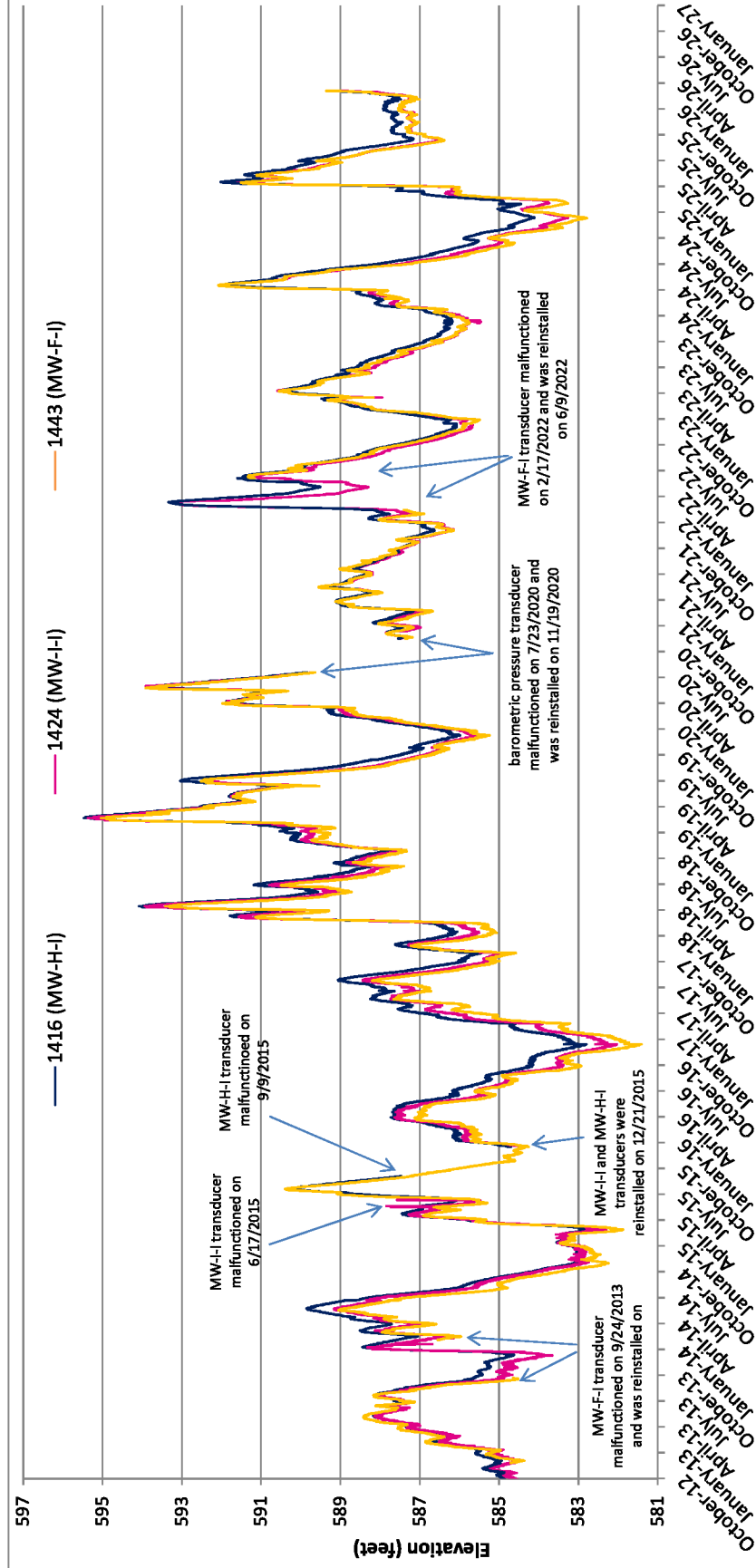


Figure 5
MW-D-S TCE Concentration vs Time

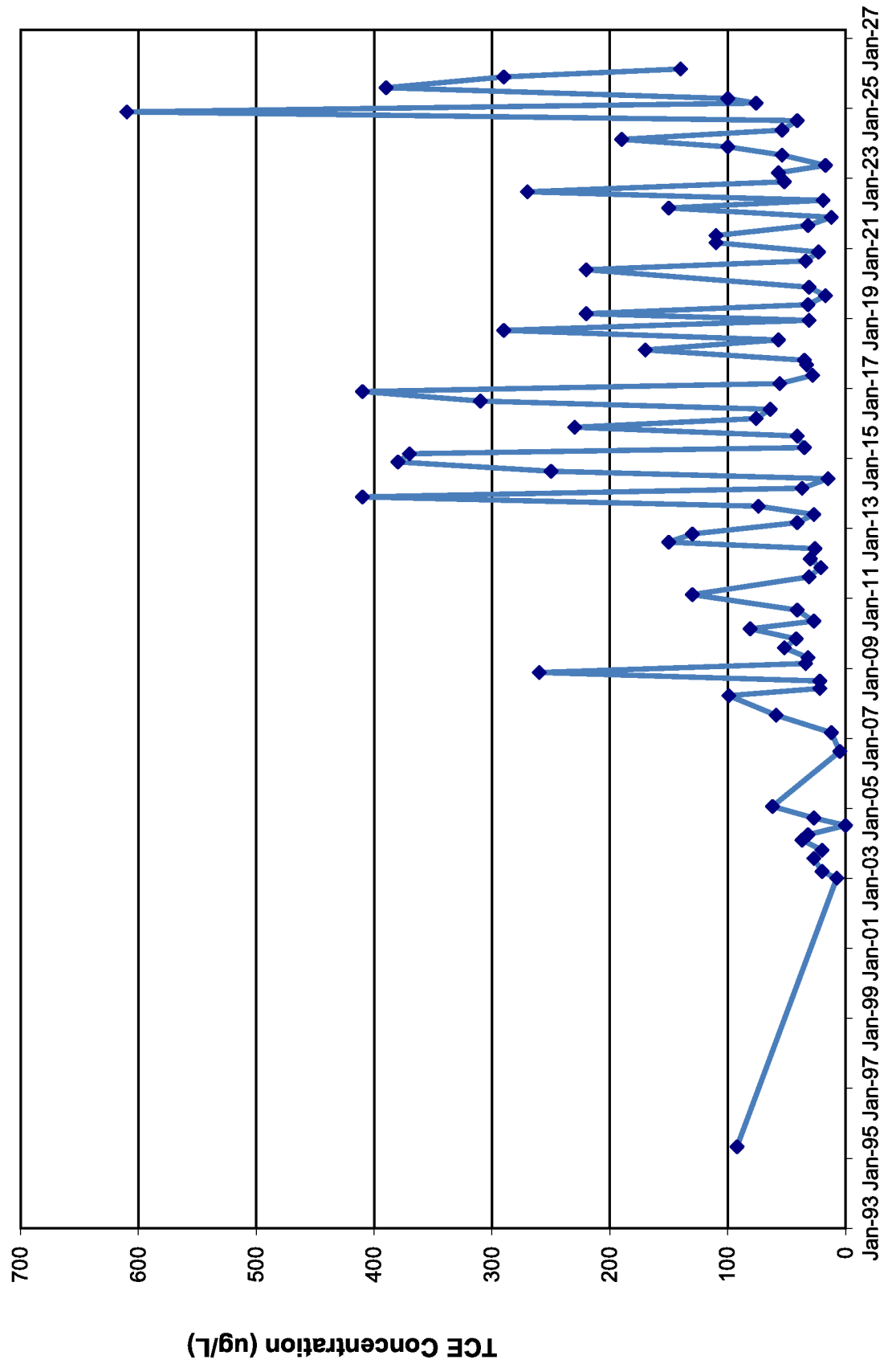


Figure 6
MW-I-S TCE Concentration vs Time

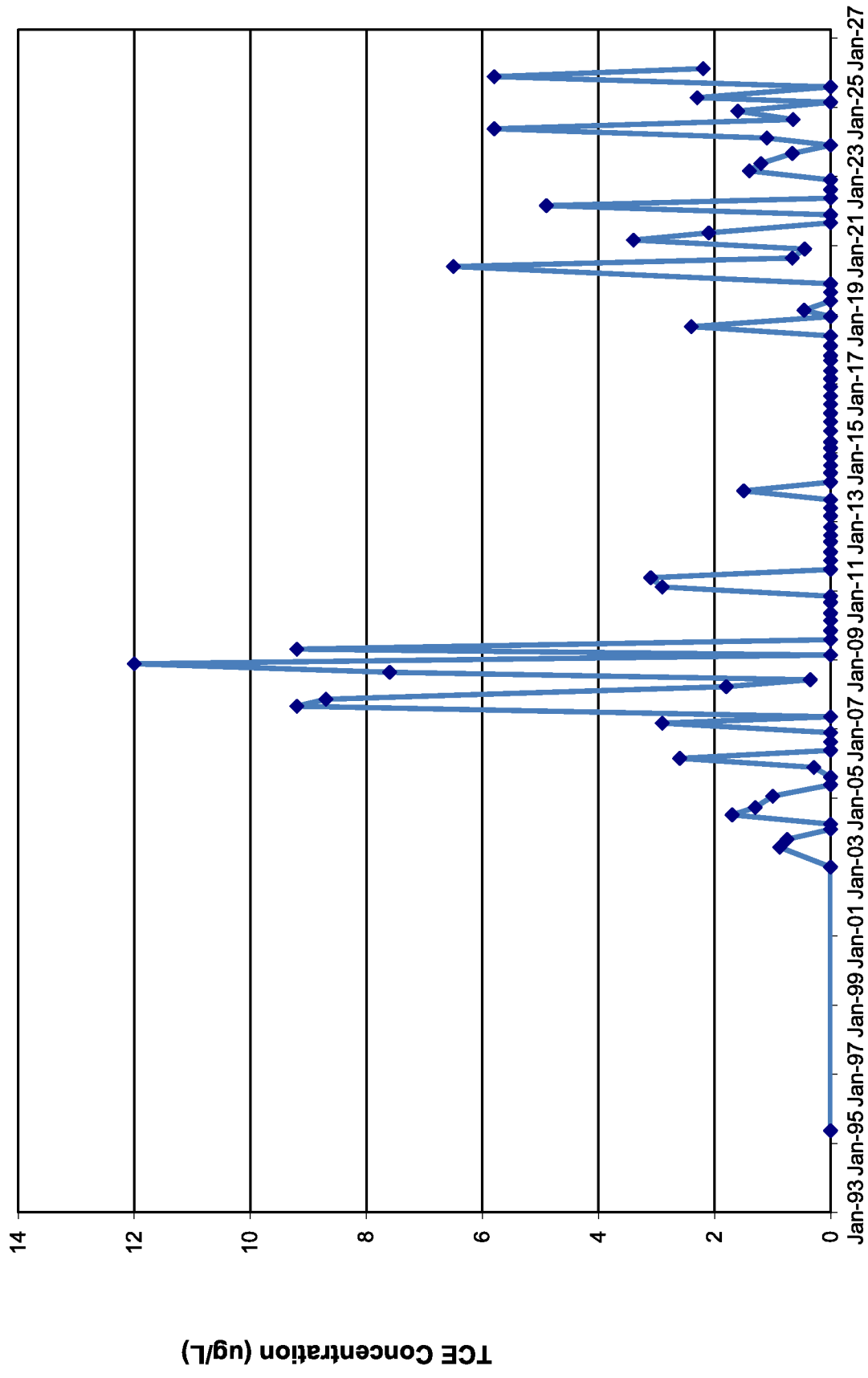


Figure 7
MW-C-I Cis-1,2-DCE and Vinyl Chloride Concentration vs Time

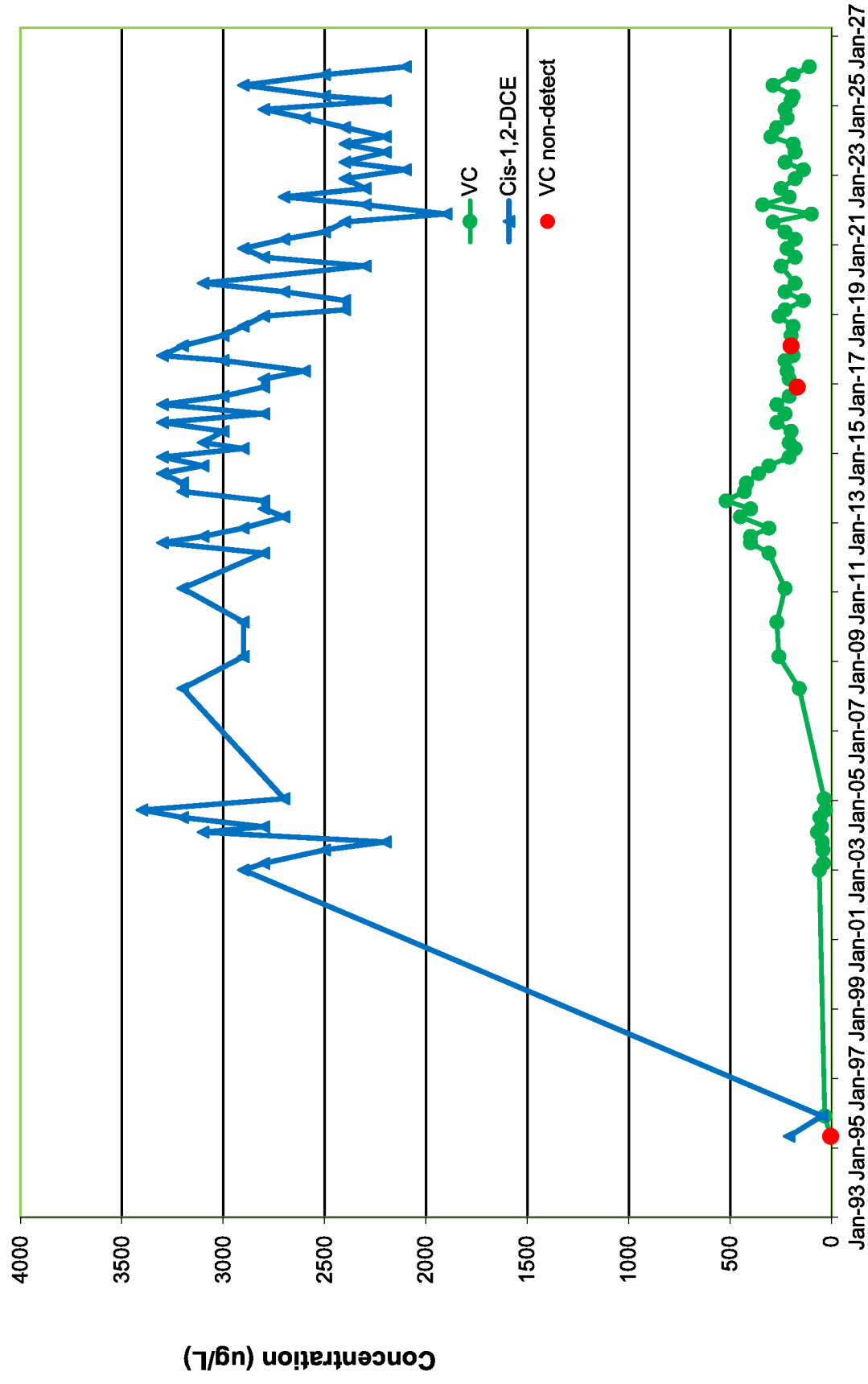
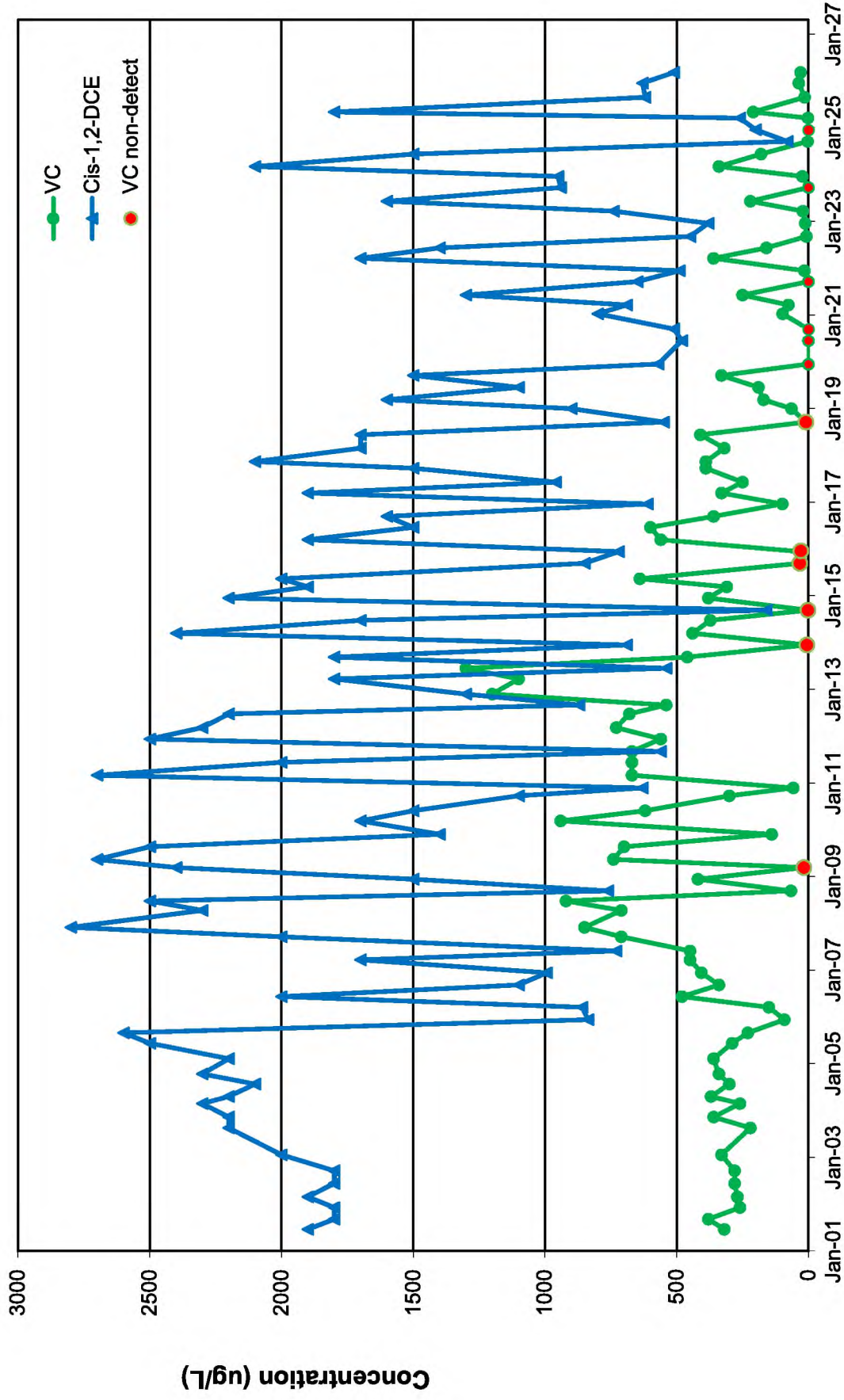
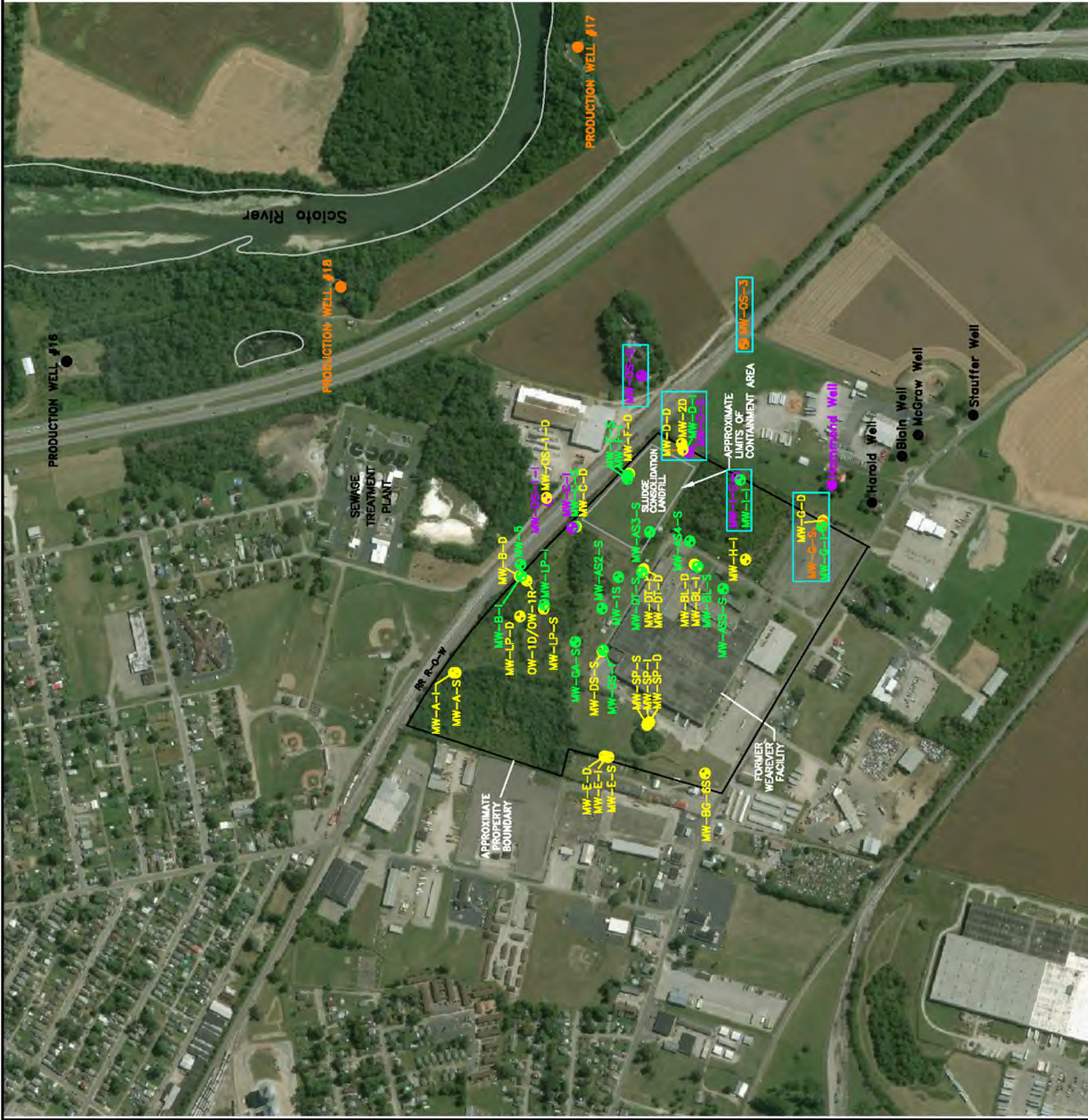


Figure 8
MW-OS-1-I Cis-1,2-DCE and Vinyl Chloride Concentration vs Time



APPENDIX A

Figure 2 and Table 1 from Groundwater Monitoring Plan



LEGEND

- RESIDENTIAL MONITORING WELL
- HOWMET WEARER FACILITY MONITORING WELL
- INDUSTRIAL WATER SUPPLY WELL
- QUARTERLY SAMPLING LOCATION
- SEMIANNUAL SAMPLING LOCATION
- RESIDUAL SOURCE AREA (ANNUAL) SAMPLING LOCATION
- TEMPORARY QUARTERLY MONITORING WELL



HOWMET AEROSPACE INC.

DRWN: SDC	DATE: 12/31/20
CHRD: TDS	DATE: 12/31/20
APPD: TDS	DATE: 07/29/21
SCALE	AS SHOWN

HOWMET FORMER WEARER FACILITY
CHILLICOTHE, OHIO

LOCATION OF ONSITE AND
OFFSITE MONITORING POINTS

FIGURE 2

NOTE:
BASEMAP AND WELL LOCATIONS ADAPTED FROM
DWC NO. 884030-B2, IT CORPORATION, 6/27/00.

REFERENCE TEMPORARY QUARTERLY MONITORING WELLS AS DESIGNATED IN HOWMET TEMPORARY GWMP MODIFICATION LETTER TO OSPA DATED MARCH 12, 2021.

ISSUE DATE

NEW ENVIRONMENTAL INC.
CHILLICOTHE, OHIO

APPD

DATE

DESCRIPTION

TABLE 1
GROUNDWATER MONITORING SUMMARY

MONITORING WELL NO.	QUARTERLY			SEMIANNUAL		ANNUAL	
	(MARCH, JUNE, SEPTEMBER, DECEMBER)			IN ADDITION TO QUARTERLY MONITORING (MARCH, SEPTEMBER)		IN ADDITION TO QUARTERLY AND SEMIANNUAL MONITORING (MARCH)	
	DOWNLOAD AUTOMATED GROUNDWATER LEVELS	GROUNDWATER LEVELS FOR FLOW DIRECTION, INTERMEDIATE ZONE	GROUNDWATER SAMPLING FOR PLUME LOCATION (VOCS) ¹	GROUNDWATER LEVELS FOR FLOW DIRECTION, ALL ZONES	GROUNDWATER SAMPLING FOR PLUME LOCATION (VOCS) ¹	OBTAIN FLOW RATES FROM CHILLICOTHE PAPER INDUSTRIAL WELLS ²	GROUNDWATER SAMPLING FOR REMEDIAL SOURCE AREA MONITORING (VOCS) ¹
Up Gradient							
MW-BG-S							
MW-E-S				X			
MW-E-I		X					
MW-E-D				X			
Sludge Pit							
MW-SP-S							
MW-SP-I							
MW-SP-D							
Drum Storage							
MW-DS-S				X			
MW-DS-I		X					X
MW-DS-D							
Draw Tank							
MW-DT-S				X			X
MW-DT-I		X					
MW-DT-D				X			
Leach Pit							
MW-LP-S							
MW-LP-I							X
MW-LP-D							
Building Perimeter							
MW-TS							X
MW-AS2-S							X
MW-AS3-S							X
MW-AS4-S							X
MW-AS5-S							X
MW-BL-S				X			X
MW-BL-I		X					
MW-BL-D				X			
MW-GA-S							X
MW-H-I	X	X			*		

TABLE 1
GROUNDWATER MONITORING SUMMARY

MONITORING WELL NO.	QUARTERLY			SEMIANNUAL		ANNUAL	
	(MARCH, JUNE, SEPTEMBER, DECEMBER)			IN ADDITION TO QUARTERLY MONITORING (MARCH, SEPTEMBER)		IN ADDITION TO QUARTERLY AND SEMIANNUAL MONITORING (MARCH)	
	DOWNLOAD AUTOMATED GROUNDWATER LEVELS	GROUNDWATER LEVELS FOR FLOW DIRECTION, INTERMEDIATE ZONE	GROUNDWATER SAMPLING FOR PLUME LOCATION (VOCs) ¹	GROUNDWATER LEVELS FOR FLOW DIRECTION, ALL ZONES	GROUNDWATER SAMPLING FOR PLUME LOCATION (VOCs) ¹	OBTAIN FLOW RATES FROM CHILLICOTHE PAPER INDUSTRIAL WELLS ²	GROUNDWATER SAMPLING FOR REMEDIAL SOURCE AREA MONITORING (VOCs) ¹
Property Line Perimeter							
MW-2D							
MW-5				X			X
MW-A-I		X					
MW-A-S				X			
MW-B-I		X					X
MW-B-D				X			
MW-C-S				X			X
MW-C-I		X	X				
MW-C-D				X			
MW-F-S				X			X
MW-F-I	X	X					X
MW-F-D				X			
MW-D-S		X	X				
MW-D-I		X					X
MW-D-D				X	*		
MW-I-S		X	X				
MW-I-I	X	X					X
MW-G-S				X	X		
MW-G-I		X					X
MW-G-D				X			
OW-1D							
OW-1R							
Off Site Wells							
Hammond			**				
MW-OS-1-I		X	X				
MW-OS-1-D				X			
MW-OS-2		X	X				
MW-OS-3		X			X		
Chillicothe Paper Pumping Wells							
Chillicothe Paper 13						X	
Chillicothe Paper 14						X	
Chillicothe Paper 16						X	
Chillicothe Paper 17					X	X	
Chillicothe Paper 18					X	X	

Notes:

¹VOC analysis by USEPA SW-846 Method 8260B.

²Obtained annually from Chillicothe Paper's monthly data summary reports.

*Based on the revised 3rd 5 Year Review submitted by KEY and the corresponding OEPA approval letter on September 7, 2016, sampling is no longer required at wells MW-D-D and MW-H-I.

**Based on the revised 3rd 5 Year Review submitted by KEY and the corresponding OEPA approval letter on September 7, 2016, sampling is no longer required at the Hammond well, contingent upon ground water flow direction remaining north/northeastward away from the Hammond well.

APPENDIX B

Laboratory Results and Data Validation Report

ANALYTICAL REPORT

PREPARED FOR

Attn: Angela Gatchie
Key Environmental Inc
200 Third Avenue
Carnegie, Pennsylvania 15106

Generated 3/26/2026 12:38:30 AM

JOB DESCRIPTION

Alcoa - Wearever

JOB NUMBER

240-245220-1

Eurofins Cleveland

Job Notes

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Authorization



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3/26/2026 12:38:30 AM

Authorized for release by
Shali Brown, Project Manager II
Shali.Brown@et.eurofinsus.com
(615)301-5031

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QC Association Summary	50
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Certification Summary	56
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Definitions/Glossary

Client: Key Environmental Inc
Project/Site: Alcoa - Wearever

Job ID: 240-245220-1

Qualifiers

GC/MS VOA

Qualifier	Qualifier Description
F1	MS and/or MSD recovery exceeds control limits.
H	Sample was prepped or analyzed beyond the specified holding time. This does not meet regulatory requirements.
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

Case Narrative

Client: Key Environmental Inc
Project: Alcoa - Wearever

Job ID: 240-245220-1

Job ID: 240-245220-1

Eurofins Cleveland

Job Narrative 240-245220-1

The analytical test results presented in this report meet all requirements of the associated regulatory program listed on the Accreditation/Certification Summary Page, unless otherwise noted. Data qualifiers and/or narrative comments are included to explain any exceptions, if applicable. Regulated compliance samples (e.g. SDWA, NPDES) must comply with associated agency requirements/permits.

- Matrix-specific batch QC (e.g., MS, MSD, SD) may not be reported when insufficient sample volume is available or when site-specific QC samples are not submitted. In such cases, a Laboratory Control Sample Duplicate (LCSD) may be analyzed to provide precision data for the batch.
- For samples analyzed using surrogate and/or isotope dilution analytes, any recoveries falling outside of established acceptance criteria are re-prepared and/or re-analyzed to confirm results, unless the deviation is due to sample dilution or otherwise explained in the case narrative.

Receipt

The samples were received on 3/10/2026 10:00 AM. Unless otherwise noted below, the samples arrived in good condition, and, where required, properly preserved and on ice. The temperature of the cooler at receipt time was 2.2°C.

GC/MS VOA

Method 8260D: The continuing calibration verification (CCV) associated with batch 240-694084 recovered above the upper control limit for Hexane. The samples associated with this CCV were non-detects for the affected analytes; therefore, the data have been reported.

Method 8260D: The method requirement for no headspace was not met. The following volatile samples were analyzed with significant headspace in the sample container(s): MW-LP-I (240-245220-3), MW-AS3-S (240-245220-6), MW-AS4-S (240-245220-7), MW-C-I (240-245220-14), MW-D-S (240-245220-17) and MW-D-S MSD (240-245220-17[MSD]). Significant headspace is defined as a bubble greater than 6 mm in diameter.

Method 8260D: An MS/MSD was analyzed in 240-694497 however the original sample had a surrogate failure. Batch QC will be reported but the sample and MS/MSD will be reanalyzed. The affected samples are MW-D-I (240-245220-18), MW-I-S (240-245220-19), MW-I-I (240-245220-20), MW-G-S (240-245220-21), MW-G-I (240-245220-22), MW-OS-2 (240-245220-23), MW-OS-3 (240-245220-24), M-99 (240-245220-25), TB-1 (240-245220-26), (240-245329-C-1), (240-245329-C-1 MS) and (240-245329-C-1 MSD).

Method 8260D: The continuing calibration verification (CCV) analyzed in batch 240-694497 was outside the method criteria for the following analyte(s): Chloromethane. A CCV standard at or below the reporting limit (RL) was analyzed with the affected samples and found to be acceptable. As indicated in the reference method, sample analysis may proceed; however, any detection for the affected analyte(s) is considered estimated.

Method 8260D: The following sample was analyzed outside of analytical holding time due to conformation of analyte(s): MW-1S (240-245220-4).

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

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Method Summary

Client: Key Environmental Inc
Project/Site: Alcoa - Wearever

Job ID: 240-245220-1

Method	Method Description	Protocol	Laboratory
8260D	Volatile Organic Compounds by GC/MS	SW846	EET CLE
5030C	Purge and Trap	SW846	EET CLE

Protocol References:

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

Laboratory References:

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

Sample Summary

Client: Key Environmental Inc
Project/Site: Alcoa - Wearever

Job ID: 240-245220-1

Lab Sample ID	Client Sample ID	Matrix	Collected	Received	Sample Origin
240-245220-1	MW-DS-I	Water	03/09/26 10:50	03/10/26 10:00	Ohio
240-245220-2	MW-DT-S	Water	03/09/26 12:15	03/10/26 10:00	Ohio
240-245220-3	MW-LP-I	Water	03/09/26 11:55	03/10/26 10:00	Ohio
240-245220-4	MW-1S	Water	03/09/26 12:20	03/10/26 10:00	Ohio
240-245220-5	MW-AS2-S	Water	03/09/26 12:00	03/10/26 10:00	Ohio
240-245220-6	MW-AS3-S	Water	03/09/26 14:20	03/10/26 10:00	Ohio
240-245220-7	MW-AS4-S	Water	03/09/26 13:10	03/10/26 10:00	Ohio
240-245220-8	MW-AS5-S	Water	03/09/26 12:45	03/10/26 10:00	Ohio
240-245220-9	MW-BL-S	Water	03/09/26 12:30	03/10/26 10:00	Ohio
240-245220-10	MW-GA-S	Water	03/09/26 15:10	03/10/26 10:00	Ohio
240-245220-11	MW-5	Water	03/09/26 16:15	03/10/26 10:00	Ohio
240-245220-12	MW-B-I	Water	03/09/26 11:20	03/10/26 10:00	Ohio
240-245220-13	MW-C-S	Water	03/09/26 11:35	03/10/26 10:00	Ohio
240-245220-14	MW-C-I	Water	03/09/26 11:40	03/10/26 10:00	Ohio
240-245220-15	MW-F-S	Water	03/09/26 14:20	03/10/26 10:00	Ohio
240-245220-16	MW-F-I	Water	03/09/26 14:25	03/10/26 10:00	Ohio
240-245220-17	MW-D-S	Water	03/09/26 14:40	03/10/26 10:00	Ohio
240-245220-18	MW-D-I	Water	03/09/26 14:35	03/10/26 10:00	Ohio
240-245220-19	MW-I-S	Water	03/09/26 13:30	03/10/26 10:00	Ohio
240-245220-20	MW-I-I	Water	03/09/26 13:25	03/10/26 10:00	Ohio
240-245220-21	MW-G-S	Water	03/09/26 15:20	03/10/26 10:00	Ohio
240-245220-22	MW-G-I	Water	03/09/26 15:25	03/10/26 10:00	Ohio
240-245220-23	MW-OS-2	Water	03/09/26 16:35	03/10/26 10:00	Ohio
240-245220-24	MW-OS-3	Water	03/09/26 16:45	03/10/26 10:00	Ohio
240-245220-25	M-99	Water	03/09/26 12:01	03/10/26 10:00	Ohio
240-245220-26	TB-1	Water	03/09/26 18:00	03/10/26 10:00	Ohio

Detection Summary

Client: Key Environmental Inc
Project/Site: Alcoa - Wearever

Job ID: 240-245220-1

Client Sample ID: MW-DS-I

Lab Sample ID: 240-245220-1

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Acetone	7.2	J	10	5.4	ug/L	1		8260D	Total/NA
cis-1,2-Dichloroethene	1.8		1.0	0.46	ug/L	1		8260D	Total/NA
2-Butanone (MEK)	7.3	J	10	4.2	ug/L	1		8260D	Total/NA
Trichloroethene	3.3		1.0	0.44	ug/L	1		8260D	Total/NA

Client Sample ID: MW-DT-S

Lab Sample ID: 240-245220-2

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
1,1,1-Trichloroethane	8.5		1.0	0.48	ug/L	1		8260D	Total/NA
Acetone	140		10	5.4	ug/L	1		8260D	Total/NA
cis-1,2-Dichloroethene	1.5		1.0	0.46	ug/L	1		8260D	Total/NA
Tetrachloroethene	0.76	J	1.0	0.44	ug/L	1		8260D	Total/NA
Trichloroethene	790		2.0	0.88	ug/L	2		8260D	Total/NA

Client Sample ID: MW-LP-I

Lab Sample ID: 240-245220-3

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
1,1-Dichloroethene	0.67	J	1.0	0.49	ug/L	1		8260D	Total/NA
Acetone	230		10	5.4	ug/L	1		8260D	Total/NA
cis-1,2-Dichloroethene	56		1.0	0.46	ug/L	1		8260D	Total/NA
2-Butanone (MEK)	9.1	J	10	4.2	ug/L	1		8260D	Total/NA
trans-1,2-Dichloroethene	2.3		1.0	0.51	ug/L	1		8260D	Total/NA
Trichloroethene	860		2.0	0.88	ug/L	2		8260D	Total/NA

Client Sample ID: MW-1S

Lab Sample ID: 240-245220-4

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Acetone	300		10	5.4	ug/L	1		8260D	Total/NA
cis-1,2-Dichloroethene	23		1.0	0.46	ug/L	1		8260D	Total/NA
Trichloroethene	4.2		1.0	0.44	ug/L	1		8260D	Total/NA
Acetone - RA	320	H	10	5.4	ug/L	1		8260D	Total/NA
cis-1,2-Dichloroethene - RA	20	H	1.0	0.46	ug/L	1		8260D	Total/NA
Trichloroethene - RA	2.5	H	1.0	0.44	ug/L	1		8260D	Total/NA

Client Sample ID: MW-AS2-S

Lab Sample ID: 240-245220-5

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Acetone	57		10	5.4	ug/L	1		8260D	Total/NA
cis-1,2-Dichloroethene	80		1.0	0.46	ug/L	1		8260D	Total/NA
2-Butanone (MEK)	8.4	J	10	4.2	ug/L	1		8260D	Total/NA
trans-1,2-Dichloroethene	9.0		1.0	0.51	ug/L	1		8260D	Total/NA
Trichloroethene	110		1.0	0.44	ug/L	1		8260D	Total/NA

Client Sample ID: MW-AS3-S

Lab Sample ID: 240-245220-6

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
1,1,1-Trichloroethane	8.9		1.0	0.48	ug/L	1		8260D	Total/NA
1,1-Dichloroethane	1.5		1.0	0.47	ug/L	1		8260D	Total/NA
Acetone	6.7	J	10	5.4	ug/L	1		8260D	Total/NA
cis-1,2-Dichloroethene	27		1.0	0.46	ug/L	1		8260D	Total/NA
2-Butanone (MEK)	4.3	J	10	4.2	ug/L	1		8260D	Total/NA
trans-1,2-Dichloroethene	2.7		1.0	0.51	ug/L	1		8260D	Total/NA
Trichloroethene	690		2.0	0.88	ug/L	2		8260D	Total/NA

This Detection Summary does not include radiochemical test results.

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Detection Summary

Client: Key Environmental Inc
Project/Site: Alcoa - Wearever

Job ID: 240-245220-1

Client Sample ID: MW-AS4-S

Lab Sample ID: 240-245220-7

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Acetone	6.6	J	10	5.4	ug/L	1		8260D	Total/NA
cis-1,2-Dichloroethene	11		1.0	0.46	ug/L	1		8260D	Total/NA
Tetrachloroethene	3.0		1.0	0.44	ug/L	1		8260D	Total/NA
trans-1,2-Dichloroethene	1.1		1.0	0.51	ug/L	1		8260D	Total/NA
Trichloroethene	570		2.0	0.88	ug/L	2		8260D	Total/NA

Client Sample ID: MW-AS5-S

Lab Sample ID: 240-245220-8

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Acetone	9.4	J	10	5.4	ug/L	1		8260D	Total/NA
cis-1,2-Dichloroethene	4.3		1.0	0.46	ug/L	1		8260D	Total/NA
trans-1,2-Dichloroethene	0.98	J	1.0	0.51	ug/L	1		8260D	Total/NA
Trichloroethene	310		1.0	0.44	ug/L	1		8260D	Total/NA

Client Sample ID: MW-BL-S

Lab Sample ID: 240-245220-9

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Acetone	7.1	J	10	5.4	ug/L	1		8260D	Total/NA
cis-1,2-Dichloroethene	6.6		1.0	0.46	ug/L	1		8260D	Total/NA
trans-1,2-Dichloroethene	0.80	J	1.0	0.51	ug/L	1		8260D	Total/NA
Trichloroethene	310		1.0	0.44	ug/L	1		8260D	Total/NA

Client Sample ID: MW-GA-S

Lab Sample ID: 240-245220-10

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
1,1-Dichloroethene	0.96	J	1.0	0.49	ug/L	1		8260D	Total/NA
Acetone	160		10	5.4	ug/L	1		8260D	Total/NA
cis-1,2-Dichloroethene	99		1.0	0.46	ug/L	1		8260D	Total/NA
2-Butanone (MEK)	9.2	J	10	4.2	ug/L	1		8260D	Total/NA
trans-1,2-Dichloroethene	6.7		1.0	0.51	ug/L	1		8260D	Total/NA
Trichloroethene	280		1.0	0.44	ug/L	1		8260D	Total/NA

Client Sample ID: MW-5

Lab Sample ID: 240-245220-11

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
1,1-Dichloroethene	0.63	J	1.0	0.49	ug/L	1		8260D	Total/NA
Acetone	30		10	5.4	ug/L	1		8260D	Total/NA
cis-1,2-Dichloroethene	92		1.0	0.46	ug/L	1		8260D	Total/NA
2-Butanone (MEK)	7.6	J	10	4.2	ug/L	1		8260D	Total/NA
trans-1,2-Dichloroethene	1.2		1.0	0.51	ug/L	1		8260D	Total/NA
Trichloroethene	240		1.0	0.44	ug/L	1		8260D	Total/NA

Client Sample ID: MW-B-I

Lab Sample ID: 240-245220-12

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Acetone	190		10	5.4	ug/L	1		8260D	Total/NA
cis-1,2-Dichloroethene	24		1.0	0.46	ug/L	1		8260D	Total/NA
2-Butanone (MEK)	4.4	J	10	4.2	ug/L	1		8260D	Total/NA
trans-1,2-Dichloroethene	0.98	J	1.0	0.51	ug/L	1		8260D	Total/NA
Trichloroethene	75		1.0	0.44	ug/L	1		8260D	Total/NA

This Detection Summary does not include radiochemical test results.

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Detection Summary

Client: Key Environmental Inc
Project/Site: Alcoa - Wearever

Job ID: 240-245220-1

Client Sample ID: MW-C-S

Lab Sample ID: 240-245220-13

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
1,1-Dichloroethene	0.55	J	1.0	0.49	ug/L	1		8260D	Total/NA
Acetone	170		10	5.4	ug/L	1		8260D	Total/NA
cis-1,2-Dichloroethene	55		1.0	0.46	ug/L	1		8260D	Total/NA
2-Butanone (MEK)	6.9	J	10	4.2	ug/L	1		8260D	Total/NA
trans-1,2-Dichloroethene	4.1		1.0	0.51	ug/L	1		8260D	Total/NA
Trichloroethene	170		1.0	0.44	ug/L	1		8260D	Total/NA

Client Sample ID: MW-C-I

Lab Sample ID: 240-245220-14

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
1,1-Dichloroethene	130		1.0	0.49	ug/L	1		8260D	Total/NA
Acetone	22		10	5.4	ug/L	1		8260D	Total/NA
cis-1,2-Dichloroethene	2100		6.7	3.1	ug/L	6.667		8260D	Total/NA
trans-1,2-Dichloroethene	46		1.0	0.51	ug/L	1		8260D	Total/NA
Trichloroethene	470		6.7	2.9	ug/L	6.667		8260D	Total/NA
Vinyl chloride	110		1.0	0.45	ug/L	1		8260D	Total/NA

Client Sample ID: MW-F-S

Lab Sample ID: 240-245220-15

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
1,1-Dichloroethane	3.1		2.0	0.94	ug/L	2		8260D	Total/NA
1,1-Dichloroethene	1.9	J	2.0	0.98	ug/L	2		8260D	Total/NA
Acetone	11	J	20	11	ug/L	2		8260D	Total/NA
cis-1,2-Dichloroethene	190		2.0	0.92	ug/L	2		8260D	Total/NA
2-Butanone (MEK)	14	J	20	8.3	ug/L	2		8260D	Total/NA
trans-1,2-Dichloroethene	9.8		2.0	1.0	ug/L	2		8260D	Total/NA
Trichloroethene	720		2.0	0.88	ug/L	2		8260D	Total/NA
Vinyl chloride	48		2.0	0.90	ug/L	2		8260D	Total/NA

Client Sample ID: MW-F-I

Lab Sample ID: 240-245220-16

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
1,1-Dichloroethane	0.85	J	1.0	0.47	ug/L	1		8260D	Total/NA
Acetone	7.7	J	10	5.4	ug/L	1		8260D	Total/NA
cis-1,2-Dichloroethene	35		1.0	0.46	ug/L	1		8260D	Total/NA
trans-1,2-Dichloroethene	3.1		1.0	0.51	ug/L	1		8260D	Total/NA
Trichloroethene	0.57	J	1.0	0.44	ug/L	1		8260D	Total/NA
Vinyl chloride	0.80	J	1.0	0.45	ug/L	1		8260D	Total/NA

Client Sample ID: MW-D-S

Lab Sample ID: 240-245220-17

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Acetone	75		10	5.4	ug/L	1		8260D	Total/NA
cis-1,2-Dichloroethene	9.0		1.0	0.46	ug/L	1		8260D	Total/NA
2-Butanone (MEK)	9.4	J	10	4.2	ug/L	1		8260D	Total/NA
trans-1,2-Dichloroethene	0.56	J	1.0	0.51	ug/L	1		8260D	Total/NA
Trichloroethene	140	F1	1.0	0.44	ug/L	1		8260D	Total/NA

Client Sample ID: MW-D-I

Lab Sample ID: 240-245220-18

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Acetone	16		10	5.4	ug/L	1		8260D	Total/NA
cis-1,2-Dichloroethene	0.69	J	1.0	0.46	ug/L	1		8260D	Total/NA

This Detection Summary does not include radiochemical test results.

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Detection Summary

Client: Key Environmental Inc
Project/Site: Alcoa - Wearever

Job ID: 240-245220-1

Client Sample ID: MW-I-S

Lab Sample ID: 240-245220-19

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Acetone	22		10	5.4	ug/L	1		8260D	Total/NA
Trichloroethene	2.2		1.0	0.44	ug/L	1		8260D	Total/NA

Client Sample ID: MW-I-I

Lab Sample ID: 240-245220-20

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Acetone	39		10	5.4	ug/L	1		8260D	Total/NA
2-Butanone (MEK)	4.5	J	10	4.2	ug/L	1		8260D	Total/NA

Client Sample ID: MW-G-S

Lab Sample ID: 240-245220-21

No Detections.

Client Sample ID: MW-G-I

Lab Sample ID: 240-245220-22

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Acetone	110		10	5.4	ug/L	1		8260D	Total/NA
2-Butanone (MEK)	4.2	J	10	4.2	ug/L	1		8260D	Total/NA

Client Sample ID: MW-OS-2

Lab Sample ID: 240-245220-23

No Detections.

Client Sample ID: MW-OS-3

Lab Sample ID: 240-245220-24

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Acetone	7.4	J	10	5.4	ug/L	1		8260D	Total/NA

Client Sample ID: M-99

Lab Sample ID: 240-245220-25

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Acetone	21		10	5.4	ug/L	1		8260D	Total/NA

Client Sample ID: TB-1

Lab Sample ID: 240-245220-26

No Detections.

This Detection Summary does not include radiochemical test results.

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Client Sample Results

Client: Key Environmental Inc
Project/Site: Alcoa - Wearever

Job ID: 240-245220-1

Client Sample ID: MW-DS-I

Lab Sample ID: 240-245220-1

Date Collected: 03/09/26 10:50

Matrix: Water

Date Received: 03/10/26 10:00

Method: SW846 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		1.0	0.48	ug/L			03/17/26 23:54	1
1,1,2,2-Tetrachloroethane	ND		1.0	0.60	ug/L			03/17/26 23:54	1
1,1,2-Trichloroethane	ND		1.0	0.48	ug/L			03/17/26 23:54	1
1,1-Dichloroethane	ND		1.0	0.47	ug/L			03/17/26 23:54	1
1,1-Dichloroethene	ND		1.0	0.49	ug/L			03/17/26 23:54	1
1,2-Dichloroethane	ND		1.0	0.46	ug/L			03/17/26 23:54	1
1,2-Dichloropropane	ND		1.0	0.47	ug/L			03/17/26 23:54	1
2-Hexanone	ND		10	1.1	ug/L			03/17/26 23:54	1
Acetone	7.2	J	10	5.4	ug/L			03/17/26 23:54	1
Benzene	ND		1.0	0.42	ug/L			03/17/26 23:54	1
Bromoform	ND		1.0	0.76	ug/L			03/17/26 23:54	1
Bromomethane	ND		2.0	1.1	ug/L			03/17/26 23:54	1
Carbon disulfide	ND		1.0	0.59	ug/L			03/17/26 23:54	1
Carbon tetrachloride	ND		1.0	0.26	ug/L			03/17/26 23:54	1
Chlorobenzene	ND		1.0	0.38	ug/L			03/17/26 23:54	1
Chloroethane	ND		1.0	0.83	ug/L			03/17/26 23:54	1
Chloroform	ND		1.0	0.47	ug/L			03/17/26 23:54	1
Chloromethane	ND		1.0	0.63	ug/L			03/17/26 23:54	1
cis-1,2-Dichloroethene	1.8		1.0	0.46	ug/L			03/17/26 23:54	1
cis-1,3-Dichloropropene	ND		1.0	0.61	ug/L			03/17/26 23:54	1
Dichlorobromomethane	ND		1.0	0.38	ug/L			03/17/26 23:54	1
Ethylbenzene	ND		1.0	0.42	ug/L			03/17/26 23:54	1
Hexane	ND		2.0	1.9	ug/L			03/17/26 23:54	1
m-Xylene & p-Xylene	ND		2.0	0.42	ug/L			03/17/26 23:54	1
2-Butanone (MEK)	7.3	J	10	4.2	ug/L			03/17/26 23:54	1
4-Methyl-2-pentanone (MIBK)	ND		10	0.99	ug/L			03/17/26 23:54	1
Methylene Chloride	ND		5.0	2.6	ug/L			03/17/26 23:54	1
o-Xylene	ND		1.0	0.42	ug/L			03/17/26 23:54	1
Styrene	ND		1.0	0.45	ug/L			03/17/26 23:54	1
Tetrachloroethene	ND		1.0	0.44	ug/L			03/17/26 23:54	1
Toluene	ND		1.0	0.44	ug/L			03/17/26 23:54	1
trans-1,2-Dichloroethene	ND		1.0	0.51	ug/L			03/17/26 23:54	1
trans-1,3-Dichloropropene	ND		1.0	0.67	ug/L			03/17/26 23:54	1
Trichloroethene	3.3		1.0	0.44	ug/L			03/17/26 23:54	1
Vinyl chloride	ND		1.0	0.45	ug/L			03/17/26 23:54	1
Xylenes, Total	ND		2.0	0.42	ug/L			03/17/26 23:54	1
Chlorodibromomethane	ND		1.0	0.39	ug/L			03/17/26 23:54	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	100		62 - 137		03/17/26 23:54	1
4-Bromofluorobenzene (Surr)	94		56 - 136		03/17/26 23:54	1
Toluene-d8 (Surr)	96		78 - 122		03/17/26 23:54	1
Dibromofluoromethane (Surr)	98		73 - 120		03/17/26 23:54	1

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Client Sample Results

Client: Key Environmental Inc
Project/Site: Alcoa - Wearever

Job ID: 240-245220-1

Client Sample ID: MW-DT-S

Lab Sample ID: 240-245220-2

Date Collected: 03/09/26 12:15

Matrix: Water

Date Received: 03/10/26 10:00

Method: SW846 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	8.5		1.0	0.48	ug/L			03/18/26 00:17	1
1,1,2,2-Tetrachloroethane	ND		1.0	0.60	ug/L			03/18/26 00:17	1
1,1,2-Trichloroethane	ND		1.0	0.48	ug/L			03/18/26 00:17	1
1,1-Dichloroethane	ND		1.0	0.47	ug/L			03/18/26 00:17	1
1,1-Dichloroethene	ND		1.0	0.49	ug/L			03/18/26 00:17	1
1,2-Dichloroethane	ND		1.0	0.46	ug/L			03/18/26 00:17	1
1,2-Dichloropropane	ND		1.0	0.47	ug/L			03/18/26 00:17	1
2-Hexanone	ND		10	1.1	ug/L			03/18/26 00:17	1
Acetone	140		10	5.4	ug/L			03/18/26 00:17	1
Benzene	ND		1.0	0.42	ug/L			03/18/26 00:17	1
Bromoform	ND		1.0	0.76	ug/L			03/18/26 00:17	1
Bromomethane	ND		2.0	1.1	ug/L			03/18/26 00:17	1
Carbon disulfide	ND		1.0	0.59	ug/L			03/18/26 00:17	1
Carbon tetrachloride	ND		1.0	0.26	ug/L			03/18/26 00:17	1
Chlorobenzene	ND		1.0	0.38	ug/L			03/18/26 00:17	1
Chloroethane	ND		1.0	0.83	ug/L			03/18/26 00:17	1
Chloroform	ND		1.0	0.47	ug/L			03/18/26 00:17	1
Chloromethane	ND		1.0	0.63	ug/L			03/18/26 00:17	1
cis-1,2-Dichloroethene	1.5		1.0	0.46	ug/L			03/18/26 00:17	1
cis-1,3-Dichloropropene	ND		1.0	0.61	ug/L			03/18/26 00:17	1
Dichlorobromomethane	ND		1.0	0.38	ug/L			03/18/26 00:17	1
Ethylbenzene	ND		1.0	0.42	ug/L			03/18/26 00:17	1
Hexane	ND		2.0	1.9	ug/L			03/18/26 00:17	1
m-Xylene & p-Xylene	ND		2.0	0.42	ug/L			03/18/26 00:17	1
2-Butanone (MEK)	ND		10	4.2	ug/L			03/18/26 00:17	1
4-Methyl-2-pentanone (MIBK)	ND		10	0.99	ug/L			03/18/26 00:17	1
Methylene Chloride	ND		5.0	2.6	ug/L			03/18/26 00:17	1
o-Xylene	ND		1.0	0.42	ug/L			03/18/26 00:17	1
Styrene	ND		1.0	0.45	ug/L			03/18/26 00:17	1
Tetrachloroethene	0.76 J		1.0	0.44	ug/L			03/18/26 00:17	1
Toluene	ND		1.0	0.44	ug/L			03/18/26 00:17	1
trans-1,2-Dichloroethene	ND		1.0	0.51	ug/L			03/18/26 00:17	1
trans-1,3-Dichloropropene	ND		1.0	0.67	ug/L			03/18/26 00:17	1
Trichloroethene	790		2.0	0.88	ug/L			03/18/26 12:31	2
Vinyl chloride	ND		1.0	0.45	ug/L			03/18/26 00:17	1
Xylenes, Total	ND		2.0	0.42	ug/L			03/18/26 00:17	1
Chlorodibromomethane	ND		1.0	0.39	ug/L			03/18/26 00:17	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	98		62 - 137		03/18/26 00:17	1
1,2-Dichloroethane-d4 (Surr)	100		62 - 137		03/18/26 12:31	2
4-Bromofluorobenzene (Surr)	95		56 - 136		03/18/26 00:17	1
4-Bromofluorobenzene (Surr)	95		56 - 136		03/18/26 12:31	2
Toluene-d8 (Surr)	96		78 - 122		03/18/26 00:17	1
Toluene-d8 (Surr)	97		78 - 122		03/18/26 12:31	2
Dibromofluoromethane (Surr)	95		73 - 120		03/18/26 00:17	1
Dibromofluoromethane (Surr)	98		73 - 120		03/18/26 12:31	2

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Client Sample Results

Client: Key Environmental Inc
Project/Site: Alcoa - Wearever

Job ID: 240-245220-1

Client Sample ID: MW-LP-I

Lab Sample ID: 240-245220-3

Date Collected: 03/09/26 11:55

Matrix: Water

Date Received: 03/10/26 10:00

Method: SW846 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		1.0	0.48	ug/L			03/18/26 00:41	1
1,1,1,2-Tetrachloroethane	ND		1.0	0.60	ug/L			03/18/26 00:41	1
1,1,2-Trichloroethane	ND		1.0	0.48	ug/L			03/18/26 00:41	1
1,1-Dichloroethane	ND		1.0	0.47	ug/L			03/18/26 00:41	1
1,1-Dichloroethene	0.67	J	1.0	0.49	ug/L			03/18/26 00:41	1
1,2-Dichloroethane	ND		1.0	0.46	ug/L			03/18/26 00:41	1
1,2-Dichloropropane	ND		1.0	0.47	ug/L			03/18/26 00:41	1
2-Hexanone	ND		10	1.1	ug/L			03/18/26 00:41	1
Acetone	230		10	5.4	ug/L			03/18/26 00:41	1
Benzene	ND		1.0	0.42	ug/L			03/18/26 00:41	1
Bromoform	ND		1.0	0.76	ug/L			03/18/26 00:41	1
Bromomethane	ND		2.0	1.1	ug/L			03/18/26 00:41	1
Carbon disulfide	ND		1.0	0.59	ug/L			03/18/26 00:41	1
Carbon tetrachloride	ND		1.0	0.26	ug/L			03/18/26 00:41	1
Chlorobenzene	ND		1.0	0.38	ug/L			03/18/26 00:41	1
Chloroethane	ND		1.0	0.83	ug/L			03/18/26 00:41	1
Chloroform	ND		1.0	0.47	ug/L			03/18/26 00:41	1
Chloromethane	ND		1.0	0.63	ug/L			03/18/26 00:41	1
cis-1,2-Dichloroethene	56		1.0	0.46	ug/L			03/18/26 00:41	1
cis-1,3-Dichloropropene	ND		1.0	0.61	ug/L			03/18/26 00:41	1
Dichlorobromomethane	ND		1.0	0.38	ug/L			03/18/26 00:41	1
Ethylbenzene	ND		1.0	0.42	ug/L			03/18/26 00:41	1
Hexane	ND		2.0	1.9	ug/L			03/18/26 00:41	1
m-Xylene & p-Xylene	ND		2.0	0.42	ug/L			03/18/26 00:41	1
2-Butanone (MEK)	9.1	J	10	4.2	ug/L			03/18/26 00:41	1
4-Methyl-2-pentanone (MIBK)	ND		10	0.99	ug/L			03/18/26 00:41	1
Methylene Chloride	ND		5.0	2.6	ug/L			03/18/26 00:41	1
o-Xylene	ND		1.0	0.42	ug/L			03/18/26 00:41	1
Styrene	ND		1.0	0.45	ug/L			03/18/26 00:41	1
Tetrachloroethene	ND		1.0	0.44	ug/L			03/18/26 00:41	1
Toluene	ND		1.0	0.44	ug/L			03/18/26 00:41	1
trans-1,2-Dichloroethene	2.3		1.0	0.51	ug/L			03/18/26 00:41	1
trans-1,3-Dichloropropene	ND		1.0	0.67	ug/L			03/18/26 00:41	1
Trichloroethene	860		2.0	0.88	ug/L			03/18/26 12:55	2
Vinyl chloride	ND		1.0	0.45	ug/L			03/18/26 00:41	1
Xylenes, Total	ND		2.0	0.42	ug/L			03/18/26 00:41	1
Chlorodibromomethane	ND		1.0	0.39	ug/L			03/18/26 00:41	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	101		62 - 137		03/18/26 00:41	1
1,2-Dichloroethane-d4 (Surr)	97		62 - 137		03/18/26 12:55	2
4-Bromofluorobenzene (Surr)	96		56 - 136		03/18/26 00:41	1
4-Bromofluorobenzene (Surr)	92		56 - 136		03/18/26 12:55	2
Toluene-d8 (Surr)	98		78 - 122		03/18/26 00:41	1
Toluene-d8 (Surr)	93		78 - 122		03/18/26 12:55	2
Dibromofluoromethane (Surr)	98		73 - 120		03/18/26 00:41	1
Dibromofluoromethane (Surr)	94		73 - 120		03/18/26 12:55	2

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Client Sample Results

Client: Key Environmental Inc
Project/Site: Alcoa - Wearever

Job ID: 240-245220-1

Client Sample ID: MW-1S

Lab Sample ID: 240-245220-4

Date Collected: 03/09/26 12:20

Matrix: Water

Date Received: 03/10/26 10:00

Method: SW846 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		1.0	0.48	ug/L			03/18/26 01:05	1
1,1,1,2-Tetrachloroethane	ND		1.0	0.60	ug/L			03/18/26 01:05	1
1,1,2-Trichloroethane	ND		1.0	0.48	ug/L			03/18/26 01:05	1
1,1-Dichloroethane	ND		1.0	0.47	ug/L			03/18/26 01:05	1
1,1-Dichloroethene	ND		1.0	0.49	ug/L			03/18/26 01:05	1
1,2-Dichloroethane	ND		1.0	0.46	ug/L			03/18/26 01:05	1
1,2-Dichloropropane	ND		1.0	0.47	ug/L			03/18/26 01:05	1
2-Hexanone	ND		10	1.1	ug/L			03/18/26 01:05	1
Acetone	300		10	5.4	ug/L			03/18/26 01:05	1
Benzene	ND		1.0	0.42	ug/L			03/18/26 01:05	1
Bromoform	ND		1.0	0.76	ug/L			03/18/26 01:05	1
Bromomethane	ND		2.0	1.1	ug/L			03/18/26 01:05	1
Carbon disulfide	ND		1.0	0.59	ug/L			03/18/26 01:05	1
Carbon tetrachloride	ND		1.0	0.26	ug/L			03/18/26 01:05	1
Chlorobenzene	ND		1.0	0.38	ug/L			03/18/26 01:05	1
Chloroethane	ND		1.0	0.83	ug/L			03/18/26 01:05	1
Chloroform	ND		1.0	0.47	ug/L			03/18/26 01:05	1
Chloromethane	ND		1.0	0.63	ug/L			03/18/26 01:05	1
cis-1,2-Dichloroethene	23		1.0	0.46	ug/L			03/18/26 01:05	1
cis-1,3-Dichloropropene	ND		1.0	0.61	ug/L			03/18/26 01:05	1
Dichlorobromomethane	ND		1.0	0.38	ug/L			03/18/26 01:05	1
Ethylbenzene	ND		1.0	0.42	ug/L			03/18/26 01:05	1
Hexane	ND		2.0	1.9	ug/L			03/18/26 01:05	1
m-Xylene & p-Xylene	ND		2.0	0.42	ug/L			03/18/26 01:05	1
2-Butanone (MEK)	ND		10	4.2	ug/L			03/18/26 01:05	1
4-Methyl-2-pentanone (MIBK)	ND		10	0.99	ug/L			03/18/26 01:05	1
Methylene Chloride	ND		5.0	2.6	ug/L			03/18/26 01:05	1
o-Xylene	ND		1.0	0.42	ug/L			03/18/26 01:05	1
Styrene	ND		1.0	0.45	ug/L			03/18/26 01:05	1
Tetrachloroethene	ND		1.0	0.44	ug/L			03/18/26 01:05	1
Toluene	ND		1.0	0.44	ug/L			03/18/26 01:05	1
trans-1,2-Dichloroethene	ND		1.0	0.51	ug/L			03/18/26 01:05	1
trans-1,3-Dichloropropene	ND		1.0	0.67	ug/L			03/18/26 01:05	1
Trichloroethene	4.2		1.0	0.44	ug/L			03/18/26 01:05	1
Vinyl chloride	ND		1.0	0.45	ug/L			03/18/26 01:05	1
Xylenes, Total	ND		2.0	0.42	ug/L			03/18/26 01:05	1
Chlorodibromomethane	ND		1.0	0.39	ug/L			03/18/26 01:05	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	101		62 - 137		03/18/26 01:05	1
4-Bromofluorobenzene (Surr)	96		56 - 136		03/18/26 01:05	1
Toluene-d8 (Surr)	98		78 - 122		03/18/26 01:05	1
Dibromofluoromethane (Surr)	100		73 - 120		03/18/26 01:05	1

Method: SW846 8260D - Volatile Organic Compounds by GC/MS - RA

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND	H	1.0	0.48	ug/L			03/25/26 14:18	1
1,1,1,2-Tetrachloroethane	ND	H	1.0	0.60	ug/L			03/25/26 14:18	1
1,1,2-Trichloroethane	ND	H	1.0	0.48	ug/L			03/25/26 14:18	1
1,1-Dichloroethane	ND	H	1.0	0.47	ug/L			03/25/26 14:18	1

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Client Sample Results

Client: Key Environmental Inc
Project/Site: Alcoa - Wearever

Job ID: 240-245220-1

Client Sample ID: MW-1S

Lab Sample ID: 240-245220-4

Date Collected: 03/09/26 12:20

Matrix: Water

Date Received: 03/10/26 10:00

Method: SW846 8260D - Volatile Organic Compounds by GC/MS - RA (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1-Dichloroethene	ND	H	1.0	0.49	ug/L			03/25/26 14:18	1
1,2-Dichloroethane	ND	H	1.0	0.46	ug/L			03/25/26 14:18	1
1,2-Dichloropropane	ND	H	1.0	0.47	ug/L			03/25/26 14:18	1
2-Hexanone	ND	H	10	1.1	ug/L			03/25/26 14:18	1
Acetone	320	H	10	5.4	ug/L			03/25/26 14:18	1
Benzene	ND	H	1.0	0.42	ug/L			03/25/26 14:18	1
Bromoform	ND	H	1.0	0.76	ug/L			03/25/26 14:18	1
Bromomethane	ND	H	2.0	1.1	ug/L			03/25/26 14:18	1
Carbon disulfide	ND	H	1.0	0.59	ug/L			03/25/26 14:18	1
Carbon tetrachloride	ND	H	1.0	0.26	ug/L			03/25/26 14:18	1
Chlorobenzene	ND	H	1.0	0.38	ug/L			03/25/26 14:18	1
Chloroethane	ND	H	1.0	0.83	ug/L			03/25/26 14:18	1
Chloroform	ND	H	1.0	0.47	ug/L			03/25/26 14:18	1
Chloromethane	ND	H	1.0	0.63	ug/L			03/25/26 14:18	1
cis-1,2-Dichloroethene	20	H	1.0	0.46	ug/L			03/25/26 14:18	1
cis-1,3-Dichloropropene	ND	H	1.0	0.61	ug/L			03/25/26 14:18	1
Dichlorobromomethane	ND	H	1.0	0.38	ug/L			03/25/26 14:18	1
Ethylbenzene	ND	H	1.0	0.42	ug/L			03/25/26 14:18	1
Hexane	ND	H	2.0	1.9	ug/L			03/25/26 14:18	1
m-Xylene & p-Xylene	ND	H	2.0	0.42	ug/L			03/25/26 14:18	1
2-Butanone (MEK)	ND	H	10	4.2	ug/L			03/25/26 14:18	1
4-Methyl-2-pentanone (MIBK)	ND	H	10	0.99	ug/L			03/25/26 14:18	1
Methylene Chloride	ND	H	5.0	2.6	ug/L			03/25/26 14:18	1
o-Xylene	ND	H	1.0	0.42	ug/L			03/25/26 14:18	1
Styrene	ND	H	1.0	0.45	ug/L			03/25/26 14:18	1
Tetrachloroethene	ND	H	1.0	0.44	ug/L			03/25/26 14:18	1
Toluene	ND	H	1.0	0.44	ug/L			03/25/26 14:18	1
trans-1,2-Dichloroethene	ND	H	1.0	0.51	ug/L			03/25/26 14:18	1
trans-1,3-Dichloropropene	ND	H	1.0	0.67	ug/L			03/25/26 14:18	1
Trichloroethene	2.5	H	1.0	0.44	ug/L			03/25/26 14:18	1
Vinyl chloride	ND	H	1.0	0.45	ug/L			03/25/26 14:18	1
Xylenes, Total	ND	H	2.0	0.42	ug/L			03/25/26 14:18	1
Chlorodibromomethane	ND	H	1.0	0.39	ug/L			03/25/26 14:18	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	100		62 - 137		03/25/26 14:18	1
4-Bromofluorobenzene (Surr)	90		56 - 136		03/25/26 14:18	1
Toluene-d8 (Surr)	94		78 - 122		03/25/26 14:18	1
Dibromofluoromethane (Surr)	95		73 - 120		03/25/26 14:18	1

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Client Sample Results

Client: Key Environmental Inc
Project/Site: Alcoa - Wearever

Job ID: 240-245220-1

Client Sample ID: MW-AS2-S

Lab Sample ID: 240-245220-5

Date Collected: 03/09/26 12:00

Matrix: Water

Date Received: 03/10/26 10:00

Method: SW846 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		1.0	0.48	ug/L			03/18/26 01:29	1
1,1,2,2-Tetrachloroethane	ND		1.0	0.60	ug/L			03/18/26 01:29	1
1,1,2-Trichloroethane	ND		1.0	0.48	ug/L			03/18/26 01:29	1
1,1-Dichloroethane	ND		1.0	0.47	ug/L			03/18/26 01:29	1
1,1-Dichloroethene	ND		1.0	0.49	ug/L			03/18/26 01:29	1
1,2-Dichloroethane	ND		1.0	0.46	ug/L			03/18/26 01:29	1
1,2-Dichloropropane	ND		1.0	0.47	ug/L			03/18/26 01:29	1
2-Hexanone	ND		10	1.1	ug/L			03/18/26 01:29	1
Acetone	57		10	5.4	ug/L			03/18/26 01:29	1
Benzene	ND		1.0	0.42	ug/L			03/18/26 01:29	1
Bromoform	ND		1.0	0.76	ug/L			03/18/26 01:29	1
Bromomethane	ND		2.0	1.1	ug/L			03/18/26 01:29	1
Carbon disulfide	ND		1.0	0.59	ug/L			03/18/26 01:29	1
Carbon tetrachloride	ND		1.0	0.26	ug/L			03/18/26 01:29	1
Chlorobenzene	ND		1.0	0.38	ug/L			03/18/26 01:29	1
Chloroethane	ND		1.0	0.83	ug/L			03/18/26 01:29	1
Chloroform	ND		1.0	0.47	ug/L			03/18/26 01:29	1
Chloromethane	ND		1.0	0.63	ug/L			03/18/26 01:29	1
cis-1,2-Dichloroethene	80		1.0	0.46	ug/L			03/18/26 01:29	1
cis-1,3-Dichloropropene	ND		1.0	0.61	ug/L			03/18/26 01:29	1
Dichlorobromomethane	ND		1.0	0.38	ug/L			03/18/26 01:29	1
Ethylbenzene	ND		1.0	0.42	ug/L			03/18/26 01:29	1
Hexane	ND		2.0	1.9	ug/L			03/18/26 01:29	1
m-Xylene & p-Xylene	ND		2.0	0.42	ug/L			03/18/26 01:29	1
2-Butanone (MEK)	8.4 J		10	4.2	ug/L			03/18/26 01:29	1
4-Methyl-2-pentanone (MIBK)	ND		10	0.99	ug/L			03/18/26 01:29	1
Methylene Chloride	ND		5.0	2.6	ug/L			03/18/26 01:29	1
o-Xylene	ND		1.0	0.42	ug/L			03/18/26 01:29	1
Styrene	ND		1.0	0.45	ug/L			03/18/26 01:29	1
Tetrachloroethene	ND		1.0	0.44	ug/L			03/18/26 01:29	1
Toluene	ND		1.0	0.44	ug/L			03/18/26 01:29	1
trans-1,2-Dichloroethene	9.0		1.0	0.51	ug/L			03/18/26 01:29	1
trans-1,3-Dichloropropene	ND		1.0	0.67	ug/L			03/18/26 01:29	1
Trichloroethene	110		1.0	0.44	ug/L			03/18/26 01:29	1
Vinyl chloride	ND		1.0	0.45	ug/L			03/18/26 01:29	1
Xylenes, Total	ND		2.0	0.42	ug/L			03/18/26 01:29	1
Chlorodibromomethane	ND		1.0	0.39	ug/L			03/18/26 01:29	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	98		62 - 137		03/18/26 01:29	1
4-Bromofluorobenzene (Surr)	91		56 - 136		03/18/26 01:29	1
Toluene-d8 (Surr)	95		78 - 122		03/18/26 01:29	1
Dibromofluoromethane (Surr)	97		73 - 120		03/18/26 01:29	1

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Client Sample Results

Client: Key Environmental Inc
Project/Site: Alcoa - Wearever

Job ID: 240-245220-1

Client Sample ID: MW-AS3-S

Lab Sample ID: 240-245220-6

Date Collected: 03/09/26 14:20

Matrix: Water

Date Received: 03/10/26 10:00

Method: SW846 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	8.9		1.0	0.48	ug/L			03/18/26 01:53	1
1,1,2,2-Tetrachloroethane	ND		1.0	0.60	ug/L			03/18/26 01:53	1
1,1,2-Trichloroethane	ND		1.0	0.48	ug/L			03/18/26 01:53	1
1,1-Dichloroethane	1.5		1.0	0.47	ug/L			03/18/26 01:53	1
1,1-Dichloroethene	ND		1.0	0.49	ug/L			03/18/26 01:53	1
1,2-Dichloroethane	ND		1.0	0.46	ug/L			03/18/26 01:53	1
1,2-Dichloropropane	ND		1.0	0.47	ug/L			03/18/26 01:53	1
2-Hexanone	ND		10	1.1	ug/L			03/18/26 01:53	1
Acetone	6.7 J		10	5.4	ug/L			03/18/26 01:53	1
Benzene	ND		1.0	0.42	ug/L			03/18/26 01:53	1
Bromoform	ND		1.0	0.76	ug/L			03/18/26 01:53	1
Bromomethane	ND		2.0	1.1	ug/L			03/18/26 01:53	1
Carbon disulfide	ND		1.0	0.59	ug/L			03/18/26 01:53	1
Carbon tetrachloride	ND		1.0	0.26	ug/L			03/18/26 01:53	1
Chlorobenzene	ND		1.0	0.38	ug/L			03/18/26 01:53	1
Chloroethane	ND		1.0	0.83	ug/L			03/18/26 01:53	1
Chloroform	ND		1.0	0.47	ug/L			03/18/26 01:53	1
Chloromethane	ND		1.0	0.63	ug/L			03/18/26 01:53	1
cis-1,2-Dichloroethene	27		1.0	0.46	ug/L			03/18/26 01:53	1
cis-1,3-Dichloropropene	ND		1.0	0.61	ug/L			03/18/26 01:53	1
Dichlorobromomethane	ND		1.0	0.38	ug/L			03/18/26 01:53	1
Ethylbenzene	ND		1.0	0.42	ug/L			03/18/26 01:53	1
Hexane	ND		2.0	1.9	ug/L			03/18/26 01:53	1
m-Xylene & p-Xylene	ND		2.0	0.42	ug/L			03/18/26 01:53	1
2-Butanone (MEK)	4.3 J		10	4.2	ug/L			03/18/26 01:53	1
4-Methyl-2-pentanone (MIBK)	ND		10	0.99	ug/L			03/18/26 01:53	1
Methylene Chloride	ND		5.0	2.6	ug/L			03/18/26 01:53	1
o-Xylene	ND		1.0	0.42	ug/L			03/18/26 01:53	1
Styrene	ND		1.0	0.45	ug/L			03/18/26 01:53	1
Tetrachloroethene	ND		1.0	0.44	ug/L			03/18/26 01:53	1
Toluene	ND		1.0	0.44	ug/L			03/18/26 01:53	1
trans-1,2-Dichloroethene	2.7		1.0	0.51	ug/L			03/18/26 01:53	1
trans-1,3-Dichloropropene	ND		1.0	0.67	ug/L			03/18/26 01:53	1
Trichloroethene	690		2.0	0.88	ug/L			03/18/26 13:18	2
Vinyl chloride	ND		1.0	0.45	ug/L			03/18/26 01:53	1
Xylenes, Total	ND		2.0	0.42	ug/L			03/18/26 01:53	1
Chlorodibromomethane	ND		1.0	0.39	ug/L			03/18/26 01:53	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	101		62 - 137		03/18/26 01:53	1
1,2-Dichloroethane-d4 (Surr)	100		62 - 137		03/18/26 13:18	2
4-Bromofluorobenzene (Surr)	96		56 - 136		03/18/26 01:53	1
4-Bromofluorobenzene (Surr)	96		56 - 136		03/18/26 13:18	2
Toluene-d8 (Surr)	97		78 - 122		03/18/26 01:53	1
Toluene-d8 (Surr)	97		78 - 122		03/18/26 13:18	2
Dibromofluoromethane (Surr)	98		73 - 120		03/18/26 01:53	1
Dibromofluoromethane (Surr)	97		73 - 120		03/18/26 13:18	2

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Client Sample Results

Client: Key Environmental Inc
Project/Site: Alcoa - Wearever

Job ID: 240-245220-1

Client Sample ID: MW-AS4-S

Lab Sample ID: 240-245220-7

Date Collected: 03/09/26 13:10

Matrix: Water

Date Received: 03/10/26 10:00

Method: SW846 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		1.0	0.48	ug/L			03/18/26 02:17	1
1,1,2,2-Tetrachloroethane	ND		1.0	0.60	ug/L			03/18/26 02:17	1
1,1,2-Trichloroethane	ND		1.0	0.48	ug/L			03/18/26 02:17	1
1,1-Dichloroethane	ND		1.0	0.47	ug/L			03/18/26 02:17	1
1,1-Dichloroethene	ND		1.0	0.49	ug/L			03/18/26 02:17	1
1,2-Dichloroethane	ND		1.0	0.46	ug/L			03/18/26 02:17	1
1,2-Dichloropropane	ND		1.0	0.47	ug/L			03/18/26 02:17	1
2-Hexanone	ND		10	1.1	ug/L			03/18/26 02:17	1
Acetone	6.6	J	10	5.4	ug/L			03/18/26 02:17	1
Benzene	ND		1.0	0.42	ug/L			03/18/26 02:17	1
Bromoform	ND		1.0	0.76	ug/L			03/18/26 02:17	1
Bromomethane	ND		2.0	1.1	ug/L			03/18/26 02:17	1
Carbon disulfide	ND		1.0	0.59	ug/L			03/18/26 02:17	1
Carbon tetrachloride	ND		1.0	0.26	ug/L			03/18/26 02:17	1
Chlorobenzene	ND		1.0	0.38	ug/L			03/18/26 02:17	1
Chloroethane	ND		1.0	0.83	ug/L			03/18/26 02:17	1
Chloroform	ND		1.0	0.47	ug/L			03/18/26 02:17	1
Chloromethane	ND		1.0	0.63	ug/L			03/18/26 02:17	1
cis-1,2-Dichloroethene	11		1.0	0.46	ug/L			03/18/26 02:17	1
cis-1,3-Dichloropropene	ND		1.0	0.61	ug/L			03/18/26 02:17	1
Dichlorobromomethane	ND		1.0	0.38	ug/L			03/18/26 02:17	1
Ethylbenzene	ND		1.0	0.42	ug/L			03/18/26 02:17	1
Hexane	ND		2.0	1.9	ug/L			03/18/26 02:17	1
m-Xylene & p-Xylene	ND		2.0	0.42	ug/L			03/18/26 02:17	1
2-Butanone (MEK)	ND		10	4.2	ug/L			03/18/26 02:17	1
4-Methyl-2-pentanone (MIBK)	ND		10	0.99	ug/L			03/18/26 02:17	1
Methylene Chloride	ND		5.0	2.6	ug/L			03/18/26 02:17	1
o-Xylene	ND		1.0	0.42	ug/L			03/18/26 02:17	1
Styrene	ND		1.0	0.45	ug/L			03/18/26 02:17	1
Tetrachloroethene	3.0		1.0	0.44	ug/L			03/18/26 02:17	1
Toluene	ND		1.0	0.44	ug/L			03/18/26 02:17	1
trans-1,2-Dichloroethene	1.1		1.0	0.51	ug/L			03/18/26 02:17	1
trans-1,3-Dichloropropene	ND		1.0	0.67	ug/L			03/18/26 02:17	1
Trichloroethene	570		2.0	0.88	ug/L			03/18/26 13:42	2
Vinyl chloride	ND		1.0	0.45	ug/L			03/18/26 02:17	1
Xylenes, Total	ND		2.0	0.42	ug/L			03/18/26 02:17	1
Chlorodibromomethane	ND		1.0	0.39	ug/L			03/18/26 02:17	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	102		62 - 137		03/18/26 02:17	1
1,2-Dichloroethane-d4 (Surr)	99		62 - 137		03/18/26 13:42	2
4-Bromofluorobenzene (Surr)	91		56 - 136		03/18/26 02:17	1
4-Bromofluorobenzene (Surr)	95		56 - 136		03/18/26 13:42	2
Toluene-d8 (Surr)	95		78 - 122		03/18/26 02:17	1
Toluene-d8 (Surr)	97		78 - 122		03/18/26 13:42	2
Dibromofluoromethane (Surr)	98		73 - 120		03/18/26 02:17	1
Dibromofluoromethane (Surr)	96		73 - 120		03/18/26 13:42	2

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Client Sample Results

Client: Key Environmental Inc
Project/Site: Alcoa - Wearever

Job ID: 240-245220-1

Client Sample ID: MW-AS5-S

Lab Sample ID: 240-245220-8

Date Collected: 03/09/26 12:45

Matrix: Water

Date Received: 03/10/26 10:00

Method: SW846 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		1.0	0.48	ug/L			03/18/26 02:41	1
1,1,2,2-Tetrachloroethane	ND		1.0	0.60	ug/L			03/18/26 02:41	1
1,1,2-Trichloroethane	ND		1.0	0.48	ug/L			03/18/26 02:41	1
1,1-Dichloroethane	ND		1.0	0.47	ug/L			03/18/26 02:41	1
1,1-Dichloroethene	ND		1.0	0.49	ug/L			03/18/26 02:41	1
1,2-Dichloroethane	ND		1.0	0.46	ug/L			03/18/26 02:41	1
1,2-Dichloropropane	ND		1.0	0.47	ug/L			03/18/26 02:41	1
2-Hexanone	ND		10	1.1	ug/L			03/18/26 02:41	1
Acetone	9.4	J	10	5.4	ug/L			03/18/26 02:41	1
Benzene	ND		1.0	0.42	ug/L			03/18/26 02:41	1
Bromoform	ND		1.0	0.76	ug/L			03/18/26 02:41	1
Bromomethane	ND		2.0	1.1	ug/L			03/18/26 02:41	1
Carbon disulfide	ND		1.0	0.59	ug/L			03/18/26 02:41	1
Carbon tetrachloride	ND		1.0	0.26	ug/L			03/18/26 02:41	1
Chlorobenzene	ND		1.0	0.38	ug/L			03/18/26 02:41	1
Chloroethane	ND		1.0	0.83	ug/L			03/18/26 02:41	1
Chloroform	ND		1.0	0.47	ug/L			03/18/26 02:41	1
Chloromethane	ND		1.0	0.63	ug/L			03/18/26 02:41	1
cis-1,2-Dichloroethene	4.3		1.0	0.46	ug/L			03/18/26 02:41	1
cis-1,3-Dichloropropene	ND		1.0	0.61	ug/L			03/18/26 02:41	1
Dichlorobromomethane	ND		1.0	0.38	ug/L			03/18/26 02:41	1
Ethylbenzene	ND		1.0	0.42	ug/L			03/18/26 02:41	1
Hexane	ND		2.0	1.9	ug/L			03/18/26 02:41	1
m-Xylene & p-Xylene	ND		2.0	0.42	ug/L			03/18/26 02:41	1
2-Butanone (MEK)	ND		10	4.2	ug/L			03/18/26 02:41	1
4-Methyl-2-pentanone (MIBK)	ND		10	0.99	ug/L			03/18/26 02:41	1
Methylene Chloride	ND		5.0	2.6	ug/L			03/18/26 02:41	1
o-Xylene	ND		1.0	0.42	ug/L			03/18/26 02:41	1
Styrene	ND		1.0	0.45	ug/L			03/18/26 02:41	1
Tetrachloroethene	ND		1.0	0.44	ug/L			03/18/26 02:41	1
Toluene	ND		1.0	0.44	ug/L			03/18/26 02:41	1
trans-1,2-Dichloroethene	0.98	J	1.0	0.51	ug/L			03/18/26 02:41	1
trans-1,3-Dichloropropene	ND		1.0	0.67	ug/L			03/18/26 02:41	1
Trichloroethene	310		1.0	0.44	ug/L			03/18/26 02:41	1
Vinyl chloride	ND		1.0	0.45	ug/L			03/18/26 02:41	1
Xylenes, Total	ND		2.0	0.42	ug/L			03/18/26 02:41	1
Chlorodibromomethane	ND		1.0	0.39	ug/L			03/18/26 02:41	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	102		62 - 137		03/18/26 02:41	1
1,2-Dichloroethane-d4 (Surr)	98		62 - 137		03/18/26 10:55	1
4-Bromofluorobenzene (Surr)	92		56 - 136		03/18/26 02:41	1
4-Bromofluorobenzene (Surr)	95		56 - 136		03/18/26 10:55	1
Toluene-d8 (Surr)	96		78 - 122		03/18/26 02:41	1
Toluene-d8 (Surr)	94		78 - 122		03/18/26 10:55	1
Dibromofluoromethane (Surr)	98		73 - 120		03/18/26 02:41	1
Dibromofluoromethane (Surr)	96		73 - 120		03/18/26 10:55	1

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Client Sample Results

Client: Key Environmental Inc
Project/Site: Alcoa - Wearever

Job ID: 240-245220-1

Client Sample ID: MW-BL-S

Lab Sample ID: 240-245220-9

Date Collected: 03/09/26 12:30

Matrix: Water

Date Received: 03/10/26 10:00

Method: SW846 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		1.0	0.48	ug/L			03/18/26 03:04	1
1,1,2,2-Tetrachloroethane	ND		1.0	0.60	ug/L			03/18/26 03:04	1
1,1,2-Trichloroethane	ND		1.0	0.48	ug/L			03/18/26 03:04	1
1,1-Dichloroethane	ND		1.0	0.47	ug/L			03/18/26 03:04	1
1,1-Dichloroethene	ND		1.0	0.49	ug/L			03/18/26 03:04	1
1,2-Dichloroethane	ND		1.0	0.46	ug/L			03/18/26 03:04	1
1,2-Dichloropropane	ND		1.0	0.47	ug/L			03/18/26 03:04	1
2-Hexanone	ND		10	1.1	ug/L			03/18/26 03:04	1
Acetone	7.1	J	10	5.4	ug/L			03/18/26 03:04	1
Benzene	ND		1.0	0.42	ug/L			03/18/26 03:04	1
Bromoform	ND		1.0	0.76	ug/L			03/18/26 03:04	1
Bromomethane	ND		2.0	1.1	ug/L			03/18/26 03:04	1
Carbon disulfide	ND		1.0	0.59	ug/L			03/18/26 03:04	1
Carbon tetrachloride	ND		1.0	0.26	ug/L			03/18/26 03:04	1
Chlorobenzene	ND		1.0	0.38	ug/L			03/18/26 03:04	1
Chloroethane	ND		1.0	0.83	ug/L			03/18/26 03:04	1
Chloroform	ND		1.0	0.47	ug/L			03/18/26 03:04	1
Chloromethane	ND		1.0	0.63	ug/L			03/18/26 03:04	1
cis-1,2-Dichloroethene	6.6		1.0	0.46	ug/L			03/18/26 03:04	1
cis-1,3-Dichloropropene	ND		1.0	0.61	ug/L			03/18/26 03:04	1
Dichlorobromomethane	ND		1.0	0.38	ug/L			03/18/26 03:04	1
Ethylbenzene	ND		1.0	0.42	ug/L			03/18/26 03:04	1
Hexane	ND		2.0	1.9	ug/L			03/18/26 03:04	1
m-Xylene & p-Xylene	ND		2.0	0.42	ug/L			03/18/26 03:04	1
2-Butanone (MEK)	ND		10	4.2	ug/L			03/18/26 03:04	1
4-Methyl-2-pentanone (MIBK)	ND		10	0.99	ug/L			03/18/26 03:04	1
Methylene Chloride	ND		5.0	2.6	ug/L			03/18/26 03:04	1
o-Xylene	ND		1.0	0.42	ug/L			03/18/26 03:04	1
Styrene	ND		1.0	0.45	ug/L			03/18/26 03:04	1
Tetrachloroethene	ND		1.0	0.44	ug/L			03/18/26 03:04	1
Toluene	ND		1.0	0.44	ug/L			03/18/26 03:04	1
trans-1,2-Dichloroethene	0.80	J	1.0	0.51	ug/L			03/18/26 03:04	1
trans-1,3-Dichloropropene	ND		1.0	0.67	ug/L			03/18/26 03:04	1
Trichloroethene	310		1.0	0.44	ug/L			03/18/26 03:04	1
Vinyl chloride	ND		1.0	0.45	ug/L			03/18/26 03:04	1
Xylenes, Total	ND		2.0	0.42	ug/L			03/18/26 03:04	1
Chlorodibromomethane	ND		1.0	0.39	ug/L			03/18/26 03:04	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	101		62 - 137		03/18/26 03:04	1
4-Bromofluorobenzene (Surr)	96		56 - 136		03/18/26 03:04	1
Toluene-d8 (Surr)	99		78 - 122		03/18/26 03:04	1
Dibromofluoromethane (Surr)	99		73 - 120		03/18/26 03:04	1

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Client Sample Results

Client: Key Environmental Inc
Project/Site: Alcoa - Wearever

Job ID: 240-245220-1

Client Sample ID: MW-GA-S

Lab Sample ID: 240-245220-10

Date Collected: 03/09/26 15:10

Matrix: Water

Date Received: 03/10/26 10:00

Method: SW846 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		1.0	0.48	ug/L			03/18/26 03:28	1
1,1,2,2-Tetrachloroethane	ND		1.0	0.60	ug/L			03/18/26 03:28	1
1,1,2-Trichloroethane	ND		1.0	0.48	ug/L			03/18/26 03:28	1
1,1-Dichloroethane	ND		1.0	0.47	ug/L			03/18/26 03:28	1
1,1-Dichloroethene	0.96	J	1.0	0.49	ug/L			03/18/26 03:28	1
1,2-Dichloroethane	ND		1.0	0.46	ug/L			03/18/26 03:28	1
1,2-Dichloropropane	ND		1.0	0.47	ug/L			03/18/26 03:28	1
2-Hexanone	ND		10	1.1	ug/L			03/18/26 03:28	1
Acetone	160		10	5.4	ug/L			03/18/26 03:28	1
Benzene	ND		1.0	0.42	ug/L			03/18/26 03:28	1
Bromoform	ND		1.0	0.76	ug/L			03/18/26 03:28	1
Bromomethane	ND		2.0	1.1	ug/L			03/18/26 03:28	1
Carbon disulfide	ND		1.0	0.59	ug/L			03/18/26 03:28	1
Carbon tetrachloride	ND		1.0	0.26	ug/L			03/18/26 03:28	1
Chlorobenzene	ND		1.0	0.38	ug/L			03/18/26 03:28	1
Chloroethane	ND		1.0	0.83	ug/L			03/18/26 03:28	1
Chloroform	ND		1.0	0.47	ug/L			03/18/26 03:28	1
Chloromethane	ND		1.0	0.63	ug/L			03/18/26 03:28	1
cis-1,2-Dichloroethene	99		1.0	0.46	ug/L			03/18/26 03:28	1
cis-1,3-Dichloropropene	ND		1.0	0.61	ug/L			03/18/26 03:28	1
Dichlorobromomethane	ND		1.0	0.38	ug/L			03/18/26 03:28	1
Ethylbenzene	ND		1.0	0.42	ug/L			03/18/26 03:28	1
Hexane	ND		2.0	1.9	ug/L			03/18/26 03:28	1
m-Xylene & p-Xylene	ND		2.0	0.42	ug/L			03/18/26 03:28	1
2-Butanone (MEK)	9.2	J	10	4.2	ug/L			03/18/26 03:28	1
4-Methyl-2-pentanone (MIBK)	ND		10	0.99	ug/L			03/18/26 03:28	1
Methylene Chloride	ND		5.0	2.6	ug/L			03/18/26 03:28	1
o-Xylene	ND		1.0	0.42	ug/L			03/18/26 03:28	1
Styrene	ND		1.0	0.45	ug/L			03/18/26 03:28	1
Tetrachloroethene	ND		1.0	0.44	ug/L			03/18/26 03:28	1
Toluene	ND		1.0	0.44	ug/L			03/18/26 03:28	1
trans-1,2-Dichloroethene	6.7		1.0	0.51	ug/L			03/18/26 03:28	1
trans-1,3-Dichloropropene	ND		1.0	0.67	ug/L			03/18/26 03:28	1
Trichloroethene	280		1.0	0.44	ug/L			03/18/26 03:28	1
Vinyl chloride	ND		1.0	0.45	ug/L			03/18/26 03:28	1
Xylenes, Total	ND		2.0	0.42	ug/L			03/18/26 03:28	1
Chlorodibromomethane	ND		1.0	0.39	ug/L			03/18/26 03:28	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	101		62 - 137		03/18/26 03:28	1
4-Bromofluorobenzene (Surr)	97		56 - 136		03/18/26 03:28	1
Toluene-d8 (Surr)	96		78 - 122		03/18/26 03:28	1
Dibromofluoromethane (Surr)	98		73 - 120		03/18/26 03:28	1

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Client Sample Results

Client: Key Environmental Inc
Project/Site: Alcoa - Wearever

Job ID: 240-245220-1

Client Sample ID: MW-5

Lab Sample ID: 240-245220-11

Date Collected: 03/09/26 16:15

Matrix: Water

Date Received: 03/10/26 10:00

Method: SW846 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		1.0	0.48	ug/L			03/18/26 03:52	1
1,1,1,2-Tetrachloroethane	ND		1.0	0.60	ug/L			03/18/26 03:52	1
1,1,2-Trichloroethane	ND		1.0	0.48	ug/L			03/18/26 03:52	1
1,1-Dichloroethane	ND		1.0	0.47	ug/L			03/18/26 03:52	1
1,1-Dichloroethene	0.63	J	1.0	0.49	ug/L			03/18/26 03:52	1
1,2-Dichloroethane	ND		1.0	0.46	ug/L			03/18/26 03:52	1
1,2-Dichloropropane	ND		1.0	0.47	ug/L			03/18/26 03:52	1
2-Hexanone	ND		10	1.1	ug/L			03/18/26 03:52	1
Acetone	30		10	5.4	ug/L			03/18/26 03:52	1
Benzene	ND		1.0	0.42	ug/L			03/18/26 03:52	1
Bromoform	ND		1.0	0.76	ug/L			03/18/26 03:52	1
Bromomethane	ND		2.0	1.1	ug/L			03/18/26 03:52	1
Carbon disulfide	ND		1.0	0.59	ug/L			03/18/26 03:52	1
Carbon tetrachloride	ND		1.0	0.26	ug/L			03/18/26 03:52	1
Chlorobenzene	ND		1.0	0.38	ug/L			03/18/26 03:52	1
Chloroethane	ND		1.0	0.83	ug/L			03/18/26 03:52	1
Chloroform	ND		1.0	0.47	ug/L			03/18/26 03:52	1
Chloromethane	ND		1.0	0.63	ug/L			03/18/26 03:52	1
cis-1,2-Dichloroethene	92		1.0	0.46	ug/L			03/18/26 03:52	1
cis-1,3-Dichloropropene	ND		1.0	0.61	ug/L			03/18/26 03:52	1
Dichlorobromomethane	ND		1.0	0.38	ug/L			03/18/26 03:52	1
Ethylbenzene	ND		1.0	0.42	ug/L			03/18/26 03:52	1
Hexane	ND		2.0	1.9	ug/L			03/18/26 03:52	1
m-Xylene & p-Xylene	ND		2.0	0.42	ug/L			03/18/26 03:52	1
2-Butanone (MEK)	7.6	J	10	4.2	ug/L			03/18/26 03:52	1
4-Methyl-2-pentanone (MIBK)	ND		10	0.99	ug/L			03/18/26 03:52	1
Methylene Chloride	ND		5.0	2.6	ug/L			03/18/26 03:52	1
o-Xylene	ND		1.0	0.42	ug/L			03/18/26 03:52	1
Styrene	ND		1.0	0.45	ug/L			03/18/26 03:52	1
Tetrachloroethene	ND		1.0	0.44	ug/L			03/18/26 03:52	1
Toluene	ND		1.0	0.44	ug/L			03/18/26 03:52	1
trans-1,2-Dichloroethene	1.2		1.0	0.51	ug/L			03/18/26 03:52	1
trans-1,3-Dichloropropene	ND		1.0	0.67	ug/L			03/18/26 03:52	1
Trichloroethene	240		1.0	0.44	ug/L			03/18/26 03:52	1
Vinyl chloride	ND		1.0	0.45	ug/L			03/18/26 03:52	1
Xylenes, Total	ND		2.0	0.42	ug/L			03/18/26 03:52	1
Chlorodibromomethane	ND		1.0	0.39	ug/L			03/18/26 03:52	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	103		62 - 137		03/18/26 03:52	1
4-Bromofluorobenzene (Surr)	96		56 - 136		03/18/26 03:52	1
Toluene-d8 (Surr)	98		78 - 122		03/18/26 03:52	1
Dibromofluoromethane (Surr)	100		73 - 120		03/18/26 03:52	1

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Client Sample Results

Client: Key Environmental Inc
Project/Site: Alcoa - Wearever

Job ID: 240-245220-1

Client Sample ID: MW-B-I

Lab Sample ID: 240-245220-12

Date Collected: 03/09/26 11:20

Matrix: Water

Date Received: 03/10/26 10:00

Method: SW846 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		1.0	0.48	ug/L			03/18/26 04:16	1
1,1,2,2-Tetrachloroethane	ND		1.0	0.60	ug/L			03/18/26 04:16	1
1,1,2-Trichloroethane	ND		1.0	0.48	ug/L			03/18/26 04:16	1
1,1-Dichloroethane	ND		1.0	0.47	ug/L			03/18/26 04:16	1
1,1-Dichloroethene	ND		1.0	0.49	ug/L			03/18/26 04:16	1
1,2-Dichloroethane	ND		1.0	0.46	ug/L			03/18/26 04:16	1
1,2-Dichloropropane	ND		1.0	0.47	ug/L			03/18/26 04:16	1
2-Hexanone	ND		10	1.1	ug/L			03/18/26 04:16	1
Acetone	190		10	5.4	ug/L			03/18/26 04:16	1
Benzene	ND		1.0	0.42	ug/L			03/18/26 04:16	1
Bromoform	ND		1.0	0.76	ug/L			03/18/26 04:16	1
Bromomethane	ND		2.0	1.1	ug/L			03/18/26 04:16	1
Carbon disulfide	ND		1.0	0.59	ug/L			03/18/26 04:16	1
Carbon tetrachloride	ND		1.0	0.26	ug/L			03/18/26 04:16	1
Chlorobenzene	ND		1.0	0.38	ug/L			03/18/26 04:16	1
Chloroethane	ND		1.0	0.83	ug/L			03/18/26 04:16	1
Chloroform	ND		1.0	0.47	ug/L			03/18/26 04:16	1
Chloromethane	ND		1.0	0.63	ug/L			03/18/26 04:16	1
cis-1,2-Dichloroethene	24		1.0	0.46	ug/L			03/18/26 04:16	1
cis-1,3-Dichloropropene	ND		1.0	0.61	ug/L			03/18/26 04:16	1
Dichlorobromomethane	ND		1.0	0.38	ug/L			03/18/26 04:16	1
Ethylbenzene	ND		1.0	0.42	ug/L			03/18/26 04:16	1
Hexane	ND		2.0	1.9	ug/L			03/18/26 04:16	1
m-Xylene & p-Xylene	ND		2.0	0.42	ug/L			03/18/26 04:16	1
2-Butanone (MEK)	4.4 J		10	4.2	ug/L			03/18/26 04:16	1
4-Methyl-2-pentanone (MIBK)	ND		10	0.99	ug/L			03/18/26 04:16	1
Methylene Chloride	ND		5.0	2.6	ug/L			03/18/26 04:16	1
o-Xylene	ND		1.0	0.42	ug/L			03/18/26 04:16	1
Styrene	ND		1.0	0.45	ug/L			03/18/26 04:16	1
Tetrachloroethene	ND		1.0	0.44	ug/L			03/18/26 04:16	1
Toluene	ND		1.0	0.44	ug/L			03/18/26 04:16	1
trans-1,2-Dichloroethene	0.98 J		1.0	0.51	ug/L			03/18/26 04:16	1
trans-1,3-Dichloropropene	ND		1.0	0.67	ug/L			03/18/26 04:16	1
Trichloroethene	75		1.0	0.44	ug/L			03/18/26 04:16	1
Vinyl chloride	ND		1.0	0.45	ug/L			03/18/26 04:16	1
Xylenes, Total	ND		2.0	0.42	ug/L			03/18/26 04:16	1
Chlorodibromomethane	ND		1.0	0.39	ug/L			03/18/26 04:16	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	100		62 - 137		03/18/26 04:16	1
4-Bromofluorobenzene (Surr)	93		56 - 136		03/18/26 04:16	1
Toluene-d8 (Surr)	97		78 - 122		03/18/26 04:16	1
Dibromofluoromethane (Surr)	97		73 - 120		03/18/26 04:16	1

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Client Sample Results

Client: Key Environmental Inc
Project/Site: Alcoa - Wearever

Job ID: 240-245220-1

Client Sample ID: MW-C-S

Lab Sample ID: 240-245220-13

Date Collected: 03/09/26 11:35

Matrix: Water

Date Received: 03/10/26 10:00

Method: SW846 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		1.0	0.48	ug/L			03/18/26 04:40	1
1,1,2,2-Tetrachloroethane	ND		1.0	0.60	ug/L			03/18/26 04:40	1
1,1,2-Trichloroethane	ND		1.0	0.48	ug/L			03/18/26 04:40	1
1,1-Dichloroethane	ND		1.0	0.47	ug/L			03/18/26 04:40	1
1,1-Dichloroethene	0.55	J	1.0	0.49	ug/L			03/18/26 04:40	1
1,2-Dichloroethane	ND		1.0	0.46	ug/L			03/18/26 04:40	1
1,2-Dichloropropane	ND		1.0	0.47	ug/L			03/18/26 04:40	1
2-Hexanone	ND		10	1.1	ug/L			03/18/26 04:40	1
Acetone	170		10	5.4	ug/L			03/18/26 04:40	1
Benzene	ND		1.0	0.42	ug/L			03/18/26 04:40	1
Bromoform	ND		1.0	0.76	ug/L			03/18/26 04:40	1
Bromomethane	ND		2.0	1.1	ug/L			03/18/26 04:40	1
Carbon disulfide	ND		1.0	0.59	ug/L			03/18/26 04:40	1
Carbon tetrachloride	ND		1.0	0.26	ug/L			03/18/26 04:40	1
Chlorobenzene	ND		1.0	0.38	ug/L			03/18/26 04:40	1
Chloroethane	ND		1.0	0.83	ug/L			03/18/26 04:40	1
Chloroform	ND		1.0	0.47	ug/L			03/18/26 04:40	1
Chloromethane	ND		1.0	0.63	ug/L			03/18/26 04:40	1
cis-1,2-Dichloroethene	55		1.0	0.46	ug/L			03/18/26 04:40	1
cis-1,3-Dichloropropene	ND		1.0	0.61	ug/L			03/18/26 04:40	1
Dichlorobromomethane	ND		1.0	0.38	ug/L			03/18/26 04:40	1
Ethylbenzene	ND		1.0	0.42	ug/L			03/18/26 04:40	1
Hexane	ND		2.0	1.9	ug/L			03/18/26 04:40	1
m-Xylene & p-Xylene	ND		2.0	0.42	ug/L			03/18/26 04:40	1
2-Butanone (MEK)	6.9	J	10	4.2	ug/L			03/18/26 04:40	1
4-Methyl-2-pentanone (MIBK)	ND		10	0.99	ug/L			03/18/26 04:40	1
Methylene Chloride	ND		5.0	2.6	ug/L			03/18/26 04:40	1
o-Xylene	ND		1.0	0.42	ug/L			03/18/26 04:40	1
Styrene	ND		1.0	0.45	ug/L			03/18/26 04:40	1
Tetrachloroethene	ND		1.0	0.44	ug/L			03/18/26 04:40	1
Toluene	ND		1.0	0.44	ug/L			03/18/26 04:40	1
trans-1,2-Dichloroethene	4.1		1.0	0.51	ug/L			03/18/26 04:40	1
trans-1,3-Dichloropropene	ND		1.0	0.67	ug/L			03/18/26 04:40	1
Trichloroethene	170		1.0	0.44	ug/L			03/18/26 04:40	1
Vinyl chloride	ND		1.0	0.45	ug/L			03/18/26 04:40	1
Xylenes, Total	ND		2.0	0.42	ug/L			03/18/26 04:40	1
Chlorodibromomethane	ND		1.0	0.39	ug/L			03/18/26 04:40	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	99		62 - 137		03/18/26 04:40	1
4-Bromofluorobenzene (Surr)	94		56 - 136		03/18/26 04:40	1
Toluene-d8 (Surr)	95		78 - 122		03/18/26 04:40	1
Dibromofluoromethane (Surr)	98		73 - 120		03/18/26 04:40	1

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Client Sample Results

Client: Key Environmental Inc
Project/Site: Alcoa - Wearever

Job ID: 240-245220-1

Client Sample ID: MW-C-I

Lab Sample ID: 240-245220-14

Date Collected: 03/09/26 11:40

Matrix: Water

Date Received: 03/10/26 10:00

Method: SW846 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		1.0	0.48	ug/L			03/18/26 05:04	1
1,1,2,2-Tetrachloroethane	ND		1.0	0.60	ug/L			03/18/26 05:04	1
1,1,2-Trichloroethane	ND		1.0	0.48	ug/L			03/18/26 05:04	1
1,1-Dichloroethane	ND		1.0	0.47	ug/L			03/18/26 05:04	1
1,1-Dichloroethene	130		1.0	0.49	ug/L			03/18/26 05:04	1
1,2-Dichloroethane	ND		1.0	0.46	ug/L			03/18/26 05:04	1
1,2-Dichloropropane	ND		1.0	0.47	ug/L			03/18/26 05:04	1
2-Hexanone	ND		10	1.1	ug/L			03/18/26 05:04	1
Acetone	22		10	5.4	ug/L			03/18/26 05:04	1
Benzene	ND		1.0	0.42	ug/L			03/18/26 05:04	1
Bromoform	ND		1.0	0.76	ug/L			03/18/26 05:04	1
Bromomethane	ND		2.0	1.1	ug/L			03/18/26 05:04	1
Carbon disulfide	ND		1.0	0.59	ug/L			03/18/26 05:04	1
Carbon tetrachloride	ND		1.0	0.26	ug/L			03/18/26 05:04	1
Chlorobenzene	ND		1.0	0.38	ug/L			03/18/26 05:04	1
Chloroethane	ND		1.0	0.83	ug/L			03/18/26 05:04	1
Chloroform	ND		1.0	0.47	ug/L			03/18/26 05:04	1
Chloromethane	ND		1.0	0.63	ug/L			03/18/26 05:04	1
cis-1,2-Dichloroethene	2100		6.7	3.1	ug/L			03/18/26 14:06	6.667
cis-1,3-Dichloropropene	ND		1.0	0.61	ug/L			03/18/26 05:04	1
Dichlorobromomethane	ND		1.0	0.38	ug/L			03/18/26 05:04	1
Ethylbenzene	ND		1.0	0.42	ug/L			03/18/26 05:04	1
Hexane	ND		2.0	1.9	ug/L			03/18/26 05:04	1
m-Xylene & p-Xylene	ND		2.0	0.42	ug/L			03/18/26 05:04	1
2-Butanone (MEK)	ND		10	4.2	ug/L			03/18/26 05:04	1
4-Methyl-2-pentanone (MIBK)	ND		10	0.99	ug/L			03/18/26 05:04	1
Methylene Chloride	ND		5.0	2.6	ug/L			03/18/26 05:04	1
o-Xylene	ND		1.0	0.42	ug/L			03/18/26 05:04	1
Styrene	ND		1.0	0.45	ug/L			03/18/26 05:04	1
Tetrachloroethene	ND		1.0	0.44	ug/L			03/18/26 05:04	1
Toluene	ND		1.0	0.44	ug/L			03/18/26 05:04	1
trans-1,2-Dichloroethene	46		1.0	0.51	ug/L			03/18/26 05:04	1
trans-1,3-Dichloropropene	ND		1.0	0.67	ug/L			03/18/26 05:04	1
Trichloroethene	470		6.7	2.9	ug/L			03/18/26 14:06	6.667
Vinyl chloride	110		1.0	0.45	ug/L			03/18/26 05:04	1
Xylenes, Total	ND		2.0	0.42	ug/L			03/18/26 05:04	1
Chlorodibromomethane	ND		1.0	0.39	ug/L			03/18/26 05:04	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	99		62 - 137		03/18/26 05:04	1
1,2-Dichloroethane-d4 (Surr)	99		62 - 137		03/18/26 14:06	6.667
4-Bromofluorobenzene (Surr)	95		56 - 136		03/18/26 05:04	1
4-Bromofluorobenzene (Surr)	94		56 - 136		03/18/26 14:06	6.667
Toluene-d8 (Surr)	96		78 - 122		03/18/26 05:04	1
Toluene-d8 (Surr)	95		78 - 122		03/18/26 14:06	6.667
Dibromofluoromethane (Surr)	97		73 - 120		03/18/26 05:04	1
Dibromofluoromethane (Surr)	97		73 - 120		03/18/26 14:06	6.667

Eurofins Cleveland

Client Sample Results

Client: Key Environmental Inc
Project/Site: Alcoa - Wearever

Job ID: 240-245220-1

Client Sample ID: MW-F-S

Lab Sample ID: 240-245220-15

Date Collected: 03/09/26 14:20

Matrix: Water

Date Received: 03/10/26 10:00

Method: SW846 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		2.0	0.96	ug/L			03/18/26 12:07	2
1,1,1,2-Tetrachloroethane	ND		2.0	1.2	ug/L			03/18/26 12:07	2
1,1,2-Trichloroethane	ND		2.0	0.96	ug/L			03/18/26 12:07	2
1,1-Dichloroethane	3.1		2.0	0.94	ug/L			03/18/26 12:07	2
1,1-Dichloroethene	1.9	J	2.0	0.98	ug/L			03/18/26 12:07	2
1,2-Dichloroethane	ND		2.0	0.91	ug/L			03/18/26 12:07	2
1,2-Dichloropropane	ND		2.0	0.94	ug/L			03/18/26 12:07	2
2-Hexanone	ND		20	2.2	ug/L			03/18/26 12:07	2
Acetone	11	J	20	11	ug/L			03/18/26 12:07	2
Benzene	ND		2.0	0.84	ug/L			03/18/26 12:07	2
Bromoform	ND		2.0	1.5	ug/L			03/18/26 12:07	2
Bromomethane	ND		4.0	2.2	ug/L			03/18/26 12:07	2
Carbon disulfide	ND		2.0	1.2	ug/L			03/18/26 12:07	2
Carbon tetrachloride	ND		2.0	0.52	ug/L			03/18/26 12:07	2
Chlorobenzene	ND		2.0	0.76	ug/L			03/18/26 12:07	2
Chloroethane	ND		2.0	1.7	ug/L			03/18/26 12:07	2
Chloroform	ND		2.0	0.94	ug/L			03/18/26 12:07	2
Chloromethane	ND		2.0	1.3	ug/L			03/18/26 12:07	2
cis-1,2-Dichloroethene	190		2.0	0.92	ug/L			03/18/26 12:07	2
cis-1,3-Dichloropropene	ND		2.0	1.2	ug/L			03/18/26 12:07	2
Dichlorobromomethane	ND		2.0	0.75	ug/L			03/18/26 12:07	2
Ethylbenzene	ND		2.0	0.84	ug/L			03/18/26 12:07	2
Hexane	ND		4.0	3.8	ug/L			03/18/26 12:07	2
m-Xylene & p-Xylene	ND		4.0	0.84	ug/L			03/18/26 12:07	2
2-Butanone (MEK)	14	J	20	8.3	ug/L			03/18/26 12:07	2
4-Methyl-2-pentanone (MIBK)	ND		20	2.0	ug/L			03/18/26 12:07	2
Methylene Chloride	ND		10	5.2	ug/L			03/18/26 12:07	2
o-Xylene	ND		2.0	0.84	ug/L			03/18/26 12:07	2
Styrene	ND		2.0	0.90	ug/L			03/18/26 12:07	2
Tetrachloroethene	ND		2.0	0.88	ug/L			03/18/26 12:07	2
Toluene	ND		2.0	0.88	ug/L			03/18/26 12:07	2
trans-1,2-Dichloroethene	9.8		2.0	1.0	ug/L			03/18/26 12:07	2
trans-1,3-Dichloropropene	ND		2.0	1.3	ug/L			03/18/26 12:07	2
Trichloroethene	720		2.0	0.88	ug/L			03/18/26 12:07	2
Vinyl chloride	48		2.0	0.90	ug/L			03/18/26 12:07	2
Xylenes, Total	ND		4.0	0.84	ug/L			03/18/26 12:07	2
Chlorodibromomethane	ND		2.0	0.78	ug/L			03/18/26 12:07	2

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	99		62 - 137		03/18/26 12:07	2
4-Bromofluorobenzene (Surr)	95		56 - 136		03/18/26 12:07	2
Toluene-d8 (Surr)	96		78 - 122		03/18/26 12:07	2
Dibromofluoromethane (Surr)	97		73 - 120		03/18/26 12:07	2

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Client Sample Results

Client: Key Environmental Inc
Project/Site: Alcoa - Wearever

Job ID: 240-245220-1

Client Sample ID: MW-F-I

Lab Sample ID: 240-245220-16

Date Collected: 03/09/26 14:25

Matrix: Water

Date Received: 03/10/26 10:00

Method: SW846 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		1.0	0.48	ug/L			03/18/26 11:19	1
1,1,2,2-Tetrachloroethane	ND		1.0	0.60	ug/L			03/18/26 11:19	1
1,1,2-Trichloroethane	ND		1.0	0.48	ug/L			03/18/26 11:19	1
1,1-Dichloroethane	0.85	J	1.0	0.47	ug/L			03/18/26 11:19	1
1,1-Dichloroethene	ND		1.0	0.49	ug/L			03/18/26 11:19	1
1,2-Dichloroethane	ND		1.0	0.46	ug/L			03/18/26 11:19	1
1,2-Dichloropropane	ND		1.0	0.47	ug/L			03/18/26 11:19	1
2-Hexanone	ND		10	1.1	ug/L			03/18/26 11:19	1
Acetone	7.7	J	10	5.4	ug/L			03/18/26 11:19	1
Benzene	ND		1.0	0.42	ug/L			03/18/26 11:19	1
Bromoform	ND		1.0	0.76	ug/L			03/18/26 11:19	1
Bromomethane	ND		2.0	1.1	ug/L			03/18/26 11:19	1
Carbon disulfide	ND		1.0	0.59	ug/L			03/18/26 11:19	1
Carbon tetrachloride	ND		1.0	0.26	ug/L			03/18/26 11:19	1
Chlorobenzene	ND		1.0	0.38	ug/L			03/18/26 11:19	1
Chloroethane	ND		1.0	0.83	ug/L			03/18/26 11:19	1
Chloroform	ND		1.0	0.47	ug/L			03/18/26 11:19	1
Chloromethane	ND		1.0	0.63	ug/L			03/18/26 11:19	1
cis-1,2-Dichloroethene	35		1.0	0.46	ug/L			03/18/26 11:19	1
cis-1,3-Dichloropropene	ND		1.0	0.61	ug/L			03/18/26 11:19	1
Dichlorobromomethane	ND		1.0	0.38	ug/L			03/18/26 11:19	1
Ethylbenzene	ND		1.0	0.42	ug/L			03/18/26 11:19	1
Hexane	ND		2.0	1.9	ug/L			03/18/26 11:19	1
m-Xylene & p-Xylene	ND		2.0	0.42	ug/L			03/18/26 11:19	1
2-Butanone (MEK)	ND		10	4.2	ug/L			03/18/26 11:19	1
4-Methyl-2-pentanone (MIBK)	ND		10	0.99	ug/L			03/18/26 11:19	1
Methylene Chloride	ND		5.0	2.6	ug/L			03/18/26 11:19	1
o-Xylene	ND		1.0	0.42	ug/L			03/18/26 11:19	1
Styrene	ND		1.0	0.45	ug/L			03/18/26 11:19	1
Tetrachloroethene	ND		1.0	0.44	ug/L			03/18/26 11:19	1
Toluene	ND		1.0	0.44	ug/L			03/18/26 11:19	1
trans-1,2-Dichloroethene	3.1		1.0	0.51	ug/L			03/18/26 11:19	1
trans-1,3-Dichloropropene	ND		1.0	0.67	ug/L			03/18/26 11:19	1
Trichloroethene	0.57	J	1.0	0.44	ug/L			03/18/26 11:19	1
Vinyl chloride	0.80	J	1.0	0.45	ug/L			03/18/26 11:19	1
Xylenes, Total	ND		2.0	0.42	ug/L			03/18/26 11:19	1
Chlorodibromomethane	ND		1.0	0.39	ug/L			03/18/26 11:19	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	98		62 - 137		03/18/26 11:19	1
4-Bromofluorobenzene (Surr)	94		56 - 136		03/18/26 11:19	1
Toluene-d8 (Surr)	94		78 - 122		03/18/26 11:19	1
Dibromofluoromethane (Surr)	97		73 - 120		03/18/26 11:19	1

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Client Sample Results

Client: Key Environmental Inc
Project/Site: Alcoa - Wearever

Job ID: 240-245220-1

Client Sample ID: MW-D-S

Lab Sample ID: 240-245220-17

Date Collected: 03/09/26 14:40

Matrix: Water

Date Received: 03/10/26 10:00

Method: SW846 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		1.0	0.48	ug/L			03/18/26 11:43	1
1,1,2,2-Tetrachloroethane	ND		1.0	0.60	ug/L			03/18/26 11:43	1
1,1,2-Trichloroethane	ND		1.0	0.48	ug/L			03/18/26 11:43	1
1,1-Dichloroethane	ND		1.0	0.47	ug/L			03/18/26 11:43	1
1,1-Dichloroethene	ND		1.0	0.49	ug/L			03/18/26 11:43	1
1,2-Dichloroethane	ND		1.0	0.46	ug/L			03/18/26 11:43	1
1,2-Dichloropropane	ND		1.0	0.47	ug/L			03/18/26 11:43	1
2-Hexanone	ND		10	1.1	ug/L			03/18/26 11:43	1
Acetone	75		10	5.4	ug/L			03/18/26 11:43	1
Benzene	ND		1.0	0.42	ug/L			03/18/26 11:43	1
Bromoform	ND		1.0	0.76	ug/L			03/18/26 11:43	1
Bromomethane	ND		2.0	1.1	ug/L			03/18/26 11:43	1
Carbon disulfide	ND		1.0	0.59	ug/L			03/18/26 11:43	1
Carbon tetrachloride	ND		1.0	0.26	ug/L			03/18/26 11:43	1
Chlorobenzene	ND		1.0	0.38	ug/L			03/18/26 11:43	1
Chloroethane	ND		1.0	0.83	ug/L			03/18/26 11:43	1
Chloroform	ND		1.0	0.47	ug/L			03/18/26 11:43	1
Chloromethane	ND		1.0	0.63	ug/L			03/18/26 11:43	1
cis-1,2-Dichloroethene	9.0		1.0	0.46	ug/L			03/18/26 11:43	1
cis-1,3-Dichloropropene	ND		1.0	0.61	ug/L			03/18/26 11:43	1
Dichlorobromomethane	ND		1.0	0.38	ug/L			03/18/26 11:43	1
Ethylbenzene	ND		1.0	0.42	ug/L			03/18/26 11:43	1
Hexane	ND		2.0	1.9	ug/L			03/18/26 11:43	1
m-Xylene & p-Xylene	ND		2.0	0.42	ug/L			03/18/26 11:43	1
2-Butanone (MEK)	9.4 J		10	4.2	ug/L			03/18/26 11:43	1
4-Methyl-2-pentanone (MIBK)	ND		10	0.99	ug/L			03/18/26 11:43	1
Methylene Chloride	ND		5.0	2.6	ug/L			03/18/26 11:43	1
o-Xylene	ND		1.0	0.42	ug/L			03/18/26 11:43	1
Styrene	ND		1.0	0.45	ug/L			03/18/26 11:43	1
Tetrachloroethene	ND		1.0	0.44	ug/L			03/18/26 11:43	1
Toluene	ND		1.0	0.44	ug/L			03/18/26 11:43	1
trans-1,2-Dichloroethene	0.56 J		1.0	0.51	ug/L			03/18/26 11:43	1
trans-1,3-Dichloropropene	ND		1.0	0.67	ug/L			03/18/26 11:43	1
Trichloroethene	140 F1		1.0	0.44	ug/L			03/18/26 11:43	1
Vinyl chloride	ND		1.0	0.45	ug/L			03/18/26 11:43	1
Xylenes, Total	ND		2.0	0.42	ug/L			03/18/26 11:43	1
Chlorodibromomethane	ND		1.0	0.39	ug/L			03/18/26 11:43	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	102		62 - 137		03/18/26 11:43	1
4-Bromofluorobenzene (Surr)	96		56 - 136		03/18/26 11:43	1
Toluene-d8 (Surr)	96		78 - 122		03/18/26 11:43	1
Dibromofluoromethane (Surr)	97		73 - 120		03/18/26 11:43	1

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Client Sample Results

Client: Key Environmental Inc
Project/Site: Alcoa - Wearever

Job ID: 240-245220-1

Client Sample ID: MW-D-I

Lab Sample ID: 240-245220-18

Date Collected: 03/09/26 14:35

Matrix: Water

Date Received: 03/10/26 10:00

Method: SW846 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		1.0	0.48	ug/L			03/20/26 18:17	1
1,1,1,2-Tetrachloroethane	ND		1.0	0.60	ug/L			03/20/26 18:17	1
1,1,2-Trichloroethane	ND		1.0	0.48	ug/L			03/20/26 18:17	1
1,1-Dichloroethane	ND		1.0	0.47	ug/L			03/20/26 18:17	1
1,1-Dichloroethene	ND		1.0	0.49	ug/L			03/20/26 18:17	1
1,2-Dichloroethane	ND		1.0	0.46	ug/L			03/20/26 18:17	1
1,2-Dichloropropane	ND		1.0	0.47	ug/L			03/20/26 18:17	1
2-Hexanone	ND		10	1.1	ug/L			03/20/26 18:17	1
Acetone	16		10	5.4	ug/L			03/20/26 18:17	1
Benzene	ND		1.0	0.42	ug/L			03/20/26 18:17	1
Bromoform	ND		1.0	0.76	ug/L			03/20/26 18:17	1
Bromomethane	ND		2.0	1.1	ug/L			03/20/26 18:17	1
Carbon disulfide	ND		1.0	0.59	ug/L			03/20/26 18:17	1
Carbon tetrachloride	ND		1.0	0.26	ug/L			03/20/26 18:17	1
Chlorobenzene	ND		1.0	0.38	ug/L			03/20/26 18:17	1
Chloroethane	ND		1.0	0.83	ug/L			03/20/26 18:17	1
Chloroform	ND		1.0	0.47	ug/L			03/20/26 18:17	1
Chloromethane	ND		1.0	0.63	ug/L			03/20/26 18:17	1
cis-1,2-Dichloroethene	0.69	J	1.0	0.46	ug/L			03/20/26 18:17	1
cis-1,3-Dichloropropene	ND		1.0	0.61	ug/L			03/20/26 18:17	1
Dichlorobromomethane	ND		1.0	0.38	ug/L			03/20/26 18:17	1
Ethylbenzene	ND		1.0	0.42	ug/L			03/20/26 18:17	1
Hexane	ND		2.0	1.9	ug/L			03/20/26 18:17	1
m-Xylene & p-Xylene	ND		2.0	0.42	ug/L			03/20/26 18:17	1
2-Butanone (MEK)	ND		10	4.2	ug/L			03/20/26 18:17	1
4-Methyl-2-pentanone (MIBK)	ND		10	0.99	ug/L			03/20/26 18:17	1
Methylene Chloride	ND		5.0	2.6	ug/L			03/20/26 18:17	1
o-Xylene	ND		1.0	0.42	ug/L			03/20/26 18:17	1
Styrene	ND		1.0	0.45	ug/L			03/20/26 18:17	1
Tetrachloroethene	ND		1.0	0.44	ug/L			03/20/26 18:17	1
Toluene	ND		1.0	0.44	ug/L			03/20/26 18:17	1
trans-1,2-Dichloroethene	ND		1.0	0.51	ug/L			03/20/26 18:17	1
trans-1,3-Dichloropropene	ND		1.0	0.67	ug/L			03/20/26 18:17	1
Trichloroethene	ND		1.0	0.44	ug/L			03/20/26 18:17	1
Vinyl chloride	ND		1.0	0.45	ug/L			03/20/26 18:17	1
Xylenes, Total	ND		2.0	0.42	ug/L			03/20/26 18:17	1
Chlorodibromomethane	ND		1.0	0.39	ug/L			03/20/26 18:17	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	121		62 - 137		03/20/26 18:17	1
4-Bromofluorobenzene (Surr)	80		56 - 136		03/20/26 18:17	1
Toluene-d8 (Surr)	92		78 - 122		03/20/26 18:17	1
Dibromofluoromethane (Surr)	111		73 - 120		03/20/26 18:17	1

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Client Sample Results

Client: Key Environmental Inc
Project/Site: Alcoa - Wearever

Job ID: 240-245220-1

Client Sample ID: MW-I-S

Lab Sample ID: 240-245220-19

Date Collected: 03/09/26 13:30

Matrix: Water

Date Received: 03/10/26 10:00

Method: SW846 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		1.0	0.48	ug/L			03/20/26 20:57	1
1,1,1,2-Tetrachloroethane	ND		1.0	0.60	ug/L			03/20/26 20:57	1
1,1,2-Trichloroethane	ND		1.0	0.48	ug/L			03/20/26 20:57	1
1,1-Dichloroethane	ND		1.0	0.47	ug/L			03/20/26 20:57	1
1,1-Dichloroethene	ND		1.0	0.49	ug/L			03/20/26 20:57	1
1,2-Dichloroethane	ND		1.0	0.46	ug/L			03/20/26 20:57	1
1,2-Dichloropropane	ND		1.0	0.47	ug/L			03/20/26 20:57	1
2-Hexanone	ND		10	1.1	ug/L			03/20/26 20:57	1
Acetone	22		10	5.4	ug/L			03/20/26 20:57	1
Benzene	ND		1.0	0.42	ug/L			03/20/26 20:57	1
Bromoform	ND		1.0	0.76	ug/L			03/20/26 20:57	1
Bromomethane	ND		2.0	1.1	ug/L			03/20/26 20:57	1
Carbon disulfide	ND		1.0	0.59	ug/L			03/20/26 20:57	1
Carbon tetrachloride	ND		1.0	0.26	ug/L			03/20/26 20:57	1
Chlorobenzene	ND		1.0	0.38	ug/L			03/20/26 20:57	1
Chloroethane	ND		1.0	0.83	ug/L			03/20/26 20:57	1
Chloroform	ND		1.0	0.47	ug/L			03/20/26 20:57	1
Chloromethane	ND		1.0	0.63	ug/L			03/20/26 20:57	1
cis-1,2-Dichloroethene	ND		1.0	0.46	ug/L			03/20/26 20:57	1
cis-1,3-Dichloropropene	ND		1.0	0.61	ug/L			03/20/26 20:57	1
Dichlorobromomethane	ND		1.0	0.38	ug/L			03/20/26 20:57	1
Ethylbenzene	ND		1.0	0.42	ug/L			03/20/26 20:57	1
Hexane	ND		2.0	1.9	ug/L			03/20/26 20:57	1
m-Xylene & p-Xylene	ND		2.0	0.42	ug/L			03/20/26 20:57	1
2-Butanone (MEK)	ND		10	4.2	ug/L			03/20/26 20:57	1
4-Methyl-2-pentanone (MIBK)	ND		10	0.99	ug/L			03/20/26 20:57	1
Methylene Chloride	ND		5.0	2.6	ug/L			03/20/26 20:57	1
o-Xylene	ND		1.0	0.42	ug/L			03/20/26 20:57	1
Styrene	ND		1.0	0.45	ug/L			03/20/26 20:57	1
Tetrachloroethene	ND		1.0	0.44	ug/L			03/20/26 20:57	1
Toluene	ND		1.0	0.44	ug/L			03/20/26 20:57	1
trans-1,2-Dichloroethene	ND		1.0	0.51	ug/L			03/20/26 20:57	1
trans-1,3-Dichloropropene	ND		1.0	0.67	ug/L			03/20/26 20:57	1
Trichloroethene	2.2		1.0	0.44	ug/L			03/20/26 20:57	1
Vinyl chloride	ND		1.0	0.45	ug/L			03/20/26 20:57	1
Xylenes, Total	ND		2.0	0.42	ug/L			03/20/26 20:57	1
Chlorodibromomethane	ND		1.0	0.39	ug/L			03/20/26 20:57	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	124		62 - 137		03/20/26 20:57	1
4-Bromofluorobenzene (Surr)	82		56 - 136		03/20/26 20:57	1
Toluene-d8 (Surr)	94		78 - 122		03/20/26 20:57	1
Dibromofluoromethane (Surr)	118		73 - 120		03/20/26 20:57	1

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Client Sample Results

Client: Key Environmental Inc
Project/Site: Alcoa - Wearever

Job ID: 240-245220-1

Client Sample ID: MW-I-I

Lab Sample ID: 240-245220-20

Date Collected: 03/09/26 13:25

Matrix: Water

Date Received: 03/10/26 10:00

Method: SW846 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		1.0	0.48	ug/L			03/20/26 18:40	1
1,1,1,2-Tetrachloroethane	ND		1.0	0.60	ug/L			03/20/26 18:40	1
1,1,2-Trichloroethane	ND		1.0	0.48	ug/L			03/20/26 18:40	1
1,1-Dichloroethane	ND		1.0	0.47	ug/L			03/20/26 18:40	1
1,1-Dichloroethene	ND		1.0	0.49	ug/L			03/20/26 18:40	1
1,2-Dichloroethane	ND		1.0	0.46	ug/L			03/20/26 18:40	1
1,2-Dichloropropane	ND		1.0	0.47	ug/L			03/20/26 18:40	1
2-Hexanone	ND		10	1.1	ug/L			03/20/26 18:40	1
Acetone	39		10	5.4	ug/L			03/20/26 18:40	1
Benzene	ND		1.0	0.42	ug/L			03/20/26 18:40	1
Bromoform	ND		1.0	0.76	ug/L			03/20/26 18:40	1
Bromomethane	ND		2.0	1.1	ug/L			03/20/26 18:40	1
Carbon disulfide	ND		1.0	0.59	ug/L			03/20/26 18:40	1
Carbon tetrachloride	ND		1.0	0.26	ug/L			03/20/26 18:40	1
Chlorobenzene	ND		1.0	0.38	ug/L			03/20/26 18:40	1
Chloroethane	ND		1.0	0.83	ug/L			03/20/26 18:40	1
Chloroform	ND		1.0	0.47	ug/L			03/20/26 18:40	1
Chloromethane	ND		1.0	0.63	ug/L			03/20/26 18:40	1
cis-1,2-Dichloroethene	ND		1.0	0.46	ug/L			03/20/26 18:40	1
cis-1,3-Dichloropropene	ND		1.0	0.61	ug/L			03/20/26 18:40	1
Dichlorobromomethane	ND		1.0	0.38	ug/L			03/20/26 18:40	1
Ethylbenzene	ND		1.0	0.42	ug/L			03/20/26 18:40	1
Hexane	ND		2.0	1.9	ug/L			03/20/26 18:40	1
m-Xylene & p-Xylene	ND		2.0	0.42	ug/L			03/20/26 18:40	1
2-Butanone (MEK)	4.5 J		10	4.2	ug/L			03/20/26 18:40	1
4-Methyl-2-pentanone (MIBK)	ND		10	0.99	ug/L			03/20/26 18:40	1
Methylene Chloride	ND		5.0	2.6	ug/L			03/20/26 18:40	1
o-Xylene	ND		1.0	0.42	ug/L			03/20/26 18:40	1
Styrene	ND		1.0	0.45	ug/L			03/20/26 18:40	1
Tetrachloroethene	ND		1.0	0.44	ug/L			03/20/26 18:40	1
Toluene	ND		1.0	0.44	ug/L			03/20/26 18:40	1
trans-1,2-Dichloroethene	ND		1.0	0.51	ug/L			03/20/26 18:40	1
trans-1,3-Dichloropropene	ND		1.0	0.67	ug/L			03/20/26 18:40	1
Trichloroethene	ND		1.0	0.44	ug/L			03/20/26 18:40	1
Vinyl chloride	ND		1.0	0.45	ug/L			03/20/26 18:40	1
Xylenes, Total	ND		2.0	0.42	ug/L			03/20/26 18:40	1
Chlorodibromomethane	ND		1.0	0.39	ug/L			03/20/26 18:40	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	124		62 - 137		03/20/26 18:40	1
4-Bromofluorobenzene (Surr)	87		56 - 136		03/20/26 18:40	1
Toluene-d8 (Surr)	94		78 - 122		03/20/26 18:40	1
Dibromofluoromethane (Surr)	115		73 - 120		03/20/26 18:40	1

Eurofins Cleveland

Client Sample Results

Client: Key Environmental Inc
Project/Site: Alcoa - Wearever

Job ID: 240-245220-1

Client Sample ID: MW-G-S

Lab Sample ID: 240-245220-21

Date Collected: 03/09/26 15:20

Matrix: Water

Date Received: 03/10/26 10:00

Method: SW846 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		1.0	0.48	ug/L			03/20/26 19:03	1
1,1,1,2-Tetrachloroethane	ND		1.0	0.60	ug/L			03/20/26 19:03	1
1,1,2-Trichloroethane	ND		1.0	0.48	ug/L			03/20/26 19:03	1
1,1-Dichloroethane	ND		1.0	0.47	ug/L			03/20/26 19:03	1
1,1-Dichloroethene	ND		1.0	0.49	ug/L			03/20/26 19:03	1
1,2-Dichloroethane	ND		1.0	0.46	ug/L			03/20/26 19:03	1
1,2-Dichloropropane	ND		1.0	0.47	ug/L			03/20/26 19:03	1
2-Hexanone	ND		10	1.1	ug/L			03/20/26 19:03	1
Acetone	ND		10	5.4	ug/L			03/20/26 19:03	1
Benzene	ND		1.0	0.42	ug/L			03/20/26 19:03	1
Bromoform	ND		1.0	0.76	ug/L			03/20/26 19:03	1
Bromomethane	ND		2.0	1.1	ug/L			03/20/26 19:03	1
Carbon disulfide	ND		1.0	0.59	ug/L			03/20/26 19:03	1
Carbon tetrachloride	ND		1.0	0.26	ug/L			03/20/26 19:03	1
Chlorobenzene	ND		1.0	0.38	ug/L			03/20/26 19:03	1
Chloroethane	ND		1.0	0.83	ug/L			03/20/26 19:03	1
Chloroform	ND		1.0	0.47	ug/L			03/20/26 19:03	1
Chloromethane	ND		1.0	0.63	ug/L			03/20/26 19:03	1
cis-1,2-Dichloroethene	ND		1.0	0.46	ug/L			03/20/26 19:03	1
cis-1,3-Dichloropropene	ND		1.0	0.61	ug/L			03/20/26 19:03	1
Dichlorobromomethane	ND		1.0	0.38	ug/L			03/20/26 19:03	1
Ethylbenzene	ND		1.0	0.42	ug/L			03/20/26 19:03	1
Hexane	ND		2.0	1.9	ug/L			03/20/26 19:03	1
m-Xylene & p-Xylene	ND		2.0	0.42	ug/L			03/20/26 19:03	1
2-Butanone (MEK)	ND		10	4.2	ug/L			03/20/26 19:03	1
4-Methyl-2-pentanone (MIBK)	ND		10	0.99	ug/L			03/20/26 19:03	1
Methylene Chloride	ND		5.0	2.6	ug/L			03/20/26 19:03	1
o-Xylene	ND		1.0	0.42	ug/L			03/20/26 19:03	1
Styrene	ND		1.0	0.45	ug/L			03/20/26 19:03	1
Tetrachloroethene	ND		1.0	0.44	ug/L			03/20/26 19:03	1
Toluene	ND		1.0	0.44	ug/L			03/20/26 19:03	1
trans-1,2-Dichloroethene	ND		1.0	0.51	ug/L			03/20/26 19:03	1
trans-1,3-Dichloropropene	ND		1.0	0.67	ug/L			03/20/26 19:03	1
Trichloroethene	ND		1.0	0.44	ug/L			03/20/26 19:03	1
Vinyl chloride	ND		1.0	0.45	ug/L			03/20/26 19:03	1
Xylenes, Total	ND		2.0	0.42	ug/L			03/20/26 19:03	1
Chlorodibromomethane	ND		1.0	0.39	ug/L			03/20/26 19:03	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	122		62 - 137		03/20/26 19:03	1
4-Bromofluorobenzene (Surr)	83		56 - 136		03/20/26 19:03	1
Toluene-d8 (Surr)	92		78 - 122		03/20/26 19:03	1
Dibromofluoromethane (Surr)	111		73 - 120		03/20/26 19:03	1

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Client Sample Results

Client: Key Environmental Inc
Project/Site: Alcoa - Wearever

Job ID: 240-245220-1

Client Sample ID: MW-G-I

Lab Sample ID: 240-245220-22

Date Collected: 03/09/26 15:25

Matrix: Water

Date Received: 03/10/26 10:00

Method: SW846 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		1.0	0.48	ug/L			03/20/26 19:26	1
1,1,1,2-Tetrachloroethane	ND		1.0	0.60	ug/L			03/20/26 19:26	1
1,1,2-Trichloroethane	ND		1.0	0.48	ug/L			03/20/26 19:26	1
1,1-Dichloroethane	ND		1.0	0.47	ug/L			03/20/26 19:26	1
1,1-Dichloroethene	ND		1.0	0.49	ug/L			03/20/26 19:26	1
1,2-Dichloroethane	ND		1.0	0.46	ug/L			03/20/26 19:26	1
1,2-Dichloropropane	ND		1.0	0.47	ug/L			03/20/26 19:26	1
2-Hexanone	ND		10	1.1	ug/L			03/20/26 19:26	1
Acetone	110		10	5.4	ug/L			03/20/26 19:26	1
Benzene	ND		1.0	0.42	ug/L			03/20/26 19:26	1
Bromoform	ND		1.0	0.76	ug/L			03/20/26 19:26	1
Bromomethane	ND		2.0	1.1	ug/L			03/20/26 19:26	1
Carbon disulfide	ND		1.0	0.59	ug/L			03/20/26 19:26	1
Carbon tetrachloride	ND		1.0	0.26	ug/L			03/20/26 19:26	1
Chlorobenzene	ND		1.0	0.38	ug/L			03/20/26 19:26	1
Chloroethane	ND		1.0	0.83	ug/L			03/20/26 19:26	1
Chloroform	ND		1.0	0.47	ug/L			03/20/26 19:26	1
Chloromethane	ND		1.0	0.63	ug/L			03/20/26 19:26	1
cis-1,2-Dichloroethene	ND		1.0	0.46	ug/L			03/20/26 19:26	1
cis-1,3-Dichloropropene	ND		1.0	0.61	ug/L			03/20/26 19:26	1
Dichlorobromomethane	ND		1.0	0.38	ug/L			03/20/26 19:26	1
Ethylbenzene	ND		1.0	0.42	ug/L			03/20/26 19:26	1
Hexane	ND		2.0	1.9	ug/L			03/20/26 19:26	1
m-Xylene & p-Xylene	ND		2.0	0.42	ug/L			03/20/26 19:26	1
2-Butanone (MEK)	4.2 J		10	4.2	ug/L			03/20/26 19:26	1
4-Methyl-2-pentanone (MIBK)	ND		10	0.99	ug/L			03/20/26 19:26	1
Methylene Chloride	ND		5.0	2.6	ug/L			03/20/26 19:26	1
o-Xylene	ND		1.0	0.42	ug/L			03/20/26 19:26	1
Styrene	ND		1.0	0.45	ug/L			03/20/26 19:26	1
Tetrachloroethene	ND		1.0	0.44	ug/L			03/20/26 19:26	1
Toluene	ND		1.0	0.44	ug/L			03/20/26 19:26	1
trans-1,2-Dichloroethene	ND		1.0	0.51	ug/L			03/20/26 19:26	1
trans-1,3-Dichloropropene	ND		1.0	0.67	ug/L			03/20/26 19:26	1
Trichloroethene	ND		1.0	0.44	ug/L			03/20/26 19:26	1
Vinyl chloride	ND		1.0	0.45	ug/L			03/20/26 19:26	1
Xylenes, Total	ND		2.0	0.42	ug/L			03/20/26 19:26	1
Chlorodibromomethane	ND		1.0	0.39	ug/L			03/20/26 19:26	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	127		62 - 137		03/20/26 19:26	1
4-Bromofluorobenzene (Surr)	79		56 - 136		03/20/26 19:26	1
Toluene-d8 (Surr)	92		78 - 122		03/20/26 19:26	1
Dibromofluoromethane (Surr)	118		73 - 120		03/20/26 19:26	1

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Client Sample Results

Client: Key Environmental Inc
Project/Site: Alcoa - Wearever

Job ID: 240-245220-1

Client Sample ID: MW-OS-2

Lab Sample ID: 240-245220-23

Date Collected: 03/09/26 16:35

Matrix: Water

Date Received: 03/10/26 10:00

Method: SW846 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		1.0	0.48	ug/L			03/20/26 19:49	1
1,1,1,2-Tetrachloroethane	ND		1.0	0.60	ug/L			03/20/26 19:49	1
1,1,2-Trichloroethane	ND		1.0	0.48	ug/L			03/20/26 19:49	1
1,1-Dichloroethane	ND		1.0	0.47	ug/L			03/20/26 19:49	1
1,1-Dichloroethene	ND		1.0	0.49	ug/L			03/20/26 19:49	1
1,2-Dichloroethane	ND		1.0	0.46	ug/L			03/20/26 19:49	1
1,2-Dichloropropane	ND		1.0	0.47	ug/L			03/20/26 19:49	1
2-Hexanone	ND		10	1.1	ug/L			03/20/26 19:49	1
Acetone	ND		10	5.4	ug/L			03/20/26 19:49	1
Benzene	ND		1.0	0.42	ug/L			03/20/26 19:49	1
Bromoform	ND		1.0	0.76	ug/L			03/20/26 19:49	1
Bromomethane	ND		2.0	1.1	ug/L			03/20/26 19:49	1
Carbon disulfide	ND		1.0	0.59	ug/L			03/20/26 19:49	1
Carbon tetrachloride	ND		1.0	0.26	ug/L			03/20/26 19:49	1
Chlorobenzene	ND		1.0	0.38	ug/L			03/20/26 19:49	1
Chloroethane	ND		1.0	0.83	ug/L			03/20/26 19:49	1
Chloroform	ND		1.0	0.47	ug/L			03/20/26 19:49	1
Chloromethane	ND		1.0	0.63	ug/L			03/20/26 19:49	1
cis-1,2-Dichloroethene	ND		1.0	0.46	ug/L			03/20/26 19:49	1
cis-1,3-Dichloropropene	ND		1.0	0.61	ug/L			03/20/26 19:49	1
Dichlorobromomethane	ND		1.0	0.38	ug/L			03/20/26 19:49	1
Ethylbenzene	ND		1.0	0.42	ug/L			03/20/26 19:49	1
Hexane	ND		2.0	1.9	ug/L			03/20/26 19:49	1
m-Xylene & p-Xylene	ND		2.0	0.42	ug/L			03/20/26 19:49	1
2-Butanone (MEK)	ND		10	4.2	ug/L			03/20/26 19:49	1
4-Methyl-2-pentanone (MIBK)	ND		10	0.99	ug/L			03/20/26 19:49	1
Methylene Chloride	ND		5.0	2.6	ug/L			03/20/26 19:49	1
o-Xylene	ND		1.0	0.42	ug/L			03/20/26 19:49	1
Styrene	ND		1.0	0.45	ug/L			03/20/26 19:49	1
Tetrachloroethene	ND		1.0	0.44	ug/L			03/20/26 19:49	1
Toluene	ND		1.0	0.44	ug/L			03/20/26 19:49	1
trans-1,2-Dichloroethene	ND		1.0	0.51	ug/L			03/20/26 19:49	1
trans-1,3-Dichloropropene	ND		1.0	0.67	ug/L			03/20/26 19:49	1
Trichloroethene	ND		1.0	0.44	ug/L			03/20/26 19:49	1
Vinyl chloride	ND		1.0	0.45	ug/L			03/20/26 19:49	1
Xylenes, Total	ND		2.0	0.42	ug/L			03/20/26 19:49	1
Chlorodibromomethane	ND		1.0	0.39	ug/L			03/20/26 19:49	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	121		62 - 137		03/20/26 19:49	1
4-Bromofluorobenzene (Surr)	81		56 - 136		03/20/26 19:49	1
Toluene-d8 (Surr)	94		78 - 122		03/20/26 19:49	1
Dibromofluoromethane (Surr)	117		73 - 120		03/20/26 19:49	1

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Client Sample Results

Client: Key Environmental Inc
Project/Site: Alcoa - Wearever

Job ID: 240-245220-1

Client Sample ID: MW-OS-3

Lab Sample ID: 240-245220-24

Date Collected: 03/09/26 16:45

Matrix: Water

Date Received: 03/10/26 10:00

Method: SW846 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		1.0	0.48	ug/L			03/20/26 20:12	1
1,1,2,2-Tetrachloroethane	ND		1.0	0.60	ug/L			03/20/26 20:12	1
1,1,2-Trichloroethane	ND		1.0	0.48	ug/L			03/20/26 20:12	1
1,1-Dichloroethane	ND		1.0	0.47	ug/L			03/20/26 20:12	1
1,1-Dichloroethene	ND		1.0	0.49	ug/L			03/20/26 20:12	1
1,2-Dichloroethane	ND		1.0	0.46	ug/L			03/20/26 20:12	1
1,2-Dichloropropane	ND		1.0	0.47	ug/L			03/20/26 20:12	1
2-Hexanone	ND		10	1.1	ug/L			03/20/26 20:12	1
Acetone	7.4	J	10	5.4	ug/L			03/20/26 20:12	1
Benzene	ND		1.0	0.42	ug/L			03/20/26 20:12	1
Bromoform	ND		1.0	0.76	ug/L			03/20/26 20:12	1
Bromomethane	ND		2.0	1.1	ug/L			03/20/26 20:12	1
Carbon disulfide	ND		1.0	0.59	ug/L			03/20/26 20:12	1
Carbon tetrachloride	ND		1.0	0.26	ug/L			03/20/26 20:12	1
Chlorobenzene	ND		1.0	0.38	ug/L			03/20/26 20:12	1
Chloroethane	ND		1.0	0.83	ug/L			03/20/26 20:12	1
Chloroform	ND		1.0	0.47	ug/L			03/20/26 20:12	1
Chloromethane	ND		1.0	0.63	ug/L			03/20/26 20:12	1
cis-1,2-Dichloroethene	ND		1.0	0.46	ug/L			03/20/26 20:12	1
cis-1,3-Dichloropropene	ND		1.0	0.61	ug/L			03/20/26 20:12	1
Dichlorobromomethane	ND		1.0	0.38	ug/L			03/20/26 20:12	1
Ethylbenzene	ND		1.0	0.42	ug/L			03/20/26 20:12	1
Hexane	ND		2.0	1.9	ug/L			03/20/26 20:12	1
m-Xylene & p-Xylene	ND		2.0	0.42	ug/L			03/20/26 20:12	1
2-Butanone (MEK)	ND		10	4.2	ug/L			03/20/26 20:12	1
4-Methyl-2-pentanone (MIBK)	ND		10	0.99	ug/L			03/20/26 20:12	1
Methylene Chloride	ND		5.0	2.6	ug/L			03/20/26 20:12	1
o-Xylene	ND		1.0	0.42	ug/L			03/20/26 20:12	1
Styrene	ND		1.0	0.45	ug/L			03/20/26 20:12	1
Tetrachloroethene	ND		1.0	0.44	ug/L			03/20/26 20:12	1
Toluene	ND		1.0	0.44	ug/L			03/20/26 20:12	1
trans-1,2-Dichloroethene	ND		1.0	0.51	ug/L			03/20/26 20:12	1
trans-1,3-Dichloropropene	ND		1.0	0.67	ug/L			03/20/26 20:12	1
Trichloroethene	ND		1.0	0.44	ug/L			03/20/26 20:12	1
Vinyl chloride	ND		1.0	0.45	ug/L			03/20/26 20:12	1
Xylenes, Total	ND		2.0	0.42	ug/L			03/20/26 20:12	1
Chlorodibromomethane	ND		1.0	0.39	ug/L			03/20/26 20:12	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	128		62 - 137		03/20/26 20:12	1
4-Bromofluorobenzene (Surr)	76		56 - 136		03/20/26 20:12	1
Toluene-d8 (Surr)	88		78 - 122		03/20/26 20:12	1
Dibromofluoromethane (Surr)	118		73 - 120		03/20/26 20:12	1

Eurofins Cleveland

Client Sample Results

Client: Key Environmental Inc
Project/Site: Alcoa - Wearever

Job ID: 240-245220-1

Client Sample ID: M-99

Lab Sample ID: 240-245220-25

Date Collected: 03/09/26 12:01

Matrix: Water

Date Received: 03/10/26 10:00

Method: SW846 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		1.0	0.48	ug/L			03/20/26 20:35	1
1,1,1,2-Tetrachloroethane	ND		1.0	0.60	ug/L			03/20/26 20:35	1
1,1,2-Trichloroethane	ND		1.0	0.48	ug/L			03/20/26 20:35	1
1,1-Dichloroethane	ND		1.0	0.47	ug/L			03/20/26 20:35	1
1,1-Dichloroethene	ND		1.0	0.49	ug/L			03/20/26 20:35	1
1,2-Dichloroethane	ND		1.0	0.46	ug/L			03/20/26 20:35	1
1,2-Dichloropropane	ND		1.0	0.47	ug/L			03/20/26 20:35	1
2-Hexanone	ND		10	1.1	ug/L			03/20/26 20:35	1
Acetone	21		10	5.4	ug/L			03/20/26 20:35	1
Benzene	ND		1.0	0.42	ug/L			03/20/26 20:35	1
Bromoform	ND		1.0	0.76	ug/L			03/20/26 20:35	1
Bromomethane	ND		2.0	1.1	ug/L			03/20/26 20:35	1
Carbon disulfide	ND		1.0	0.59	ug/L			03/20/26 20:35	1
Carbon tetrachloride	ND		1.0	0.26	ug/L			03/20/26 20:35	1
Chlorobenzene	ND		1.0	0.38	ug/L			03/20/26 20:35	1
Chloroethane	ND		1.0	0.83	ug/L			03/20/26 20:35	1
Chloroform	ND		1.0	0.47	ug/L			03/20/26 20:35	1
Chloromethane	ND		1.0	0.63	ug/L			03/20/26 20:35	1
cis-1,2-Dichloroethene	ND		1.0	0.46	ug/L			03/20/26 20:35	1
cis-1,3-Dichloropropene	ND		1.0	0.61	ug/L			03/20/26 20:35	1
Dichlorobromomethane	ND		1.0	0.38	ug/L			03/20/26 20:35	1
Ethylbenzene	ND		1.0	0.42	ug/L			03/20/26 20:35	1
Hexane	ND		2.0	1.9	ug/L			03/20/26 20:35	1
m-Xylene & p-Xylene	ND		2.0	0.42	ug/L			03/20/26 20:35	1
2-Butanone (MEK)	ND		10	4.2	ug/L			03/20/26 20:35	1
4-Methyl-2-pentanone (MIBK)	ND		10	0.99	ug/L			03/20/26 20:35	1
Methylene Chloride	ND		5.0	2.6	ug/L			03/20/26 20:35	1
o-Xylene	ND		1.0	0.42	ug/L			03/20/26 20:35	1
Styrene	ND		1.0	0.45	ug/L			03/20/26 20:35	1
Tetrachloroethene	ND		1.0	0.44	ug/L			03/20/26 20:35	1
Toluene	ND		1.0	0.44	ug/L			03/20/26 20:35	1
trans-1,2-Dichloroethene	ND		1.0	0.51	ug/L			03/20/26 20:35	1
trans-1,3-Dichloropropene	ND		1.0	0.67	ug/L			03/20/26 20:35	1
Trichloroethene	ND		1.0	0.44	ug/L			03/20/26 20:35	1
Vinyl chloride	ND		1.0	0.45	ug/L			03/20/26 20:35	1
Xylenes, Total	ND		2.0	0.42	ug/L			03/20/26 20:35	1
Chlorodibromomethane	ND		1.0	0.39	ug/L			03/20/26 20:35	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	124		62 - 137		03/20/26 20:35	1
4-Bromofluorobenzene (Surr)	80		56 - 136		03/20/26 20:35	1
Toluene-d8 (Surr)	93		78 - 122		03/20/26 20:35	1
Dibromofluoromethane (Surr)	116		73 - 120		03/20/26 20:35	1

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Client Sample Results

Client: Key Environmental Inc
Project/Site: Alcoa - Wearever

Job ID: 240-245220-1

Client Sample ID: TB-1

Lab Sample ID: 240-245220-26

Date Collected: 03/09/26 18:00

Matrix: Water

Date Received: 03/10/26 10:00

Method: SW846 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		1.0	0.48	ug/L			03/20/26 16:00	1
1,1,1,2-Tetrachloroethane	ND		1.0	0.60	ug/L			03/20/26 16:00	1
1,1,2-Trichloroethane	ND		1.0	0.48	ug/L			03/20/26 16:00	1
1,1-Dichloroethane	ND		1.0	0.47	ug/L			03/20/26 16:00	1
1,1-Dichloroethene	ND		1.0	0.49	ug/L			03/20/26 16:00	1
1,2-Dichloroethane	ND		1.0	0.46	ug/L			03/20/26 16:00	1
1,2-Dichloropropane	ND		1.0	0.47	ug/L			03/20/26 16:00	1
2-Hexanone	ND		10	1.1	ug/L			03/20/26 16:00	1
Acetone	ND		10	5.4	ug/L			03/20/26 16:00	1
Benzene	ND		1.0	0.42	ug/L			03/20/26 16:00	1
Bromoform	ND		1.0	0.76	ug/L			03/20/26 16:00	1
Bromomethane	ND		2.0	1.1	ug/L			03/20/26 16:00	1
Carbon disulfide	ND		1.0	0.59	ug/L			03/20/26 16:00	1
Carbon tetrachloride	ND		1.0	0.26	ug/L			03/20/26 16:00	1
Chlorobenzene	ND		1.0	0.38	ug/L			03/20/26 16:00	1
Chloroethane	ND		1.0	0.83	ug/L			03/20/26 16:00	1
Chloroform	ND		1.0	0.47	ug/L			03/20/26 16:00	1
Chloromethane	ND		1.0	0.63	ug/L			03/20/26 16:00	1
cis-1,2-Dichloroethene	ND		1.0	0.46	ug/L			03/20/26 16:00	1
cis-1,3-Dichloropropene	ND		1.0	0.61	ug/L			03/20/26 16:00	1
Dichlorobromomethane	ND		1.0	0.38	ug/L			03/20/26 16:00	1
Ethylbenzene	ND		1.0	0.42	ug/L			03/20/26 16:00	1
Hexane	ND		2.0	1.9	ug/L			03/20/26 16:00	1
m-Xylene & p-Xylene	ND		2.0	0.42	ug/L			03/20/26 16:00	1
2-Butanone (MEK)	ND		10	4.2	ug/L			03/20/26 16:00	1
4-Methyl-2-pentanone (MIBK)	ND		10	0.99	ug/L			03/20/26 16:00	1
Methylene Chloride	ND		5.0	2.6	ug/L			03/20/26 16:00	1
o-Xylene	ND		1.0	0.42	ug/L			03/20/26 16:00	1
Styrene	ND		1.0	0.45	ug/L			03/20/26 16:00	1
Tetrachloroethene	ND		1.0	0.44	ug/L			03/20/26 16:00	1
Toluene	ND		1.0	0.44	ug/L			03/20/26 16:00	1
trans-1,2-Dichloroethene	ND		1.0	0.51	ug/L			03/20/26 16:00	1
trans-1,3-Dichloropropene	ND		1.0	0.67	ug/L			03/20/26 16:00	1
Trichloroethene	ND		1.0	0.44	ug/L			03/20/26 16:00	1
Vinyl chloride	ND		1.0	0.45	ug/L			03/20/26 16:00	1
Xylenes, Total	ND		2.0	0.42	ug/L			03/20/26 16:00	1
Chlorodibromomethane	ND		1.0	0.39	ug/L			03/20/26 16:00	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	113		62 - 137		03/20/26 16:00	1
4-Bromofluorobenzene (Surr)	88		56 - 136		03/20/26 16:00	1
Toluene-d8 (Surr)	95		78 - 122		03/20/26 16:00	1
Dibromofluoromethane (Surr)	106		73 - 120		03/20/26 16:00	1

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Surrogate Summary

Client: Key Environmental Inc
Project/Site: Alcoa - Wearever

Job ID: 240-245220-1

Method: 8260D - Volatile Organic Compounds by GC/MS

Matrix: Water

Prep Type: Total/NA

Lab Sample ID	Client Sample ID	Percent Surrogate Recovery (Acceptance Limits)			
		DCA (62-137)	BFB (56-136)	TOL (78-122)	DBFM (73-120)
240-245220-1	MW-DS-I	100	94	96	98
240-245220-2	MW-DT-S	98	95	96	95
240-245220-2	MW-DT-S	100	95	97	98
240-245220-3	MW-LP-I	101	96	98	98
240-245220-3	MW-LP-I	97	92	93	94
240-245220-4	MW-1S	101	96	98	100
240-245220-4 - RA	MW-1S	100	90	94	95
240-245220-5	MW-AS2-S	98	91	95	97
240-245220-6	MW-AS3-S	101	96	97	98
240-245220-6	MW-AS3-S	100	96	97	97
240-245220-7	MW-AS4-S	102	91	95	98
240-245220-7	MW-AS4-S	99	95	97	96
240-245220-8	MW-AS5-S	102	92	96	98
240-245220-8	MW-AS5-S	98	95	94	96
240-245220-9	MW-BL-S	101	96	99	99
240-245220-10	MW-GA-S	101	97	96	98
240-245220-11	MW-5	103	96	98	100
240-245220-12	MW-B-I	100	93	97	97
240-245220-13	MW-C-S	99	94	95	98
240-245220-14	MW-C-I	99	95	96	97
240-245220-14	MW-C-I	99	94	95	97
240-245220-15	MW-F-S	99	95	96	97
240-245220-16	MW-F-I	98	94	94	97
240-245220-17	MW-D-S	102	96	96	97
240-245220-17 MS	MW-D-S MS	97	96	96	96
240-245220-17 MSD	MW-D-S MSD	98	101	99	97
240-245220-18	MW-D-I	121	80	92	111
240-245220-19	MW-I-S	124	82	94	118
240-245220-20	MW-I-I	124	87	94	115
240-245220-21	MW-G-S	122	83	92	111
240-245220-22	MW-G-I	127	79	92	118
240-245220-23	MW-OS-2	121	81	94	117
240-245220-24	MW-OS-3	128	76	88	118
240-245220-25	M-99	124	80	93	116
240-245220-26	TB-1	113	88	95	106
LCS 240-694010/3	Lab Control Sample	97	99	95	98
LCS 240-694084/3	Lab Control Sample	99	102	95	101
LCS 240-694497/3	Lab Control Sample	102	98	96	97
LCS 240-695031/4	Lab Control Sample	100	95	94	96
MB 240-694010/5	Method Blank	98	93	94	96
MB 240-694084/5	Method Blank	99	96	95	98
MB 240-694497/5	Method Blank	117	89	94	109
MB 240-695031/6	Method Blank	101	95	98	96

Surrogate Legend

DCA = 1,2-Dichloroethane-d4 (Surr)
BFB = 4-Bromofluorobenzene (Surr)
TOL = Toluene-d8 (Surr)
DBFM = Dibromofluoromethane (Surr)

QC Sample Results

Client: Key Environmental Inc
Project/Site: Alcoa - Wearever

Job ID: 240-245220-1

Method: 8260D - Volatile Organic Compounds by GC/MS

Lab Sample ID: MB 240-694010/5

Matrix: Water

Analysis Batch: 694010

Client Sample ID: Method Blank

Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		1.0	0.48	ug/L			03/17/26 22:42	1
1,1,2,2-Tetrachloroethane	ND		1.0	0.60	ug/L			03/17/26 22:42	1
1,1,2-Trichloroethane	ND		1.0	0.48	ug/L			03/17/26 22:42	1
1,1-Dichloroethane	ND		1.0	0.47	ug/L			03/17/26 22:42	1
1,1-Dichloroethene	ND		1.0	0.49	ug/L			03/17/26 22:42	1
1,2-Dichloroethane	ND		1.0	0.46	ug/L			03/17/26 22:42	1
1,2-Dichloropropane	ND		1.0	0.47	ug/L			03/17/26 22:42	1
2-Hexanone	ND		10	1.1	ug/L			03/17/26 22:42	1
Acetone	ND		10	5.4	ug/L			03/17/26 22:42	1
Benzene	ND		1.0	0.42	ug/L			03/17/26 22:42	1
Bromoform	ND		1.0	0.76	ug/L			03/17/26 22:42	1
Bromomethane	ND		2.0	1.1	ug/L			03/17/26 22:42	1
Carbon disulfide	ND		1.0	0.59	ug/L			03/17/26 22:42	1
Carbon tetrachloride	ND		1.0	0.26	ug/L			03/17/26 22:42	1
Chlorobenzene	ND		1.0	0.38	ug/L			03/17/26 22:42	1
Chloroethane	ND		1.0	0.83	ug/L			03/17/26 22:42	1
Chloroform	ND		1.0	0.47	ug/L			03/17/26 22:42	1
Chloromethane	ND		1.0	0.63	ug/L			03/17/26 22:42	1
cis-1,2-Dichloroethene	ND		1.0	0.46	ug/L			03/17/26 22:42	1
cis-1,3-Dichloropropene	ND		1.0	0.61	ug/L			03/17/26 22:42	1
Dichlorobromomethane	ND		1.0	0.38	ug/L			03/17/26 22:42	1
Ethylbenzene	ND		1.0	0.42	ug/L			03/17/26 22:42	1
Hexane	ND		2.0	1.9	ug/L			03/17/26 22:42	1
m-Xylene & p-Xylene	ND		2.0	0.42	ug/L			03/17/26 22:42	1
2-Butanone (MEK)	ND		10	4.2	ug/L			03/17/26 22:42	1
4-Methyl-2-pentanone (MIBK)	ND		10	0.99	ug/L			03/17/26 22:42	1
Methylene Chloride	ND		5.0	2.6	ug/L			03/17/26 22:42	1
o-Xylene	ND		1.0	0.42	ug/L			03/17/26 22:42	1
Styrene	ND		1.0	0.45	ug/L			03/17/26 22:42	1
Tetrachloroethene	ND		1.0	0.44	ug/L			03/17/26 22:42	1
Toluene	ND		1.0	0.44	ug/L			03/17/26 22:42	1
trans-1,2-Dichloroethene	ND		1.0	0.51	ug/L			03/17/26 22:42	1
trans-1,3-Dichloropropene	ND		1.0	0.67	ug/L			03/17/26 22:42	1
Trichloroethene	ND		1.0	0.44	ug/L			03/17/26 22:42	1
Vinyl chloride	ND		1.0	0.45	ug/L			03/17/26 22:42	1
Xylenes, Total	ND		2.0	0.42	ug/L			03/17/26 22:42	1
Chlorodibromomethane	ND		1.0	0.39	ug/L			03/17/26 22:42	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	98		62 - 137		03/17/26 22:42	1
4-Bromofluorobenzene (Surr)	93		56 - 136		03/17/26 22:42	1
Toluene-d8 (Surr)	94		78 - 122		03/17/26 22:42	1
Dibromofluoromethane (Surr)	96		73 - 120		03/17/26 22:42	1

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QC Sample Results

Client: Key Environmental Inc
Project/Site: Alcoa - Wearever

Job ID: 240-245220-1

Method: 8260D - Volatile Organic Compounds by GC/MS (Continued)

Lab Sample ID: LCS 240-694010/3

Matrix: Water

Analysis Batch: 694010

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	50.0	51.1		ug/L		102	64 - 131
1,1,2,2-Tetrachloroethane	50.0	53.0		ug/L		106	58 - 157
1,1,2-Trichloroethane	50.0	51.8		ug/L		104	70 - 138
1,1-Dichloroethane	50.0	50.8		ug/L		102	72 - 127
1,1-Dichloroethene	50.0	44.6		ug/L		89	63 - 134
1,2-Dichloroethane	50.0	47.4		ug/L		95	66 - 128
1,2-Dichloropropane	50.0	44.0		ug/L		88	75 - 133
2-Hexanone	100	102		ug/L		102	43 - 167
Acetone	100	111		ug/L		111	50 - 149
Benzene	50.0	47.8		ug/L		96	77 - 123
Bromoform	50.0	47.0		ug/L		94	57 - 129
Bromomethane	50.0	46.2		ug/L		92	36 - 142
Carbon disulfide	50.0	40.8		ug/L		82	43 - 140
Carbon tetrachloride	50.0	48.4		ug/L		97	55 - 137
Chlorobenzene	50.0	48.0		ug/L		96	80 - 121
Chloroethane	50.0	50.0		ug/L		100	38 - 152
Chloroform	50.0	48.6		ug/L		97	74 - 122
Chloromethane	50.0	42.2		ug/L		84	47 - 143
cis-1,2-Dichloroethene	50.0	46.7		ug/L		93	77 - 123
cis-1,3-Dichloropropene	50.0	47.7		ug/L		95	64 - 130
Dichlorobromomethane	50.0	48.6		ug/L		97	69 - 126
Ethylbenzene	50.0	47.5		ug/L		95	80 - 121
Hexane	50.0	44.4		ug/L		89	53 - 144
m-Xylene & p-Xylene	50.0	47.9		ug/L		96	80 - 120
2-Butanone (MEK)	100	111		ug/L		111	54 - 156
4-Methyl-2-pentanone (MIBK)	100	102		ug/L		102	46 - 158
Methylene Chloride	50.0	51.0		ug/L		102	71 - 125
o-Xylene	50.0	49.2		ug/L		98	80 - 123
Styrene	50.0	50.6		ug/L		101	80 - 135
Tetrachloroethene	50.0	45.4		ug/L		91	76 - 123
Toluene	50.0	45.1		ug/L		90	80 - 123
trans-1,2-Dichloroethene	50.0	45.3		ug/L		91	75 - 124
trans-1,3-Dichloropropene	50.0	51.5		ug/L		103	57 - 129
Trichloroethene	50.0	43.8		ug/L		88	70 - 122
Vinyl chloride	50.0	48.4		ug/L		97	60 - 144
Xylenes, Total	100	97.1		ug/L		97	80 - 121
Chlorodibromomethane	50.0	49.2		ug/L		98	70 - 124

Surrogate	LCS %Recovery	LCS Qualifier	Limits
1,2-Dichloroethane-d4 (Surr)	97		62 - 137
4-Bromofluorobenzene (Surr)	99		56 - 136
Toluene-d8 (Surr)	95		78 - 122
Dibromofluoromethane (Surr)	98		73 - 120

QC Sample Results

Client: Key Environmental Inc
Project/Site: Alcoa - Wearever

Job ID: 240-245220-1

Method: 8260D - Volatile Organic Compounds by GC/MS (Continued)

Lab Sample ID: MB 240-694084/5

Matrix: Water

Analysis Batch: 694084

Client Sample ID: Method Blank

Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		1.0	0.48	ug/L			03/18/26 10:31	1
1,1,2,2-Tetrachloroethane	ND		1.0	0.60	ug/L			03/18/26 10:31	1
1,1,2-Trichloroethane	ND		1.0	0.48	ug/L			03/18/26 10:31	1
1,1-Dichloroethane	ND		1.0	0.47	ug/L			03/18/26 10:31	1
1,1-Dichloroethene	ND		1.0	0.49	ug/L			03/18/26 10:31	1
1,2-Dichloroethane	ND		1.0	0.46	ug/L			03/18/26 10:31	1
1,2-Dichloropropane	ND		1.0	0.47	ug/L			03/18/26 10:31	1
2-Hexanone	ND		10	1.1	ug/L			03/18/26 10:31	1
Acetone	ND		10	5.4	ug/L			03/18/26 10:31	1
Benzene	ND		1.0	0.42	ug/L			03/18/26 10:31	1
Bromoform	ND		1.0	0.76	ug/L			03/18/26 10:31	1
Bromomethane	ND		2.0	1.1	ug/L			03/18/26 10:31	1
Carbon disulfide	ND		1.0	0.59	ug/L			03/18/26 10:31	1
Carbon tetrachloride	ND		1.0	0.26	ug/L			03/18/26 10:31	1
Chlorobenzene	ND		1.0	0.38	ug/L			03/18/26 10:31	1
Chloroethane	ND		1.0	0.83	ug/L			03/18/26 10:31	1
Chloroform	ND		1.0	0.47	ug/L			03/18/26 10:31	1
Chloromethane	ND		1.0	0.63	ug/L			03/18/26 10:31	1
cis-1,2-Dichloroethene	ND		1.0	0.46	ug/L			03/18/26 10:31	1
cis-1,3-Dichloropropene	ND		1.0	0.61	ug/L			03/18/26 10:31	1
Dichlorobromomethane	ND		1.0	0.38	ug/L			03/18/26 10:31	1
Ethylbenzene	ND		1.0	0.42	ug/L			03/18/26 10:31	1
Hexane	ND		2.0	1.9	ug/L			03/18/26 10:31	1
m-Xylene & p-Xylene	ND		2.0	0.42	ug/L			03/18/26 10:31	1
2-Butanone (MEK)	ND		10	4.2	ug/L			03/18/26 10:31	1
4-Methyl-2-pentanone (MIBK)	ND		10	0.99	ug/L			03/18/26 10:31	1
Methylene Chloride	ND		5.0	2.6	ug/L			03/18/26 10:31	1
o-Xylene	ND		1.0	0.42	ug/L			03/18/26 10:31	1
Styrene	ND		1.0	0.45	ug/L			03/18/26 10:31	1
Tetrachloroethene	ND		1.0	0.44	ug/L			03/18/26 10:31	1
Toluene	ND		1.0	0.44	ug/L			03/18/26 10:31	1
trans-1,2-Dichloroethene	ND		1.0	0.51	ug/L			03/18/26 10:31	1
trans-1,3-Dichloropropene	ND		1.0	0.67	ug/L			03/18/26 10:31	1
Trichloroethene	ND		1.0	0.44	ug/L			03/18/26 10:31	1
Vinyl chloride	ND		1.0	0.45	ug/L			03/18/26 10:31	1
Xylenes, Total	ND		2.0	0.42	ug/L			03/18/26 10:31	1
Chlorodibromomethane	ND		1.0	0.39	ug/L			03/18/26 10:31	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	99		62 - 137		03/18/26 10:31	1
4-Bromofluorobenzene (Surr)	96		56 - 136		03/18/26 10:31	1
Toluene-d8 (Surr)	95		78 - 122		03/18/26 10:31	1
Dibromofluoromethane (Surr)	98		73 - 120		03/18/26 10:31	1

Eurofins Cleveland

QC Sample Results

Client: Key Environmental Inc
Project/Site: Alcoa - Wearever

Job ID: 240-245220-1

Method: 8260D - Volatile Organic Compounds by GC/MS (Continued)

Lab Sample ID: LCS 240-694084/3

Matrix: Water

Analysis Batch: 694084

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	50.0	57.9		ug/L		116	64 - 131
1,1,1,2-Tetrachloroethane	50.0	50.6		ug/L		101	58 - 157
1,1,2-Trichloroethane	50.0	51.8		ug/L		104	70 - 138
1,1-Dichloroethane	50.0	55.8		ug/L		112	72 - 127
1,1-Dichloroethene	50.0	53.6		ug/L		107	63 - 134
1,2-Dichloroethane	50.0	49.7		ug/L		99	66 - 128
1,2-Dichloropropane	50.0	46.2		ug/L		92	75 - 133
2-Hexanone	100	97.7		ug/L		98	43 - 167
Acetone	100	114		ug/L		114	50 - 149
Benzene	50.0	51.0		ug/L		102	77 - 123
Bromoform	50.0	47.3		ug/L		95	57 - 129
Bromomethane	50.0	52.2		ug/L		104	36 - 142
Carbon disulfide	50.0	48.5		ug/L		97	43 - 140
Carbon tetrachloride	50.0	57.2		ug/L		114	55 - 137
Chlorobenzene	50.0	50.8		ug/L		102	80 - 121
Chloroethane	50.0	55.9		ug/L		112	38 - 152
Chloroform	50.0	53.8		ug/L		108	74 - 122
Chloromethane	50.0	47.3		ug/L		95	47 - 143
cis-1,2-Dichloroethene	50.0	51.9		ug/L		104	77 - 123
cis-1,3-Dichloropropene	50.0	51.8		ug/L		104	64 - 130
Dichlorobromomethane	50.0	50.7		ug/L		101	69 - 126
Ethylbenzene	50.0	51.2		ug/L		102	80 - 121
Hexane	50.0	63.4		ug/L		127	53 - 144
m-Xylene & p-Xylene	50.0	51.4		ug/L		103	80 - 120
2-Butanone (MEK)	100	114		ug/L		114	54 - 156
4-Methyl-2-pentanone (MIBK)	100	103		ug/L		103	46 - 158
Methylene Chloride	50.0	55.7		ug/L		111	71 - 125
o-Xylene	50.0	51.6		ug/L		103	80 - 123
Styrene	50.0	52.7		ug/L		105	80 - 135
Tetrachloroethene	50.0	48.3		ug/L		97	76 - 123
Toluene	50.0	46.4		ug/L		93	80 - 123
trans-1,2-Dichloroethene	50.0	51.2		ug/L		102	75 - 124
trans-1,3-Dichloropropene	50.0	52.5		ug/L		105	57 - 129
Trichloroethene	50.0	48.2		ug/L		96	70 - 122
Vinyl chloride	50.0	56.9		ug/L		114	60 - 144
Xylenes, Total	100	103		ug/L		103	80 - 121
Chlorodibromomethane	50.0	48.9		ug/L		98	70 - 124

Surrogate	LCS %Recovery	LCS Qualifier	Limits
1,2-Dichloroethane-d4 (Surr)	99		62 - 137
4-Bromofluorobenzene (Surr)	102		56 - 136
Toluene-d8 (Surr)	95		78 - 122
Dibromofluoromethane (Surr)	101		73 - 120

QC Sample Results

Client: Key Environmental Inc
Project/Site: Alcoa - Wearever

Job ID: 240-245220-1

Method: 8260D - Volatile Organic Compounds by GC/MS (Continued)

Lab Sample ID: 240-245220-17 MS

Matrix: Water

Analysis Batch: 694084

Client Sample ID: MW-D-S MS

Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
1,1,1-Trichloroethane	ND		50.0	49.4		ug/L		99	60 - 130
1,1,1,2-Tetrachloroethane	ND		50.0	51.4		ug/L		103	54 - 145
1,1,2-Trichloroethane	ND		50.0	51.1		ug/L		102	69 - 131
1,1-Dichloroethane	ND		50.0	49.7		ug/L		99	68 - 125
1,1-Dichloroethene	ND		50.0	44.4		ug/L		89	56 - 135
1,2-Dichloroethane	ND		50.0	46.8		ug/L		94	63 - 126
1,2-Dichloropropane	ND		50.0	42.7		ug/L		85	69 - 130
2-Hexanone	ND		100	109		ug/L		109	35 - 156
Acetone	75		100	188		ug/L		114	33 - 149
Benzene	ND		50.0	48.0		ug/L		96	64 - 128
Bromoform	ND		50.0	44.5		ug/L		89	47 - 125
Bromomethane	ND		50.0	43.6		ug/L		87	28 - 150
Carbon disulfide	ND		50.0	38.2		ug/L		76	38 - 140
Carbon tetrachloride	ND		50.0	49.1		ug/L		98	51 - 133
Chlorobenzene	ND		50.0	48.2		ug/L		96	74 - 121
Chloroethane	ND		50.0	47.9		ug/L		96	10 - 199
Chloroform	ND		50.0	48.1		ug/L		96	70 - 122
Chloromethane	ND		50.0	40.2		ug/L		80	32 - 149
cis-1,2-Dichloroethene	9.0		50.0	53.1		ug/L		88	66 - 128
cis-1,3-Dichloropropene	ND		50.0	44.0		ug/L		88	47 - 125
Dichlorobromomethane	ND		50.0	46.6		ug/L		93	62 - 125
Ethylbenzene	ND		50.0	48.9		ug/L		98	67 - 127
Hexane	ND		50.0	46.3		ug/L		93	41 - 131
m-Xylene & p-Xylene	ND		50.0	48.3		ug/L		97	71 - 123
2-Butanone (MEK)	9.4	J	100	123		ug/L		113	40 - 151
4-Methyl-2-pentanone (MIBK)	ND		100	105		ug/L		105	31 - 153
Methylene Chloride	ND		50.0	46.5		ug/L		93	62 - 129
o-Xylene	ND		50.0	49.2		ug/L		98	70 - 125
Styrene	ND		50.0	50.4		ug/L		101	70 - 139
Tetrachloroethene	ND		50.0	47.1		ug/L		94	62 - 131
Toluene	ND		50.0	45.6		ug/L		91	58 - 135
trans-1,2-Dichloroethene	0.56	J	50.0	45.2		ug/L		89	56 - 136
trans-1,3-Dichloropropene	ND		50.0	46.9		ug/L		94	47 - 120
Trichloroethene	140	F1	50.0	205	F1	ug/L		127	61 - 124
Vinyl chloride	ND		50.0	48.6		ug/L		97	43 - 157
Xylenes, Total	ND		100	97.5		ug/L		98	71 - 123
Chlorodibromomethane	ND		50.0	45.6		ug/L		91	65 - 120

Surrogate	MS %Recovery	MS Qualifier	Limits
1,2-Dichloroethane-d4 (Surr)	97		62 - 137
4-Bromofluorobenzene (Surr)	96		56 - 136
Toluene-d8 (Surr)	96		78 - 122
Dibromofluoromethane (Surr)	96		73 - 120

QC Sample Results

Client: Key Environmental Inc
Project/Site: Alcoa - Wearever

Job ID: 240-245220-1

Method: 8260D - Volatile Organic Compounds by GC/MS (Continued)

Lab Sample ID: 240-245220-17 MSD

Matrix: Water

Analysis Batch: 694084

Client Sample ID: MW-D-S MSD

Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
1,1,1-Trichloroethane	ND		50.0	49.3		ug/L		99	60 - 130	0	17
1,1,2,2-Tetrachloroethane	ND		50.0	52.9		ug/L		106	54 - 145	3	15
1,1,2-Trichloroethane	ND		50.0	51.1		ug/L		102	69 - 131	0	14
1,1-Dichloroethane	ND		50.0	49.5		ug/L		99	68 - 125	0	13
1,1-Dichloroethene	ND		50.0	44.0		ug/L		88	56 - 135	1	26
1,2-Dichloroethane	ND		50.0	46.3		ug/L		93	63 - 126	1	12
1,2-Dichloropropane	ND		50.0	43.3		ug/L		87	69 - 130	1	13
2-Hexanone	ND		100	106		ug/L		106	35 - 156	3	17
Acetone	75		100	187		ug/L		112	33 - 149	1	34
Benzene	ND		50.0	47.8		ug/L		96	64 - 128	0	14
Bromoform	ND		50.0	43.8		ug/L		88	47 - 125	2	15
Bromomethane	ND		50.0	44.0		ug/L		88	28 - 150	1	26
Carbon disulfide	ND		50.0	38.7		ug/L		77	38 - 140	1	23
Carbon tetrachloride	ND		50.0	48.4		ug/L		97	51 - 133	1	24
Chlorobenzene	ND		50.0	48.6		ug/L		97	74 - 121	1	14
Chloroethane	ND		50.0	47.7		ug/L		95	10 - 199	0	30
Chloroform	ND		50.0	47.5		ug/L		95	70 - 122	1	14
Chloromethane	ND		50.0	41.0		ug/L		82	32 - 149	2	27
cis-1,2-Dichloroethene	9.0		50.0	53.3		ug/L		89	66 - 128	0	14
cis-1,3-Dichloropropene	ND		50.0	44.3		ug/L		89	47 - 125	1	13
Dichlorobromomethane	ND		50.0	46.6		ug/L		93	62 - 125	0	13
Ethylbenzene	ND		50.0	49.3		ug/L		99	67 - 127	1	15
Hexane	ND		50.0	43.8		ug/L		88	41 - 131	6	35
m-Xylene & p-Xylene	ND		50.0	49.1		ug/L		98	71 - 123	1	16
2-Butanone (MEK)	9.4	J	100	122		ug/L		113	40 - 151	0	20
4-Methyl-2-pentanone (MIBK)	ND		100	105		ug/L		105	31 - 153	0	15
Methylene Chloride	ND		50.0	46.2		ug/L		92	62 - 129	1	17
o-Xylene	ND		50.0	49.8		ug/L		100	70 - 125	1	15
Styrene	ND		50.0	50.5		ug/L		101	70 - 139	0	18
Tetrachloroethene	ND		50.0	46.9		ug/L		94	62 - 131	0	20
Toluene	ND		50.0	45.9		ug/L		92	58 - 135	1	14
trans-1,2-Dichloroethene	0.56	J	50.0	45.6		ug/L		90	56 - 136	1	15
trans-1,3-Dichloropropene	ND		50.0	47.1		ug/L		94	47 - 120	0	14
Trichloroethene	140	F1	50.0	212	F1	ug/L		141	61 - 124	3	15
Vinyl chloride	ND		50.0	48.6		ug/L		97	43 - 157	0	24
Xylenes, Total	ND		100	98.9		ug/L		99	71 - 123	1	15
Chlorodibromomethane	ND		50.0	47.4		ug/L		95	65 - 120	4	13

Surrogate	MSD %Recovery	MSD Qualifier	Limits
1,2-Dichloroethane-d4 (Surr)	98		62 - 137
4-Bromofluorobenzene (Surr)	101		56 - 136
Toluene-d8 (Surr)	99		78 - 122
Dibromofluoromethane (Surr)	97		73 - 120

QC Sample Results

Client: Key Environmental Inc
Project/Site: Alcoa - Wearever

Job ID: 240-245220-1

Method: 8260D - Volatile Organic Compounds by GC/MS (Continued)

Lab Sample ID: MB 240-694497/5

Matrix: Water

Analysis Batch: 694497

Client Sample ID: Method Blank

Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		1.0	0.48	ug/L			03/20/26 15:15	1
1,1,2,2-Tetrachloroethane	ND		1.0	0.60	ug/L			03/20/26 15:15	1
1,1,2-Trichloroethane	ND		1.0	0.48	ug/L			03/20/26 15:15	1
1,1-Dichloroethane	ND		1.0	0.47	ug/L			03/20/26 15:15	1
1,1-Dichloroethene	ND		1.0	0.49	ug/L			03/20/26 15:15	1
1,2-Dichloroethane	ND		1.0	0.46	ug/L			03/20/26 15:15	1
1,2-Dichloropropane	ND		1.0	0.47	ug/L			03/20/26 15:15	1
2-Hexanone	ND		10	1.1	ug/L			03/20/26 15:15	1
Acetone	ND		10	5.4	ug/L			03/20/26 15:15	1
Benzene	ND		1.0	0.42	ug/L			03/20/26 15:15	1
Bromoform	ND		1.0	0.76	ug/L			03/20/26 15:15	1
Bromomethane	ND		2.0	1.1	ug/L			03/20/26 15:15	1
Carbon disulfide	ND		1.0	0.59	ug/L			03/20/26 15:15	1
Carbon tetrachloride	ND		1.0	0.26	ug/L			03/20/26 15:15	1
Chlorobenzene	ND		1.0	0.38	ug/L			03/20/26 15:15	1
Chloroethane	ND		1.0	0.83	ug/L			03/20/26 15:15	1
Chloroform	ND		1.0	0.47	ug/L			03/20/26 15:15	1
Chloromethane	ND		1.0	0.63	ug/L			03/20/26 15:15	1
cis-1,2-Dichloroethene	ND		1.0	0.46	ug/L			03/20/26 15:15	1
cis-1,3-Dichloropropene	ND		1.0	0.61	ug/L			03/20/26 15:15	1
Dichlorobromomethane	ND		1.0	0.38	ug/L			03/20/26 15:15	1
Ethylbenzene	ND		1.0	0.42	ug/L			03/20/26 15:15	1
Hexane	ND		2.0	1.9	ug/L			03/20/26 15:15	1
m-Xylene & p-Xylene	ND		2.0	0.42	ug/L			03/20/26 15:15	1
2-Butanone (MEK)	ND		10	4.2	ug/L			03/20/26 15:15	1
4-Methyl-2-pentanone (MIBK)	ND		10	0.99	ug/L			03/20/26 15:15	1
Methylene Chloride	ND		5.0	2.6	ug/L			03/20/26 15:15	1
o-Xylene	ND		1.0	0.42	ug/L			03/20/26 15:15	1
Styrene	ND		1.0	0.45	ug/L			03/20/26 15:15	1
Tetrachloroethene	ND		1.0	0.44	ug/L			03/20/26 15:15	1
Toluene	ND		1.0	0.44	ug/L			03/20/26 15:15	1
trans-1,2-Dichloroethene	ND		1.0	0.51	ug/L			03/20/26 15:15	1
trans-1,3-Dichloropropene	ND		1.0	0.67	ug/L			03/20/26 15:15	1
Trichloroethene	ND		1.0	0.44	ug/L			03/20/26 15:15	1
Vinyl chloride	ND		1.0	0.45	ug/L			03/20/26 15:15	1
Xylenes, Total	ND		2.0	0.42	ug/L			03/20/26 15:15	1
Chlorodibromomethane	ND		1.0	0.39	ug/L			03/20/26 15:15	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	117		62 - 137		03/20/26 15:15	1
4-Bromofluorobenzene (Surr)	89		56 - 136		03/20/26 15:15	1
Toluene-d8 (Surr)	94		78 - 122		03/20/26 15:15	1
Dibromofluoromethane (Surr)	109		73 - 120		03/20/26 15:15	1

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QC Sample Results

Client: Key Environmental Inc
Project/Site: Alcoa - Wearever

Job ID: 240-245220-1

Method: 8260D - Volatile Organic Compounds by GC/MS (Continued)

Lab Sample ID: LCS 240-694497/3

Matrix: Water

Analysis Batch: 694497

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	50.0	50.8		ug/L		102	64 - 131
1,1,1,2-Tetrachloroethane	50.0	51.5		ug/L		103	58 - 157
1,1,2-Trichloroethane	50.0	51.4		ug/L		103	70 - 138
1,1-Dichloroethane	50.0	49.3		ug/L		99	72 - 127
1,1-Dichloroethene	50.0	51.5		ug/L		103	63 - 134
1,2-Dichloroethane	50.0	53.0		ug/L		106	66 - 128
1,2-Dichloropropane	50.0	48.7		ug/L		97	75 - 133
2-Hexanone	100	115		ug/L		115	43 - 167
Acetone	100	102		ug/L		102	50 - 149
Benzene	50.0	47.7		ug/L		95	77 - 123
Bromoform	50.0	51.3		ug/L		103	57 - 129
Bromomethane	25.0	27.9		ug/L		111	36 - 142
Carbon disulfide	50.0	47.5		ug/L		95	43 - 140
Carbon tetrachloride	50.0	47.3		ug/L		95	55 - 137
Chlorobenzene	50.0	52.1		ug/L		104	80 - 121
Chloroethane	25.0	25.4		ug/L		102	38 - 152
Chloroform	50.0	49.9		ug/L		100	74 - 122
Chloromethane	25.0	19.2		ug/L		77	47 - 143
cis-1,2-Dichloroethene	50.0	46.8		ug/L		94	77 - 123
cis-1,3-Dichloropropene	50.0	50.3		ug/L		101	64 - 130
Dichlorobromomethane	50.0	52.5		ug/L		105	69 - 126
Ethylbenzene	50.0	52.4		ug/L		105	80 - 121
Hexane	50.0	44.7		ug/L		89	53 - 144
m-Xylene & p-Xylene	50.0	52.0		ug/L		104	80 - 120
2-Butanone (MEK)	100	98.9		ug/L		99	54 - 156
4-Methyl-2-pentanone (MIBK)	100	103		ug/L		103	46 - 158
Methylene Chloride	50.0	47.2		ug/L		94	71 - 125
o-Xylene	50.0	51.6		ug/L		103	80 - 123
Styrene	50.0	55.5		ug/L		111	80 - 135
Tetrachloroethene	50.0	49.2		ug/L		98	76 - 123
Toluene	50.0	50.2		ug/L		100	80 - 123
trans-1,2-Dichloroethene	50.0	46.8		ug/L		94	75 - 124
trans-1,3-Dichloropropene	50.0	55.3		ug/L		111	57 - 129
Trichloroethene	50.0	48.4		ug/L		97	70 - 122
Vinyl chloride	25.0	22.8		ug/L		91	60 - 144
Xylenes, Total	100	104		ug/L		104	80 - 121
Chlorodibromomethane	50.0	51.9		ug/L		104	70 - 124

Surrogate	LCS %Recovery	LCS Qualifier	Limits
1,2-Dichloroethane-d4 (Surr)	102		62 - 137
4-Bromofluorobenzene (Surr)	98		56 - 136
Toluene-d8 (Surr)	96		78 - 122
Dibromofluoromethane (Surr)	97		73 - 120

QC Sample Results

Client: Key Environmental Inc
Project/Site: Alcoa - Wearever

Job ID: 240-245220-1

Method: 8260D - Volatile Organic Compounds by GC/MS (Continued)

Lab Sample ID: MB 240-695031/6

Matrix: Water

Analysis Batch: 695031

Client Sample ID: Method Blank

Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		1.0	0.48	ug/L			03/25/26 13:54	1
1,1,2,2-Tetrachloroethane	ND		1.0	0.60	ug/L			03/25/26 13:54	1
1,1,2-Trichloroethane	ND		1.0	0.48	ug/L			03/25/26 13:54	1
1,1-Dichloroethane	ND		1.0	0.47	ug/L			03/25/26 13:54	1
1,1-Dichloroethene	ND		1.0	0.49	ug/L			03/25/26 13:54	1
1,2-Dichloroethane	ND		1.0	0.46	ug/L			03/25/26 13:54	1
1,2-Dichloropropane	ND		1.0	0.47	ug/L			03/25/26 13:54	1
2-Hexanone	ND		10	1.1	ug/L			03/25/26 13:54	1
Acetone	ND		10	5.4	ug/L			03/25/26 13:54	1
Benzene	ND		1.0	0.42	ug/L			03/25/26 13:54	1
Bromoform	ND		1.0	0.76	ug/L			03/25/26 13:54	1
Bromomethane	ND		2.0	1.1	ug/L			03/25/26 13:54	1
Carbon disulfide	ND		1.0	0.59	ug/L			03/25/26 13:54	1
Carbon tetrachloride	ND		1.0	0.26	ug/L			03/25/26 13:54	1
Chlorobenzene	ND		1.0	0.38	ug/L			03/25/26 13:54	1
Chloroethane	ND		1.0	0.83	ug/L			03/25/26 13:54	1
Chloroform	ND		1.0	0.47	ug/L			03/25/26 13:54	1
Chloromethane	ND		1.0	0.63	ug/L			03/25/26 13:54	1
cis-1,2-Dichloroethene	ND		1.0	0.46	ug/L			03/25/26 13:54	1
cis-1,3-Dichloropropene	ND		1.0	0.61	ug/L			03/25/26 13:54	1
Dichlorobromomethane	ND		1.0	0.38	ug/L			03/25/26 13:54	1
Ethylbenzene	ND		1.0	0.42	ug/L			03/25/26 13:54	1
Hexane	ND		2.0	1.9	ug/L			03/25/26 13:54	1
m-Xylene & p-Xylene	ND		2.0	0.42	ug/L			03/25/26 13:54	1
2-Butanone (MEK)	ND		10	4.2	ug/L			03/25/26 13:54	1
4-Methyl-2-pentanone (MIBK)	ND		10	0.99	ug/L			03/25/26 13:54	1
Methylene Chloride	ND		5.0	2.6	ug/L			03/25/26 13:54	1
o-Xylene	ND		1.0	0.42	ug/L			03/25/26 13:54	1
Styrene	ND		1.0	0.45	ug/L			03/25/26 13:54	1
Tetrachloroethene	ND		1.0	0.44	ug/L			03/25/26 13:54	1
Toluene	ND		1.0	0.44	ug/L			03/25/26 13:54	1
trans-1,2-Dichloroethene	ND		1.0	0.51	ug/L			03/25/26 13:54	1
trans-1,3-Dichloropropene	ND		1.0	0.67	ug/L			03/25/26 13:54	1
Trichloroethene	ND		1.0	0.44	ug/L			03/25/26 13:54	1
Vinyl chloride	ND		1.0	0.45	ug/L			03/25/26 13:54	1
Xylenes, Total	ND		2.0	0.42	ug/L			03/25/26 13:54	1
Chlorodibromomethane	ND		1.0	0.39	ug/L			03/25/26 13:54	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	101		62 - 137		03/25/26 13:54	1
4-Bromofluorobenzene (Surr)	95		56 - 136		03/25/26 13:54	1
Toluene-d8 (Surr)	98		78 - 122		03/25/26 13:54	1
Dibromofluoromethane (Surr)	96		73 - 120		03/25/26 13:54	1

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QC Sample Results

Client: Key Environmental Inc
Project/Site: Alcoa - Wearever

Job ID: 240-245220-1

Method: 8260D - Volatile Organic Compounds by GC/MS (Continued)

Lab Sample ID: LCS 240-695031/4

Matrix: Water

Analysis Batch: 695031

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	50.0	53.8		ug/L		108	64 - 131
1,1,1,2-Tetrachloroethane	50.0	54.0		ug/L		108	58 - 157
1,1,2-Trichloroethane	50.0	54.2		ug/L		108	70 - 138
1,1-Dichloroethane	50.0	53.1		ug/L		106	72 - 127
1,1-Dichloroethene	50.0	46.0		ug/L		92	63 - 134
1,2-Dichloroethane	50.0	50.8		ug/L		102	66 - 128
1,2-Dichloropropane	50.0	47.4		ug/L		95	75 - 133
2-Hexanone	100	119		ug/L		119	43 - 167
Acetone	100	126		ug/L		126	50 - 149
Benzene	50.0	51.0		ug/L		102	77 - 123
Bromoform	50.0	47.5		ug/L		95	57 - 129
Bromomethane	50.0	45.1		ug/L		90	36 - 142
Carbon disulfide	50.0	38.2		ug/L		76	43 - 140
Carbon tetrachloride	50.0	53.7		ug/L		107	55 - 137
Chlorobenzene	50.0	51.3		ug/L		103	80 - 121
Chloroethane	50.0	48.7		ug/L		97	38 - 152
Chloroform	50.0	50.8		ug/L		102	74 - 122
Chloromethane	50.0	42.3		ug/L		85	47 - 143
cis-1,2-Dichloroethene	50.0	48.9		ug/L		98	77 - 123
cis-1,3-Dichloropropene	50.0	49.7		ug/L		99	64 - 130
Dichlorobromomethane	50.0	50.5		ug/L		101	69 - 126
Ethylbenzene	50.0	52.1		ug/L		104	80 - 121
Hexane	50.0	55.3		ug/L		111	53 - 144
m-Xylene & p-Xylene	50.0	52.0		ug/L		104	80 - 120
2-Butanone (MEK)	100	126		ug/L		126	54 - 156
4-Methyl-2-pentanone (MIBK)	100	120		ug/L		120	46 - 158
Methylene Chloride	50.0	50.2		ug/L		100	71 - 125
o-Xylene	50.0	52.2		ug/L		104	80 - 123
Styrene	50.0	53.1		ug/L		106	80 - 135
Tetrachloroethene	50.0	51.5		ug/L		103	76 - 123
Toluene	50.0	48.3		ug/L		97	80 - 123
trans-1,2-Dichloroethene	50.0	47.1		ug/L		94	75 - 124
trans-1,3-Dichloropropene	50.0	51.7		ug/L		103	57 - 129
Trichloroethene	50.0	50.4		ug/L		101	70 - 122
Vinyl chloride	50.0	49.6		ug/L		99	60 - 144
Xylenes, Total	100	104		ug/L		104	80 - 121
Chlorodibromomethane	50.0	49.2		ug/L		98	70 - 124

Surrogate	LCS %Recovery	LCS Qualifier	Limits
1,2-Dichloroethane-d4 (Surr)	100		62 - 137
4-Bromofluorobenzene (Surr)	95		56 - 136
Toluene-d8 (Surr)	94		78 - 122
Dibromofluoromethane (Surr)	96		73 - 120

QC Association Summary

Client: Key Environmental Inc
Project/Site: Alcoa - Wearever

Job ID: 240-245220-1

GC/MS VOA

Analysis Batch: 694010

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
240-245220-1	MW-DS-I	Total/NA	Water	8260D	
240-245220-2	MW-DT-S	Total/NA	Water	8260D	
240-245220-3	MW-LP-I	Total/NA	Water	8260D	
240-245220-4	MW-1S	Total/NA	Water	8260D	
240-245220-5	MW-AS2-S	Total/NA	Water	8260D	
240-245220-6	MW-AS3-S	Total/NA	Water	8260D	
240-245220-7	MW-AS4-S	Total/NA	Water	8260D	
240-245220-8	MW-AS5-S	Total/NA	Water	8260D	
240-245220-9	MW-BL-S	Total/NA	Water	8260D	
240-245220-10	MW-GA-S	Total/NA	Water	8260D	
240-245220-11	MW-5	Total/NA	Water	8260D	
240-245220-12	MW-B-I	Total/NA	Water	8260D	
240-245220-13	MW-C-S	Total/NA	Water	8260D	
240-245220-14	MW-C-I	Total/NA	Water	8260D	
MB 240-694010/5	Method Blank	Total/NA	Water	8260D	
LCS 240-694010/3	Lab Control Sample	Total/NA	Water	8260D	

Analysis Batch: 694084

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
240-245220-2	MW-DT-S	Total/NA	Water	8260D	
240-245220-3	MW-LP-I	Total/NA	Water	8260D	
240-245220-6	MW-AS3-S	Total/NA	Water	8260D	
240-245220-7	MW-AS4-S	Total/NA	Water	8260D	
240-245220-8	MW-AS5-S	Total/NA	Water	8260D	
240-245220-14	MW-C-I	Total/NA	Water	8260D	
240-245220-15	MW-F-S	Total/NA	Water	8260D	
240-245220-16	MW-F-I	Total/NA	Water	8260D	
240-245220-17	MW-D-S	Total/NA	Water	8260D	
MB 240-694084/5	Method Blank	Total/NA	Water	8260D	
LCS 240-694084/3	Lab Control Sample	Total/NA	Water	8260D	
240-245220-17 MS	MW-D-S MS	Total/NA	Water	8260D	
240-245220-17 MSD	MW-D-S MSD	Total/NA	Water	8260D	

Analysis Batch: 694497

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
240-245220-18	MW-D-I	Total/NA	Water	8260D	
240-245220-19	MW-I-S	Total/NA	Water	8260D	
240-245220-20	MW-I-I	Total/NA	Water	8260D	
240-245220-21	MW-G-S	Total/NA	Water	8260D	
240-245220-22	MW-G-I	Total/NA	Water	8260D	
240-245220-23	MW-OS-2	Total/NA	Water	8260D	
240-245220-24	MW-OS-3	Total/NA	Water	8260D	
240-245220-25	M-99	Total/NA	Water	8260D	
240-245220-26	TB-1	Total/NA	Water	8260D	
MB 240-694497/5	Method Blank	Total/NA	Water	8260D	
LCS 240-694497/3	Lab Control Sample	Total/NA	Water	8260D	

Analysis Batch: 695031

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
240-245220-4 - RA	MW-1S	Total/NA	Water	8260D	
MB 240-695031/6	Method Blank	Total/NA	Water	8260D	

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QC Association Summary

Client: Key Environmental Inc
Project/Site: Alcoa - Wearever

Job ID: 240-245220-1

GC/MS VOA (Continued)

Analysis Batch: 695031 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
LCS 240-695031/4	Lab Control Sample	Total/NA	Water	8260D	

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Lab Chronicle

Client: Key Environmental Inc
Project/Site: Alcoa - Wearever

Job ID: 240-245220-1

Client Sample ID: MW-DS-I

Lab Sample ID: 240-245220-1

Date Collected: 03/09/26 10:50

Matrix: Water

Date Received: 03/10/26 10:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260D		1	694010	MDH	EET CLE	03/17/26 23:54

Client Sample ID: MW-DT-S

Lab Sample ID: 240-245220-2

Date Collected: 03/09/26 12:15

Matrix: Water

Date Received: 03/10/26 10:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260D		1	694010	MDH	EET CLE	03/18/26 00:17
Total/NA	Analysis	8260D		2	694084	MDH	EET CLE	03/18/26 12:31

Client Sample ID: MW-LP-I

Lab Sample ID: 240-245220-3

Date Collected: 03/09/26 11:55

Matrix: Water

Date Received: 03/10/26 10:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260D		1	694010	MDH	EET CLE	03/18/26 00:41
Total/NA	Analysis	8260D		2	694084	MDH	EET CLE	03/18/26 12:55

Client Sample ID: MW-1S

Lab Sample ID: 240-245220-4

Date Collected: 03/09/26 12:20

Matrix: Water

Date Received: 03/10/26 10:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260D		1	694010	MDH	EET CLE	03/18/26 01:05
Total/NA	Analysis	8260D	RA	1	695031	MDH	EET CLE	03/25/26 14:18

Client Sample ID: MW-AS2-S

Lab Sample ID: 240-245220-5

Date Collected: 03/09/26 12:00

Matrix: Water

Date Received: 03/10/26 10:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260D		1	694010	MDH	EET CLE	03/18/26 01:29

Client Sample ID: MW-AS3-S

Lab Sample ID: 240-245220-6

Date Collected: 03/09/26 14:20

Matrix: Water

Date Received: 03/10/26 10:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260D		1	694010	MDH	EET CLE	03/18/26 01:53
Total/NA	Analysis	8260D		2	694084	MDH	EET CLE	03/18/26 13:18

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Lab Chronicle

Client: Key Environmental Inc
Project/Site: Alcoa - Wearever

Job ID: 240-245220-1

Client Sample ID: MW-AS4-S

Lab Sample ID: 240-245220-7

Date Collected: 03/09/26 13:10

Matrix: Water

Date Received: 03/10/26 10:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260D		1	694010	MDH	EET CLE	03/18/26 02:17
Total/NA	Analysis	8260D		2	694084	MDH	EET CLE	03/18/26 13:42

Client Sample ID: MW-AS5-S

Lab Sample ID: 240-245220-8

Date Collected: 03/09/26 12:45

Matrix: Water

Date Received: 03/10/26 10:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260D		1	694010	MDH	EET CLE	03/18/26 02:41
Total/NA	Analysis	8260D		1	694084	MDH	EET CLE	03/18/26 10:55

Client Sample ID: MW-BL-S

Lab Sample ID: 240-245220-9

Date Collected: 03/09/26 12:30

Matrix: Water

Date Received: 03/10/26 10:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260D		1	694010	MDH	EET CLE	03/18/26 03:04

Client Sample ID: MW-GA-S

Lab Sample ID: 240-245220-10

Date Collected: 03/09/26 15:10

Matrix: Water

Date Received: 03/10/26 10:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260D		1	694010	MDH	EET CLE	03/18/26 03:28

Client Sample ID: MW-5

Lab Sample ID: 240-245220-11

Date Collected: 03/09/26 16:15

Matrix: Water

Date Received: 03/10/26 10:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260D		1	694010	MDH	EET CLE	03/18/26 03:52

Client Sample ID: MW-B-I

Lab Sample ID: 240-245220-12

Date Collected: 03/09/26 11:20

Matrix: Water

Date Received: 03/10/26 10:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260D		1	694010	MDH	EET CLE	03/18/26 04:16

Client Sample ID: MW-C-S

Lab Sample ID: 240-245220-13

Date Collected: 03/09/26 11:35

Matrix: Water

Date Received: 03/10/26 10:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260D		1	694010	MDH	EET CLE	03/18/26 04:40

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Lab Chronicle

Client: Key Environmental Inc
Project/Site: Alcoa - Wearever

Job ID: 240-245220-1

Client Sample ID: MW-C-I

Lab Sample ID: 240-245220-14

Date Collected: 03/09/26 11:40

Matrix: Water

Date Received: 03/10/26 10:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260D		1	694010	MDH	EET CLE	03/18/26 05:04
Total/NA	Analysis	8260D		6.667	694084	MDH	EET CLE	03/18/26 14:06

Client Sample ID: MW-F-S

Lab Sample ID: 240-245220-15

Date Collected: 03/09/26 14:20

Matrix: Water

Date Received: 03/10/26 10:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260D		2	694084	MDH	EET CLE	03/18/26 12:07

Client Sample ID: MW-F-I

Lab Sample ID: 240-245220-16

Date Collected: 03/09/26 14:25

Matrix: Water

Date Received: 03/10/26 10:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260D		1	694084	MDH	EET CLE	03/18/26 11:19

Client Sample ID: MW-D-S

Lab Sample ID: 240-245220-17

Date Collected: 03/09/26 14:40

Matrix: Water

Date Received: 03/10/26 10:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260D		1	694084	MDH	EET CLE	03/18/26 11:43

Client Sample ID: MW-D-I

Lab Sample ID: 240-245220-18

Date Collected: 03/09/26 14:35

Matrix: Water

Date Received: 03/10/26 10:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260D		1	694497	SAM	EET CLE	03/20/26 18:17

Client Sample ID: MW-I-S

Lab Sample ID: 240-245220-19

Date Collected: 03/09/26 13:30

Matrix: Water

Date Received: 03/10/26 10:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260D		1	694497	SAM	EET CLE	03/20/26 20:57

Client Sample ID: MW-I-I

Lab Sample ID: 240-245220-20

Date Collected: 03/09/26 13:25

Matrix: Water

Date Received: 03/10/26 10:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260D		1	694497	SAM	EET CLE	03/20/26 18:40

Eurofins Cleveland

Lab Chronicle

Client: Key Environmental Inc
Project/Site: Alcoa - Wearever

Job ID: 240-245220-1

Client Sample ID: MW-G-S

Lab Sample ID: 240-245220-21

Date Collected: 03/09/26 15:20

Matrix: Water

Date Received: 03/10/26 10:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260D		1	694497	SAM	EET CLE	03/20/26 19:03

Client Sample ID: MW-G-I

Lab Sample ID: 240-245220-22

Date Collected: 03/09/26 15:25

Matrix: Water

Date Received: 03/10/26 10:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260D		1	694497	SAM	EET CLE	03/20/26 19:26

Client Sample ID: MW-OS-2

Lab Sample ID: 240-245220-23

Date Collected: 03/09/26 16:35

Matrix: Water

Date Received: 03/10/26 10:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260D		1	694497	SAM	EET CLE	03/20/26 19:49

Client Sample ID: MW-OS-3

Lab Sample ID: 240-245220-24

Date Collected: 03/09/26 16:45

Matrix: Water

Date Received: 03/10/26 10:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260D		1	694497	SAM	EET CLE	03/20/26 20:12

Client Sample ID: M-99

Lab Sample ID: 240-245220-25

Date Collected: 03/09/26 12:01

Matrix: Water

Date Received: 03/10/26 10:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260D		1	694497	SAM	EET CLE	03/20/26 20:35

Client Sample ID: TB-1

Lab Sample ID: 240-245220-26

Date Collected: 03/09/26 18:00

Matrix: Water

Date Received: 03/10/26 10:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260D		1	694497	SAM	EET CLE	03/20/26 16:00

Laboratory References:

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

Accreditation/Certification Summary

Client: Key Environmental Inc
Project/Site: Alcoa - Wearever

Job ID: 240-245220-1

Laboratory: Eurofins Cleveland

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

Authority	Program	Identification Number	Expiration Date
Connecticut	State	PH-0806	09-30-26
Illinois	NELAP	200004	08-31-26
Iowa	State	421	06-01-27
Kansas	NELAP	E-10336	01-31-26 *
Kentucky (WW)	State	KY98016	12-31-26
Michigan	State	9135	01-10-27
Minnesota	NELAP	039-999-348	12-31-26
New Hampshire	NELAP	2250	09-30-26
New Jersey	NELAP	OH001	06-30-26
New York	NELAP	10975	04-01-26
Oregon	NELAP	4062	02-27-27
Pennsylvania	NELAP	68-00340	08-31-26
Texas	NELAP	T104704517	08-31-26
USDA	US Federal Programs	525-24-5-34740	01-05-27
Virginia	NELAP	460175	09-30-26
West Virginia DEP	State	210	03-31-26
Wisconsin	State	399167560	08-31-26

* Accreditation/Certification renewal pending - accreditation/certification considered valid.

Eurofins Cleveland

Eurofins Cleveland

180 S. Van Buren Avenue
Barberton, OH 44203

Phone: 330-497-9396 Fax: 330-497-0772

Chain of Custody Record



Environment Testing

Client Information		Sampler: Joshua FURMAN		Lab PM: Brown, Shali		Carrier Tracking No(s):		COC No: 240-142989-26054.1	
Client Contact: Hank Pappert		Phone: (570) 916-9039		E-Mail: Shali.Brown@eurofins.com		State of Origin: OH		Page: 1 of 3	
Company: Key Environmental Inc		PWSID:		Analysis Requested		Job #:		Preservation Codes: A - HCL	
Address: 200 Third Avenue		Due Date Requested:		Field Filled Sample (Yes or No)		Total Number of Containers		Special Instructions/Note:	
City: Carnegie		TAT Requested (days): 30		Form MS/MSD (Yes or No)		Other:			
State, Zip: PA, 15106		Compliance Project: Δ Yes Δ No		Matrix (Volatile, Semi-volatile, Organics, Pesticides, PCBs, Dioxins/Furans, etc.)					
Phone: 412-429-2694(Tel)		Purchase Order not required		Sample Type (C=Comp, G=Grab)					
Email: HPappert.2006@f-ts.com		WO #:		Sample Time					
Project Name: Alcoa - Wearever		Project #: 24006086		Sample Date					
Site:		SSOW#:		Preservation Code:					
Sample Identification		Sample Date		Sample Time		Sample Type (C=Comp, G=Grab)		Matrix (Volatile, Semi-volatile, Organics, Pesticides, PCBs, Dioxins/Furans, etc.)	
MW - DS - I		03/09/26		1050		G		W	
MW - DT - S		03/09/26		1215		G		W	
MW - LP - I		03/09/26		1155		G		W	
MW - IS		03/09/26		1220		G		W	
MW - AS2 - S		03/09/26		1200		G		W	
MW - AS3 - S		03/09/26		1410		G		W	
MW - AS4 - S		03/09/26		1310		G		W	
MW - AS5 - S		03/09/26		1245		G		W	
MW - BL - S		03/09/26		1230		G		W	
MW - GA - S		03/09/26		1510		G		W	
MW - S		03/09/26		1615		G		W	
Possible Hazard Identification		Poison B		Unknown		Radiological		Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)	
☐ Non-Hazard		☐ Flammable		☐ Skin Irritant		☐ Deliberate Requested: I, II, III, IV, Other (specify)		☐ Return To Client	
Deliverable Requested: I, II, III, IV, Other (specify)		Empty Kit Relinquished by:		Date:		Time:		☐ Disposal By Lab	
Relinquished by: D~V~		Date/Time: 03/09/26 1935		Company: FTS		Received by: [Signature]		☐ Archive For Months	
Relinquished by:		Date/Time:		Company:		Received by:		Company:	
Relinquished by:		Date/Time:		Company:		Received by:		Company:	
Custody Seals Intact: Δ Yes Δ No		Custody Seal No.:		Cooler Temperature(s) °C and Other Remarks:					

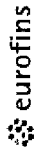
Eurofins Cleveland

180 S. Van Buren Avenue

Barberton, OH 44203

Phone: 330-497-9396 Fax: 330-497-0772

Chain of Custody Record



Environment Testing

Client Information		Lab PM:		Carrier Tracking No(s):		COC No:			
Client Contact: Hank Pappert		Brown, Shail				240-142989-26054.2			
Company:		E-Mail:		State of Origin:		Page: 2 of 3			
Key Environmental Inc		Shail.Brown@et.eurofins.com		OH		Job #:			
Address: 200 Third Avenue		Due Date Requested:		Analysis Requested					
City: Carnegie		TAT Requested (days): 5TD							
State Zip: PA, 15106		Compliance Project: ☐ Yes ☒ No							
Phone: 412-429-2694(Tel)		PO #:							
Email: HPappert.2006@fts.com		Purchase Order not required							
Project Name: Alcoa Weavever		Project #: 24006086							
Site: Site		SSOW#:							
Sample Identification	Sample Date	Sample Time	Sample Type (C=Comp, G=grab)	Matrix (W=water, S=solid, O=oil, BT=Tissue, A=air, DW=Drinking Water)	Field Filtered Sample (Yes or No)	Performance (MS/MSD Yes or No)	8260B 8260B PP VOC's	Total Number of Containers	Special Instructions/Note:
MW-B-I	03/09/26	1120	G	W	N	N	X	3	
MW-C-S	03/09/26	1135	G	W	N	N	X	3	
MW-C-I	03/09/26	1140	G	W	N	N	X	3	
MW-F-S	03/09/26	1420	G	W	N	N	X	3	
MW-F-I	03/09/26	1425	G	W	N	N	X	3	
MW-D-S	03/09/26	1440	G	W	N	N	X	3	
MW-D-S MS/MSD	03/09/26	1440	G	W	N	N	X	3	
MW-D-I	03/09/26	1435	G	W	N	N	X	3	
MW-I-S	03/09/26	1330	G	W	N	N	X	3	
MW-I-I	03/09/26	1325	G	W	N	N	X	3	
MW-G-S	03/09/26	1520	G	W	N	N	X	3	

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

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

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:

Empty Kit Relinquished by	Date:	Time:	Method of Shipment:
Relinquished by: <i>Dr. Van</i>	03/09/26	1955	Company: FTS
Relinquished by:	Date/Time:		Company:
Relinquished by:	Date/Time:		Company:

Custody Seals Intact: ☐ Yes ☒ No

Custody Seal No. _____

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Ver 10/10/2023 2/26/2026

Client Information		Lab PM:		Carrier Tracking No(s):		COC No:		
Client Contact: Hank Pappert		Brown, Shali		240-142989-28054.3		240-142989-28054.3		
Company:		E-Mail:		State of Origin:		Page:		
Key Environmental Inc		Shali Brown@et.eurofinsus.com		OH		Page 3 of 3		
Address:		PWSID:		Job #:				
200 Third Avenue								
City:		Due Date Requested:		Analysis Requested				
Carnegie		TAT Requested (days):		Total Number of Containers				
State, Zip:		Compliance Project: ☐ Yes ☒ No		Other:				
PA, 15106		Purchase Order not required						
Phone:		PO #:						
412-429-2694(Tel)		WFO #:						
Email:		Project #:						
HPappert.2006@f-ts.com		24006086						
Project Name:		SSOW#:						
Alcoa Weavever								
Site:								
Sample Identification	Sample Date	Sample Time	Sample Type (C=Comp, G=grab)	Matrix (W=water, S=solid, O=organic, BT=biological, DW=drinking water)	Field Filtered Sample (Yes or No)	Perform MS/MSD (Yes or No)	8260B 8260B PP VOC's	Special Instructions/Note:
MW-6-I	03/09/26	1525	G	W	N	N	X	
MW-05-2	03/09/26	1635	G	W	N	N	X	
MW-05-3	03/09/26	1645	G	W	N	N	X	
M-99	03/09/26	1201	G	W	N	N	X	
TB-1	03/09/26	1800	G	W	N	N	X	
DU 3-9-26								
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:								
Possible Hazard Identification								
☐ Non-Hazard ☐ Flammable ☐ Skin Irritant ☐ Poison B ☒ Unknown ☐ Radiological								
Deliverable Requested I, II, III, IV Other (specify)								
Empty Kit Relinquished by								
Relinquished by: <i>Du</i>								
Relinquished by:								
Relinquished by:								
Custody Seals Intact: ☐ Yes ☒ No								
Custody Seal No.								

Eurofins - Cleveland Sample Receipt Form/Narrative		Login # _____	
Barberton Facility			
Client <u>Key Environmental</u>		Cooler unpacked by <u>JC</u>	
Cooler Received on <u>3-10-26</u>		Opened on <u>3-11-26</u>	
FedEx 1 st Grd Exp ☒ UPS ☐ FAS ☐ Waypoint ☐ Client Drop Off ☐ Eurofins Courier ☐ Other ☐			
Receipt After-hours		Drop-off Date/Time _____	
Storage Location _____			
Eurofins Cooler # <u>01</u>		Foam Box ☒ Client Cooler ☐ Box ☐ Other ☐	
Packing material used: <u>Bubble Wrap</u>		Foam ☐ Plastic Bag ☐ None ☐ Other ☐	
COOLANT <u>Wet Ice</u>		Blue Ice ☐ Dry Ice ☐ Water ☐ None ☐	
1 Cooler temperature upon receipt _____		☐ See Multiple Cooler Form	
IR GUN # <u>Rec-001</u> (CF) <u>0.2</u> °C		Observed Cooler Temp <u>2.0</u> °C Corrected Cooler Temp <u>2.2</u> °C	
2. Were tamper/custody seals on the outside of the cooler(s)? If Yes Quantity <u>1</u>		Yes No Tests that are not checked for pH by Receiving VOAs Oil and Grease TOC	
-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 NA	
-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)?		Yes No	
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# HC567196	
14. Were VOAs on the COC?		Yes No NA	
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 # <u>NA</u>		Yes No	
17. Was a LL Hg or Me Hg trip blank present?		Yes No	
Contacted PM _____ Date _____ by _____ via Verbal Voice Mail Other _____			
Concerning _____			

18. CHAIN OF CUSTODY & SAMPLE DISCREPANCIES ☐ additional next page

Labeled by _____

Labels Verified 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. _____

Temperature readings

Client Sample ID	Lab ID	Container Type	Container		Preservation	Preservation
			pH	Temp	Added	Lot Number
MW-DS-I	240-245220-A-1	Voa Vial 40ml - Hydrochloric Acid				
MW-DS-I	240-245220-B-1	Voa Vial 40ml - Hydrochloric Acid				
MW-DS-I	240-245220-C-1	Voa Vial 40ml - Hydrochloric Acid				
MW-DT-S	240-245220-A-2	Voa Vial 40ml - Hydrochloric Acid				
MW-DT-S	240-245220-B-2	Voa Vial 40ml - Hydrochloric Acid				
MW-DT-S	240-245220-C-2	Voa Vial 40ml - Hydrochloric Acid				
MW-LP-1	240-245220-A-3	Voa Vial 40ml - Hydrochloric Acid				
MW-LP-1	240-245220-B-3	Voa Vial 40ml - Hydrochloric Acid				
MW-LP-1	240-245220-C-3	Voa Vial 40ml - Hydrochloric Acid				
MW-1S	240-245220-A-4	Voa Vial 40ml - Hydrochloric Acid				
MW-1S	240-245220-B-4	Voa Vial 40ml - Hydrochloric Acid				
MW-1S	240-245220-C-4	Voa Vial 40ml - Hydrochloric Acid				
MW-AS2-S	240-245220-A-5	Voa Vial 40ml - Hydrochloric Acid				
MW-AS2-S	240-245220-B-5	Voa Vial 40ml - Hydrochloric Acid				
MW-AS2-S	240-245220-C-5	Voa Vial 40ml - Hydrochloric Acid				
MW-AS3-S	240-245220-A-6	Voa Vial 40ml - Hydrochloric Acid				
MW-AS3-S	240-245220-B-6	Voa Vial 40ml - Hydrochloric Acid				
MW-AS3-S	240-245220-C-6	Voa Vial 40ml - Hydrochloric Acid				
MW-AS4-S	240-245220-A-7	Voa Vial 40ml - Hydrochloric Acid				
MW-AS4-S	240-245220-B-7	Voa Vial 40ml - Hydrochloric Acid				
MW-AS4-S	240-245220-C-7	Voa Vial 40ml - Hydrochloric Acid				
MW-AS5-S	240-245220-A-8	Voa Vial 40ml - Hydrochloric Acid				
MW-AS5-S	240-245220-B-8	Voa Vial 40ml - Hydrochloric Acid				
MW-AS5-S	240-245220-C-8	Voa Vial 40ml - Hydrochloric Acid				
MW-BL-S	240-245220-A-9	Voa Vial 40ml - Hydrochloric Acid				
MW-BL-S	240-245220-B-9	Voa Vial 40ml - Hydrochloric Acid				
MW-BL-S	240-245220-C-9	Voa Vial 40ml - Hydrochloric Acid				
MW-GA-S	240-245220-A-10	Voa Vial 40ml - Hydrochloric Acid				
MW-GA-S	240-245220-B-10	Voa Vial 40ml - Hydrochloric Acid				
MW-GA-S	240-245220-C-10	Voa Vial 40ml - Hydrochloric Acid				
MW-5	240-245220-A-11	Voa Vial 40ml - Hydrochloric Acid				
MW-5	240-245220-B-11	Voa Vial 40ml - Hydrochloric Acid				
MW-5	240-245220-C-11	Voa Vial 40ml - Hydrochloric Acid				
MW-B-I	240-245220-A-12	Voa Vial 40ml - Hydrochloric Acid				
MW-B-I	240-245220-B-12	Voa Vial 40ml - Hydrochloric Acid				

Client Sample ID	Lab ID	Container Type	Container		Preservation	Preservation
			pH	Temp	Added	Lot Number
MW-B-I	240-245220-C-12	Voa Vial 40ml - Hydrochloric Acid				
MW-C-S	240-245220-A-13	Voa Vial 40ml - Hydrochloric Acid				
MW-C-S	240-245220-B-13	Voa Vial 40ml - Hydrochloric Acid				
MW-C-S	240-245220-C-13	Voa Vial 40ml - Hydrochloric Acid				
MW-C-I	240-245220-A-14	Voa Vial 40ml - Hydrochloric Acid				
MW-C-I	240-245220-B-14	Voa Vial 40ml - Hydrochloric Acid				
MW-C-I	240-245220-C-14	Voa Vial 40ml - Hydrochloric Acid				
MW-F-S	240-245220-A-15	Voa Vial 40ml - Hydrochloric Acid				
MW-F-S	240-245220-B-15	Voa Vial 40ml - Hydrochloric Acid				
MW-F-S	240-245220-C-15	Voa Vial 40ml - Hydrochloric Acid				
MW-F-I	240-245220-A-16	Voa Vial 40ml - Hydrochloric Acid				
MW-F-I	240-245220-B-16	Voa Vial 40ml - Hydrochloric Acid				
MW-F-I	240-245220-C-16	Voa Vial 40ml - Hydrochloric Acid				
MW-D-S	240-245220-A-17	Voa Vial 40ml - Hydrochloric Acid				
MW-D-S MS	240-245220-A-17 MS	Voa Vial 40ml - Hydrochloric Acid				
MW-D-S MSD	240-245220-A-17 MSD	Voa Vial 40ml - Hydrochloric Acid				
MW-D-S	240-245220-B-17	Voa Vial 40ml - Hydrochloric Acid				
MW-D-S MS	240-245220-B-17 MS	Voa Vial 40ml - Hydrochloric Acid				
MW-D-S MSD	240-245220-B-17 MSD	Voa Vial 40ml - Hydrochloric Acid				
MW-D-S	240-245220-C-17	Voa Vial 40ml - Hydrochloric Acid				
MW-D-S MS	240-245220-C-17 MS	Voa Vial 40ml - Hydrochloric Acid				
MW-D-S MSD	240-245220-C-17 MSD	Voa Vial 40ml - Hydrochloric Acid				
MW-D-I	240-245220-A-18	Voa Vial 40ml - Hydrochloric Acid				
MW-D-I	240-245220-B-18	Voa Vial 40ml - Hydrochloric Acid				
MW-D-I	240-245220-C-18	Voa Vial 40ml - Hydrochloric Acid				
MW-I-S	240-245220-A-19	Voa Vial 40ml - Hydrochloric Acid				
MW-I-S	240-245220-B-19	Voa Vial 40ml - Hydrochloric Acid				
MW-I-S	240-245220-C-19	Voa Vial 40ml - Hydrochloric Acid				
MW-I-I	240-245220-A-20	Voa Vial 40ml - Hydrochloric Acid				
MW-I-I	240-245220-B-20	Voa Vial 40ml - Hydrochloric Acid				
MW-I-I	240-245220-C-20	Voa Vial 40ml - Hydrochloric Acid				
MW-G-S	240-245220-A-21	Voa Vial 40ml - Hydrochloric Acid				
MW-G-S	240-245220-B-21	Voa Vial 40ml - Hydrochloric Acid				
MW-G-S	240-245220-C-21	Voa Vial 40ml - Hydrochloric Acid				
MW-G-S-I	240-245220-A-22	Voa Vial 40ml - Hydrochloric Acid				
MW-G-S-I	240-245220-B-22	Voa Vial 40ml - Hydrochloric Acid				

<u>Client Sample ID</u>	<u>Lab ID</u>	<u>Container Type</u>	<u>Container</u> pH	<u>Temp</u>	<u>Preservation</u> <u>Added</u>	<u>Preservation</u> <u>Lot Number</u>
MW-G-S-I	240-245220-C-22	Voa Vial 40ml - Hydrochloric Acid	_____	_____	_____	_____
MW-05-2	240-245220-A-23	Voa Vial 40ml - Hydrochloric Acid	_____	_____	_____	_____
MW-05-2	240-245220-B-23	Voa Vial 40ml - Hydrochloric Acid	_____	_____	_____	_____
MW-05-2	240-245220-C-23	Voa Vial 40ml - Hydrochloric Acid	_____	_____	_____	_____
MW-05-3	240-245220-A-24	Voa Vial 40ml - Hydrochloric Acid	_____	_____	_____	_____
MW-05-3	240-245220-B-24	Voa Vial 40ml - Hydrochloric Acid	_____	_____	_____	_____
MW-05-3	240-245220-C-24	Voa Vial 40ml - Hydrochloric Acid	_____	_____	_____	_____
M-99	240-245220-A-25	Voa Vial 40ml - Hydrochloric Acid	_____	_____	_____	_____
M-99	240-245220-B-25	Voa Vial 40ml - Hydrochloric Acid	_____	_____	_____	_____
M-99	240-245220-C-25	Voa Vial 40ml - Hydrochloric Acid	_____	_____	_____	_____
TB-1	240-245220-A-26	Voa Vial 40ml - Hydrochloric Acid	_____	_____	_____	_____
TB-1	240-245220-B-26	Voa Vial 40ml - Hydrochloric Acid	_____	_____	_____	_____

3/26/2026 159470484 PRDB EXP 08/26

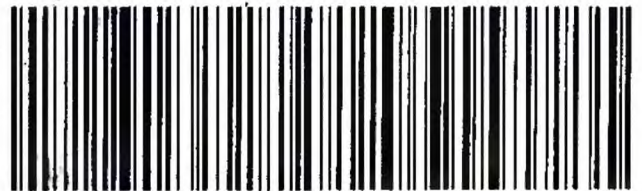
Environment Testing
TestAmerica

BILL THIRD PARTY

DEPT:



OH-US · CLE



2042-25220 Wayt



ANALYTICAL REPORT

PREPARED FOR

Attn: Angela Gatchie
Key Environmental Inc
200 Third Avenue
Carnegie, Pennsylvania 15106

Generated 3/23/2026 12:37:59 AM

JOB DESCRIPTION

Alcoa - Wearever

JOB NUMBER

240-245228-1

Eurofins Cleveland

Job Notes

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Authorization



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Authorized for release by
Shali Brown, Project Manager II
Shali.Brown@et.eurofinsus.com
(615)301-5031

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Definitions/Glossary

Client: Key Environmental Inc
Project/Site: Alcoa - Wearever

Job ID: 240-245228-1

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

Case Narrative

Client: Key Environmental Inc
Project: Alcoa - Wearever

Job ID: 240-245228-1

Job ID: 240-245228-1

Eurofins Cleveland

Job Narrative 240-245228-1

The analytical test results presented in this report meet all requirements of the associated regulatory program listed on the Accreditation/Certification Summary Page, unless otherwise noted. Data qualifiers and/or narrative comments are included to explain any exceptions, if applicable. Regulated compliance samples (e.g. SDWA, NPDES) must comply with associated agency requirements/permits.

- Matrix-specific batch QC (e.g., MS, MSD, SD) may not be reported when insufficient sample volume is available or when site-specific QC samples are not submitted. In such cases, a Laboratory Control Sample Duplicate (LCSD) may be analyzed to provide precision data for the batch.
- For samples analyzed using surrogate and/or isotope dilution analytes, any recoveries falling outside of established acceptance criteria are re-prepared and/or re-analyzed to confirm results, unless the deviation is due to sample dilution or otherwise explained in the case narrative.

Receipt

The samples were received on 3/11/2026 4:00 PM. Unless otherwise noted below, the samples arrived in good condition, and, where required, properly preserved and on ice. The temperature of the cooler at receipt time was 0.9°C.

GC/MS VOA

Method 8260D: An MS/MSD was analyzed in 240-694497 however the original sample had a surrogate failure. Batch QC will be reported but the sample and MS/MSD will be reanalyzed. The affected samples are MW-OS-1-I (240-245228-1), TB-2 (240-245228-2), (240-245329-C-1), (240-245329-C-1 MS) and (240-245329-C-1 MSD).

Method 8260D: The continuing calibration verification (CCV) analyzed in batch 240-694497 was outside the method criteria for the following analyte(s): Chloromethane. A CCV standard at or below the reporting limit (RL) was analyzed with the affected samples and found to be acceptable. As indicated in the reference method, sample analysis may proceed; however, any detection for the affected analyte(s) is considered estimated.

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

Eurofins Cleveland

Method Summary

Client: Key Environmental Inc
Project/Site: Alcoa - Wearever

Job ID: 240-245228-1

Method	Method Description	Protocol	Laboratory
8260D	Volatile Organic Compounds by GC/MS	SW846	EET CLE
5030C	Purge and Trap	SW846	EET CLE

Protocol References:

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

Laboratory References:

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

Sample Summary

Client: Key Environmental Inc
Project/Site: Alcoa - Wearever

Job ID: 240-245228-1

Lab Sample ID	Client Sample ID	Matrix	Collected	Received	Sample Origin
240-245228-1	MW-OS-1-I	Water	03/10/26 09:25	03/11/26 16:00	Ohio
240-245228-2	TB-2	Water	03/10/26 09:30	03/11/26 16:00	Ohio

- 1
- 2
- 3
- 4
- 5
- 6
- 7
- 8
- 9
- 10
- 11
- 12
- 13
- 14

Detection Summary

Client: Key Environmental Inc
Project/Site: Alcoa - Wearever

Job ID: 240-245228-1

Client Sample ID: MW-OS-1-I

Lab Sample ID: 240-245228-1

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
1,1-Dichloroethene	7.7		2.0	0.98	ug/L	2		8260D	Total/NA
Acetone	97		20	11	ug/L	2		8260D	Total/NA
cis-1,2-Dichloroethene	510		2.0	0.92	ug/L	2		8260D	Total/NA
trans-1,2-Dichloroethene	2.3		2.0	1.0	ug/L	2		8260D	Total/NA
Trichloroethene	4.5		2.0	0.88	ug/L	2		8260D	Total/NA
Vinyl chloride	30		2.0	0.90	ug/L	2		8260D	Total/NA

Client Sample ID: TB-2

Lab Sample ID: 240-245228-2

No Detections.

This Detection Summary does not include radiochemical test results.

Eurofins Cleveland

Client Sample Results

Client: Key Environmental Inc
Project/Site: Alcoa - Wearever

Job ID: 240-245228-1

Client Sample ID: MW-OS-1-I

Lab Sample ID: 240-245228-1

Date Collected: 03/10/26 09:25

Matrix: Water

Date Received: 03/11/26 16:00

Method: SW846 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		2.0	0.96	ug/L			03/20/26 21:43	2
1,1,2,2-Tetrachloroethane	ND		2.0	1.2	ug/L			03/20/26 21:43	2
1,1,2-Trichloroethane	ND		2.0	0.96	ug/L			03/20/26 21:43	2
1,1-Dichloroethane	ND		2.0	0.94	ug/L			03/20/26 21:43	2
1,1-Dichloroethene	7.7		2.0	0.98	ug/L			03/20/26 21:43	2
1,2-Dichloroethane	ND		2.0	0.91	ug/L			03/20/26 21:43	2
1,2-Dichloropropane	ND		2.0	0.94	ug/L			03/20/26 21:43	2
2-Hexanone	ND		20	2.2	ug/L			03/20/26 21:43	2
Acetone	97		20	11	ug/L			03/20/26 21:43	2
Benzene	ND		2.0	0.84	ug/L			03/20/26 21:43	2
Bromoform	ND		2.0	1.5	ug/L			03/20/26 21:43	2
Bromomethane	ND		4.0	2.2	ug/L			03/20/26 21:43	2
Carbon disulfide	ND		2.0	1.2	ug/L			03/20/26 21:43	2
Carbon tetrachloride	ND		2.0	0.52	ug/L			03/20/26 21:43	2
Chlorobenzene	ND		2.0	0.76	ug/L			03/20/26 21:43	2
Chloroethane	ND		2.0	1.7	ug/L			03/20/26 21:43	2
Chloroform	ND		2.0	0.94	ug/L			03/20/26 21:43	2
Chloromethane	ND		2.0	1.3	ug/L			03/20/26 21:43	2
cis-1,2-Dichloroethene	510		2.0	0.92	ug/L			03/20/26 21:43	2
cis-1,3-Dichloropropene	ND		2.0	1.2	ug/L			03/20/26 21:43	2
Dichlorobromomethane	ND		2.0	0.75	ug/L			03/20/26 21:43	2
Ethylbenzene	ND		2.0	0.84	ug/L			03/20/26 21:43	2
Hexane	ND		4.0	3.8	ug/L			03/20/26 21:43	2
m-Xylene & p-Xylene	ND		4.0	0.84	ug/L			03/20/26 21:43	2
2-Butanone (MEK)	ND		20	8.3	ug/L			03/20/26 21:43	2
4-Methyl-2-pentanone (MIBK)	ND		20	2.0	ug/L			03/20/26 21:43	2
Methylene Chloride	ND		10	5.2	ug/L			03/20/26 21:43	2
o-Xylene	ND		2.0	0.84	ug/L			03/20/26 21:43	2
Styrene	ND		2.0	0.90	ug/L			03/20/26 21:43	2
Tetrachloroethene	ND		2.0	0.88	ug/L			03/20/26 21:43	2
Toluene	ND		2.0	0.88	ug/L			03/20/26 21:43	2
trans-1,2-Dichloroethene	2.3		2.0	1.0	ug/L			03/20/26 21:43	2
trans-1,3-Dichloropropene	ND		2.0	1.3	ug/L			03/20/26 21:43	2
Trichloroethene	4.5		2.0	0.88	ug/L			03/20/26 21:43	2
Vinyl chloride	30		2.0	0.90	ug/L			03/20/26 21:43	2
Xylenes, Total	ND		4.0	0.84	ug/L			03/20/26 21:43	2
Chlorodibromomethane	ND		2.0	0.78	ug/L			03/20/26 21:43	2

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	119		62 - 137		03/20/26 21:43	2
4-Bromofluorobenzene (Surr)	77		56 - 136		03/20/26 21:43	2
Toluene-d8 (Surr)	89		78 - 122		03/20/26 21:43	2
Dibromofluoromethane (Surr)	113		73 - 120		03/20/26 21:43	2

Eurofins Cleveland

Client Sample Results

Client: Key Environmental Inc
Project/Site: Alcoa - Wearever

Job ID: 240-245228-1

Client Sample ID: TB-2

Lab Sample ID: 240-245228-2

Date Collected: 03/10/26 09:30

Matrix: Water

Date Received: 03/11/26 16:00

Method: SW846 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		1.0	0.48	ug/L			03/20/26 16:23	1
1,1,1,2-Tetrachloroethane	ND		1.0	0.60	ug/L			03/20/26 16:23	1
1,1,2-Trichloroethane	ND		1.0	0.48	ug/L			03/20/26 16:23	1
1,1-Dichloroethane	ND		1.0	0.47	ug/L			03/20/26 16:23	1
1,1-Dichloroethene	ND		1.0	0.49	ug/L			03/20/26 16:23	1
1,2-Dichloroethane	ND		1.0	0.46	ug/L			03/20/26 16:23	1
1,2-Dichloropropane	ND		1.0	0.47	ug/L			03/20/26 16:23	1
2-Hexanone	ND		10	1.1	ug/L			03/20/26 16:23	1
Acetone	ND		10	5.4	ug/L			03/20/26 16:23	1
Benzene	ND		1.0	0.42	ug/L			03/20/26 16:23	1
Bromoform	ND		1.0	0.76	ug/L			03/20/26 16:23	1
Bromomethane	ND		2.0	1.1	ug/L			03/20/26 16:23	1
Carbon disulfide	ND		1.0	0.59	ug/L			03/20/26 16:23	1
Carbon tetrachloride	ND		1.0	0.26	ug/L			03/20/26 16:23	1
Chlorobenzene	ND		1.0	0.38	ug/L			03/20/26 16:23	1
Chloroethane	ND		1.0	0.83	ug/L			03/20/26 16:23	1
Chloroform	ND		1.0	0.47	ug/L			03/20/26 16:23	1
Chloromethane	ND		1.0	0.63	ug/L			03/20/26 16:23	1
cis-1,2-Dichloroethene	ND		1.0	0.46	ug/L			03/20/26 16:23	1
cis-1,3-Dichloropropene	ND		1.0	0.61	ug/L			03/20/26 16:23	1
Dichlorobromomethane	ND		1.0	0.38	ug/L			03/20/26 16:23	1
Ethylbenzene	ND		1.0	0.42	ug/L			03/20/26 16:23	1
Hexane	ND		2.0	1.9	ug/L			03/20/26 16:23	1
m-Xylene & p-Xylene	ND		2.0	0.42	ug/L			03/20/26 16:23	1
2-Butanone (MEK)	ND		10	4.2	ug/L			03/20/26 16:23	1
4-Methyl-2-pentanone (MIBK)	ND		10	0.99	ug/L			03/20/26 16:23	1
Methylene Chloride	ND		5.0	2.6	ug/L			03/20/26 16:23	1
o-Xylene	ND		1.0	0.42	ug/L			03/20/26 16:23	1
Styrene	ND		1.0	0.45	ug/L			03/20/26 16:23	1
Tetrachloroethene	ND		1.0	0.44	ug/L			03/20/26 16:23	1
Toluene	ND		1.0	0.44	ug/L			03/20/26 16:23	1
trans-1,2-Dichloroethene	ND		1.0	0.51	ug/L			03/20/26 16:23	1
trans-1,3-Dichloropropene	ND		1.0	0.67	ug/L			03/20/26 16:23	1
Trichloroethene	ND		1.0	0.44	ug/L			03/20/26 16:23	1
Vinyl chloride	ND		1.0	0.45	ug/L			03/20/26 16:23	1
Xylenes, Total	ND		2.0	0.42	ug/L			03/20/26 16:23	1
Chlorodibromomethane	ND		1.0	0.39	ug/L			03/20/26 16:23	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	114		62 - 137		03/20/26 16:23	1
4-Bromofluorobenzene (Surr)	84		56 - 136		03/20/26 16:23	1
Toluene-d8 (Surr)	93		78 - 122		03/20/26 16:23	1
Dibromofluoromethane (Surr)	109		73 - 120		03/20/26 16:23	1

Eurofins Cleveland

Surrogate Summary

Client: Key Environmental Inc
Project/Site: Alcoa - Wearever

Job ID: 240-245228-1

Method: 8260D - Volatile Organic Compounds by GC/MS

Matrix: Water

Prep Type: Total/NA

		Percent Surrogate Recovery (Acceptance Limits)			
Lab Sample ID	Client Sample ID	DCA (62-137)	BFB (56-136)	TOL (78-122)	DBFM (73-120)
240-245228-1	MW-OS-1-I	119	77	89	113
240-245228-2	TB-2	114	84	93	109
LCS 240-694497/3	Lab Control Sample	102	98	96	97
MB 240-694497/5	Method Blank	117	89	94	109
Surrogate Legend					
DCA = 1,2-Dichloroethane-d4 (Surr)					
BFB = 4-Bromofluorobenzene (Surr)					
TOL = Toluene-d8 (Surr)					
DBFM = Dibromofluoromethane (Surr)					

QC Sample Results

Client: Key Environmental Inc
Project/Site: Alcoa - Wearever

Job ID: 240-245228-1

Method: 8260D - Volatile Organic Compounds by GC/MS

Lab Sample ID: MB 240-694497/5

Matrix: Water

Analysis Batch: 694497

Client Sample ID: Method Blank

Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		1.0	0.48	ug/L			03/20/26 15:15	1
1,1,2,2-Tetrachloroethane	ND		1.0	0.60	ug/L			03/20/26 15:15	1
1,1,2-Trichloroethane	ND		1.0	0.48	ug/L			03/20/26 15:15	1
1,1-Dichloroethane	ND		1.0	0.47	ug/L			03/20/26 15:15	1
1,1-Dichloroethene	ND		1.0	0.49	ug/L			03/20/26 15:15	1
1,2-Dichloroethane	ND		1.0	0.46	ug/L			03/20/26 15:15	1
1,2-Dichloropropane	ND		1.0	0.47	ug/L			03/20/26 15:15	1
2-Hexanone	ND		10	1.1	ug/L			03/20/26 15:15	1
Acetone	ND		10	5.4	ug/L			03/20/26 15:15	1
Benzene	ND		1.0	0.42	ug/L			03/20/26 15:15	1
Bromoform	ND		1.0	0.76	ug/L			03/20/26 15:15	1
Bromomethane	ND		2.0	1.1	ug/L			03/20/26 15:15	1
Carbon disulfide	ND		1.0	0.59	ug/L			03/20/26 15:15	1
Carbon tetrachloride	ND		1.0	0.26	ug/L			03/20/26 15:15	1
Chlorobenzene	ND		1.0	0.38	ug/L			03/20/26 15:15	1
Chloroethane	ND		1.0	0.83	ug/L			03/20/26 15:15	1
Chloroform	ND		1.0	0.47	ug/L			03/20/26 15:15	1
Chloromethane	ND		1.0	0.63	ug/L			03/20/26 15:15	1
cis-1,2-Dichloroethene	ND		1.0	0.46	ug/L			03/20/26 15:15	1
cis-1,3-Dichloropropene	ND		1.0	0.61	ug/L			03/20/26 15:15	1
Dichlorobromomethane	ND		1.0	0.38	ug/L			03/20/26 15:15	1
Ethylbenzene	ND		1.0	0.42	ug/L			03/20/26 15:15	1
Hexane	ND		2.0	1.9	ug/L			03/20/26 15:15	1
m-Xylene & p-Xylene	ND		2.0	0.42	ug/L			03/20/26 15:15	1
2-Butanone (MEK)	ND		10	4.2	ug/L			03/20/26 15:15	1
4-Methyl-2-pentanone (MIBK)	ND		10	0.99	ug/L			03/20/26 15:15	1
Methylene Chloride	ND		5.0	2.6	ug/L			03/20/26 15:15	1
o-Xylene	ND		1.0	0.42	ug/L			03/20/26 15:15	1
Styrene	ND		1.0	0.45	ug/L			03/20/26 15:15	1
Tetrachloroethene	ND		1.0	0.44	ug/L			03/20/26 15:15	1
Toluene	ND		1.0	0.44	ug/L			03/20/26 15:15	1
trans-1,2-Dichloroethene	ND		1.0	0.51	ug/L			03/20/26 15:15	1
trans-1,3-Dichloropropene	ND		1.0	0.67	ug/L			03/20/26 15:15	1
Trichloroethene	ND		1.0	0.44	ug/L			03/20/26 15:15	1
Vinyl chloride	ND		1.0	0.45	ug/L			03/20/26 15:15	1
Xylenes, Total	ND		2.0	0.42	ug/L			03/20/26 15:15	1
Chlorodibromomethane	ND		1.0	0.39	ug/L			03/20/26 15:15	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	117		62 - 137		03/20/26 15:15	1
4-Bromofluorobenzene (Surr)	89		56 - 136		03/20/26 15:15	1
Toluene-d8 (Surr)	94		78 - 122		03/20/26 15:15	1
Dibromofluoromethane (Surr)	109		73 - 120		03/20/26 15:15	1

Eurofins Cleveland

QC Sample Results

Client: Key Environmental Inc
Project/Site: Alcoa - Wearever

Job ID: 240-245228-1

Method: 8260D - Volatile Organic Compounds by GC/MS (Continued)

Lab Sample ID: LCS 240-694497/3

Matrix: Water

Analysis Batch: 694497

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	50.0	50.8		ug/L		102	64 - 131
1,1,1,2-Tetrachloroethane	50.0	51.5		ug/L		103	58 - 157
1,1,2-Trichloroethane	50.0	51.4		ug/L		103	70 - 138
1,1-Dichloroethane	50.0	49.3		ug/L		99	72 - 127
1,1-Dichloroethene	50.0	51.5		ug/L		103	63 - 134
1,2-Dichloroethane	50.0	53.0		ug/L		106	66 - 128
1,2-Dichloropropane	50.0	48.7		ug/L		97	75 - 133
2-Hexanone	100	115		ug/L		115	43 - 167
Acetone	100	102		ug/L		102	50 - 149
Benzene	50.0	47.7		ug/L		95	77 - 123
Bromoform	50.0	51.3		ug/L		103	57 - 129
Bromomethane	25.0	27.9		ug/L		111	36 - 142
Carbon disulfide	50.0	47.5		ug/L		95	43 - 140
Carbon tetrachloride	50.0	47.3		ug/L		95	55 - 137
Chlorobenzene	50.0	52.1		ug/L		104	80 - 121
Chloroethane	25.0	25.4		ug/L		102	38 - 152
Chloroform	50.0	49.9		ug/L		100	74 - 122
Chloromethane	25.0	19.2		ug/L		77	47 - 143
cis-1,2-Dichloroethene	50.0	46.8		ug/L		94	77 - 123
cis-1,3-Dichloropropene	50.0	50.3		ug/L		101	64 - 130
Dichlorobromomethane	50.0	52.5		ug/L		105	69 - 126
Ethylbenzene	50.0	52.4		ug/L		105	80 - 121
Hexane	50.0	44.7		ug/L		89	53 - 144
m-Xylene & p-Xylene	50.0	52.0		ug/L		104	80 - 120
2-Butanone (MEK)	100	98.9		ug/L		99	54 - 156
4-Methyl-2-pentanone (MIBK)	100	103		ug/L		103	46 - 158
Methylene Chloride	50.0	47.2		ug/L		94	71 - 125
o-Xylene	50.0	51.6		ug/L		103	80 - 123
Styrene	50.0	55.5		ug/L		111	80 - 135
Tetrachloroethene	50.0	49.2		ug/L		98	76 - 123
Toluene	50.0	50.2		ug/L		100	80 - 123
trans-1,2-Dichloroethene	50.0	46.8		ug/L		94	75 - 124
trans-1,3-Dichloropropene	50.0	55.3		ug/L		111	57 - 129
Trichloroethene	50.0	48.4		ug/L		97	70 - 122
Vinyl chloride	25.0	22.8		ug/L		91	60 - 144
Xylenes, Total	100	104		ug/L		104	80 - 121
Chlorodibromomethane	50.0	51.9		ug/L		104	70 - 124

Surrogate	LCS %Recovery	LCS Qualifier	Limits
1,2-Dichloroethane-d4 (Surr)	102		62 - 137
4-Bromofluorobenzene (Surr)	98		56 - 136
Toluene-d8 (Surr)	96		78 - 122
Dibromofluoromethane (Surr)	97		73 - 120

QC Association Summary

Client: Key Environmental Inc
Project/Site: Alcoa - Wearever

Job ID: 240-245228-1

GC/MS VOA

Analysis Batch: 694497

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
240-245228-1	MW-OS-1-I	Total/NA	Water	8260D	
240-245228-2	TB-2	Total/NA	Water	8260D	
MB 240-694497/5	Method Blank	Total/NA	Water	8260D	
LCS 240-694497/3	Lab Control Sample	Total/NA	Water	8260D	

Lab Chronicle

Client: Key Environmental Inc
Project/Site: Alcoa - Wearever

Job ID: 240-245228-1

Client Sample ID: MW-OS-1-I
Date Collected: 03/10/26 09:25
Date Received: 03/11/26 16:00

Lab Sample ID: 240-245228-1
Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260D		2	694497	SAM	EET CLE	03/20/26 21:43

Client Sample ID: TB-2
Date Collected: 03/10/26 09:30
Date Received: 03/11/26 16:00

Lab Sample ID: 240-245228-2
Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260D		1	694497	SAM	EET CLE	03/20/26 16:23

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

Accreditation/Certification Summary

Client: Key Environmental Inc
Project/Site: Alcoa - Wearever

Job ID: 240-245228-1

Laboratory: Eurofins Cleveland

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

Authority	Program	Identification Number	Expiration Date
Connecticut	State	PH-0806	09-30-26
Illinois	NELAP	200004	08-31-26
Iowa	State	421	06-01-27
Kansas	NELAP	E-10336	01-31-26 *
Kentucky (WW)	State	KY98016	12-31-26
Michigan	State	9135	01-10-27
Minnesota	NELAP	039-999-348	12-31-26
New Hampshire	NELAP	2250	09-30-26
New Jersey	NELAP	OH001	06-30-26
New York	NELAP	10975	04-01-26
Oregon	NELAP	4062	02-27-27
Pennsylvania	NELAP	68-00340	08-31-26
Texas	NELAP	T104704517	08-31-26
USDA	US Federal Programs	525-24-5-34740	01-05-27
Virginia	NELAP	460175	09-30-26
West Virginia DEP	State	210	03-31-26
Wisconsin	State	399167560	08-31-26

* Accreditation/Certification renewal pending - accreditation/certification considered valid.

Eurofins Cleveland

0.7/0.9

[illegible]

Eurofins – Cleveland Sample Receipt Form/Narrative
Barberton Facility

Login # _____

Client Key Env. Site Name _____

Cooler unpacked by _____

Cooler Received on 3/11/26 Opened on 3/12/26FedEx 1st ☒ Exp UPS FAS Waypoint Client Drop Off Eurofins Courier Other _____

Receipt After-hours Drop-off Date/Time _____

Storage Location _____

Eurofins Cooler # 66 Foam Box Client Cooler Box Other _____Packing material used. Bubble Wrap Foam ☒ Plastic Bag None Other _____COOLANT: ☒ Wet Ice Blue Ice Dry Ice Water None1 Cooler temperature upon receipt ☐ See Multiple Cooler FormIR GUN # 1 (CF to 0.2 °C) Observed Cooler Temp. 0.7 °C Corrected Cooler Temp. 0.9 °C2. Were tamper/custody seals on the outside of the cooler(s)? If Yes Quantity 1 ☒ 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 NA-Were tamper/custody seals intact and uncompromised? ☒ Yes ☐ No NA3 Shippers' packing slip attached to the cooler(s)? ☒ Yes ☐ No4. Did custody papers accompany the sample(s)? ☒ Yes ☐ No5 Were the custody papers relinquished & signed in the appropriate place? ☒ Yes ☐ No6 Was/were the person(s) who collected the samples clearly identified on the COC? ☒ Yes ☐ No7 Did all bottles arrive in good condition (Unbroken)? ☒ Yes ☐ No8 Could all bottle labels (ID/Date/Time) be reconciled with the COC? ☒ Yes ☐ No9 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 ☐ No11 Sufficient quantity received to perform indicated analyses? ☒ Yes ☐ No12 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# HC56719614. Were VOAs on the COC? ☒ Yes ☐ No15 Were air bubbles >6 mm in any VOA vials? ☒ Yes ☐ No NA16 Was a VOA trip blank present in the cooler(s)? Trip Blank Lot # covered ☒ Yes ☐ No17 Was a LL Hg or Me Hg trip blank present? ☒ Yes ☐ No

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

Concerning _____

18. CHAIN OF CUSTODY & SAMPLE DISCREPANCIES ☐ additional next page

Labeled by _____

Labels Verified 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 _____

Temperature readings _____

<u>Client Sample ID</u>	<u>Lab ID</u>	<u>Container Type</u>	<u>Container</u>		<u>Preservation</u>	<u>Preservation</u>
			<u>pH</u>	<u>Temp</u>	<u>Added</u>	<u>Lot Number</u>
MW-05-1-I	240-245228-A-1	Voa Vial 40ml - Hydrochloric Acid	_____	_____	_____	_____
MW-05-1-I	240-245228-B-1	Voa Vial 40ml - Hydrochloric Acid	_____	_____	_____	_____
MW-05-1-I	240-245228-C-1	Voa Vial 40ml - Hydrochloric Acid	_____	_____	_____	_____
TB-2	240-245228-A-2	Voa Vial 40ml - Hydrochloric Acid	_____	_____	_____	_____
TB-2	240-245228-B-2	Voa Vial 40ml - Hydrochloric Acid	_____	_____	_____	_____

1 2 3 4 5 6 7 8 9 10 11 12 13 14

3/23/2026

Part # 156297-435 RRD82 EXP 08/25

FROM: (412) 279-3363
BARB ALESKI
KEY ENVIRONMENTAL INC
200 3rd Ave
CARNegie PA 15106
US

SHIP DATE: 10MAR26
ACTWGT: 43.00 LB
CAD: 6570116/ROSA271C
DIMMED: 23 X 13 X 13
BILL 3rd PARTY



TO **EUROFINS CLEVELAND**

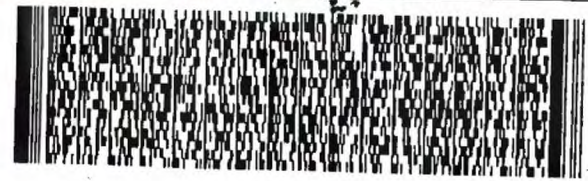
180 S VAN BUREN AVE

BARBERTON OH 44203

(330) 497-9396
INVT
P01

REF: #

DEPT:



TRK# **8894 7072 2475**

4421

9622 0417 3 (000 448 0322) 8 00 8894 7072 2475



Part # 159471-434 RR

Key Environmental, Inc.

DATE: March 31, 2026

FROM: Kendra Chintella

SUBJECT: Wearever Groundwater

Sample Delivery Group (SDG)	Sample ID
240-245220-1	MW-DS-I, MW-DT-S, MW-LP-I, MW-1S, MW-AS2-S, MW-AS3-S, MW-AS4-S, MW-AS5-S, MW-BL-S, MW-GA-S, MW-5, MW-B-I, MW-C-S, MW-C-I, MW-F-S, MW-F-I, MW-D-S, MW-D-I, MW-I-S, MW-I-I, MW-G-S, MW-G-I, MW-OS-2, MW-OS-3, M-99 (MW-OS-3), TB-1
240-245228-1	MW-OS-1-I, TB-2

ANALYSES: Method 8260D (VOCs)

LABORATORY: Eurofins Laboratories, Inc., Cleveland

The data contained in this SDG were evaluated with regard to the following parameters:

- ☐ Sample Shipment
Noncompliances: None
- ☐ Data Completeness
Noncompliances: None
- ☐ Holding Times
Noncompliances: VOCs were reanalyzed outside of hold time to confirm initial results for sample MW-1S. No data qualification was necessary as initial results are presented.
- ☐ Laboratory Blank Contamination
Noncompliances: None
- ☐ Field Blank Contamination
Noncompliances: None
- ☐ Field Duplicate Precision
Noncompliances:

FIELD DUPLICATE PRECISION					
ANALYTE	MW-OS-3	QUAL	M-99	QUAL	RPD
Acetone	7.4	J	21		95.77*

* - RPD value is greater than 30%, associated samples are qualified as estimated, "J," due to laboratory or field sampling imprecision

- ☐ Surrogate Recovery
Noncompliances: None
- ☐ Laboratory Control Sample
Noncompliances: None

- Matrix Spike/Matrix Spike Duplicate Sample
Noncompliances:

MS/MSD Sample	Compound	Recovery	Qualification
MW-D-S	Trichloroethene	MS/MSD Above	J

APPENDIX C
Production Well Records Summary

2025 Water Withdrawal (millions of gallons)													
Production Wells	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Yearly Totals
Well #: 13	52.3	46.5	49.2	48.5	48.0	46.4	39.2	23.2	14.1	20.3	39.6	40.9	468.2
Well #: 14	129.0	107.2	121.3	119.6	118.4	114.3	38.4	0.0	0.0	0.0	0.0	0.0	748.2
Well #: 16	61.0	50.6	57.3	56.5	55.9	54.0	54.1	0.0	0.0	0.0	0.0	0.0	389.4
Well #: 17	113.7	94.4	106.8	105.4	104.3	100.7	100.9	80.9	30.6	0.0	0.0	0.0	837.7
Well #: 18	210.4	174.9	197.8	195.1	193.1	186.4	186.8	149.8	136.7	146.8	159.1	164.5	2,101.4
													Yearly Totals for All Wells
Monthly Totals	566.4	473.6	532.4	525.1	519.7	501.8	419.4	253.9	181.4	167.1	198.7	205.4	4,545
Percentage of total withdrawal from Production Wells #17 and #18:													65%

Source: Email correspondence with US Paper Mill.